

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082820\
 Data File : VW016397.D
 Acq On : 28 Aug 2020 12:57
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 11:59:26 AM

Quant Time: Aug 28 14:33:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 14:25:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	301541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144504	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	19453	10.50	ug/l	0.00
Spiked Amount			Recovery	=	21.00%	
35) Dibromofluoromethane	7.88	113	18905	10.22	ug/l	0.00
Spiked Amount			Recovery	=	20.44%	
50) Toluene-d8	10.33	98	70027	9.83	ug/l	0.00
Spiked Amount			Recovery	=	19.66%	
62) 4-Bromofluorobenzene	12.62	95	26978	10.53	ug/l	0.00
Spiked Amount			Recovery	=	21.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	10768	8.378	ug/l	98
3) Chloromethane	2.21	50	11014	8.266	ug/l	97
4) Vinyl Chloride	2.36	62	15751	8.418	ug/l	96
5) Bromomethane	2.78	94	11251	9.503	ug/l	100
6) Chloroethane	2.92	64	9600	9.029	ug/l	99
7) Trichlorofluoromethane	3.26	101	18991	11.774	ug/l	91
8) Diethyl Ether	3.68	74	9457	9.722	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	17142	8.463	ug/l #	71
10) Methyl Iodide	4.28	142	28495	9.648	ug/l	97
11) Tert butyl alcohol	5.20	59	7108m	70.004	ug/l	
12) 1,1-Dichloroethene	4.03	96	18672	9.065	ug/l	90
13) Acrolein	3.90	56	4687	35.067	ug/l	94
14) Allyl chloride	4.67	41	23514	8.619	ug/l	98
15) Acrylonitrile	5.38	53	17750	48.864	ug/l	98
16) Acetone	4.14	43	16972	49.836	ug/l	95
17) Carbon Disulfide	4.39	76	51853	8.631	ug/l	99
18) Methyl Acetate	4.67	43	7440	9.140	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	29278	11.290	ug/l	97
20) Methylene Chloride	4.92	84	30489	11.575	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	21308	9.489	ug/l	98
22) Diisopropyl ether	6.31	45	47203	9.164	ug/l	90
23) Vinyl Acetate	6.26	43	142837	48.264	ug/l	99
24) 1,1-Dichloroethane	6.22	63	34186	9.427	ug/l	98
25) 2-Butanone	7.18	43	23804	51.439	ug/l	94
26) 2,2-Dichloropropane	7.17	77	28344	11.817	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	22514	9.648	ug/l	95
28) Bromochloromethane	7.51	49	12182	8.972	ug/l	98
29) Tetrahydrofuran	7.54	42	13096	47.070	ug/l	99
30) Chloroform	7.68	83	36910	9.648	ug/l	97
31) Cyclohexane	7.96	56	31958	9.604	ug/l #	95
32) 1,1,1-Trichloroethane	7.88	97	33986	10.496	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29928	10.074	ug/l	99
37) Ethyl Acetate	7.26	43	9721	9.660	ug/l #	95
38) Carbon Tetrachloride	8.07	117	32167	10.667	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35545	9.956	ug/l	99
40) Benzene	8.32	78	80430	9.683	ug/l	100
41) Methacrylonitrile	7.49	41	5991	10.468	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	24347	10.886	ug/l	100
43) Isopropyl Acetate	8.42	43	19934	10.445	ug/l	99
44) Trichloroethene	9.10	130	23929	10.058	ug/l	89
45) 1,2-Dichloropropane	9.37	63	19021	9.774	ug/l	98
46) Dibromomethane	9.46	93	11182	10.760	ug/l	97
47) Bromodichloromethane	9.65	83	27885	10.332	ug/l	100
48) Methyl methacrylate	9.44	41	9215	10.415	ug/l	98
49) 1,4-Dioxane	9.48	88	2998	230.222	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	50293	52.471	ug/l	98
52) Toluene	10.39	92	53703	10.072	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	26270	10.480	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	31545	10.244	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	16017	10.723	ug/l	96
56) Ethyl methacrylate	10.65	69	17180	10.169	ug/l	98
57) 1,3-Dichloropropane	10.93	76	26158	10.356	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	39185	50.849	ug/l	99
59) 2-Hexanone	10.97	43	34183	52.325	ug/l	99
60) Dibromochloromethane	11.13	129	19740	10.976	ug/l	100
61) 1,2-Dibromoethane	11.24	107	15639	10.871	ug/l	99
64) Tetrachloroethene	10.86	164	19592	10.553	ug/l	92
65) Chlorobenzene	11.66	112	58034	10.095	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	21805	10.766	ug/l	99
67) Ethyl Benzene	11.73	91	103742	10.087	ug/l	98
68) m/p-Xylenes	11.84	106	78987	19.994	ug/l	100
69) o-Xylene	12.17	106	36115	10.258	ug/l	98
70) Styrene	12.18	104	61105	10.024	ug/l	98
71) Bromoform	12.35	173	10752	11.662	ug/l #	97
73) Isopropylbenzene	12.46	105	101350	9.197	ug/l	100
74) N-amyl acetate	12.27	43	17932	9.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	17708	9.699	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	12798m	9.690	ug/l	
77) Bromobenzene	12.75	156	24658	10.020	ug/l	96
78) n-propylbenzene	12.80	91	121271	9.254	ug/l	100
79) 2-Chlorotoluene	12.90	91	72853	9.599	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	89381	9.406	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	5407	9.801	ug/l	96
82) 4-Chlorotoluene	12.99	91	76506	9.705	ug/l	98
83) tert-Butylbenzene	13.21	119	76075	9.788	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	91113	9.740	ug/l	99
85) sec-Butylbenzene	13.38	105	103374	9.206	ug/l	99
86) p-Isopropyltoluene	13.50	119	100045	9.778	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	47476	9.805	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	48156	9.990	ug/l	98
89) n-Butylbenzene	13.82	91	90415	9.600	ug/l	99
90) Hexachloroethane	14.09	117	18530	9.696	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	43510	10.190	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3084	10.722	ug/l	99

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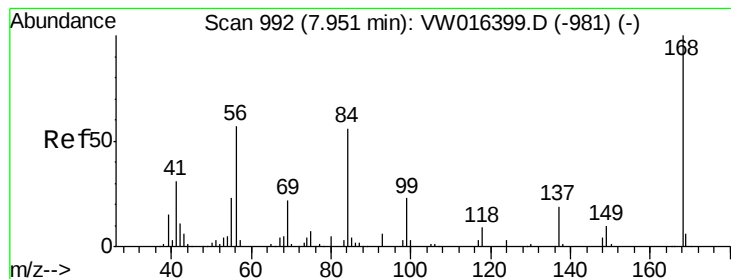
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	27722	10.743	ug/l	96
94) Hexachlorobutadiene	15.24	225	16287	10.429	ug/l	97
95) Naphthalene	15.37	128	47117	9.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	22979	10.386	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleID :

VSTDIC010

Tot Ion:168 Resp: 190697

Ion Ratio Lower Upper

168 100

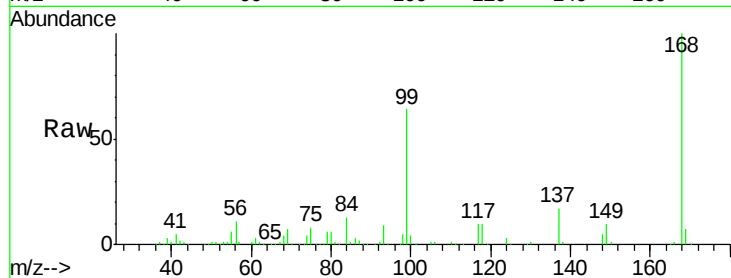
99 63.9 49.0 73.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

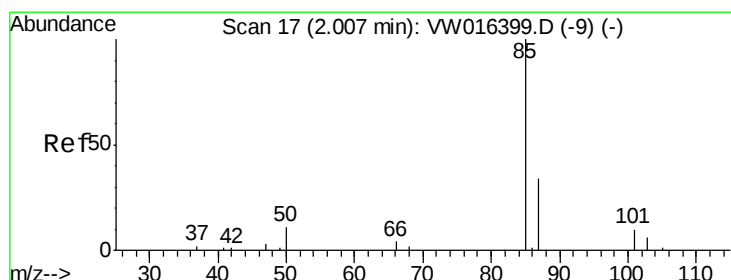
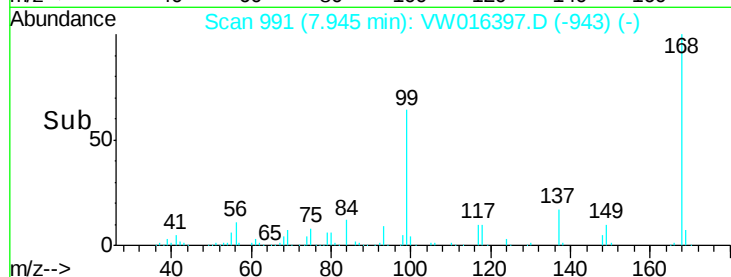
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 8.378 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016397.D

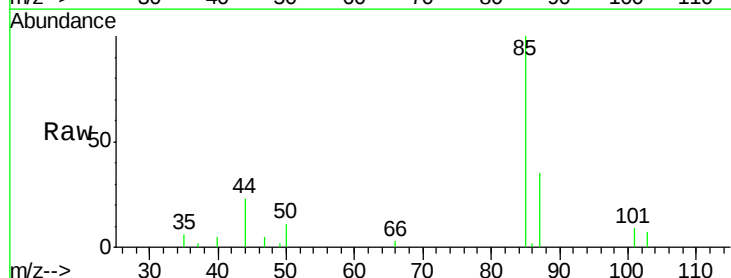
Acq: 28 Aug 2020 12:57

Tgt Ion: 85 Resp: 10768

Ion Ratio Lower Upper

85 100

87 35.3 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

3000

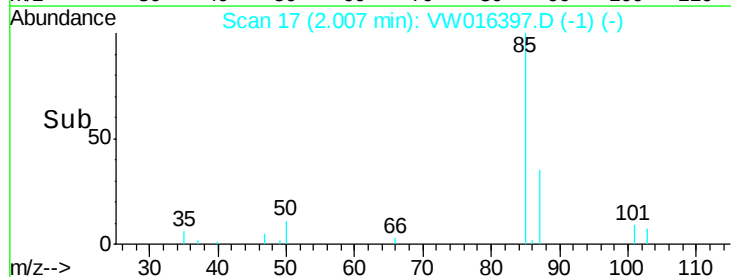
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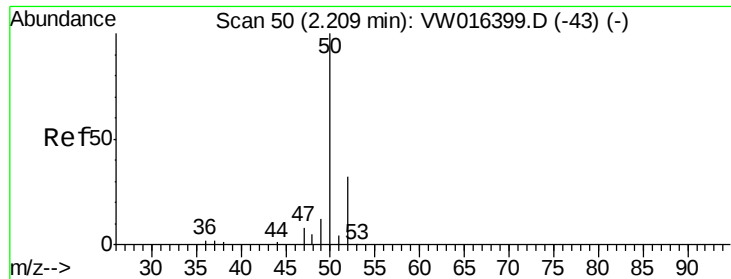
1000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 8.266 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 11014

Ion Ratio Lower Upper

50 100

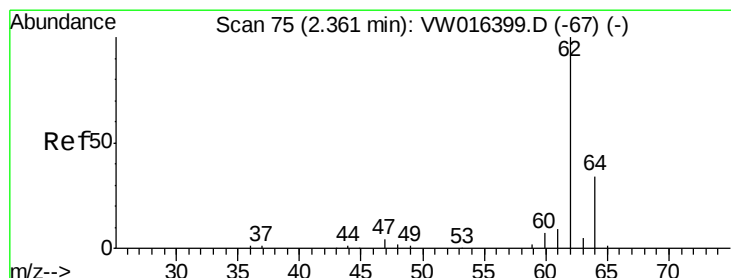
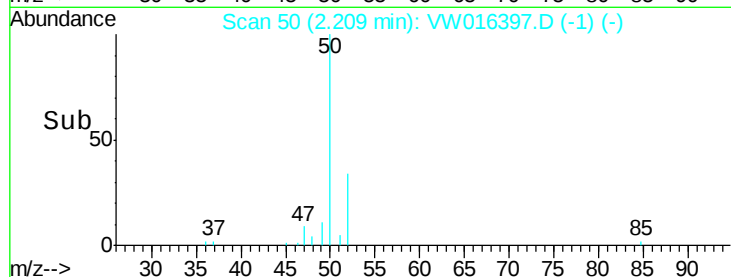
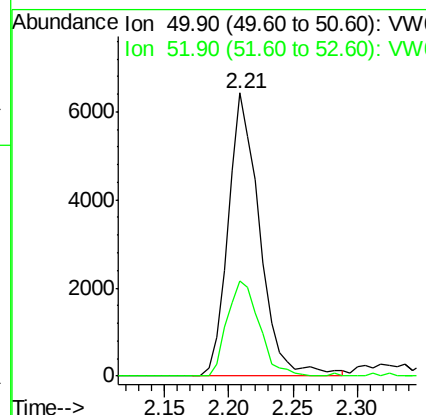
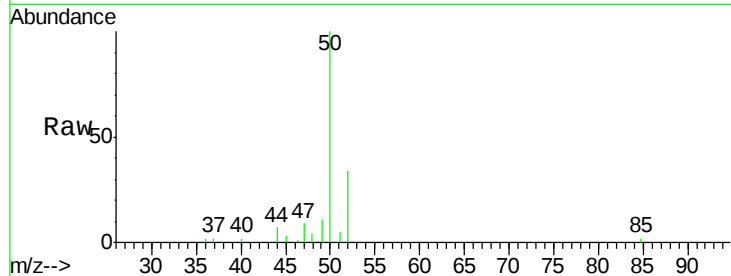
52 33.6 25.5 38.3

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#4

Vinyl Chloride

Concen: 8.418 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW016397.D

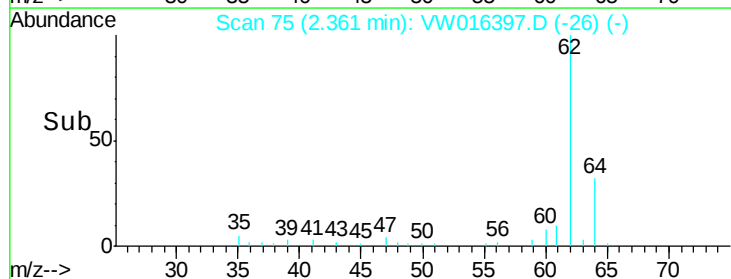
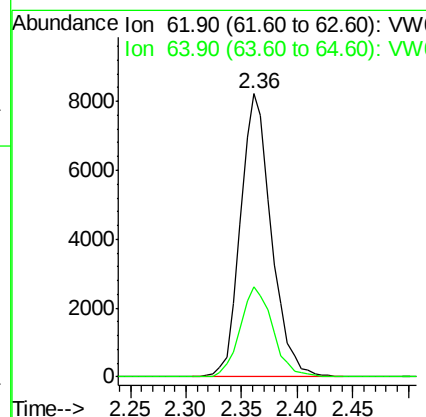
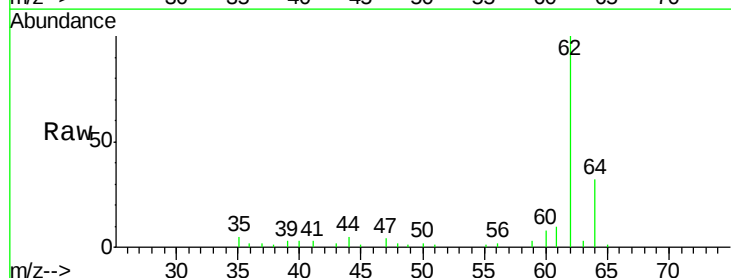
Acq: 28 Aug 2020 12:57

