

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082820\
 Data File : VW016402.D
 Acq On : 28 Aug 2020 15:20
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082820

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 11:59:21 AM

Quant Time: Aug 28 18:49:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	294896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	98578	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	7.88	113	96430	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.32	98	371197	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
62) 4-Bromofluorobenzene	12.62	95	139221	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	56973	51.686	ug/l	95
3) Chloromethane	2.21	50	49232	46.426	ug/l	99
4) Vinyl Chloride	2.36	62	70885	45.862	ug/l	100
5) Bromomethane	2.78	94	51698	47.368	ug/l	92
6) Chloroethane	2.92	64	44234	48.080	ug/l	94
7) Trichlorofluoromethane	3.26	101	91555	48.994	ug/l	97
8) Diethyl Ether	3.68	74	44819	47.648	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	89456	49.043	ug/l	98
10) Methyl Iodide	4.27	142	131575	47.202	ug/l	98
11) Tert butyl alcohol	5.20	59	28031	236.260	ug/l	99
12) 1,1-Dichloroethene	4.04	96	88421	47.504	ug/l	99
13) Acrolein	3.90	56	19051	211.217	ug/l	99
14) Allyl chloride	4.67	41	114309	49.131	ug/l	100
15) Acrylonitrile	5.37	53	83135	237.383	ug/l	99
16) Acetone	4.13	43	77795	233.989	ug/l	100
17) Carbon Disulfide	4.38	76	250374	47.911	ug/l	99
18) Methyl Acetate	4.67	43	33028	43.565	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	135944	47.803	ug/l	97
20) Methylene Chloride	4.92	84	98406	46.578	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	100373	48.112	ug/l	97
22) Diisopropyl ether	6.31	45	220987	47.983	ug/l	99
23) Vinyl Acetate	6.26	43	692441	245.336	ug/l	100
24) 1,1-Dichloroethane	6.21	63	159088	47.911	ug/l	99
25) 2-Butanone	7.17	43	107493	238.295	ug/l	94
26) 2,2-Dichloropropane	7.17	77	115967	45.220	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	108302	47.916	ug/l	99
28) Bromochloromethane	7.51	49	58086	48.160	ug/l	100
29) Tetrahydrofuran	7.54	42	63972	237.564	ug/l	99
30) Chloroform	7.68	83	176184	47.766	ug/l	99
31) Cyclohexane	7.96	56	139507	45.842	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	160676	48.370	ug/l	98
36) 1,1-Dichloropropene	8.09	75	141951	50.580	ug/l	99
37) Ethyl Acetate	7.25	43	47067	49.505	ug/l	99
38) Carbon Tetrachloride	8.07	117	154813	50.342	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	175083	51.523	ug/l	98
40) Benzene	8.32	78	374320	49.819	ug/l	99
41) Methacrylonitrile	7.48	41	29019	53.011	ug/l	97
42) 1,2-Dichloroethane	8.40	62	112489	49.083	ug/l	100
43) Isopropyl Acetate	8.43	43	94091	49.592	ug/l	99
44) Trichloroethene	9.09	130	109613	48.757	ug/l	95
45) 1,2-Dichloropropane	9.37	63	85322	48.950	ug/l	97
46) Dibromomethane	9.46	93	52122	50.330	ug/l	99
47) Bromodichloromethane	9.65	83	133693	50.055	ug/l	99
48) Methyl methacrylate	9.44	41	45174	49.939	ug/l	96
49) 1,4-Dioxane	9.46	88	14045	995.638	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	231202	246.444	ug/l	99
52) Toluene	10.39	92	252660	50.155	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	132199	50.894	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	151638	50.102	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	72999	49.439	ug/l	95
56) Ethyl methacrylate	10.65	69	89540	51.894	ug/l	97
57) 1,3-Dichloropropane	10.93	76	121946	49.705	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	193874	250.238	ug/l	99
59) 2-Hexanone	10.97	43	161780	252.763	ug/l	99
60) Dibromochloromethane	11.13	129	92789	49.700	ug/l	98
61) 1,2-Dibromoethane	11.24	107	72529	50.087	ug/l	98
64) Tetrachloroethene	10.87	164	92246	50.925	ug/l	90
65) Chlorobenzene	11.66	112	273561	50.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	101830	50.637	ug/l	99
67) Ethyl Benzene	11.73	91	500275	51.596	ug/l	99
68) m/p-Xylenes	11.84	106	374492	101.163	ug/l	99
69) o-Xylene	12.16	106	177086	52.019	ug/l	95
70) Styrene	12.18	104	303327	52.282	ug/l	99
71) Bromoform	12.35	173	52210	51.022	ug/l #	99
73) Isopropylbenzene	12.46	105	501334	52.754	ug/l	99
74) N-amyl acetate	12.27	43	87240	52.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	78781	50.358	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55789m	48.953	ug/l	
77) Bromobenzene	12.74	156	113333	51.300	ug/l	99
78) n-propylbenzene	12.80	91	580904	52.071	ug/l	98
79) 2-Chlorotoluene	12.89	91	338593	51.536	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	429554	51.536	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	26266	51.170	ug/l	98
82) 4-Chlorotoluene	12.99	91	345726	50.332	ug/l	99
83) tert-Butylbenzene	13.21	119	363928	51.971	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	427697	51.446	ug/l	100
85) sec-Butylbenzene	13.38	105	499133	51.478	ug/l	99
86) p-Isopropyltoluene	13.50	119	472940	52.249	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	216498	51.054	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	214237	50.214	ug/l	99
89) n-Butylbenzene	13.82	91	431855	51.965	ug/l	99
90) Hexachloroethane	14.10	117	86023	50.616	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	194180	51.119	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14016	49.289	ug/l	93

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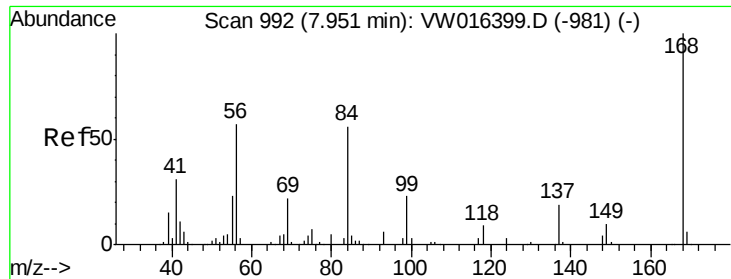
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	129729	51.446	ug/l	97
94) Hexachlorobutadiene	15.24	225	79108	52.547	ug/l	99
95) Naphthalene	15.36	128	255195	54.687	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	113152	51.212	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

ICVW082820

Tot Ion:168 Resp: 195585

Ion Ratio Lower Upper

168 100

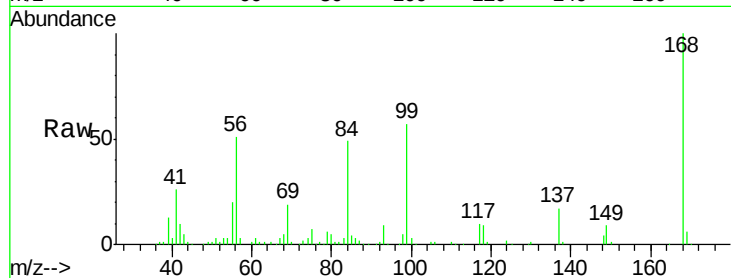
99 56.9 49.0 73.4

Manual Integrations

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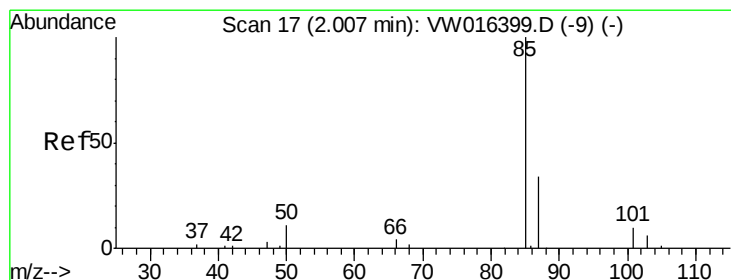
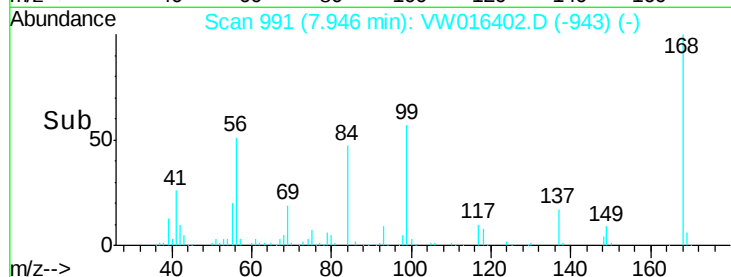
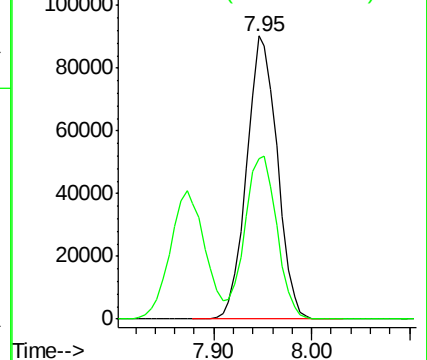
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 51.686 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016402.D

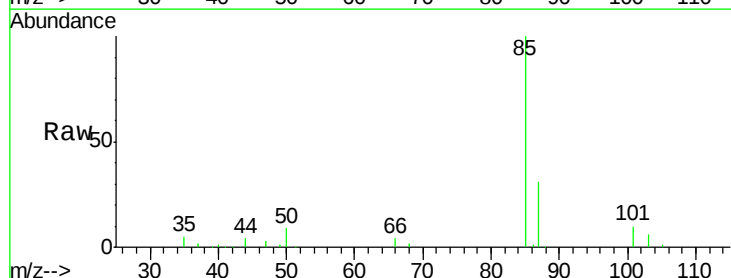
Acq: 28 Aug 2020 15:20

Tgt Ion: 85 Resp: 56973

Ion Ratio Lower Upper

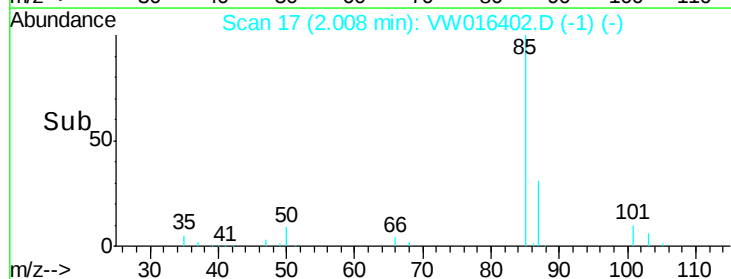
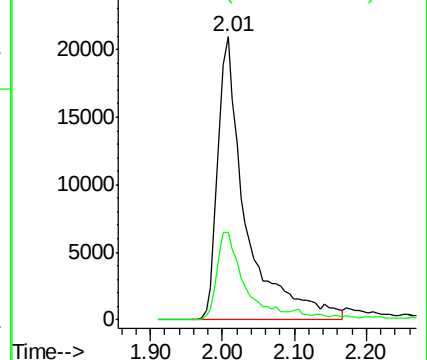
85 100

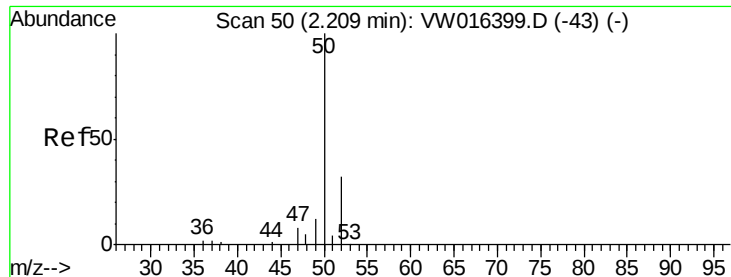
87 31.0 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.426 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

ICVW082820

Tot Ion: 50 Resp: 49232

Ion Ratio Lower Upper

50 100

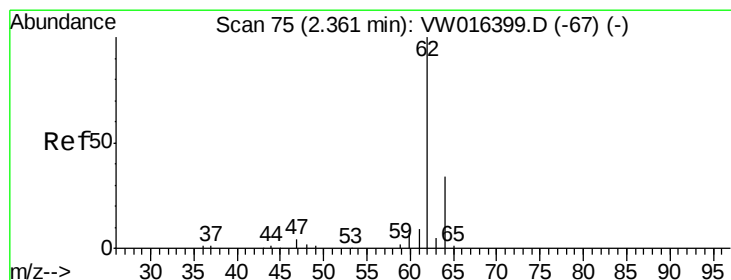
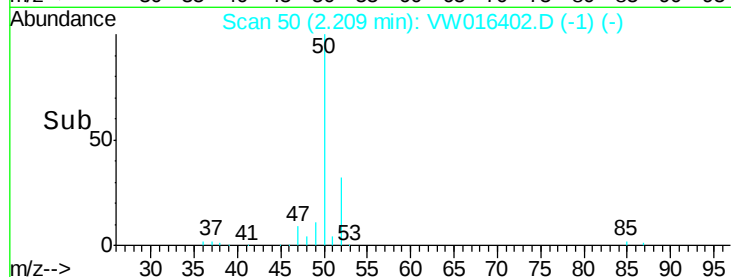
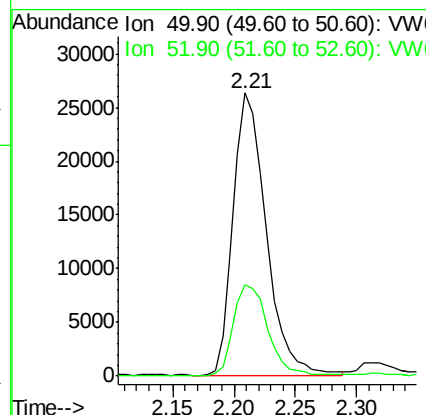
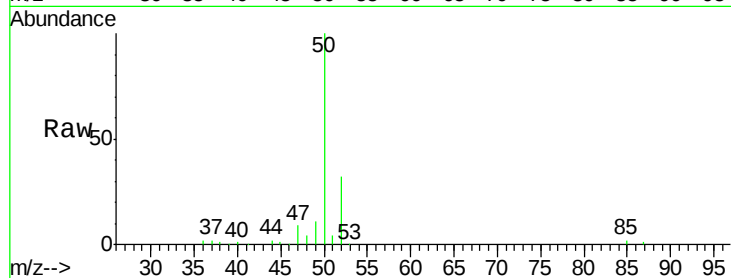
52 32.5 25.5 38.3

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#4

Vinyl Chloride

Concen: 45.862 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW016402.D

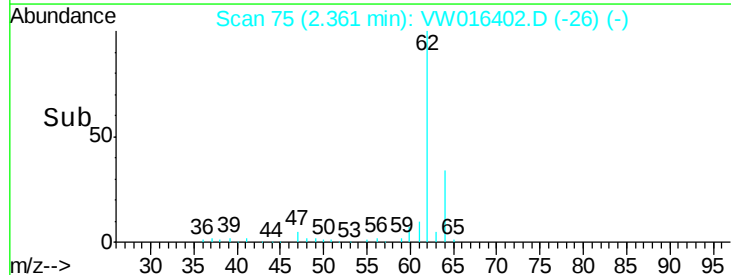
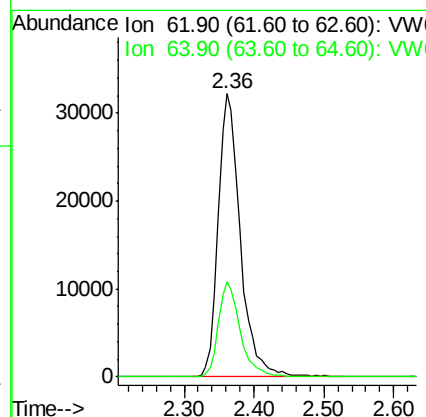
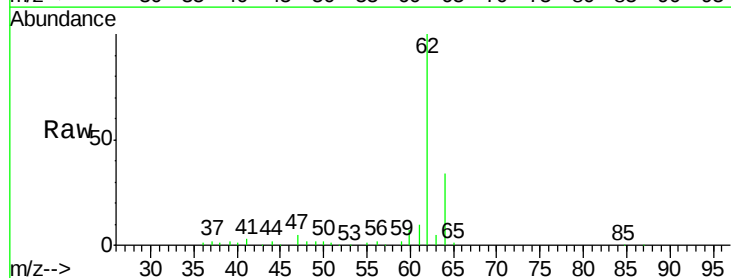
Acq: 28 Aug 2020 15:20

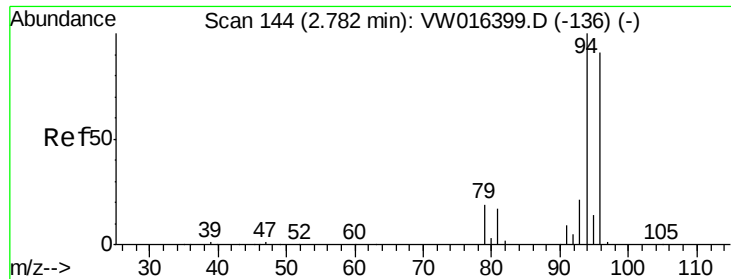
Tgt Ion: 62 Resp: 70885

Ion Ratio Lower Upper

62 100

64 33.7 27.2 40.8





#5

Bromomethane

Concen: 47.368 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

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Acq: 28 Aug 2020 15:20

Instrument :

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ClientSampleId :

ICVW082820

Tot Ion: 94 Resp: 51698

Ion Ratio Lower Upper

94 100

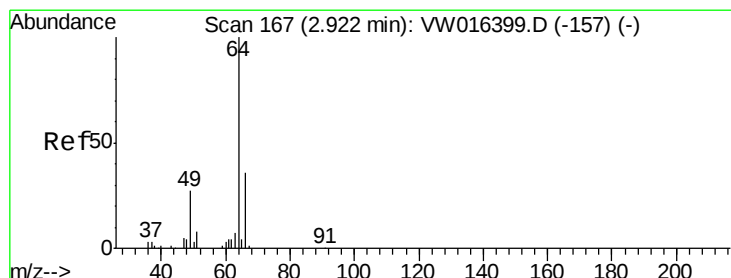
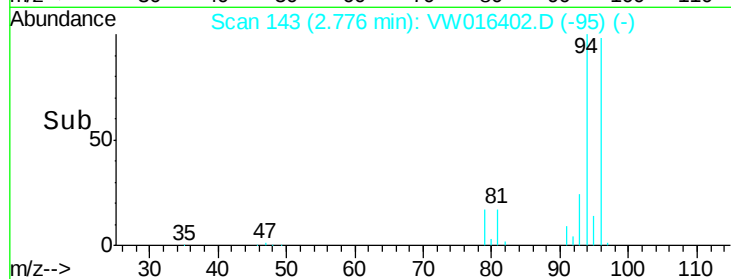
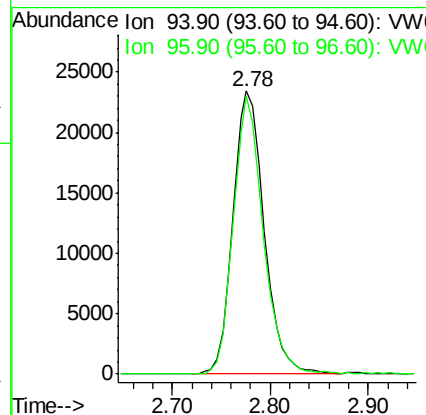
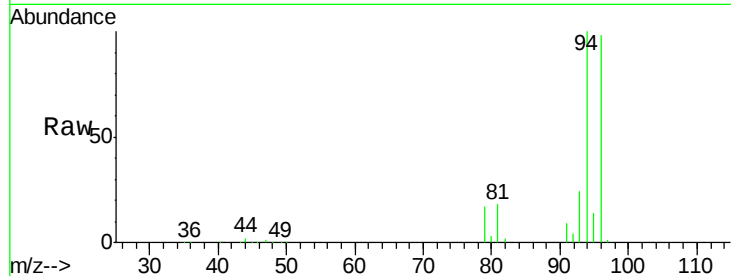
96 98.2 72.6 109.0

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#6

Chloroethane

Concen: 48.080 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW016402.D

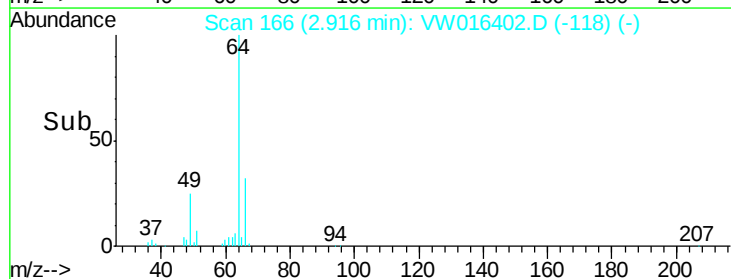
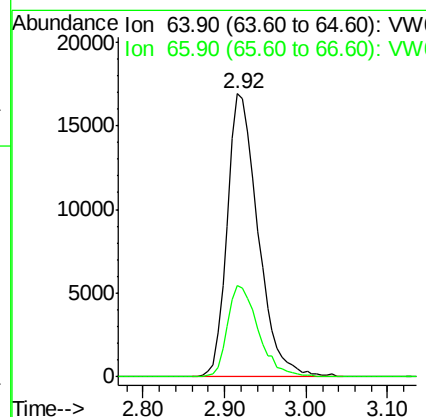
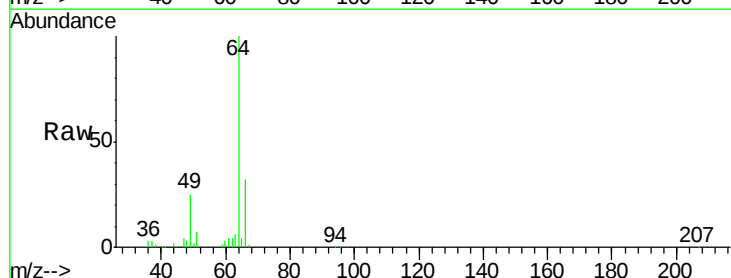
Acq: 28 Aug 2020 15:20

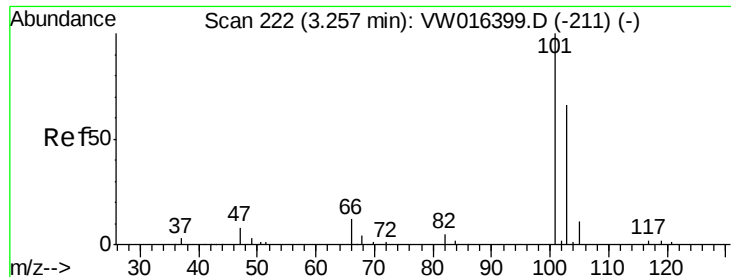
Tgt Ion: 64 Resp: 44234

Ion Ratio Lower Upper

64 100

66 32.4 28.7 43.1





#7

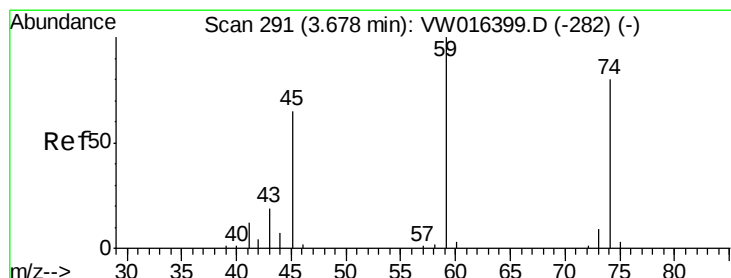
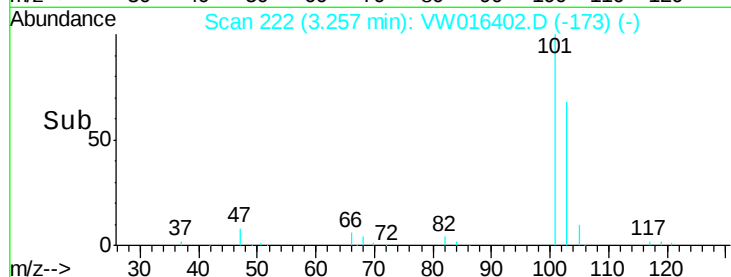
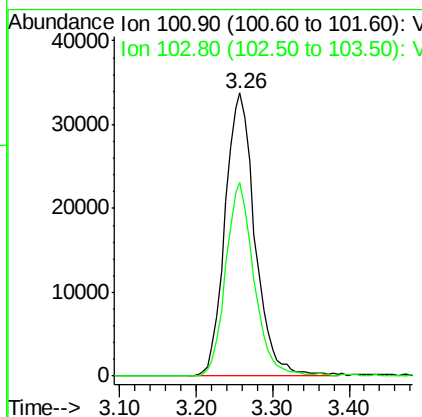
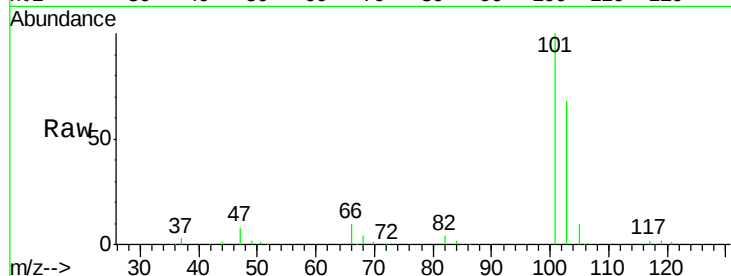
Trichlorofluoromethane
Concen: 48.994 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.3	53.0	79.4

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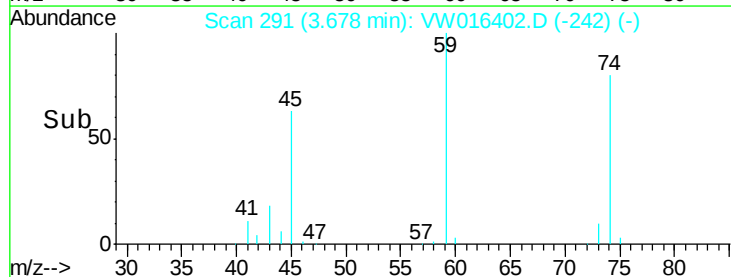
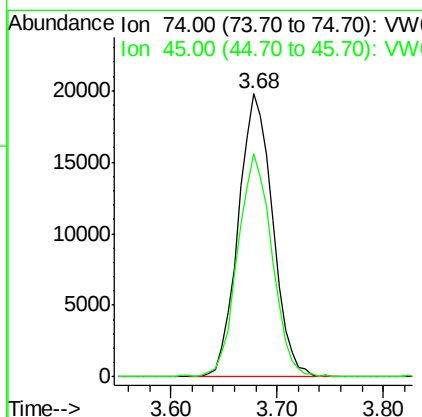
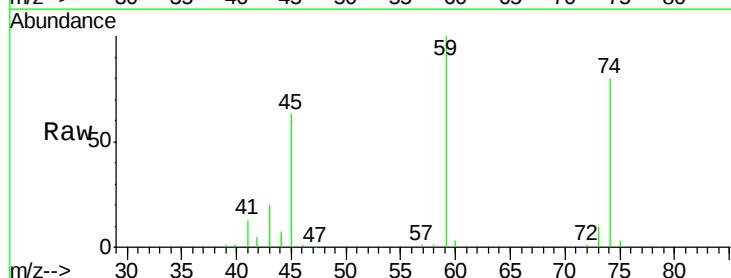
MMDadoda
8/31/2020 11:59:21 AM

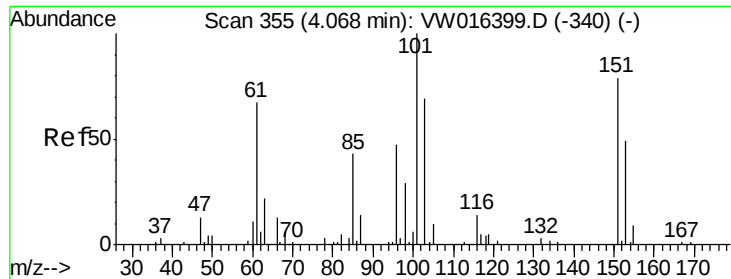


#8

Diethyl Ether
Concen: 47.648 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW016402.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.1	42.0	126.0





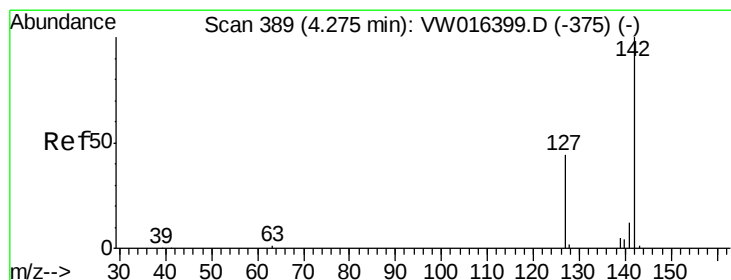
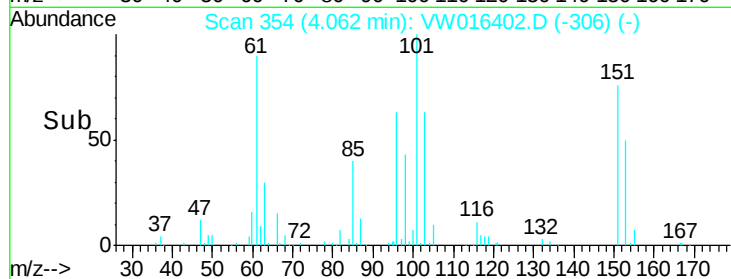
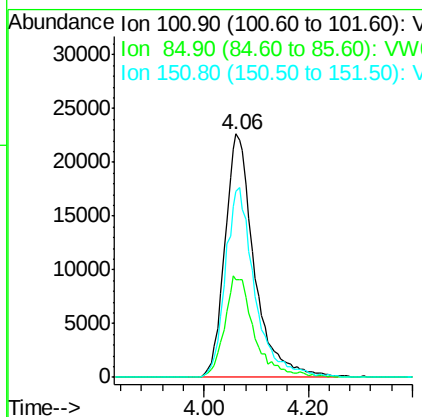
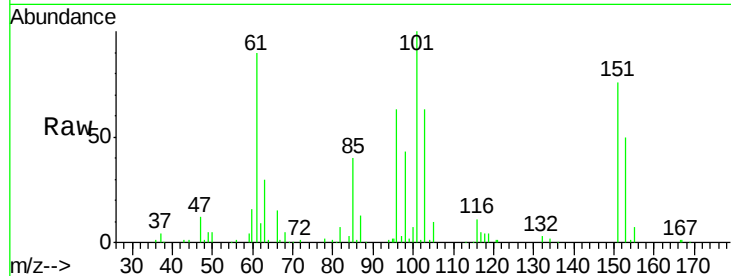
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.043 ug/l
RT: 4.06 min Scan# 354
Delta R.T. -0.01 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Resp	Lower	Upper
101	100	89456		
85	41.2	34.2	51.2	
151	78.2	63.8	95.8	

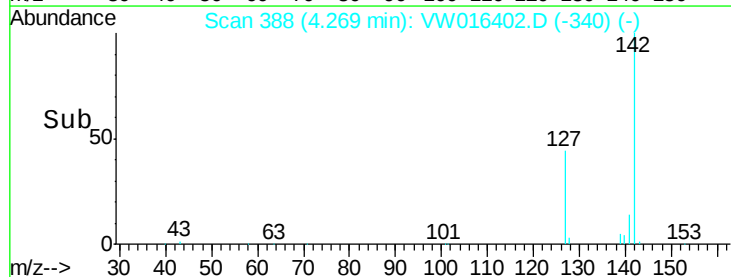
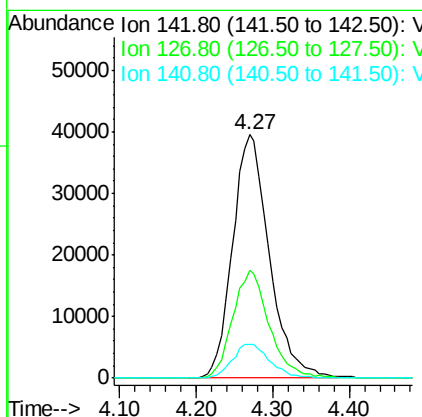
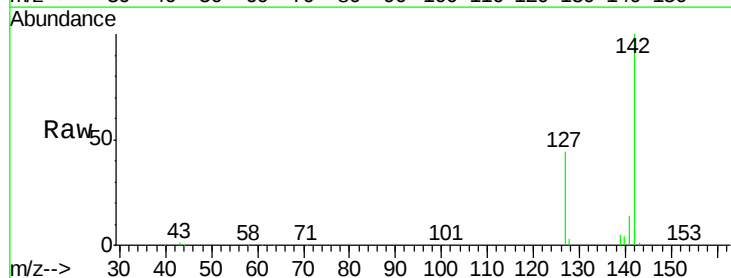
Manual Integrations
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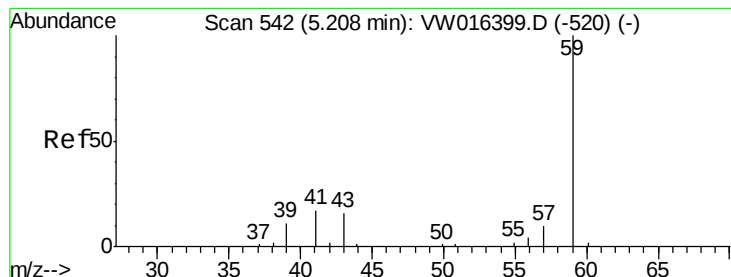
MMDadoda
8/31/2020 11:59:21 AM



