

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016407.D
 Acq On : 31 Aug 2020 13:27
 Operator : SY/VA
 Sample : VW0831SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 12:40:20 PM

Quant Time: Sep 01 03:15:17 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	180766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	271988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87650	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	7.88	113	85462	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	10.33	98	330399	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	123346	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19642	19.280	ug/l	97
3) Chloromethane	2.21	50	18164	18.533	ug/l	95
4) Vinyl Chloride	2.36	62	29129	20.391	ug/l	99
5) Bromomethane	2.78	94	19842	19.671	ug/l	95
6) Chloroethane	2.92	64	16931	19.912	ug/l	99
7) Trichlorofluoromethane	3.26	101	36983	21.413	ug/l	100
8) Diethyl Ether	3.68	74	16132	18.556	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	34353	20.377	ug/l	99
10) Methyl Iodide	4.27	142	52442	20.356	ug/l	99
11) Tert butyl alcohol	5.21	59	9842	82.127	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	34616	20.122	ug/l	96
13) Acrolein	3.90	56	7897	94.731	ug/l	95
14) Allyl chloride	4.67	41	40973	19.054	ug/l	98
15) Acrylonitrile	5.37	53	29547	91.285	ug/l	98
16) Acetone	4.14	43	27744	90.288	ug/l	99
17) Carbon Disulfide	4.39	76	98444	20.382	ug/l	97
18) Methyl Acetate	4.68	43	12601	17.984	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	51084	19.436	ug/l	97
20) Methylene Chloride	4.92	84	39997	16.887	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	39122	20.290	ug/l	97
22) Diisopropyl ether	6.31	45	83149	19.534	ug/l	95
23) Vinyl Acetate	6.26	43	246191	94.378	ug/l	99
24) 1,1-Dichloroethane	6.22	63	60315	19.654	ug/l	98
25) 2-Butanone	7.18	43	36152	86.713	ug/l	97
26) 2,2-Dichloropropane	7.17	77	48476	20.452	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	41853	20.035	ug/l	97
28) Bromochloromethane	7.52	49	20071	18.005	ug/l	100
29) Tetrahydrofuran	7.54	42	21934	88.131	ug/l	99
30) Chloroform	7.68	83	67548	19.815	ug/l	98
31) Cyclohexane	7.96	56	54022	19.207	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	64060	20.866	ug/l	98
36) 1,1-Dichloropropene	8.09	75	53805	20.787	ug/l	99
37) Ethyl Acetate	7.26	43	16833	19.196	ug/l	98
38) Carbon Tetrachloride	8.07	117	61921	21.831	ug/l	96

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 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)
39) Methylcyclohexane	9.34	83	65551	20.915	ug/l	97
40) Benzene	8.32	78	143660	20.731	ug/l	94
41) Methacrylonitrile	7.48	41	9966	19.739	ug/l	94
42) 1,2-Dichloroethane	8.40	62	43240	20.456	ug/l	99
43) Isopropyl Acetate	8.43	43	32265	18.438	ug/l	99
44) Trichloroethene	9.10	130	42523	20.508	ug/l	96
45) 1,2-Dichloropropane	9.37	63	31489	19.587	ug/l	94
46) Dibromomethane	9.46	93	19100	19.997	ug/l	98
47) Bromodichloromethane	9.65	83	50466	20.486	ug/l	98
48) Methyl methacrylate	9.44	41	14841	17.788	ug/l	95
49) 1,4-Dioxane	9.48	88	4859	373.461	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	81335	93.999	ug/l	100
52) Toluene	10.39	92	97592	21.004	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	46151	19.264	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	55602	19.918	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	26970	19.804	ug/l	95
56) Ethyl methacrylate	10.65	69	30923	19.431	ug/l	98
57) 1,3-Dichloropropane	10.93	76	44396	19.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	66001	92.364	ug/l	99
59) 2-Hexanone	10.97	43	54094	91.634	ug/l	100
60) Dibromochloromethane	11.13	129	34999	20.325	ug/l	99
61) 1,2-Dibromoethane	11.24	107	26332	19.716	ug/l	98
64) Tetrachloroethene	10.87	164	35433	20.668	ug/l	98
65) Chlorobenzene	11.66	112	103814	20.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	37781	19.850	ug/l	97
67) Ethyl Benzene	11.73	91	189216	20.619	ug/l	99
68) m/p-Xylenes	11.84	106	146068	41.690	ug/l	99
69) o-Xylene	12.17	106	66673	20.693	ug/l	96
70) Styrene	12.18	104	112627	20.511	ug/l	99
71) Bromoform	12.35	173	19637	20.276	ug/l #	100
73) Isopropylbenzene	12.46	105	191861	20.986	ug/l	99
74) N-amyl acetate	12.27	43	29411	18.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	28648	19.035	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	21458m	19.572	ug/l	
77) Bromobenzene	12.75	156	42887	20.179	ug/l	99
78) n-propylbenzene	12.80	91	224797	20.946	ug/l	98
79) 2-Chlorotoluene	12.90	91	126961	20.087	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	169122	21.091	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	9409	19.053	ug/l	99
82) 4-Chlorotoluene	12.99	91	136381	20.639	ug/l	100
83) tert-Butylbenzene	13.21	119	140792	20.899	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	167301	20.918	ug/l	97
85) sec-Butylbenzene	13.38	105	197975	21.224	ug/l	99
86) p-Isopropyltoluene	13.50	119	186756	21.446	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	86136	21.114	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	82052	19.991	ug/l	97
89) n-Butylbenzene	13.82	91	166903	20.876	ug/l	99
90) Hexachloroethane	14.10	117	33568	20.531	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	74711	20.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5280	19.300	ug/l	96

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ClientSampleId :
VW0831SBSD01

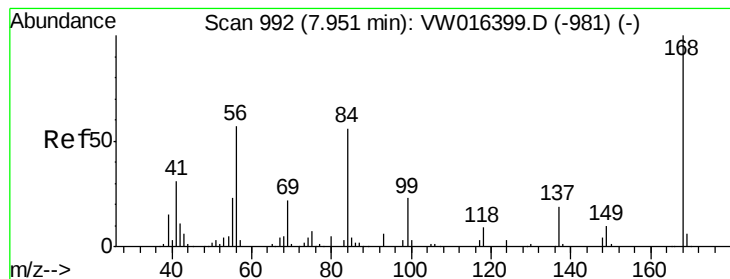
Manual Integrations
APPROVED

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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)
93) 1,2,4-Trichlorobenzene	15.14	180	47866	19.731	ug/l	94
94) Hexachlorobutadiene	15.24	225	30539	21.086	ug/l	98
95) Naphthalene	15.37	128	81769	18.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	41131	19.350	ug/l	97

(#) = 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: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBSD01

Tot Ion:168 Resp: 180766

Ion Ratio Lower Upper

168 100

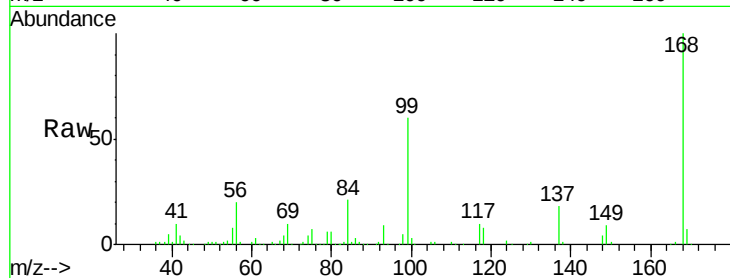
99 60.0 49.0 73.4

Manual Integrations

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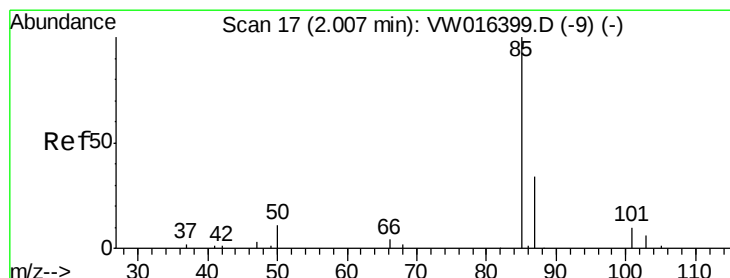
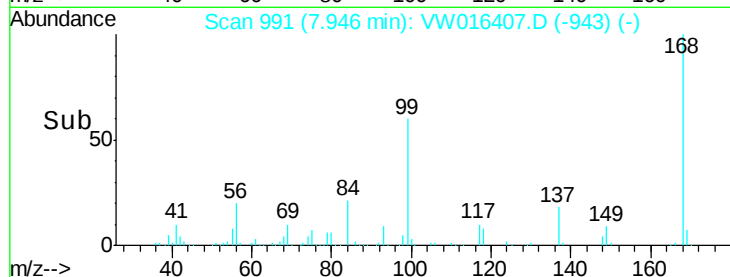
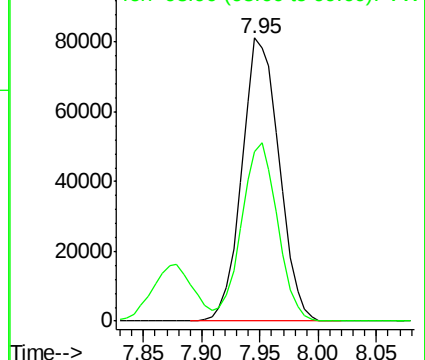
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.280 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016407.D

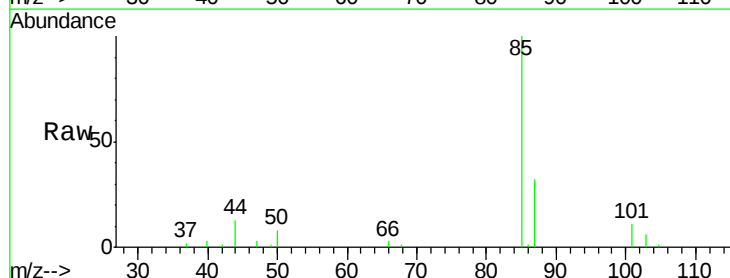
Acq: 31 Aug 2020 13:27

Tgt Ion: 85 Resp: 19642

Ion Ratio Lower Upper

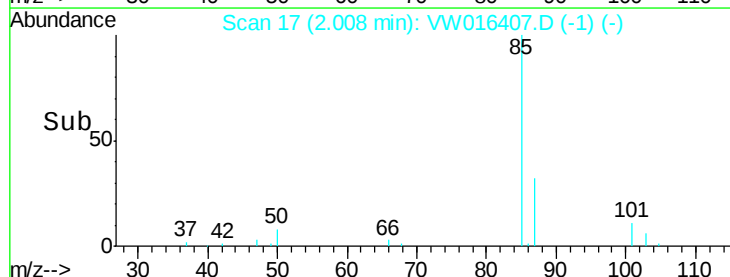
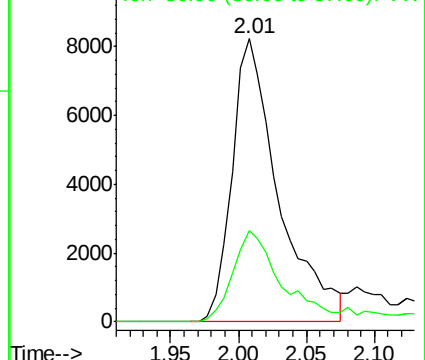
85 100

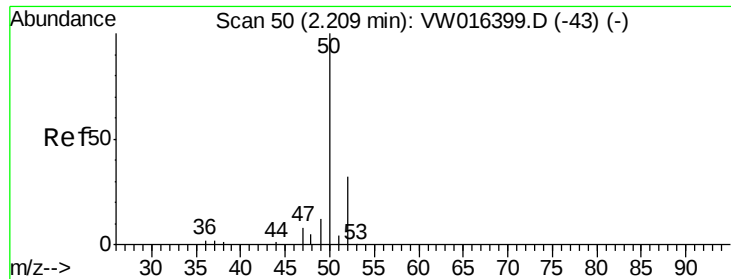
87 32.2 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.533 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBSD01

Tot Ion: 50 Resp: 18164

Ion Ratio Lower Upper

50 100

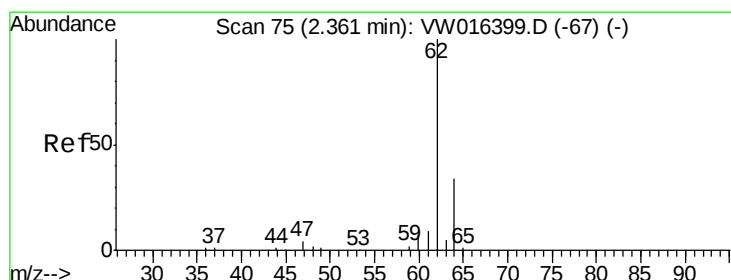
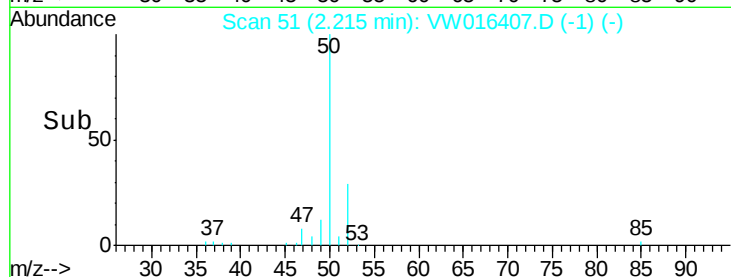
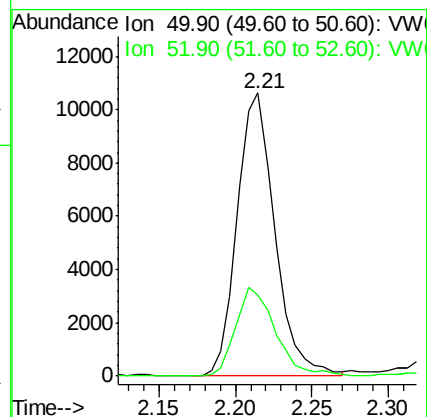
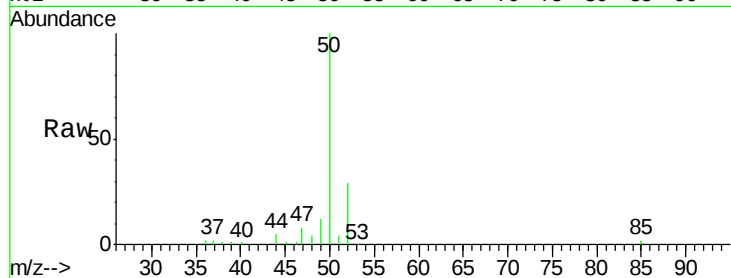
52 28.8 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.391 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW016407.D

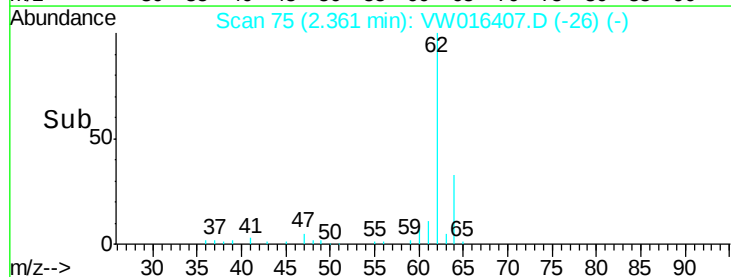
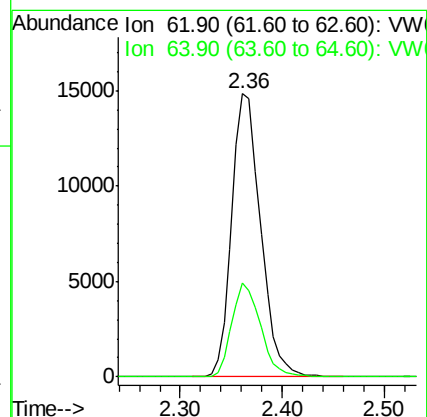
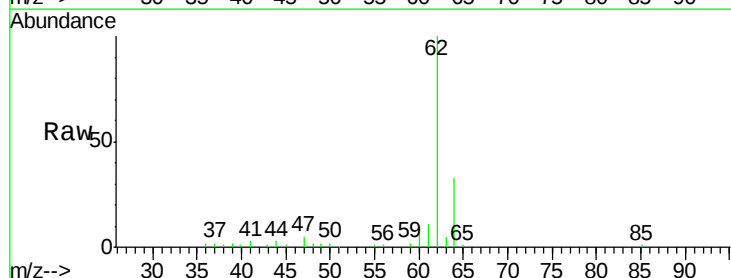
Acq: 31 Aug 2020 13:27

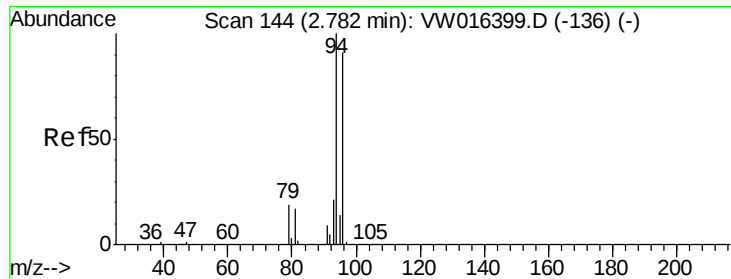
Tgt Ion: 62 Resp: 29129

Ion Ratio Lower Upper

62 100

64 33.2 27.2 40.8





#5

Bromomethane

Concen: 19.671 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

Tot Ion: 94 Resp: 19842

Ion Ratio Lower Upper

94 100

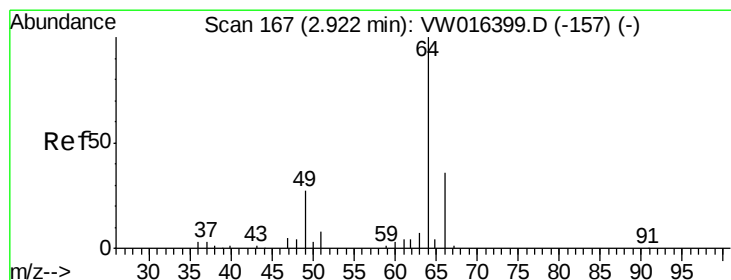
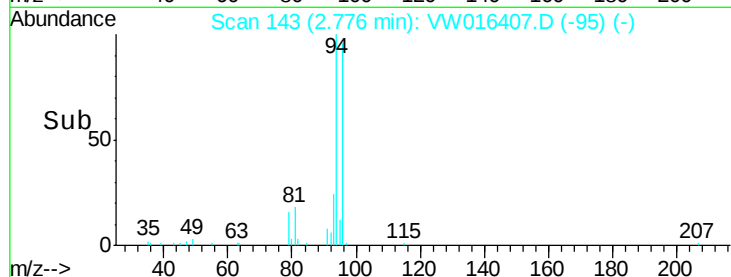
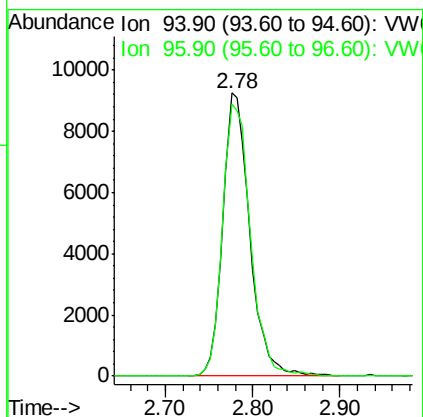
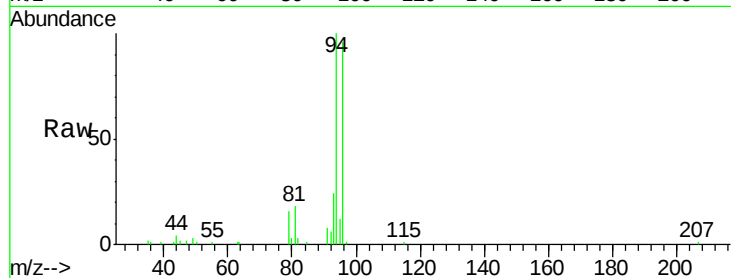
96 96.0 72.6 109.0

Manual Integrations

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#6

Chloroethane

Concen: 19.912 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW016407.D

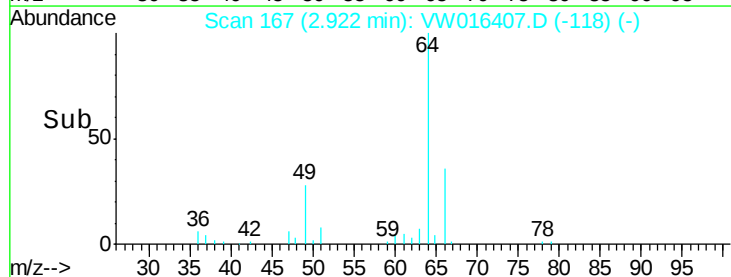
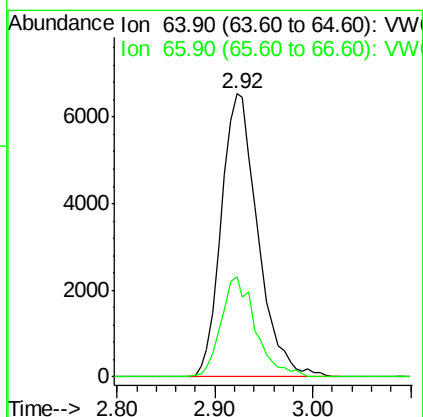
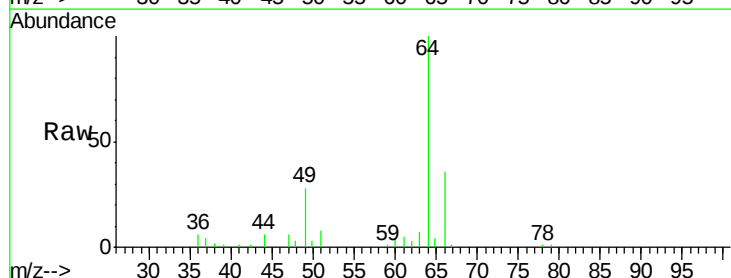
Acq: 31 Aug 2020 13:27

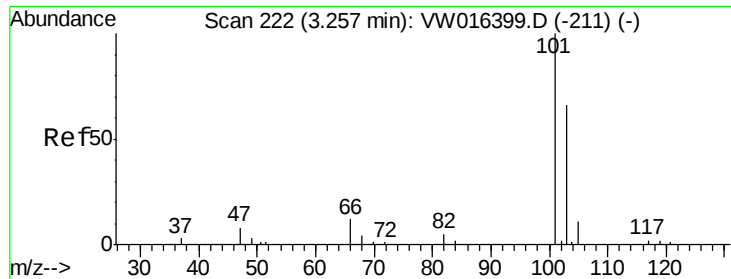
Tgt Ion: 64 Resp: 16931

Ion Ratio Lower Upper

64 100

66 35.6 28.7 43.1





#7

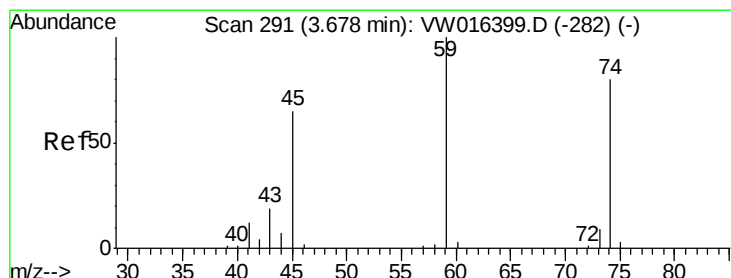
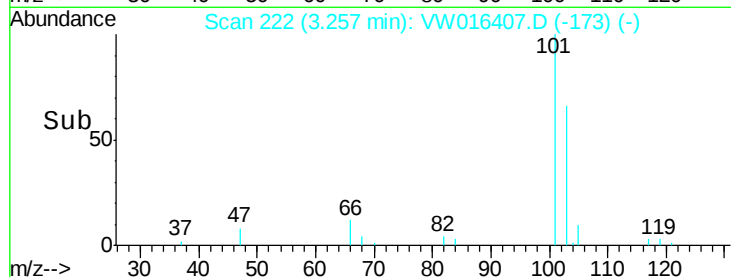
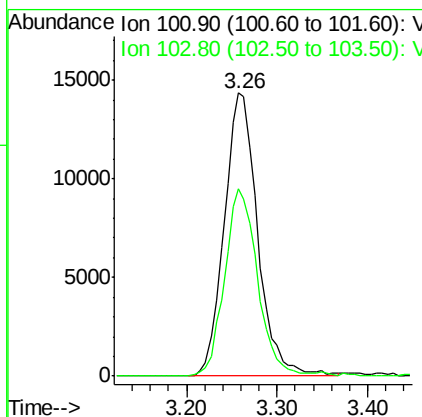
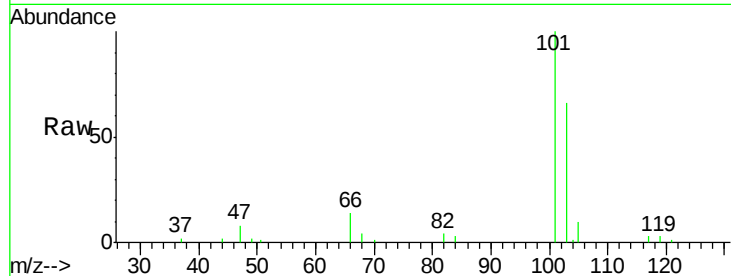
Trichlorofluoromethane
Concen: 21.413 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

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ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	53.0	79.4

Manual Integrations
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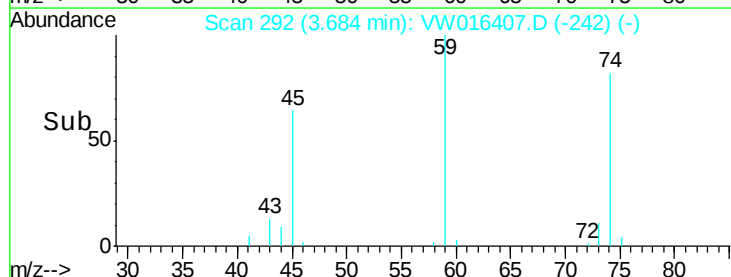
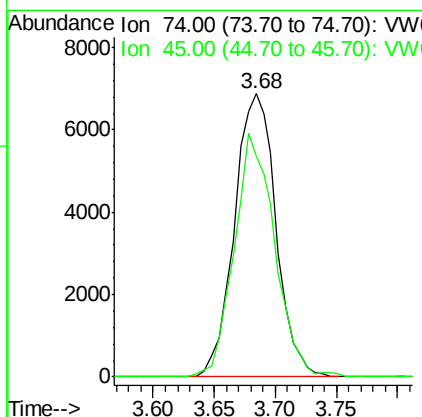
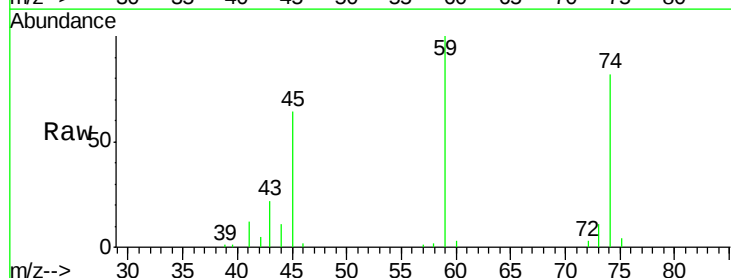
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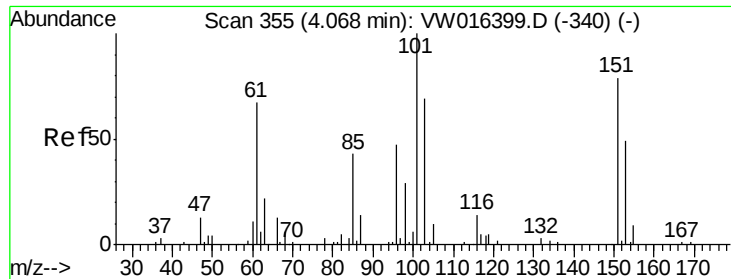


#8

Diethyl Ether
Concen: 18.556 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.0	42.0	126.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.377 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

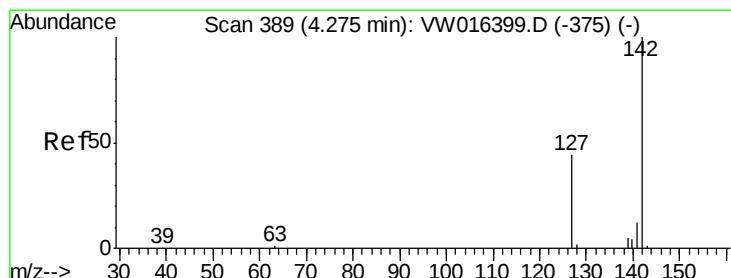
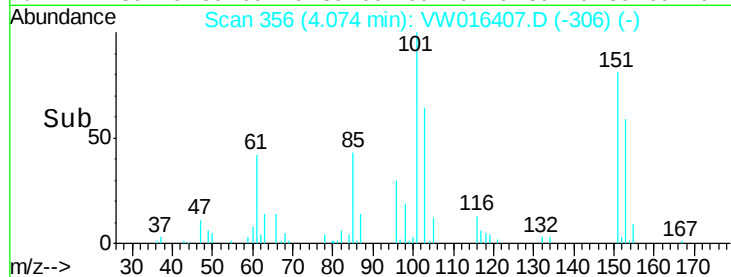
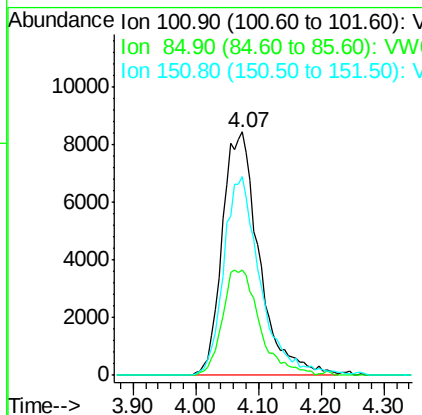
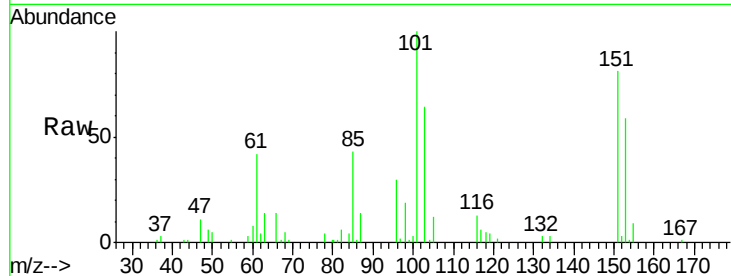
ClientSampleId :

VW0831SBS01

Tot Ion:	101	Resp:	34353
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.2	51.2
151	80.7	63.8	95.8

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#10

Methyl Iodide

Concen: 20.356 ug/l

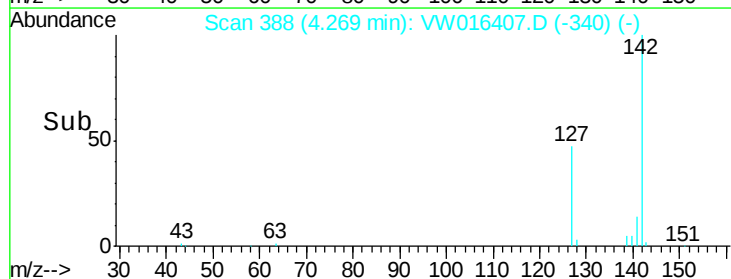
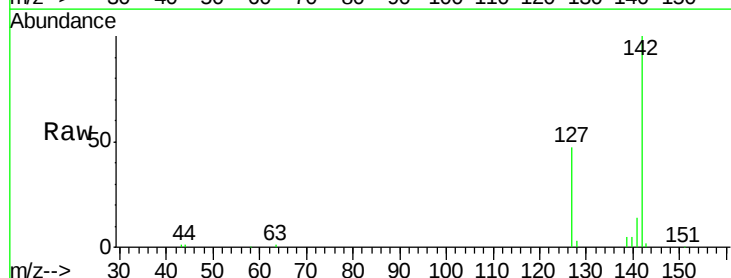
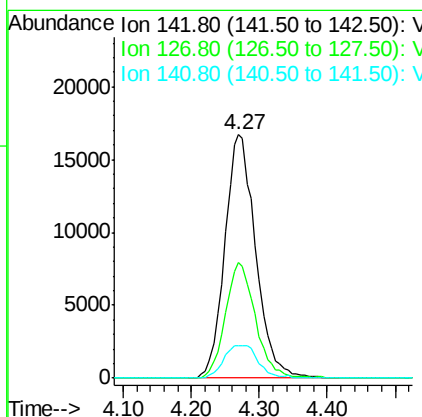
RT: 4.27 min Scan# 388