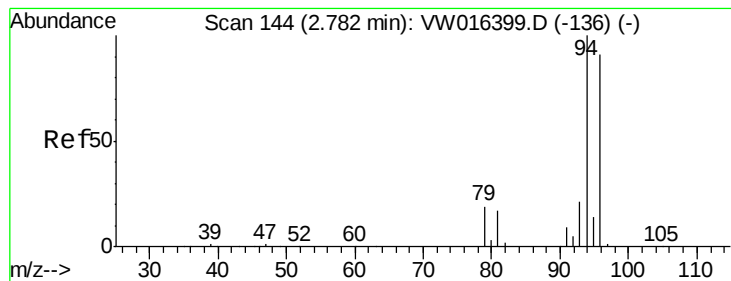
Tgt Ion: 62 Resp: 15751

Ion Ratio Lower Upper

62 100

64 31.6 27.2 40.8





#5

Bromomethane

Concen: 9.503 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Tot Ion: 94 Resp: 11251

Ion Ratio Lower Upper

94 100

96 90.9 72.6 109.0

Instrument :

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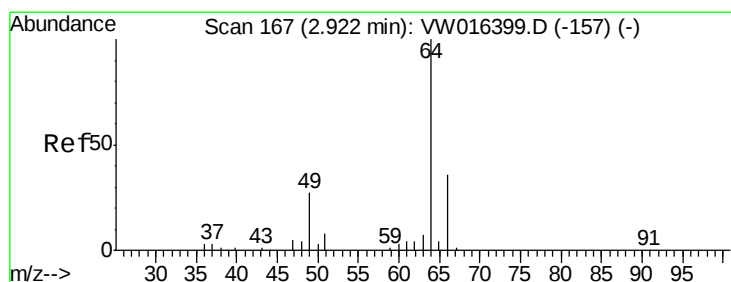
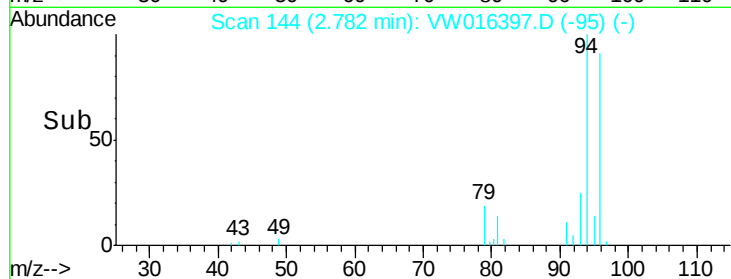
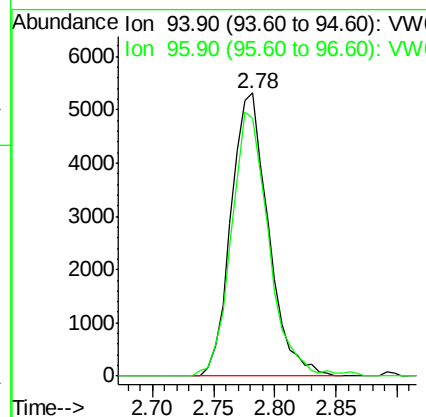
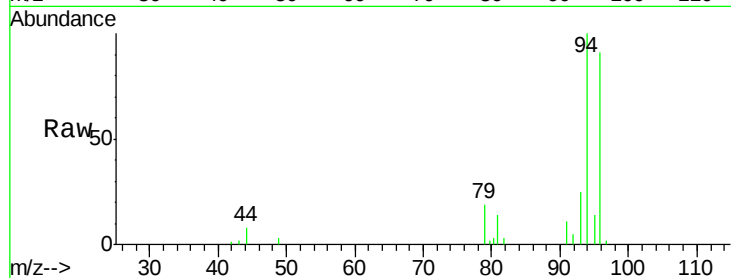
VSTDIC010

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#6

Chloroethane

Concen: 9.029 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW016397.D

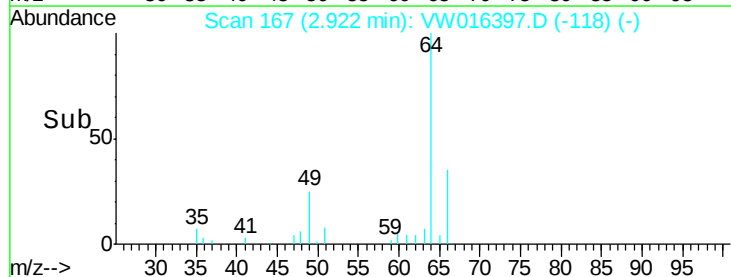
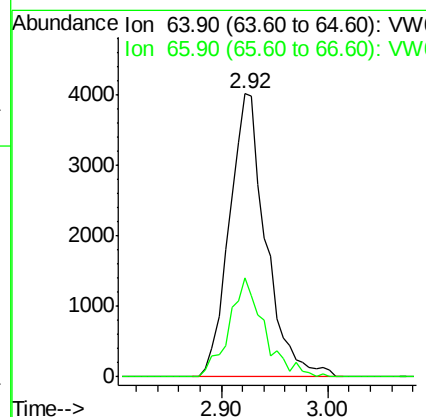
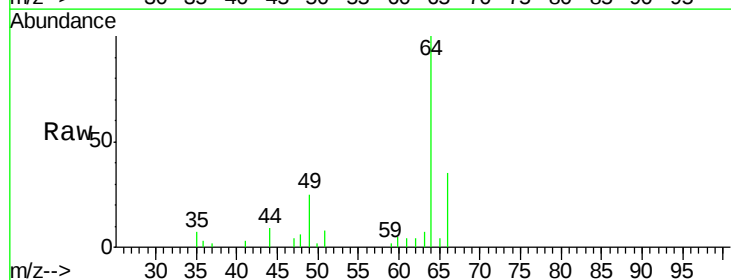
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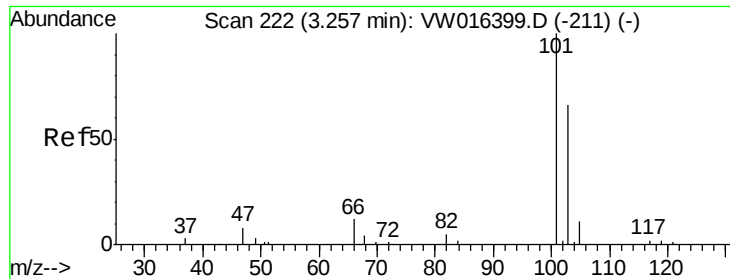
Tgt Ion: 64 Resp: 9600

Ion Ratio Lower Upper

64 100

66 35.1 28.7 43.1





#7

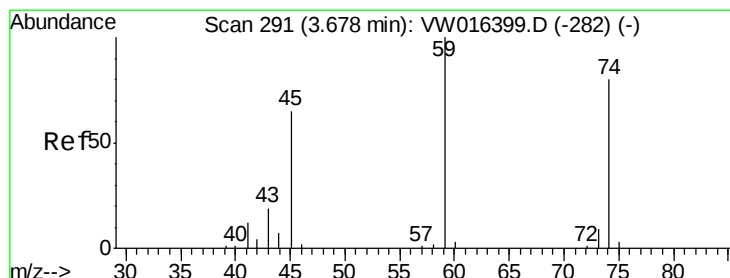
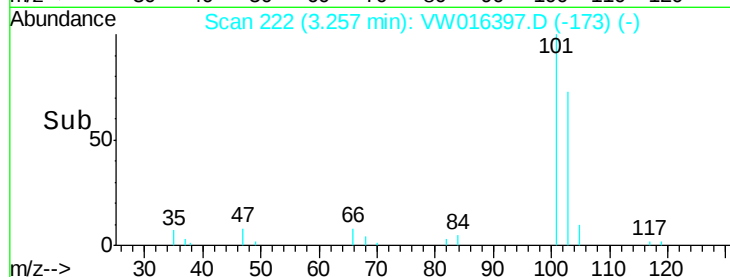
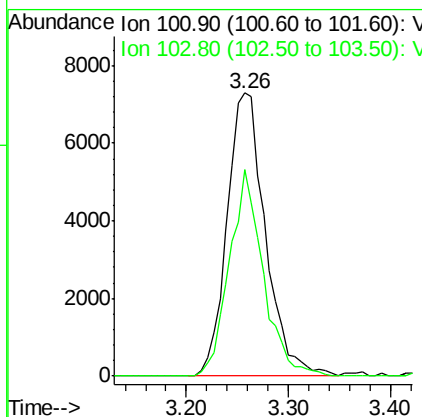
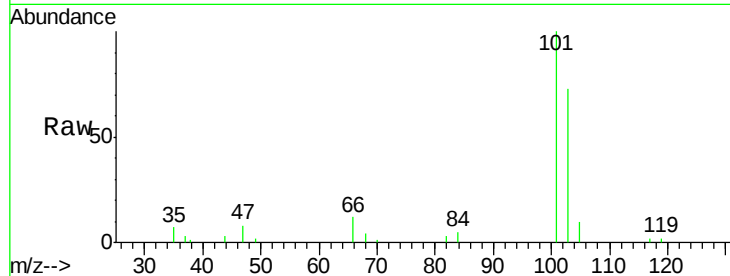
Trichlorofluoromethane
Concen: 11.774 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW016397.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	73.1	53.0	79.4

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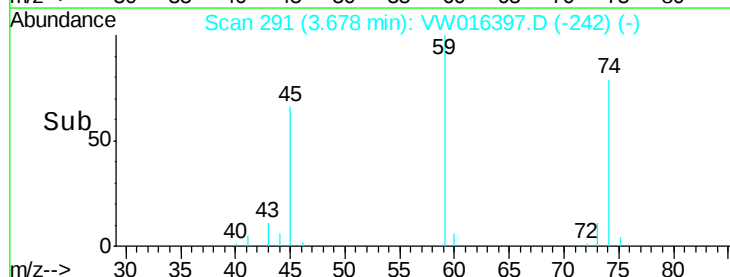
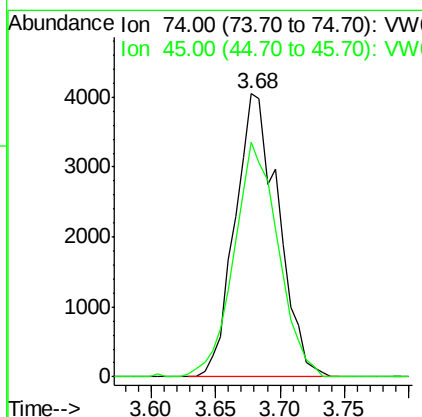
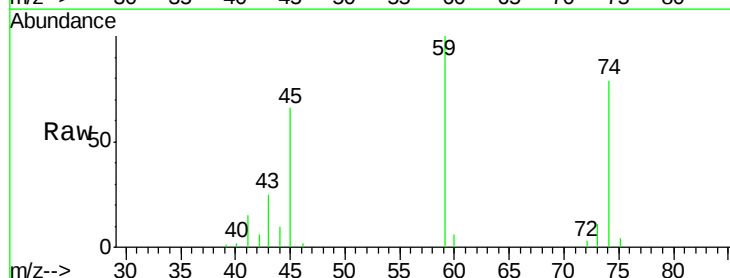
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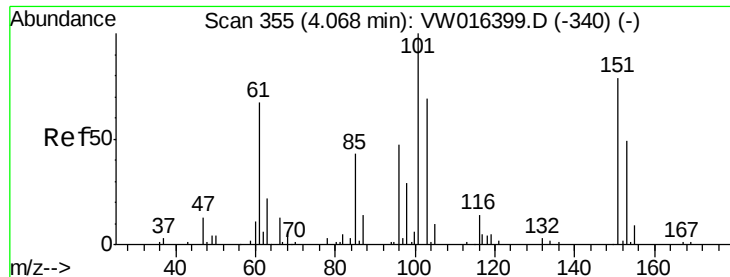


#8

Diethyl Ether
Concen: 9.722 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.5	42.0	126.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.463 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Instrument :

MSVOA_W

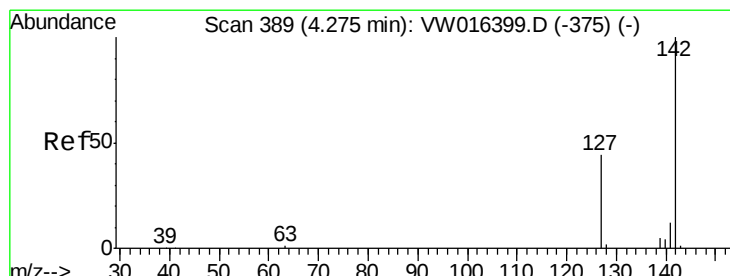
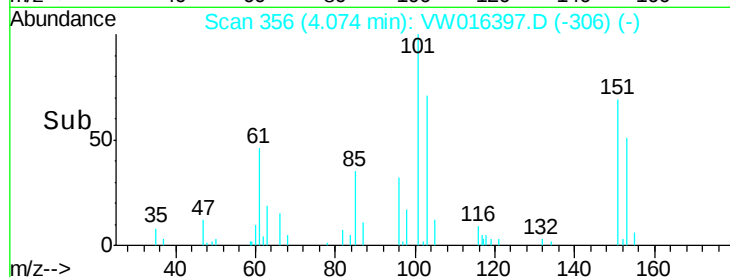
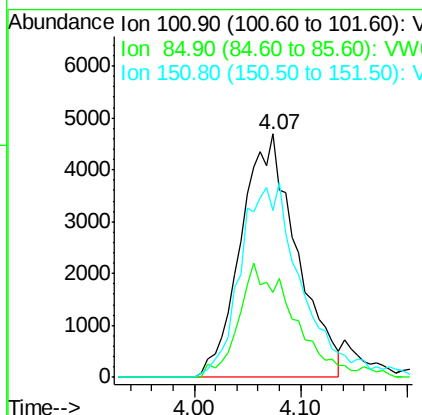
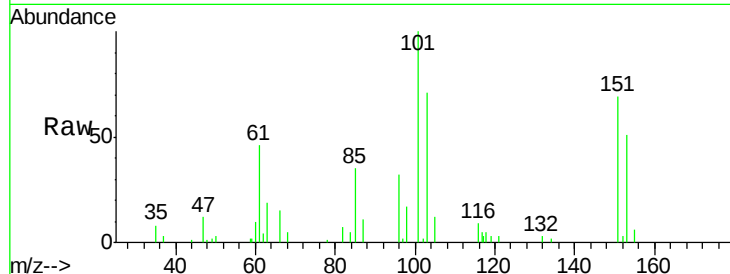
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
101	100	17142		
85	0.0	34.2	51.2#	
151	88.0	63.8	95.8	

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8/31/2020 11:59:26 AM



#10

Methyl Iodide

Concen: 9.648 ug/l

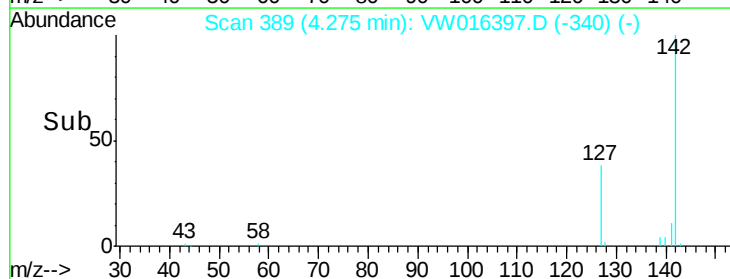
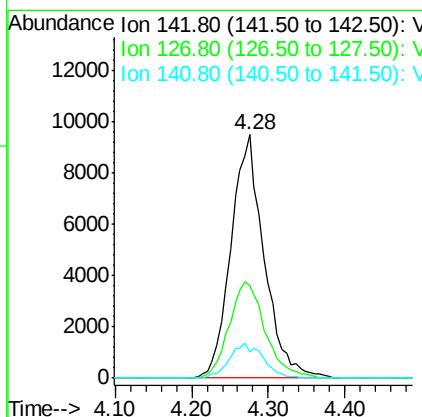
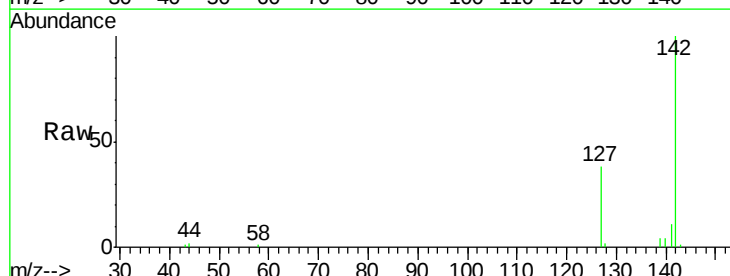
RT: 4.28 min Scan# 389