#10
Methyl Iodide
Concen: 47.202 ug/l
RT: 4.27 min Scan# 388
Delta R.T. -0.01 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	131575		
127	44.1	36.2	54.4	
141	14.4	11.8	17.6	





#11

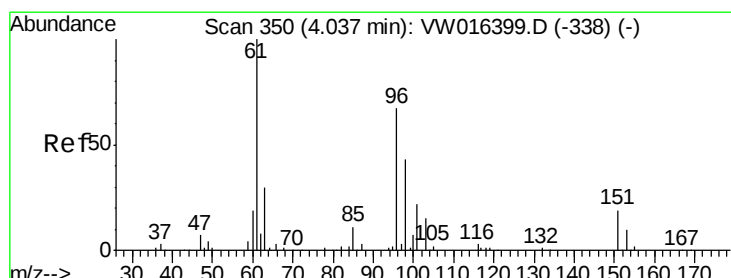
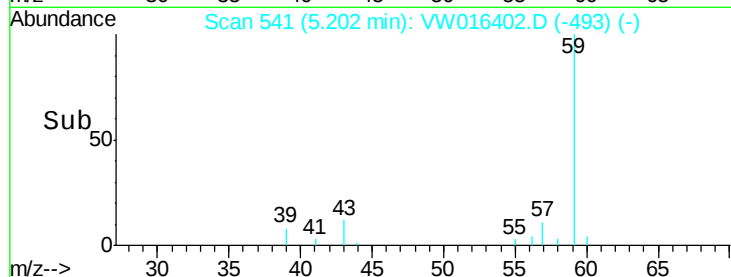
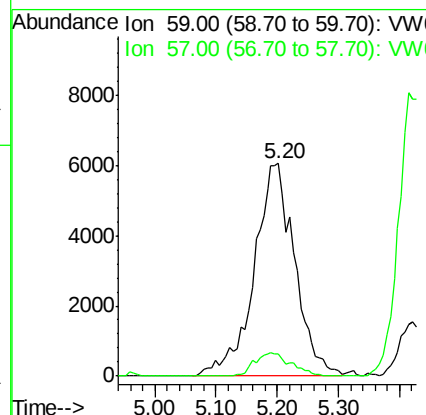
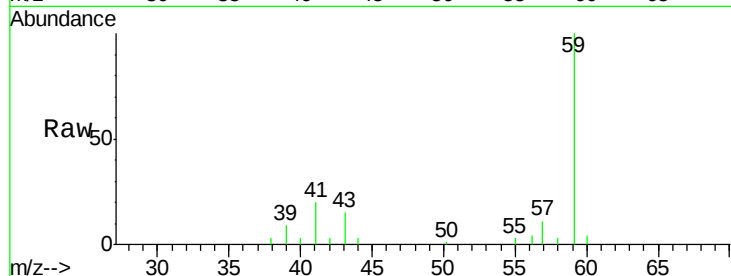
Tert butyl alcohol
 Concen: 236.260 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW082820

Tot Ion	Ratio	Resp	Lower	Upper
59	100	28031		
57	9.9		8.2	12.4

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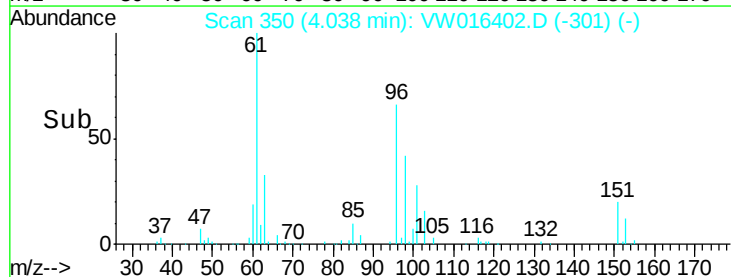
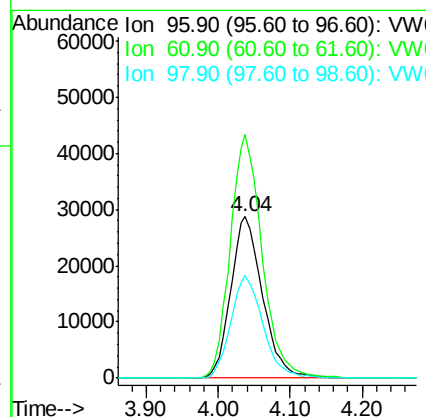
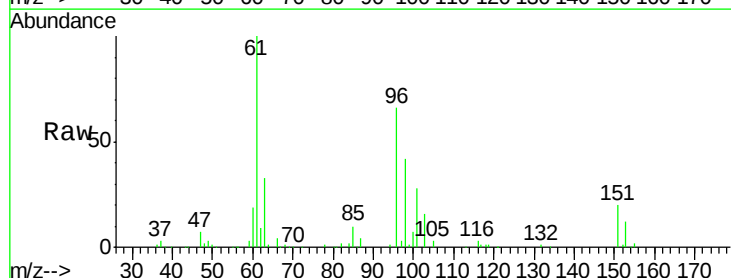
MMDadoda
 8/31/2020 11:59:21 AM

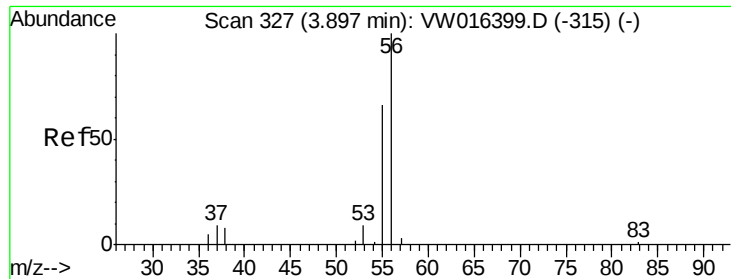


#12

1,1-Dichloroethene
 Concen: 47.504 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	88421		
61	150.9		119.0	178.4
98	63.7		50.6	76.0





#13

Acrolein

Concen: 211.217 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

ICVW082820

Tot Ion: 56 Resp: 19051

Ion Ratio Lower Upper

56 100

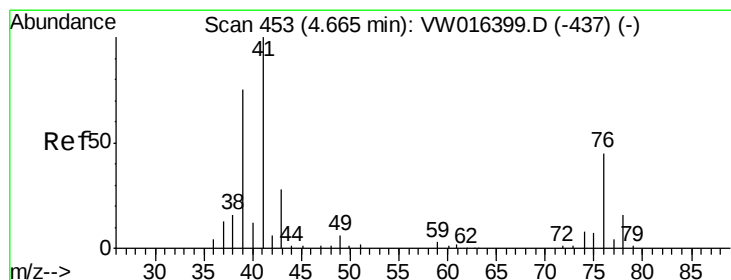
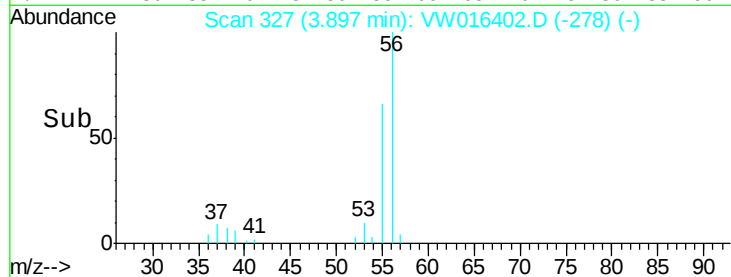
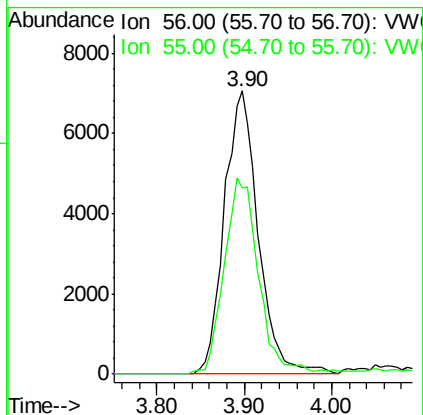
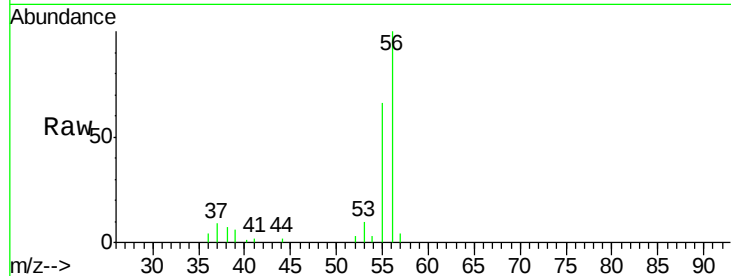
55 69.4 54.8 82.2

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#14

Allyl chloride

Concen: 49.131 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

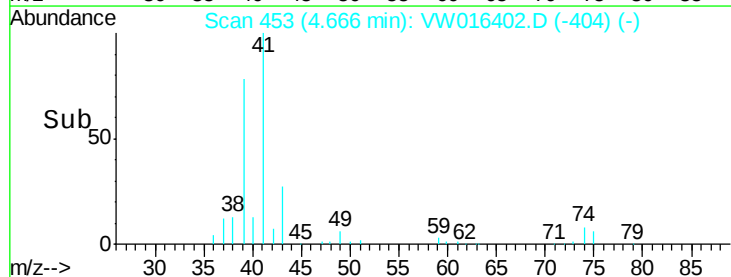
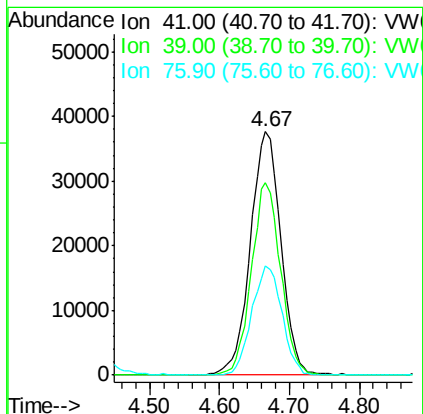
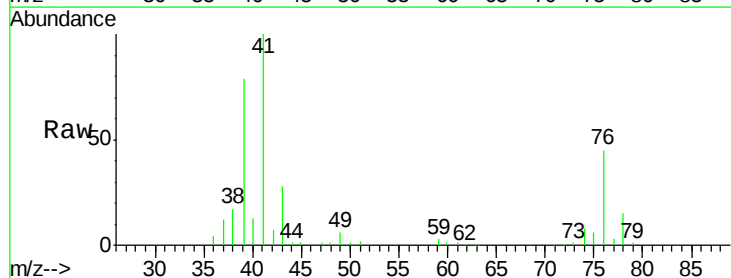
Tgt Ion: 41 Resp: 114309

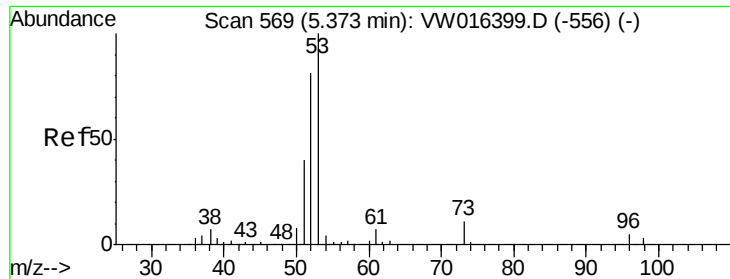
Ion Ratio Lower Upper

41 100

39 75.5 60.2 90.2

76 44.1 35.7 53.5





#15

Acrylonitrile

Concen: 237.383 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

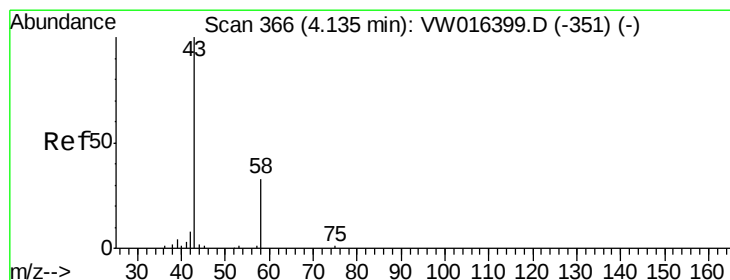
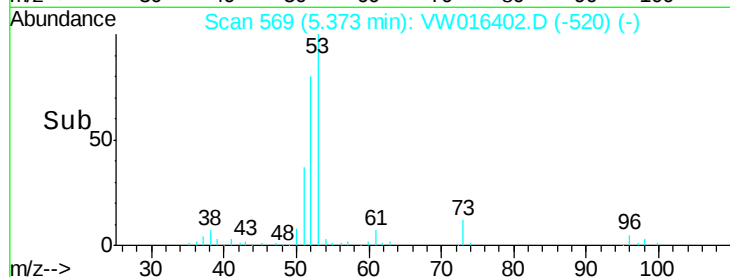
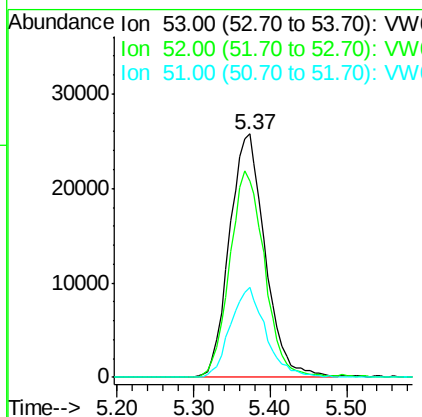
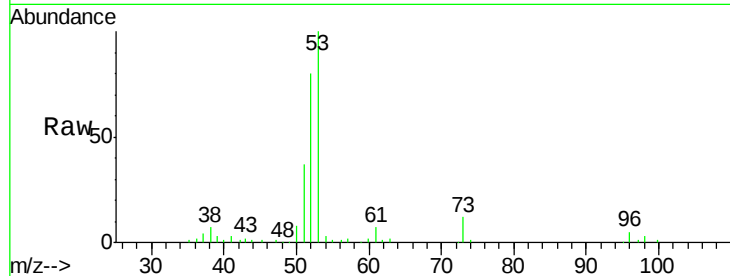
ClientSampleId :

ICVW082820

Tot Ion:	53	Resp:	83135
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.1	99.1
51	36.9	29.9	44.9

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#16

Acetone

Concen: 233.989 ug/l

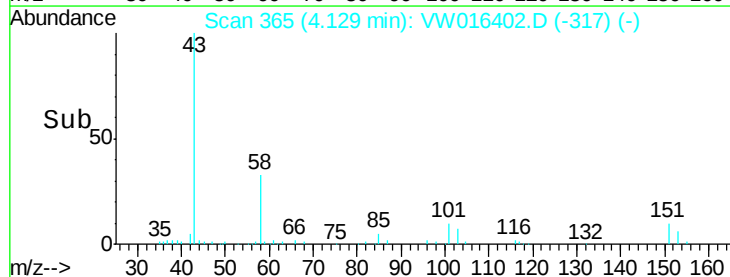
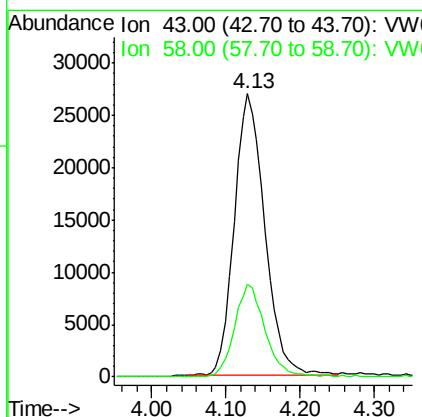
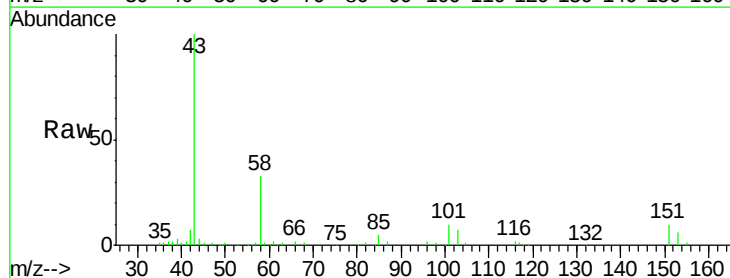
RT: 4.13 min Scan# 365

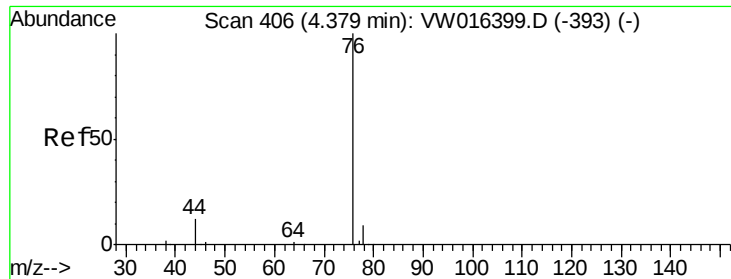
Delta R.T. -0.01 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Tgt Ion:	43	Resp:	77795
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.6	39.8





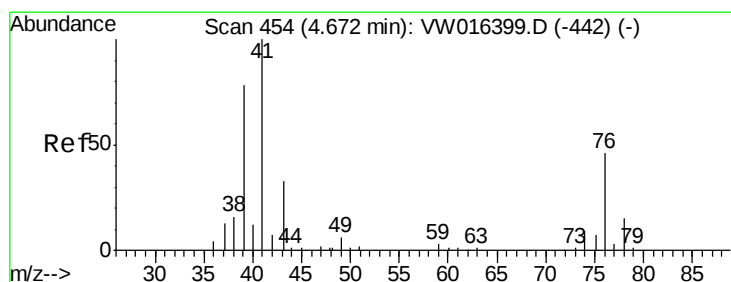
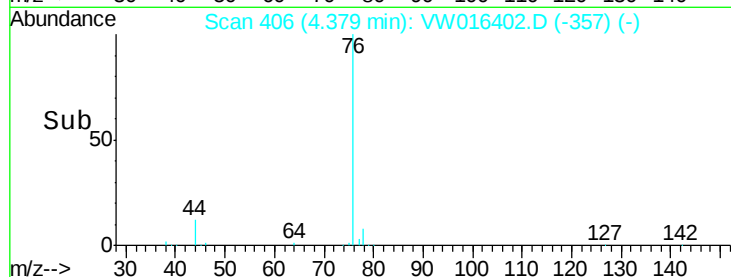
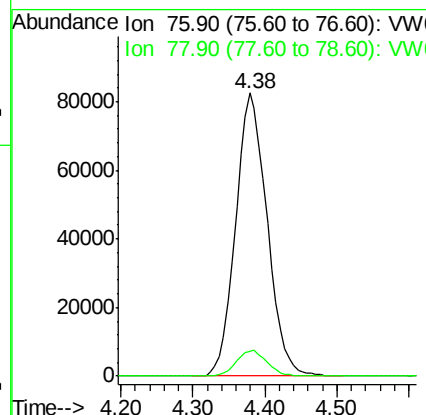
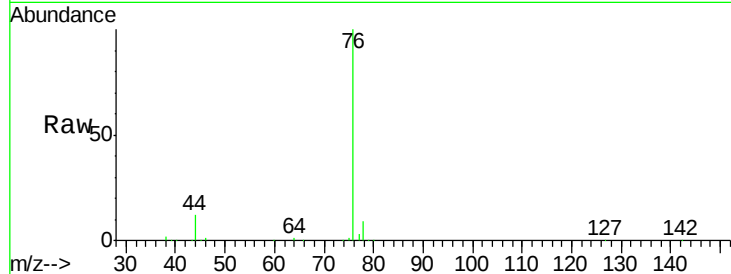
#17
Carbon Disulfide
Concen: 47.911 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

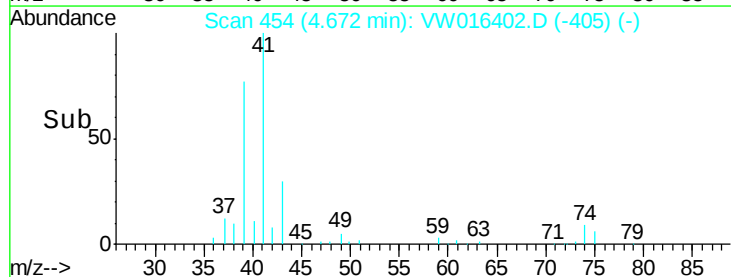
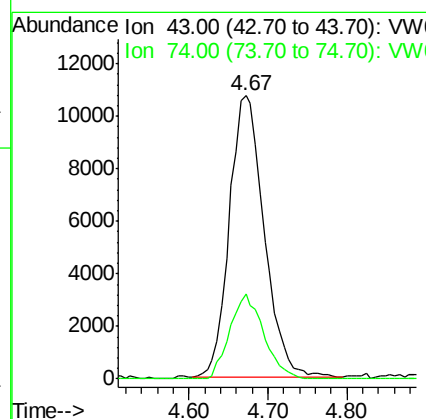
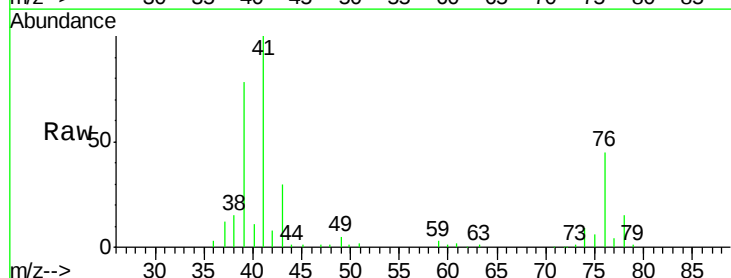
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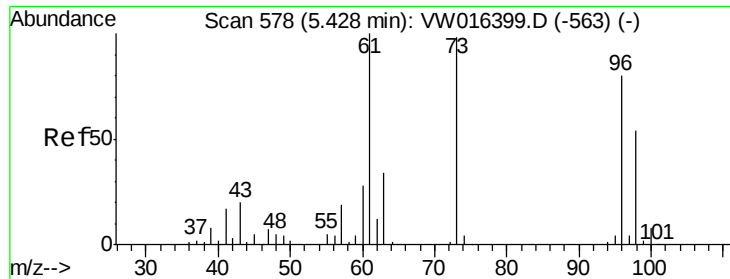
MMDadoda
8/31/2020 11:59:21 AM



#18
Methyl Acetate
Concen: 43.565 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.2	23.2	34.8





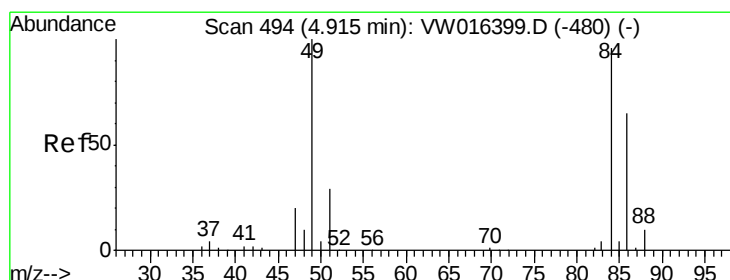
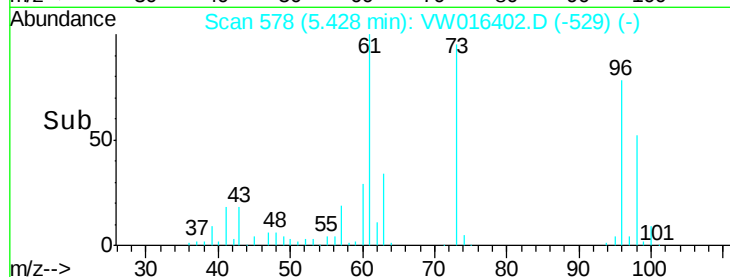
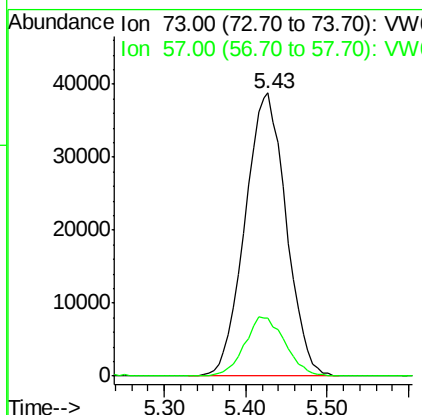
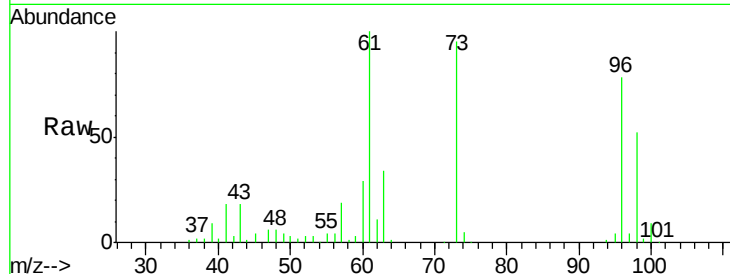
#19
Methvl tert-butvl Ether
Concen: 47.803 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion: 73 Resp: 135944
Ion Ratio Lower Upper
73 100
57 20.3 15.0 22.6

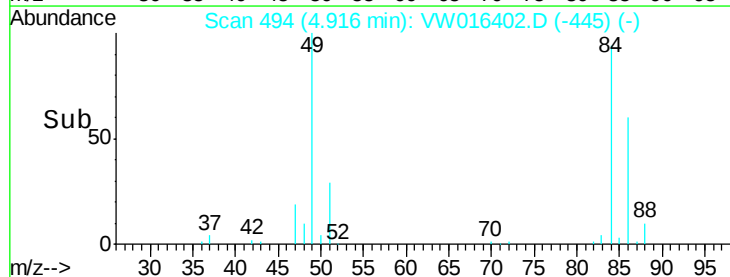
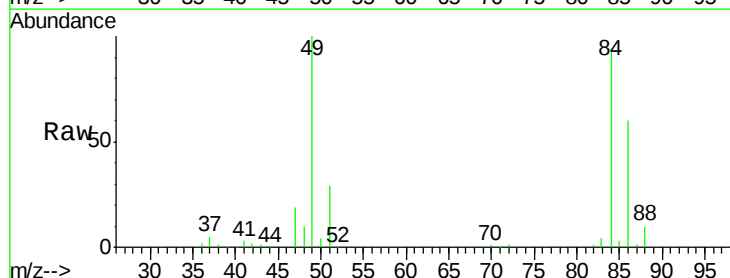
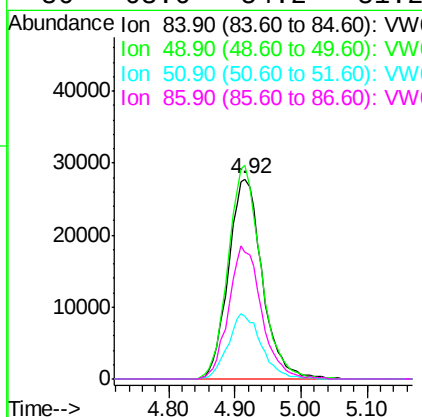
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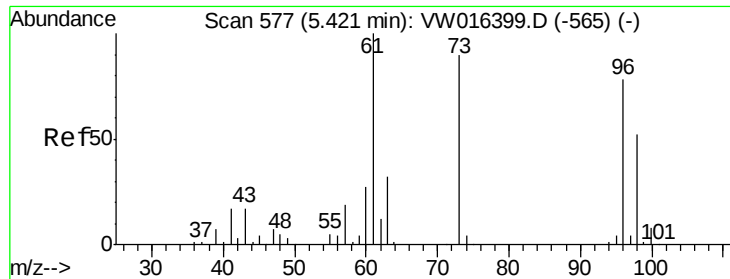
MMDadoda
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#20
Methylene Chloride
Concen: 46.578 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion: 84 Resp: 98406
Ion Ratio Lower Upper
84 100
49 106.7 83.2 124.8
51 31.2 24.4 36.6
86 63.6 54.2 81.2





#21

trans-1,2-Dichloroethene

Concen: 48.112 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

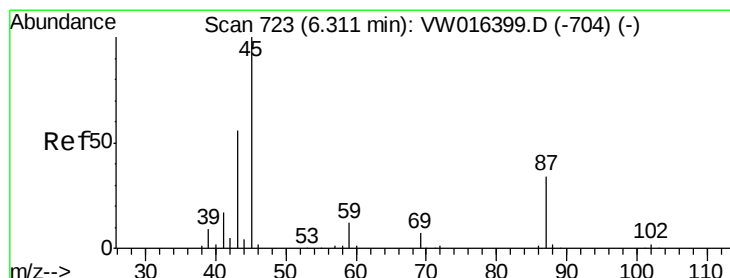
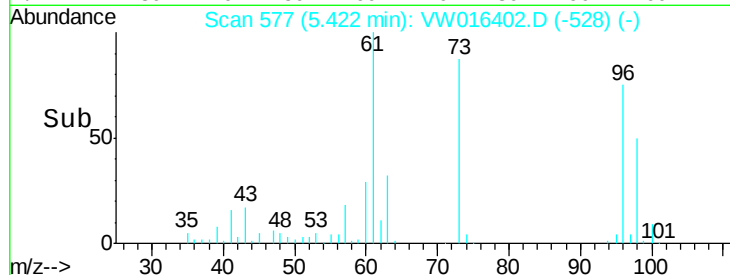
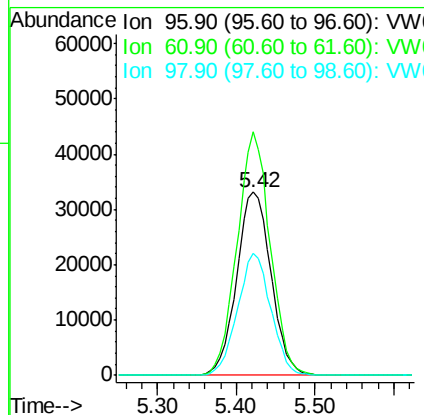
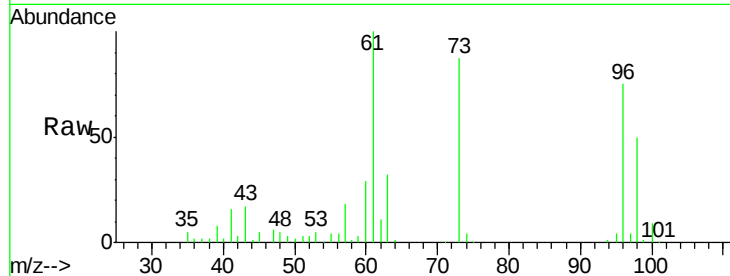
ClientSampled :

ICVW082820

Tot Ion:	96	Resp:	100373
Ion	Ratio	Lower	Upper
96	100		
61	133.1	103.0	154.6
98	66.4	53.8	80.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.983 ug/l

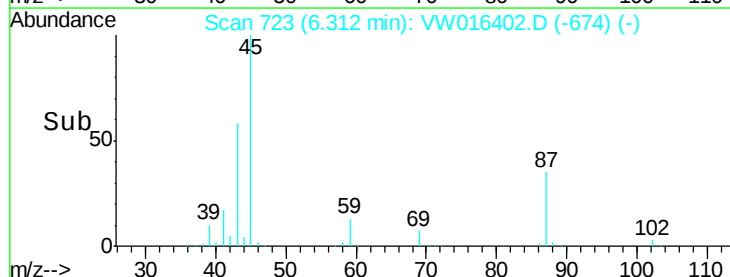
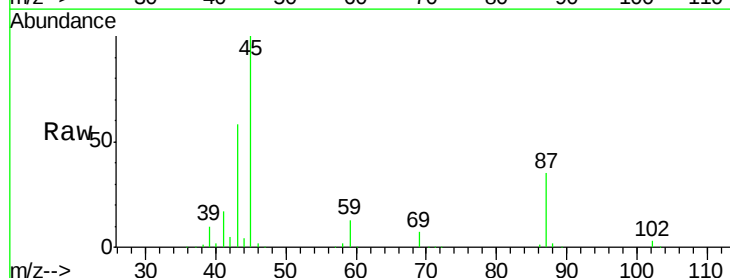
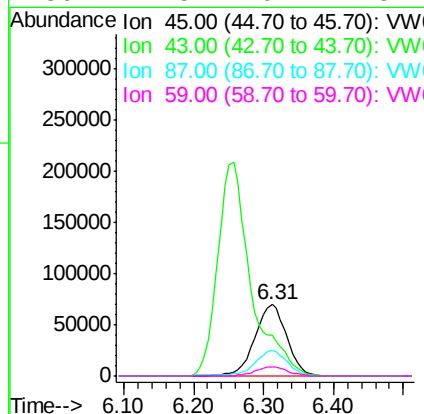
RT: 6.31 min Scan# 723