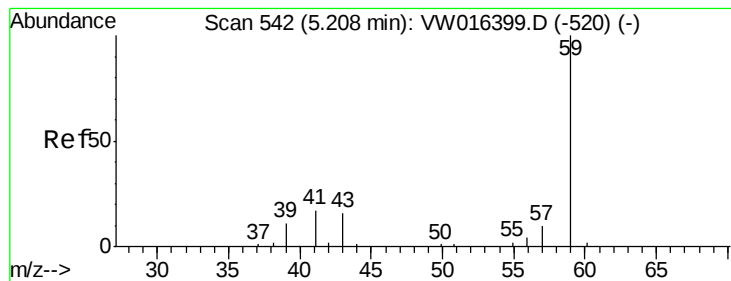
Delta R.T. -0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Tgt Ion:	142	Resp:	52442
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.2	54.4
141	15.0	11.8	17.6





#11

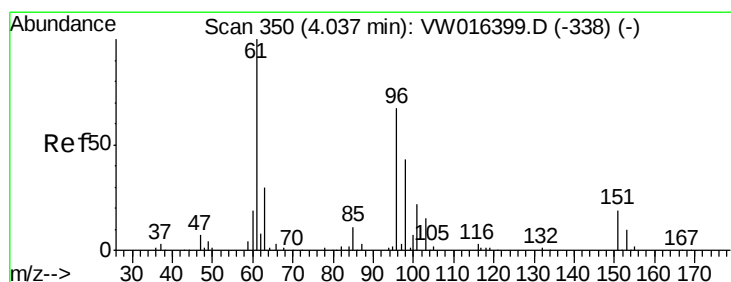
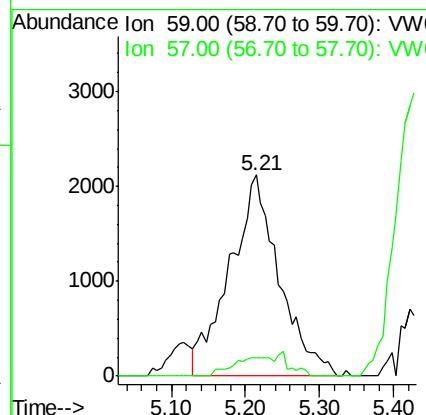
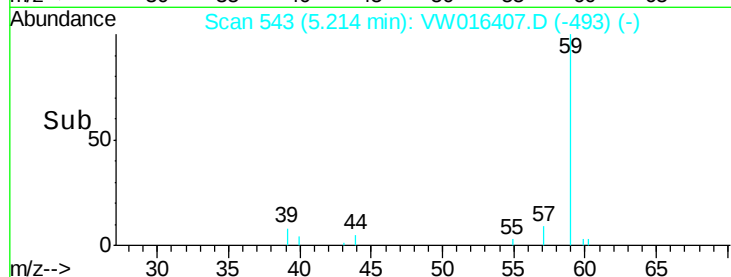
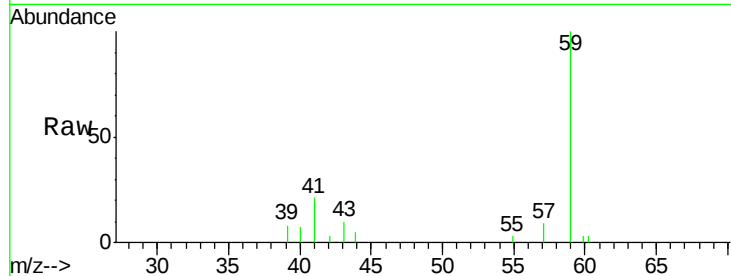
Tert butyl alcohol
 Concen: 82.127 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.8	8.2	12.4#

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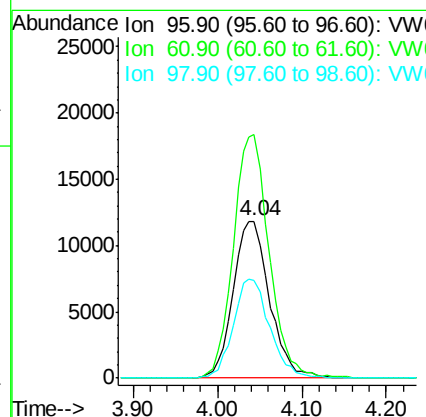
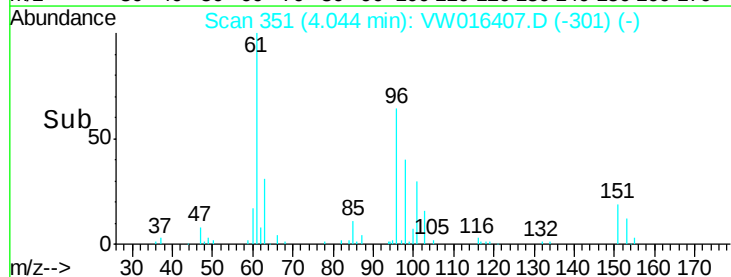
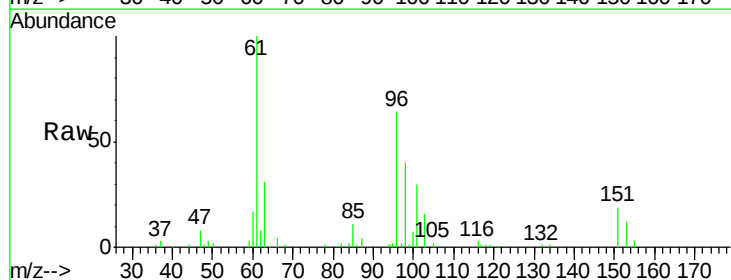
MMDadoda
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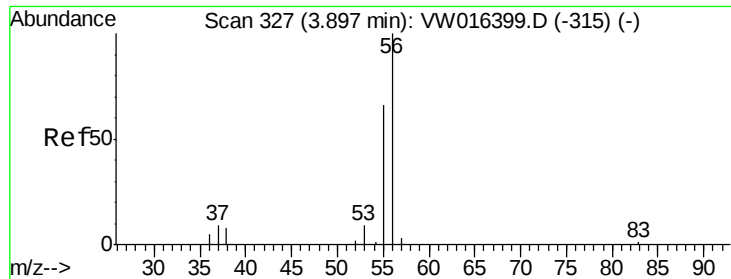


#12

1,1-Dichloroethene
 Concen: 20.122 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	119.0	178.4
98	62.2	50.6	76.0





#13

Acrolein

Concen: 94.731 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Tot Ion: 56 Resp: 7897

Ion Ratio Lower Upper

56 100

55 64.3 54.8 82.2

Instrument :

MSVOA_W

ClientSampleId :

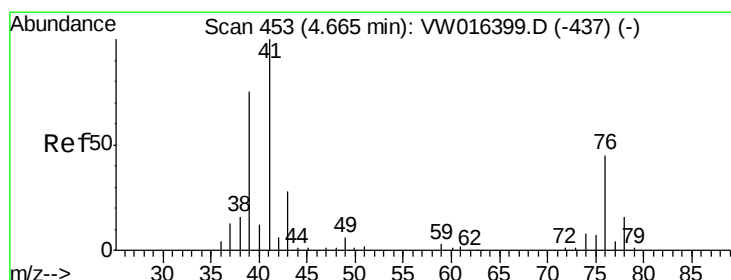
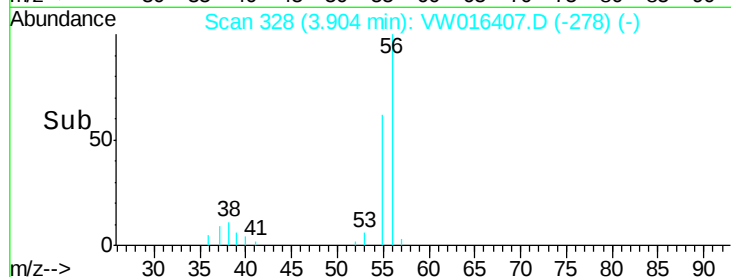
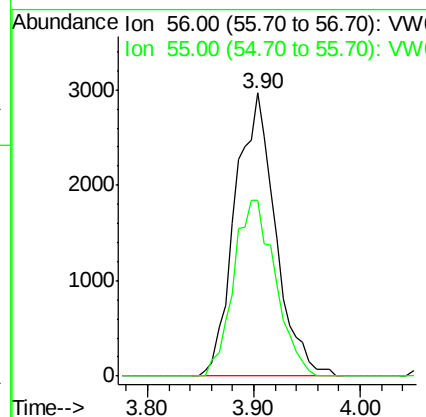
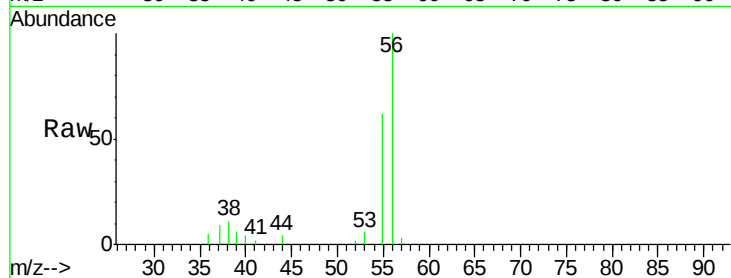
VW0831SBS01

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#14

Allyl chloride

Concen: 19.054 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

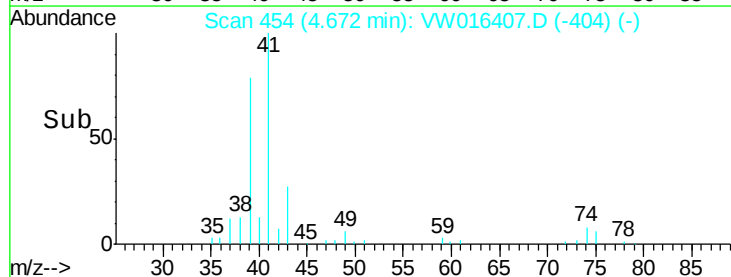
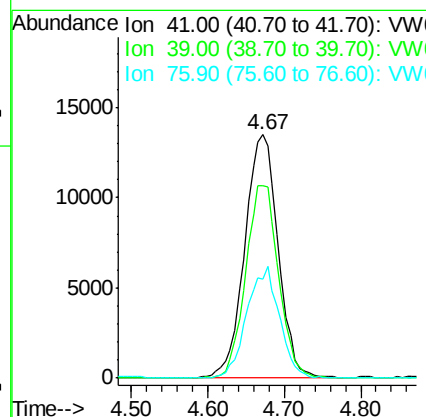
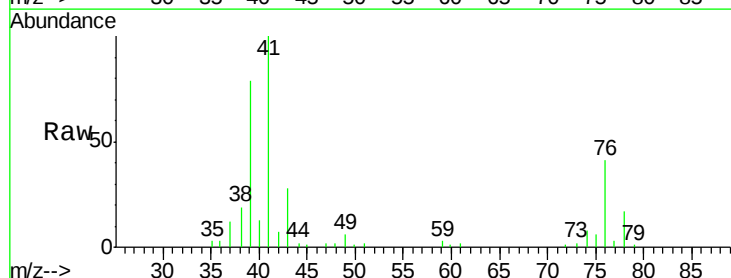
Tgt Ion: 41 Resp: 40973

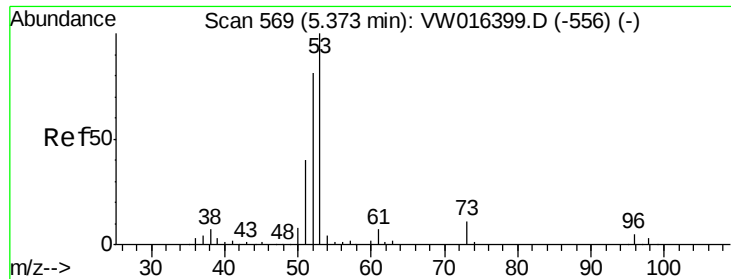
Ion Ratio Lower Upper

41 100

39 78.3 60.2 90.2

76 44.6 35.7 53.5





#15

Acrylonitrile

Concen: 91.285 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

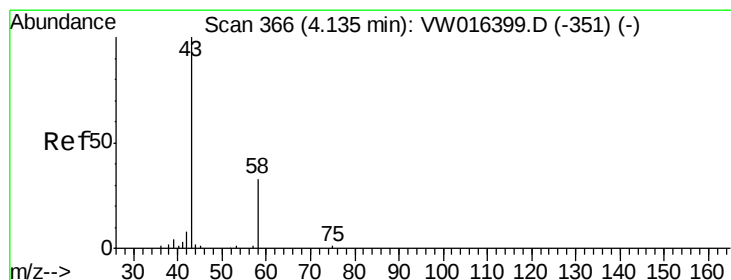
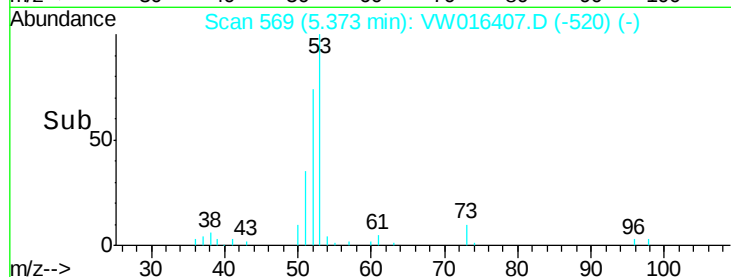
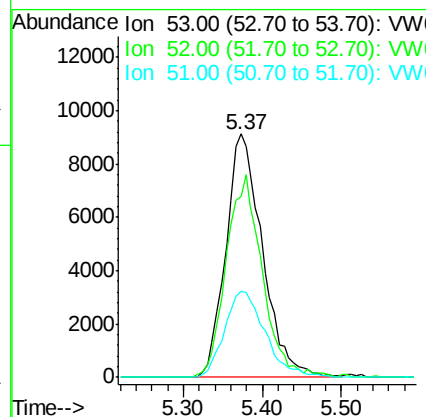
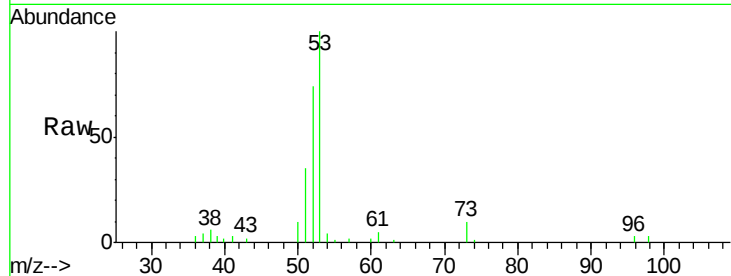
ClientSampleId :

VW0831SBS01

Tot Ion:	53	Resp:	29547
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.1	99.1
51	39.1	29.9	44.9

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#16

Acetone

Concen: 90.288 ug/l

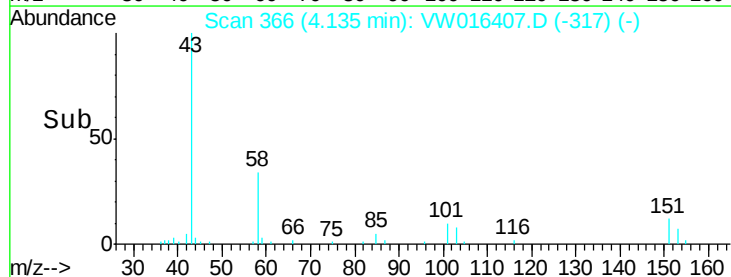
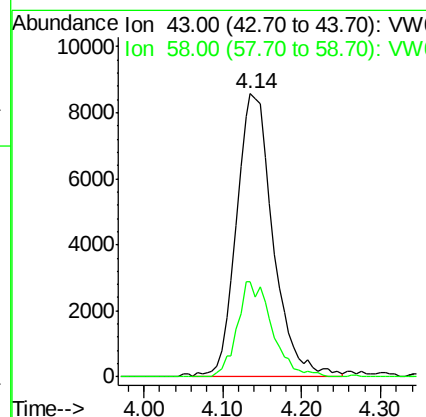
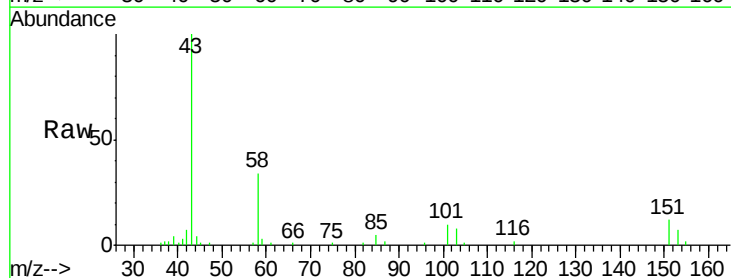
RT: 4.14 min Scan# 366

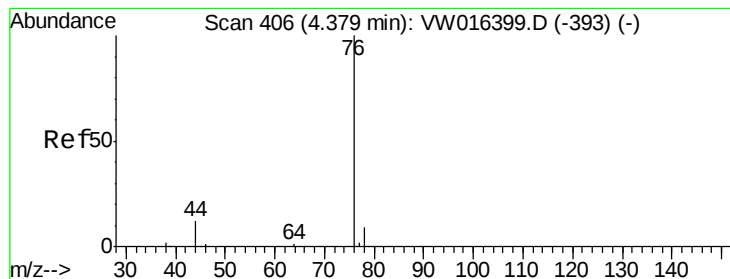
Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Tgt Ion:	43	Resp:	27744
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.6	39.8





#17

Carbon Disulfide

Concen: 20.382 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBSD01

Tot Ion: 76 Resp: 98444

Ion Ratio Lower Upper

76 100

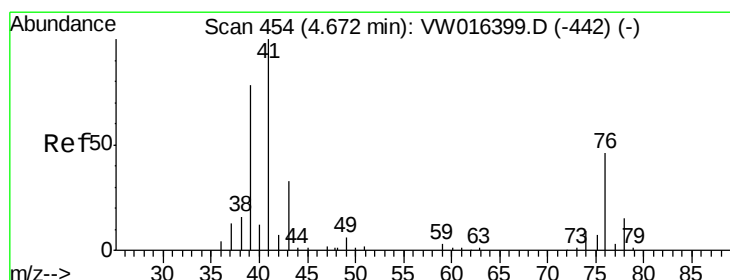
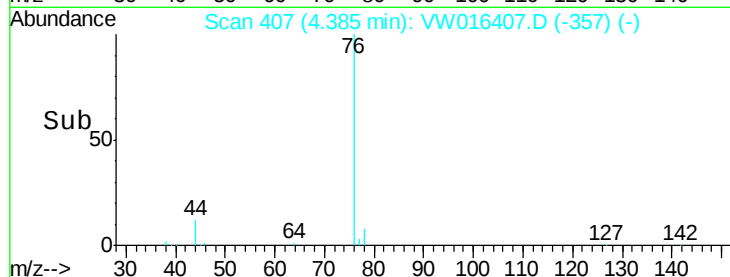
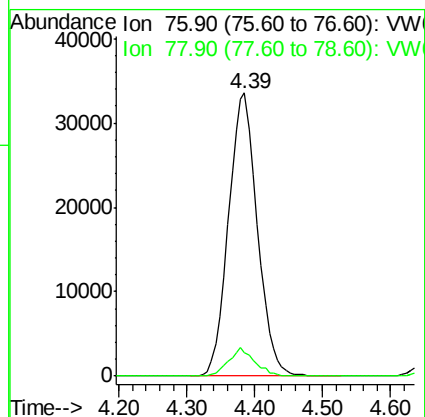
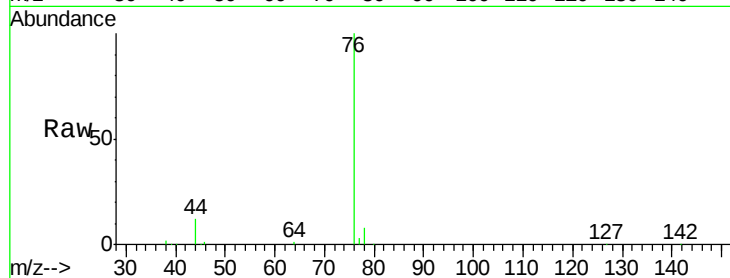
78 8.4 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 17.984 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW016407.D

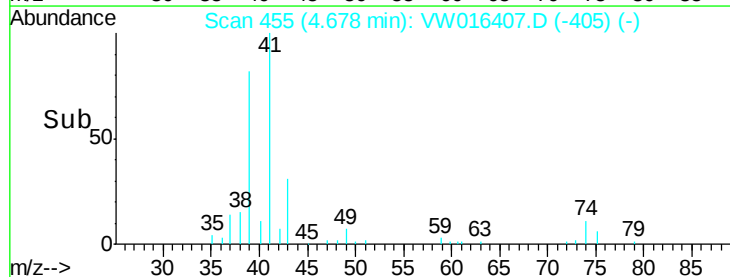
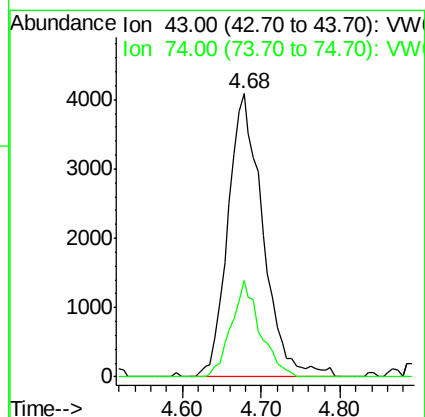
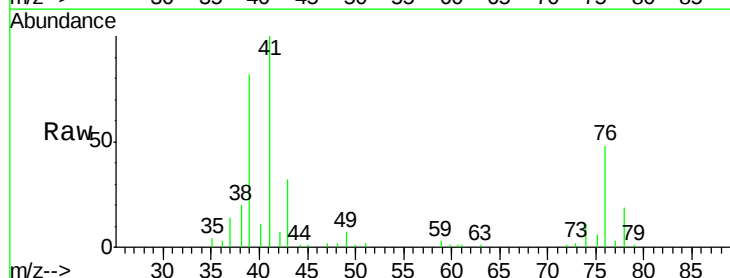
Acq: 31 Aug 2020 13:27

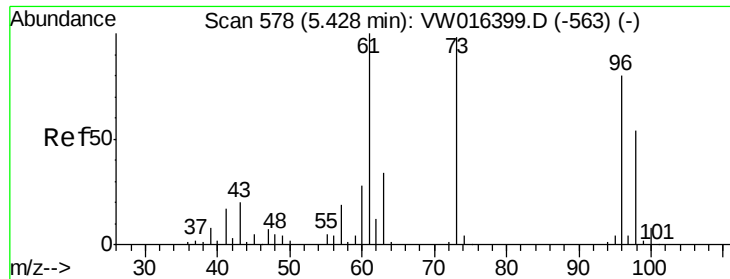
Tgt Ion: 43 Resp: 12601

Ion Ratio Lower Upper

43 100

74 28.0 23.2 34.8





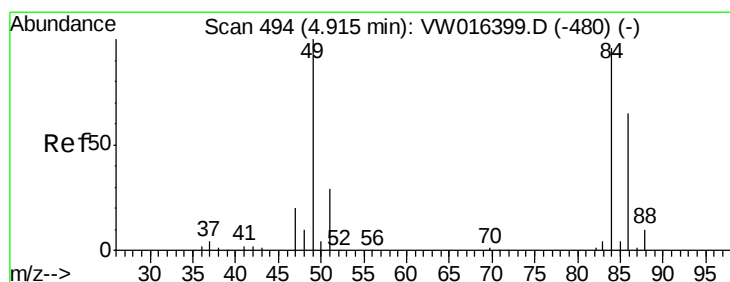
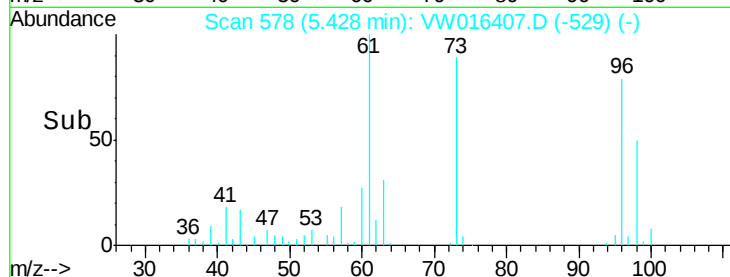
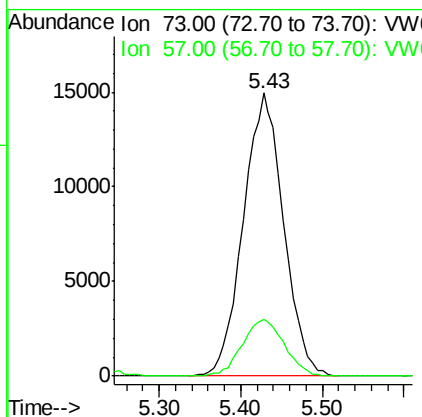
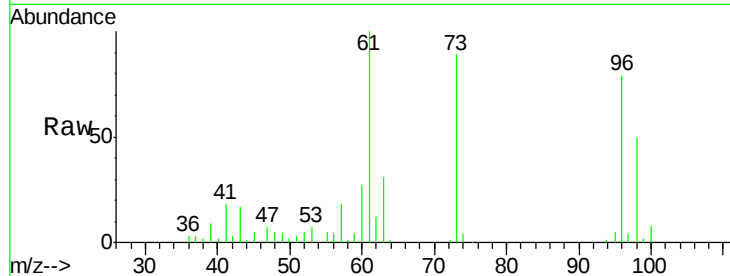
#19
Methyl tert-butyl Ether
Concen: 19.436 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion: 73 Resp: 51084
Ion Ratio Lower Upper
73 100
57 20.0 15.0 22.6

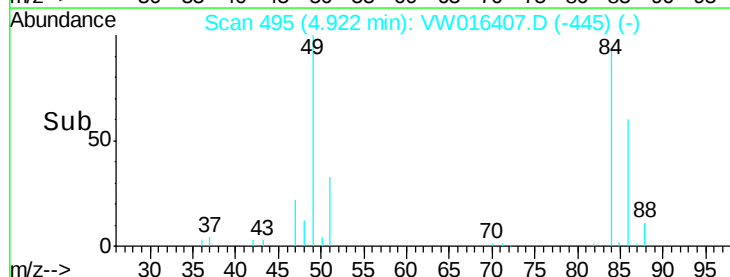
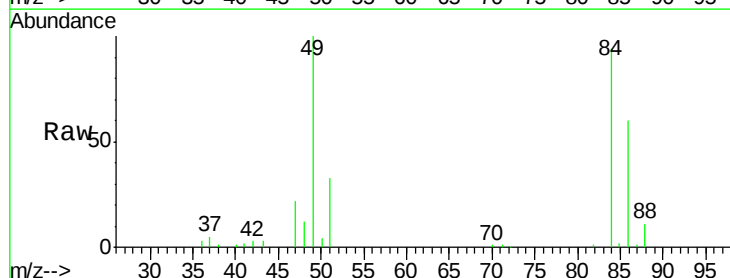
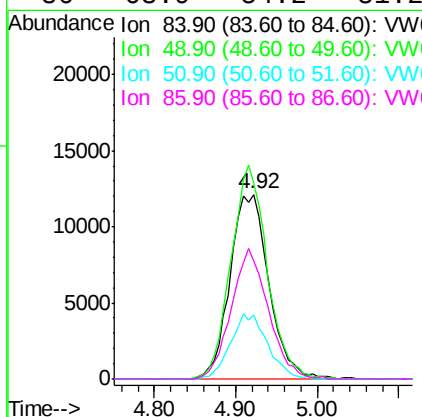
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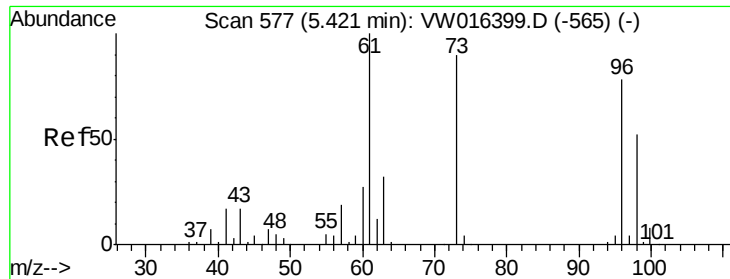
MMDadoda
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#20
Methylene Chloride
Concen: 16.887 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion: 84 Resp: 39997
Ion Ratio Lower Upper
84 100
49 105.9 83.2 124.8
51 34.6 24.4 36.6
86 63.9 54.2 81.2





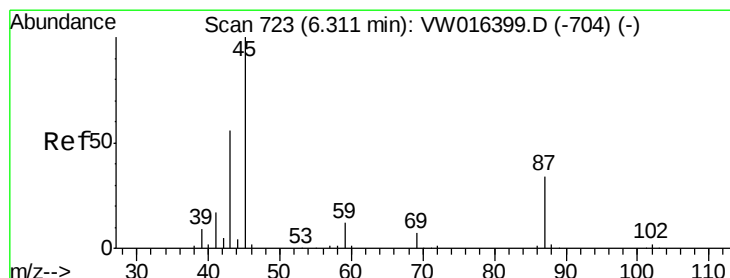
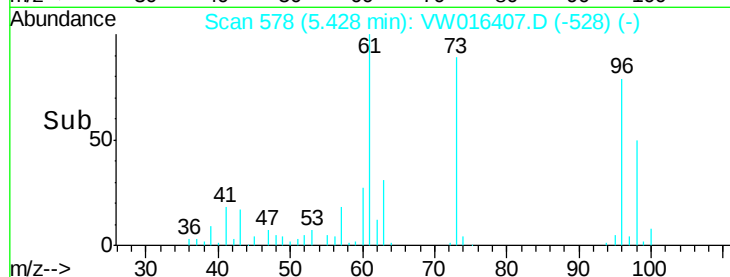
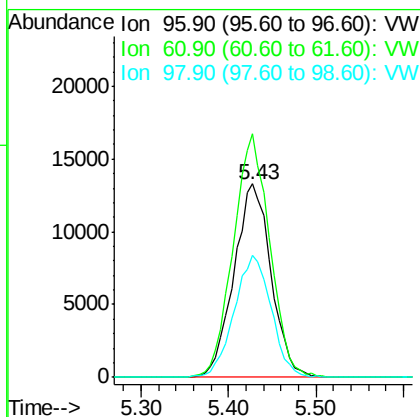
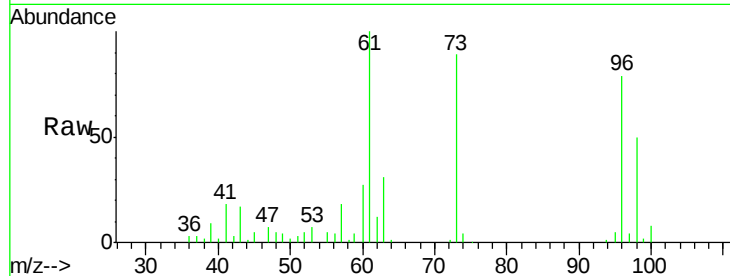
#21
trans-1,2-Dichloroethene
Concen: 20.290 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.0	103.0	154.6
98	62.9	53.8	80.6

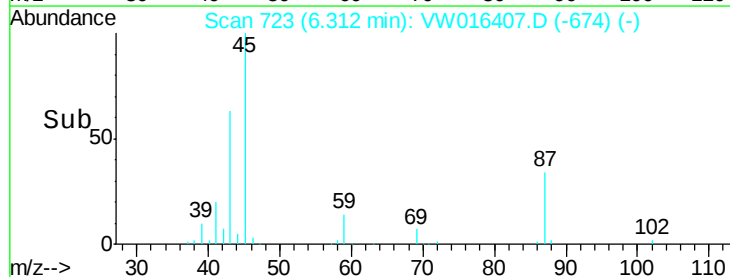
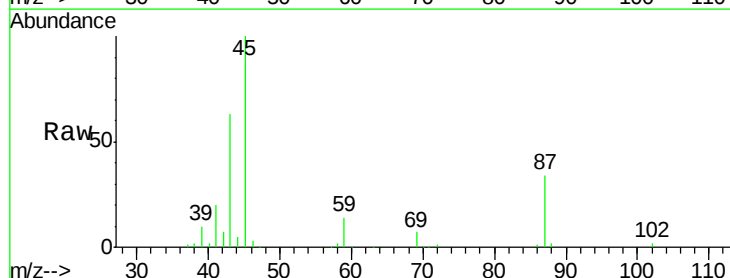
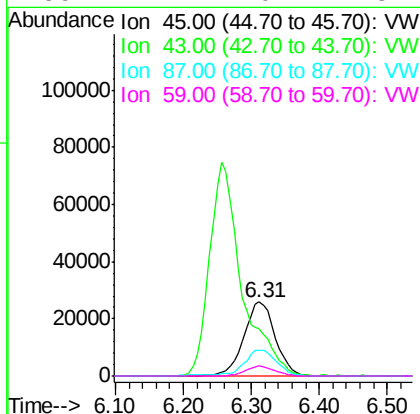
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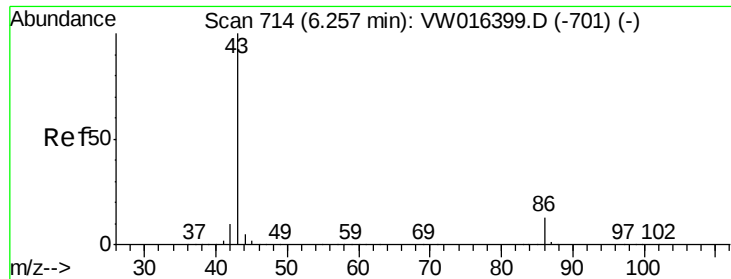
MMDadoda
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#22
Diisopropyl ether
Concen: 19.534 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.4	44.6	67.0
87	34.4	27.5	41.3
59	14.4	10.2	15.2