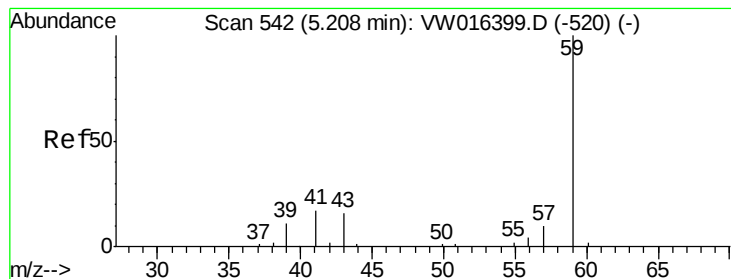
Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	28495		
127	42.8	36.2	54.4	
141	14.4	11.8	17.6	





#11

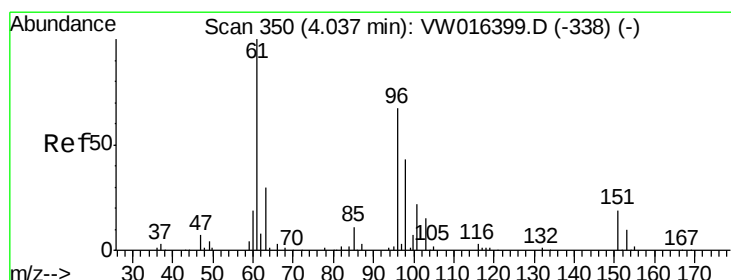
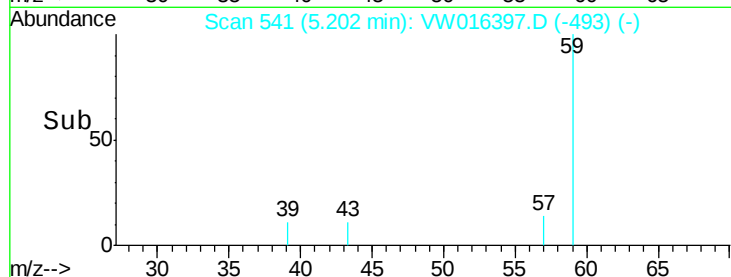
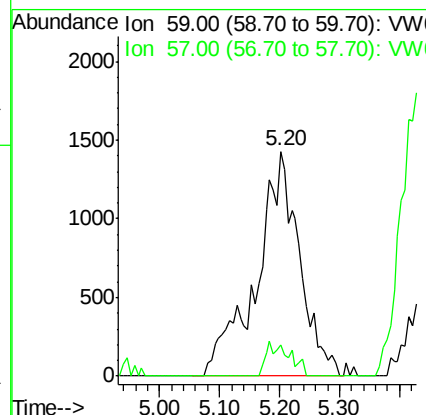
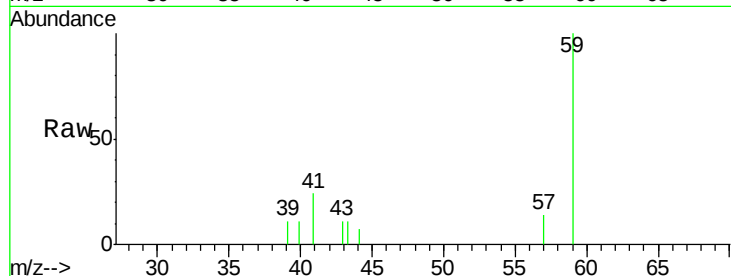
Tert butyl alcohol
Concen: 70.004 ug/l m
RT: 5.20 min Scan# 541
Delta R.T. -0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.2	12.4

Manual Integrations
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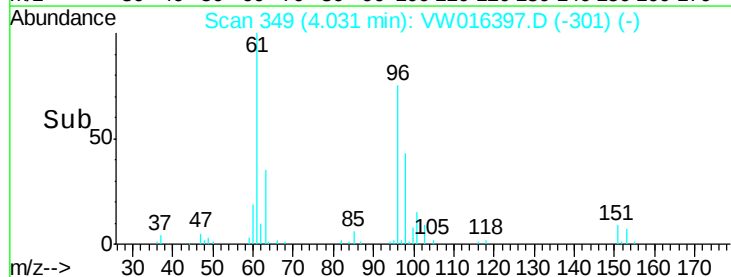
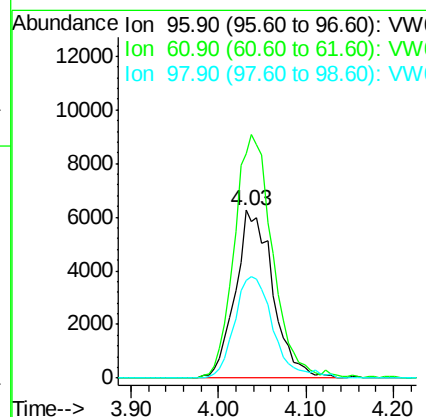
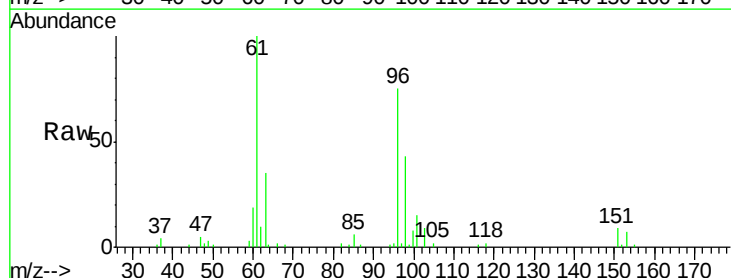
MMDadoda
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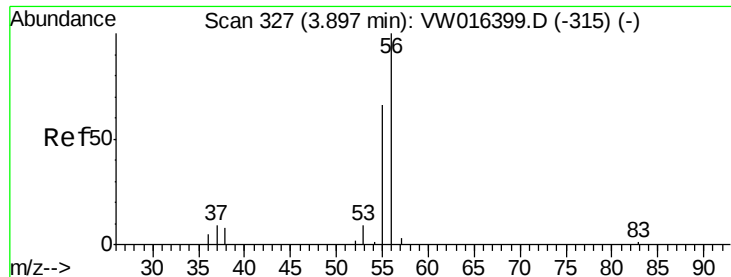


#12

1,1-Dichloroethene
Concen: 9.065 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.1	119.0	178.4
98	58.2	50.6	76.0





#13

Acrolein

Concen: 35.067 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Tot Ion: 56 Resp: 4687

Ion Ratio Lower Upper

56 100

55 73.1 54.8 82.2

Instrument :

MSVOA_W

ClientSampleId :

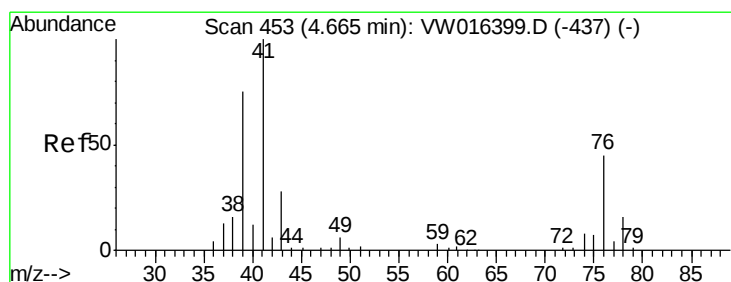
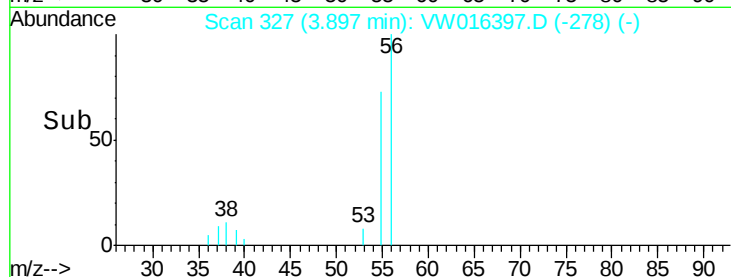
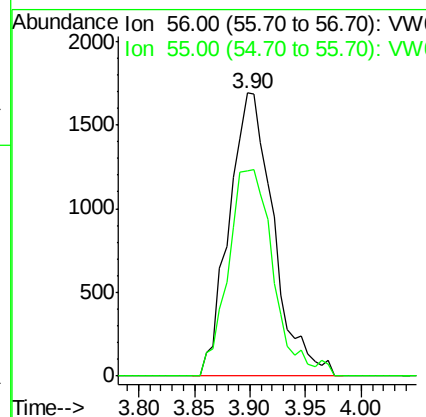
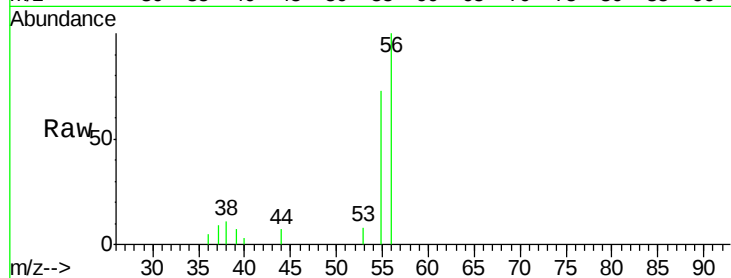
VSTDIC010

Manual Integrations

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#14

Allyl chloride

Concen: 8.619 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

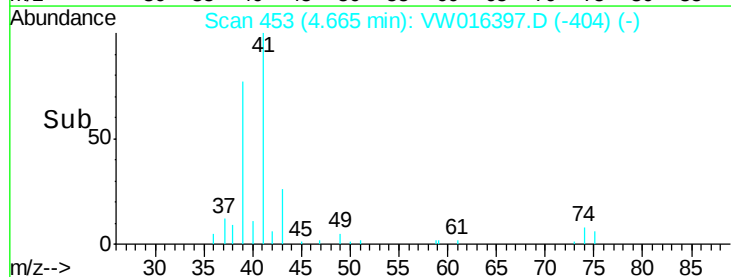
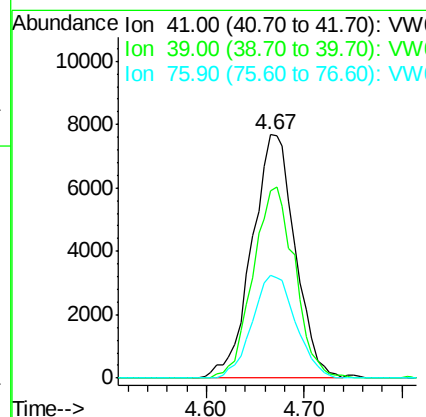
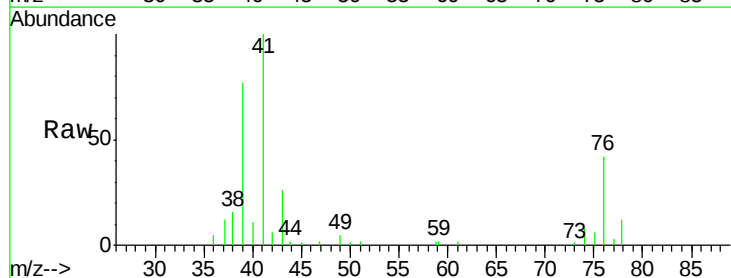
Tgt Ion: 41 Resp: 23514

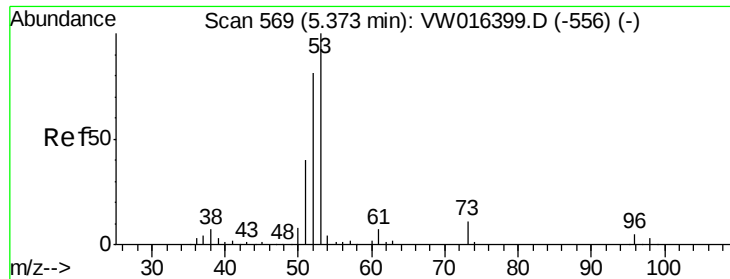
Ion Ratio Lower Upper

41 100

39 76.0 60.2 90.2

76 42.6 35.7 53.5





#15

Acrylonitrile

Concen: 48.864 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Instrument :

MSVOA_W

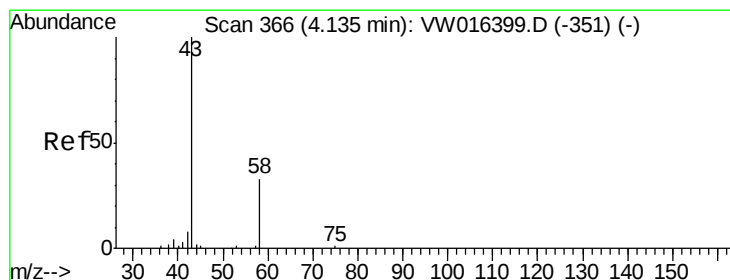
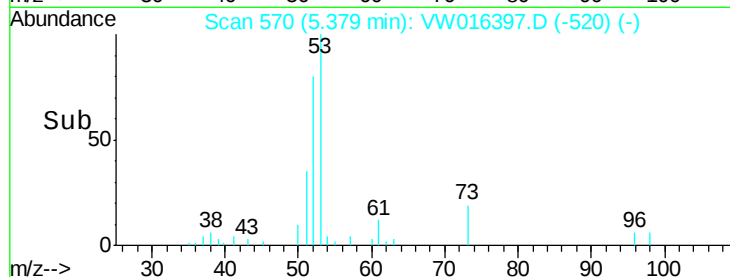
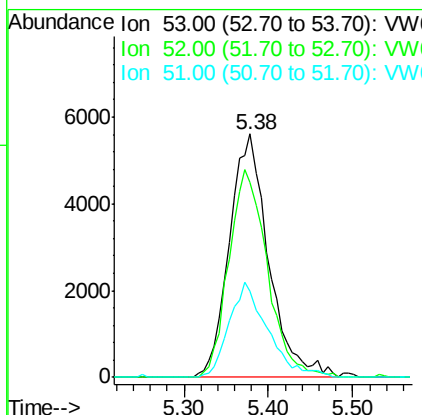
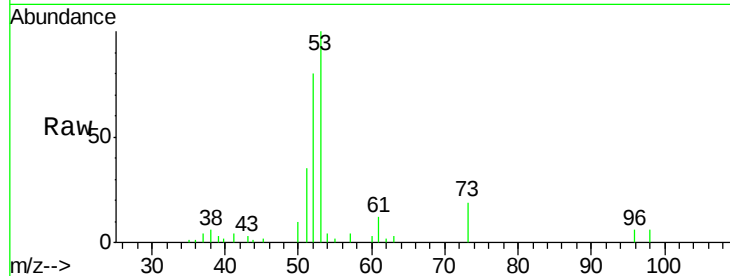
ClientSampled :

VSTDIC010

Tot Ion:	53	Resp:	17750
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.1	99.1
51	38.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 49.836 ug/l