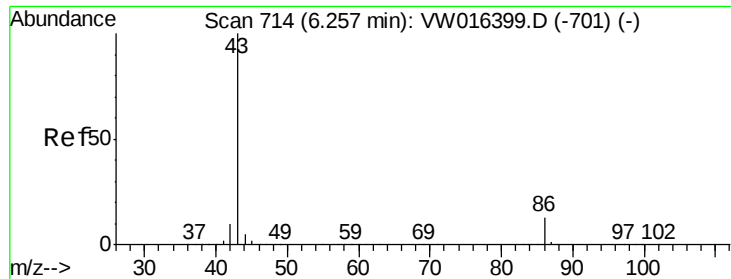
Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Tgt Ion:	45	Resp:	220987
Ion	Ratio	Lower	Upper
45	100		
43	56.8	44.6	67.0
87	35.3	27.5	41.3
59	12.5	10.2	15.2





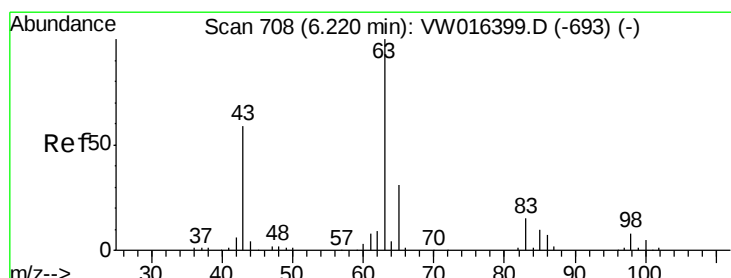
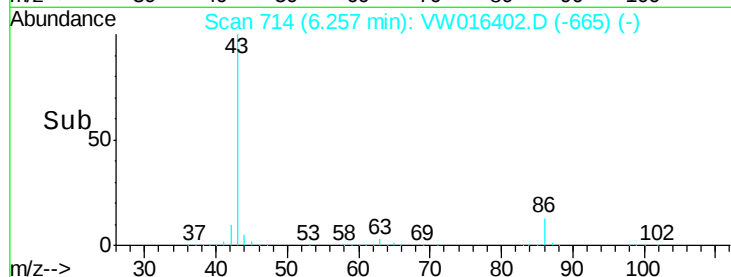
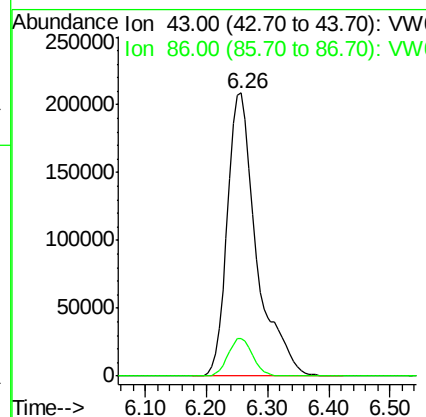
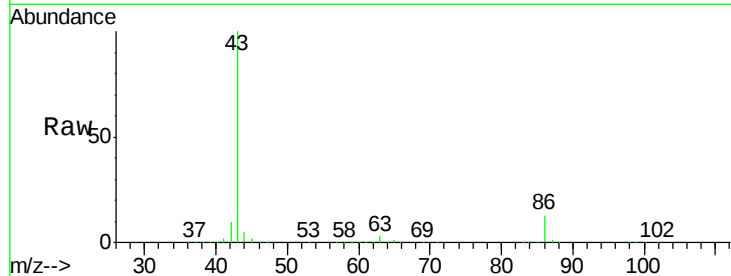
#23
 Vinyl Acetate
 Concen: 245.336 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082820

Tot Ion	Ratio	Lower	Upper
43	100		
86	13.2	10.6	15.8

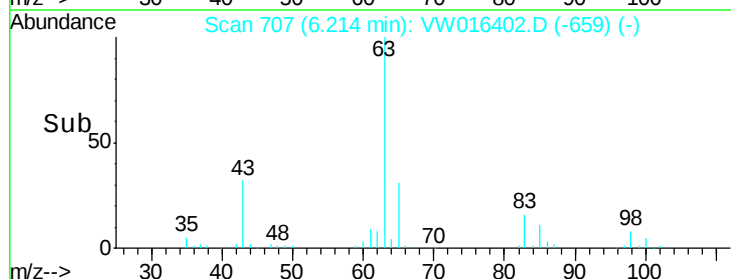
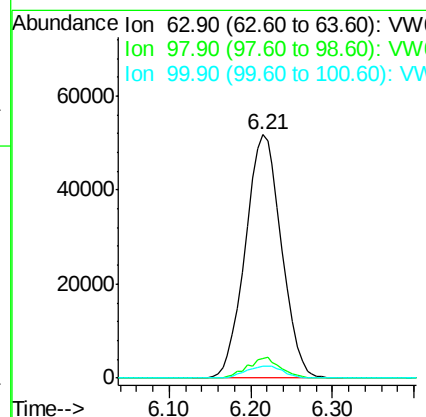
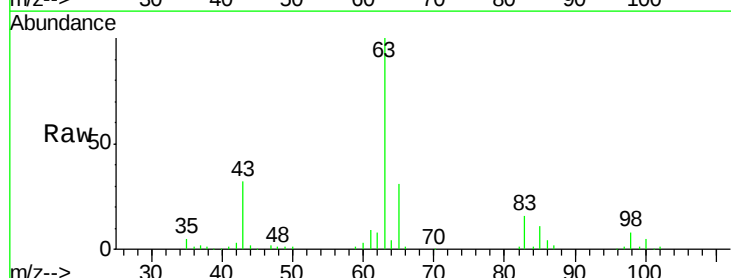
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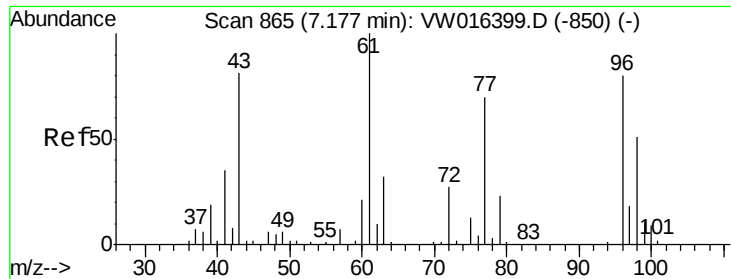
MMDadoda
 8/31/2020 11:59:21 AM



#24
 1,1-Dichloroethane
 Concen: 47.911 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.8	11.2
100	5.2	2.5	7.5





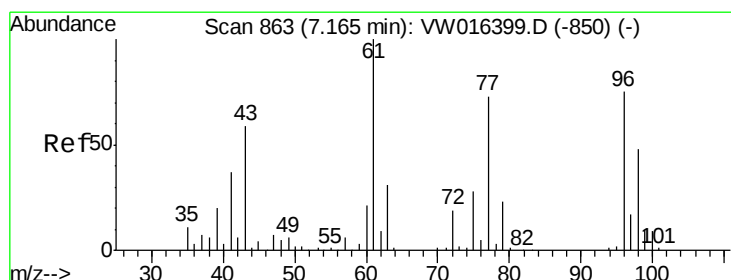
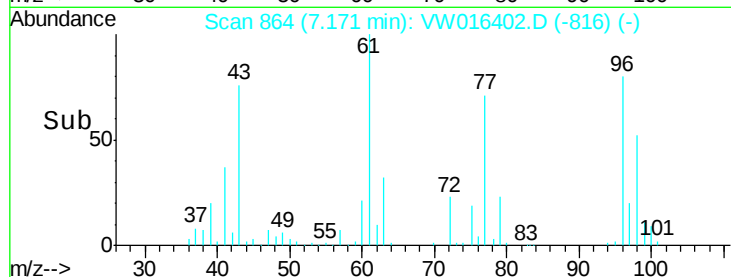
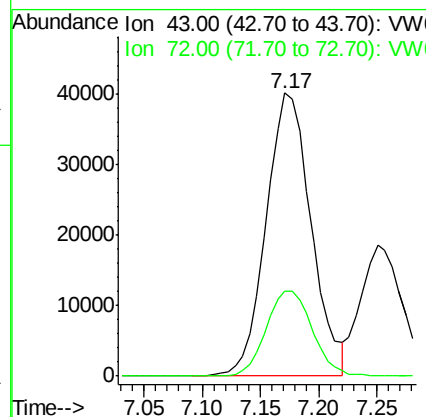
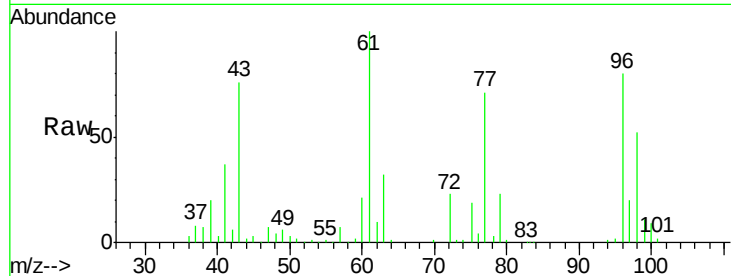
#25
2-Butanone
Concen: 238.295 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion: 43 Resp: 107493
Ion Ratio Lower Upper
43 100
72 29.8 26.7 40.1

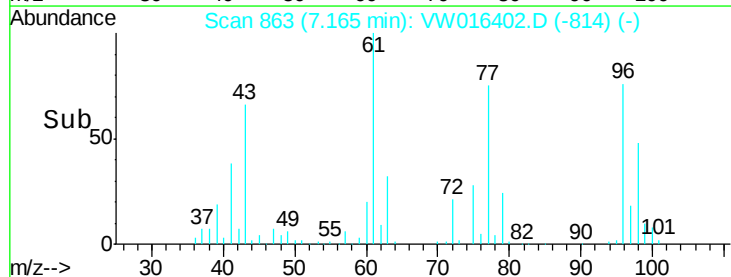
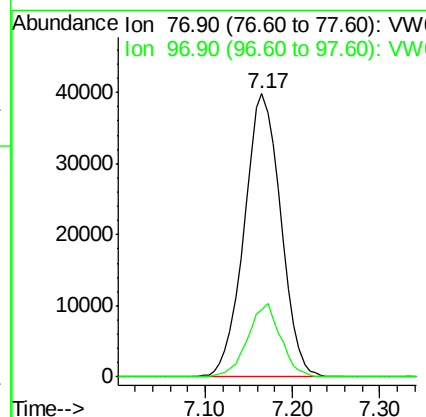
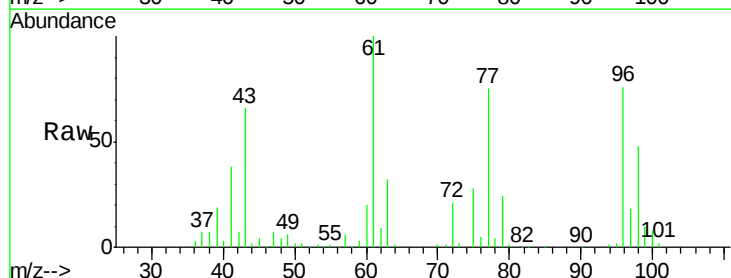
Manual Integrations
APPROVED

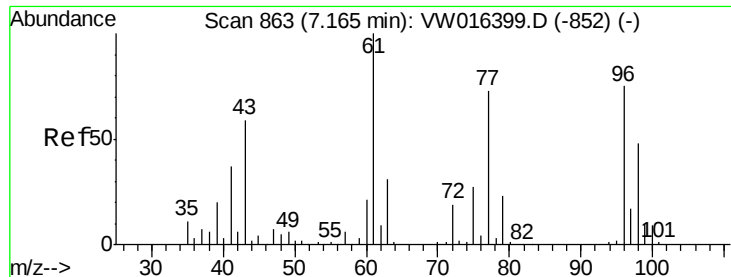
MMDadoda
8/31/2020 11:59:21 AM



#26
2,2-Dichloropropane
Concen: 45.220 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion: 77 Resp: 115967
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

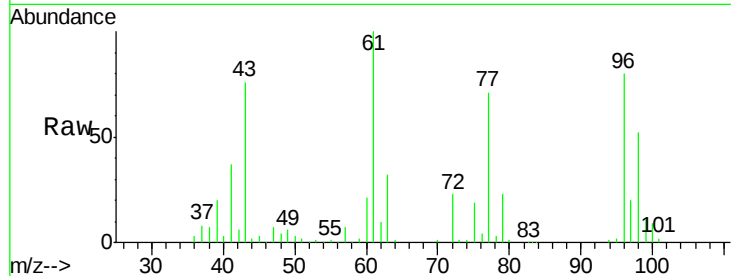
cis-1,2-Dichloroethene
Concen: 47.916 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

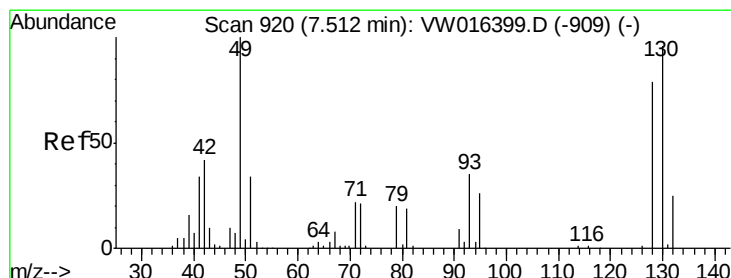
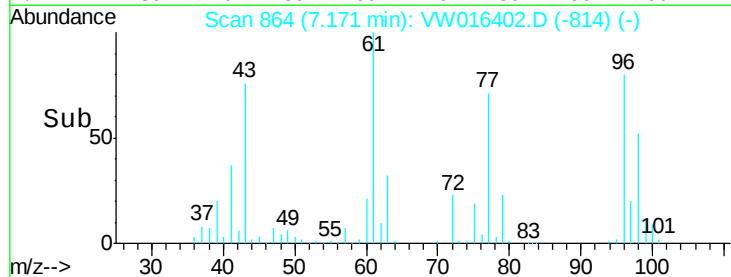
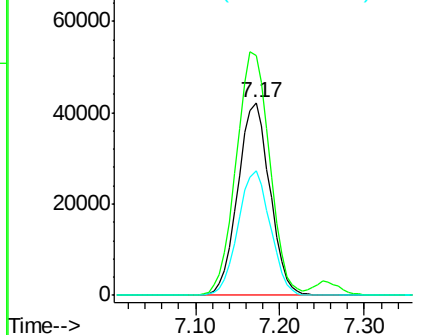
Tot Ion	Ratio	Resp	Lower	Upper
96	100	108302		
61	132.3	0.0	268.6	
98	65.4	0.0	130.0	

Manual Integrations
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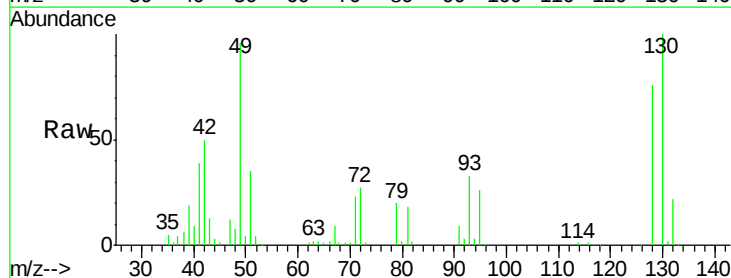
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



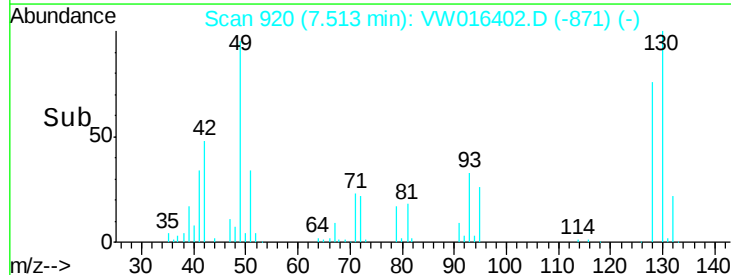
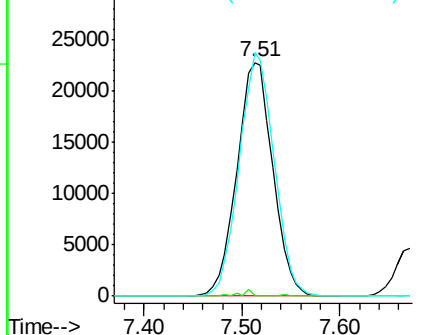
#28

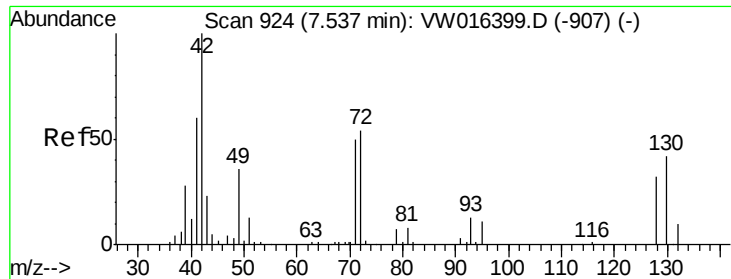
Bromochloromethane
Concen: 48.160 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	58086		
129	0.7	0.0	1.8	
130	101.1	80.8	121.2	



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





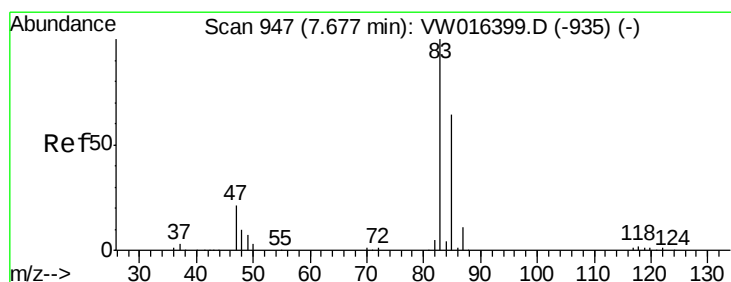
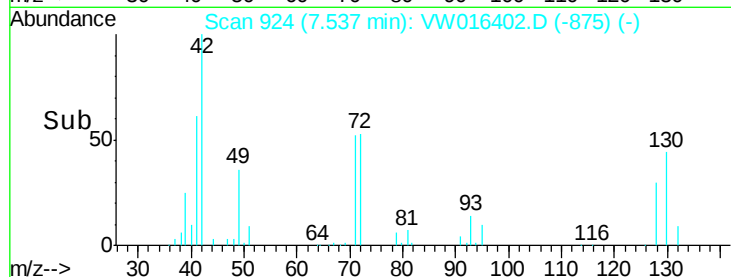
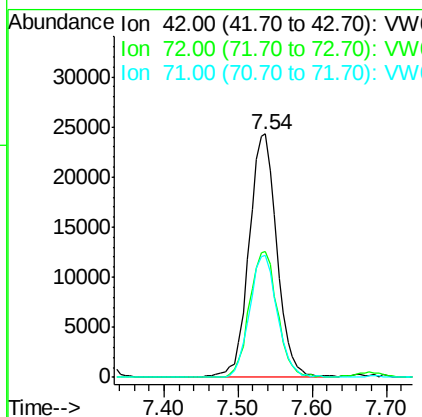
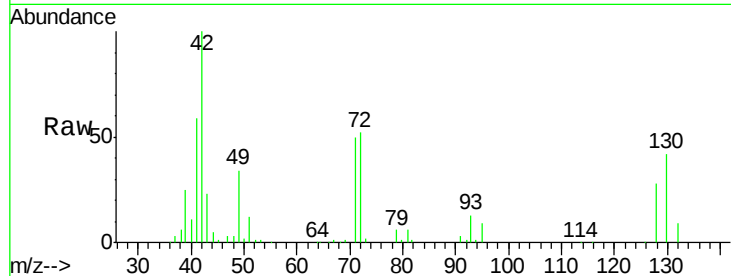
#29
Tetrahydrofuran
Concen: 237.564 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.8	42.3	63.5
71	49.6	39.5	59.3

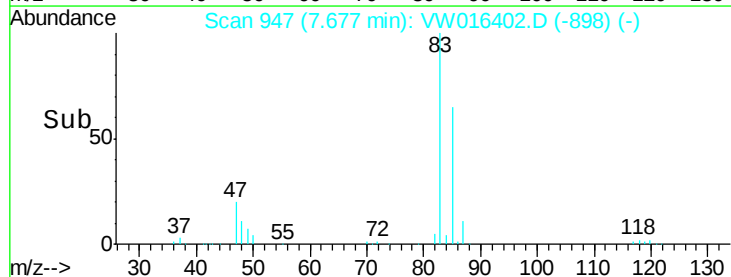
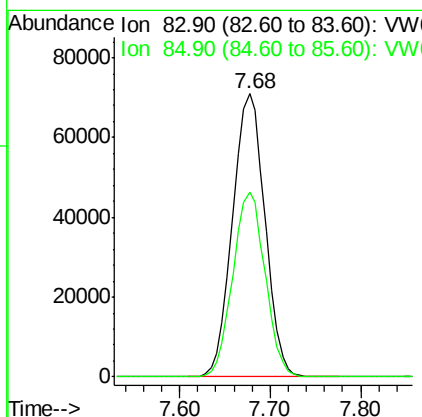
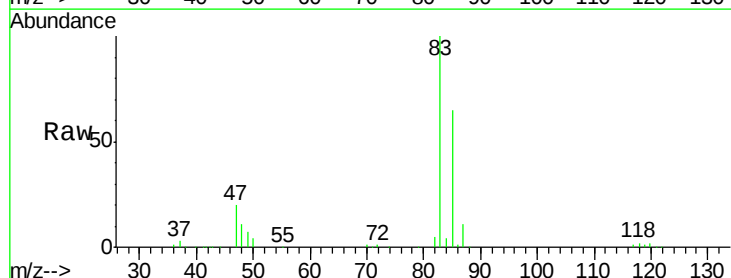
Manual Integrations
APPROVED

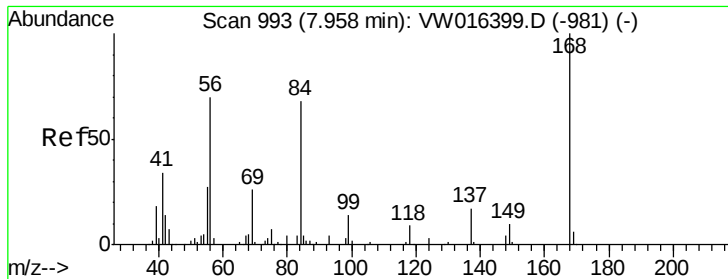
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#30
Chloroform
Concen: 47.766 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.6	77.4





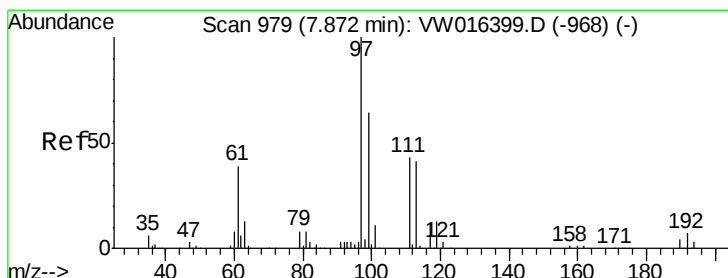
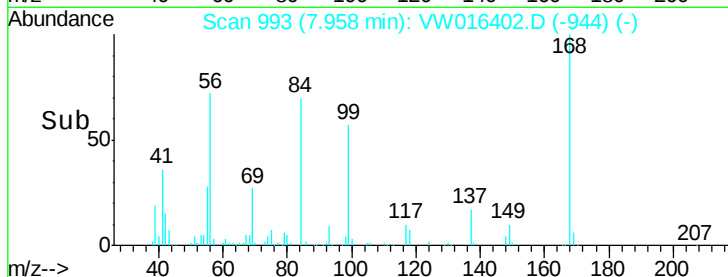
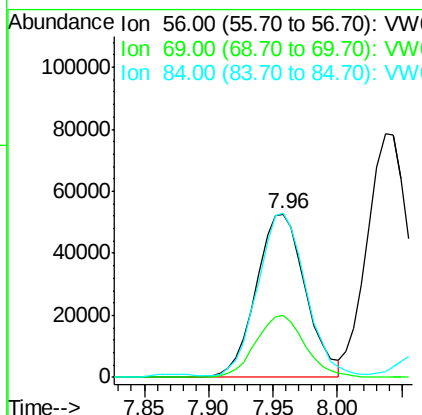
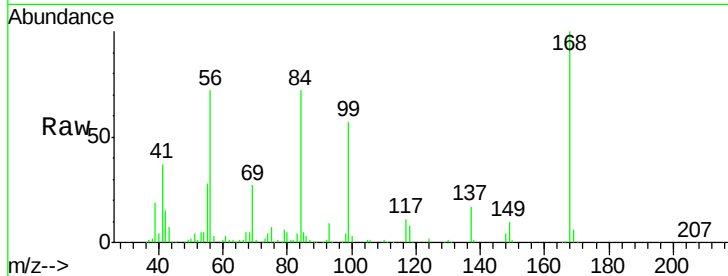
#31
Cyclohexane
Concen: 45.842 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.7	30.0	45.0
84	99.3	77.4	116.2

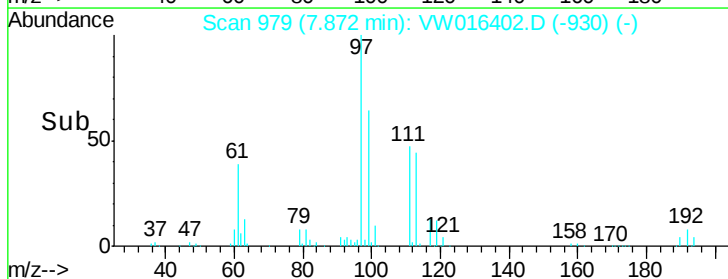
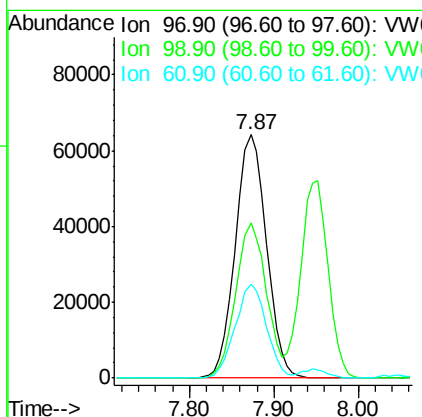
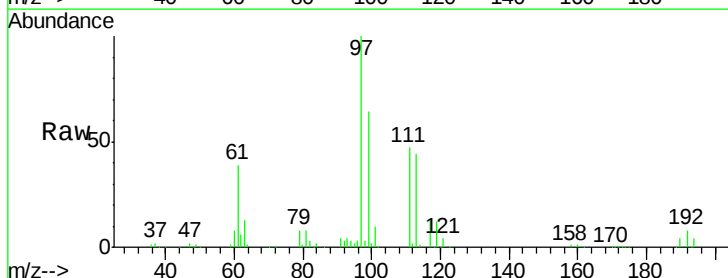
Manual Integrations
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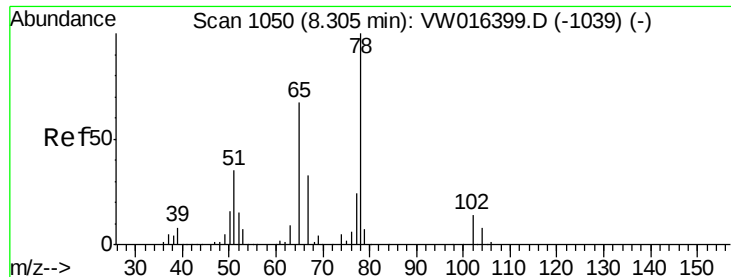
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#32
1,1,1-Trichloroethane
Concen: 48.370 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.0	78.0
61	38.7	31.0	46.6





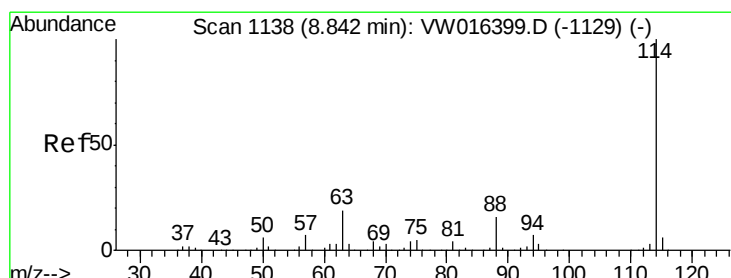
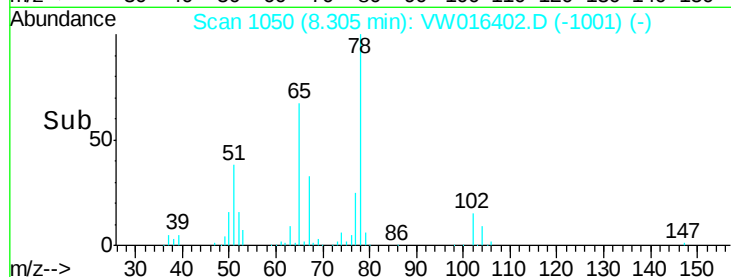
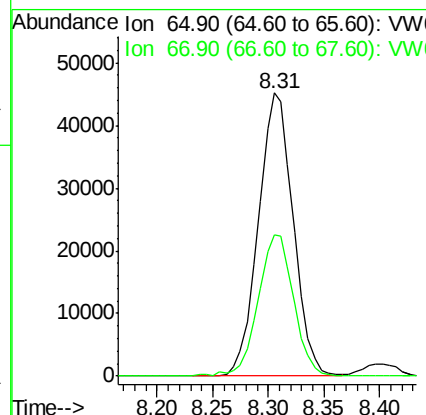
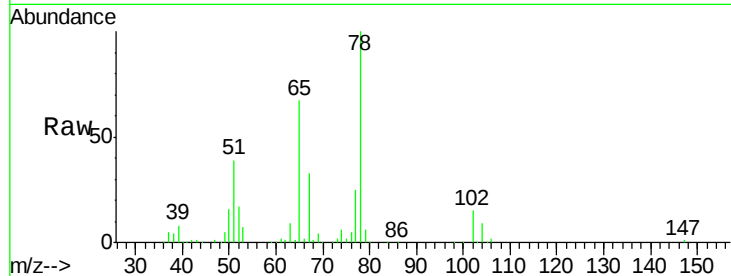
#33
 1,2-Dichloroethane-d4
 Concen: 50.349 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082820

Tot Ion	Ratio	Resp	Lower	Upper
65	100	98578		
67	50.8	0.0	100.2	

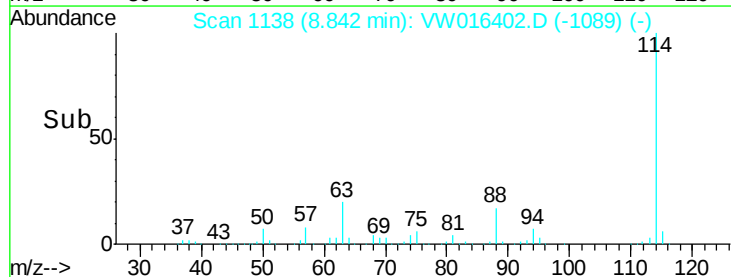
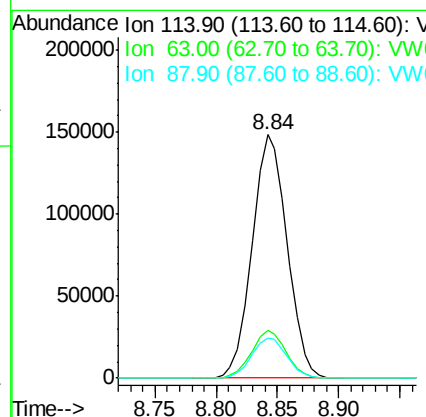
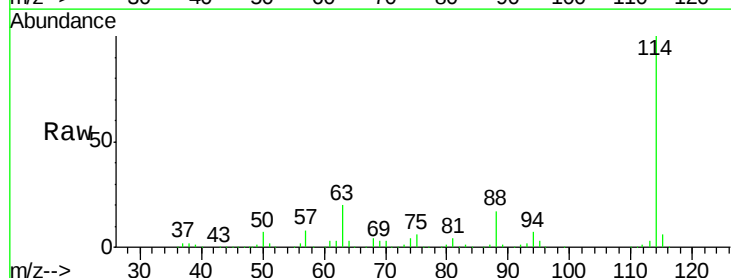
Manual Integrations
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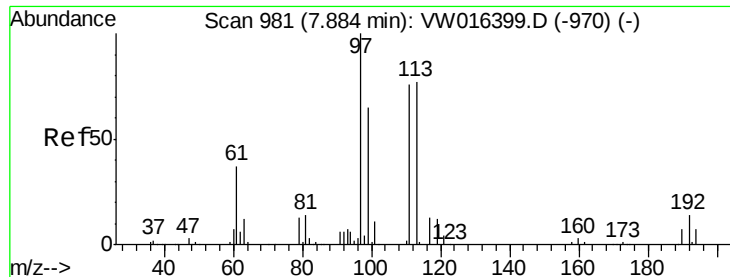
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 8/31/2020 11:59:21 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	294896		
63	19.9	0.0	37.8	
88	16.7	0.0	31.2	