#23

Vinyl Acetate

Concen: 94.378 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

Tot Ion: 43 Resp: 246191

Ion Ratio Lower Upper

43 100

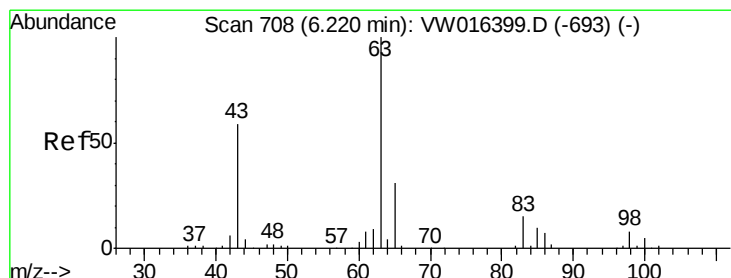
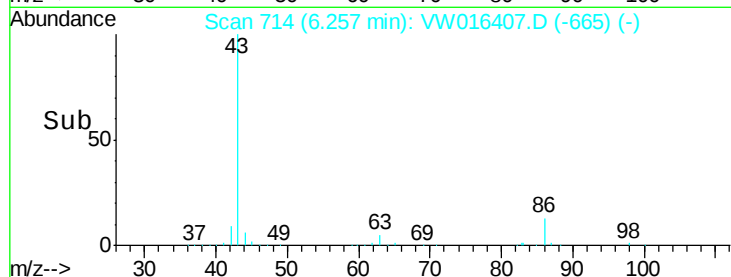
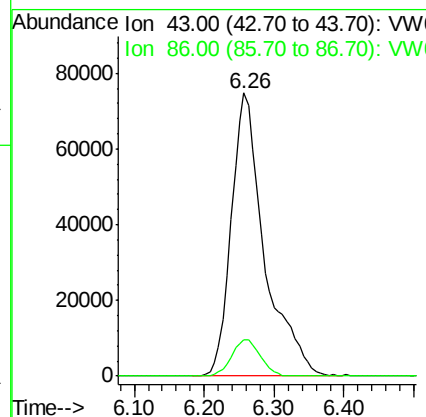
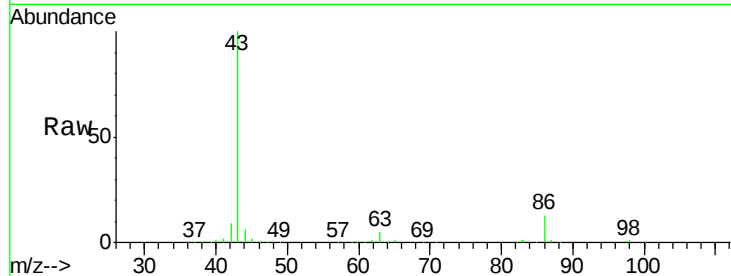
86 12.6 10.6 15.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.654 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

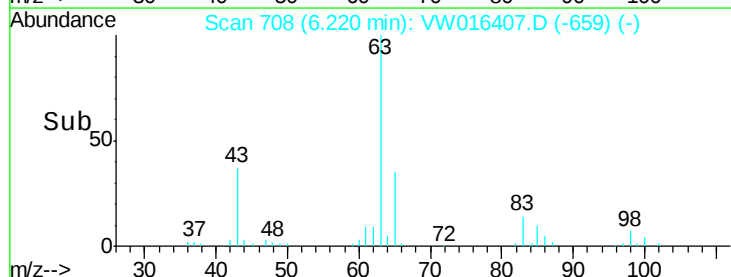
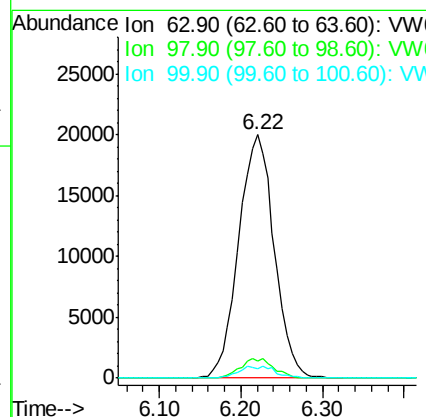
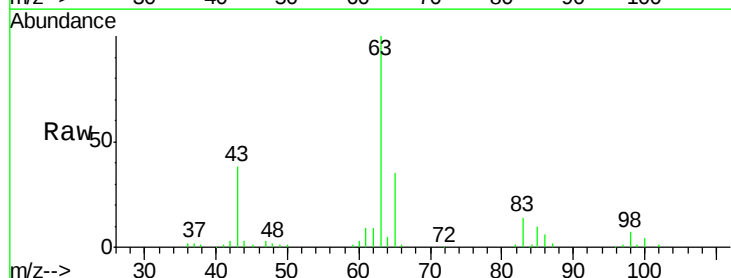
Tgt Ion: 63 Resp: 60315

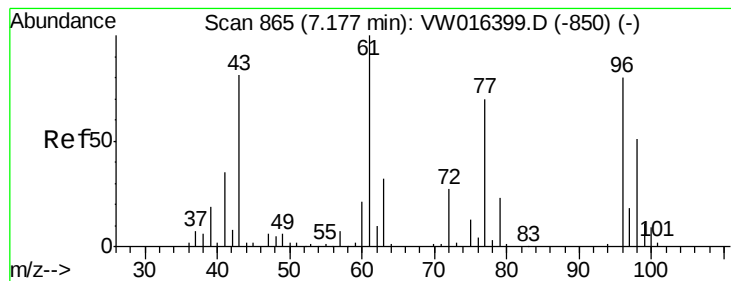
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

100 4.0 2.5 7.5





#25

2-Butanone

Concen: 86.713 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBSD01

Tot Ion: 43 Resp: 36152

Ion Ratio Lower Upper

43 100

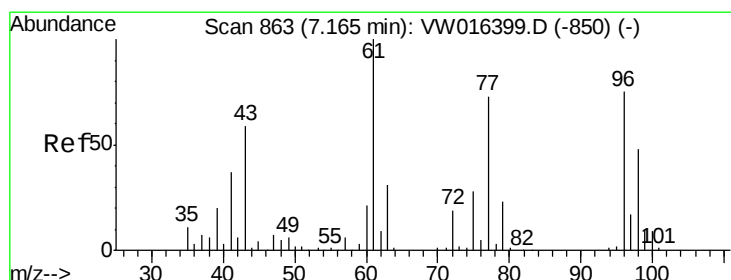
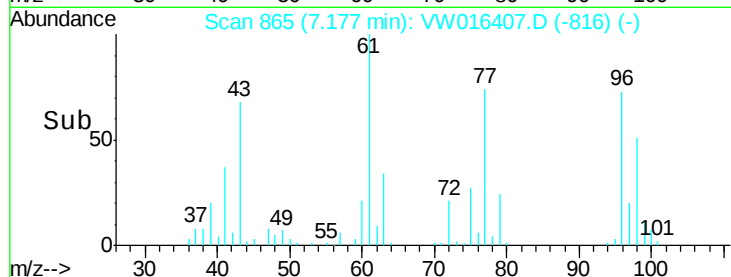
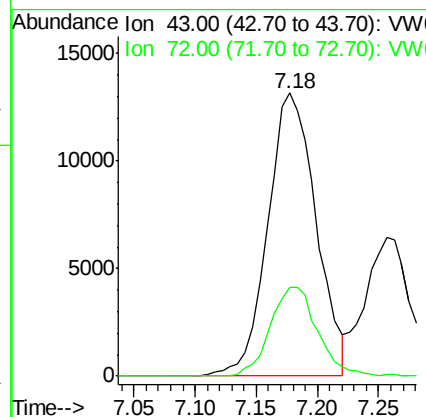
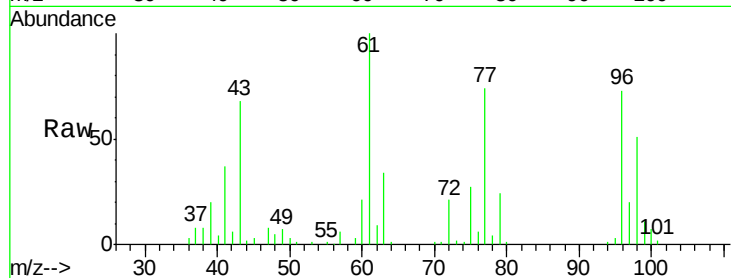
72 31.5 26.7 40.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.452 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW016407.D

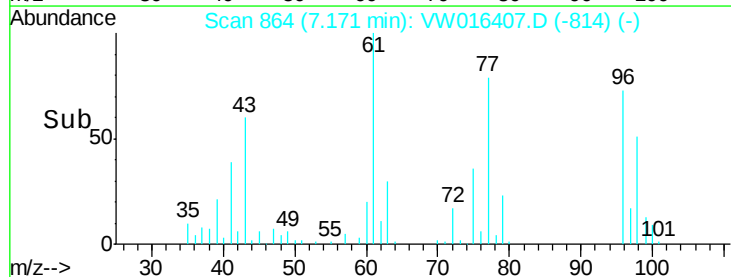
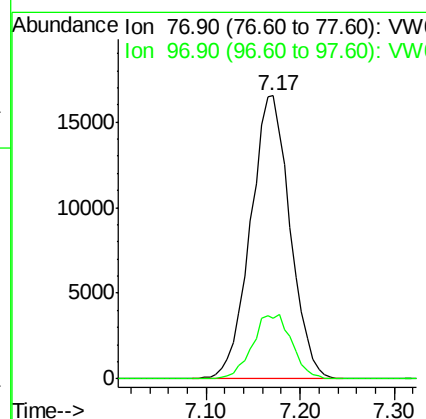
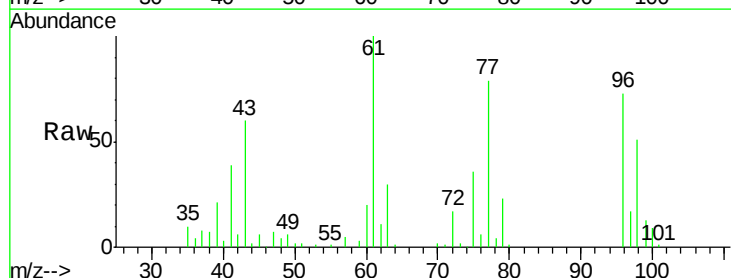
Acq: 31 Aug 2020 13:27

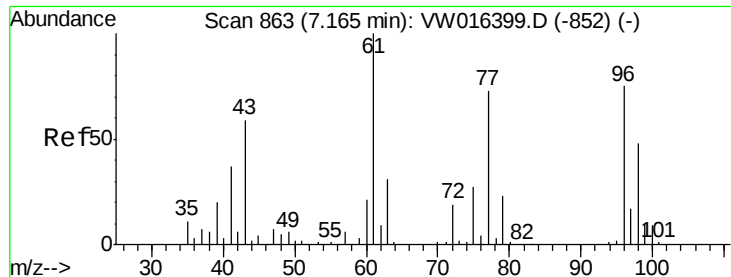
Tgt Ion: 77 Resp: 48476

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0





#27

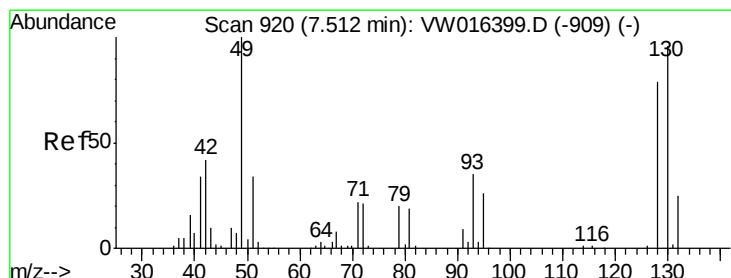
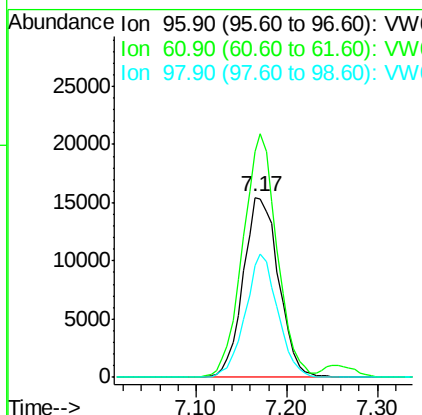
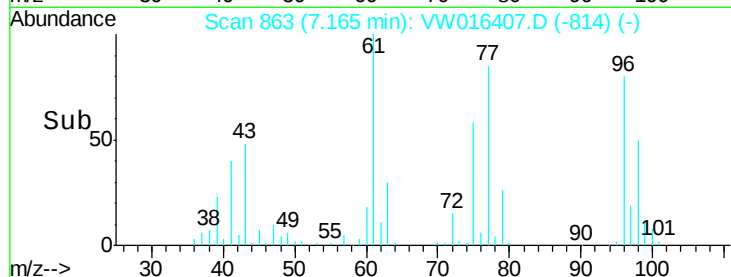
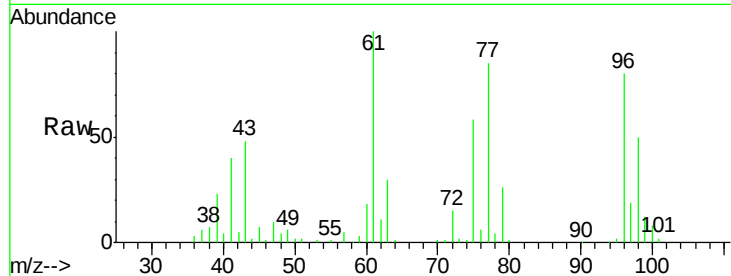
cis-1,2-Dichloroethene
Concen: 20.035 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	41853		
61	130.1	0.0	268.6	
98	62.5	0.0	130.0	

Manual Integrations
APPROVED

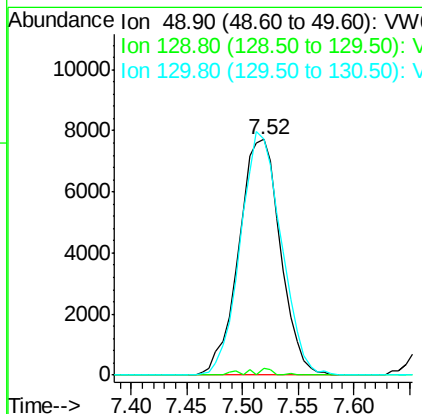
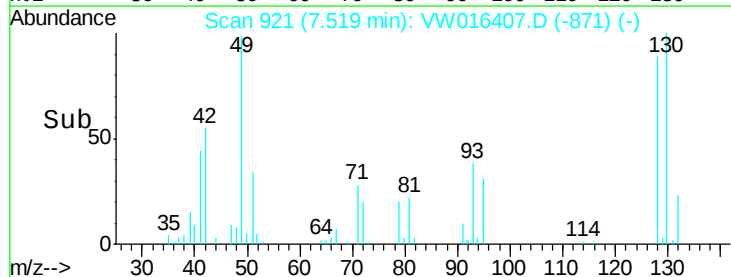
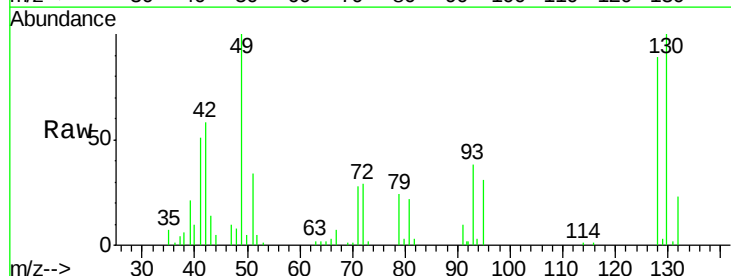
MMDadoda
9/1/2020 12:40:20 PM

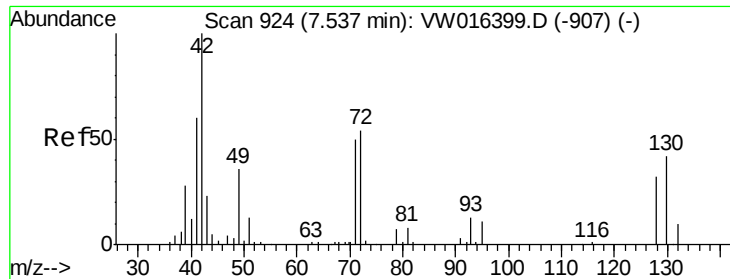


#28

Bromochloromethane
Concen: 18.005 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	20071		
129	1.0	0.0	1.8	
130	101.1	80.8	121.2	





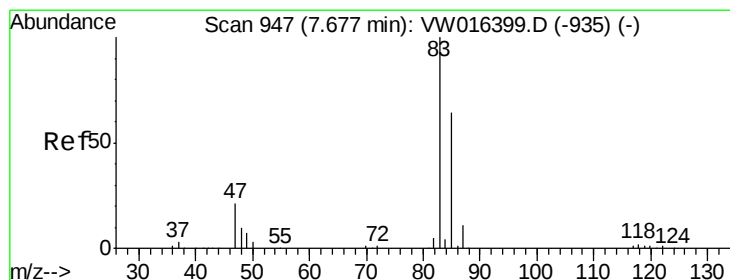
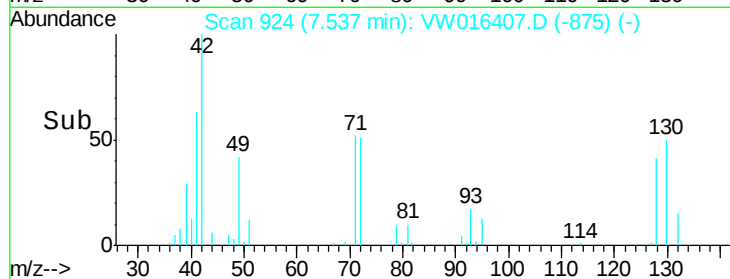
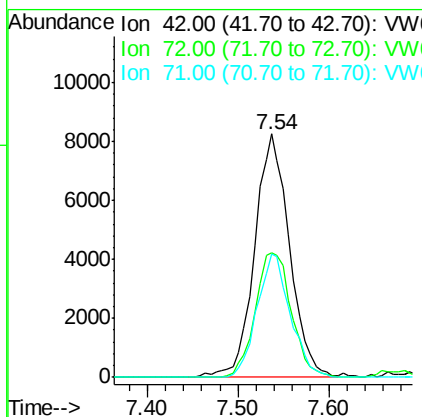
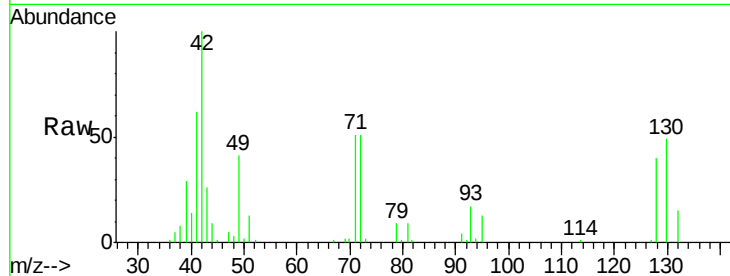
#29
Tetrahydrofuran
Concen: 88.131 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.1	42.3	63.5
71	48.3	39.5	59.3

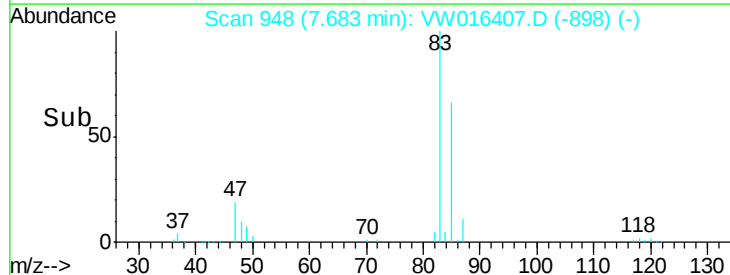
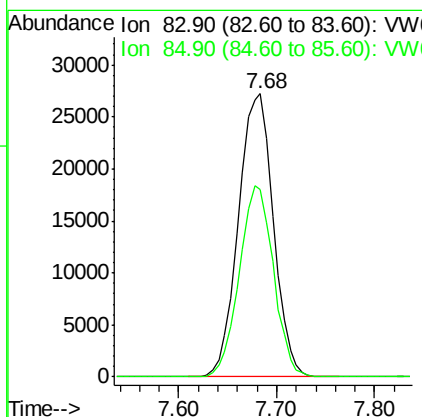
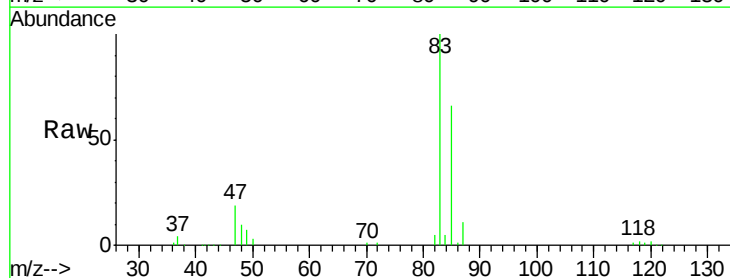
Manual Integrations
APPROVED

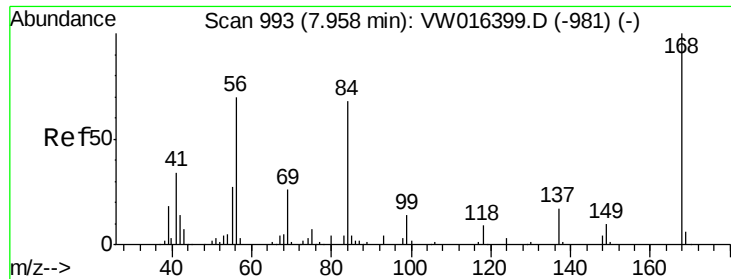
MMDadoda
9/1/2020 12:40:20 PM



#30
Chloroform
Concen: 19.815 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.6	77.4





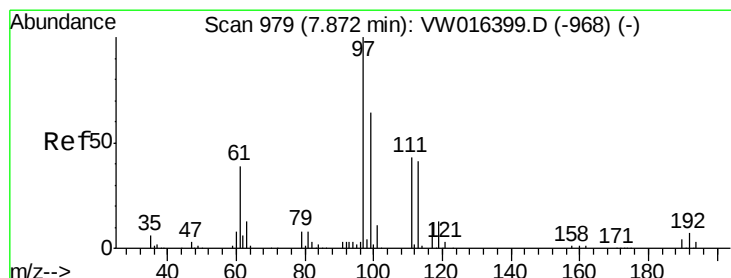
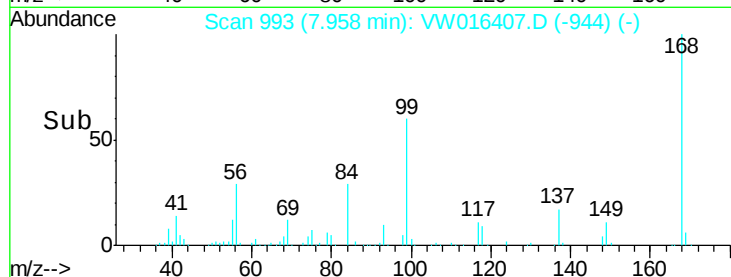
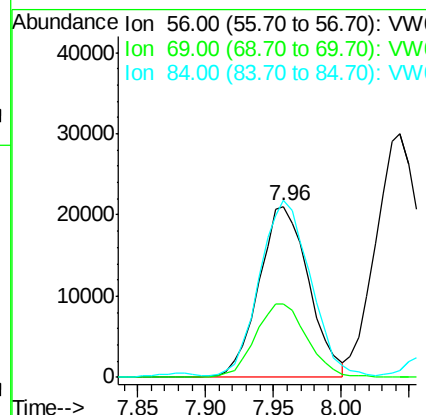
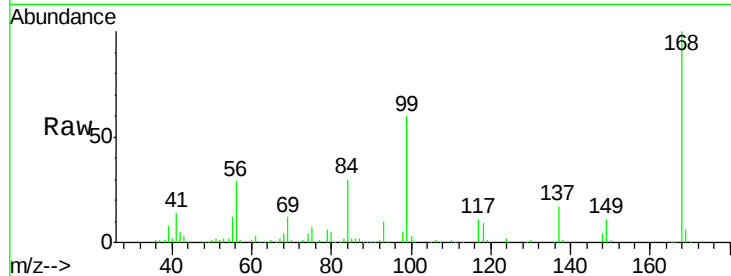
#31
Cyclohexane
Concen: 19.207 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.6	30.0	45.0
84	102.4	77.4	116.2

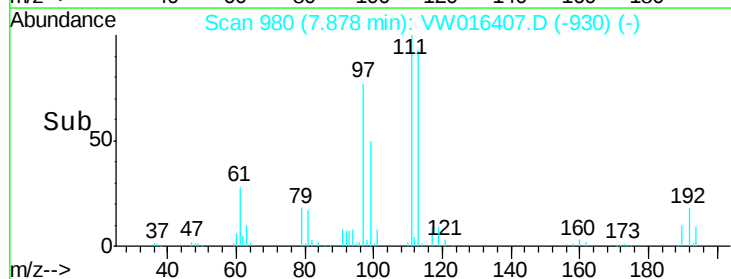
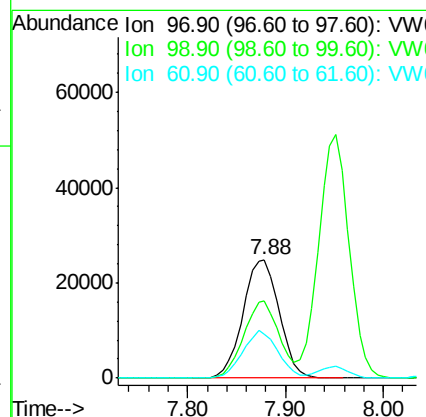
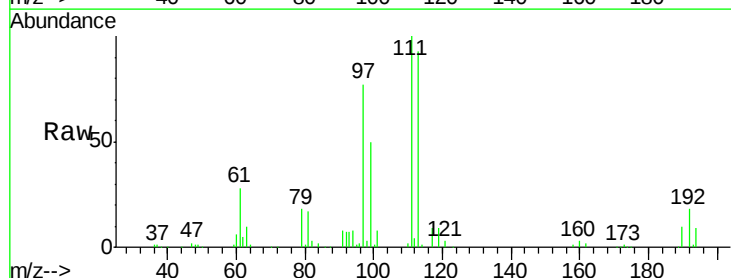
Manual Integrations
APPROVED

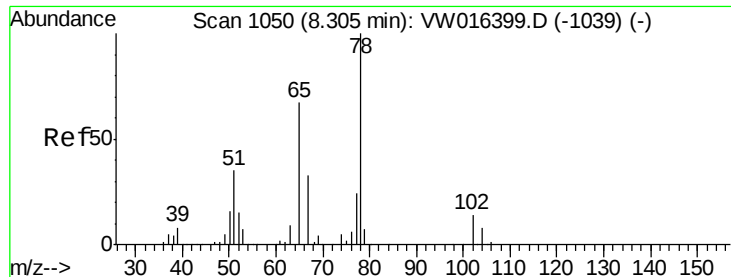
MMDadoda
9/1/2020 12:40:20 PM



#32
1,1,1-Trichloroethane
Concen: 20.866 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.0	78.0
61	39.1	31.0	46.6





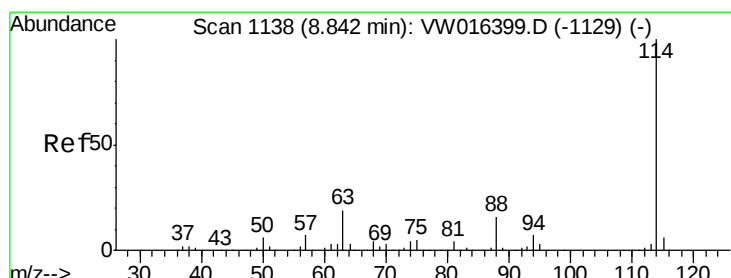
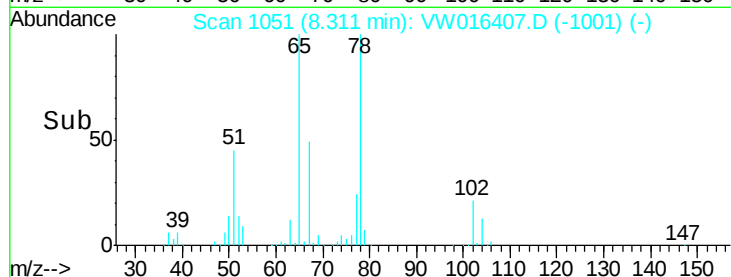
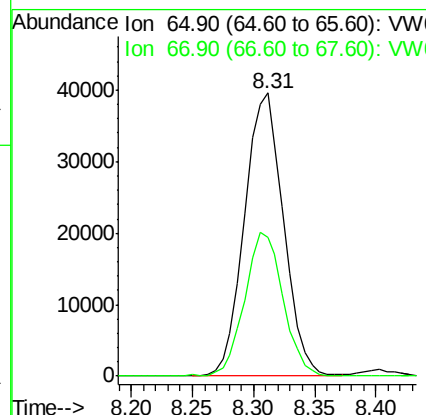
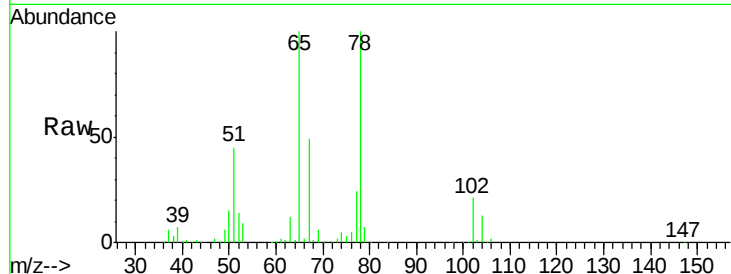
#33
 1,2-Dichloroethane-d4
 Concen: 48.438 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	87650		
67	50.0	0.0	100.2	

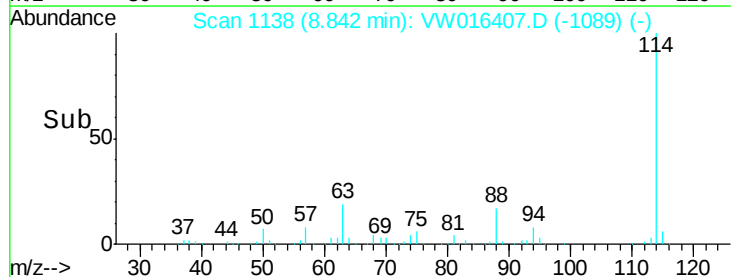
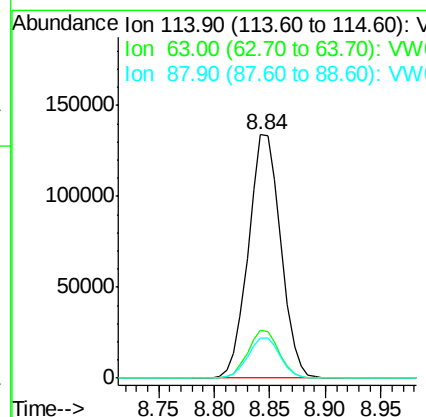
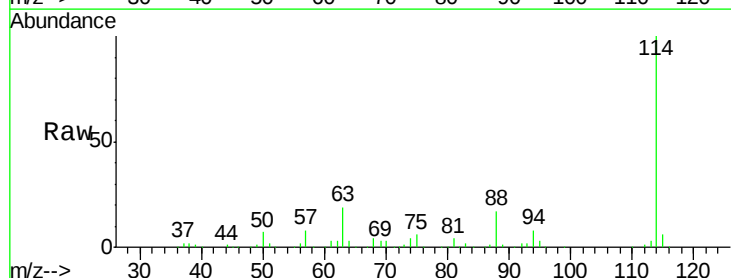
Manual Integrations
 APPROVED

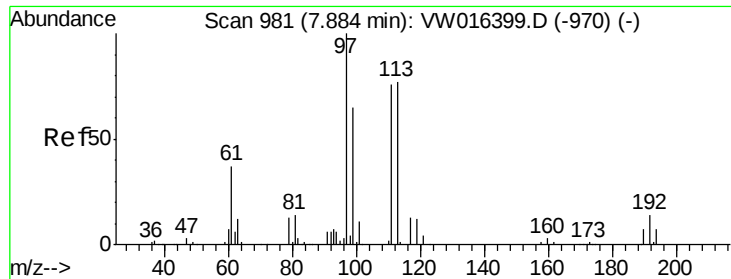
MMDadoda
 9/1/2020 12:40:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	271988		
63	19.4	0.0	37.8	
88	16.5	0.0	31.2	