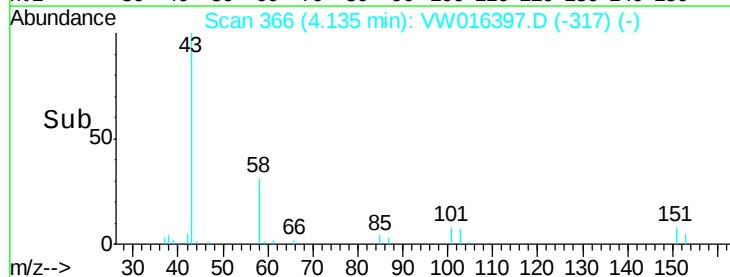
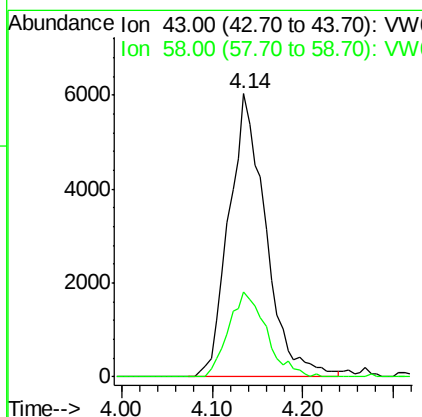
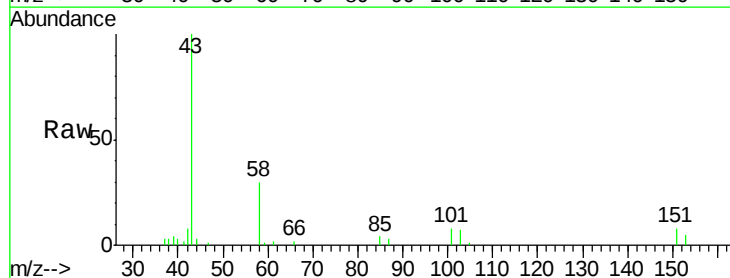
RT: 4.14 min Scan# 366

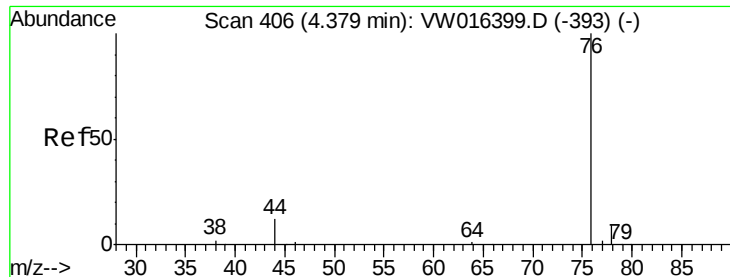
Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Tgt Ion:	43	Resp:	16972
Ion	Ratio	Lower	Upper
43	100		
58	30.2	26.6	39.8





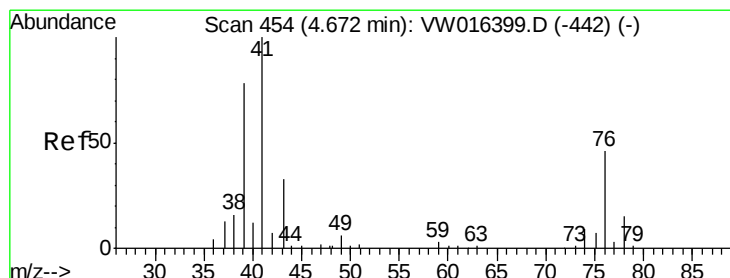
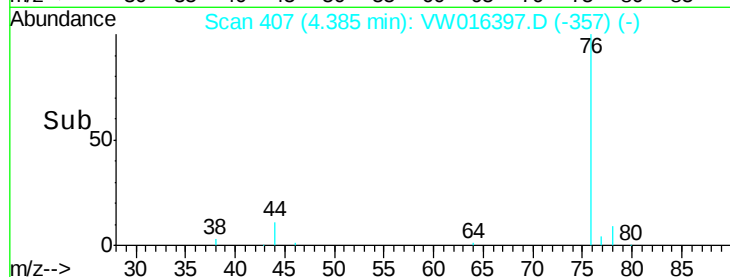
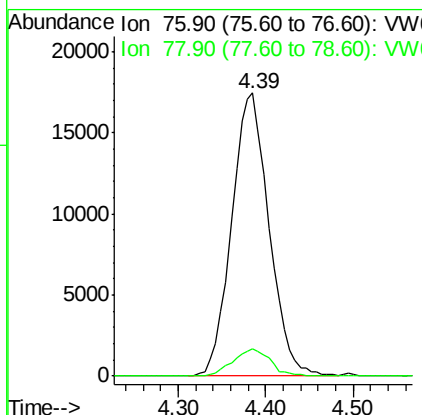
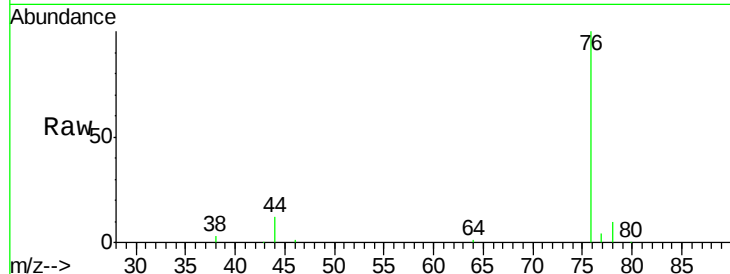
#17
Carbon Disulfide
Concen: 8.631 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

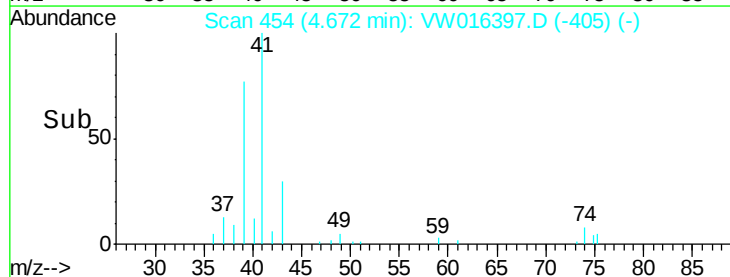
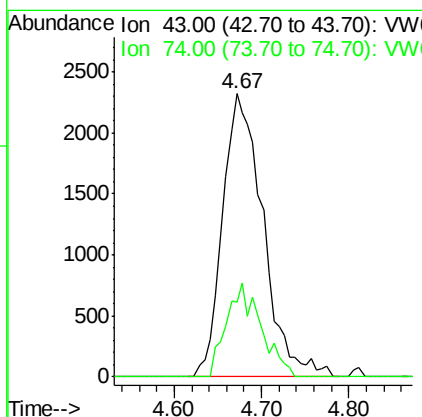
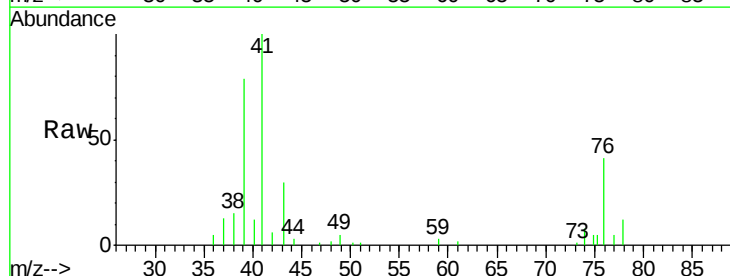
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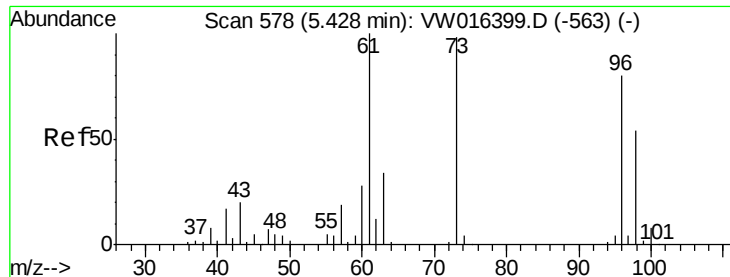
MMDadoda
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#18
Methyl Acetate
Concen: 9.140 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.3	23.2	34.8





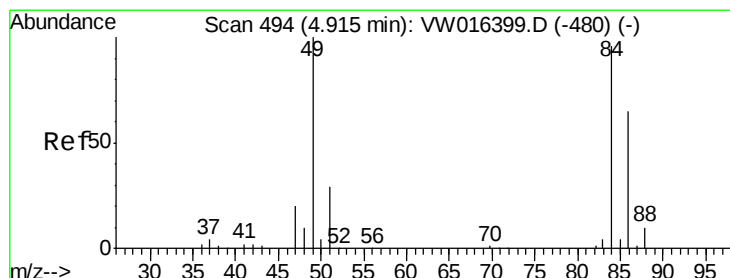
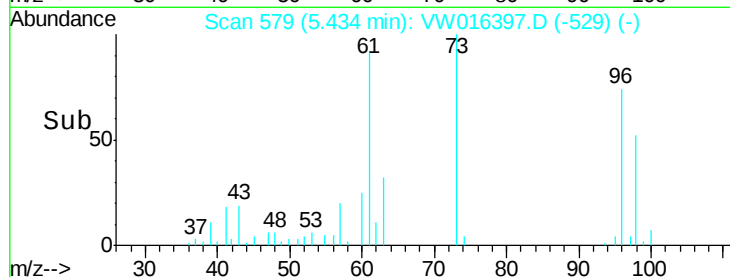
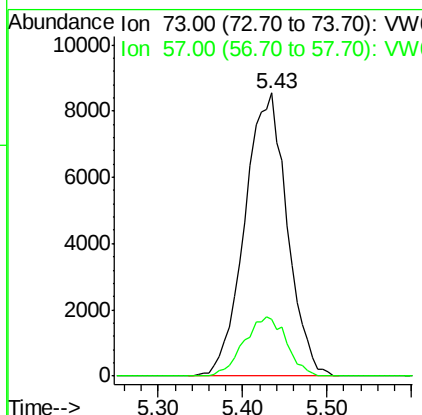
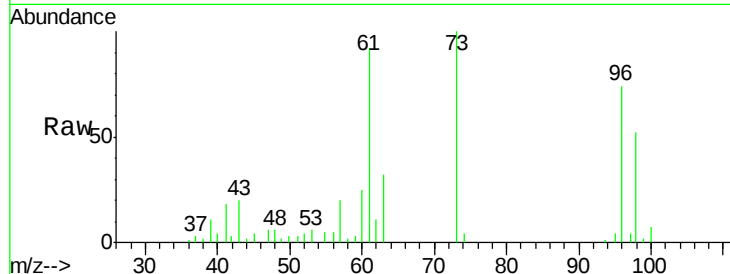
#19
Methvl tert-butvl Ether
Concen: 11.290 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 29278
Ion Ratio Lower Upper
73 100
57 20.3 15.0 22.6

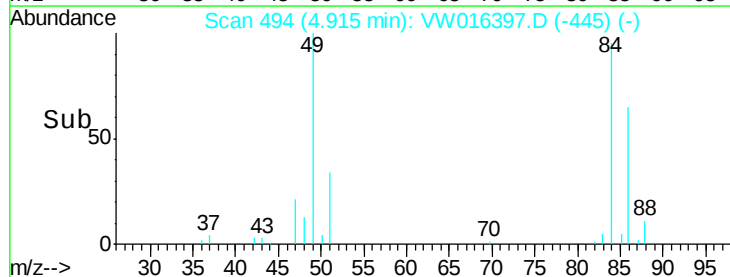
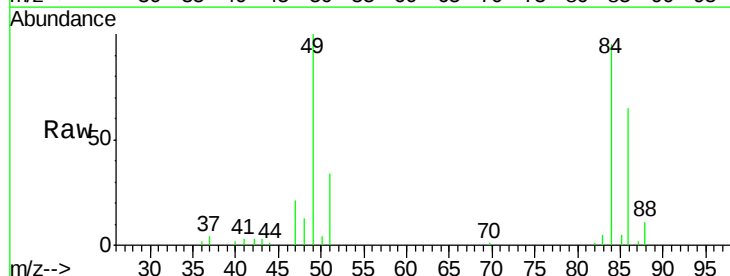
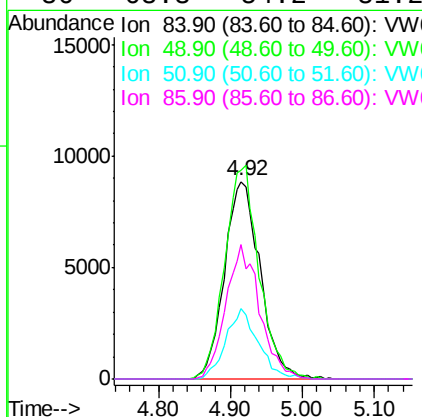
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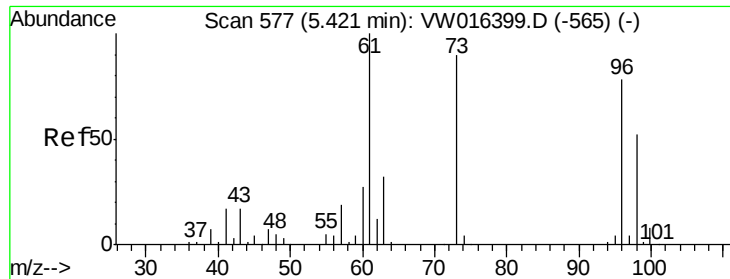
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#20
Methylene Chloride
Concen: 11.575 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion: 84 Resp: 30489
Ion Ratio Lower Upper
84 100
49 105.5 83.2 124.8
51 35.4 24.4 36.6
86 68.3 54.2 81.2





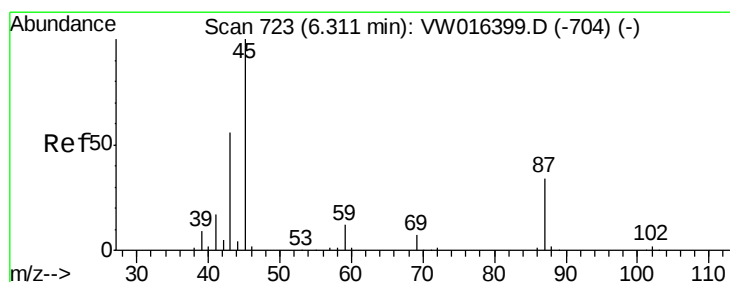
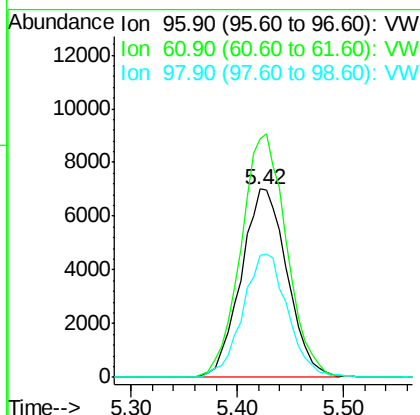
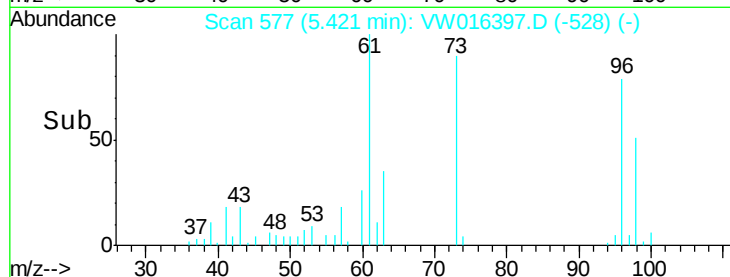
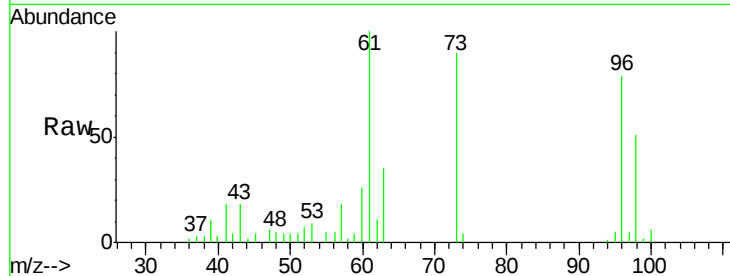
#21
trans-1,2-Dichloroethene
Concen: 9.489 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.4	103.0	154.6
98	64.9	53.8	80.6