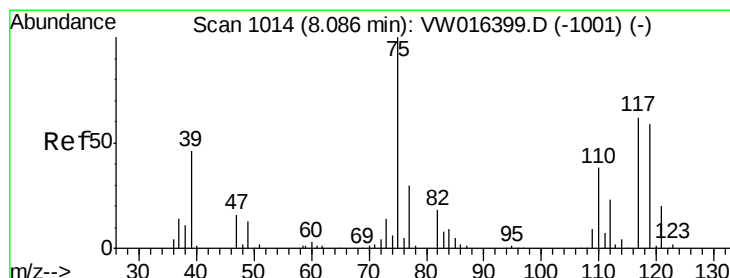
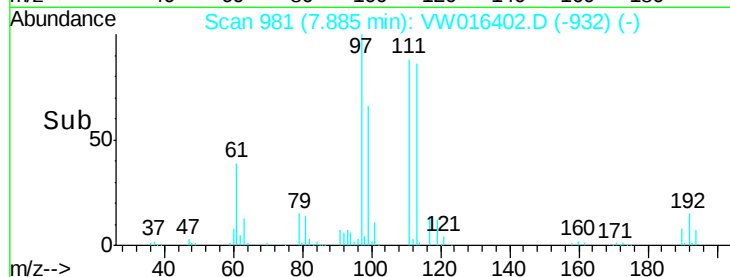
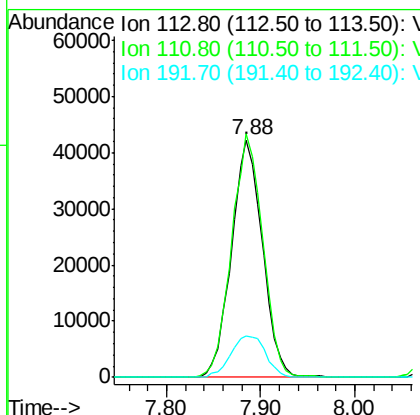
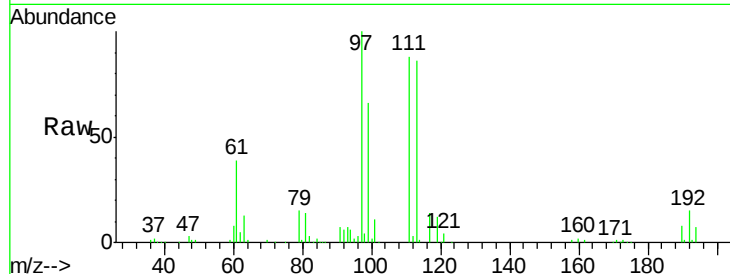
#35
Dibromofluoromethane
Concen: 51.660 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Resp	Lower	Upper
113	100	96430		
111	103.6	82.1	123.1	
192	19.6	15.5	23.3	

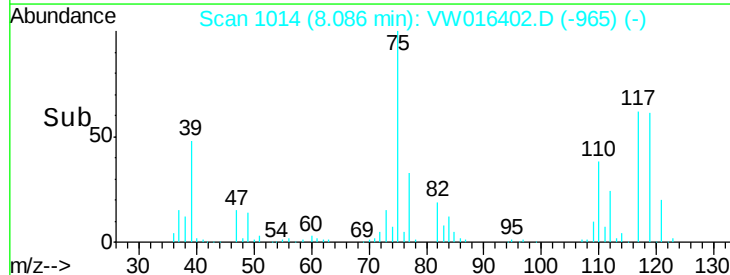
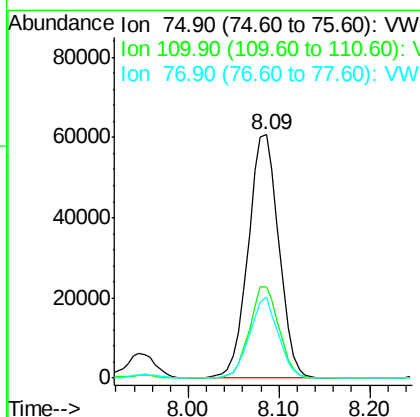
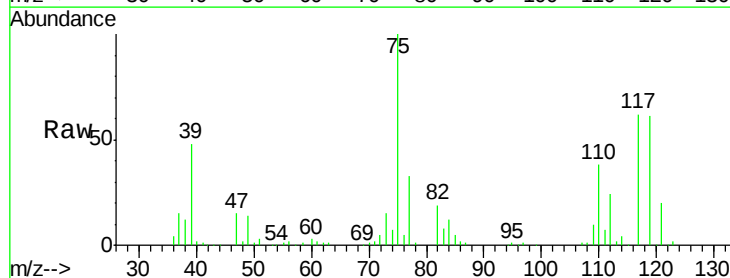
Manual Integrations
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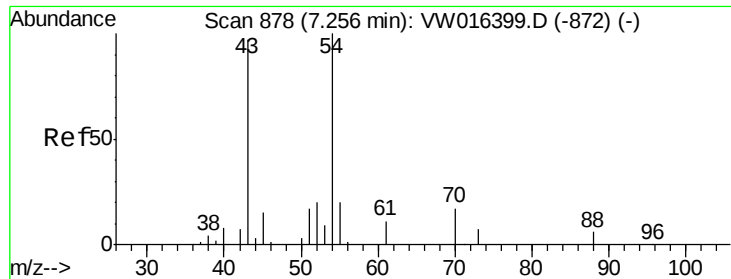
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#36
1,1-Dichloropropene
Concen: 50.580 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	141951		
110	36.3	18.6	56.0	
77	31.2	25.1	37.7	





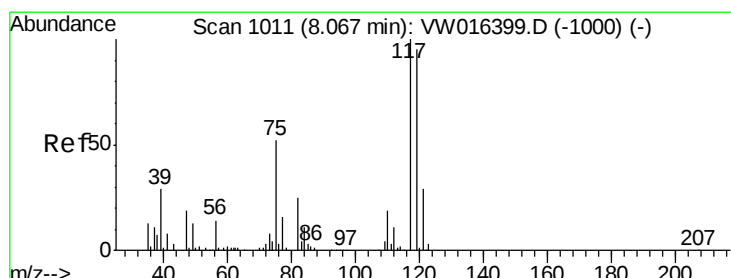
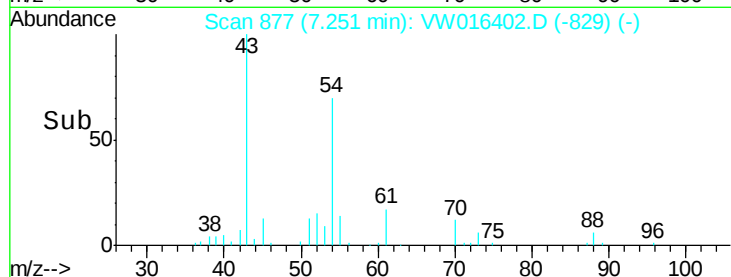
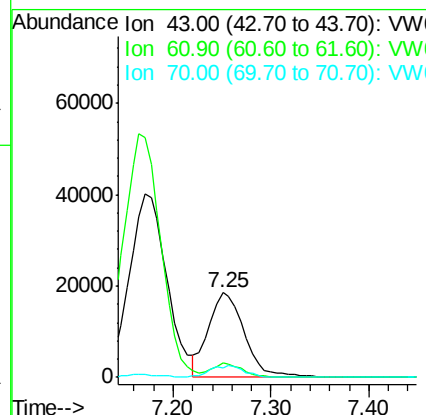
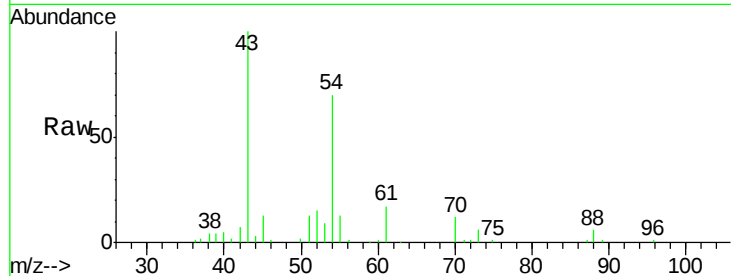
#37
Ethyl Acetate
Concen: 49.505 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	13.5	10.7	16.1

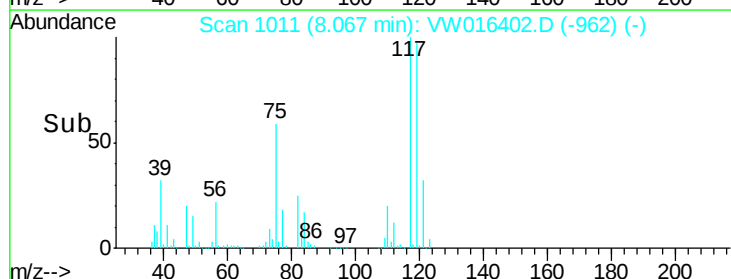
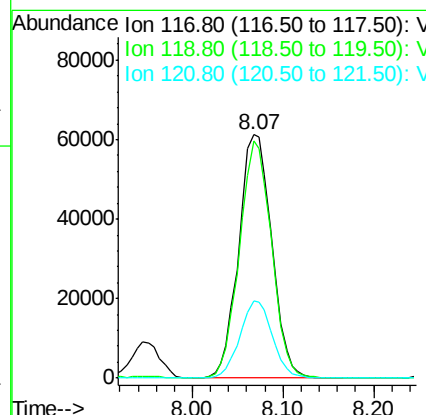
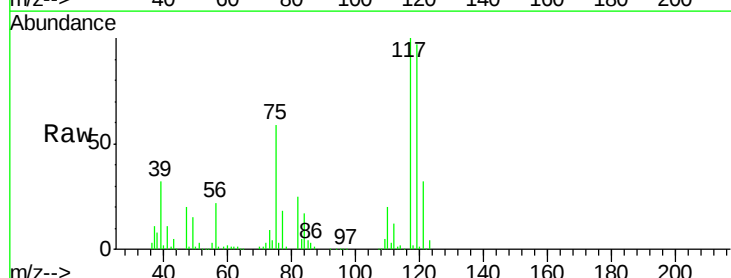
Manual Integrations
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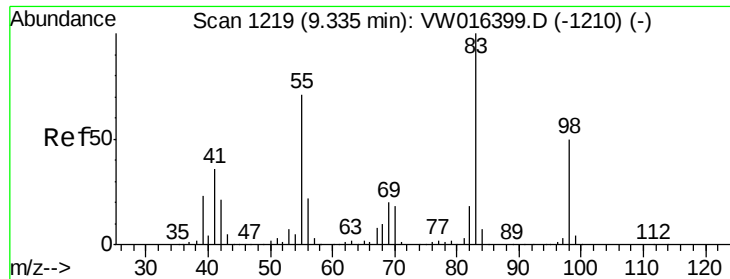
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#38
Carbon Tetrachloride
Concen: 50.342 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.3	114.5
121	31.6	23.0	34.6





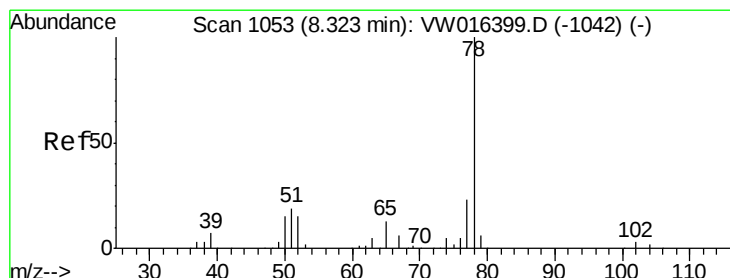
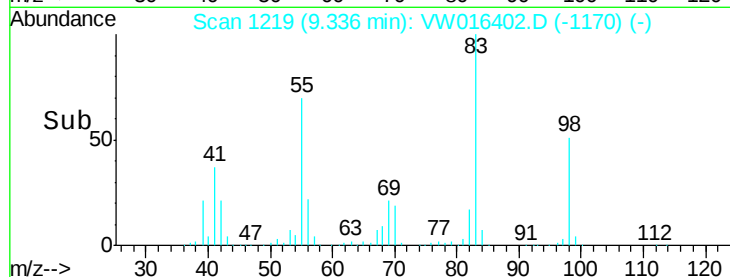
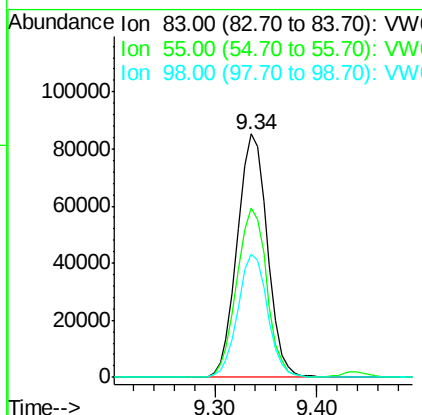
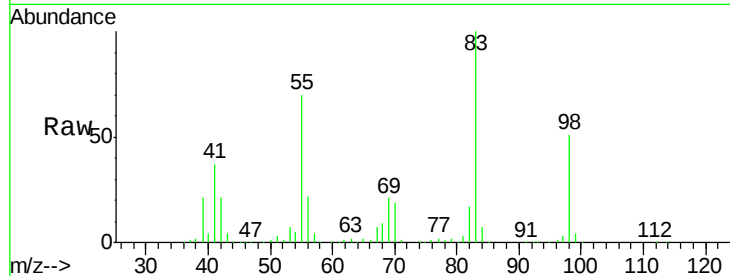
#39
Methvlcvclohexane
Concen: 51.523 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.7	57.0	85.6
98	50.9	39.9	59.9

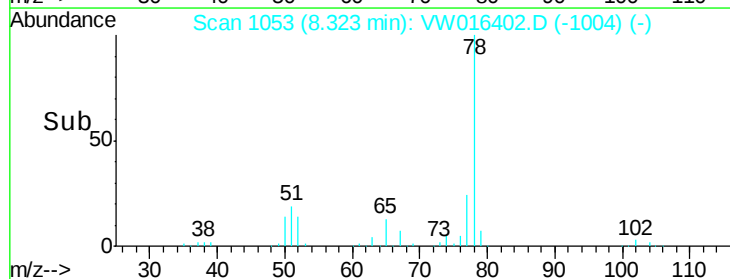
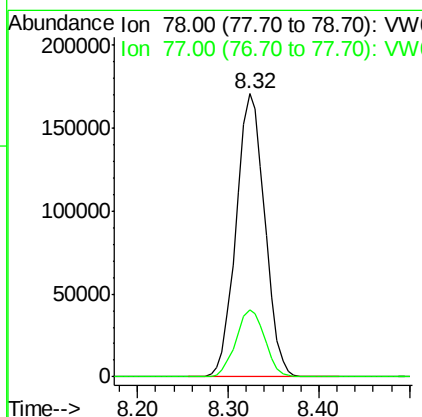
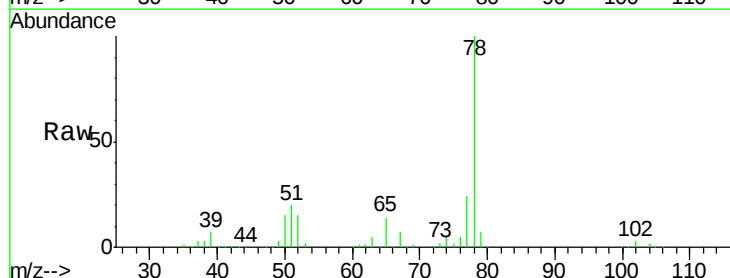
Manual Integrations
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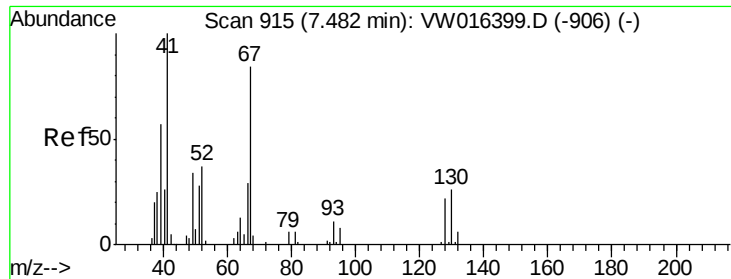
MMDadoda
8/31/2020 11:59:21 AM



#40
Benzene
Concen: 49.819 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	27.8





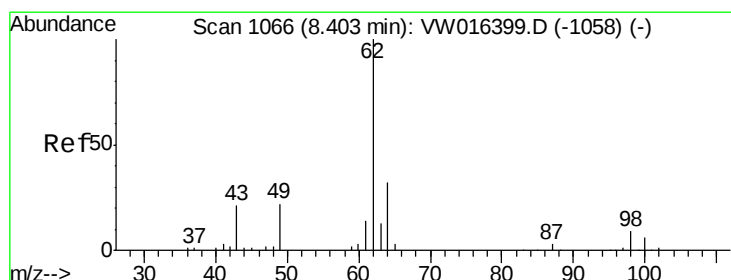
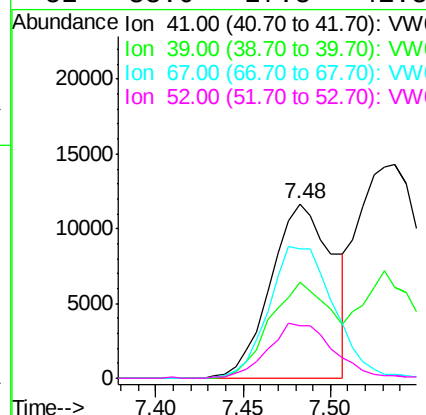
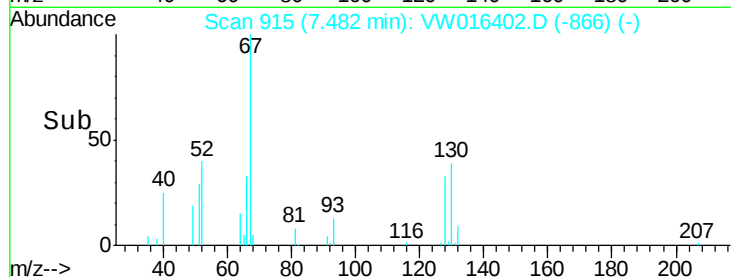
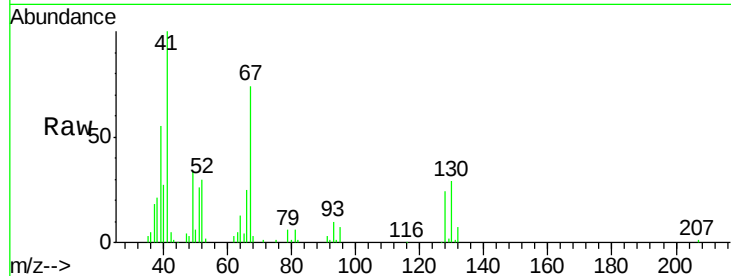
#41
Methacrylonitrile
Concen: 53.011 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion:	41	Resp:	29019
Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.4	68.2
67	78.8	65.8	98.6
52	33.0	27.8	41.8

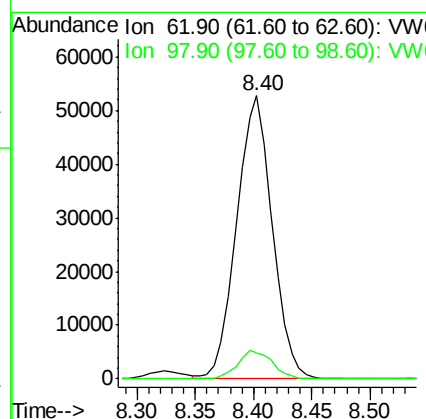
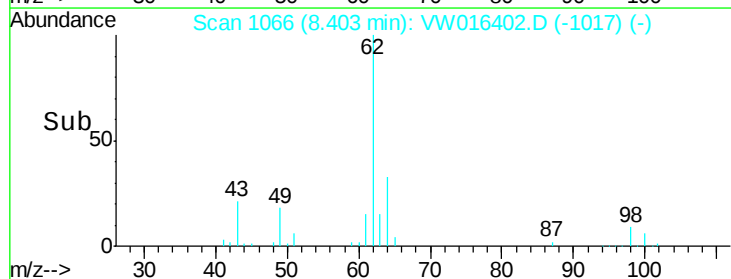
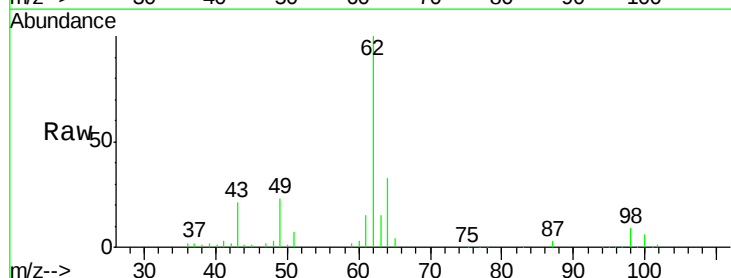
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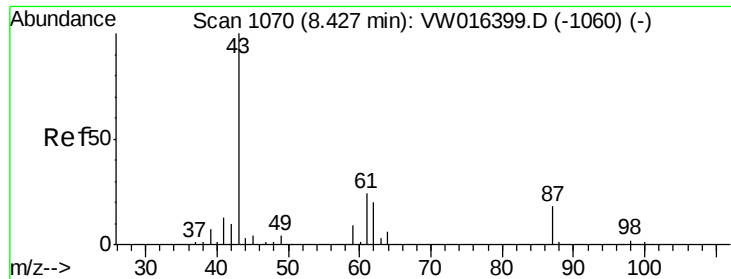
MMDadoda
8/31/2020 11:59:21 AM



#42
1,2-Dichloroethane
Concen: 49.083 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion:	62	Resp:	112489
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 49.592 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

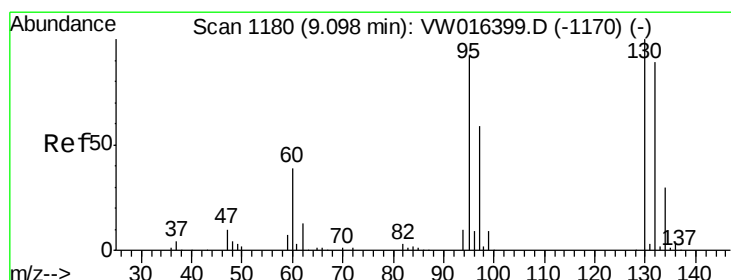
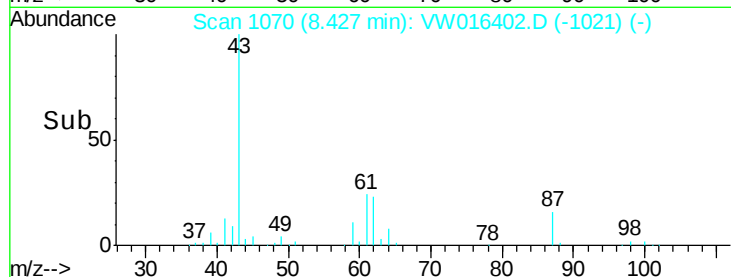
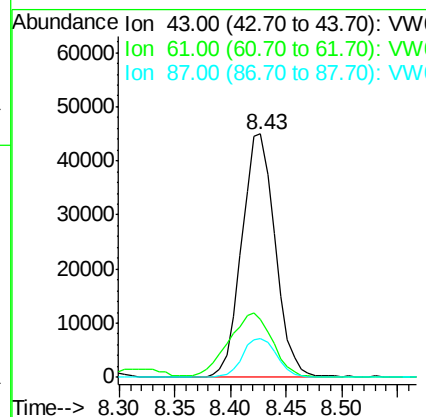
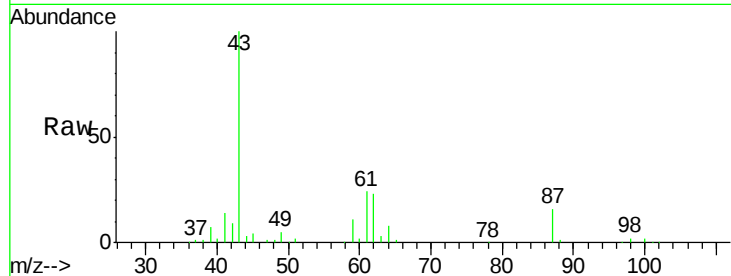
ClientSampleId :

ICVW082820

Tot Ion:	43	Resp:	94091
Ion	Ratio	Lower	Upper
43	100		
61	34.6	27.5	41.3
87	16.4	13.5	20.3

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#44

Trichloroethene

Concen: 48.757 ug/l

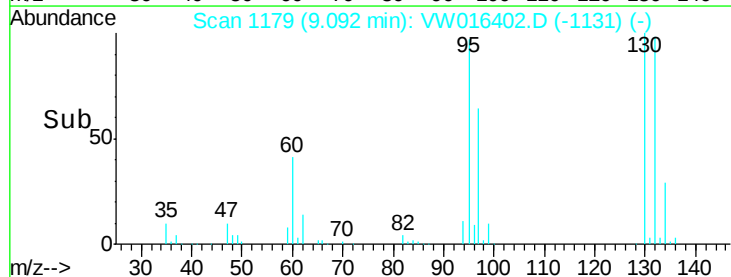
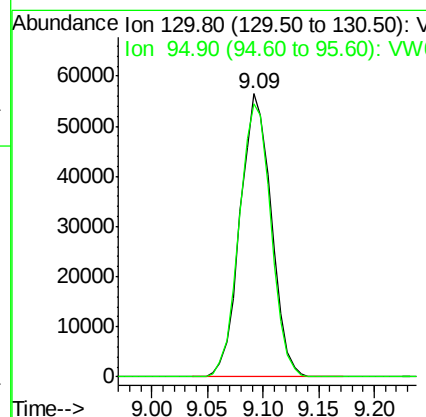
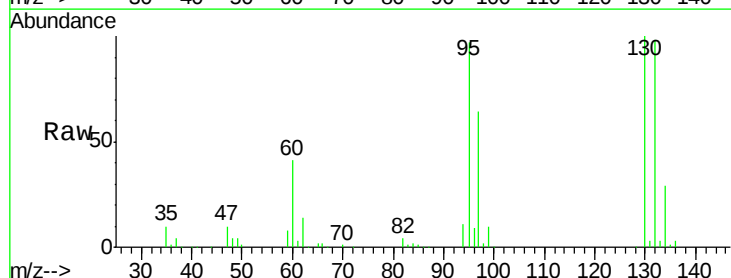
RT: 9.09 min Scan# 1179

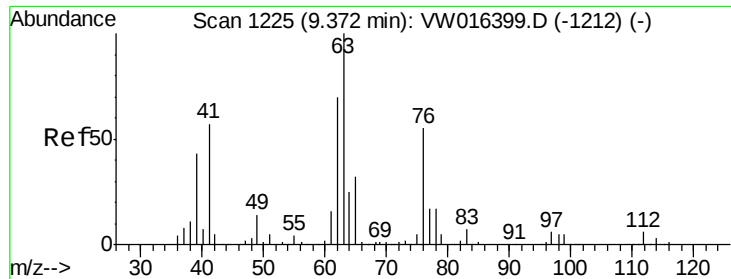
Delta R.T. -0.01 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Tgt Ion:	130	Resp:	109613
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	183.4





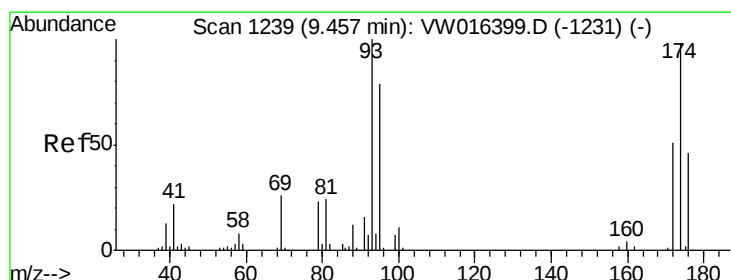
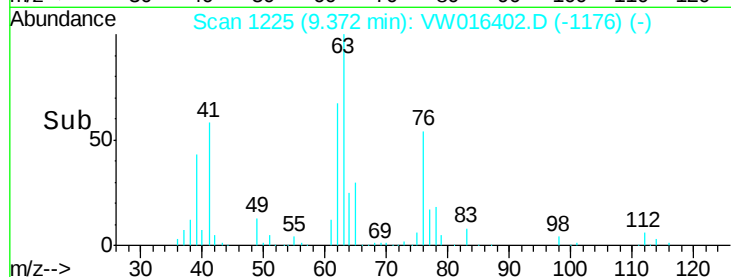
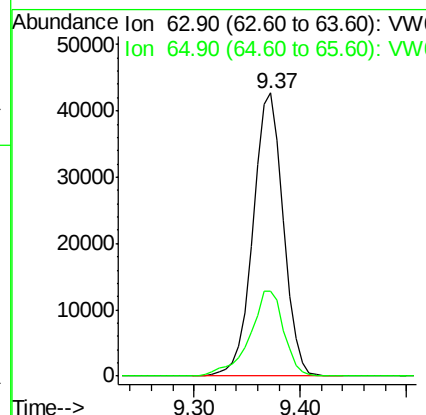
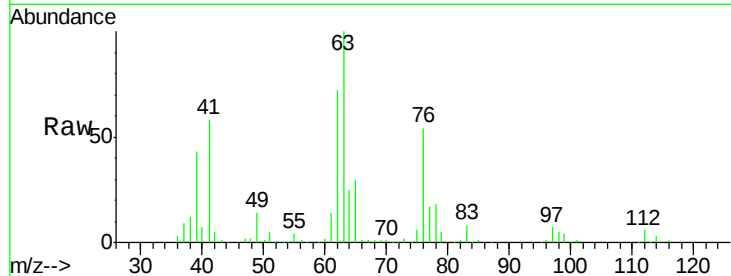
#45
 1,2-Dichloropropane
 Concen: 48.950 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082820

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.4	38.0

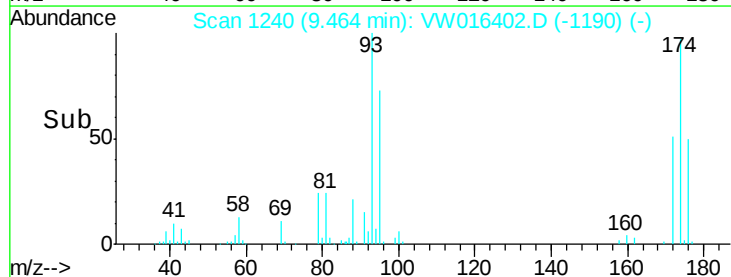
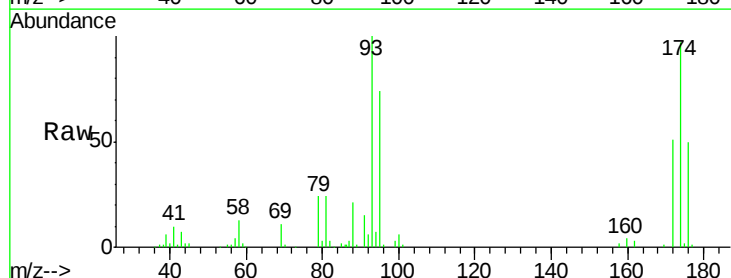
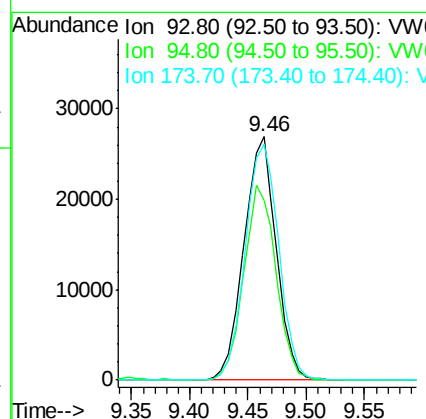
Manual Integrations
 APPROVED

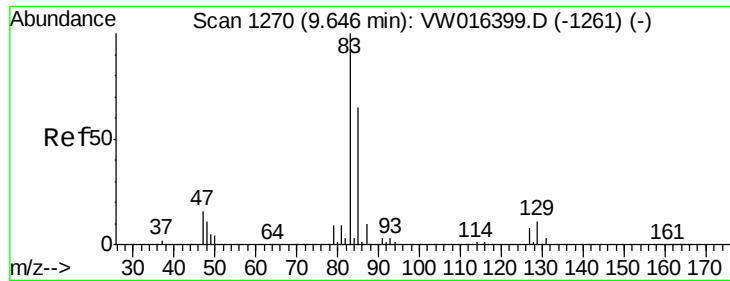
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 8/31/2020 11:59:21 AM



#46
 Dibromomethane
 Concen: 50.330 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.1	65.3	97.9
174	100.8	80.1	120.1