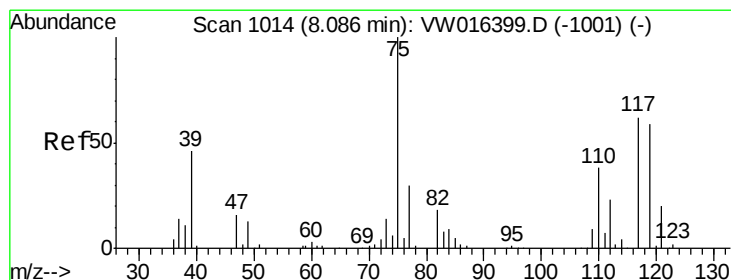
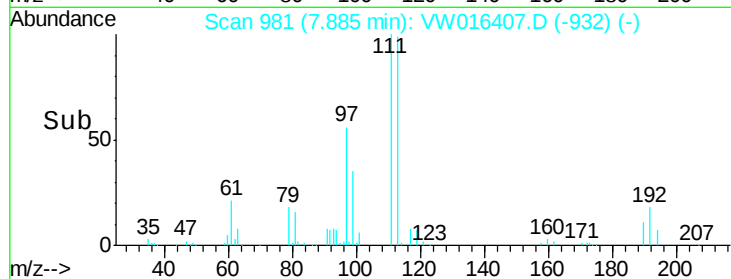
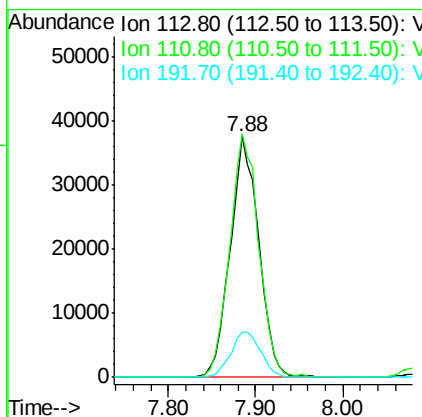
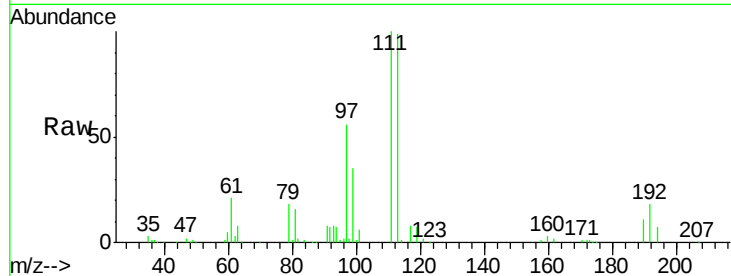
#35
 Dibromofluoromethane
 Concen: 49.641 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	19.8	15.5	23.3

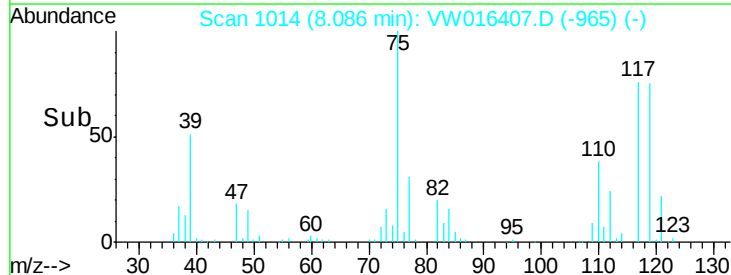
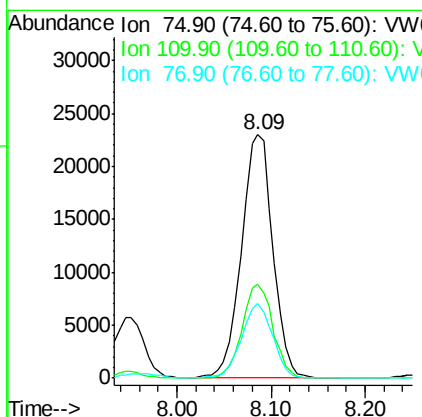
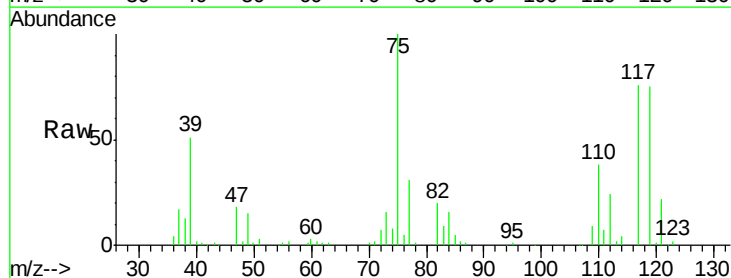
Manual Integrations
 APPROVED

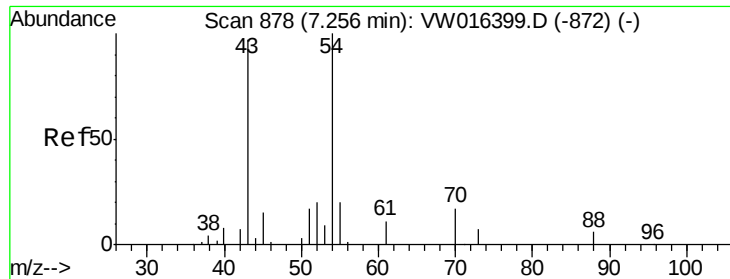
MMDadoda
 9/1/2020 12:40:20 PM



#36
 1,1-Dichloropropene
 Concen: 20.787 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.6	56.0
77	30.3	25.1	37.7





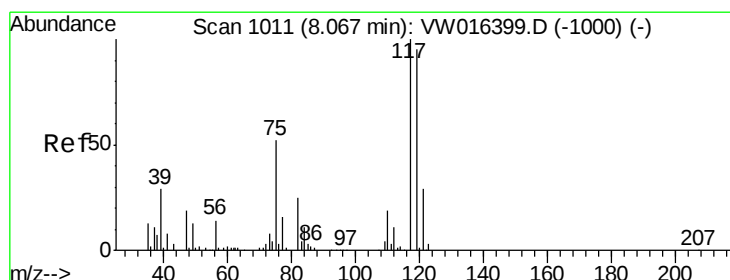
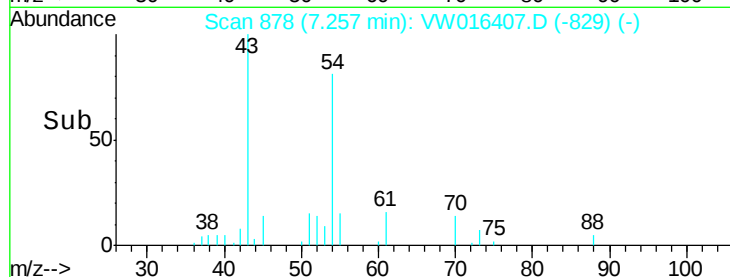
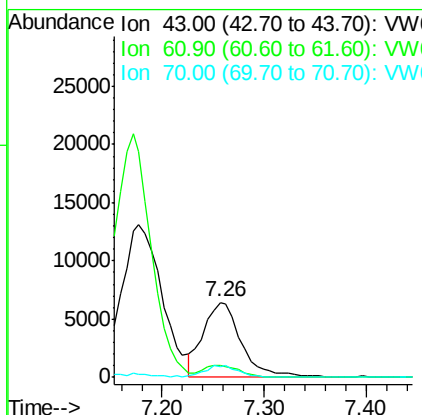
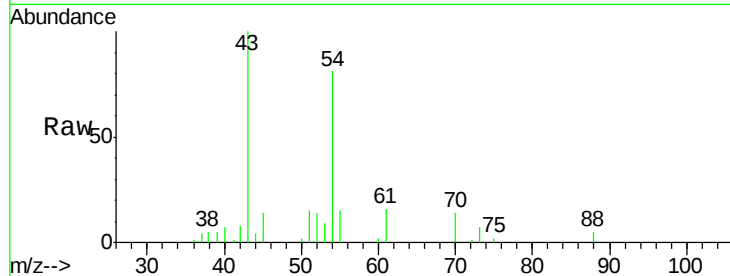
#37
Ethyl Acetate
Concen: 19.196 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleID :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	14.0	10.7	16.1

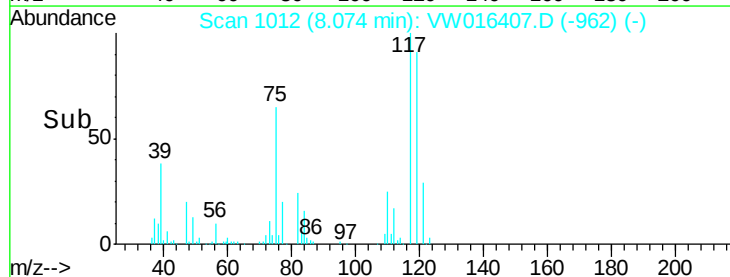
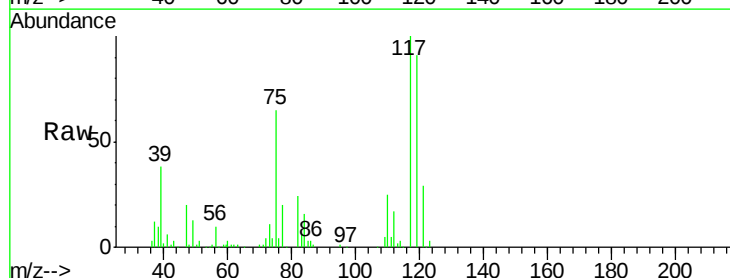
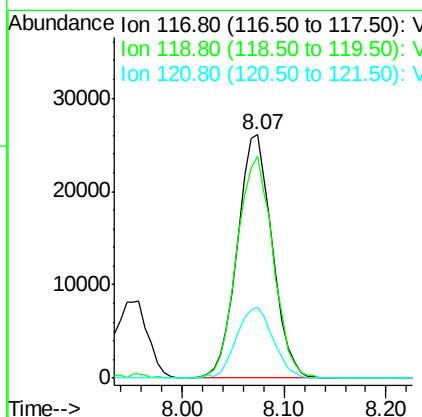
Manual Integrations
APPROVED

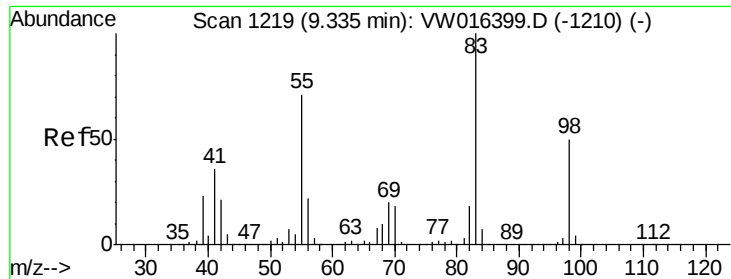
MMDadoda
9/1/2020 12:40:20 PM



#38
Carbon Tetrachloride
Concen: 21.831 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	76.3	114.5
121	29.1	23.0	34.6





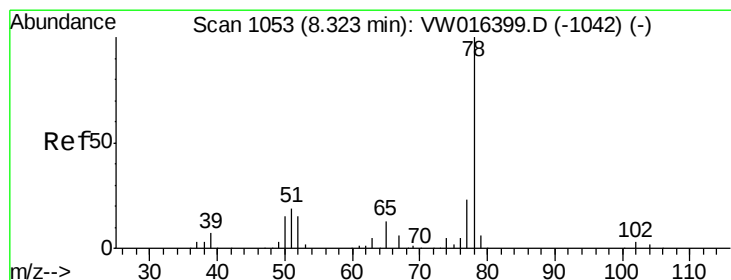
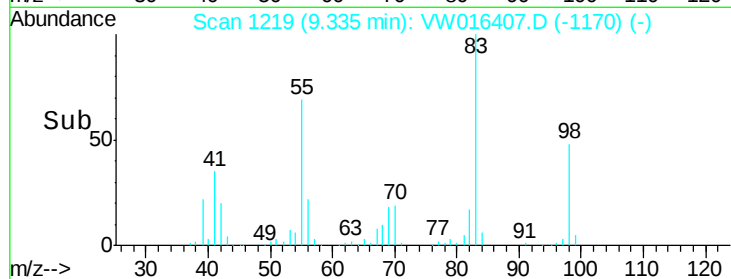
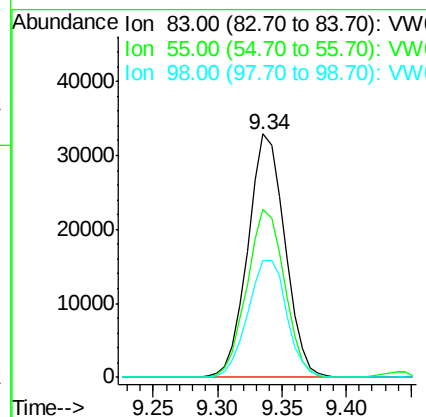
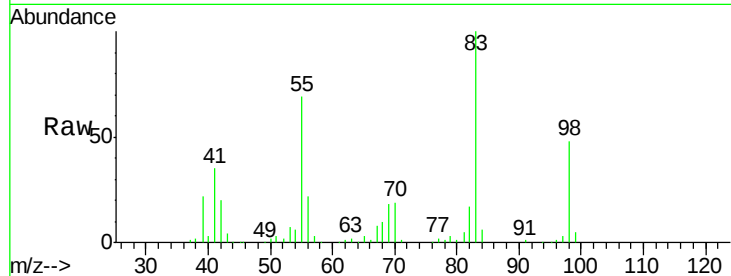
#39
Methvlcvclohexane
Concen: 20.915 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	83	Resp	65551
Ion Ratio	100	Lower	Upper
55	69.3	57.0	85.6
98	48.1	39.9	59.9

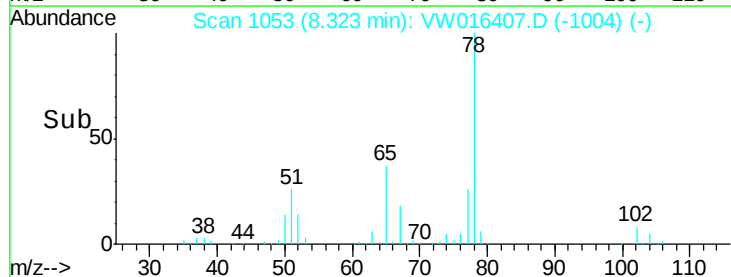
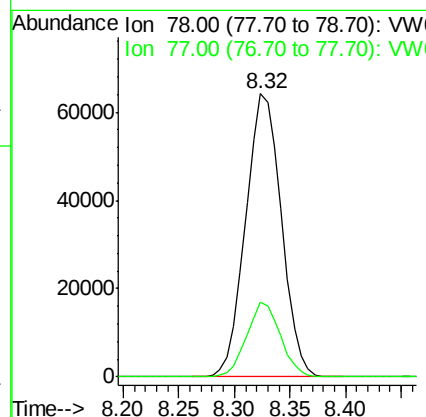
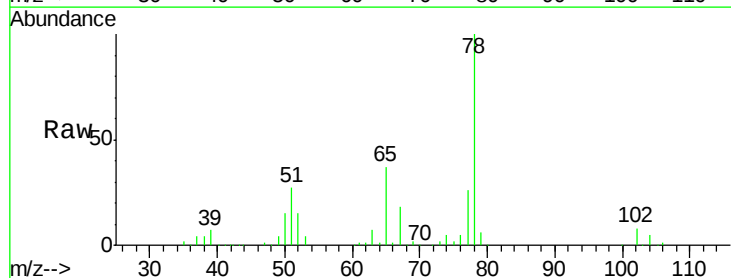
Manual Integrations
APPROVED

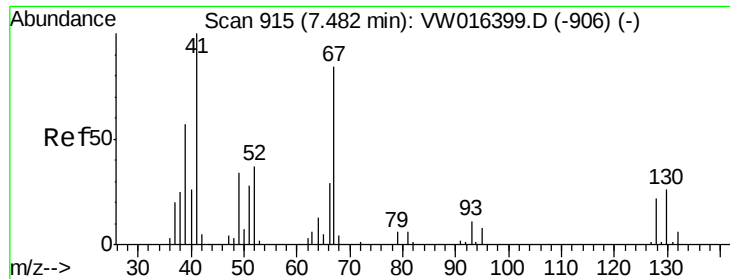
MMDadoda
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#40
Benzene
Concen: 20.731 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	78	Resp	143660
Ion Ratio	100	Lower	Upper
77	26.2	18.6	27.8





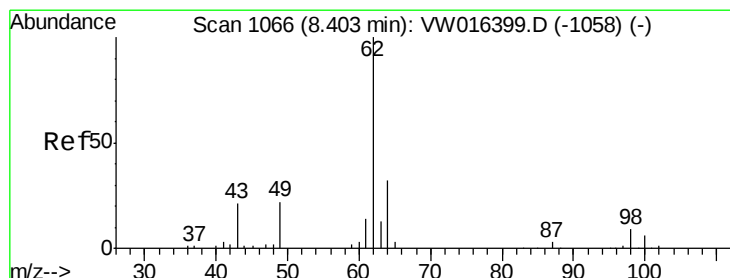
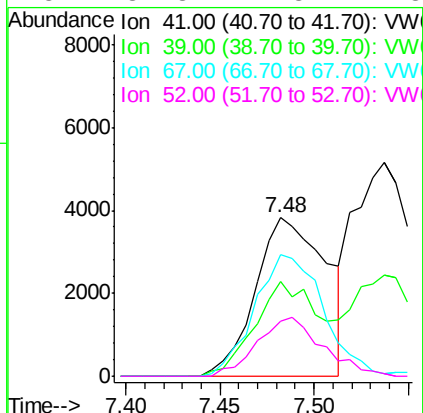
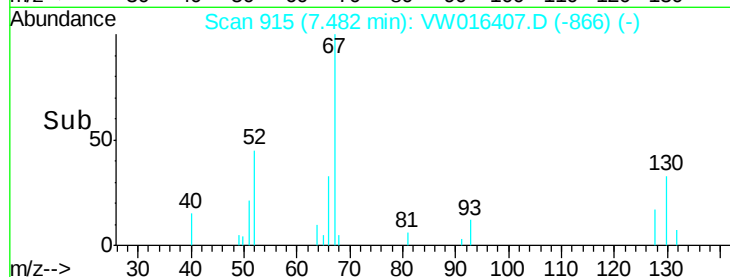
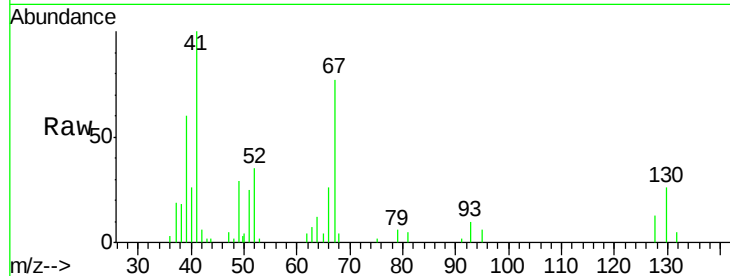
#41
Methacrylonitrile
Concen: 19.739 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.7	45.4	68.2
67	75.1	65.8	98.6
52	34.3	27.8	41.8

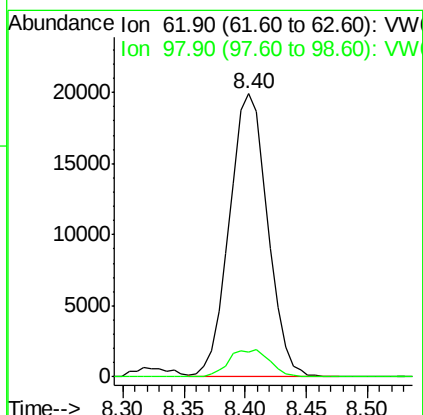
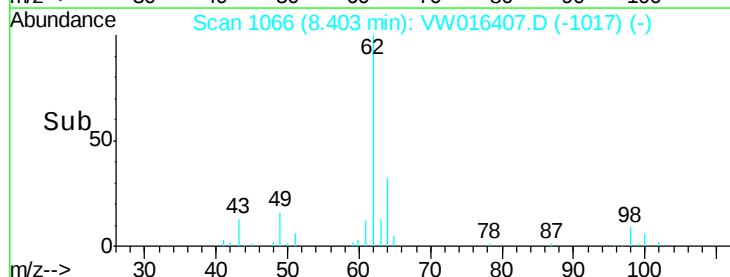
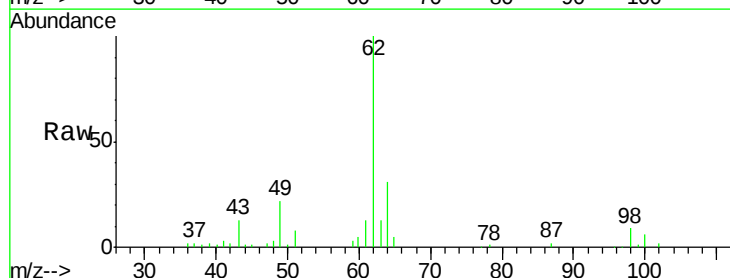
Manual Integrations
APPROVED

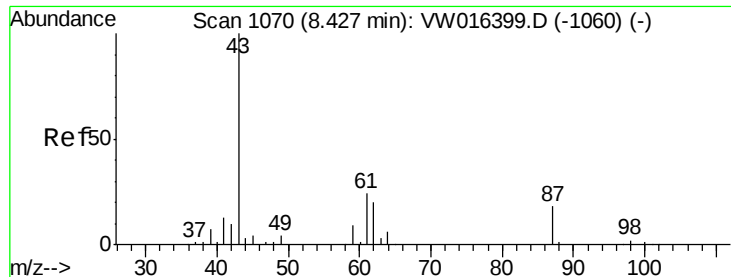
MMDadoda
9/1/2020 12:40:20 PM



#42
1,2-Dichloroethane
Concen: 20.456 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.438 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

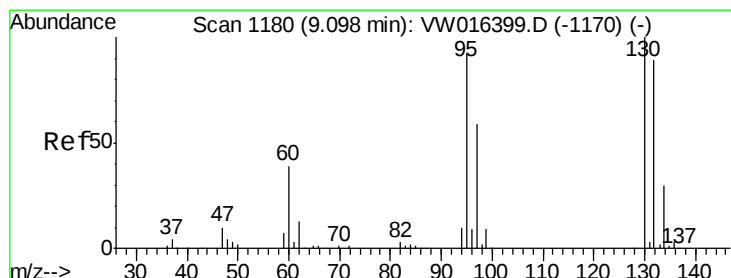
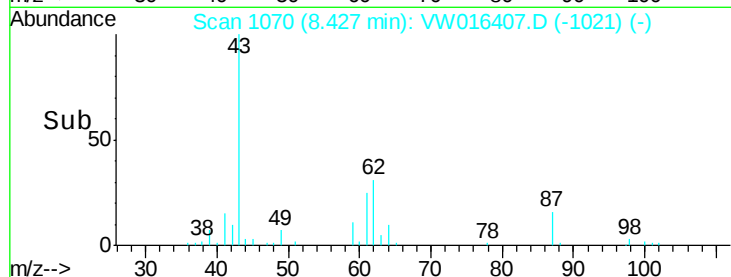
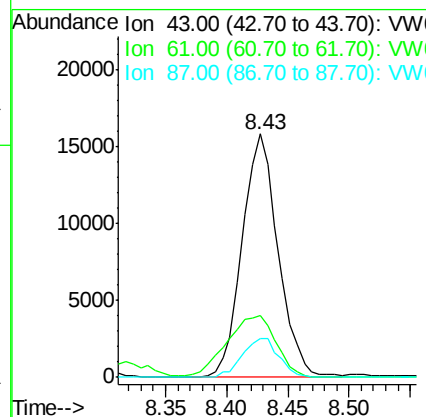
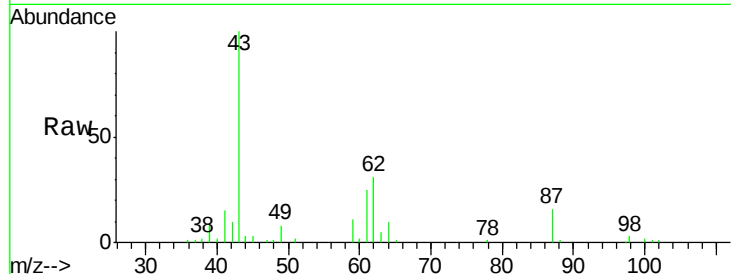
ClientSampleId :

VW0831SBS01

Tot Ion:	43	Resp:	32265
Ion	Ratio	Lower	Upper
43	100		
61	35.0	27.5	41.3
87	16.4	13.5	20.3

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#44

Trichloroethene

Concen: 20.508 ug/l

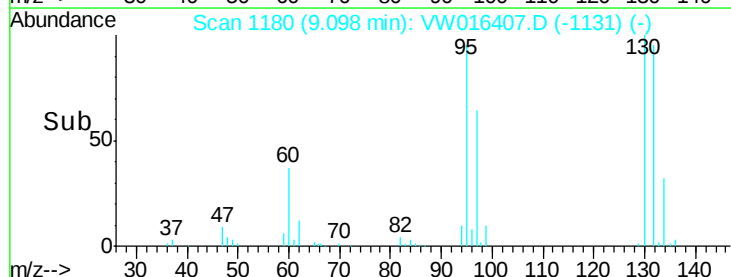
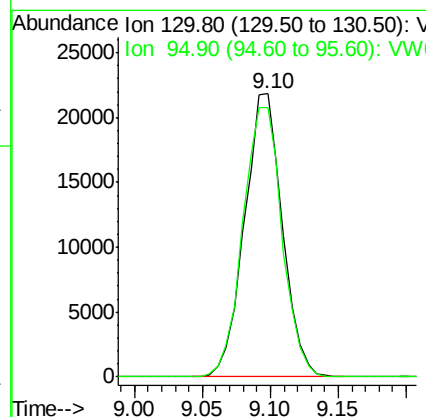
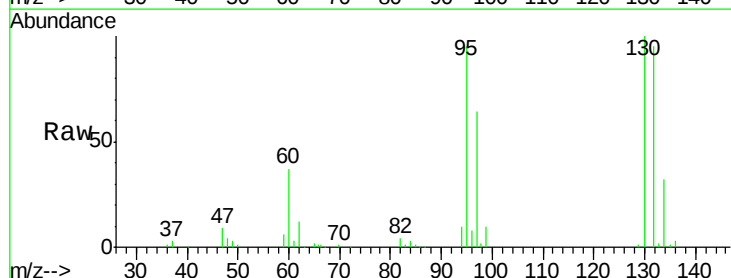
RT: 9.10 min Scan# 1180

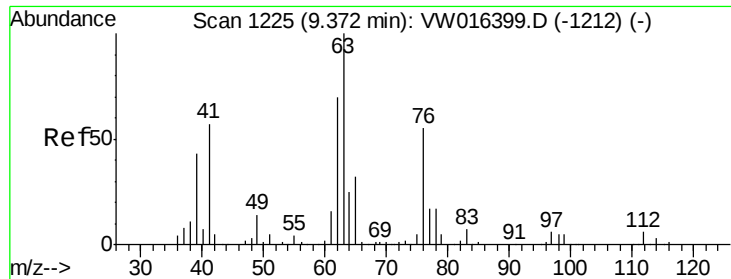
Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Tgt Ion:	130	Resp:	42523
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	183.4





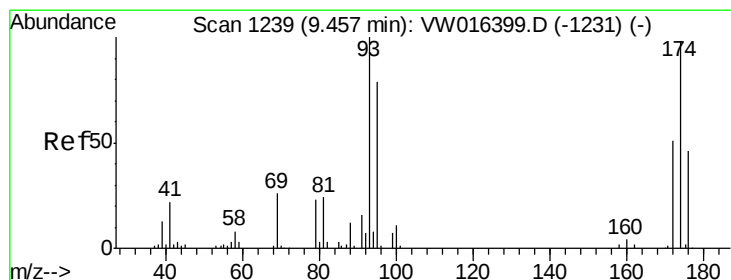
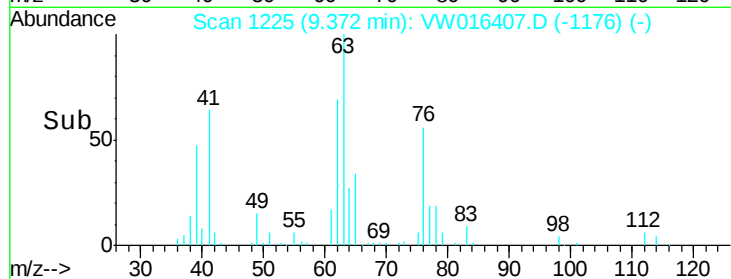
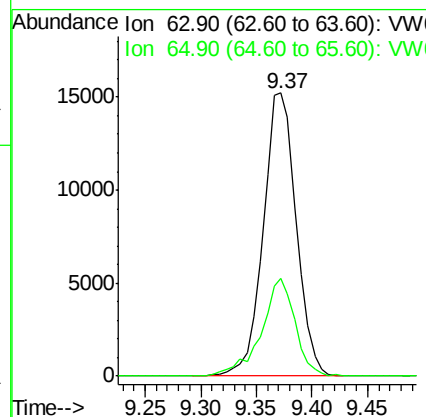
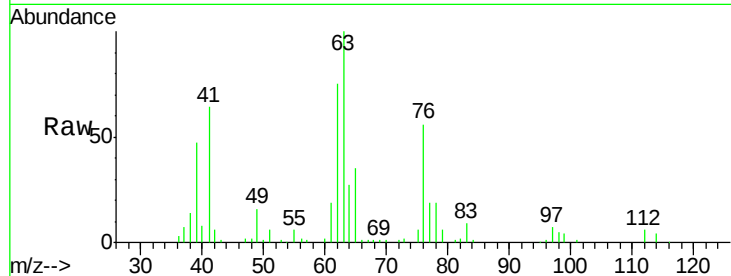
#45
 1,2-Dichloropropane
 Concen: 19.587 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.8	25.4	38.0

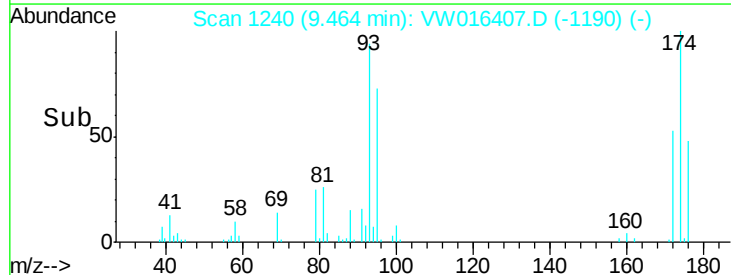
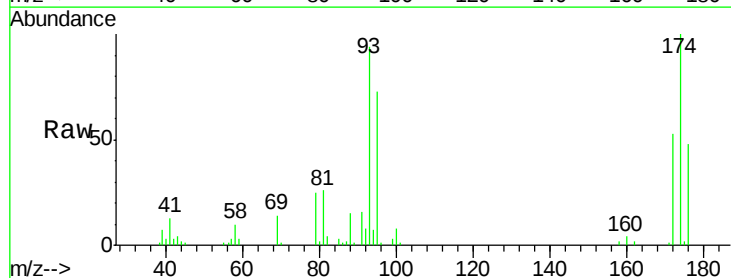
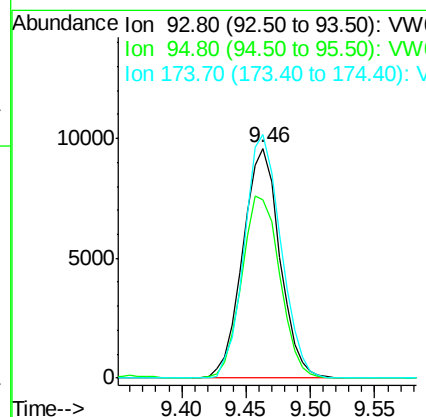
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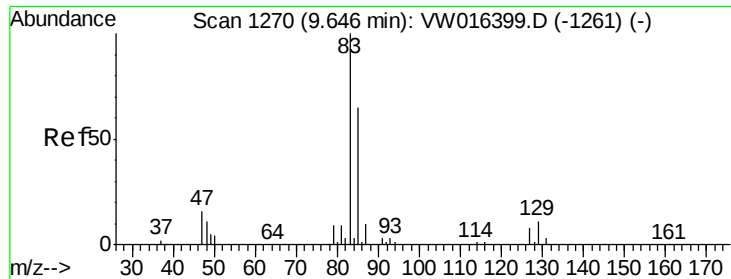
MMDadoda
 9/1/2020 12:40:20 PM



#46
 Dibromomethane
 Concen: 19.997 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.3	97.9
174	104.1	80.1	120.1