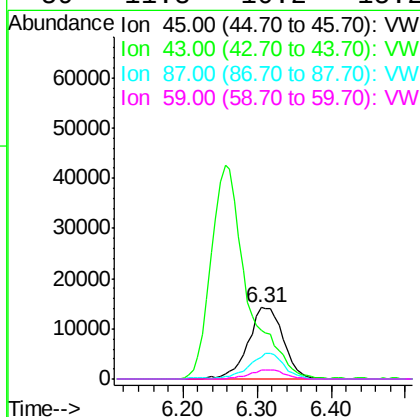
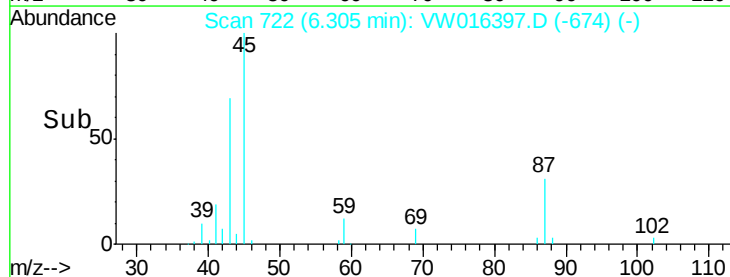
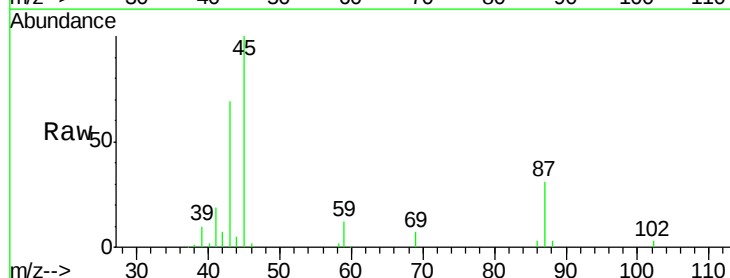
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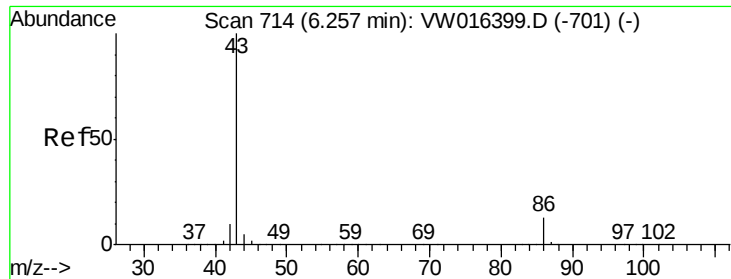
MMDadoda
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#22
Diisopropyl ether
Concen: 9.164 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.9	44.6	67.0
87	31.2	27.5	41.3
59	11.8	10.2	15.2





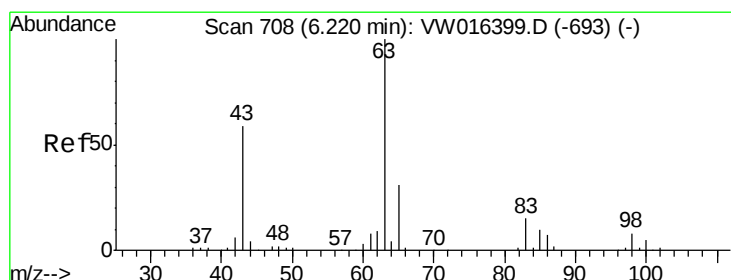
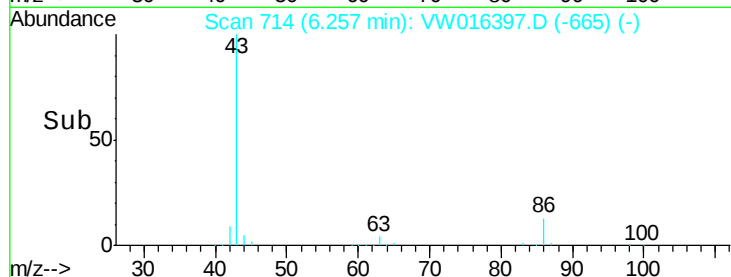
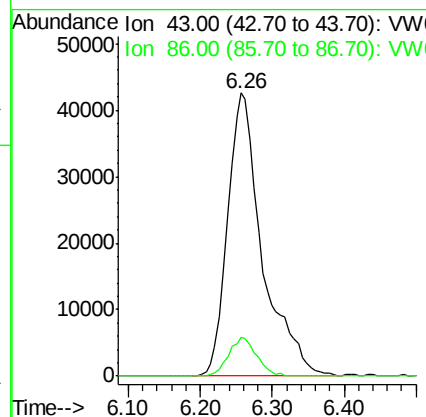
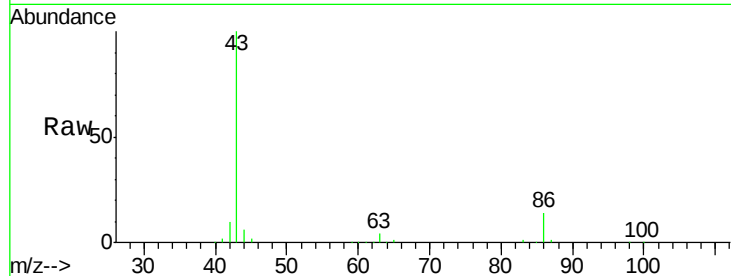
#23
 Vinyl Acetate
 Concen: 48.264 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
43	100	142837		
86	13.6		10.6	15.8

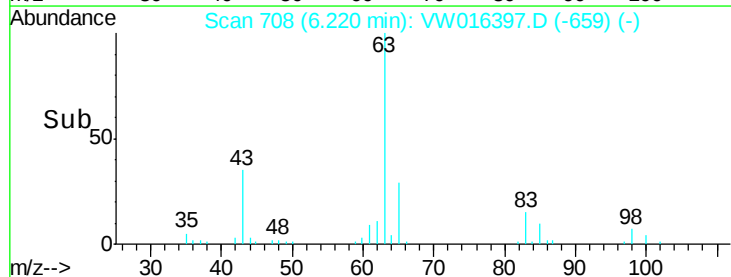
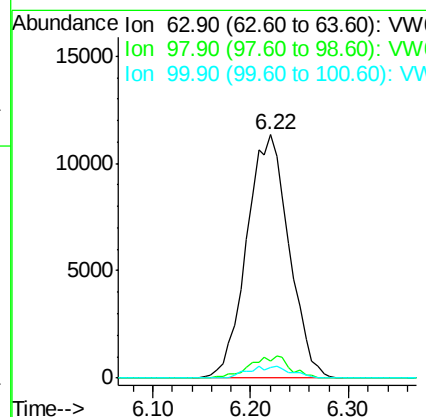
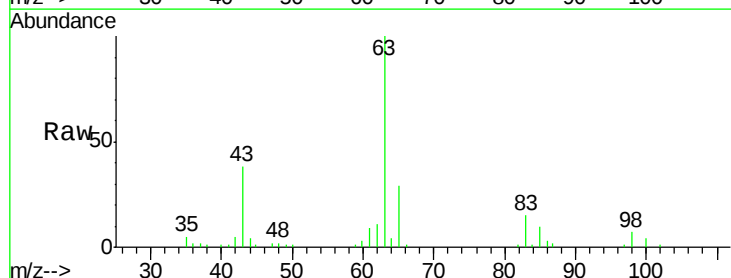
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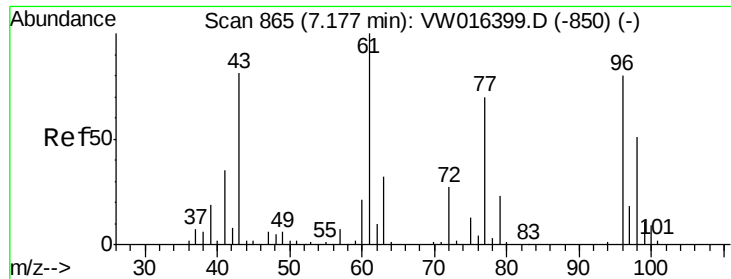
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#24
 1,1-Dichloroethane
 Concen: 9.427 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	34186		
98	7.1		3.8	11.2
100	4.2		2.5	7.5





#25

2-Butanone

Concen: 51.439 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 23804

Ion Ratio Lower Upper

43 100

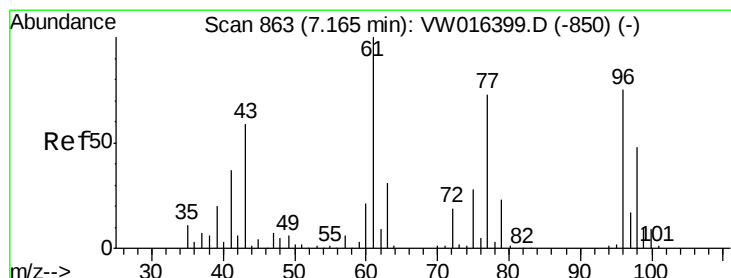
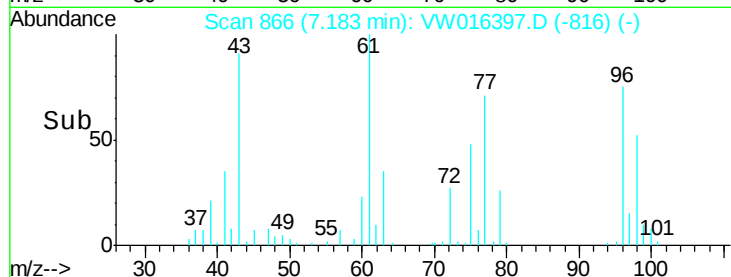
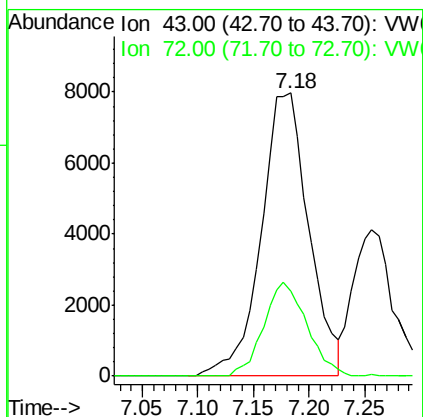
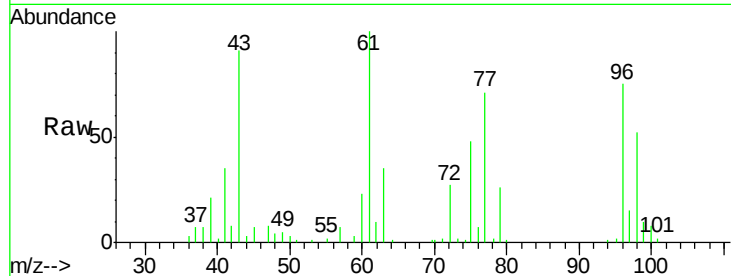
72 29.9 26.7 40.1

Manual Integrations

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8/31/2020 11:59:26 AM



#26

2,2-Dichloropropane

Concen: 11.817 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW016397.D

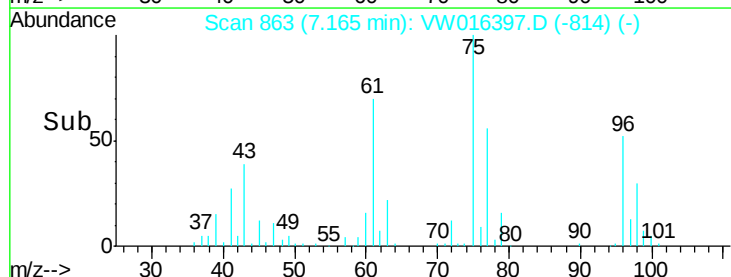
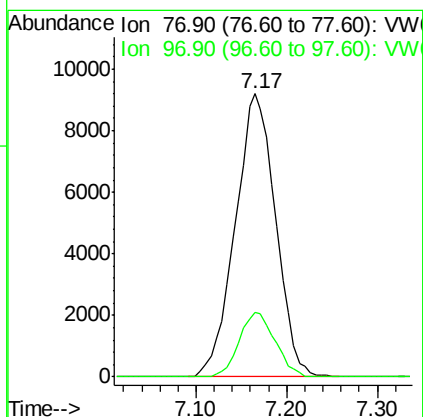
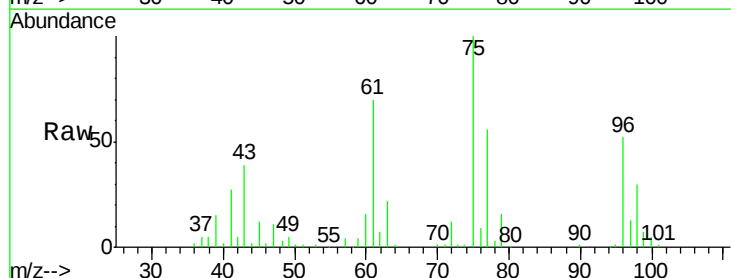
Acq: 28 Aug 2020 12:57

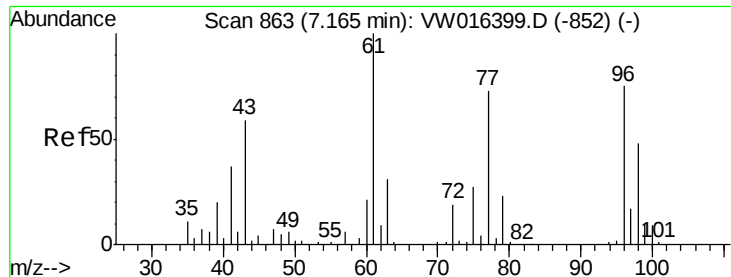
Tgt Ion: 77 Resp: 28344

Ion Ratio Lower Upper

77 100

97 20.1 11.7 35.0





#27

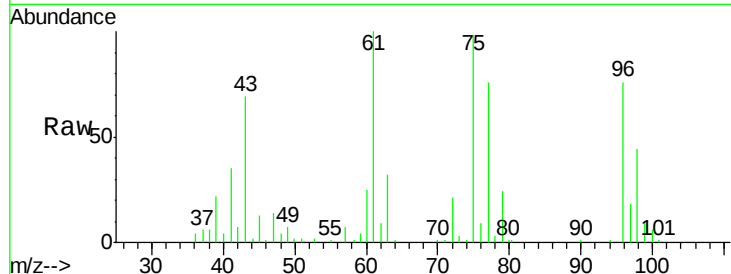
cis-1,2-Dichloroethene
Concen: 9.648 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

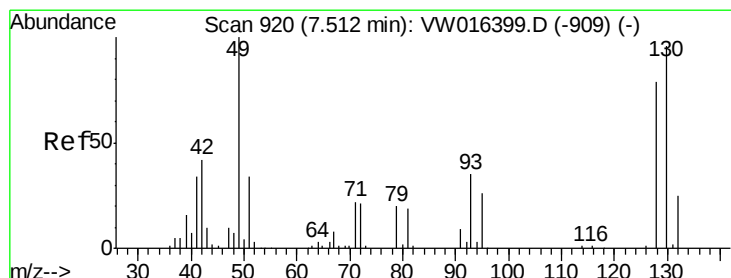
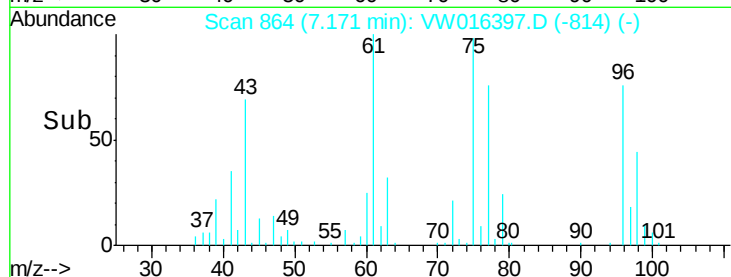
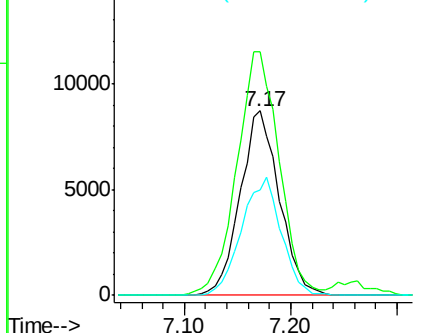
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	268.6
98	64.5	0.0	130.0