#47

Bromodichloromethane

Concen: 50.055 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

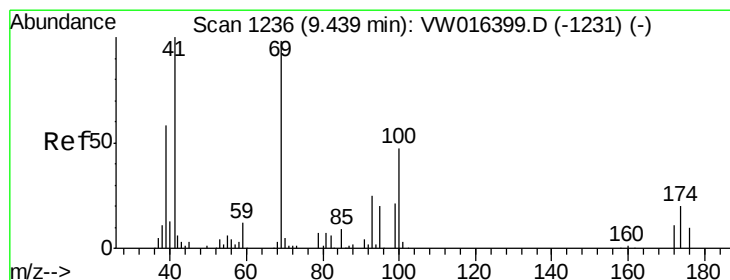
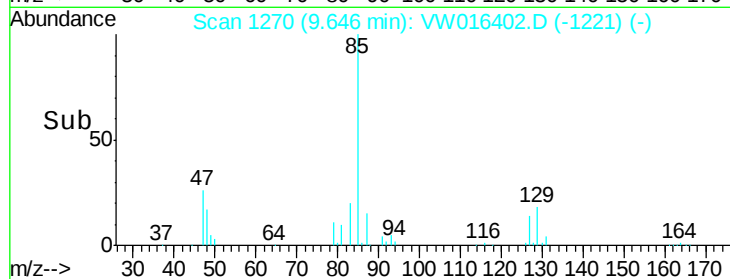
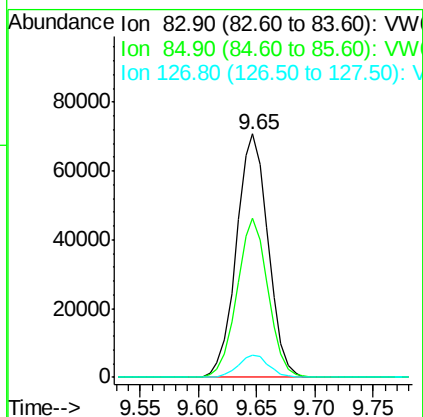
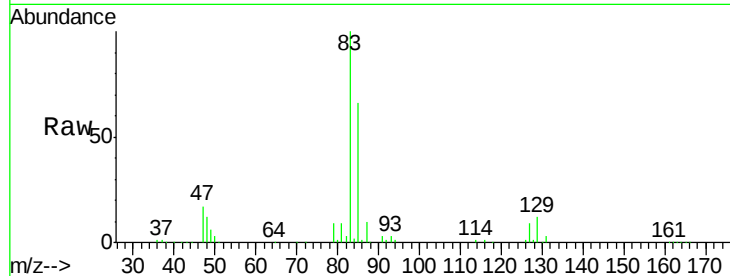
ClientSampleId :

ICVW082820

Tot Ion:	83	Resp:	133693
Ion Ratio	Lower	Upper	
83	100		
85	65.6	52.2	78.2
127	9.1	6.8	10.2

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#48

Methyl methacrylate

Concen: 49.939 ug/l

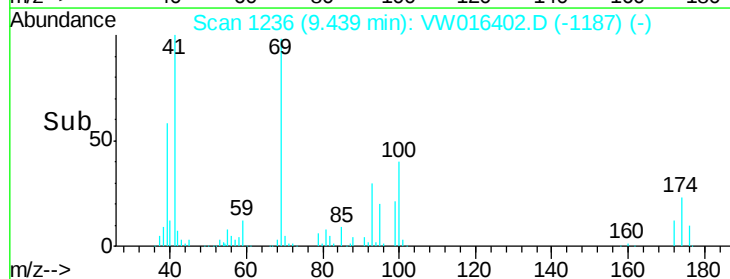
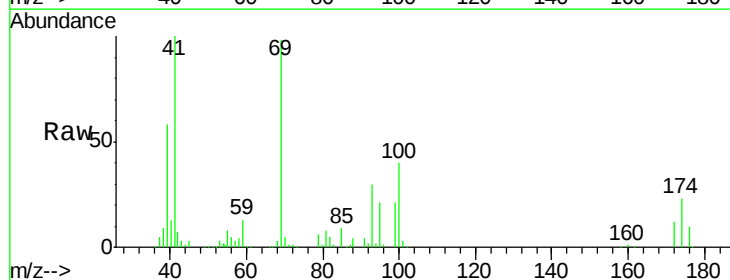
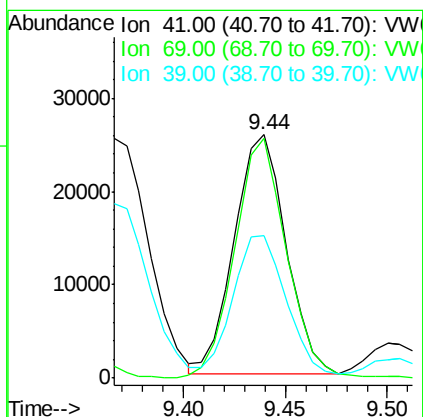
RT: 9.44 min Scan# 1236

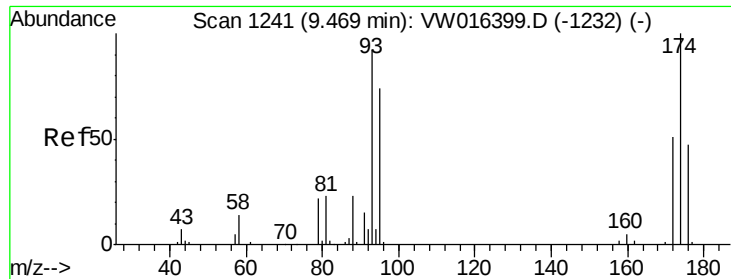
Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Tgt Ion:	41	Resp:	45174
Ion Ratio	Lower	Upper	
41	100		
69	100.8	83.5	125.3
39	57.6	48.7	73.1





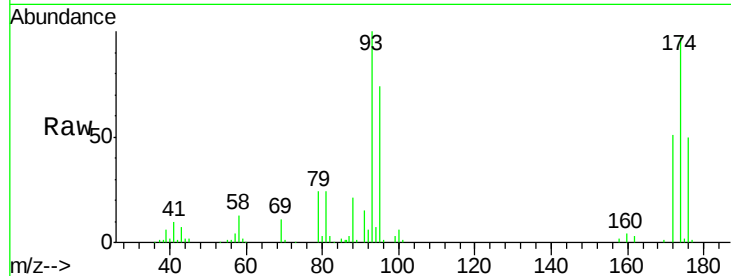
#49
1,4-Dioxane
Concen: 995.638 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Resp	Lower	Upper
88	100	14045		
43	0.0	0.0	0.0	0.0
58	65.5	53.5	80.3	

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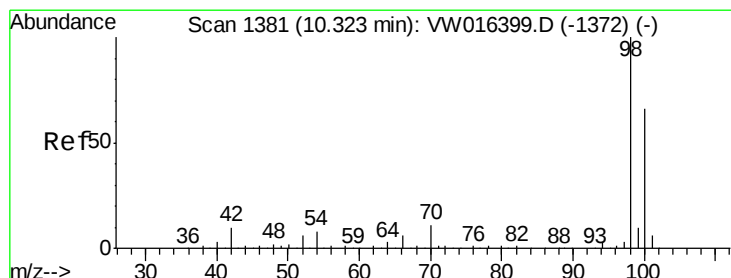
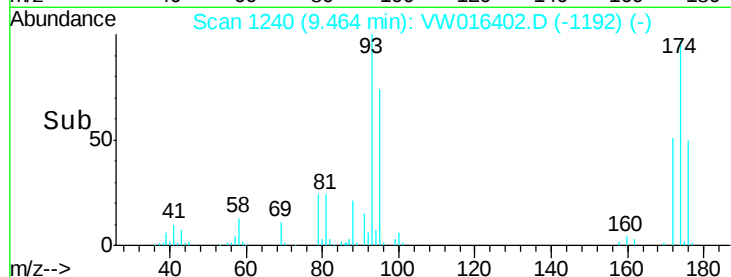
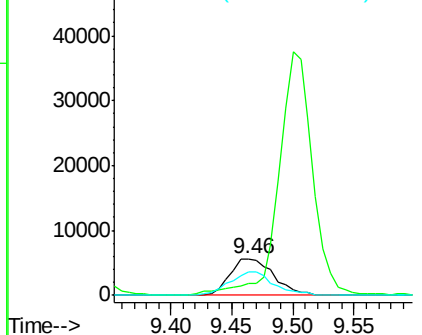


Abundance

Ion 88.00 (87.70 to 88.70): VW

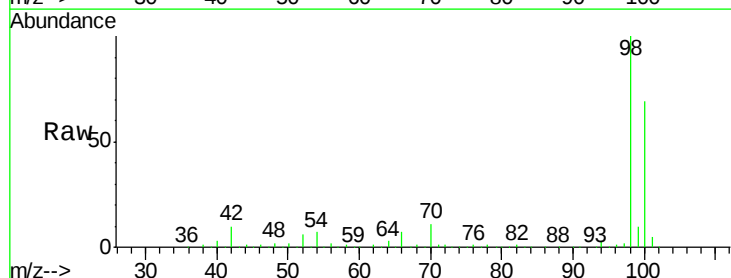
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 53.106 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

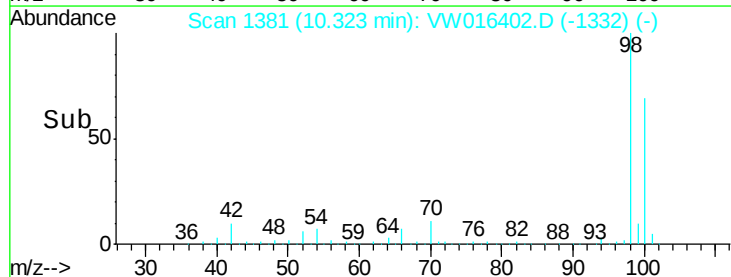
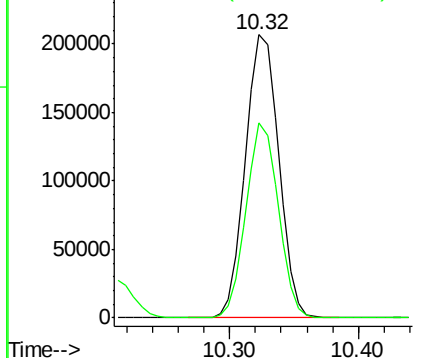
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	371197		
100	66.5	52.6	78.8	

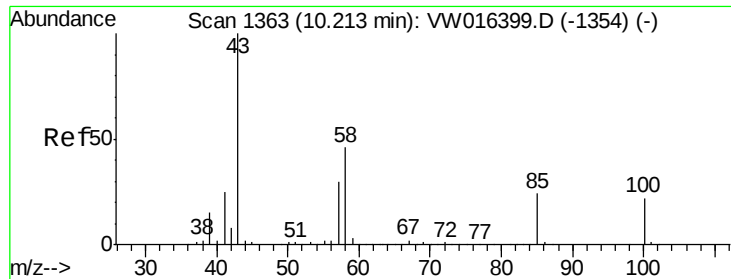


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 246.444 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

ICVW082820

Tot Ion: 43 Resp: 231202

Ion Ratio Lower Upper

43 100

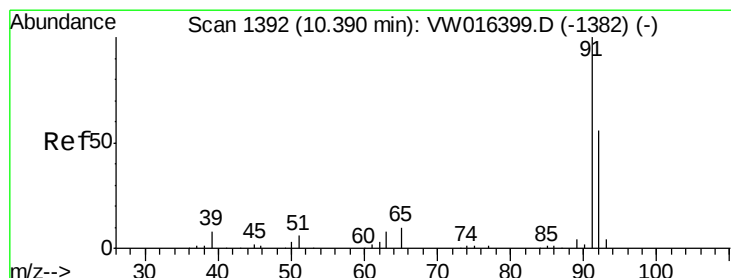
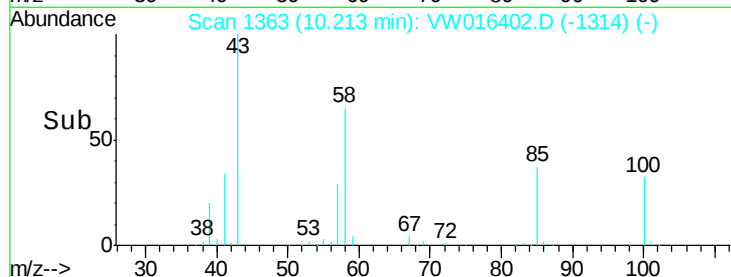
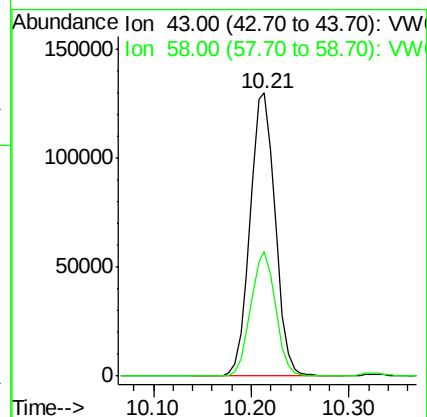
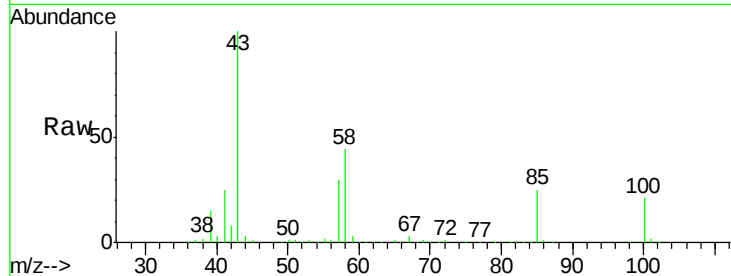
58 43.4 35.4 53.0

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#52

Toluene

Concen: 50.155 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016402.D

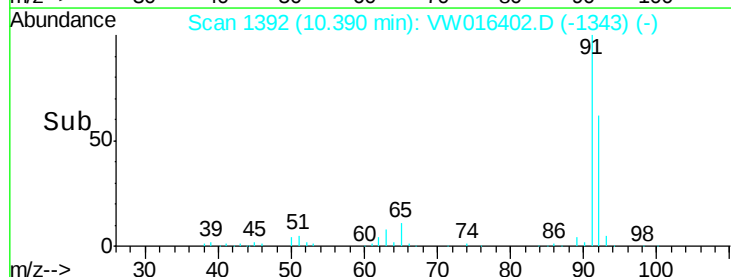
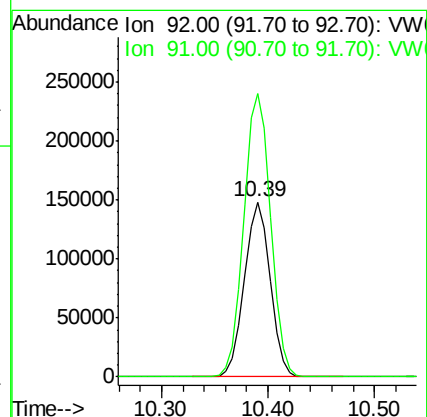
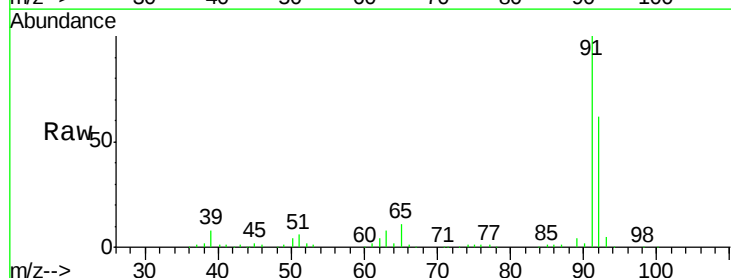
Acq: 28 Aug 2020 15:20

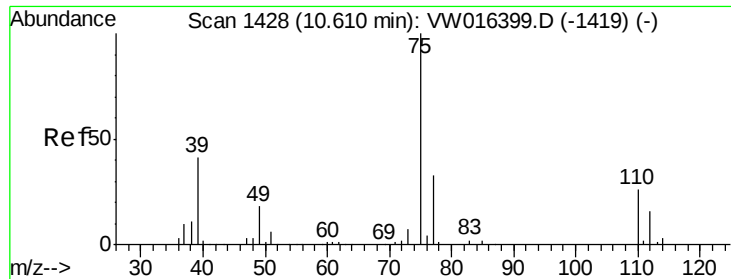
Tgt Ion: 92 Resp: 252660

Ion Ratio Lower Upper

92 100

91 168.3 137.1 205.7





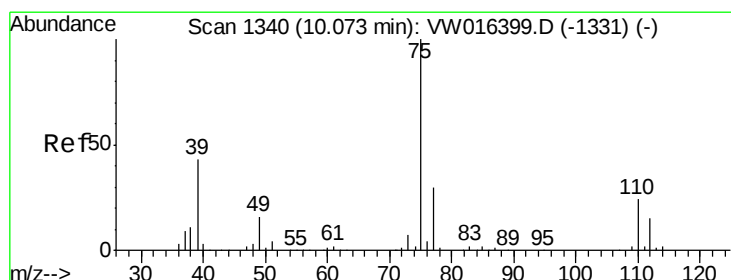
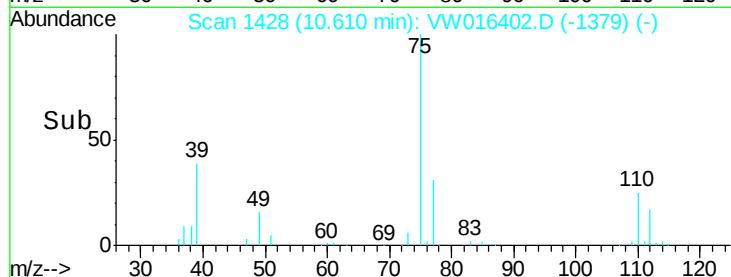
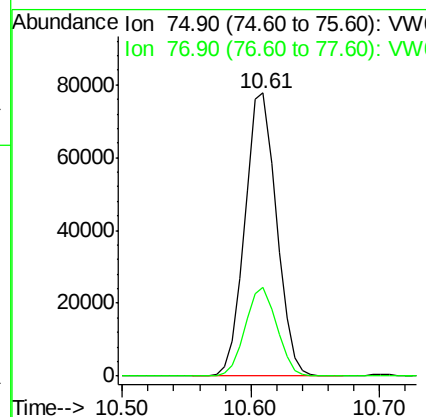
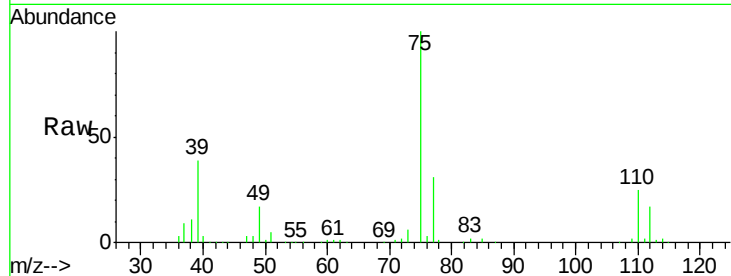
#53
t-1,3-Dichloropropene
Concen: 50.894 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion: 75 Resp: 132199
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1

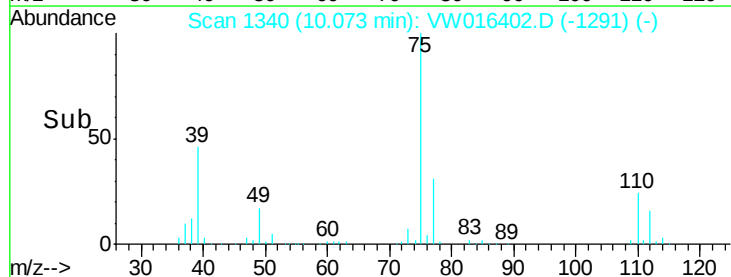
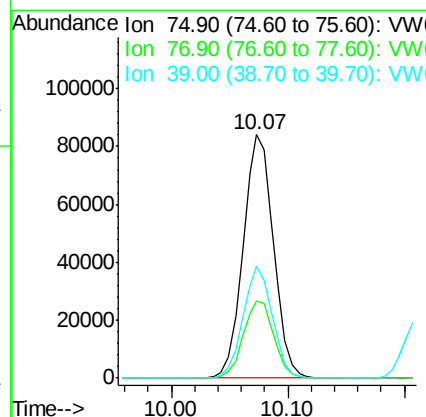
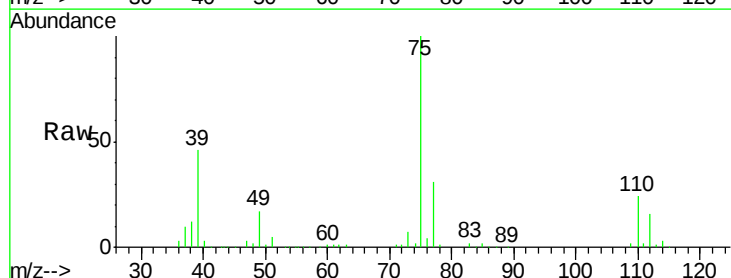
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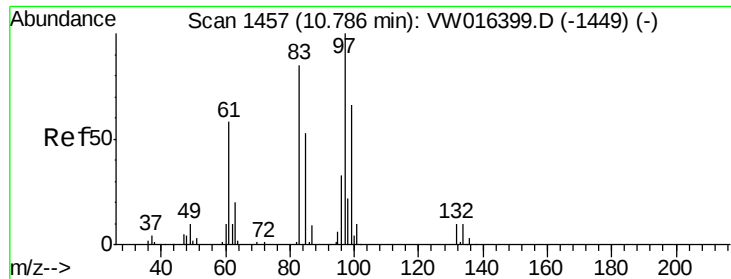
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#54
cis-1,3-Dichloropropene
Concen: 50.102 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion: 75 Resp: 151638
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6
39 45.7 34.6 51.8





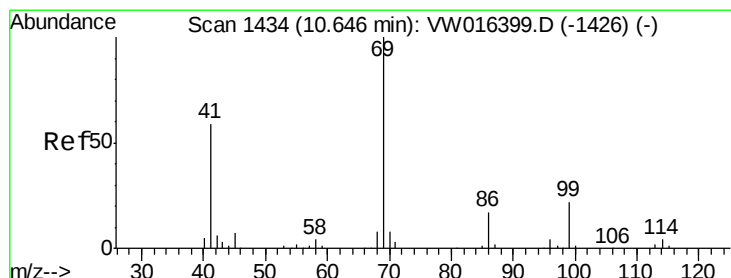
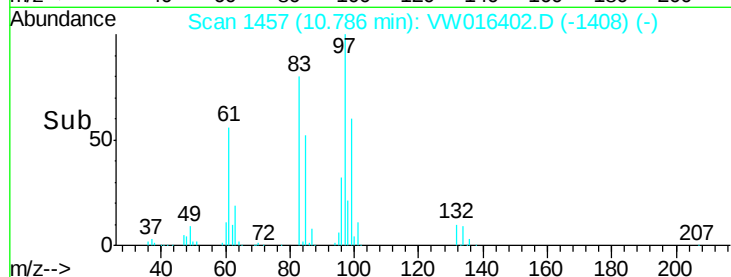
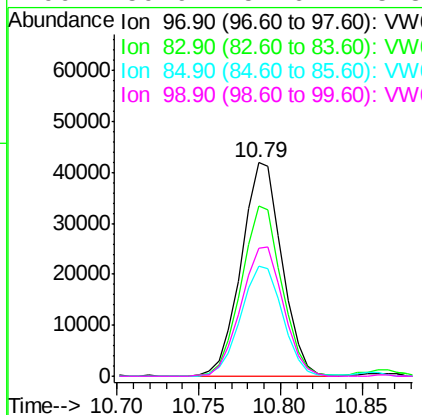
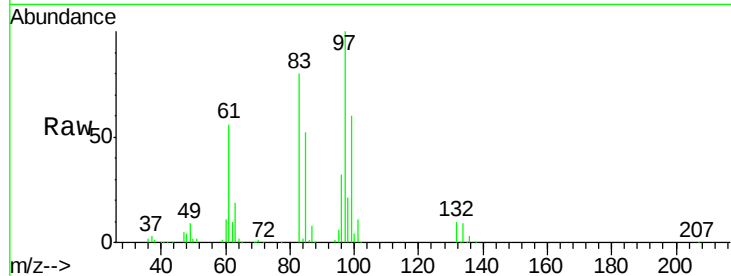
#55
 1,1,2-Trichloroethane
 Concen: 49.439 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082820

Tot Ion:	97	Resp:	72999
Ion	Ratio	Lower	Upper
97	100		
83	79.4	68.0	102.0
85	51.5	42.2	63.2
99	59.9	52.6	78.8

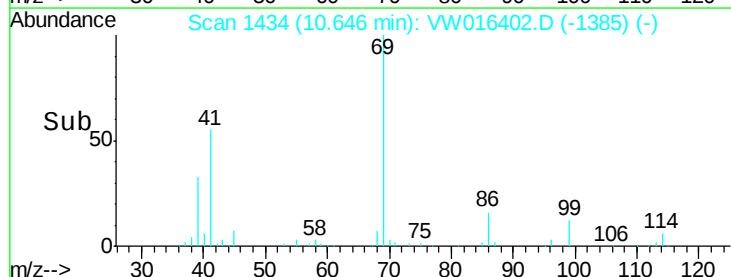
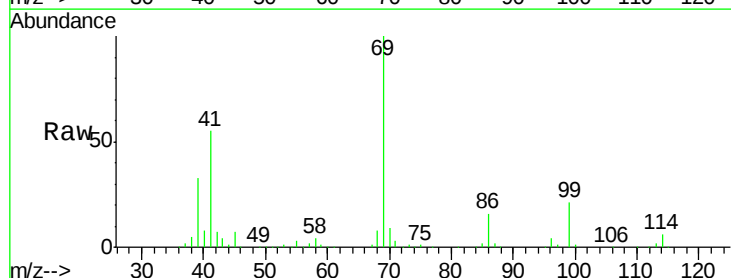
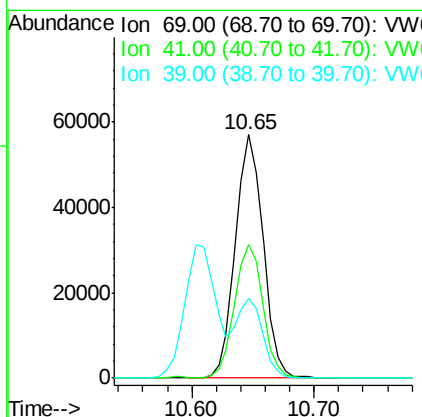
Manual Integrations
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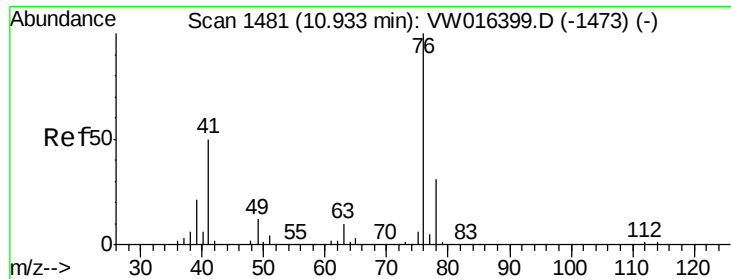
MMDadoda
 8/31/2020 11:59:21 AM



#56
 Ethyl methacrylate
 Concen: 51.894 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Tgt Ion:	69	Resp:	89540
Ion	Ratio	Lower	Upper
69	100		
41	54.9	46.5	69.7
39	32.1	26.2	39.2





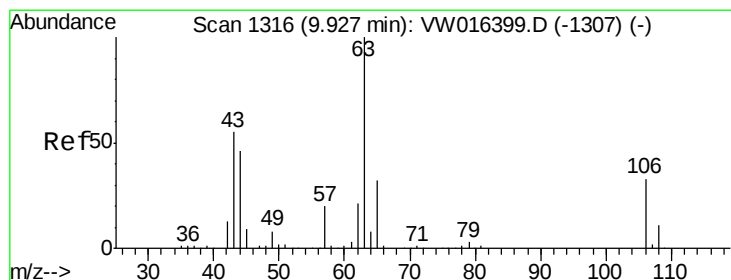
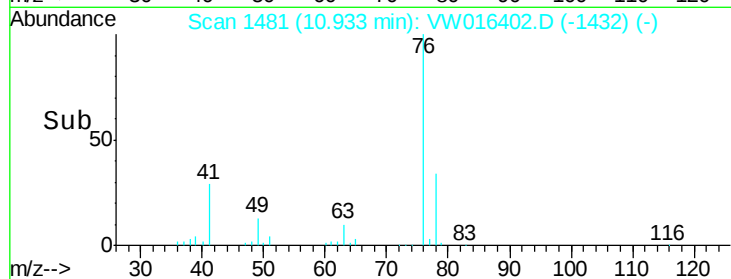
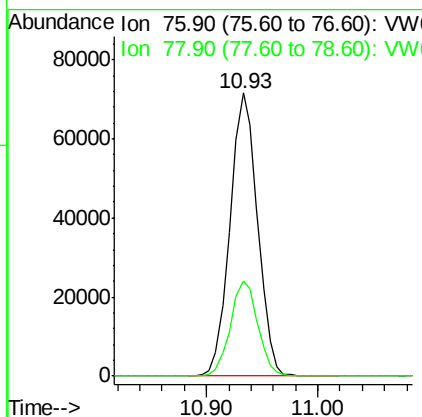
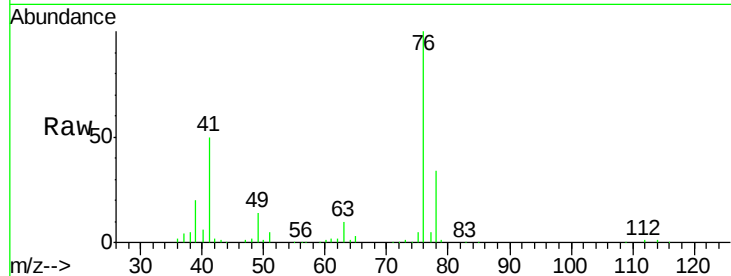
#57
 1,3-Dichloropropane
 Concen: 49.705 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082820

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.5	26.1	39.1

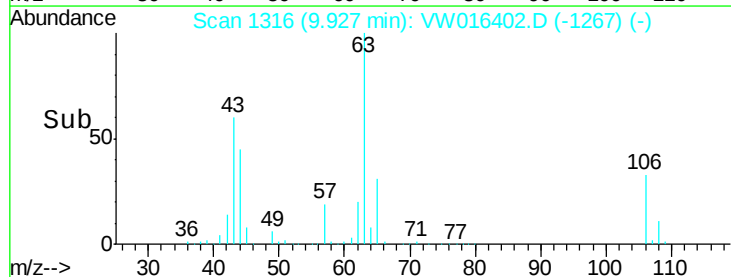
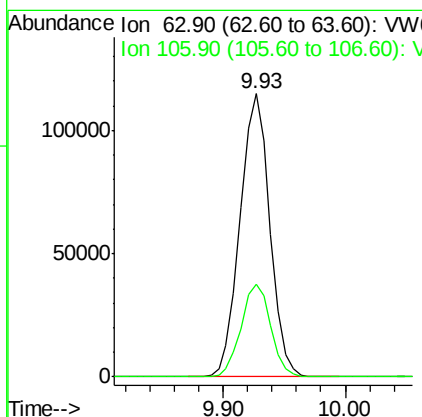
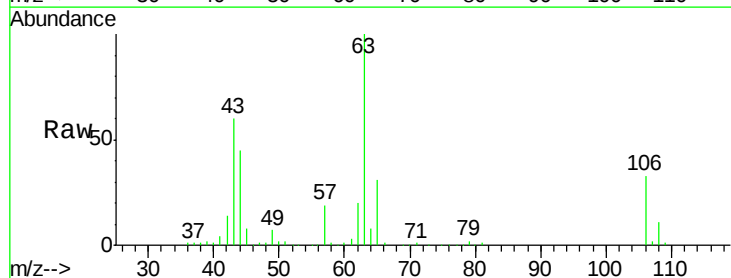
Manual Integrations
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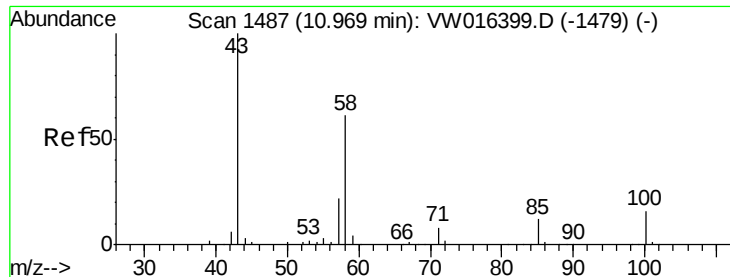
MMDadoda
 8/31/2020 11:59:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.238 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.7	26.6	40.0





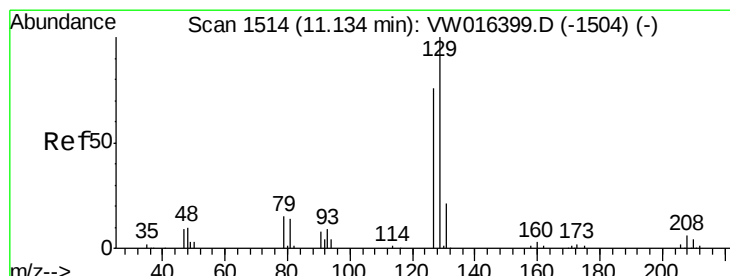
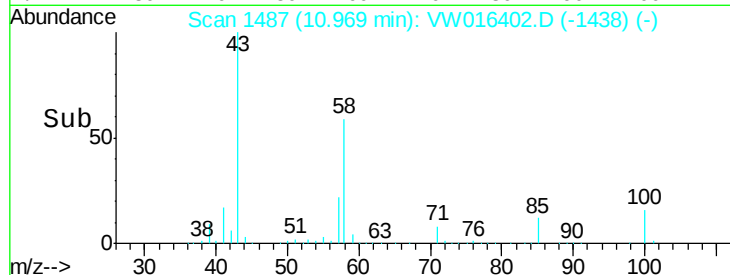
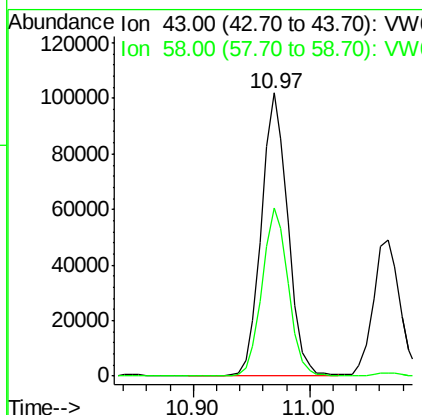
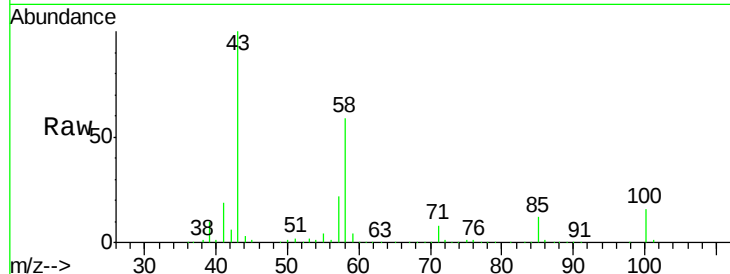
#59
2-Hexanone
Concen: 252.763 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion: 43 Resp: 161780
Ion Ratio Lower Upper
43 100
58 58.8 29.7 89.1