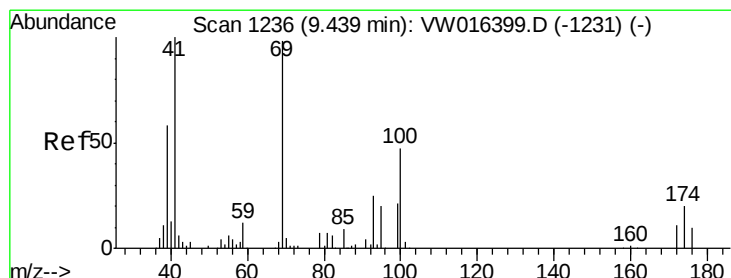
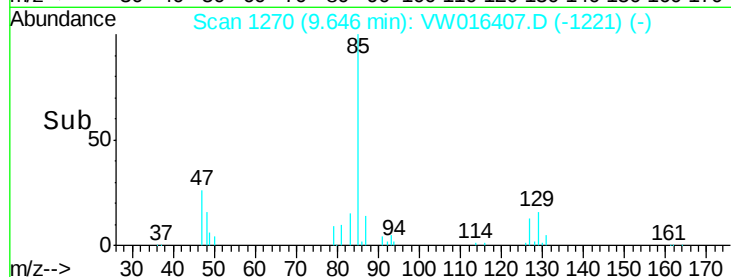
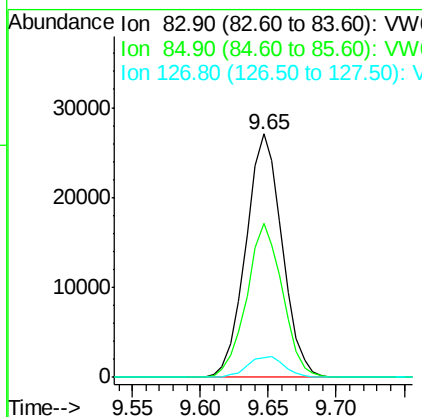
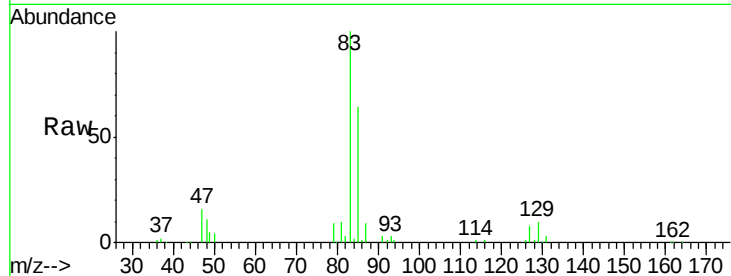
#47
Bromodichloromethane
Concen: 20.486 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	83	Resp	50466
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	52.2	78.2
127	8.1	6.8	10.2

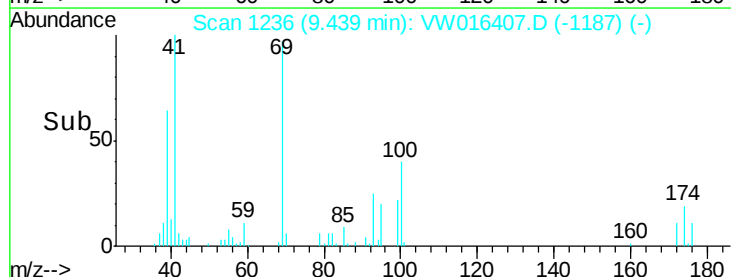
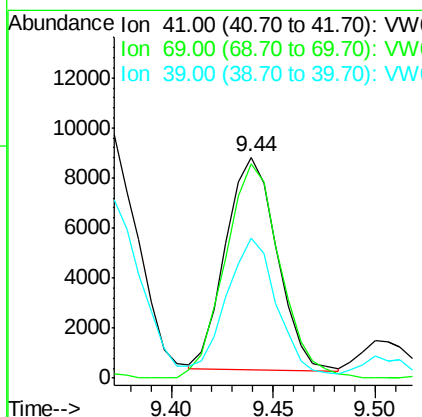
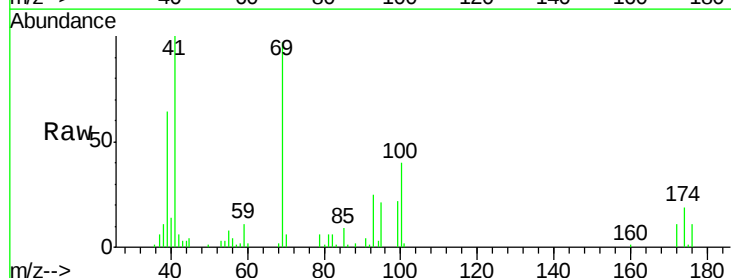
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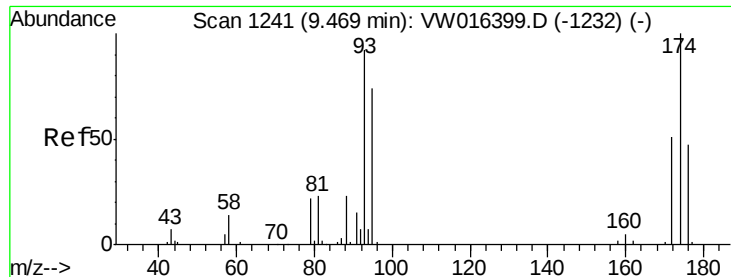
MMDadoda
9/1/2020 12:40:20 PM



#48
Methyl methacrylate
Concen: 17.788 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	41	Resp	14841
Ion Ratio	100	Lower	Upper
41	100		
69	108.0	83.5	125.3
39	66.4	48.7	73.1





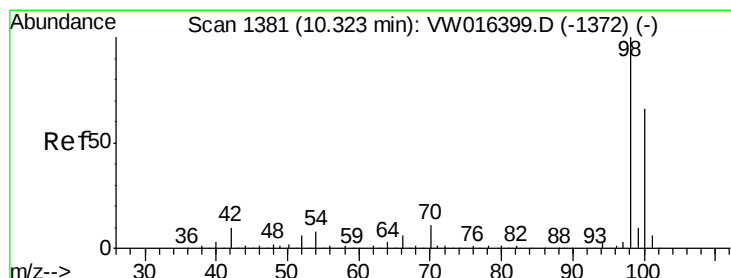
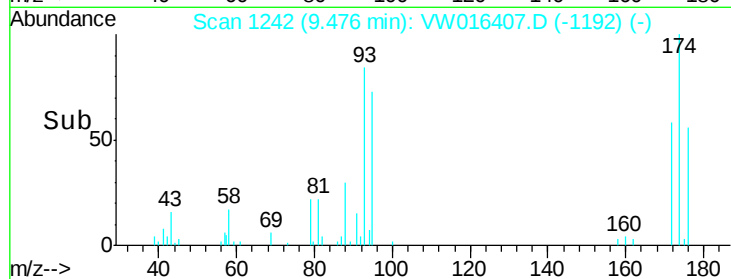
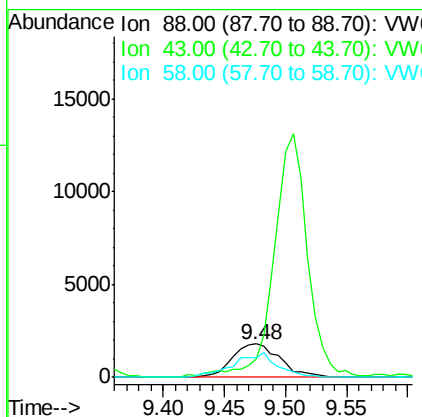
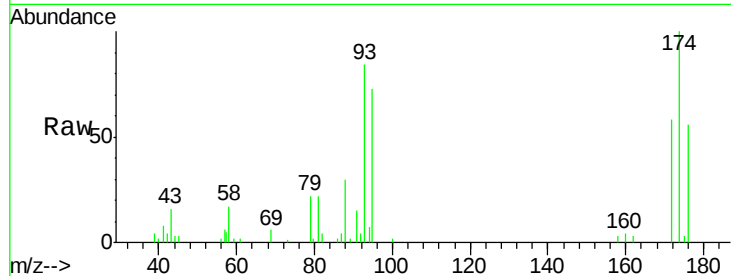
#49
 1,4-Dioxane
 Concen: 373.461 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	88	Resp	4859
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	68.0	53.5	80.3

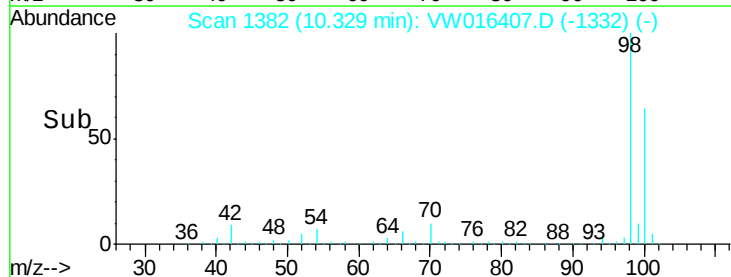
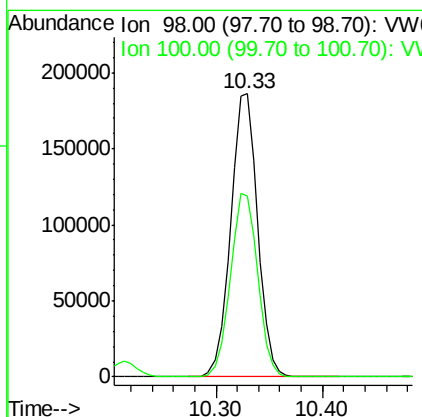
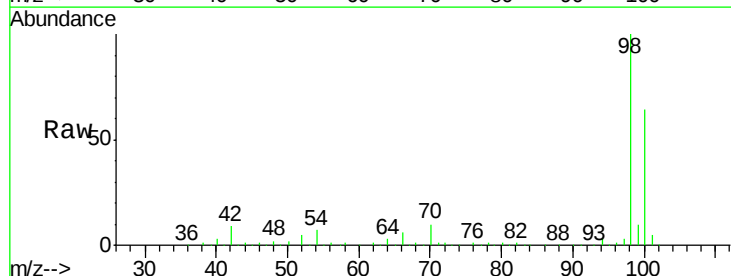
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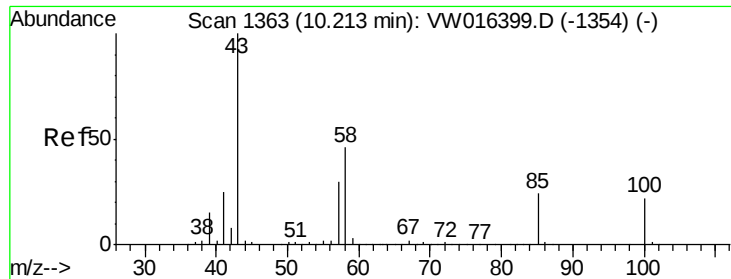
MMDadoda
 9/1/2020 12:40:20 PM



#50
 Toluene-d8
 Concen: 51.250 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion	98	Resp	330399
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 93.999 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampled :

VW0831SBS01

Tot Ion: 43 Resp: 81335

Ion Ratio Lower Upper

43 100

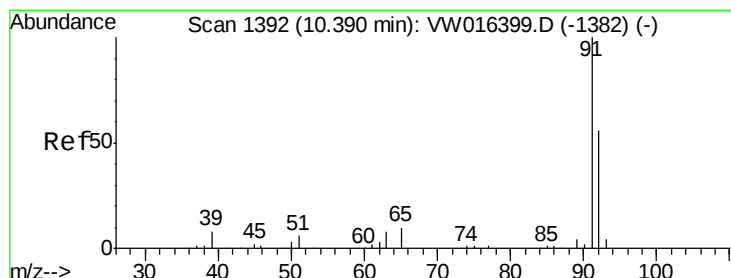
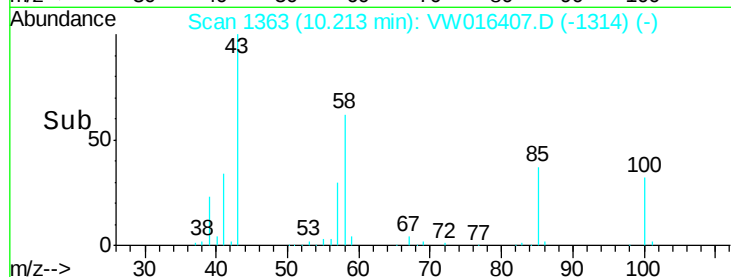
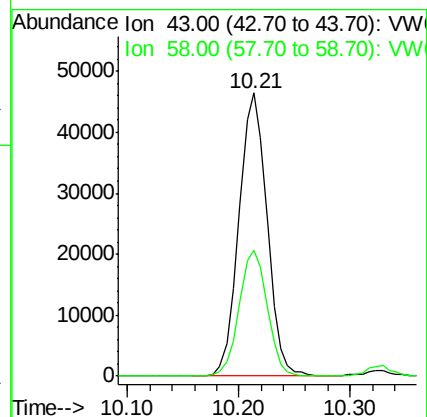
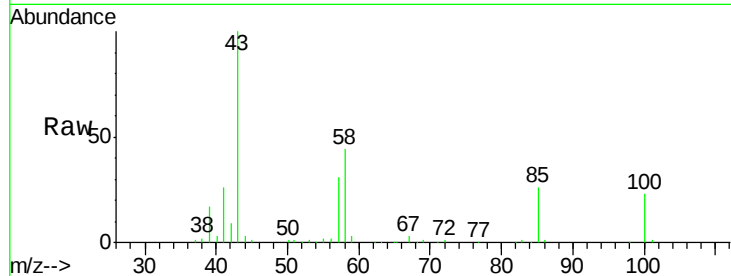
58 44.3 35.4 53.0

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#52

Toluene

Concen: 21.004 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016407.D

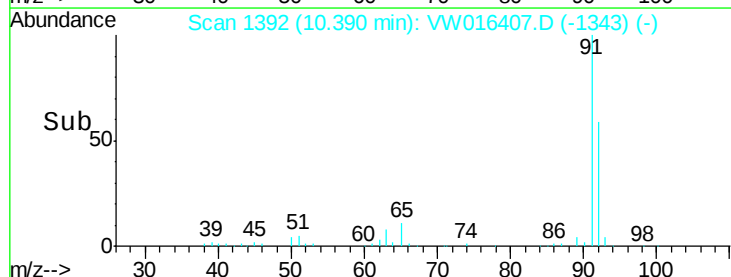
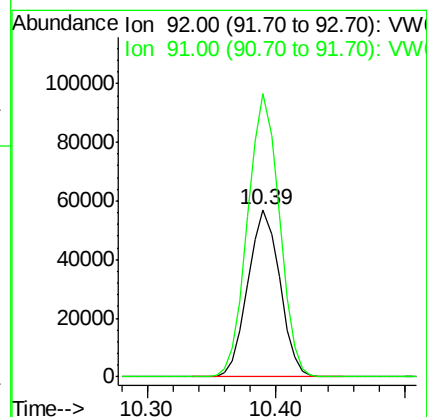
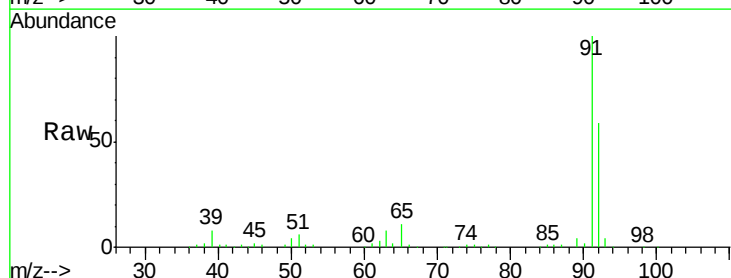
Acq: 31 Aug 2020 13:27

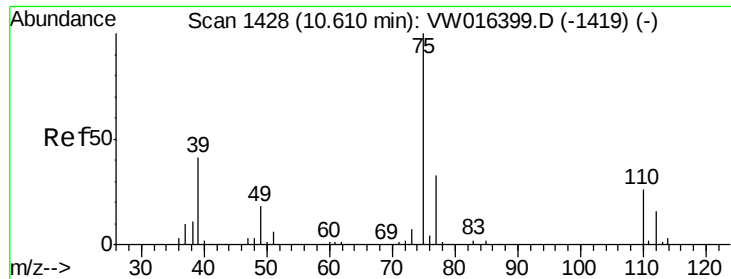
Tgt Ion: 92 Resp: 97592

Ion Ratio Lower Upper

92 100

91 168.4 137.1 205.7





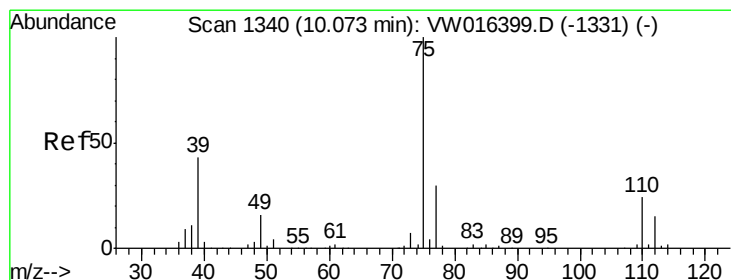
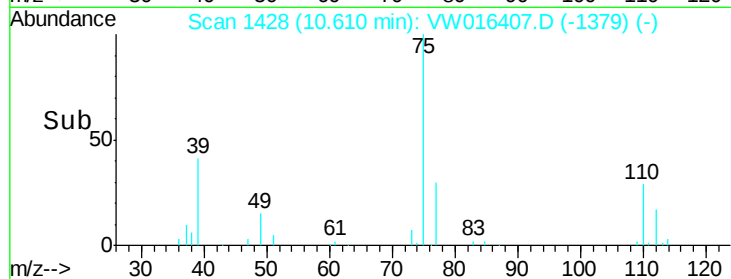
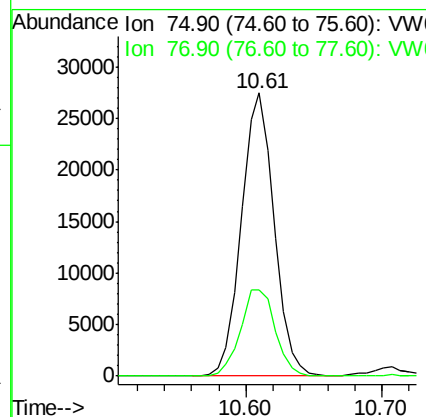
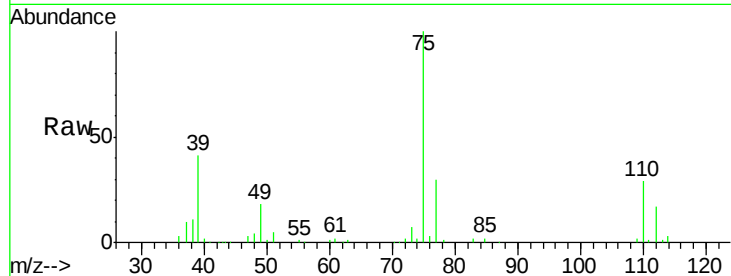
#53
 t-1,3-Dichloropropene
 Concen: 19.264 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.1	39.1

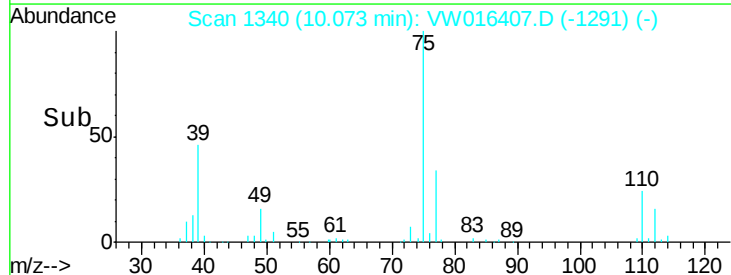
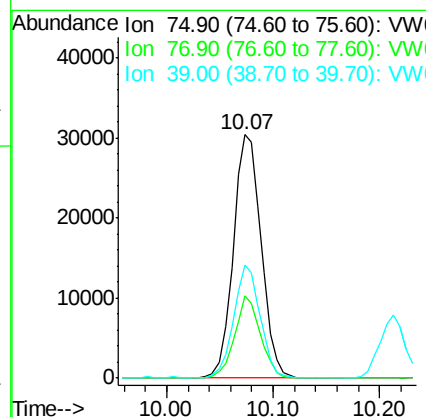
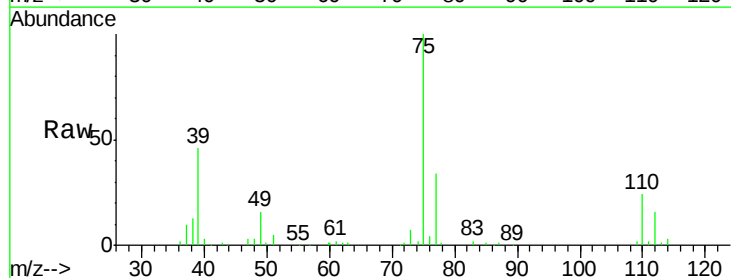
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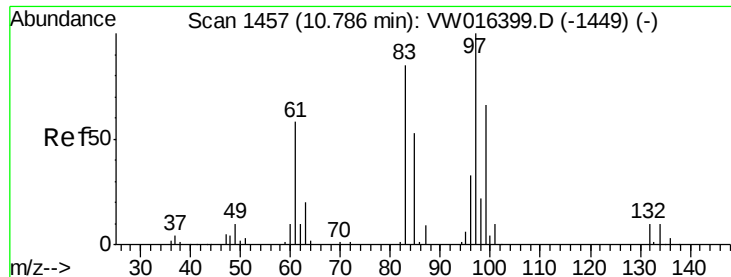
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#54
 cis-1,3-Dichloropropene
 Concen: 19.918 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.8	24.4	36.6
39	46.2	34.6	51.8





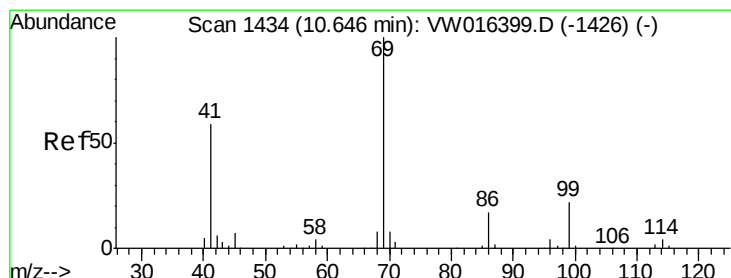
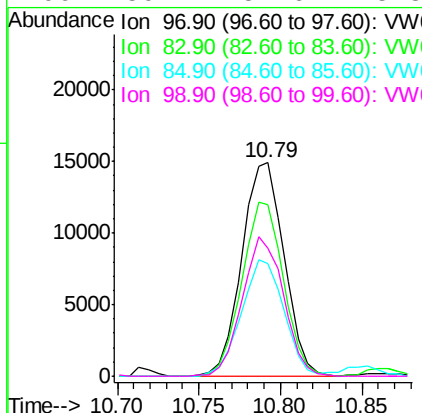
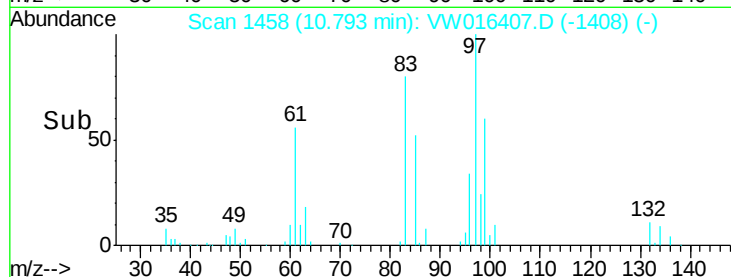
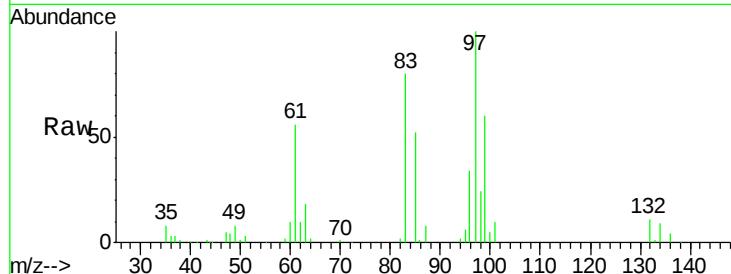
#55
 1,1,2-Trichloroethane
 Concen: 19.804 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion:	97	Resp:	26970
Ion	Ratio	Lower	Upper
97	100		
83	80.3	68.0	102.0
85	52.5	42.2	63.2
99	59.7	52.6	78.8

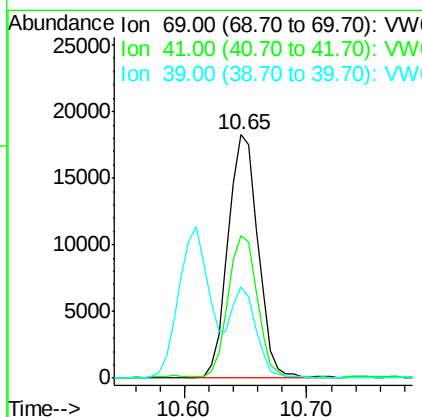
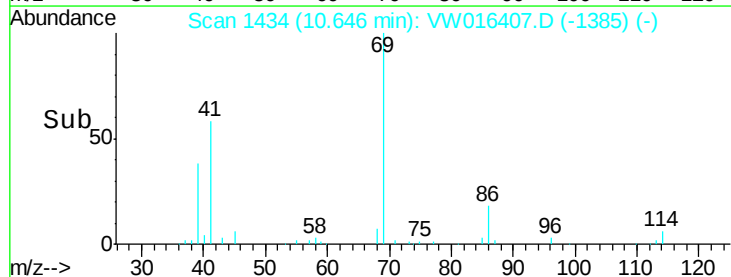
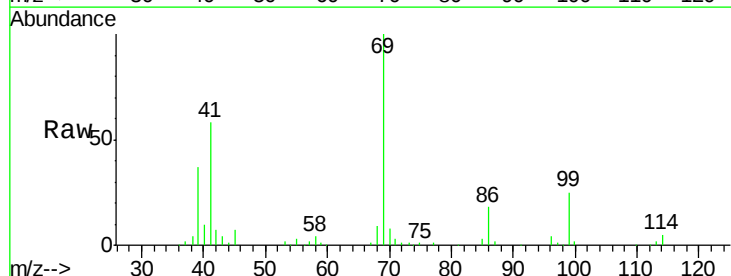
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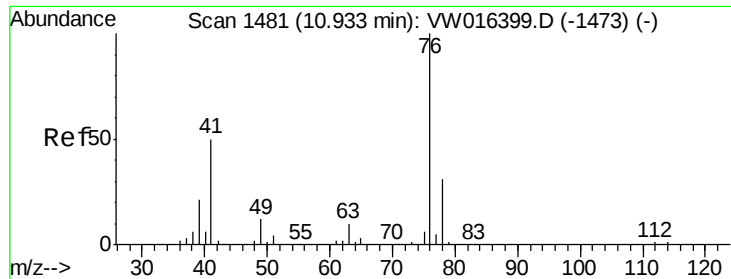
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#56
 Ethyl methacrylate
 Concen: 19.431 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion:	69	Resp:	30923
Ion	Ratio	Lower	Upper
69	100		
41	58.0	46.5	69.7
39	29.6	26.2	39.2





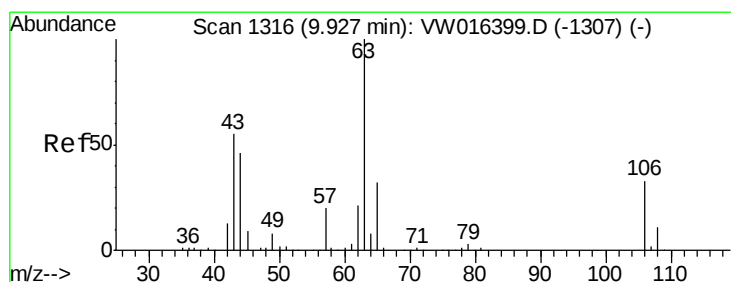
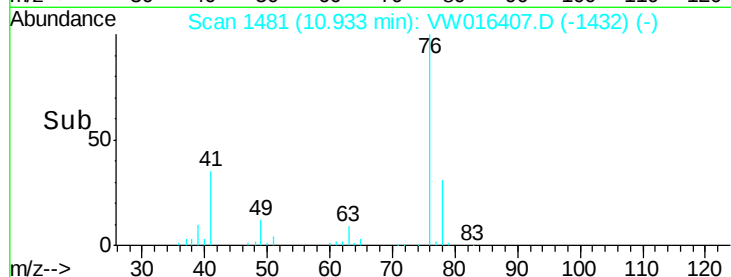
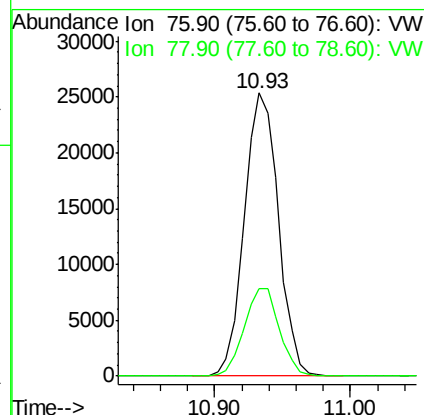
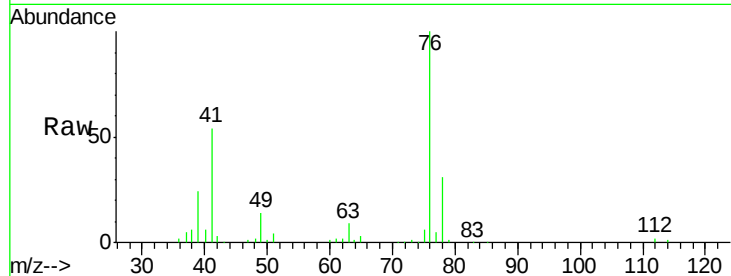
#57
 1,3-Dichloropropane
 Concen: 19.620 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion: 76 Resp: 44396
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1

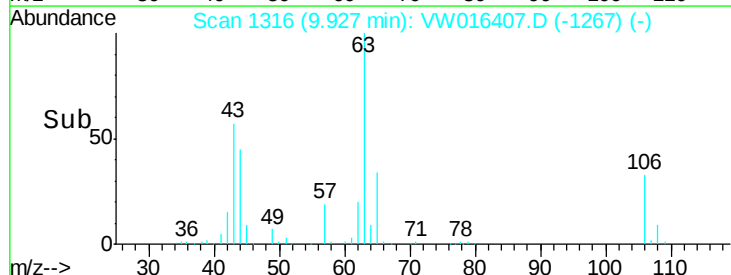
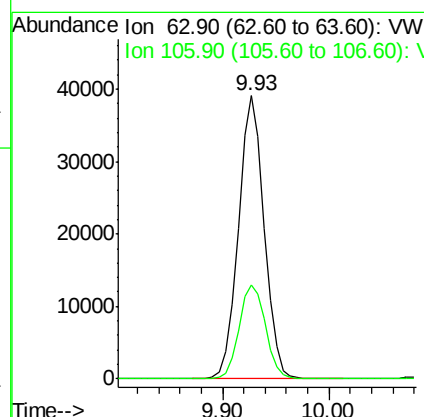
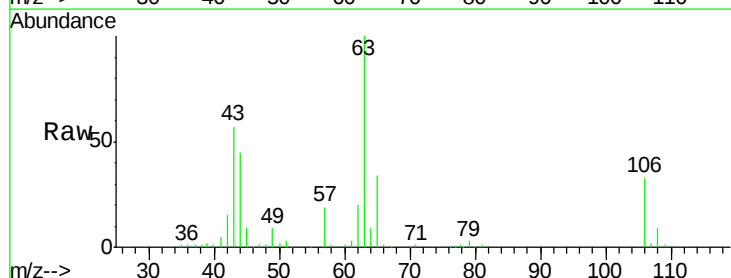
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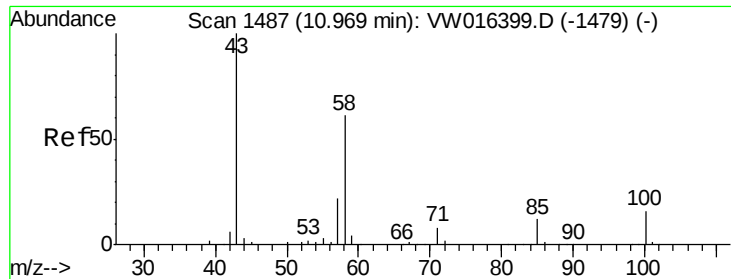
MMDadoda
 9/1/2020 12:40:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.364 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion: 63 Resp: 66001
 Ion Ratio Lower Upper
 63 100
 106 34.1 26.6 40.0