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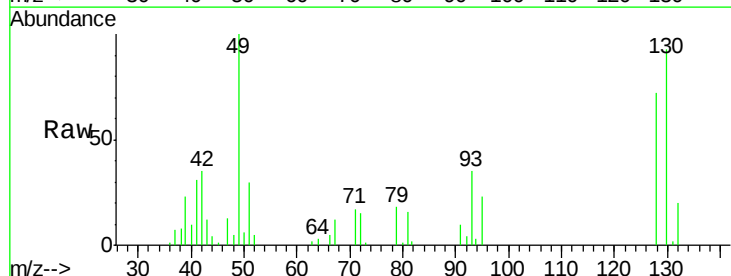
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



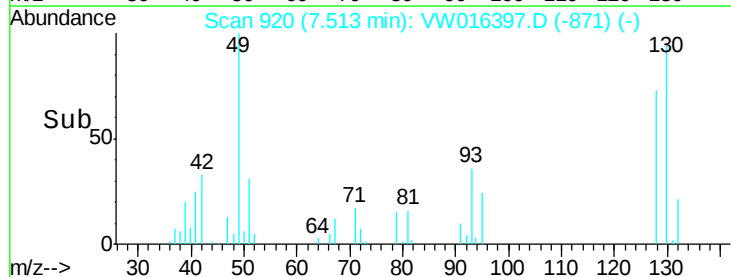
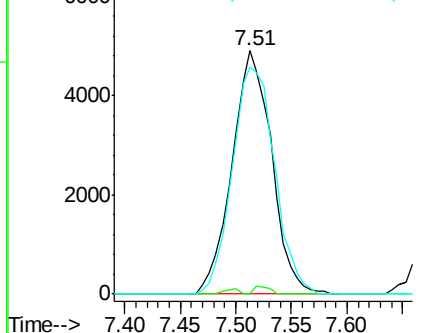
#28

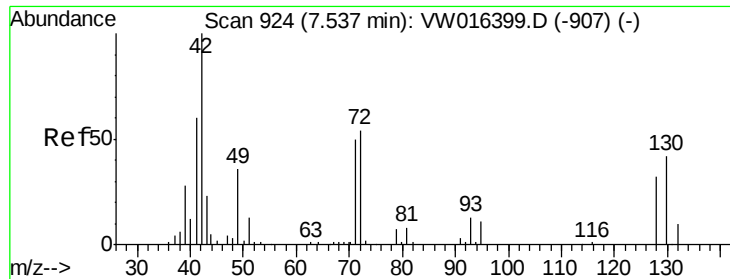
Bromochloromethane
Concen: 8.972 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	1.8
130	99.3	80.8	121.2



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





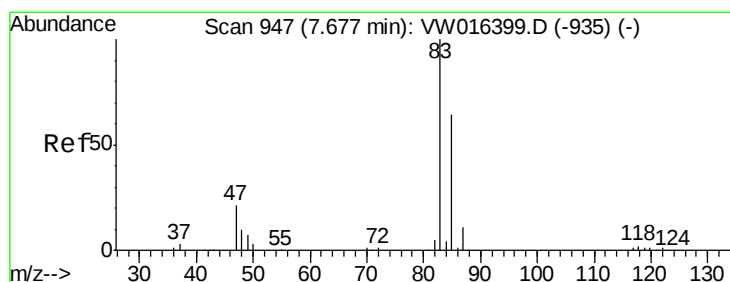
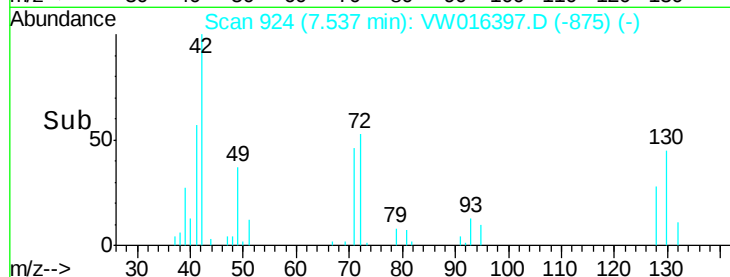
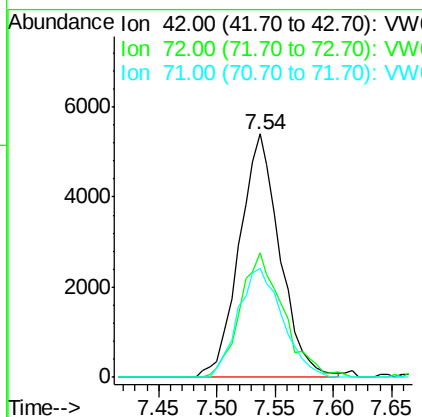
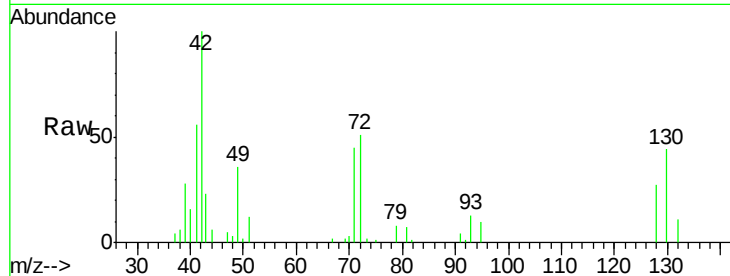
#29
Tetrahydrofuran
Concen: 47.070 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.6	42.3	63.5
71	49.0	39.5	59.3

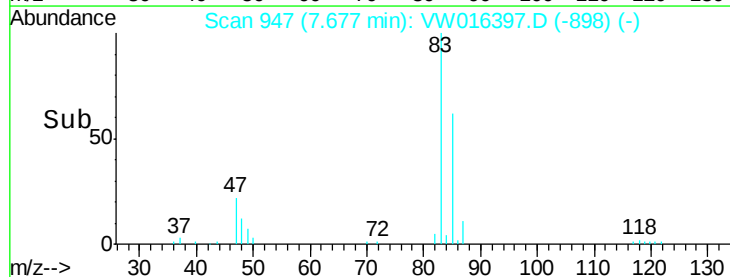
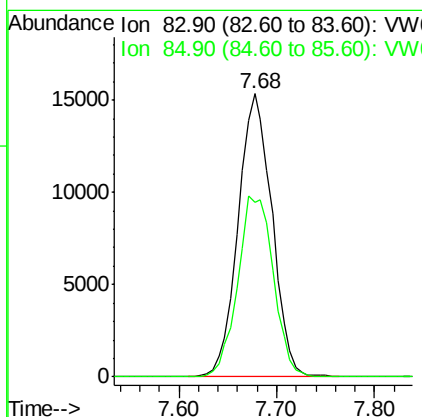
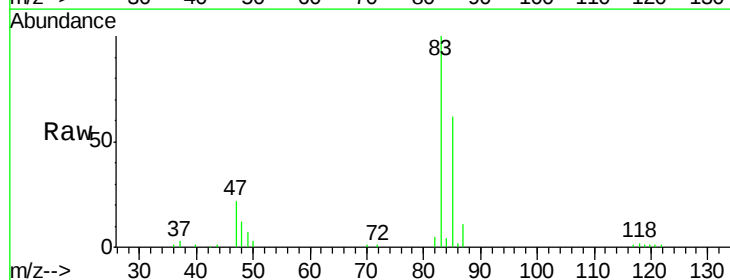
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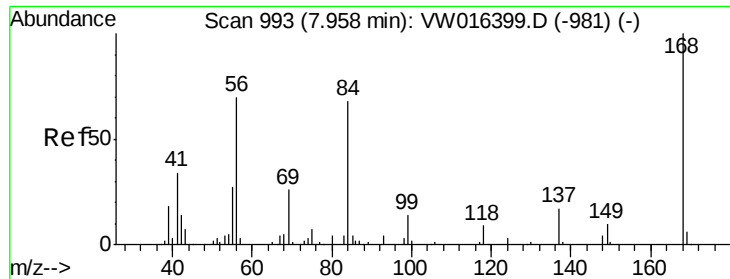
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8/31/2020 11:59:26 AM



#30
Chloroform
Concen: 9.648 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.6	77.4





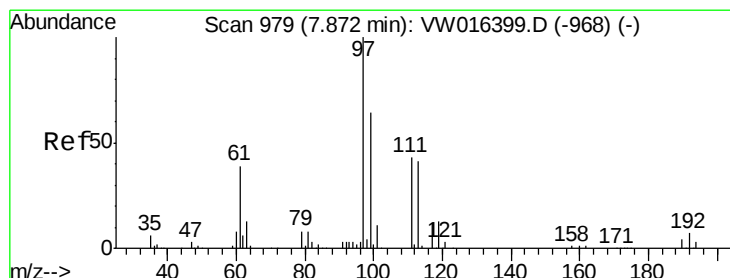
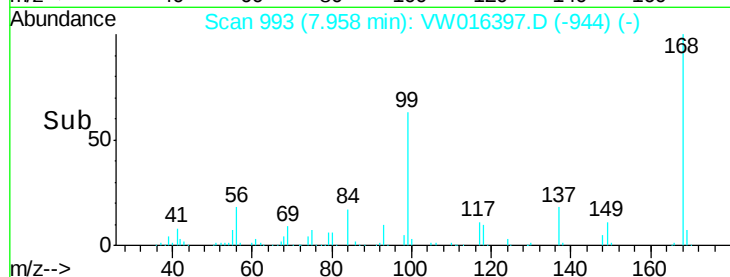
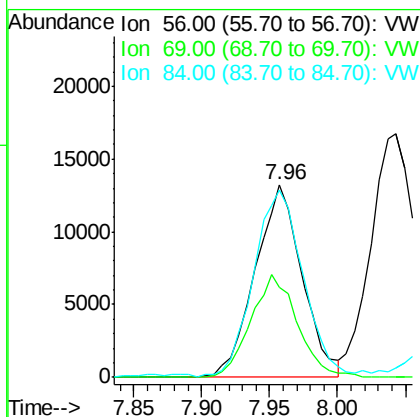
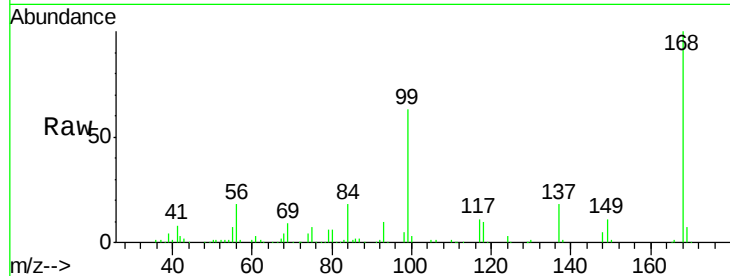
#31
Cyclohexane
Concen: 9.604 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	56	69	84
Ion	100	47.0	95.8
Ratio			
Lower	30.0	77.4	
Upper	45.0#	116.2	

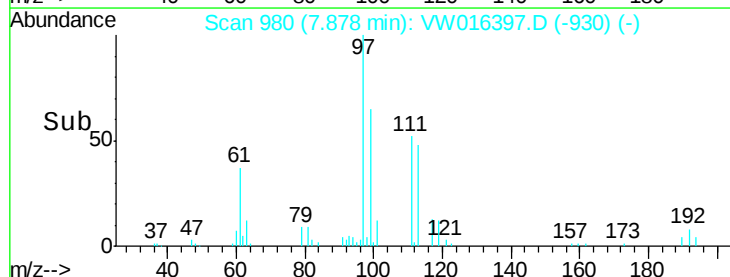
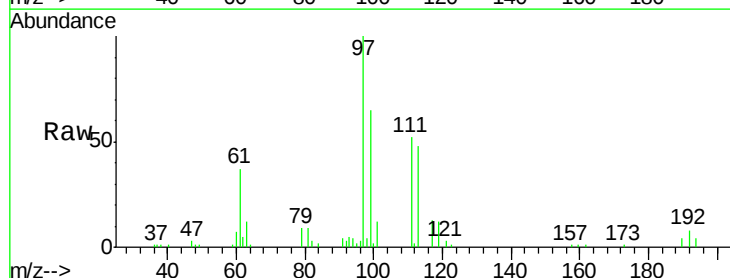
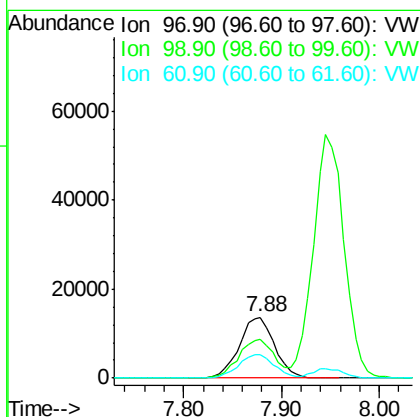
Manual Integrations
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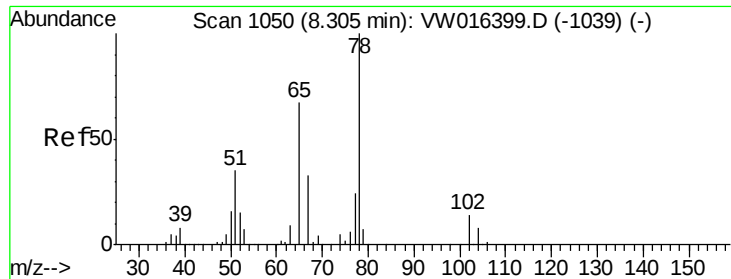
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#32
1,1,1-Trichloroethane
Concen: 10.496 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	97	99	61
Ion	100	66.3	39.4
Ratio			
Lower	52.0	31.0	
Upper	78.0	46.6	





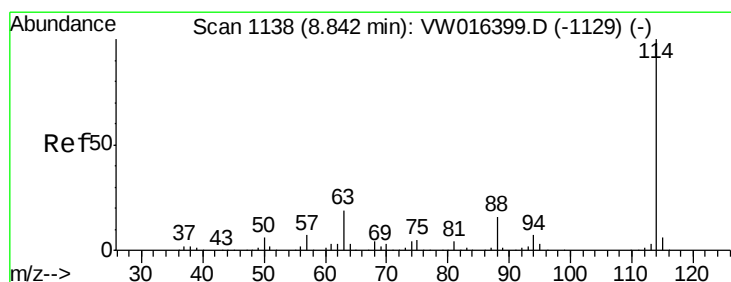
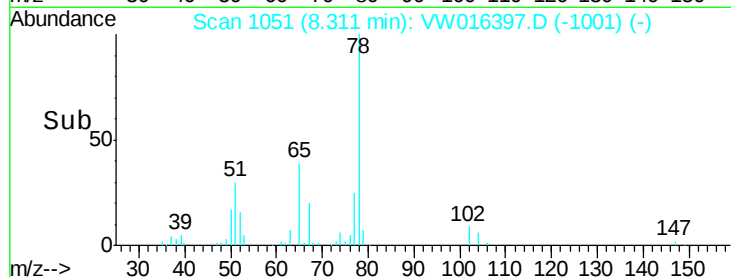
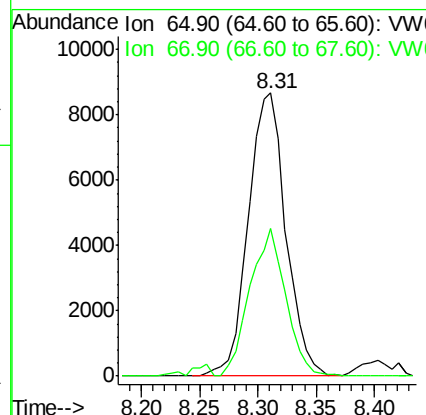
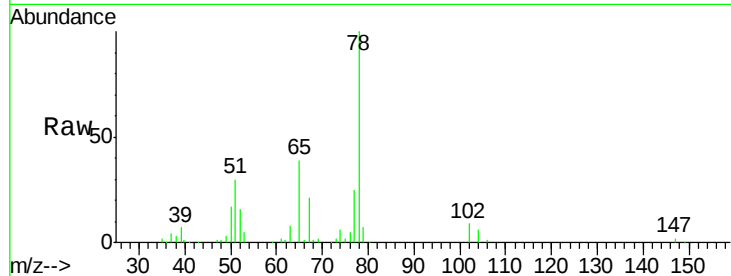
#33
 1,2-Dichloroethane-d4
 Concen: 10.505 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	19453		
67	50.0	0.0	100.2	