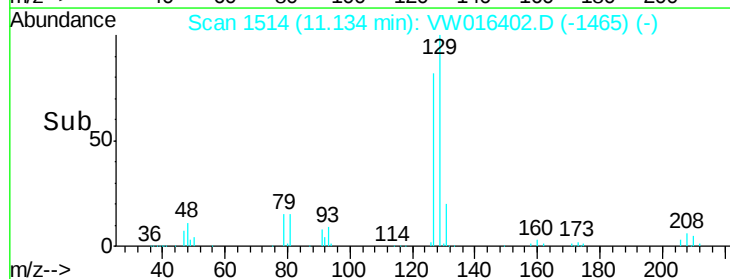
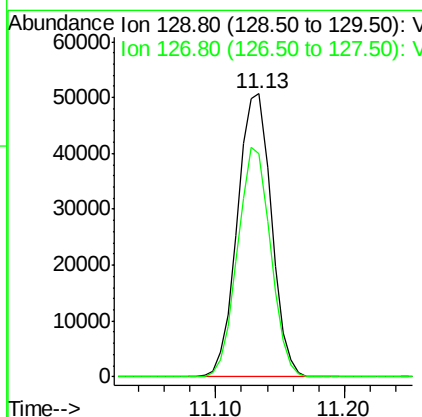
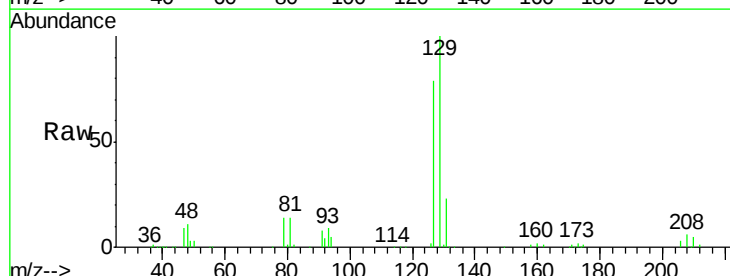
Manual Integrations
APPROVED

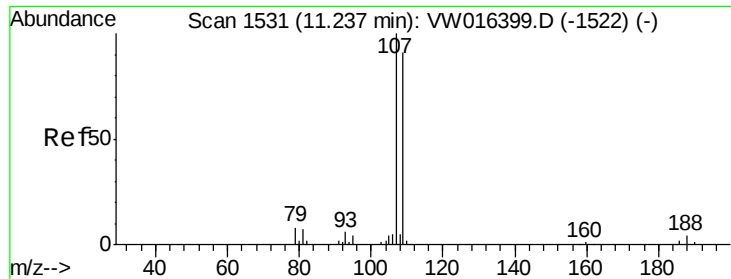
MMDadoda
8/31/2020 11:59:21 AM



#60
Dibromochloromethane
Concen: 49.700 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion: 129 Resp: 92789
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.7





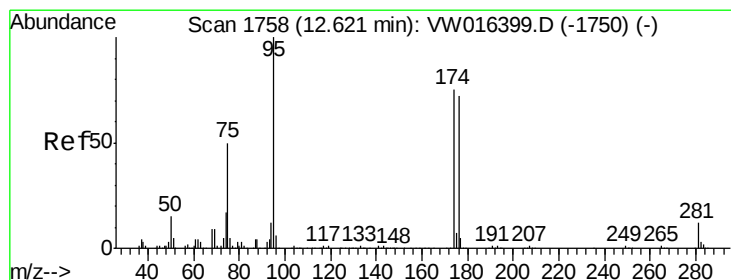
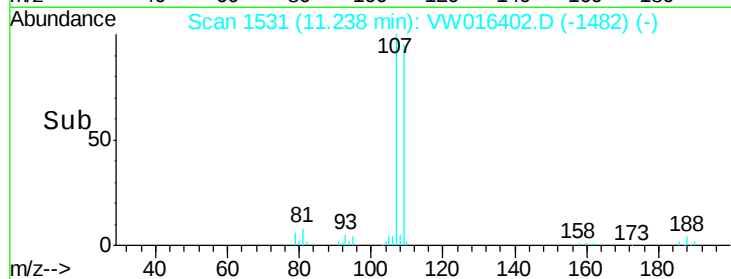
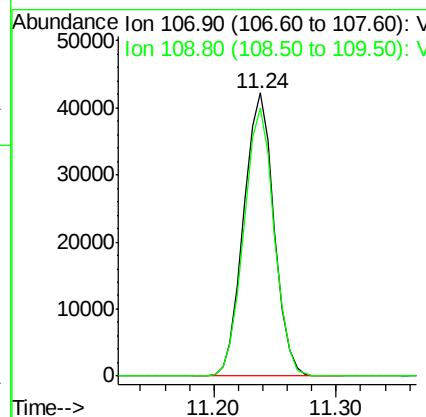
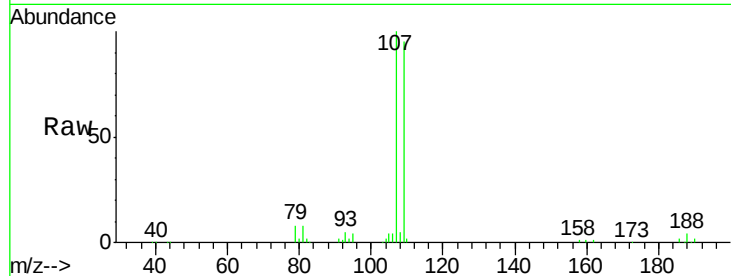
#61
 1,2-Dibromoethane
 Concen: 50.087 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082820

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	74.5	111.7

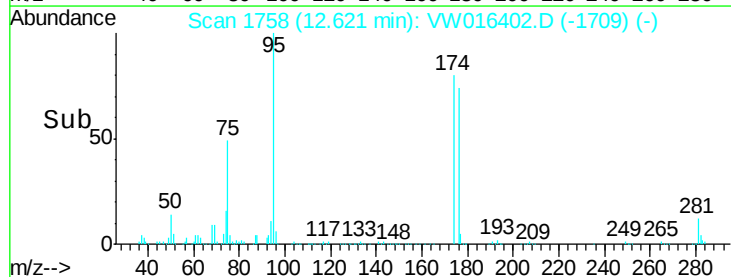
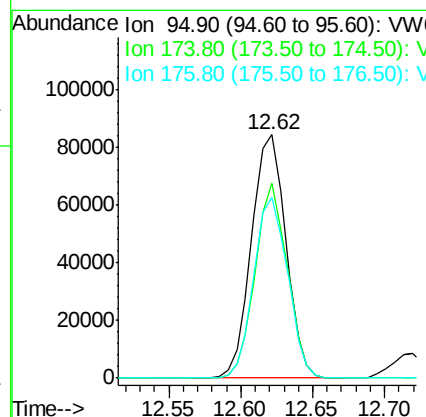
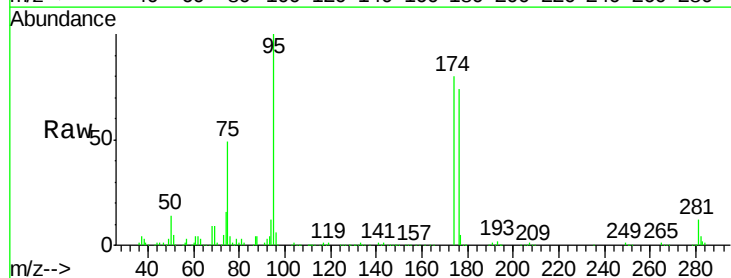
Manual Integrations
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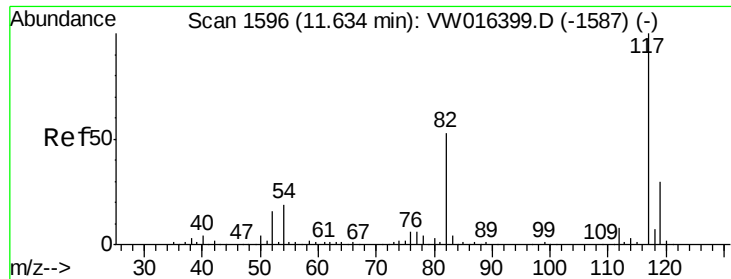
MMDadoda
 8/31/2020 11:59:21 AM



#62
 4-Bromofluorobenzene
 Concen: 53.115 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	152.0
176	73.0	0.0	145.6





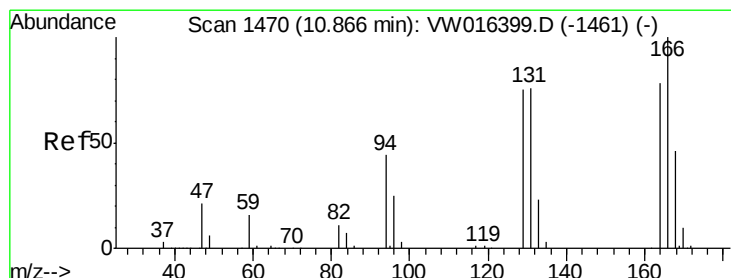
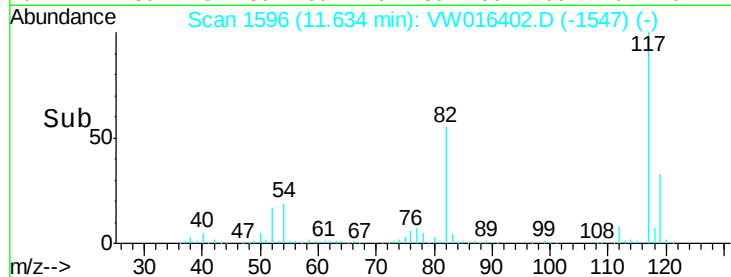
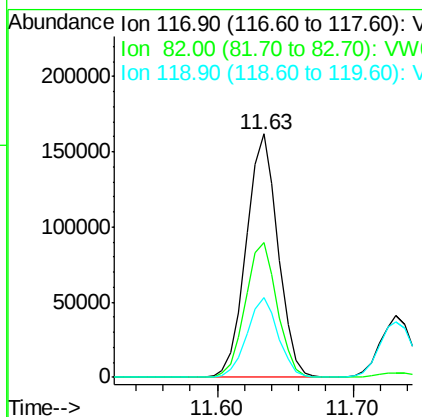
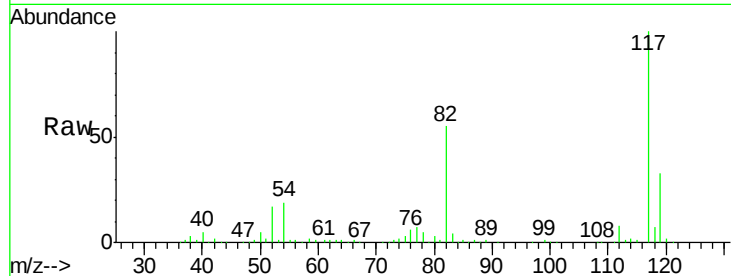
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.2	63.4
119	32.6	24.2	36.4

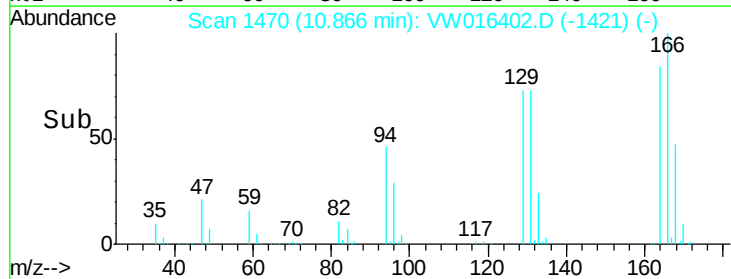
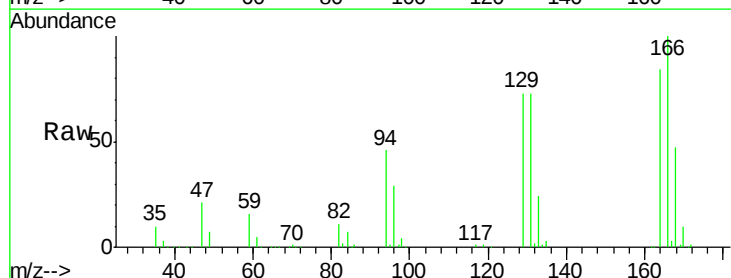
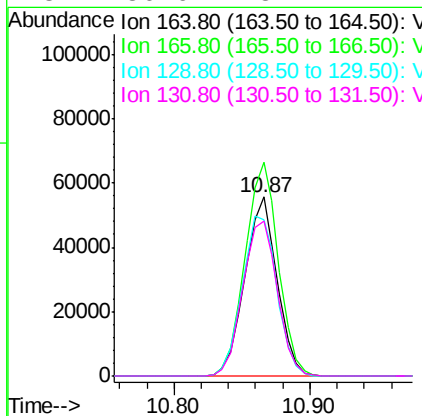
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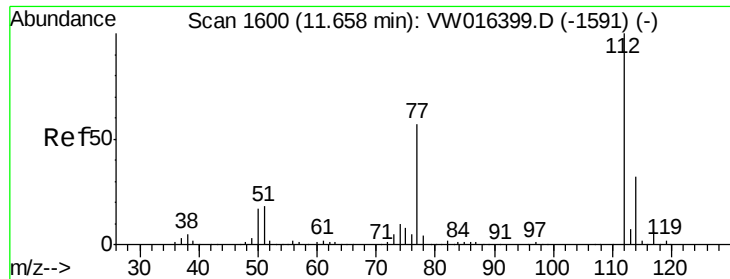
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#64
Tetrachloroethene
Concen: 50.925 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.2	103.1	154.7
129	87.1	77.3	115.9
131	86.6	78.2	117.2





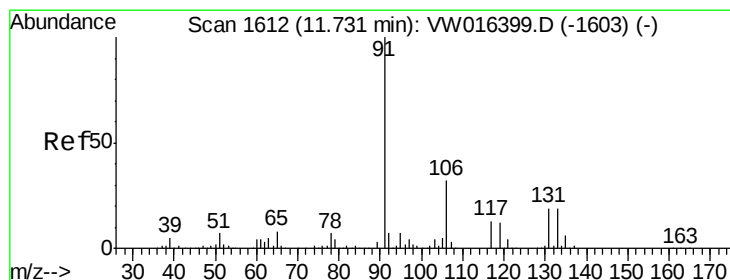
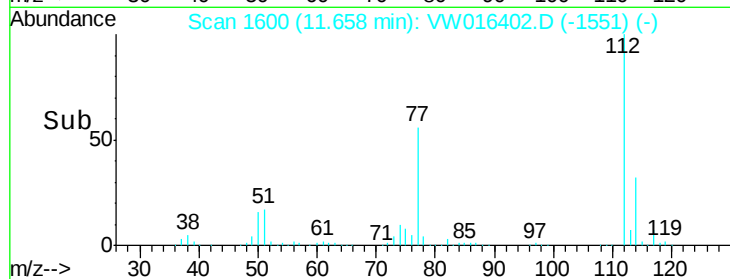
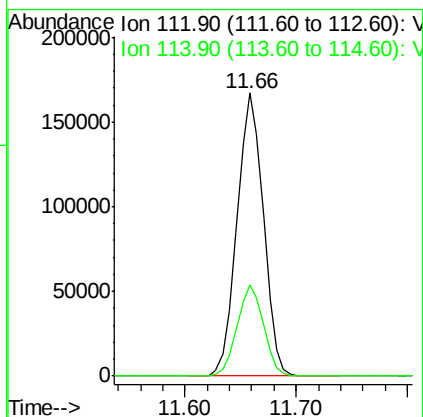
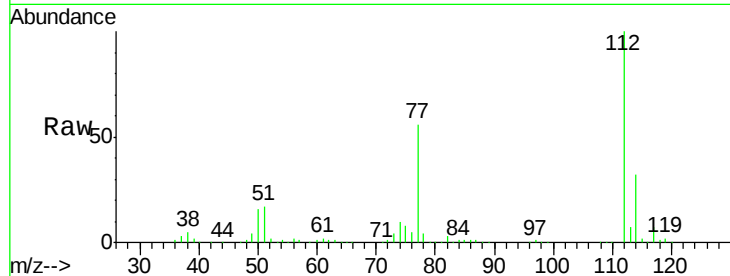
#65
Chlorobenzene
Concen: 50.369 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.4	38.2

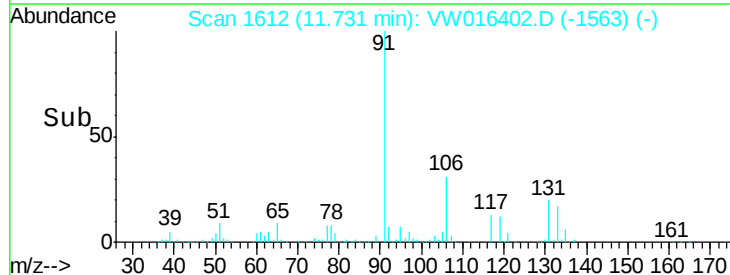
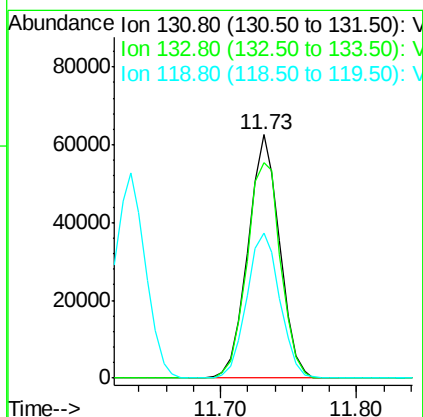
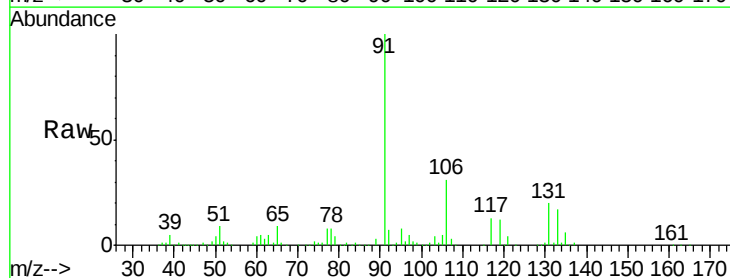
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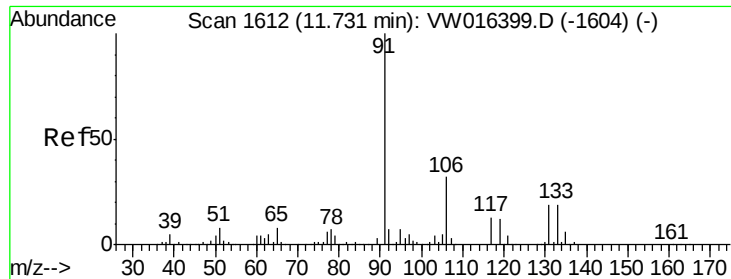
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.637 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	46.9	140.6
119	62.4	31.6	95.0





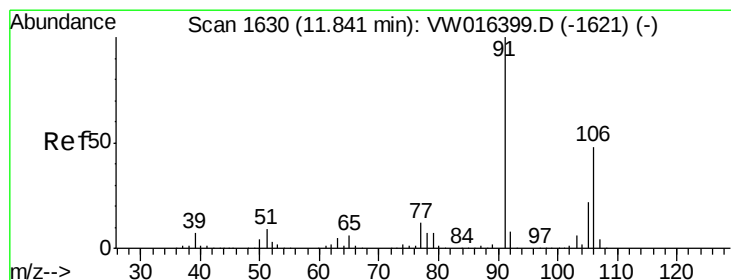
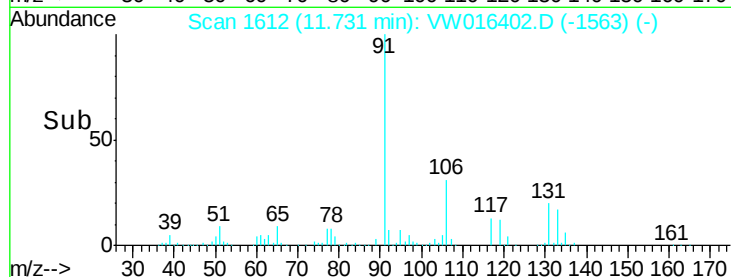
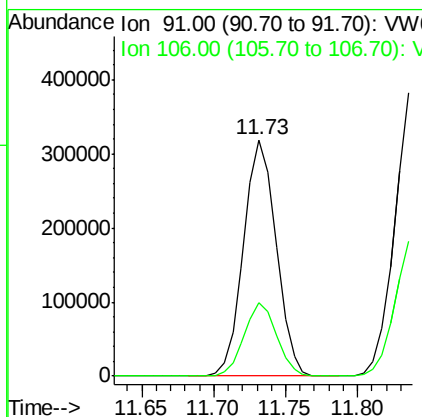
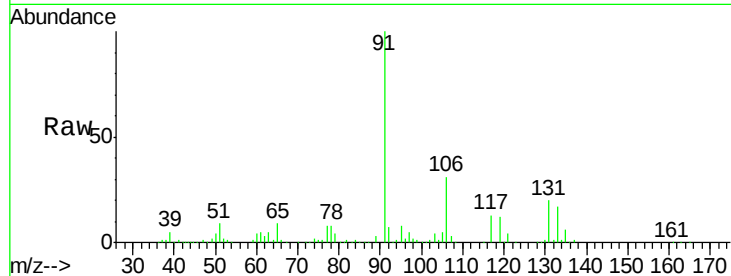
#67
Ethyl Benzene
Concen: 51.596 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion: 91 Resp: 500275
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

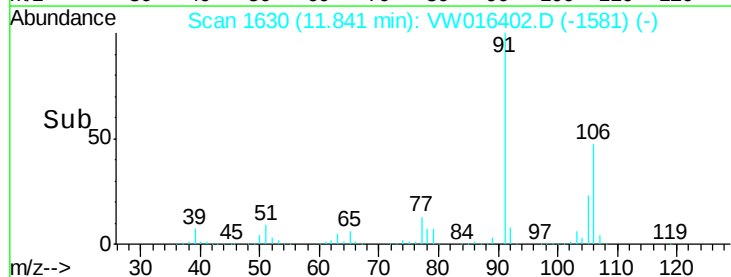
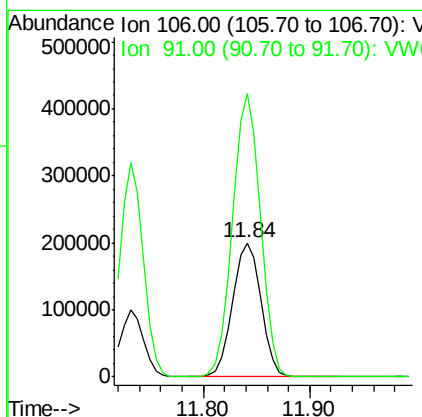
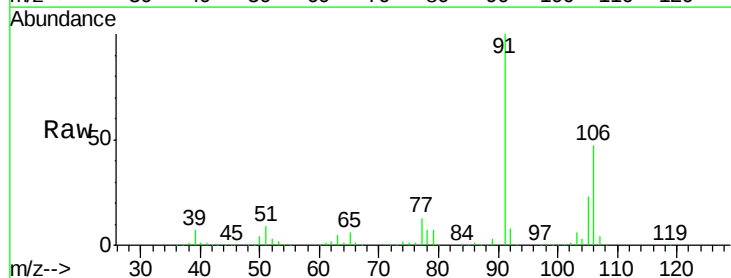
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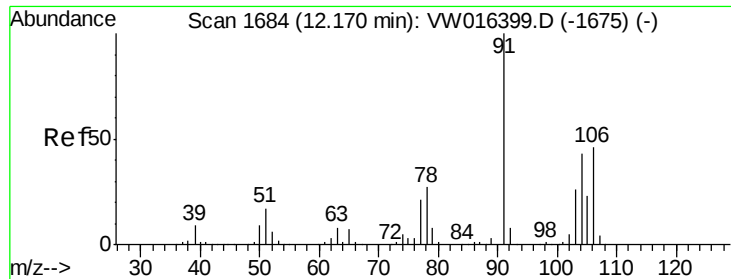
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#68
m/p-Xylenes
Concen: 101.163 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion:106 Resp: 374492
Ion Ratio Lower Upper
106 100
91 207.4 167.7 251.5





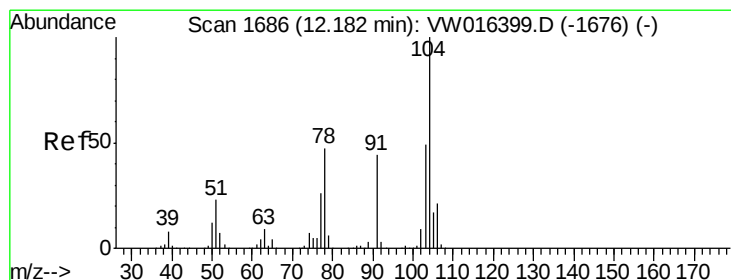
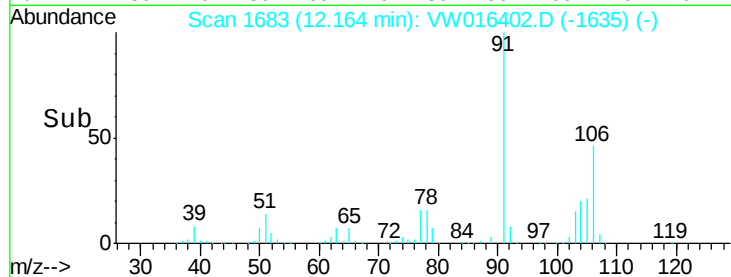
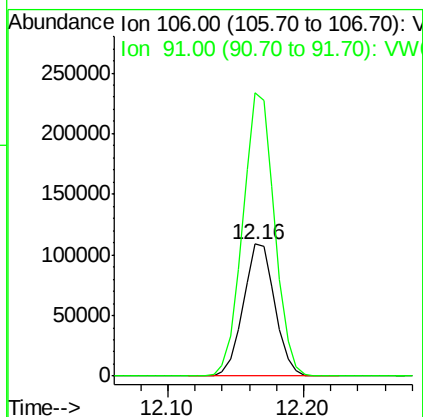
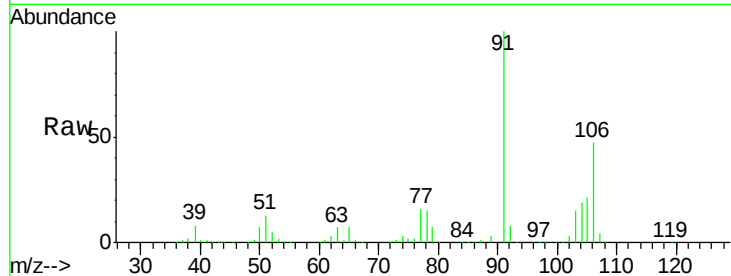
#69
o-Xylene
Concen: 52.019 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion:106 Resp: 177086
Ion Ratio Lower Upper
106 100
91 214.6 111.7 334.9

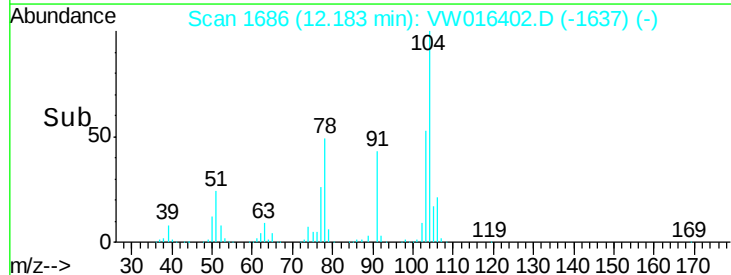
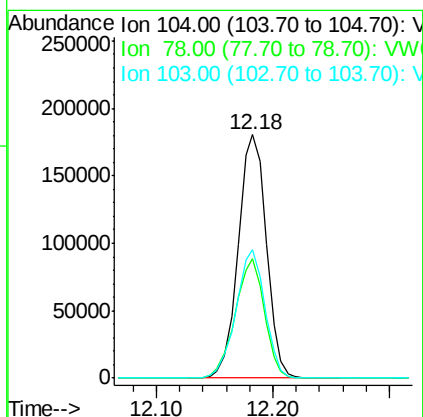
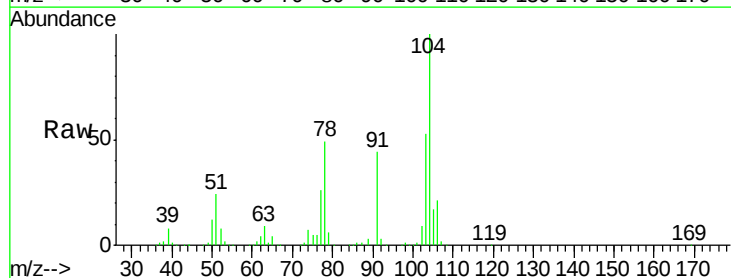
Manual Integrations
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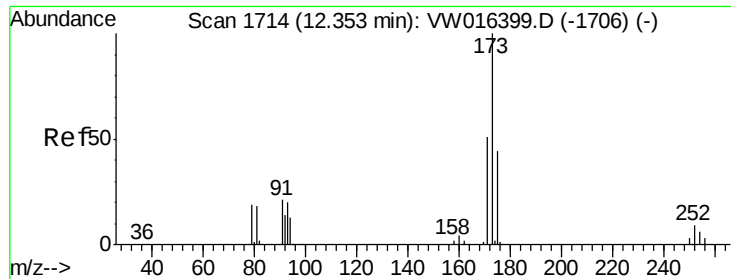
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#70
Styrene
Concen: 52.282 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion:104 Resp: 303327
Ion Ratio Lower Upper
104 100
78 51.1 41.7 62.5
103 54.4 42.9 64.3





#71

Bromoform

Concen: 51.022 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

ICVW082820

Tot Ion:173 Resp: 52210

Ion Ratio Lower Upper

173 100

175 47.8 23.5 70.6

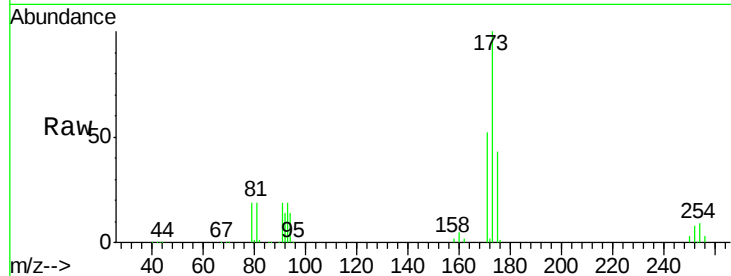
254 0.1 0.0 0.0#

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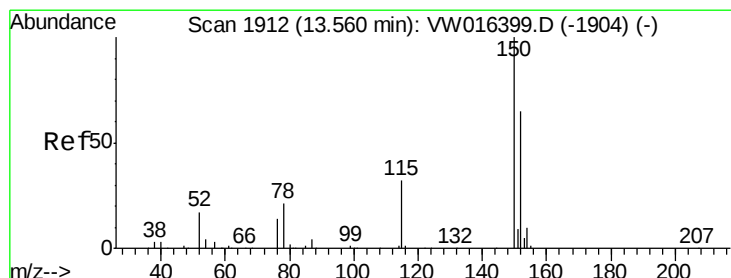
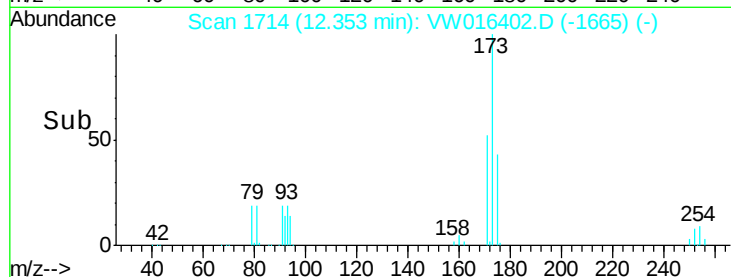
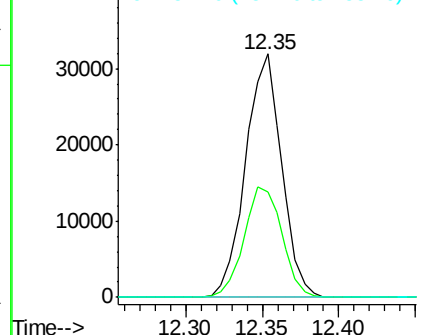
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