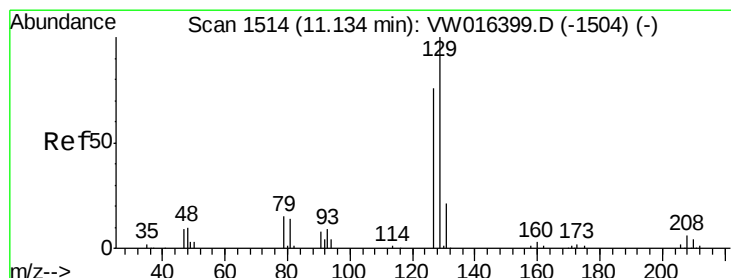
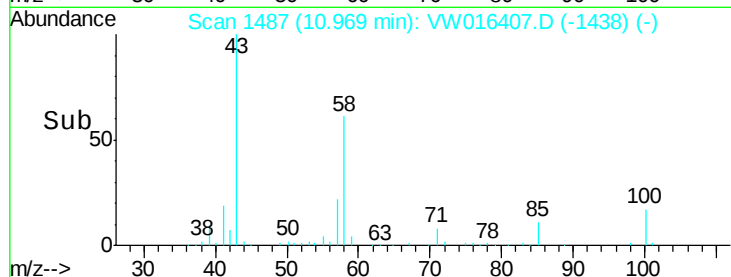
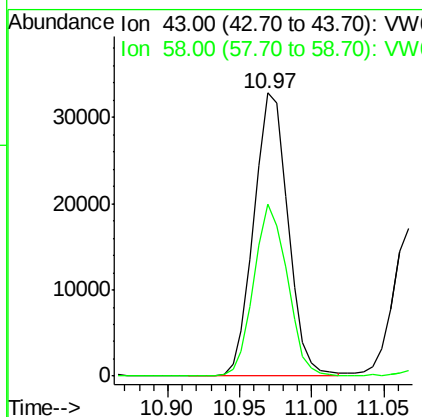
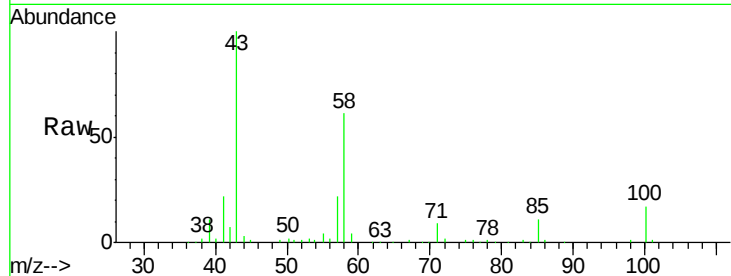
#59
2-Hexanone
Concen: 91.634 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBSD01

Tot Ion: 43 Resp: 54094
Ion Ratio Lower Upper
43 100
58 59.5 29.7 89.1

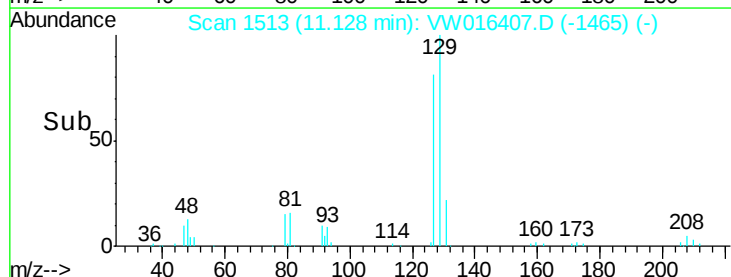
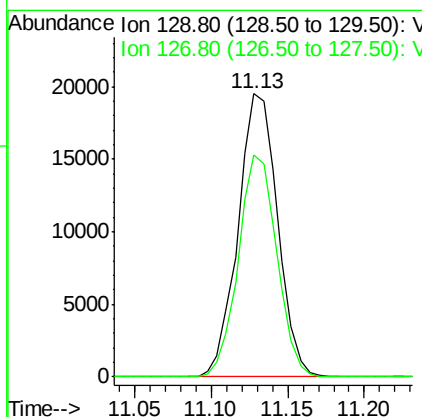
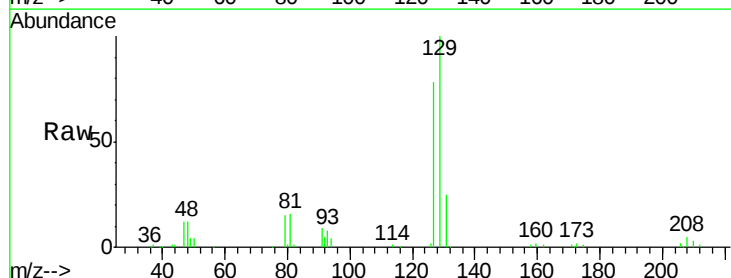
Manual Integrations
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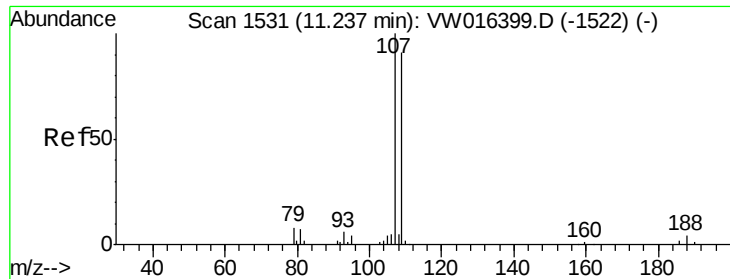
MMDadoda
9/1/2020 12:40:20 PM



#60
Dibromochloromethane
Concen: 20.325 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion: 129 Resp: 34999
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.7





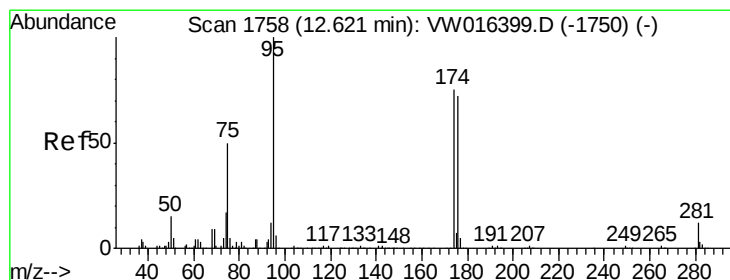
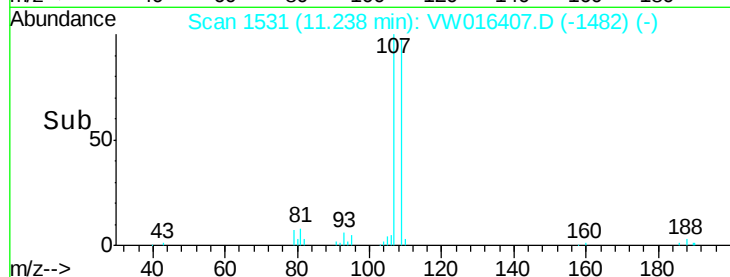
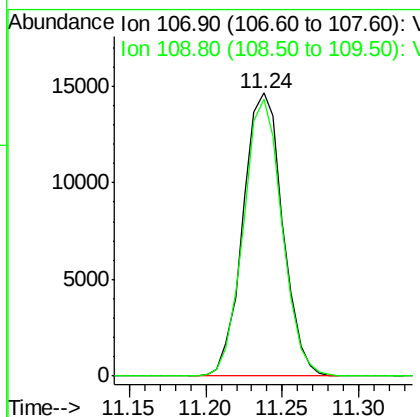
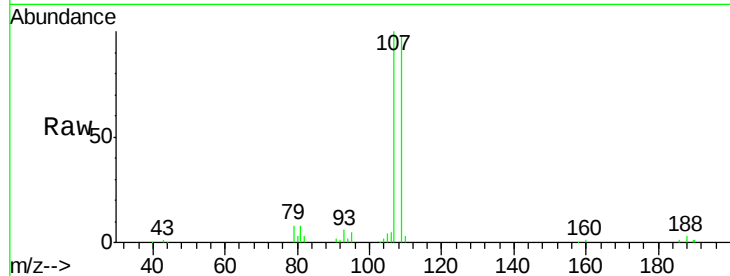
#61
 1,2-Dibromoethane
 Concen: 19.716 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	74.5	111.7

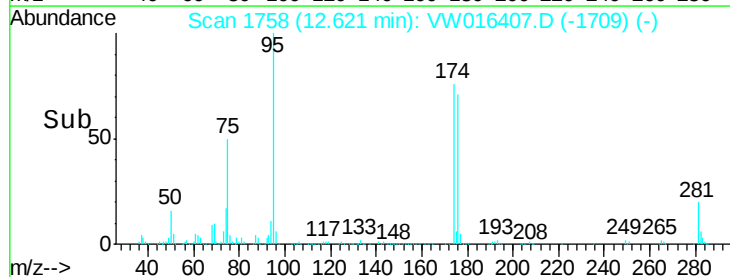
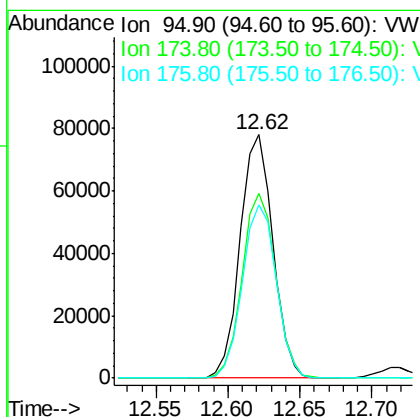
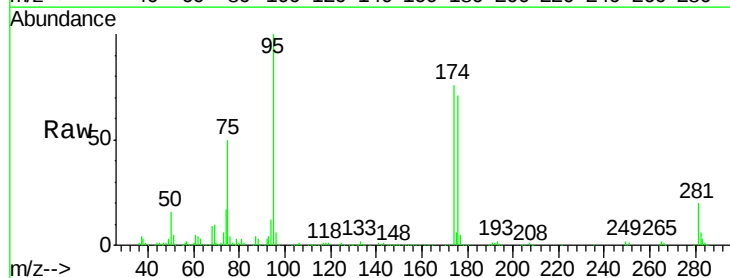
Manual Integrations
 APPROVED

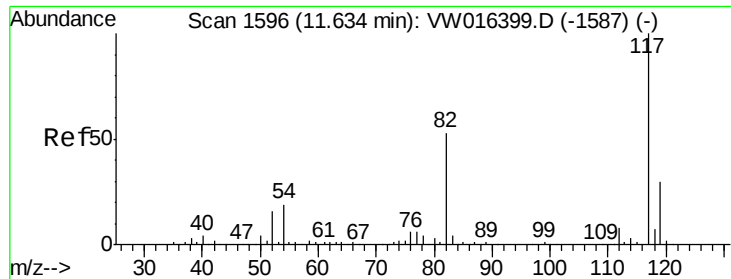
MMDadoda
 9/1/2020 12:40:20 PM



#62
 4-Bromofluorobenzene
 Concen: 51.022 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	152.0
176	73.1	0.0	145.6





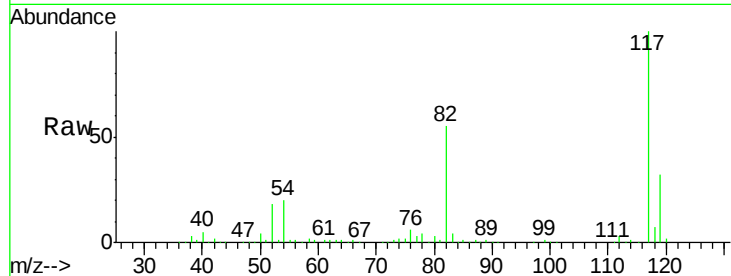
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.2	63.4
119	32.3	24.2	36.4

Manual Integrations
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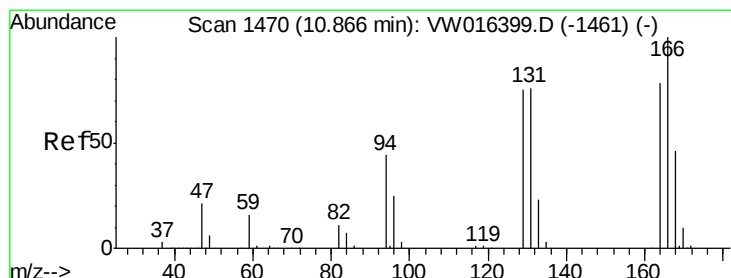
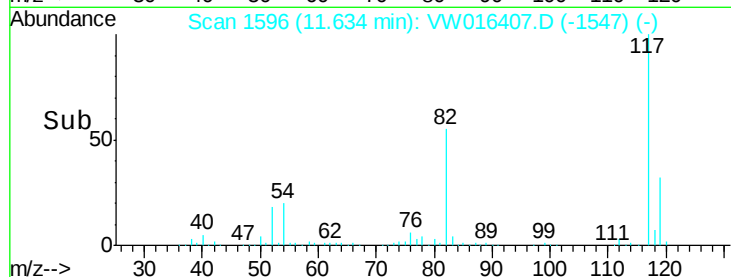
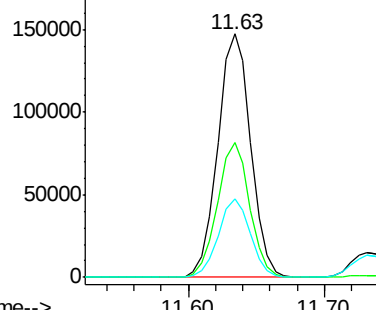


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.668 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	103.1	154.7
129	95.7	77.3	115.9
131	95.4	78.2	117.2

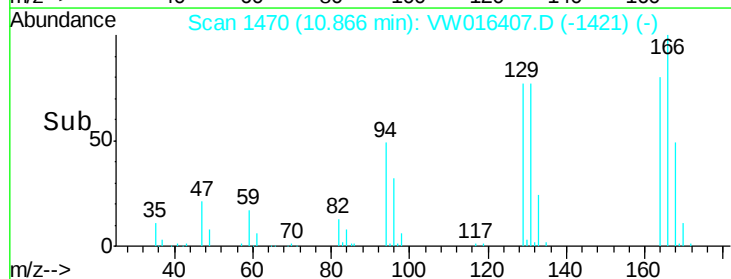
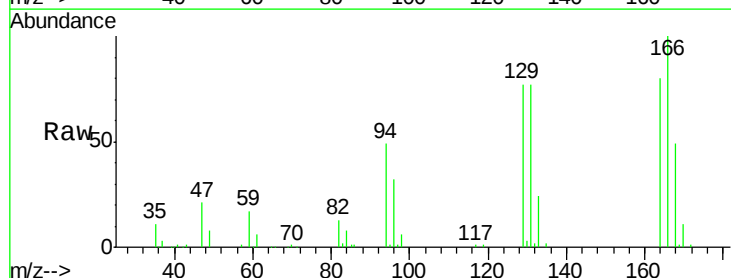
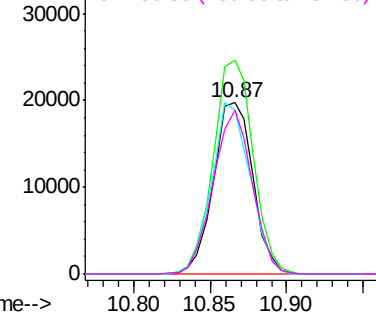
Abundance

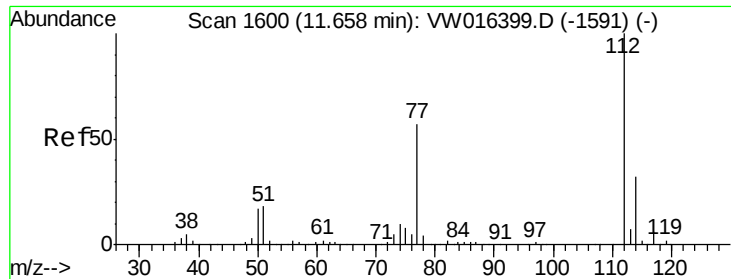
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





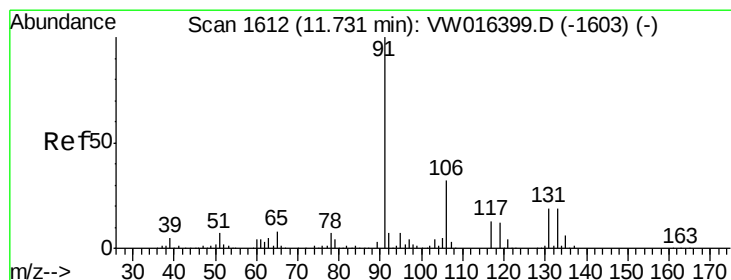
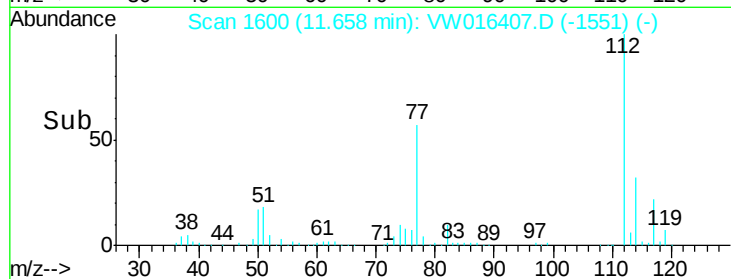
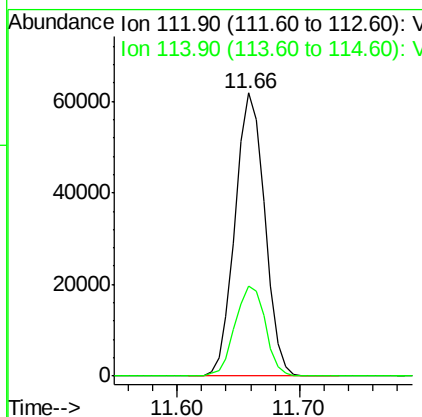
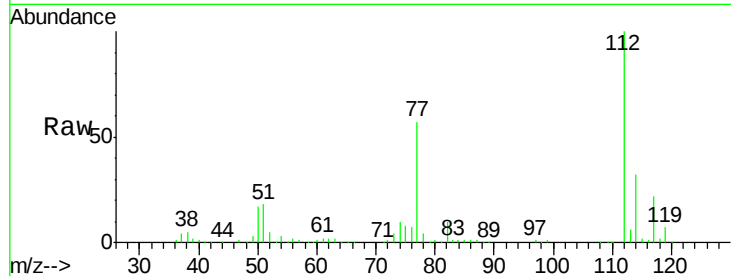
#65
Chlorobenzene
Concen: 20.196 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion:112 Resp: 103814
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

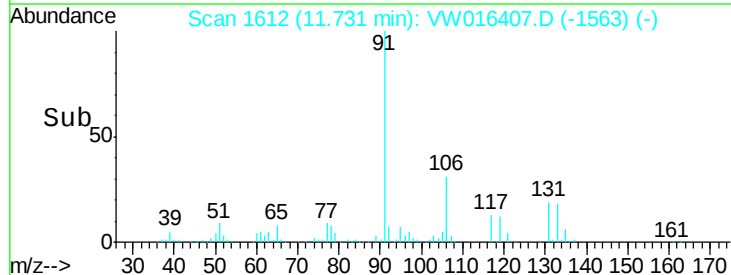
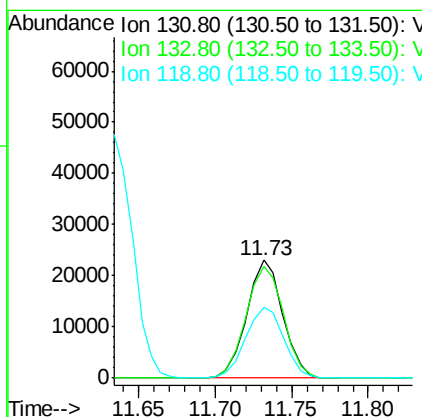
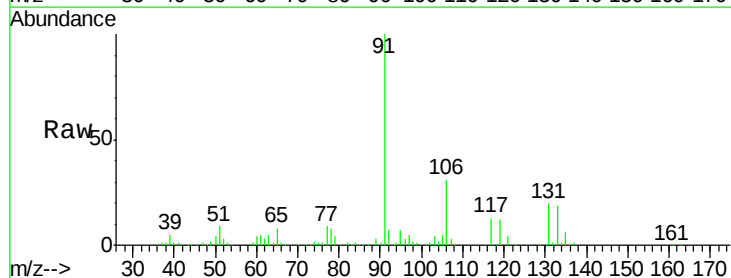
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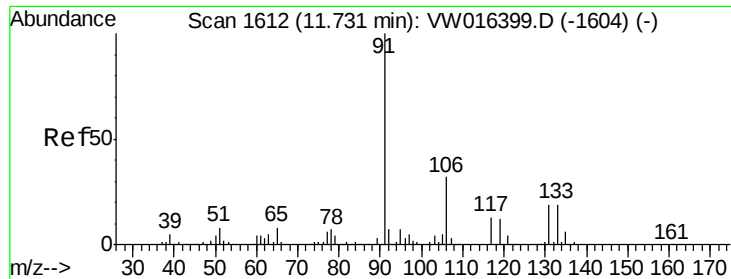
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.850 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion:131 Resp: 37781
Ion Ratio Lower Upper
131 100
133 98.4 46.9 140.6
119 63.2 31.6 95.0





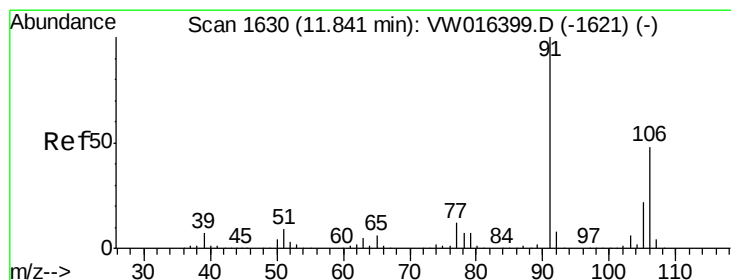
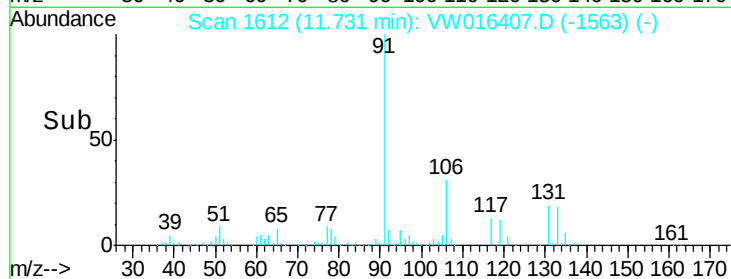
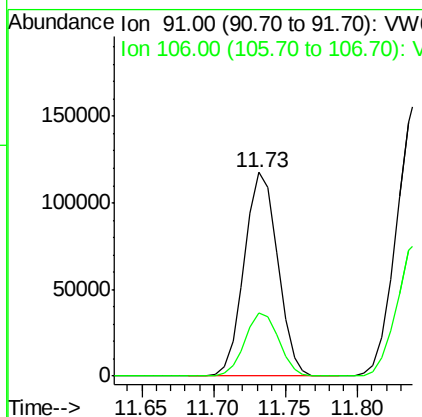
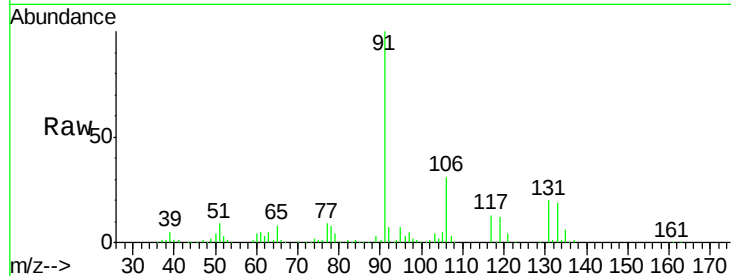
#67
Ethyl Benzene
Concen: 20.619 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampled :
VW0831SBS01

Tot Ion: 91 Resp: 189216
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9

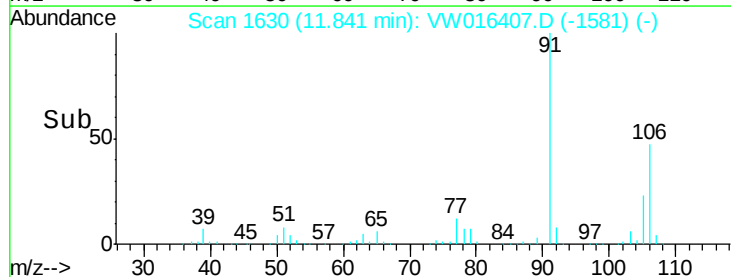
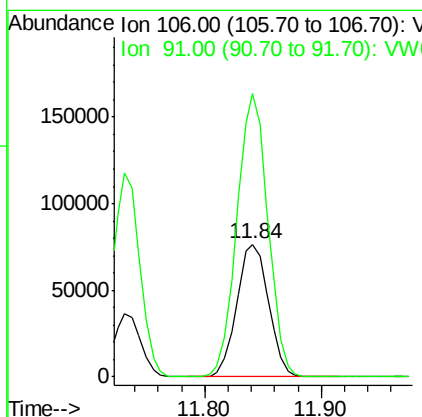
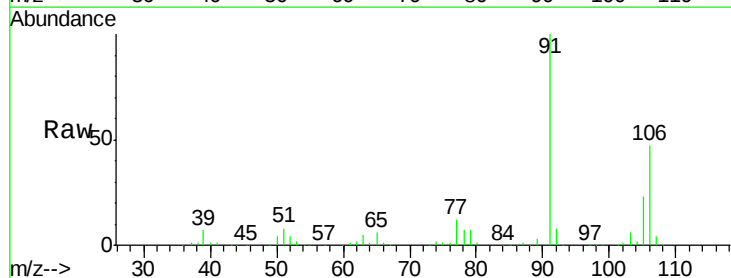
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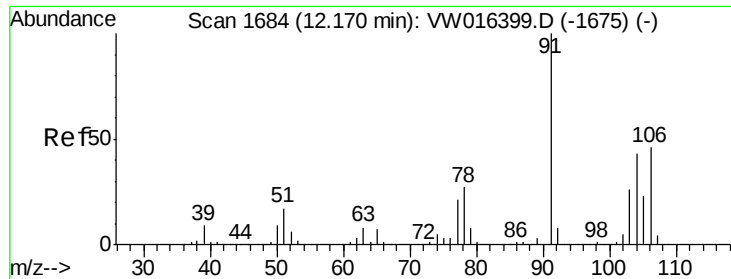
MMDadoda
9/1/2020 12:40:20 PM



#68
m/p-Xylenes
Concen: 41.690 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion: 106 Resp: 146068
Ion Ratio Lower Upper
106 100
91 207.4 167.7 251.5





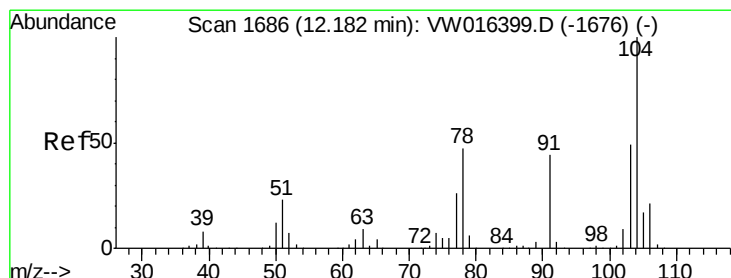
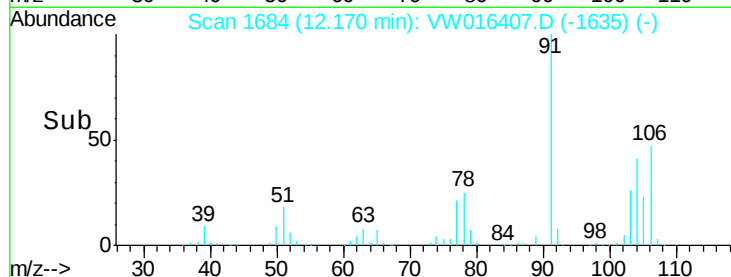
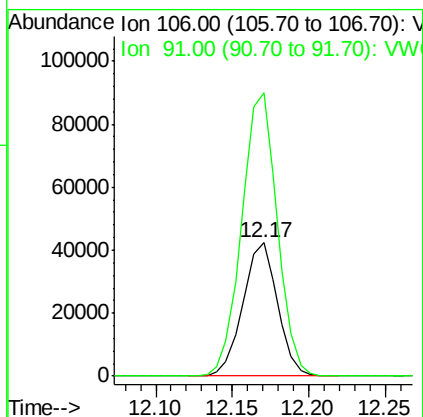
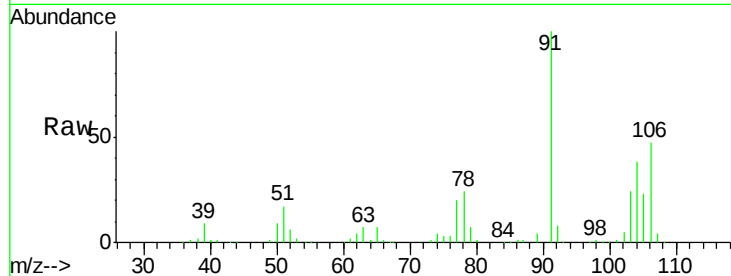
#69
o-Xylene
Concen: 20.693 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion:106 Resp: 66673
Ion Ratio Lower Upper
106 100
91 217.2 111.7 334.9

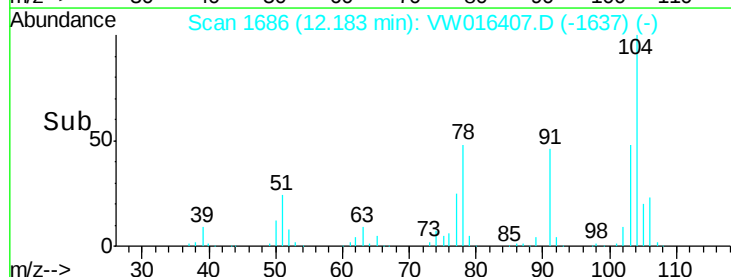
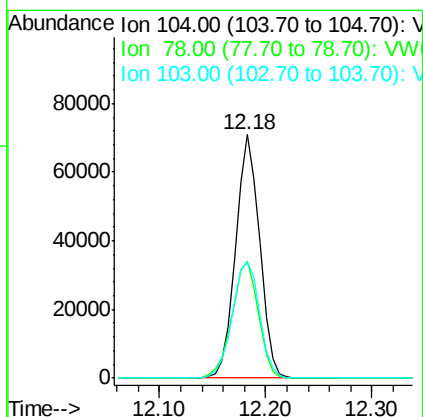
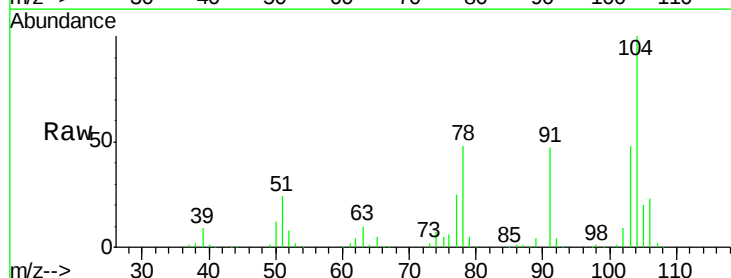
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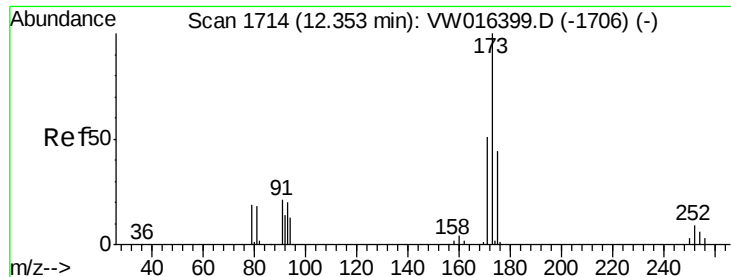
MMDadoda
9/1/2020 12:40:20 PM



#70
Styrene
Concen: 20.511 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion:104 Resp: 112627
Ion Ratio Lower Upper
104 100
78 52.8 41.7 62.5
103 54.2 42.9 64.3





#71

Bromoform

Concen: 20.276 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

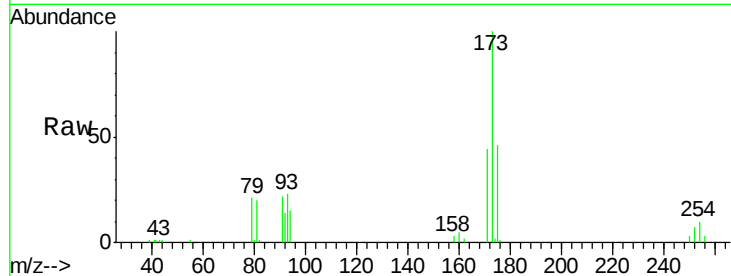
ClientSampleId :