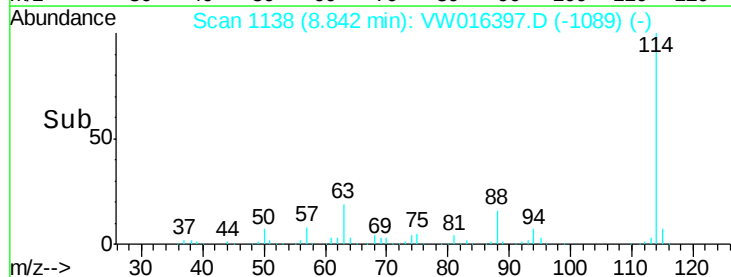
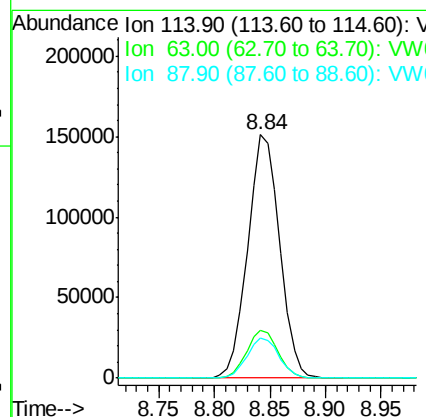
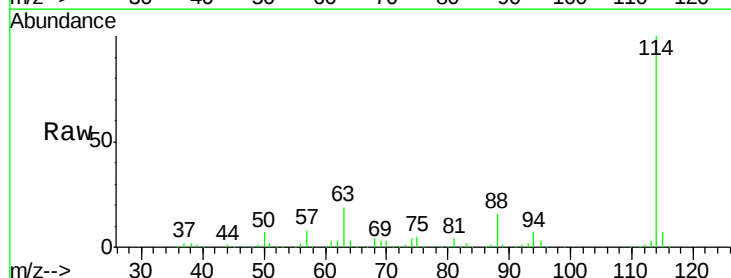
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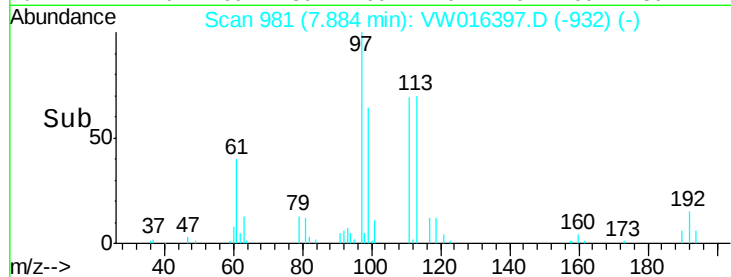
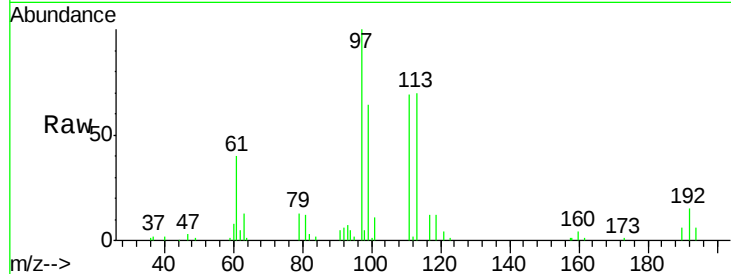
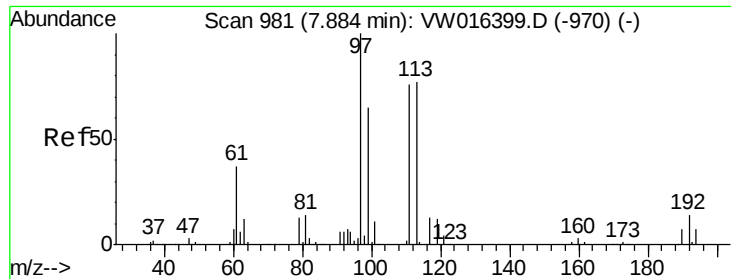
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	301541		
63	19.5	0.0	37.8	
88	16.2	0.0	31.2	





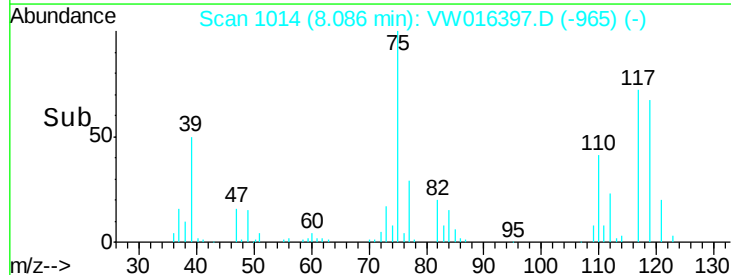
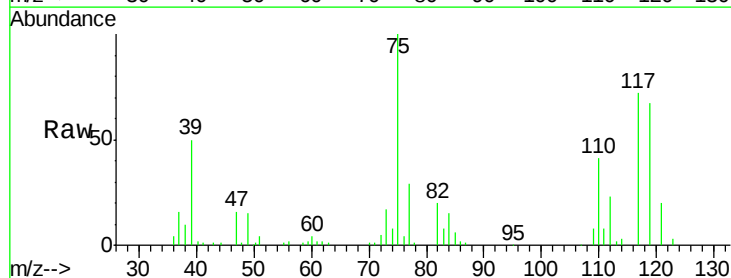
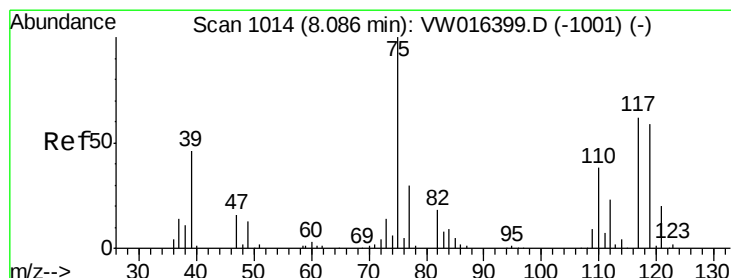
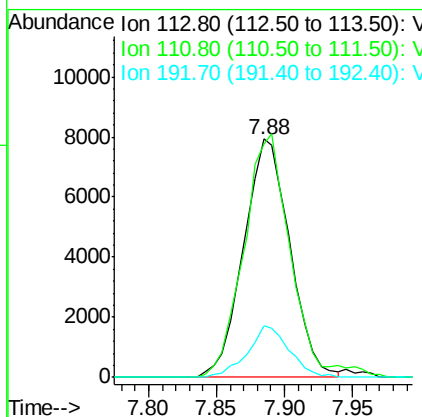
#35
Dibromofluoromethane
Concen: 10.217 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tot Ion	Ratio	Resp	Lower	Upper
113	100	18905		
111	100.3	82.1	123.1	
192	19.4	15.5	23.3	

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

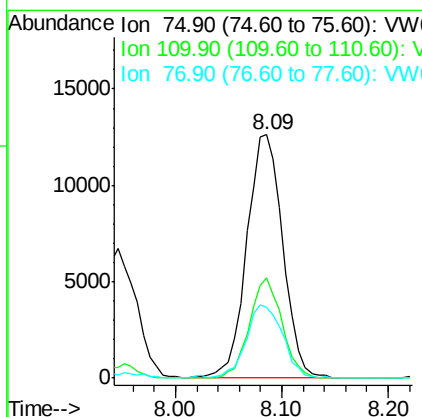
Manual Integrations
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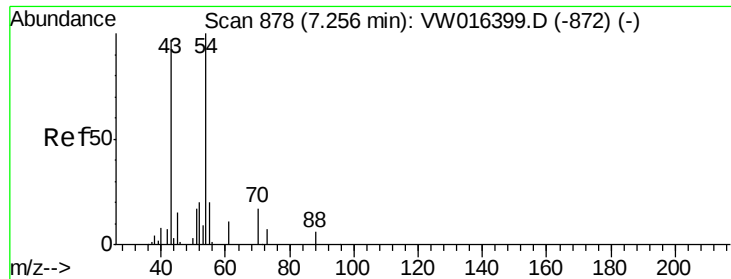
MMDadoda
8/31/2020 11:59:26 AM



#36
1,1-Dichloropropene
Concen: 10.074 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29928		
110	37.3	18.6	56.0	
77	30.5	25.1	37.7	





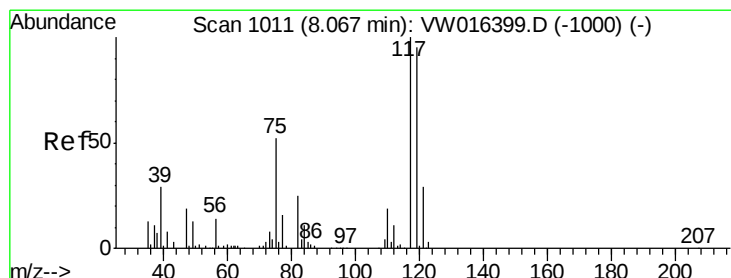
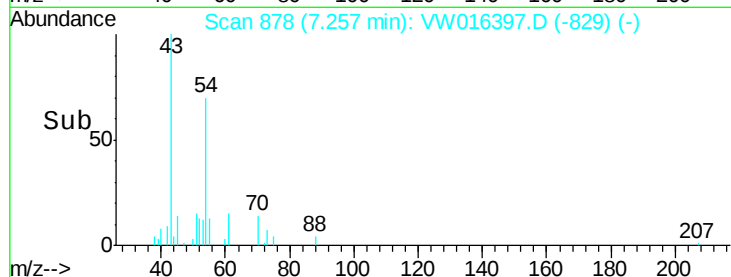
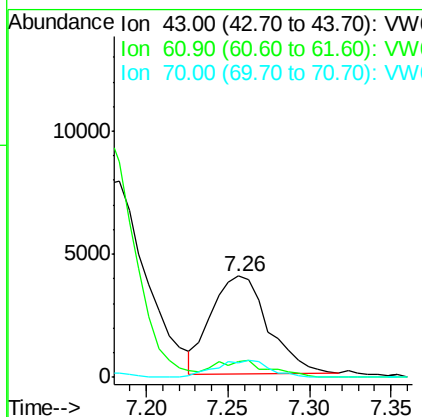
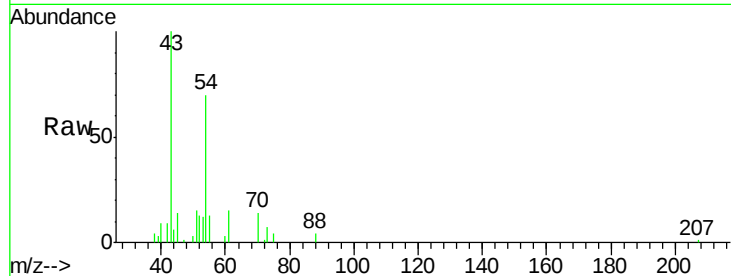
#37
Ethyl Acetate
Concen: 9.660 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.5	17.3
70	16.2	10.7	16.1#

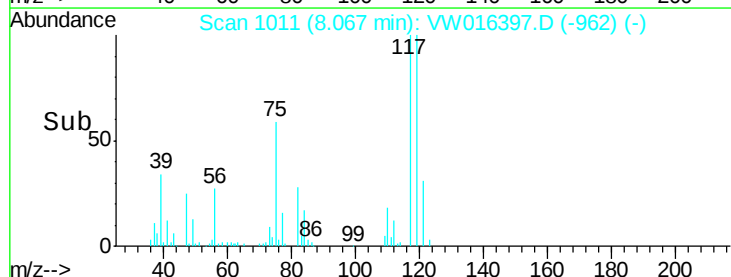
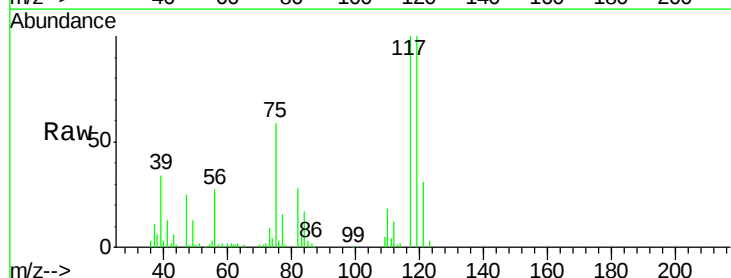
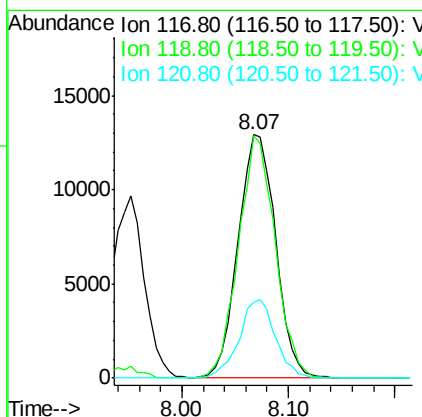
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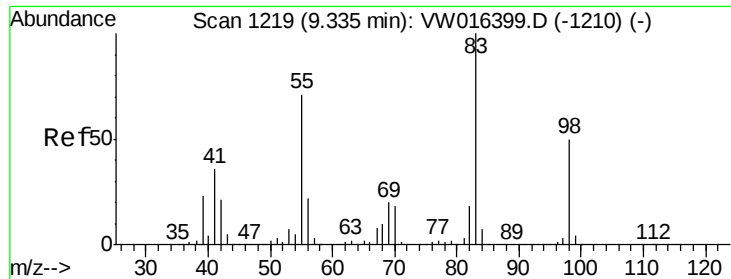
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#38
Carbon Tetrachloride
Concen: 10.667 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	76.3	114.5
121	31.3	23.0	34.6