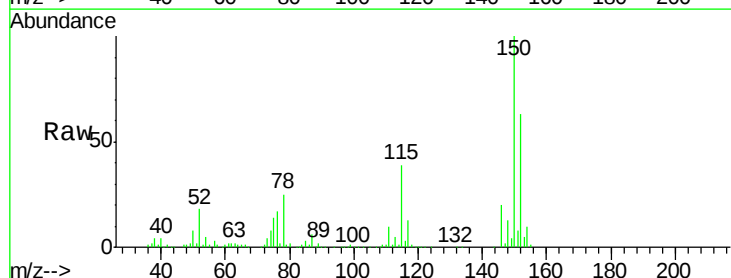
Tgt Ion:152 Resp: 128881

Ion Ratio Lower Upper

152 100

115 61.8 30.9 92.5

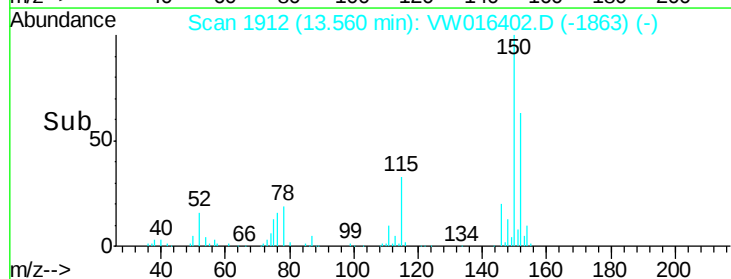
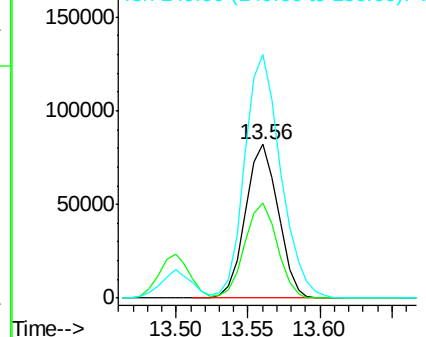
150 174.4 0.0 351.0

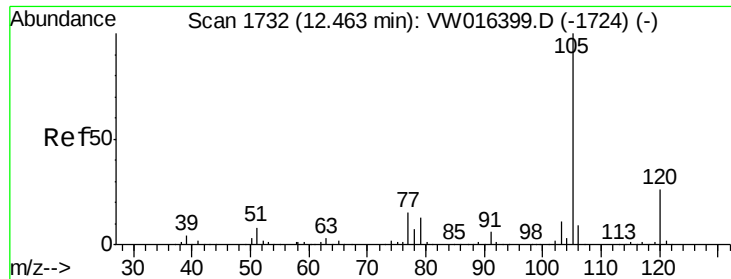


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.754 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

ICVW082820

Tot Ion: 105 Resp: 501334

Ion Ratio Lower Upper

105 100

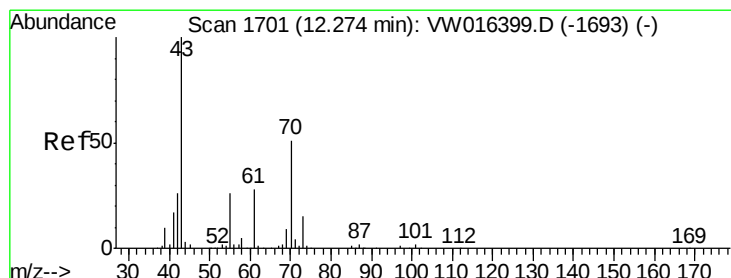
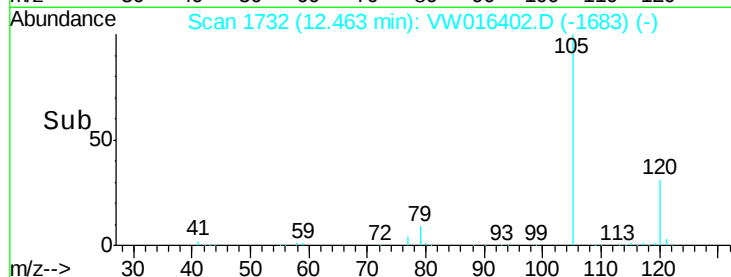
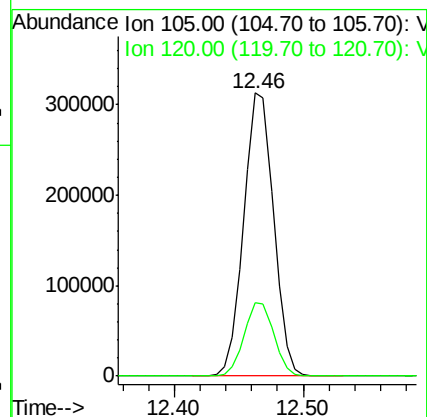
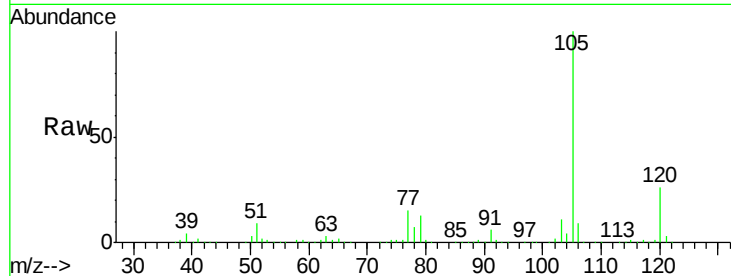
120 26.0 13.2 39.6

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#74

N-ethyl acetate

Concen: 52.457 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Tgt Ion: 43 Resp: 87240

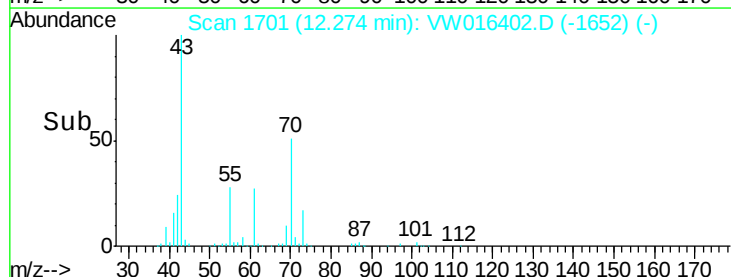
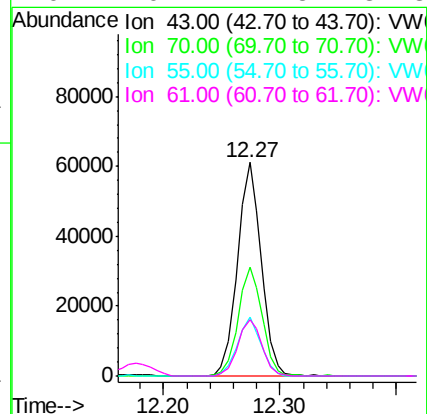
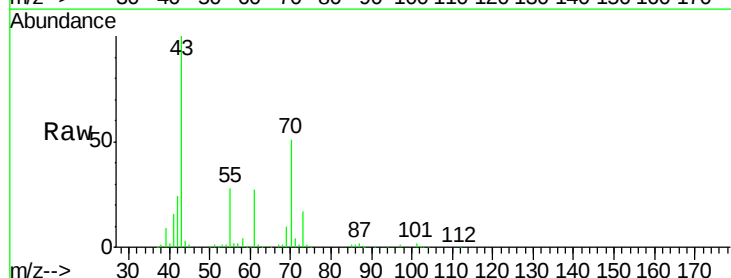
Ion Ratio Lower Upper

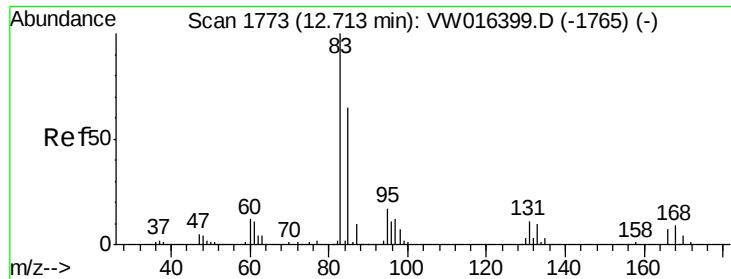
43 100

70 51.2 40.8 61.2

55 27.5 21.6 32.4

61 26.7 21.5 32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.358 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

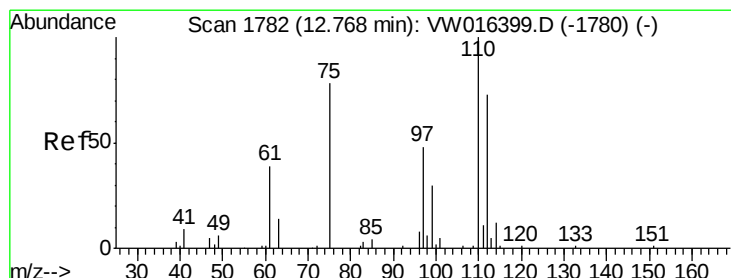
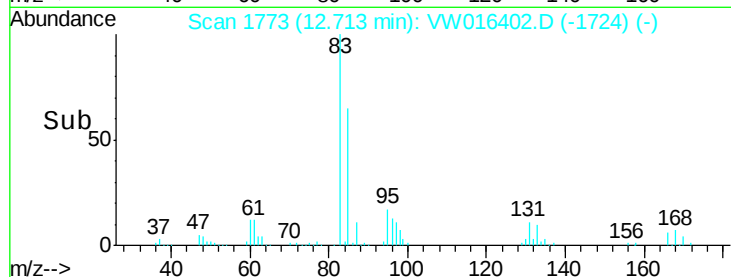
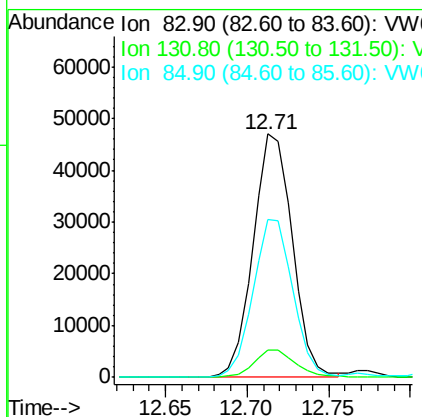
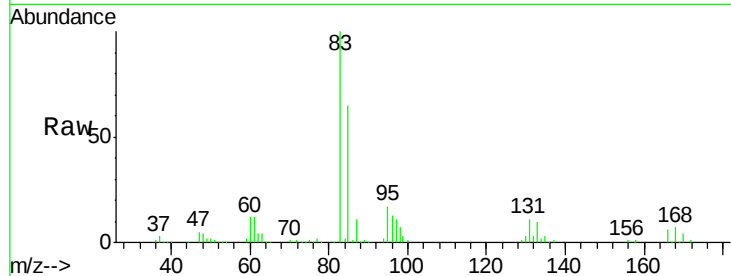
ClientSampleId :

ICVW082820

Tot Ion:	83	Resp:	78781
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.9	17.8
85	65.6	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 48.953 ug/l m

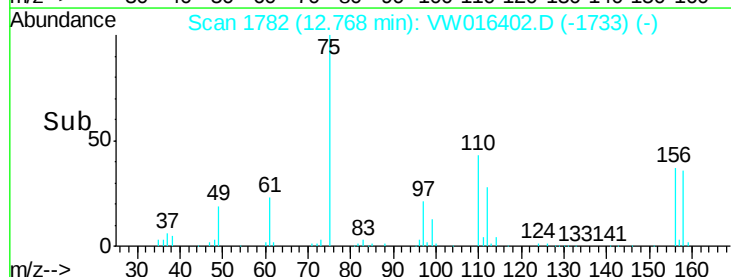
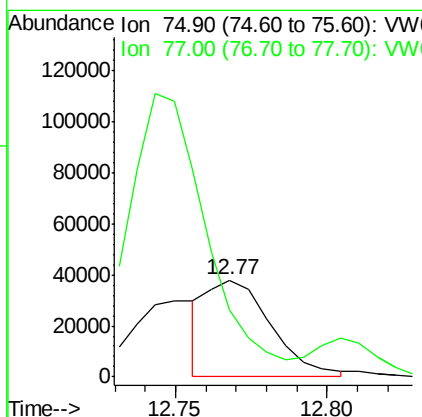
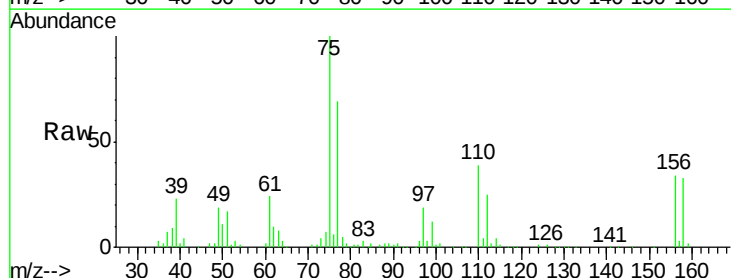
RT: 12.77 min Scan# 1782

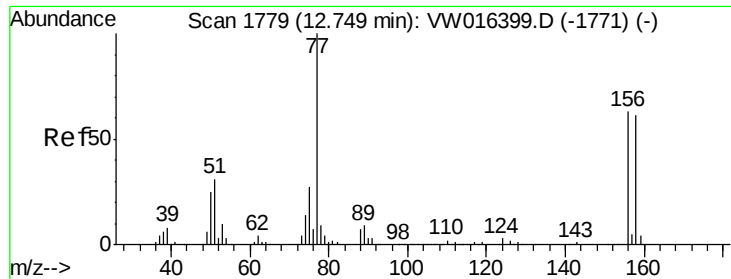
Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Tgt Ion:	75	Resp:	55789
Ion Ratio	Lower	Upper	
75	100		
77	0.0	173.4	520.2#





#77

Bromobenzene

Concen: 51.300 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

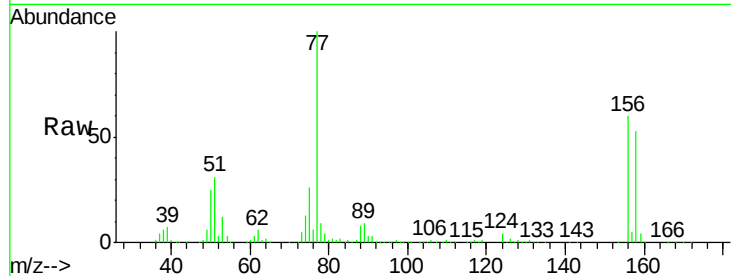
ClientSampleId :

ICVW082820

Tot Ion:	156	Resp:	113333
Ion Ratio	Lower	Upper	
156	100		
77	179.0	90.0	269.9
158	93.7	47.3	141.8

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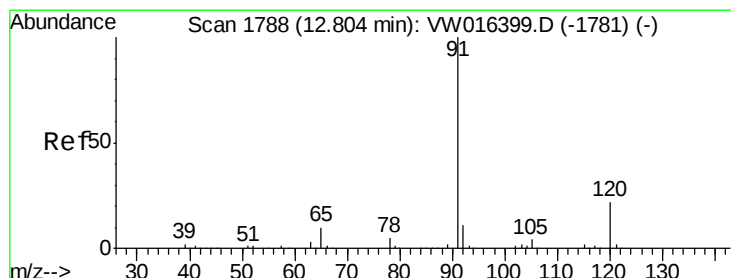
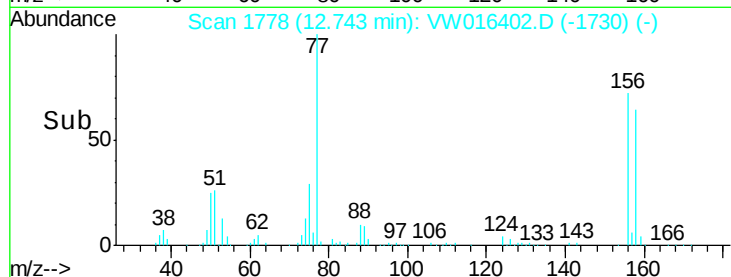
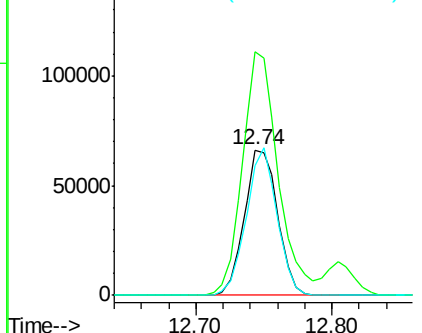
MMDadoda
8/31/2020 11:59:21 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.071 ug/l

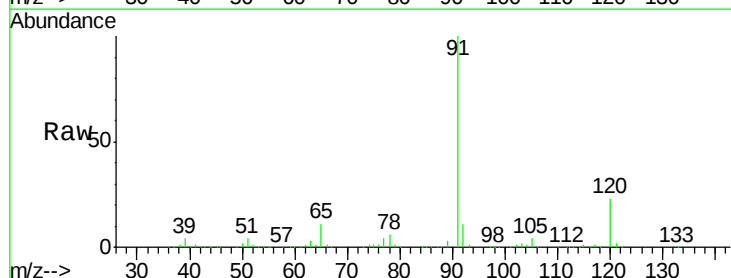
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016402.D

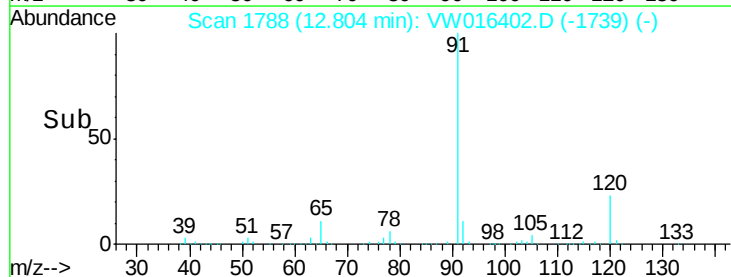
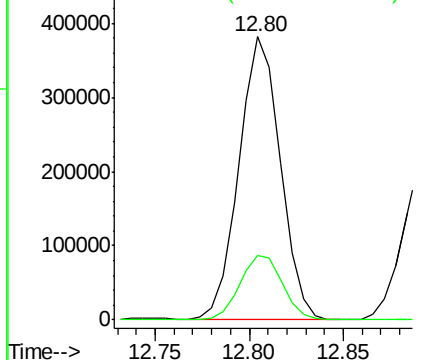
Acq: 28 Aug 2020 15:20

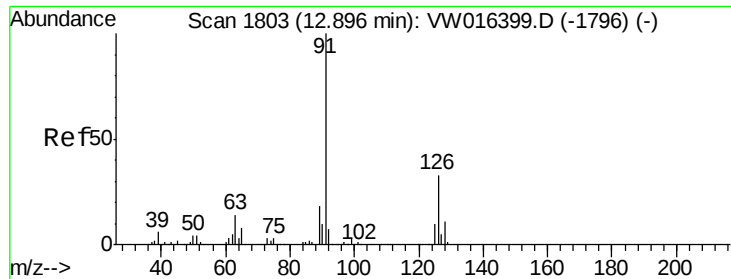
Tgt Ion:	91	Resp:	580904
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.3	33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





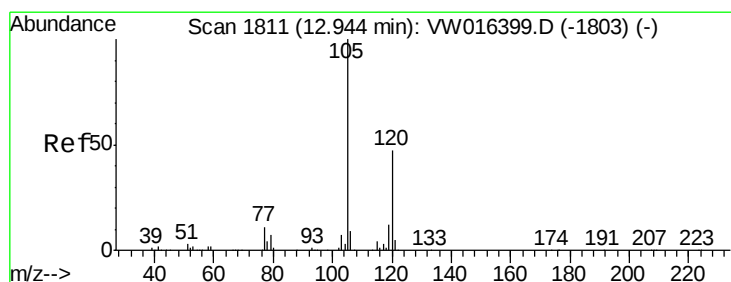
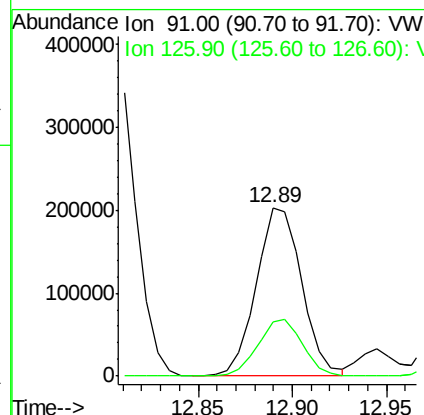
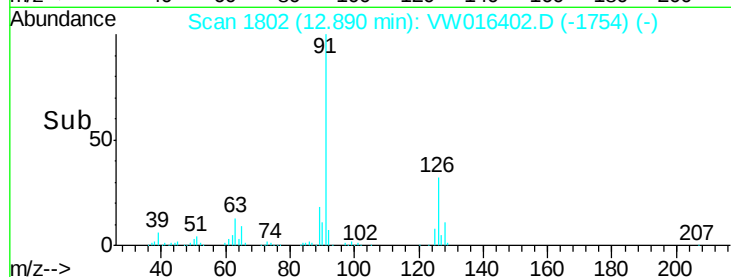
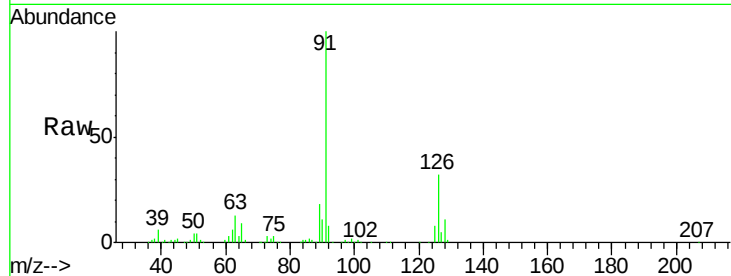
#79
2-Chlorotoluene
Concen: 51.536 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion: 91 Resp: 338593
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1

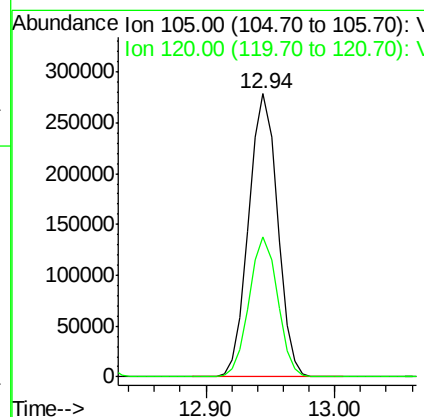
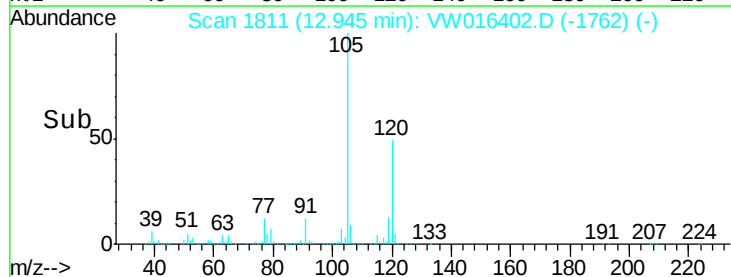
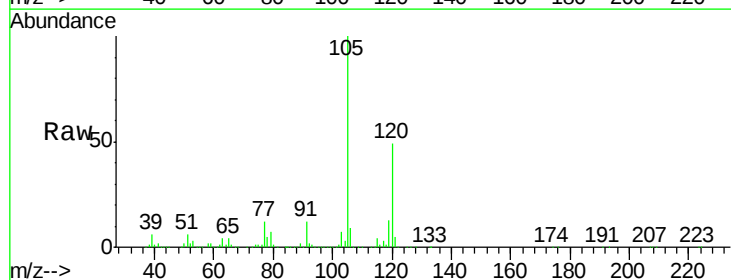
Manual Integrations
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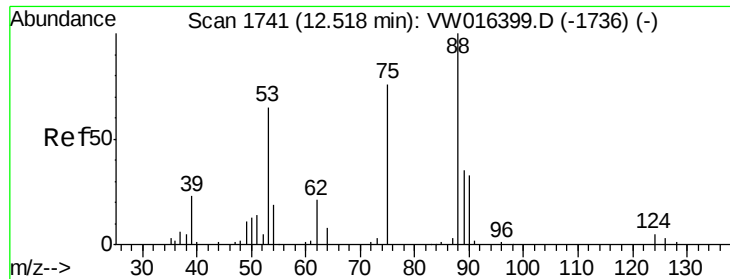
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#80
1,3,5-Trimethylbenzene
Concen: 51.536 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion: 105 Resp: 429554
Ion Ratio Lower Upper
105 100
120 48.8 23.8 71.2





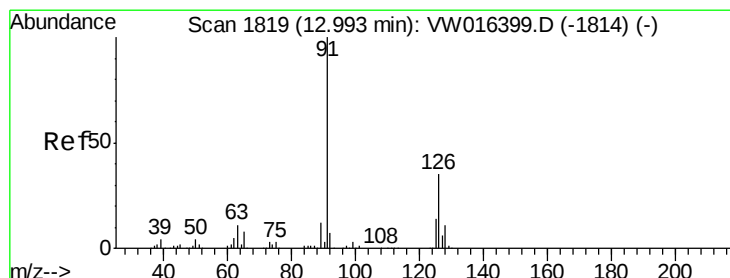
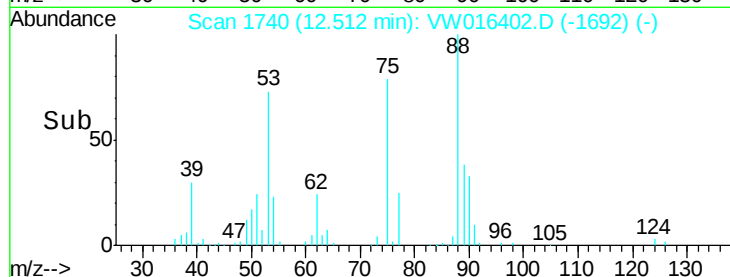
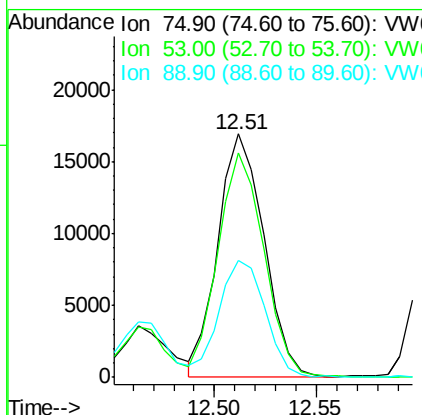
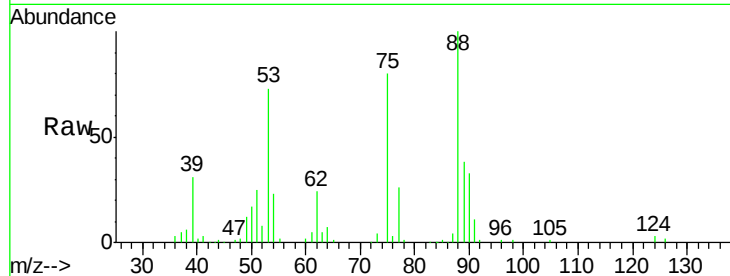
#81
trans-1,4-Dichloro-2-butene
Concen: 51.170 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	75.2	112.8
89	48.9	40.4	60.6

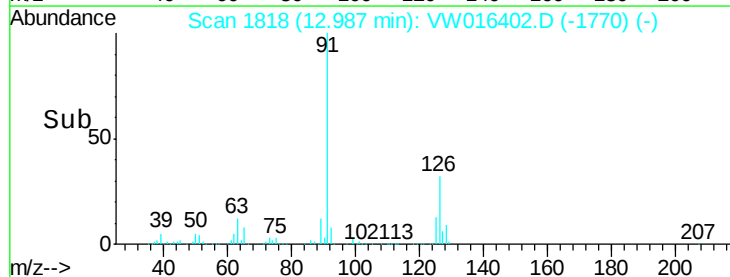
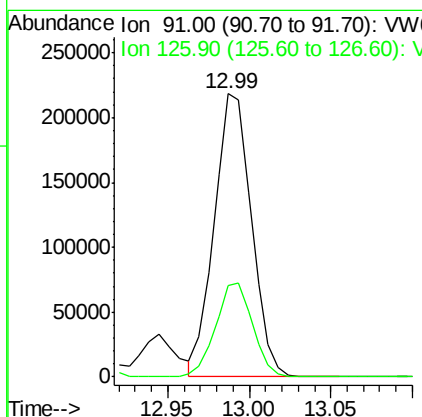
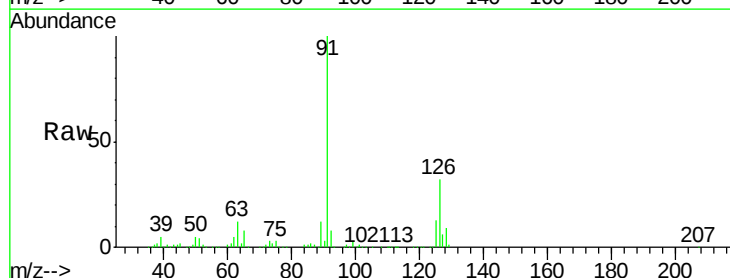
Manual Integrations
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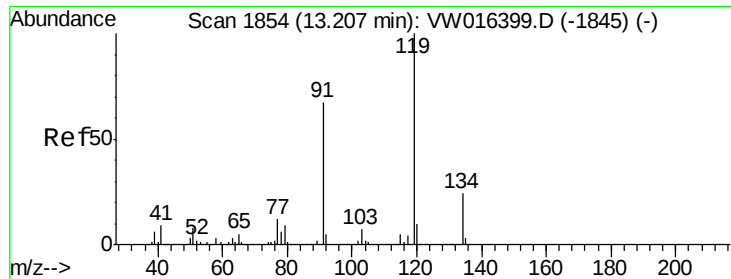
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#82
4-Chlorotoluene
Concen: 50.332 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	17.0	50.9





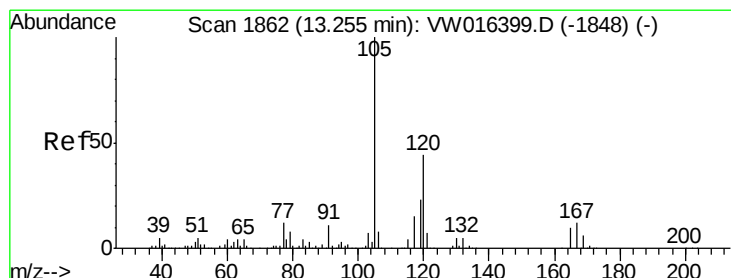
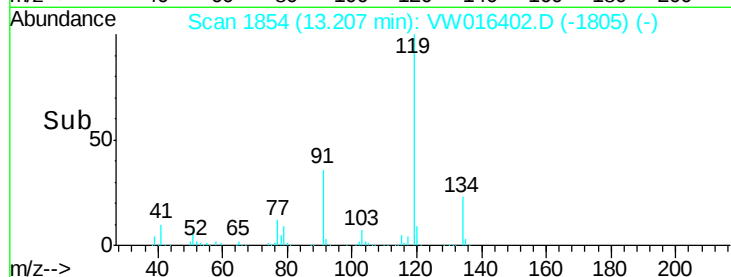
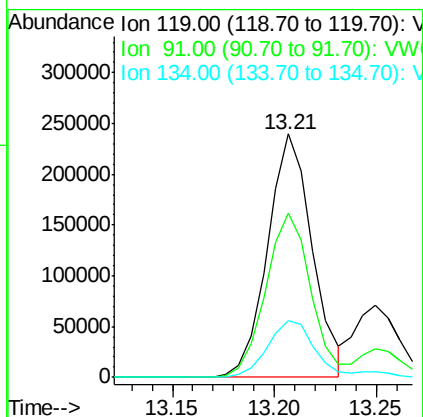
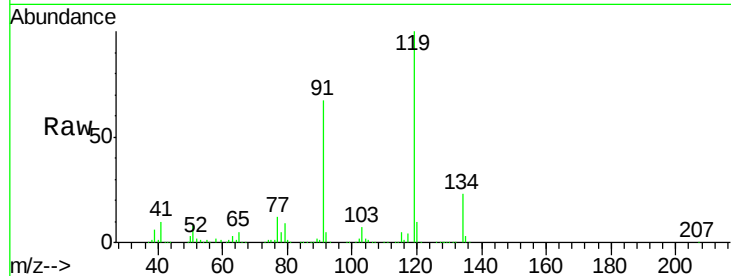
#83
tert-Butylbenzene
Concen: 51.971 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Resp	Lower	Upper
119	100	363928		
91	68.9	34.1	102.3	
134	24.5	12.3	36.8	