VW0831SBSD01

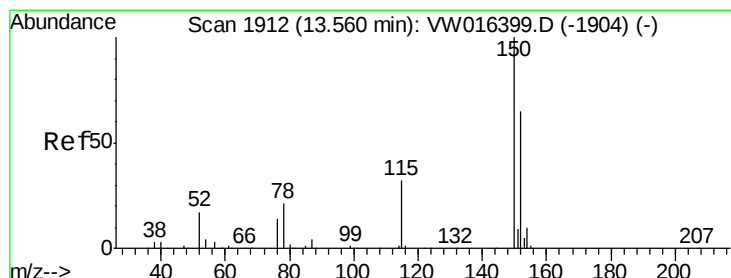
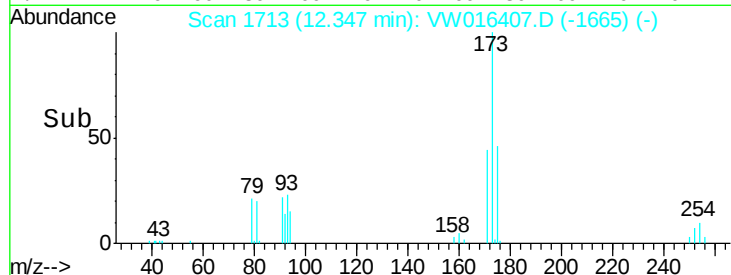
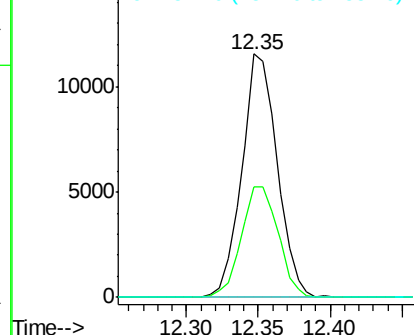
Tot Ion:	173	Resp:	19637
Ion Ratio	Lower	Upper	
173	100		
175	47.4	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations
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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

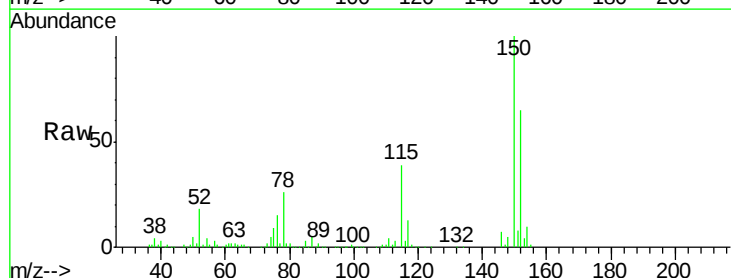
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

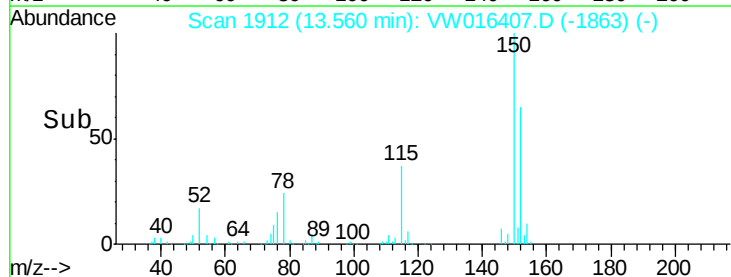
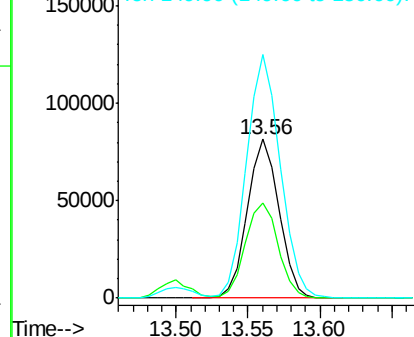
Lab File: VW016407.D

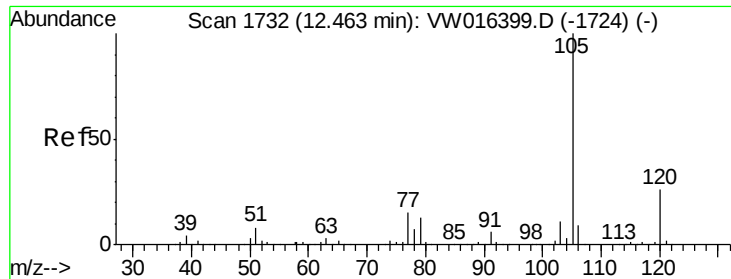
Acq: 31 Aug 2020 13:27

Tgt Ion:	152	Resp:	123988
Ion Ratio	Lower	Upper	
152	100		
115	62.7	30.9	92.5
150	163.4	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





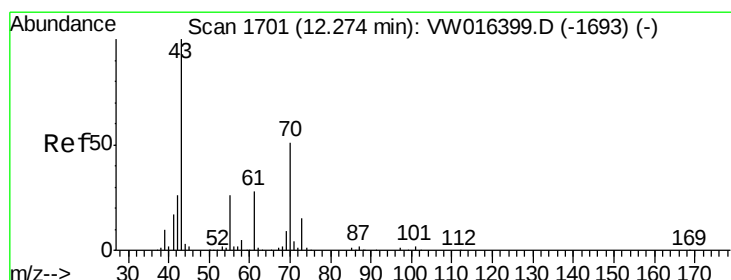
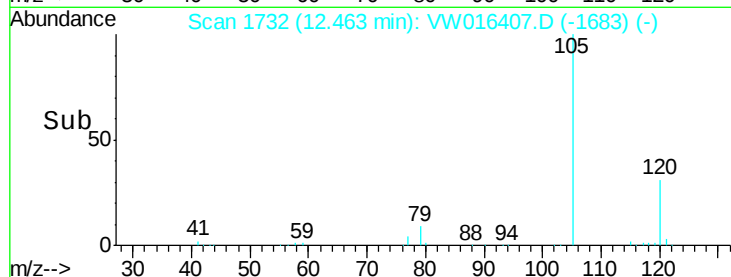
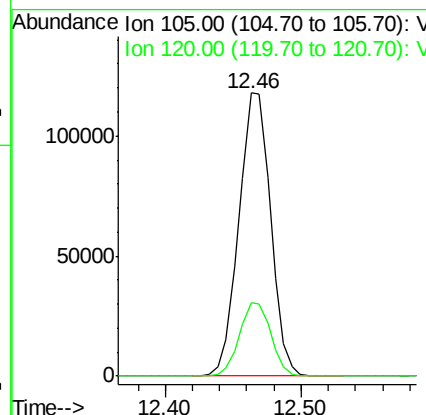
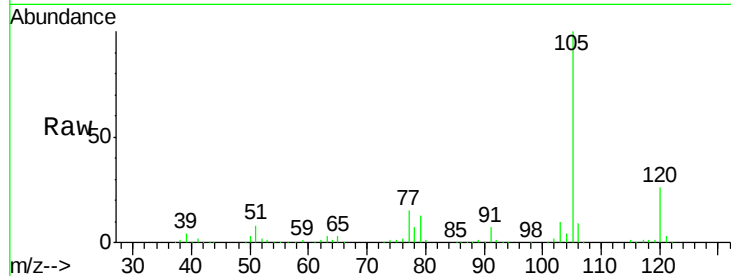
#73
Isopropylbenzene
Concen: 20.986 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	191861		
120	25.7	13.2	39.6	

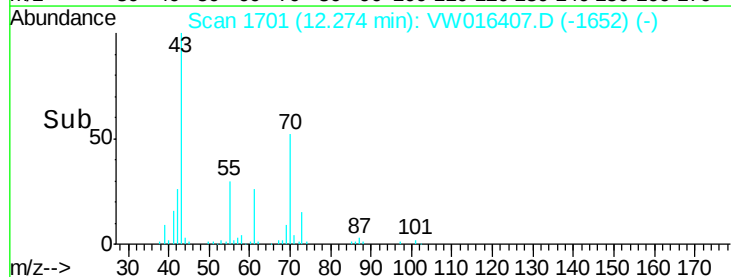
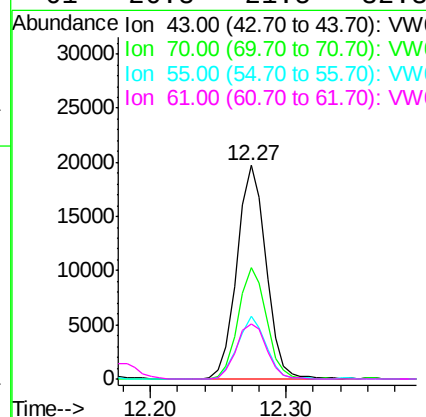
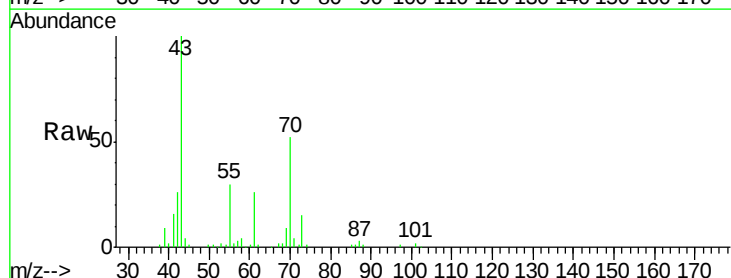
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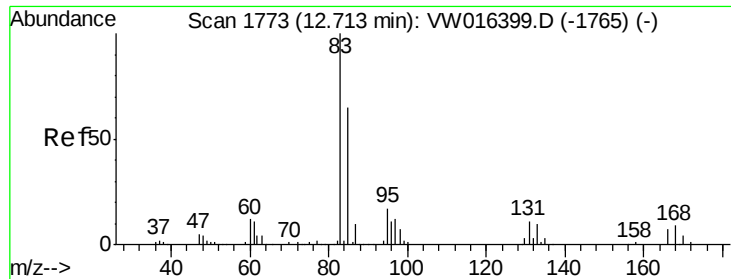
MMDadoda
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#74
N-ethyl acetate
Concen: 18.383 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	29411		
70	50.5	40.8	61.2	
55	28.7	21.6	32.4	
61	26.8	21.5	32.3	





#75

1,1,2,2-Tetrachloroethane

Concen: 19.035 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

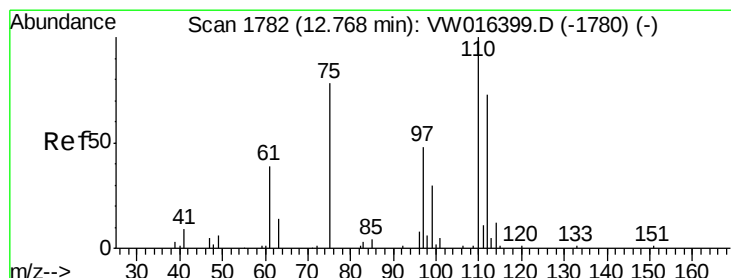
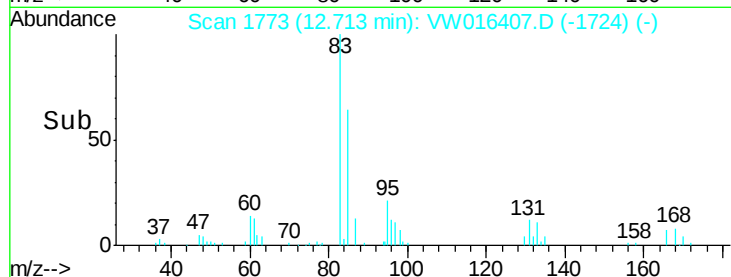
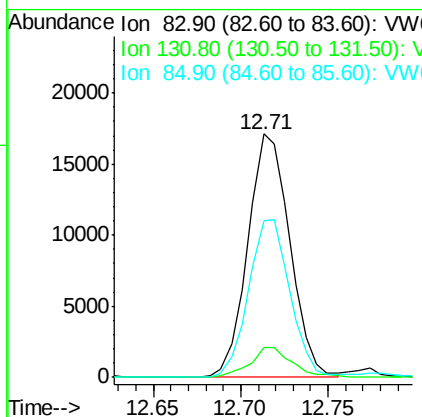
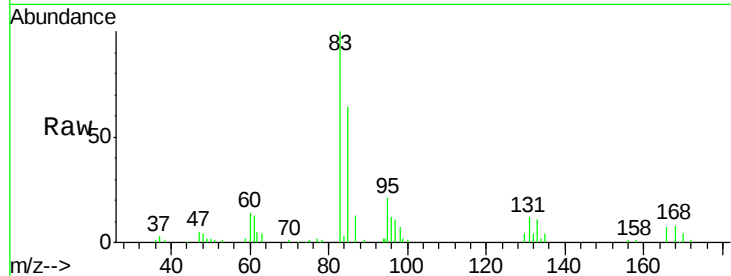
ClientSampleId :

VW0831SBS01

Tot Ion:	83	Resp:	28648
Ion Ratio	Lower	Upper	
83	100		
131	12.4	5.9	17.8
85	64.2	32.3	96.8

Manual Integrations
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MMDadoda
9/1/2020 12:40:20 PM



#76

1,2,3-Trichloropropane

Concen: 19.572 ug/l m

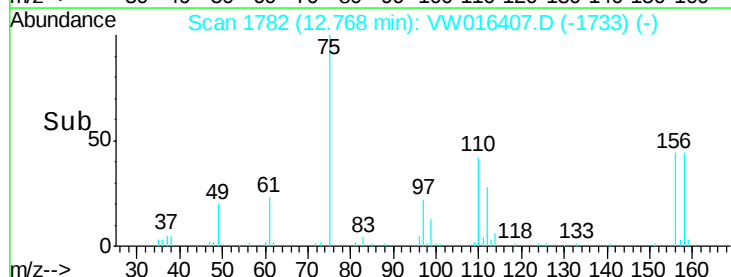
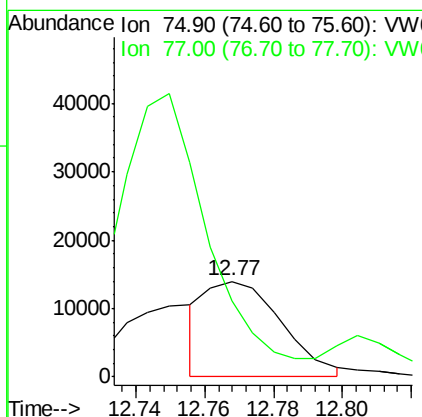
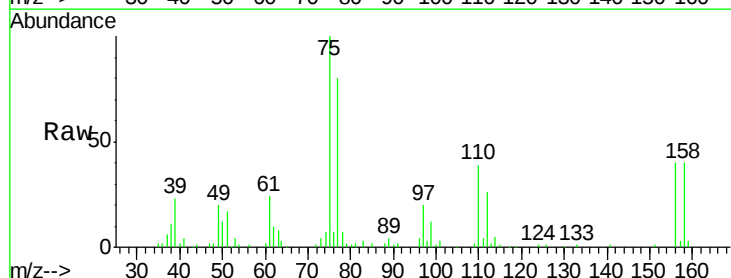
RT: 12.77 min Scan# 1782

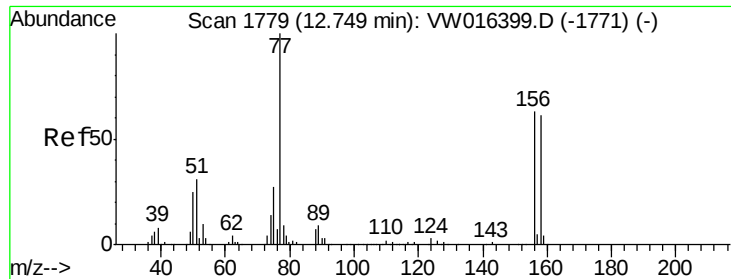
Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Tgt Ion:	75	Resp:	21458
Ion Ratio	Lower	Upper	
75	100		
77	357.9	173.4	520.2





#77

Bromobenzene

Concen: 20.179 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

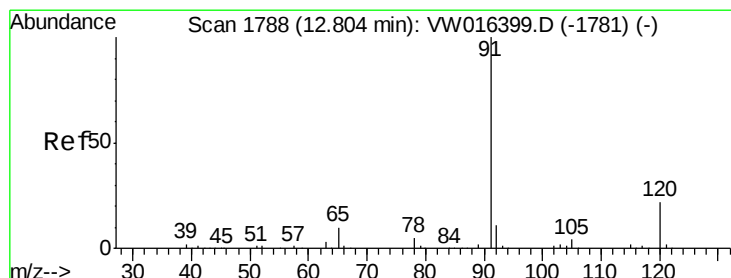
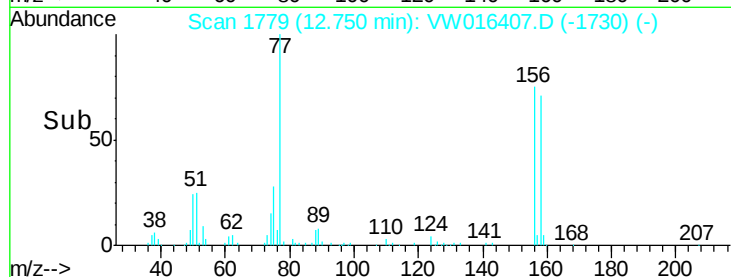
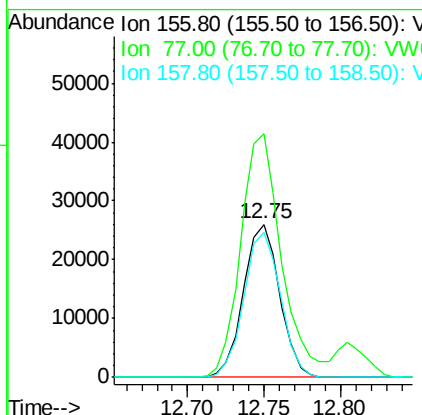
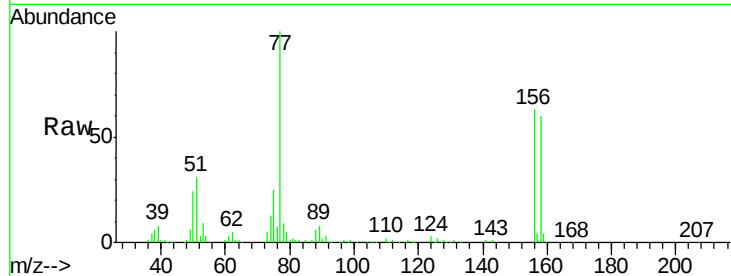
ClientSampleId :

VW0831SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	179.1	90.0	269.9
158	95.9	47.3	141.8

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#78

n-propylbenzene

Concen: 20.946 ug/l

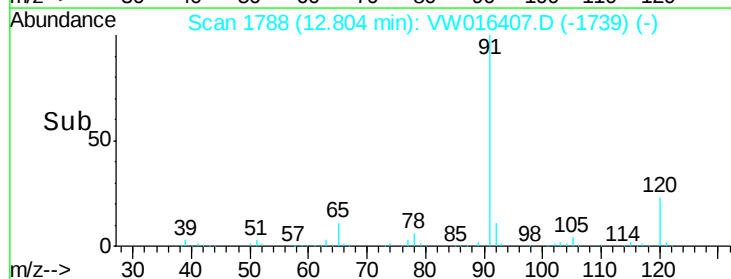
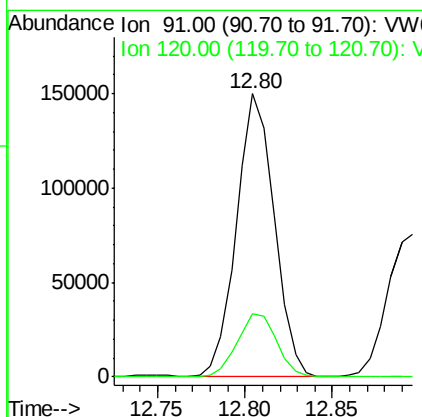
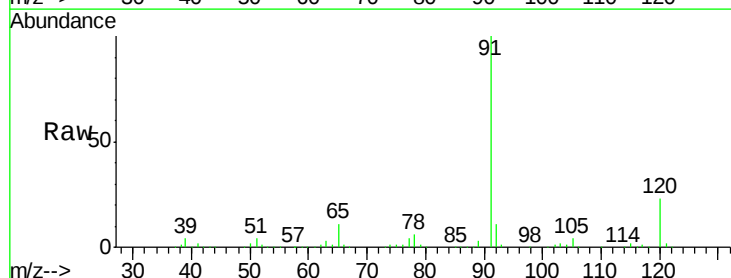
RT: 12.80 min Scan# 1788

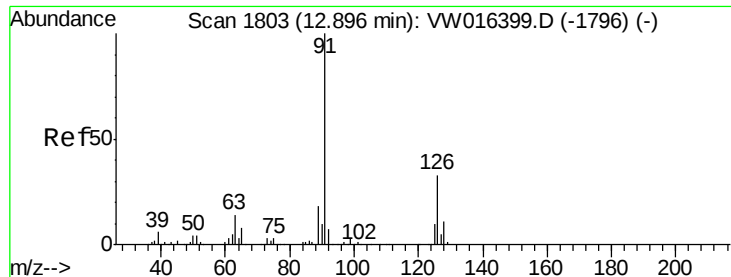
Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.3	33.9





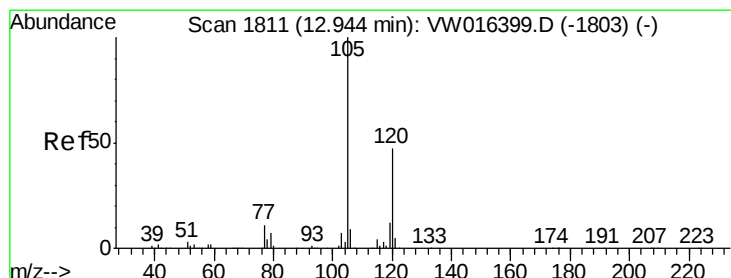
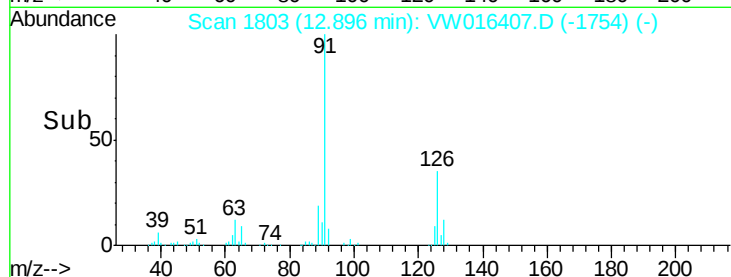
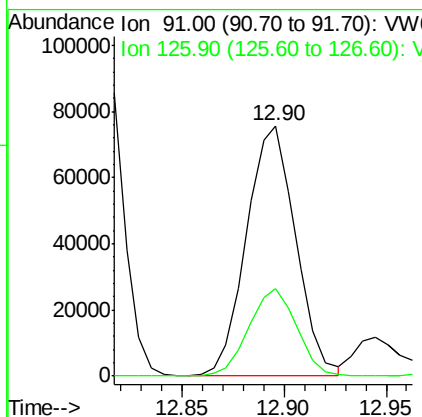
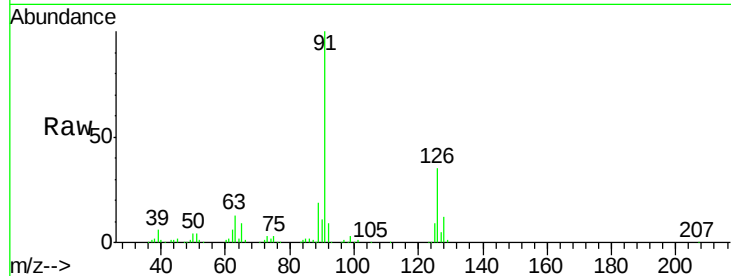
#79
2-Chlorotoluene
Concen: 20.087 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.4	49.1

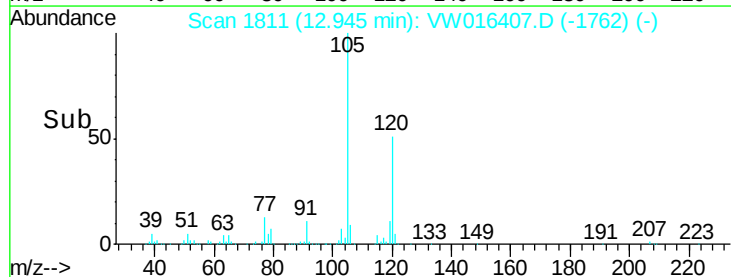
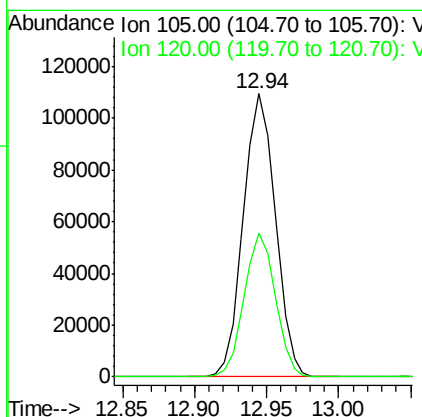
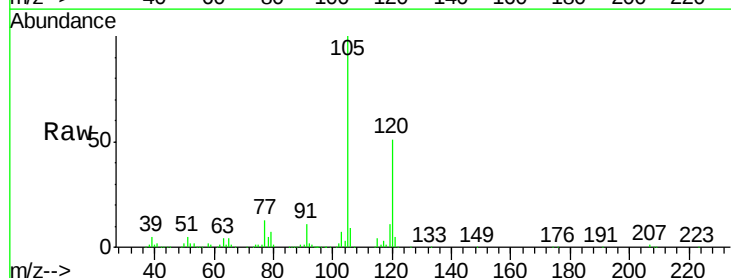
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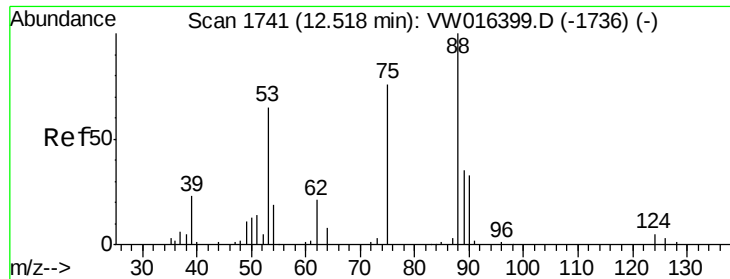
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 21.091 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.1	23.8	71.2





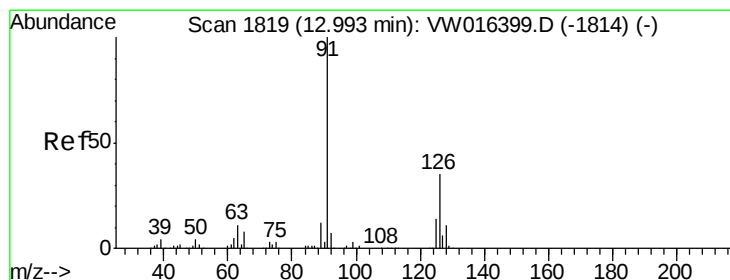
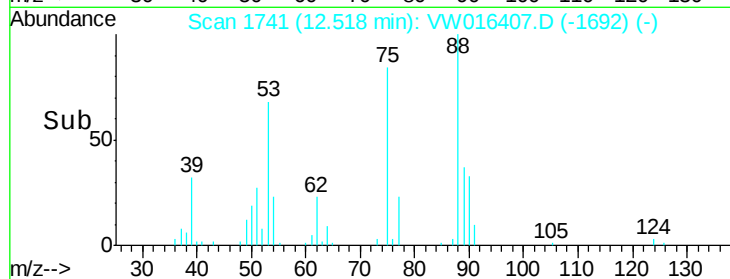
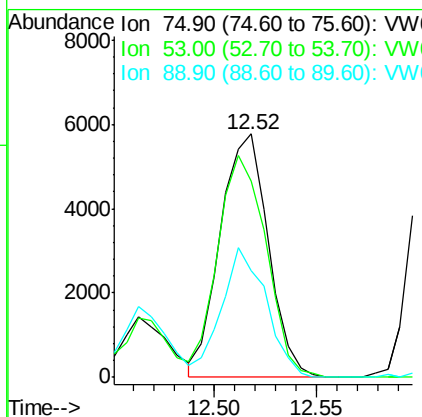
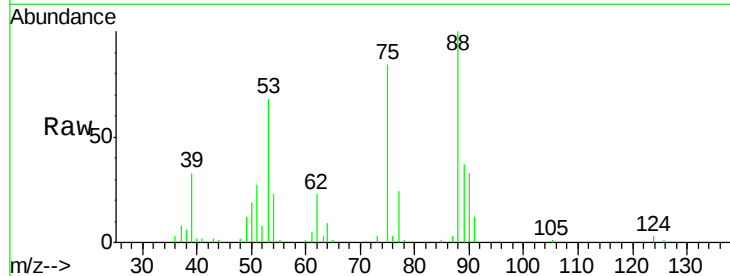
#81
trans-1,4-Dichloro-2-butene
Concen: 19.053 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.2	75.2	112.8
89	50.0	40.4	60.6

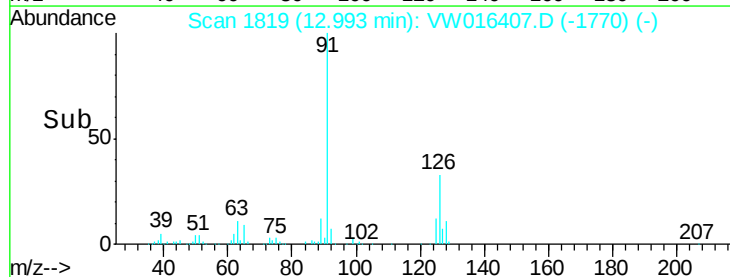
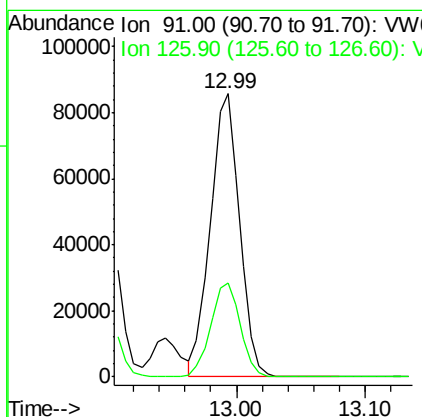
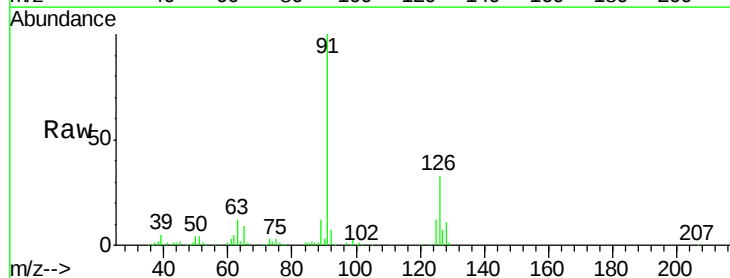
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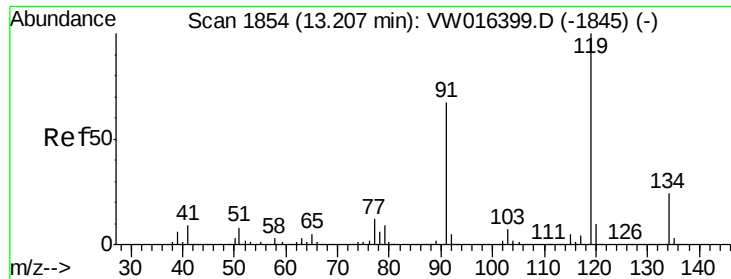
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.639 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.0	50.9





#83

tert-Butylbenzene

Concen: 20.899 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

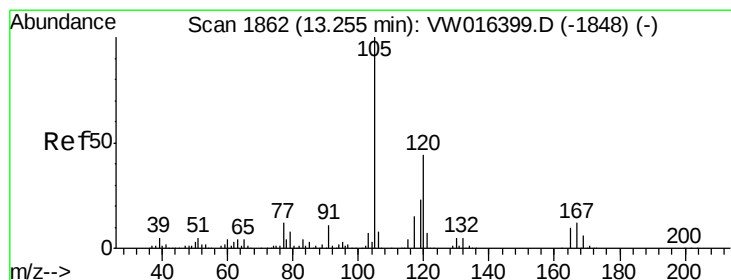
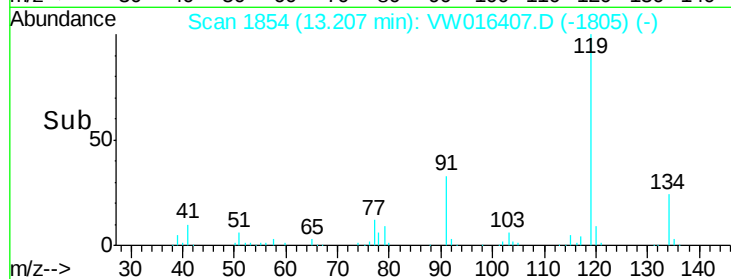
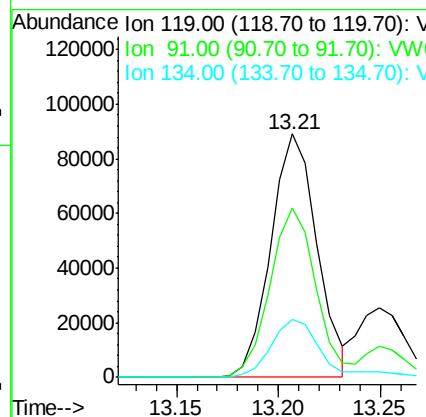
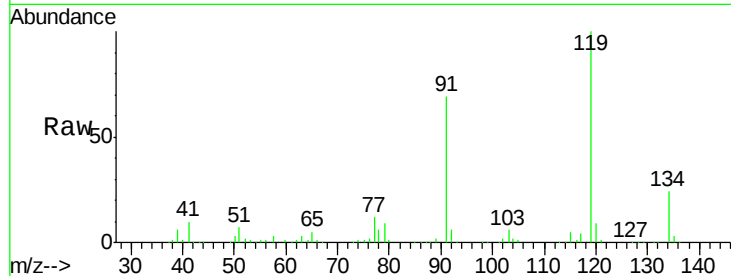
Instrument :
MSVOA_W

ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.6	34.1	102.3
134	26.1	12.3	36.8

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#84

1,2,4-Trimethylbenzene

Concen: 20.918 ug/l

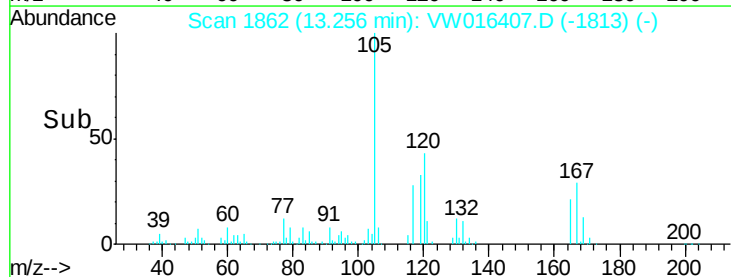
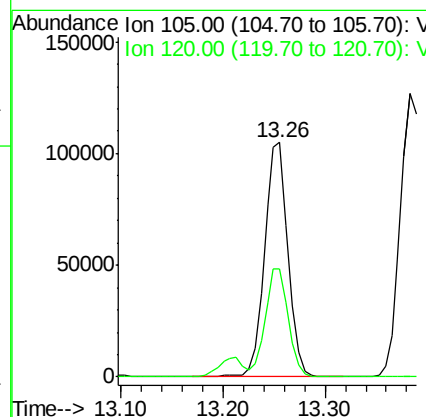
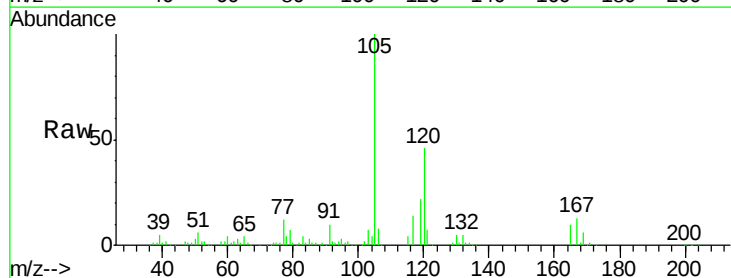
RT: 13.26 min Scan# 1862

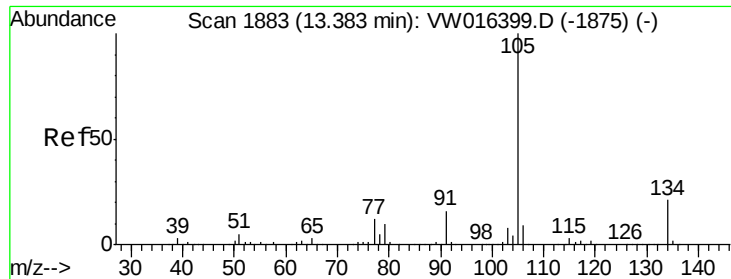
Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.1	66.1





#85

sec-Butylbenzene

Concen: 21.224 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBSD01

Tot Ion:105 Resp: 197975

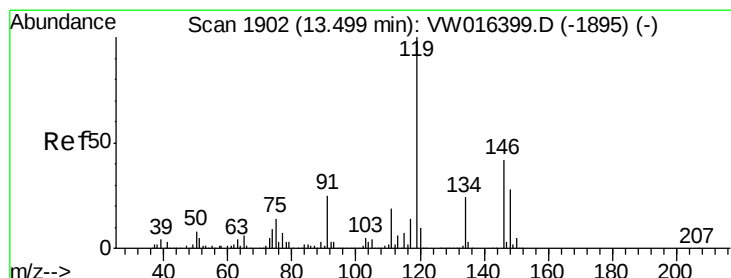
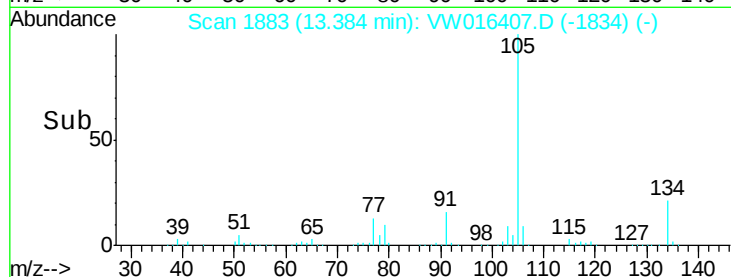
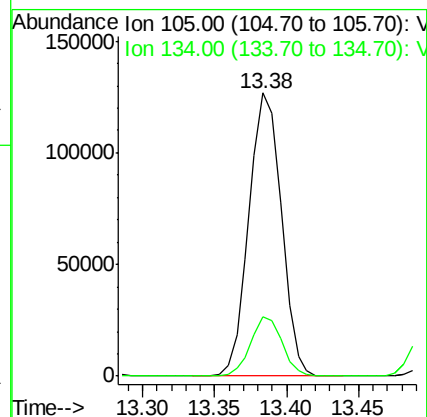
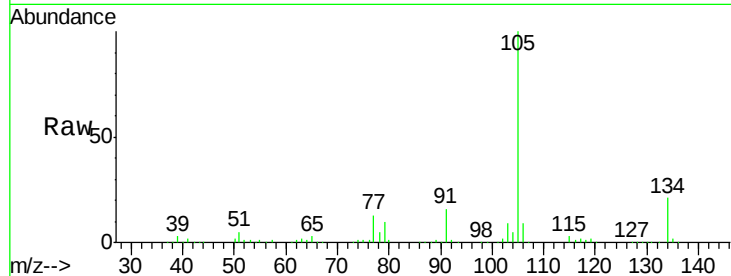
Ion Ratio Lower Upper

105 100

134 20.3 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 21.446 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

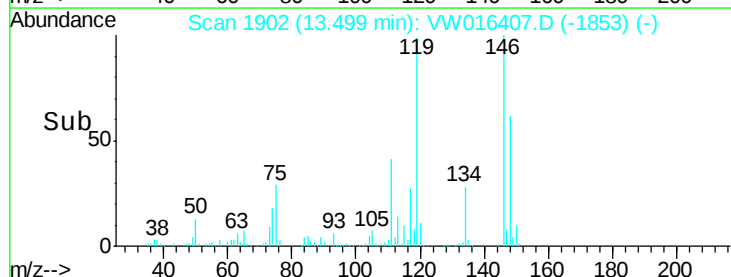
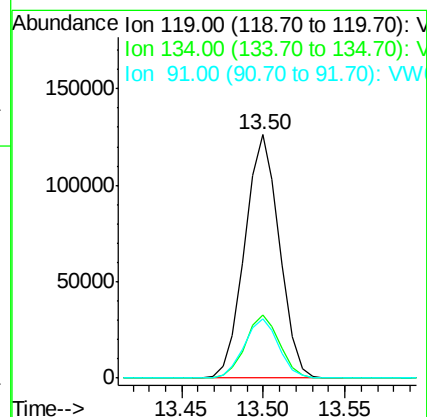
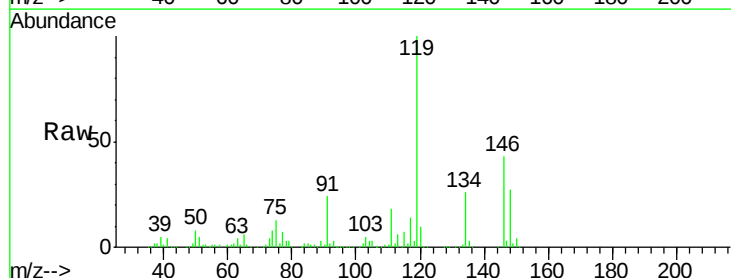
Tgt Ion:119 Resp: 186756

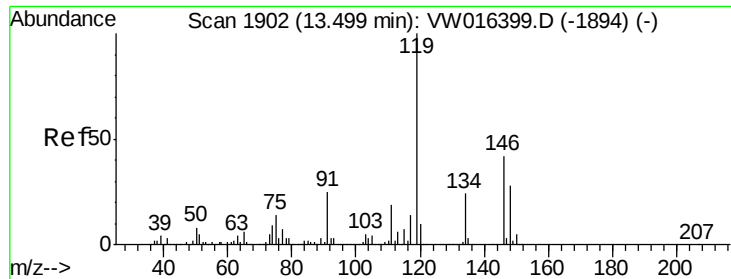
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.6

91 24.3 12.2 36.4





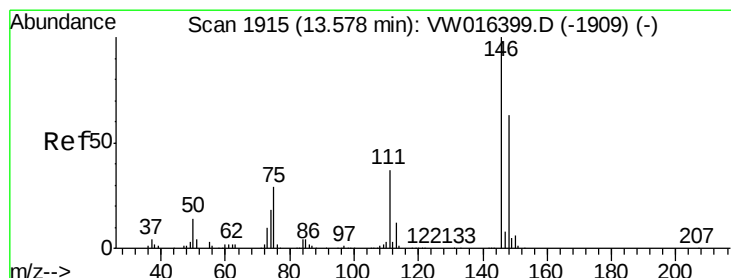
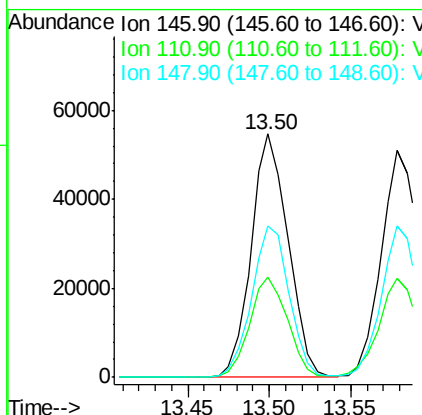
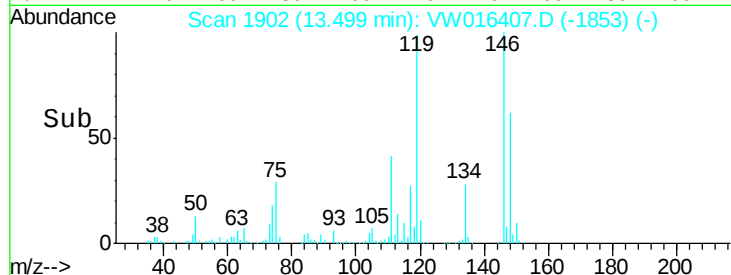
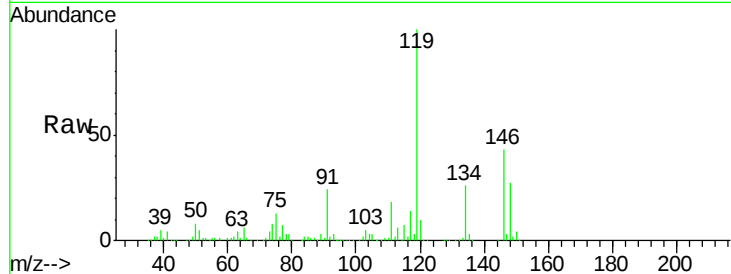
#87
 1,3-Dichlorobenzene
 Concen: 21.114 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampled :
 VW0831SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	22.6	67.8
148	63.5	33.6	100.8

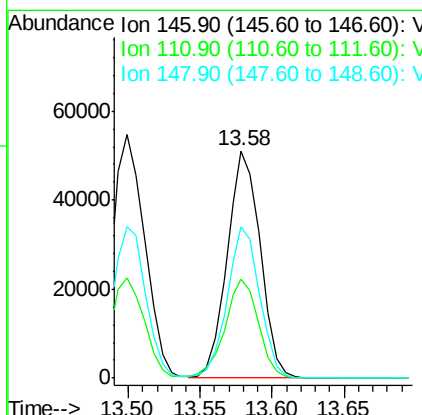
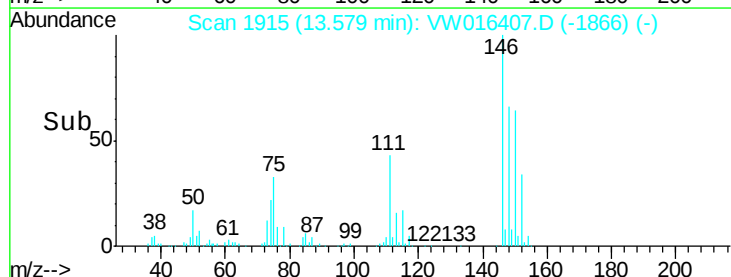
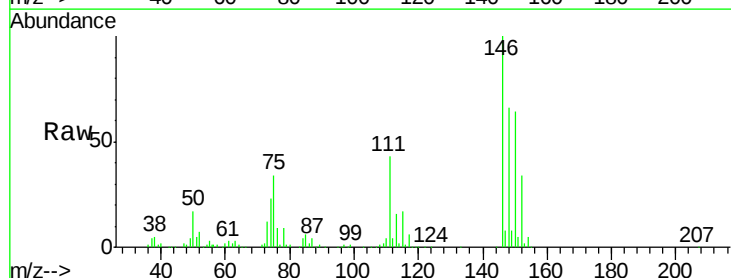
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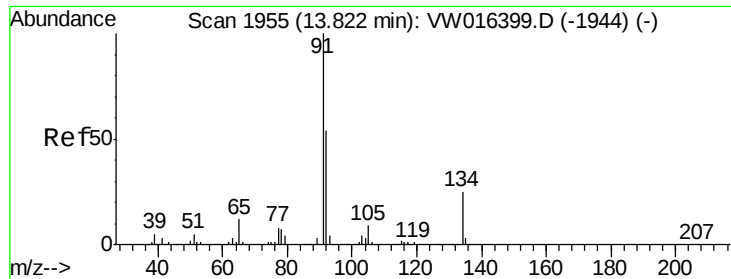
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#88
 1,4-Dichlorobenzene
 Concen: 19.991 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.1	20.4	61.3
148	65.4	32.0	96.2





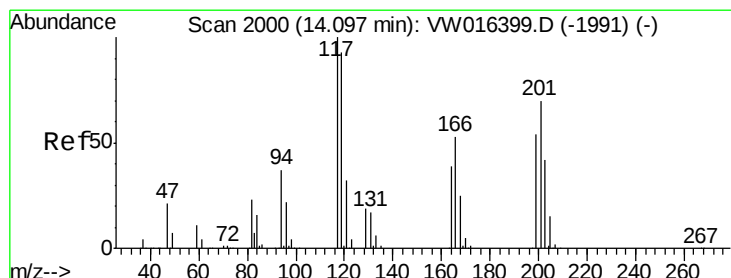
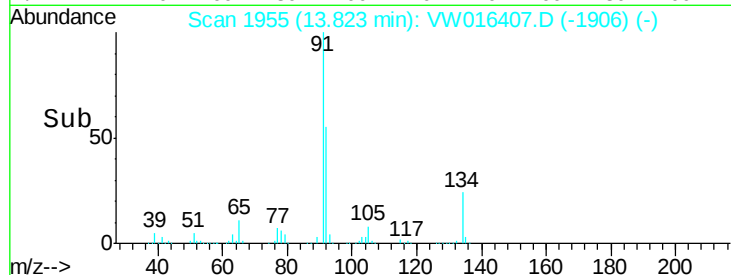
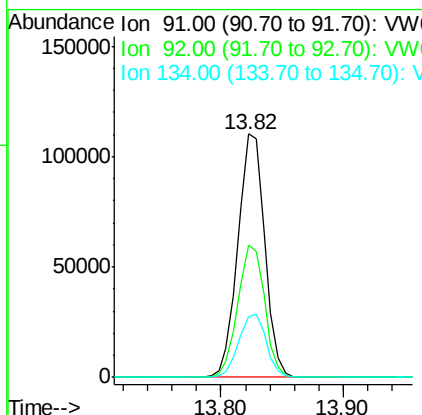
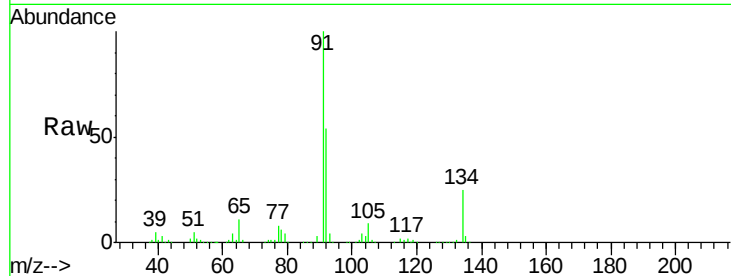
#89
n-Butylbenzene
Concen: 20.876 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	166903		
92	54.3	26.8	80.4	
134	26.4	13.2	39.6	

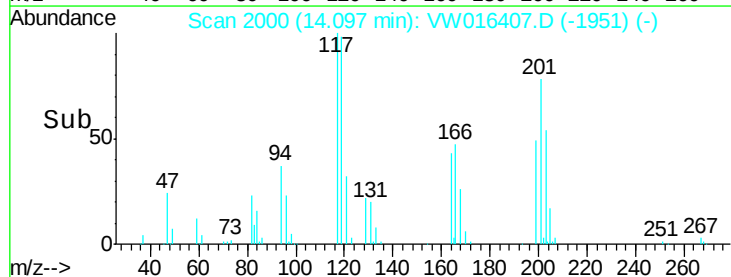
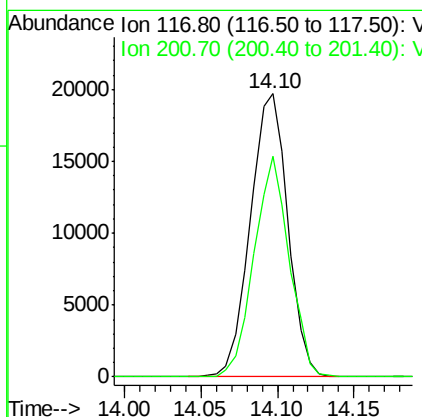
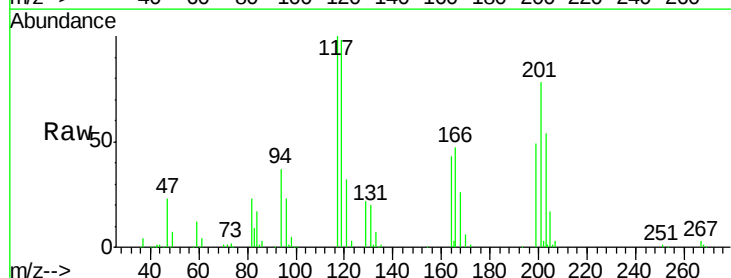
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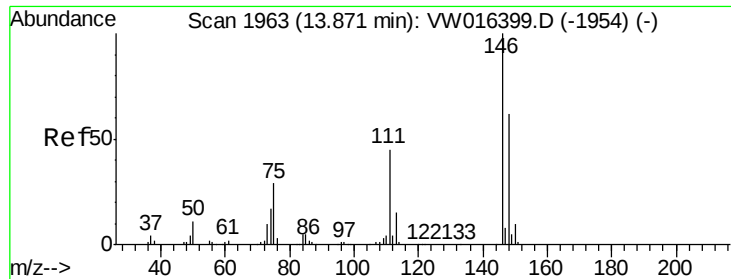
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9/1/2020 12:40:20 PM



#90
Hexachloroethane
Concen: 20.531 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33568		
201	73.2	35.9	107.7	





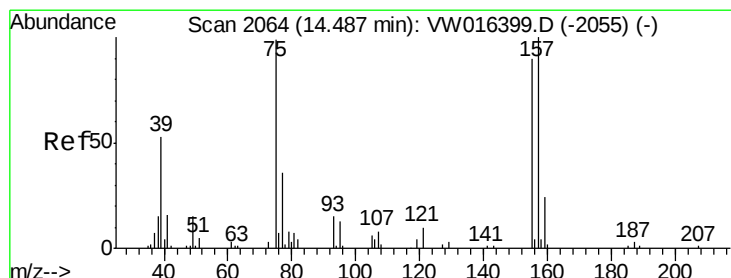
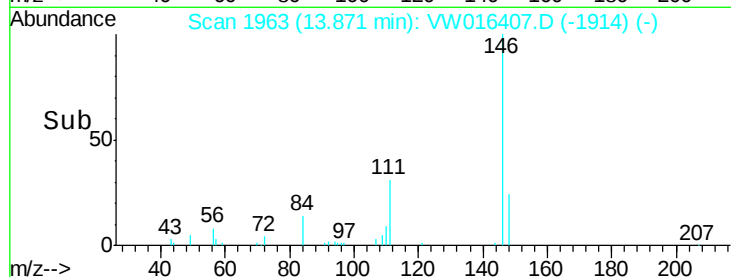
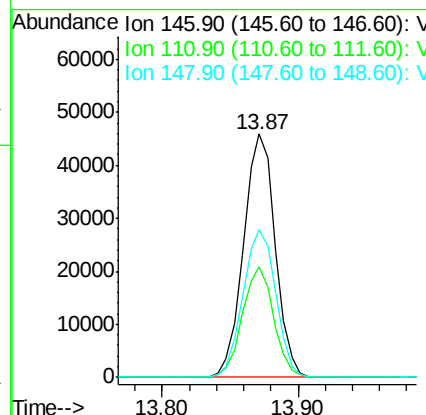
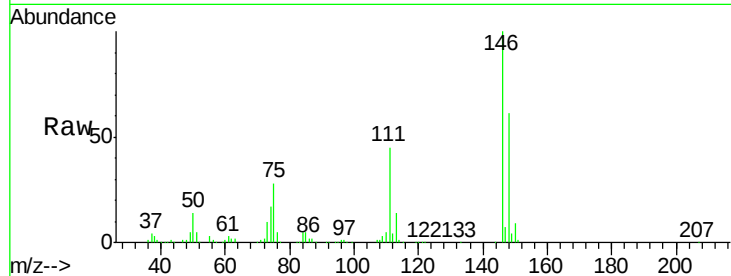
#91
 1,2-Dichlorobenzene
 Concen: 20.444 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.3	66.8
148	62.7	32.0	96.0

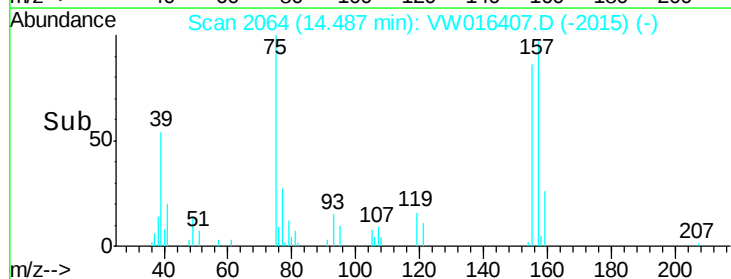
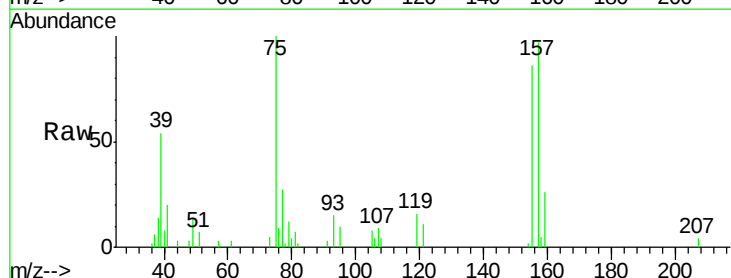
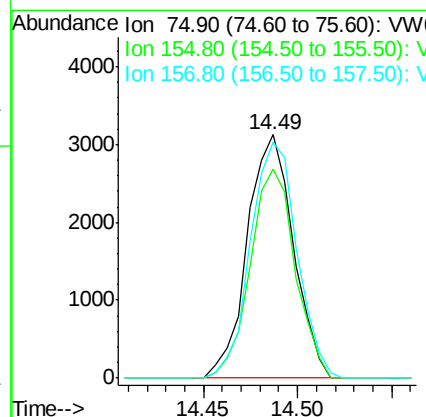
Manual Integrations
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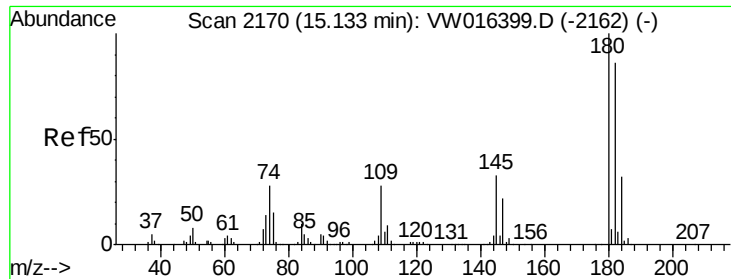
MMDadoda
 9/1/2020 12:40:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.300 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	41.4	124.4
157	98.0	52.1	156.4





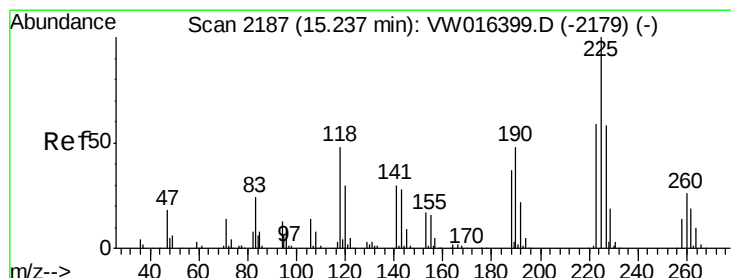
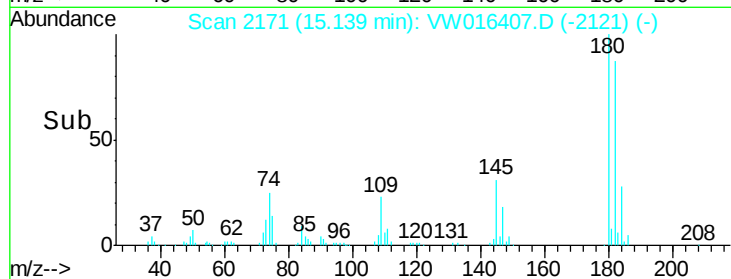
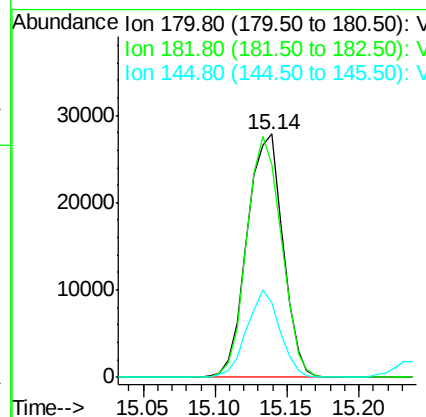
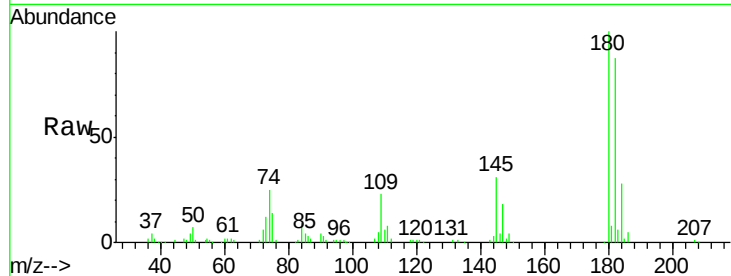
#93
 1,2,4-Trichlorobenzene
 Concen: 19.731 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	44.9	134.7
145	33.1	17.1	51.2

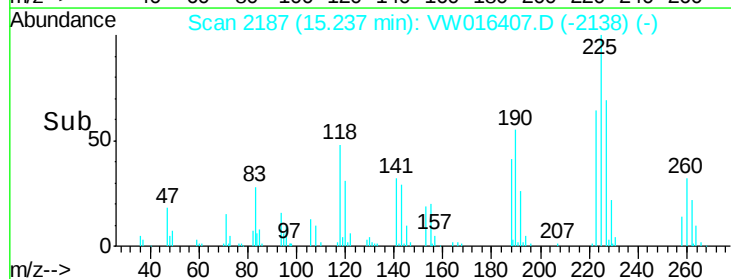
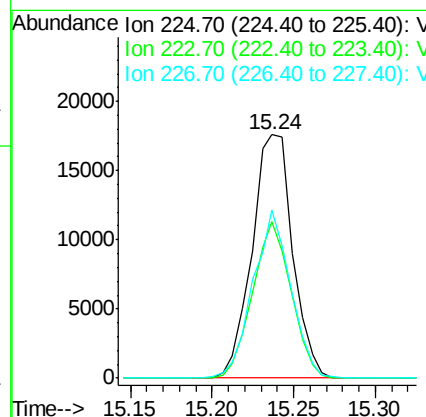
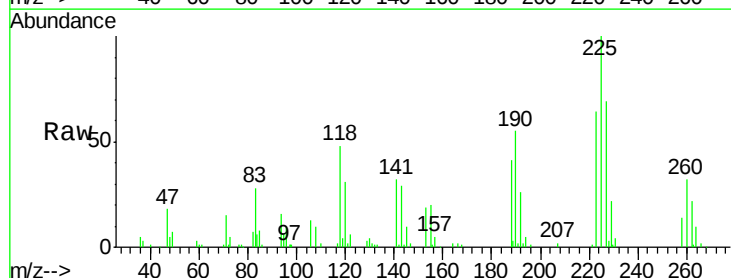
Manual Integrations
 APPROVED

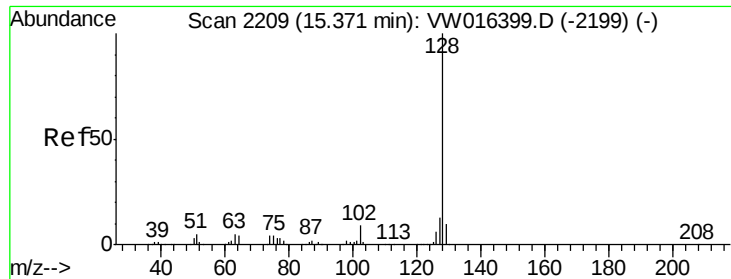
MMDadoda
 9/1/2020 12:40:20 PM



#94
 Hexachlorobutadiene
 Concen: 21.086 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	30.5	91.5
227	63.7	30.7	92.1





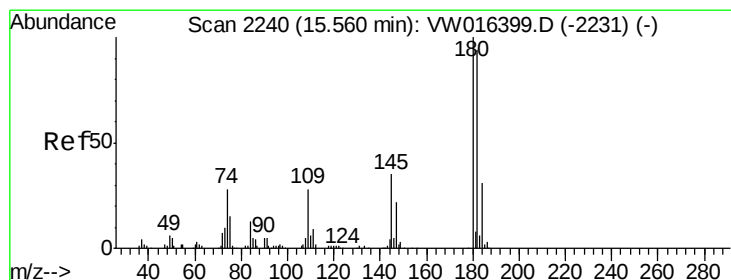
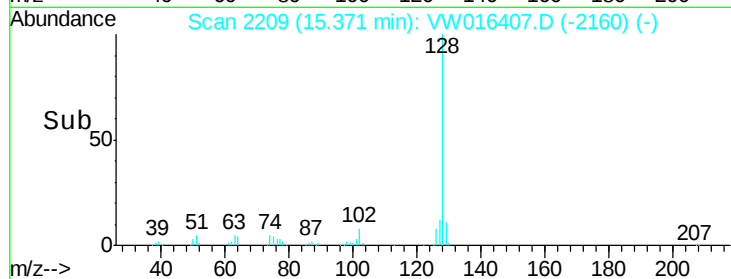
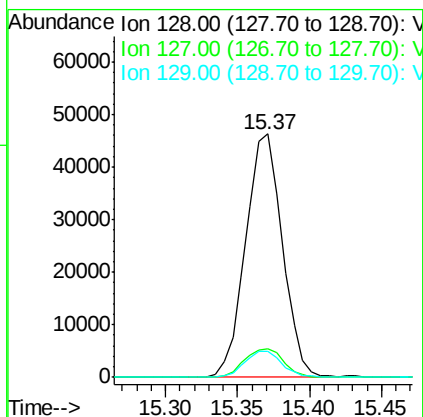
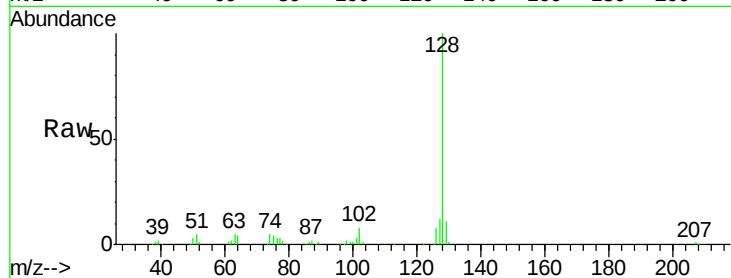
#95
Naphthalene
Concen: 18.214 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
9/1/2020 12:40:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.350 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.5	139.5
145	35.8	18.1	54.3