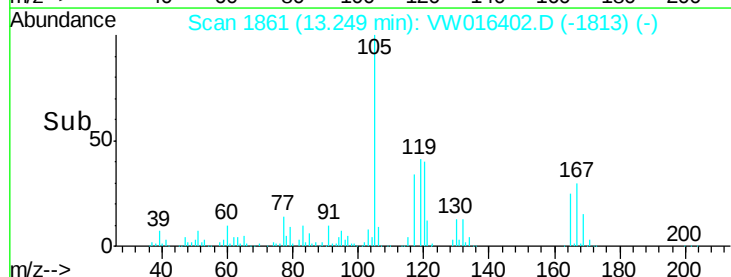
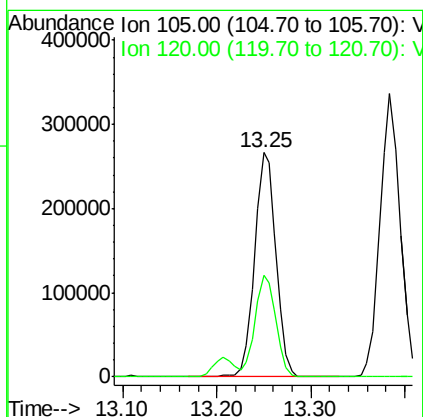
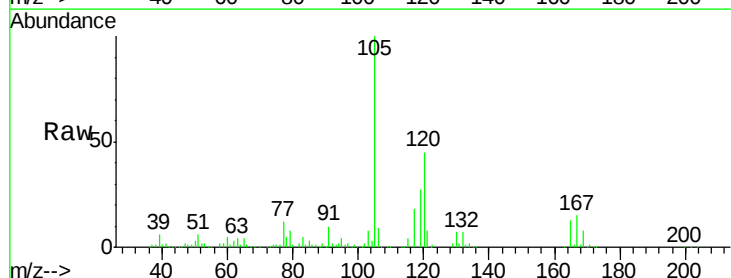
Manual Integrations
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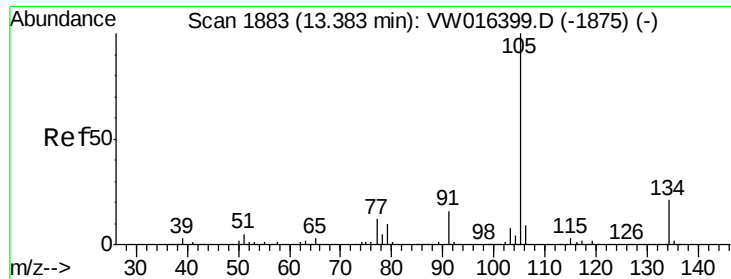
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#84
1,2,4-Trimethylbenzene
Concen: 51.446 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	427697		
120	44.1	22.1	66.1	





#85

sec-Butylbenzene

Concen: 51.478 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

ICVW082820

Tot Ion:105 Resp: 499133

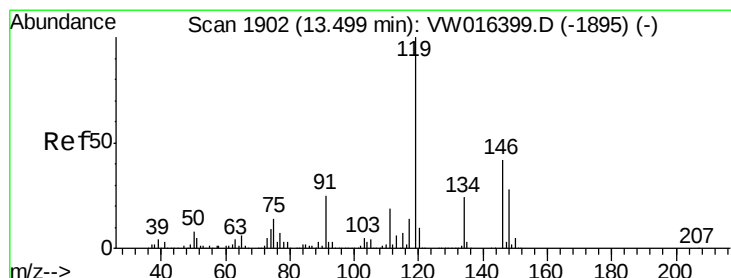
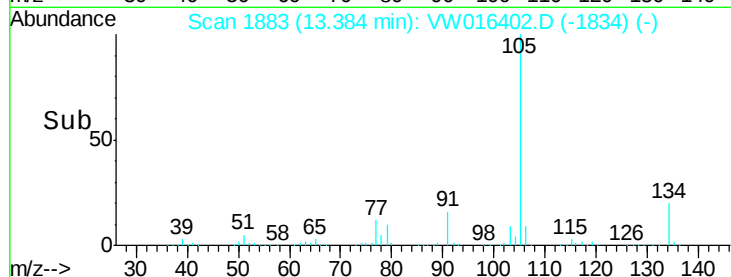
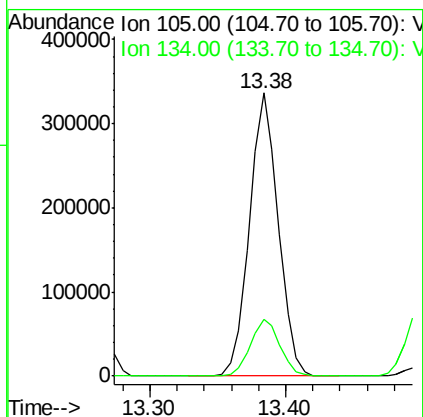
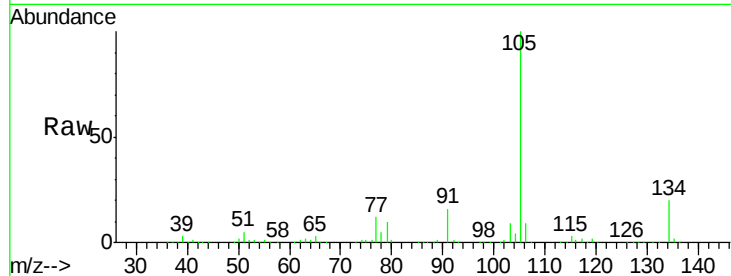
Ion Ratio Lower Upper

105 100

134 20.6 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 52.249 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

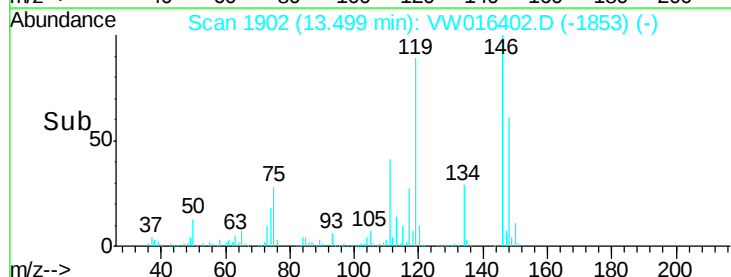
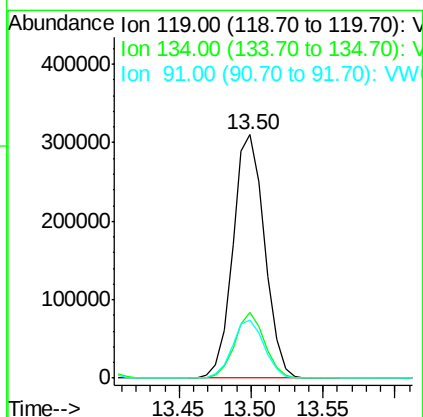
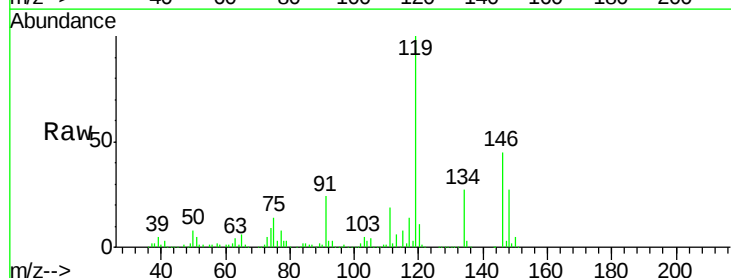
Tgt Ion:119 Resp: 472940

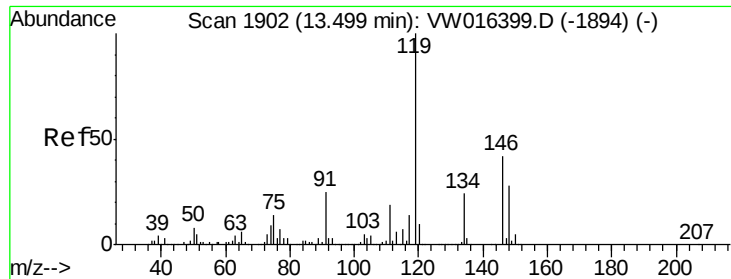
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.6

91 24.2 12.2 36.4





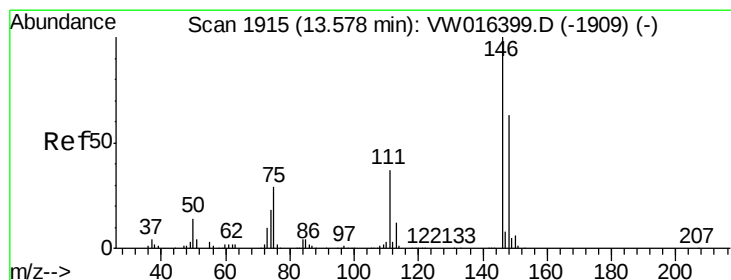
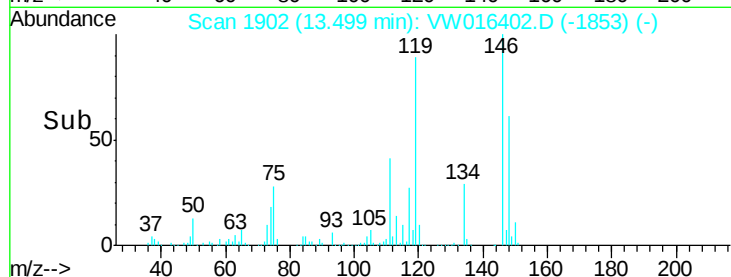
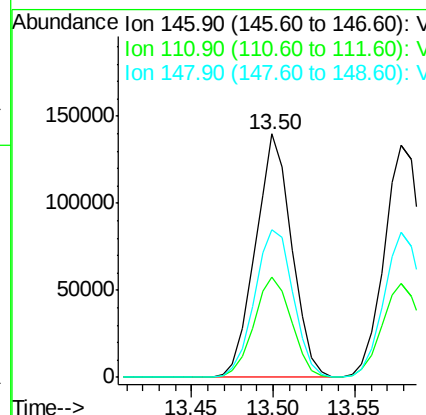
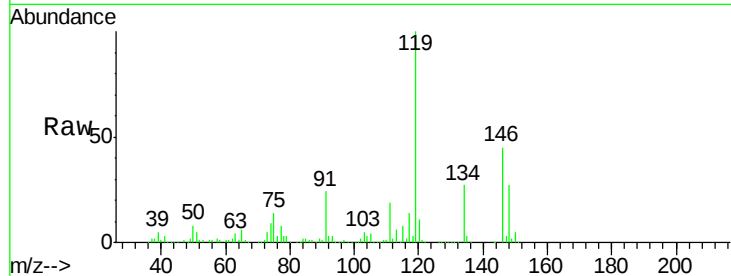
#87
 1,3-Dichlorobenzene
 Concen: 51.054 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082820

Tot Ion	Ratio	Resp	Lower	Upper
146	100	216498		
111	42.6	22.6	67.8	
148	64.7	33.6	100.8	

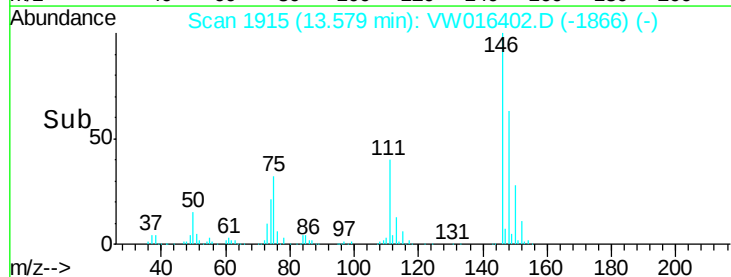
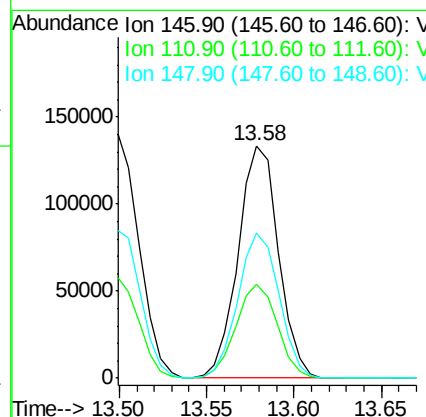
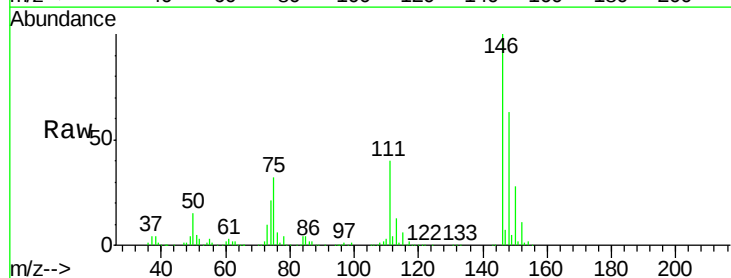
Manual Integrations
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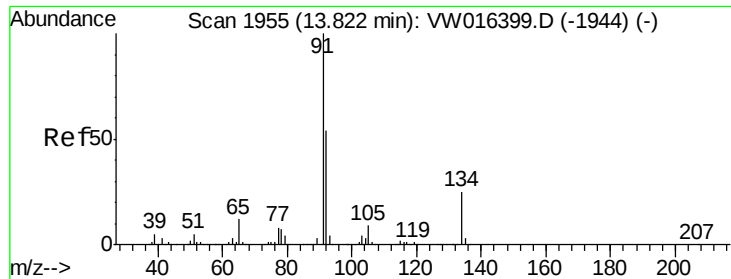
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 8/31/2020 11:59:21 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.214 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	214237		
111	41.7	20.4	61.3	
148	63.9	32.0	96.2	





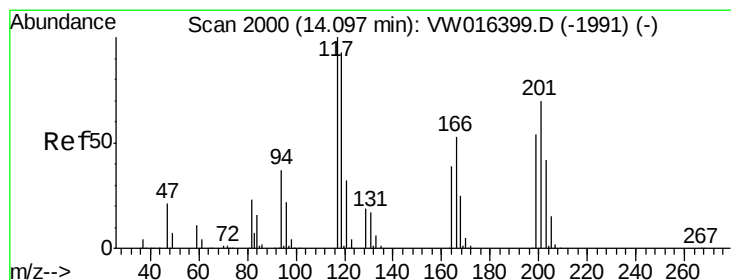
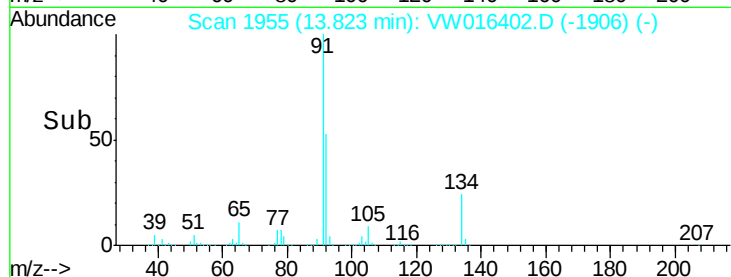
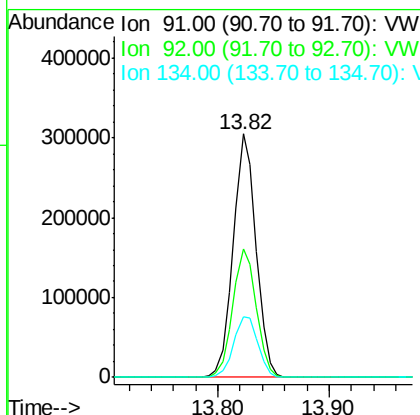
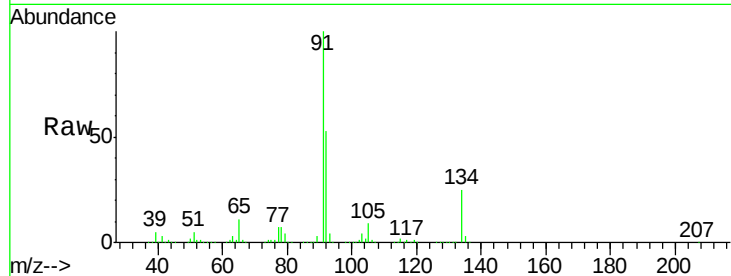
#89
n-Butylbenzene
Concen: 51.965 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.2	26.8	80.4	
134	26.7	13.2	39.6	

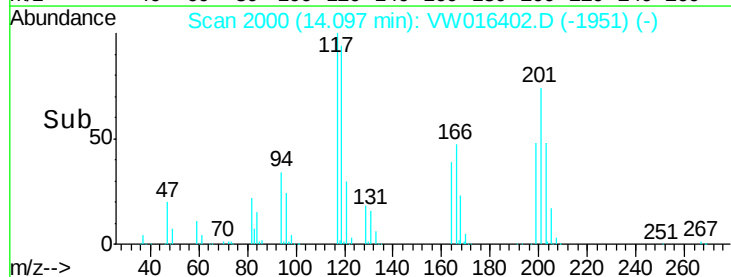
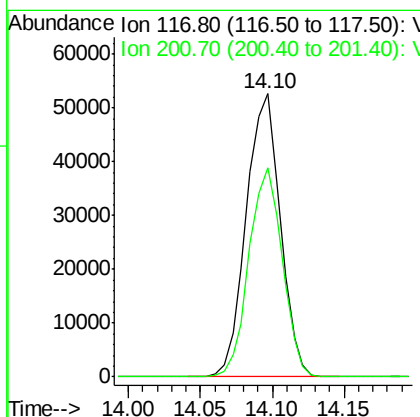
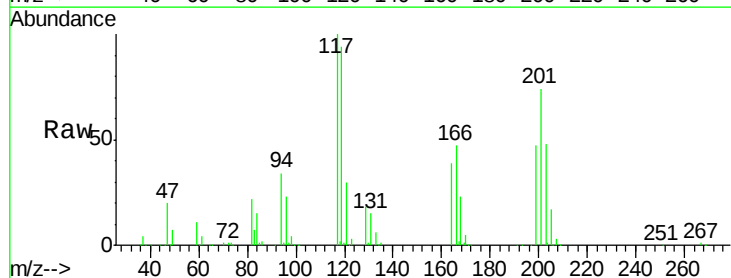
Manual Integrations
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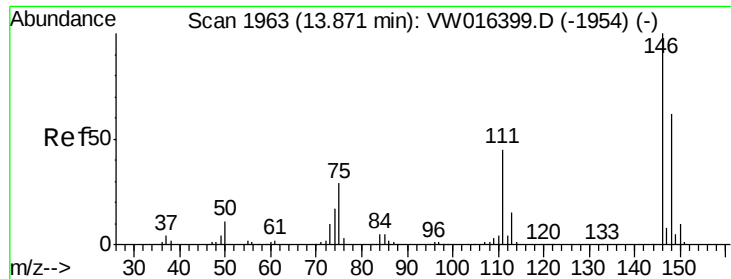
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#90
Hexachloroethane
Concen: 50.616 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	72.0	35.9	107.7	





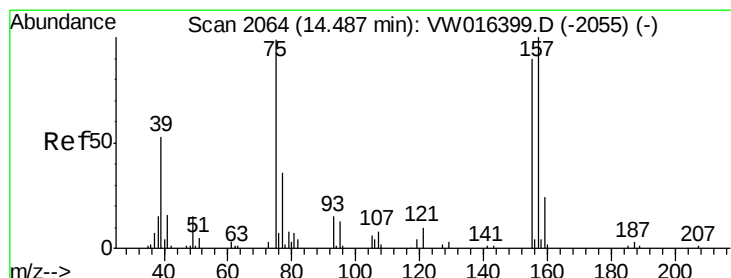
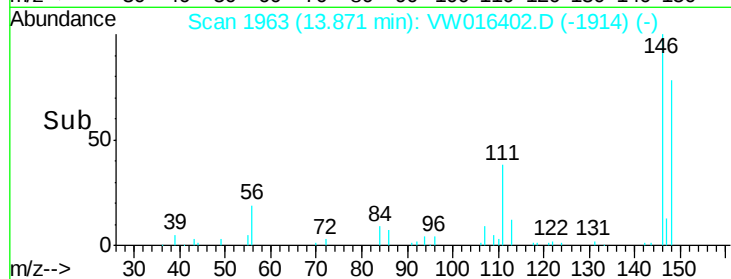
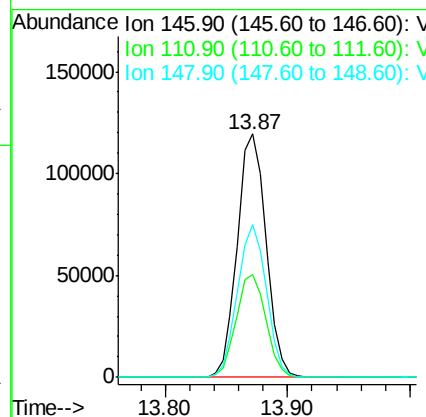
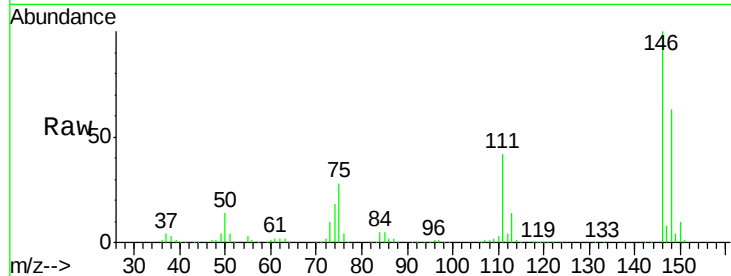
#91
 1,2-Dichlorobenzene
 Concen: 51.119 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082820

Tot Ion	Ratio	Resp	Lower	Upper
146	100	194180		
111	43.5	22.3	66.8	
148	62.9	32.0	96.0	

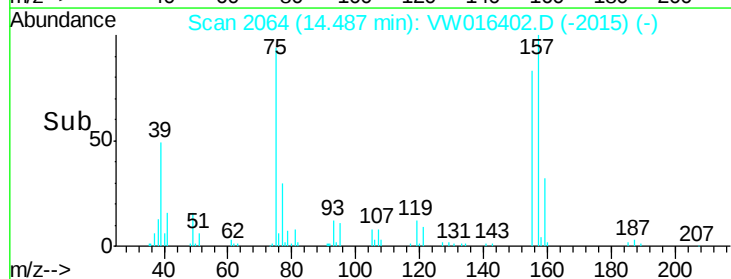
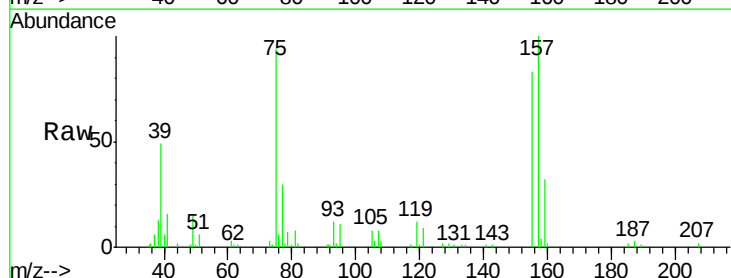
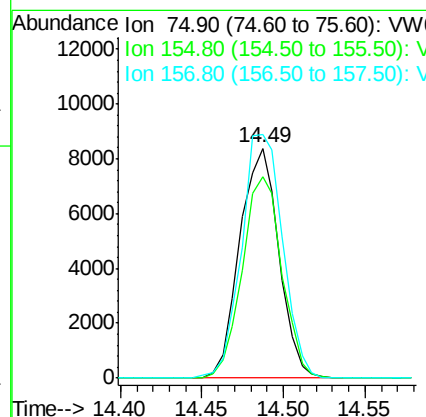
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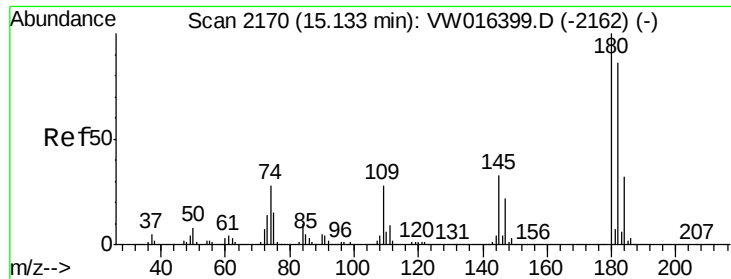
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.289 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016402.D
 Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14016		
155	88.5	41.4	124.4	
157	111.9	52.1	156.4	





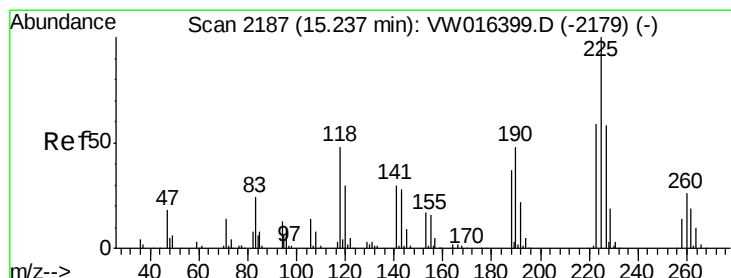
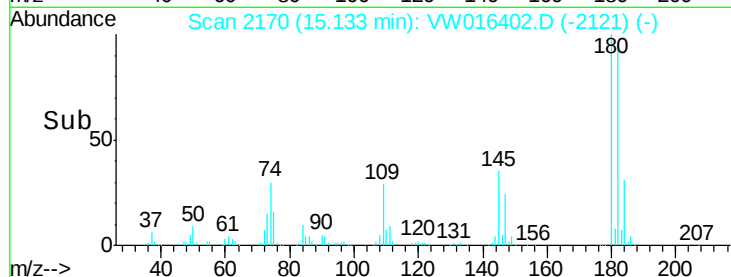
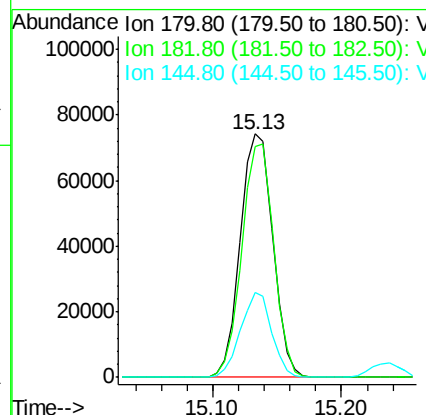
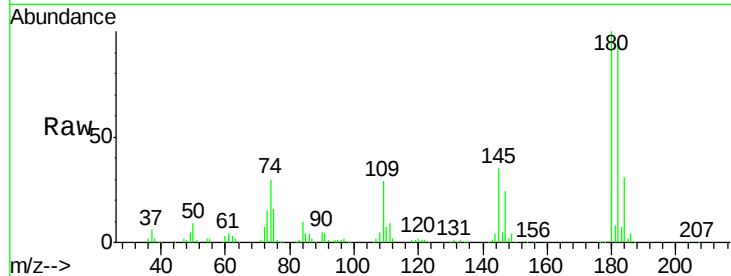
#93
1,2,4-Trichlorobenzene
Concen: 51.446 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
ICVW082820

Tot Ion	Ratio	Resp	Lower	Upper
180	100	129729		
182	93.7	44.9	134.7	
145	33.1	17.1	51.2	

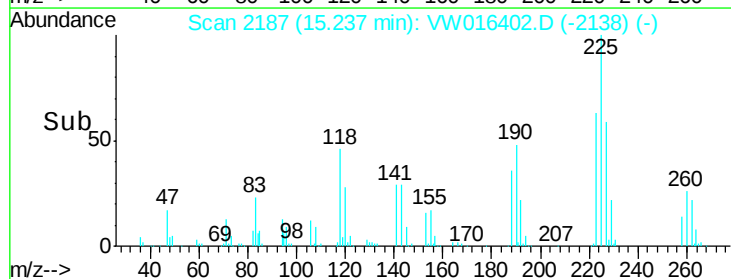
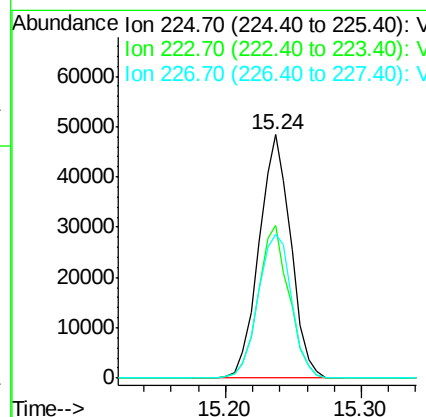
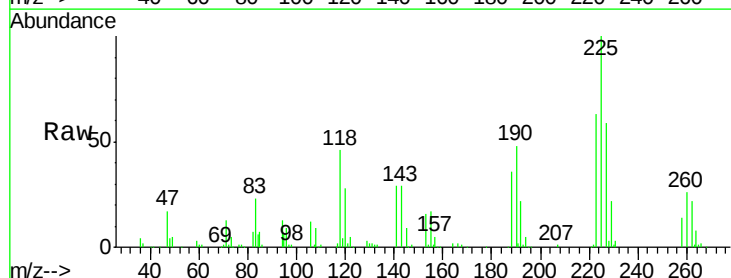
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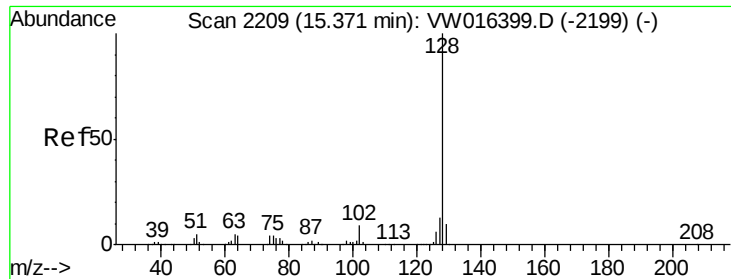
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#94
Hexachlorobutadiene
Concen: 52.547 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW016402.D
Acq: 28 Aug 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79108		
223	61.1	30.5	91.5	
227	62.5	30.7	92.1	





#95

Naphthalene

Concen: 54.687 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Instrument :

MSVOA_W

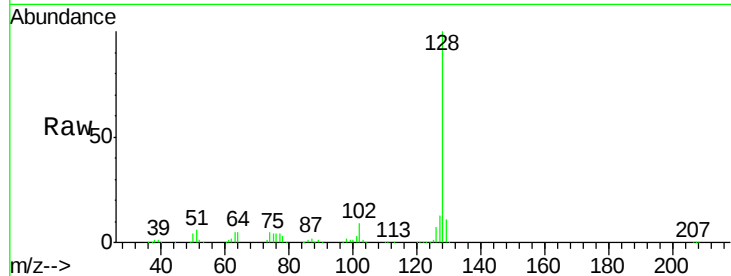
ClientSampleId :

ICVW082820

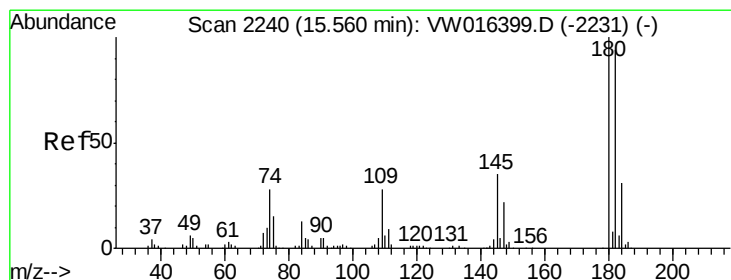
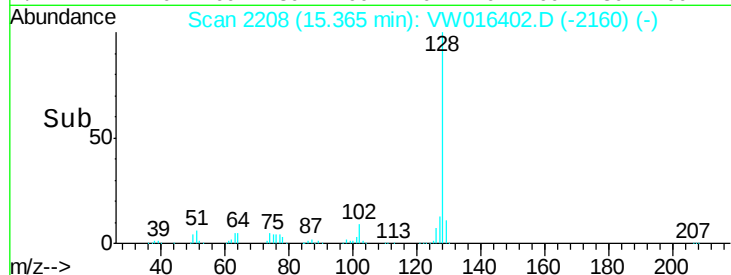
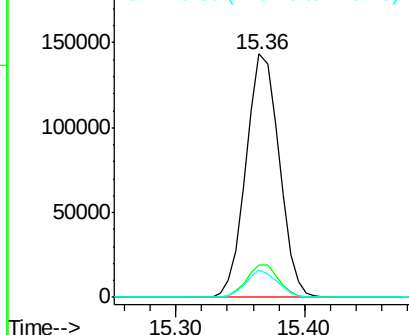
Tot Ion:	128	Resp:	255195
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.6	8.3	12.5

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.212 ug/l

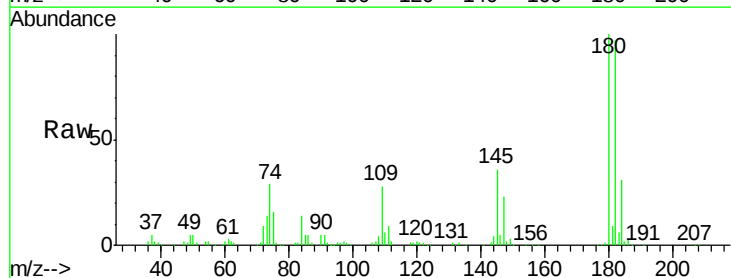
RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW016402.D

Acq: 28 Aug 2020 15:20

Tgt Ion:	180	Resp:	113152
Ion Ratio		Lower	Upper
180	100		
182	97.4	46.5	139.5
145	35.4	18.1	54.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