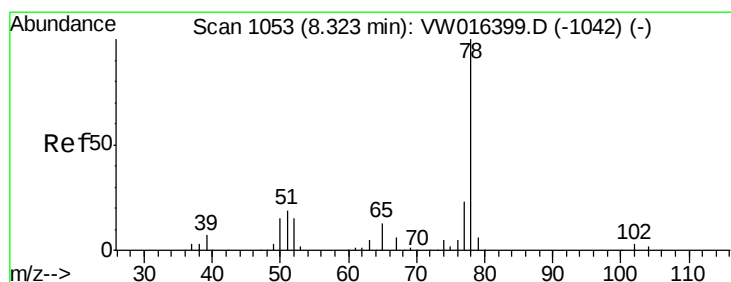
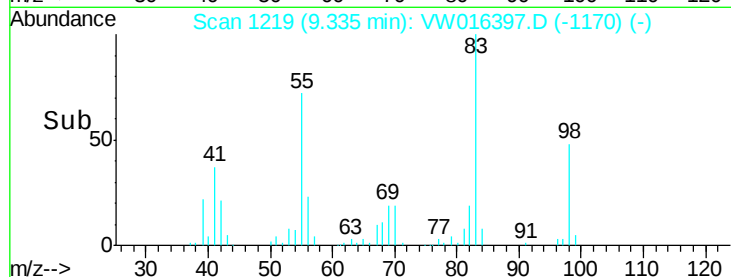
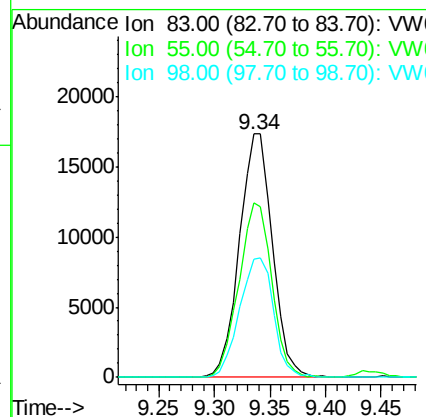
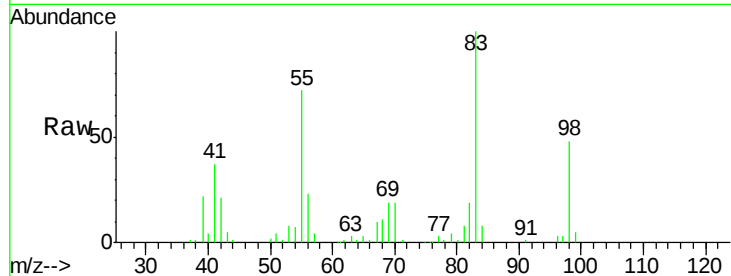
#39
Methvlcvclohexane
Concen: 9.956 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	83	Resp	35545
Ion Ratio	Lower	Upper	
83	100		
55	71.5	57.0	85.6
98	48.4	39.9	59.9

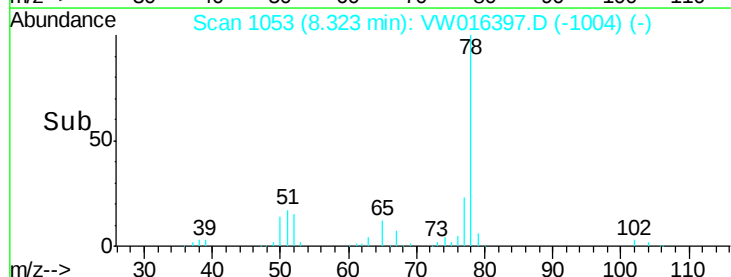
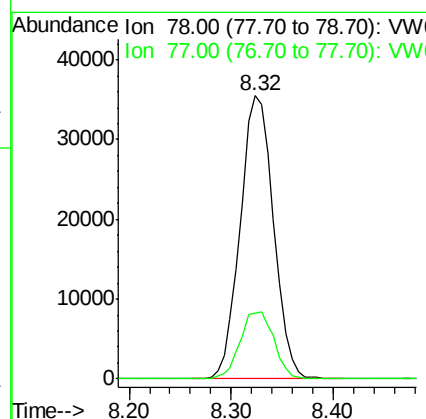
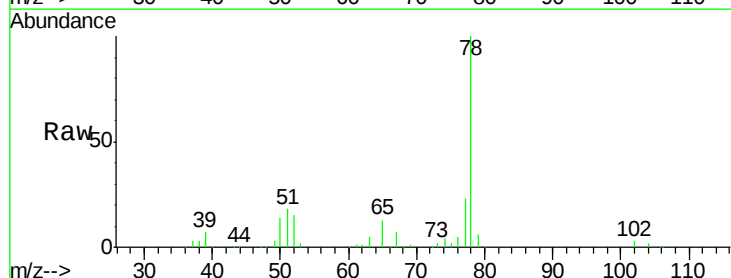
Manual Integrations
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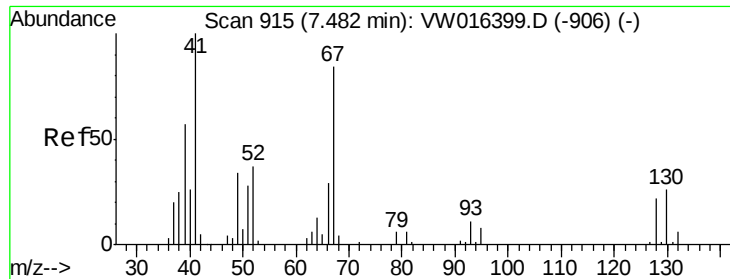
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#40
Benzene
Concen: 9.683 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	78	Resp	80430
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.6	27.8





#41

Methacrylonitrile

Concen: 10.468 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Instrument :

MSVOA_W

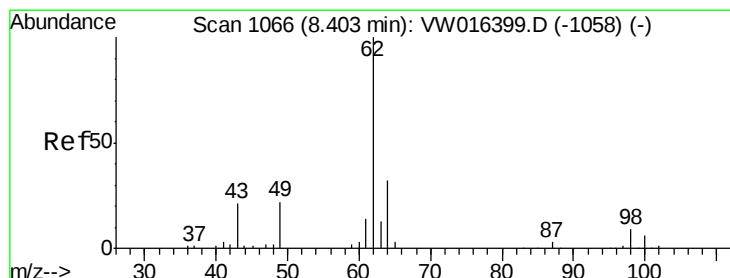
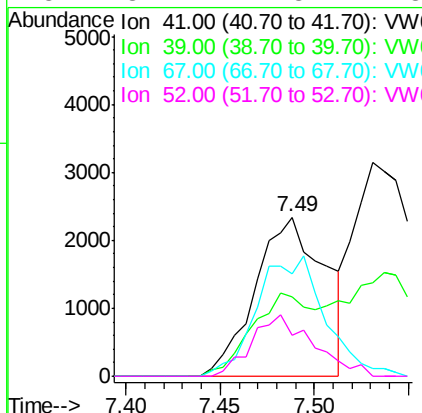
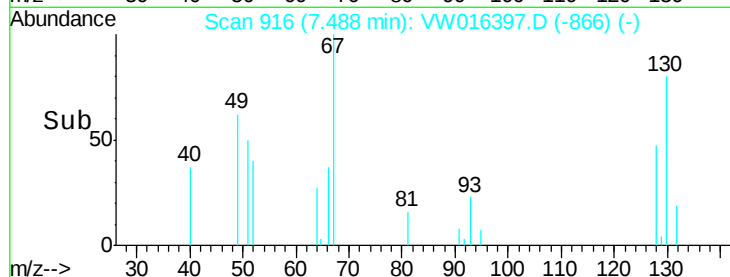
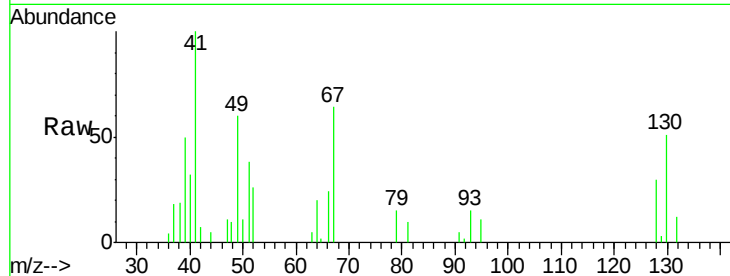
ClientSampled :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	44.9	45.4	68.2#
67	73.9	65.8	98.6
52	34.2	27.8	41.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 10.886 ug/l

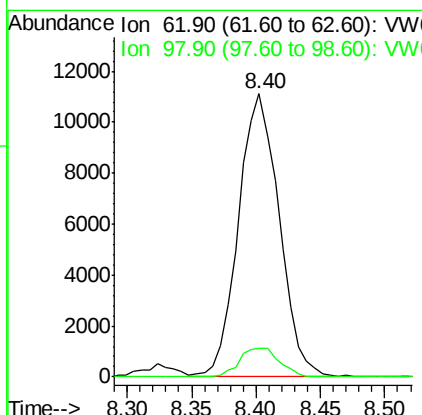
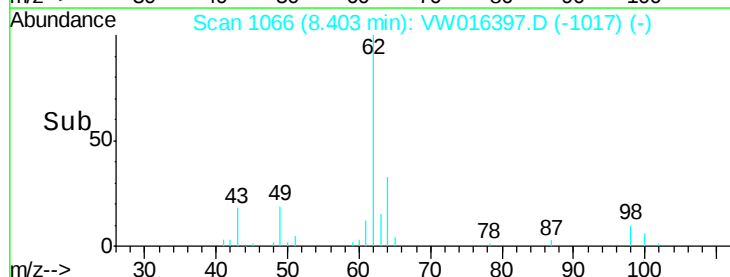
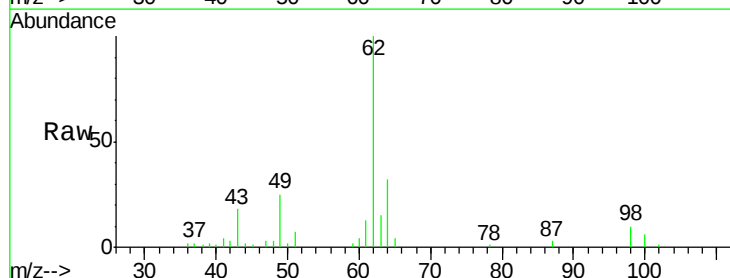
RT: 8.40 min Scan# 1066

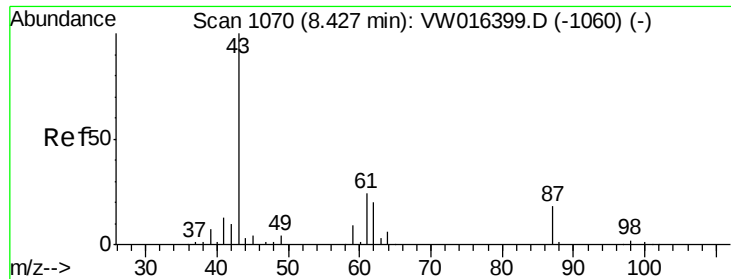
Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 10.445 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Instrument :

MSVOA_W

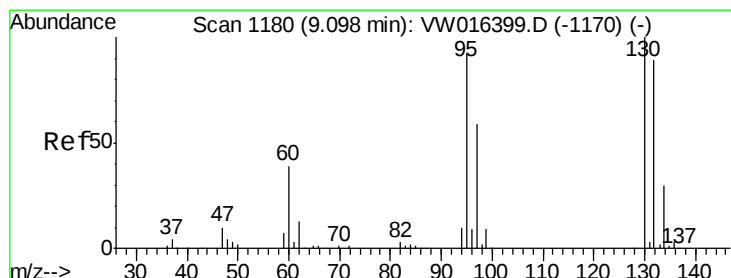
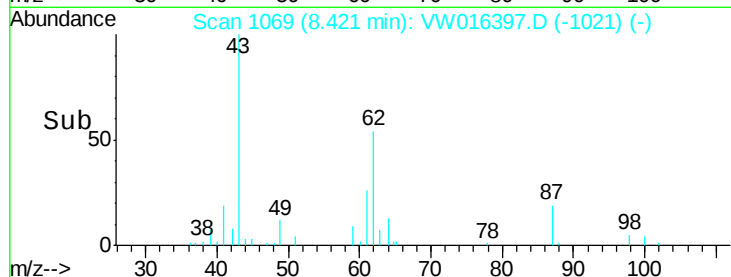
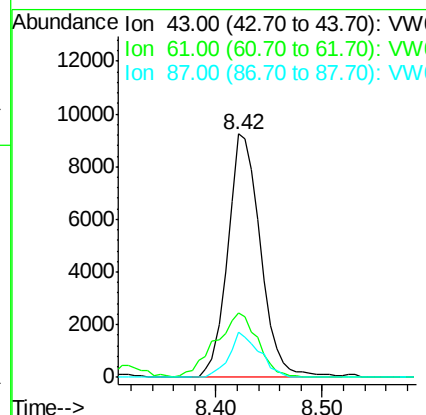
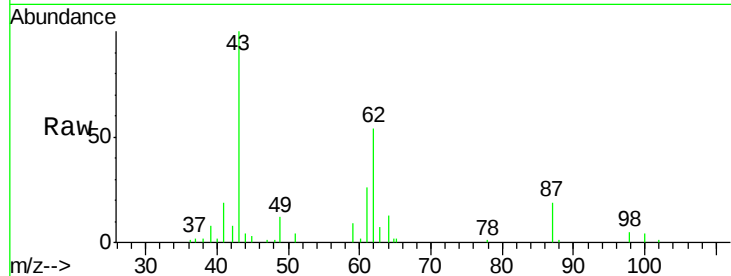
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	19934
Ion	Ratio	Lower	Upper
43	100		
61	34.0	27.5	41.3
87	16.9	13.5	20.3

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#44

Trichloroethene

Concen: 10.058 ug/l

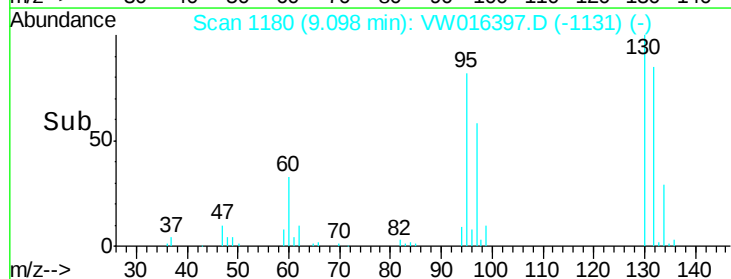
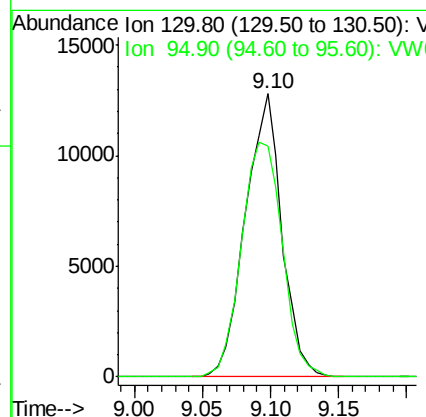
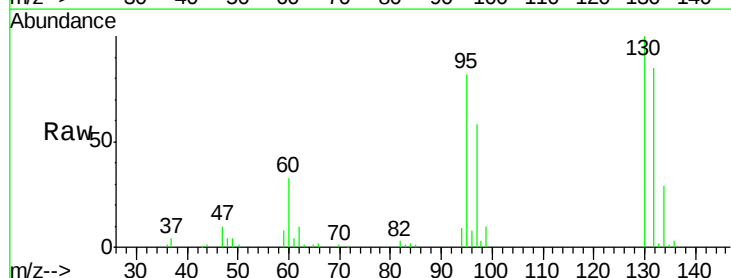
RT: 9.10 min Scan# 1180

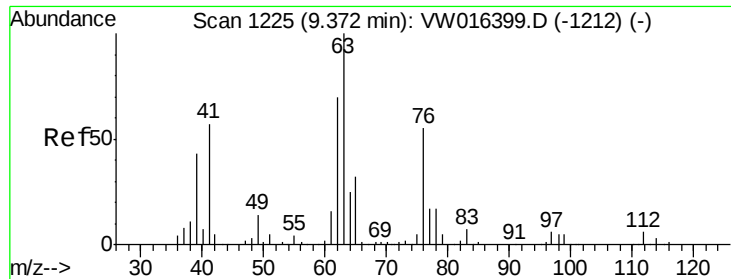
Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Tgt Ion:	130	Resp:	23929
Ion	Ratio	Lower	Upper
130	100		
95	81.6	0.0	183.4





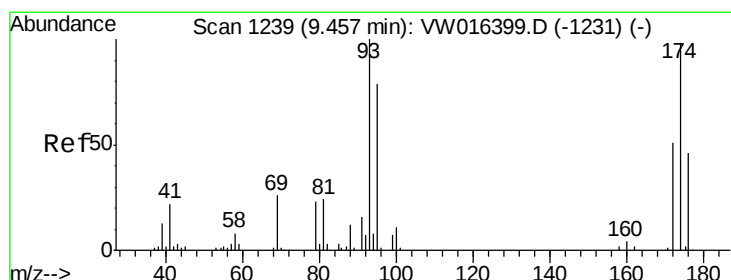
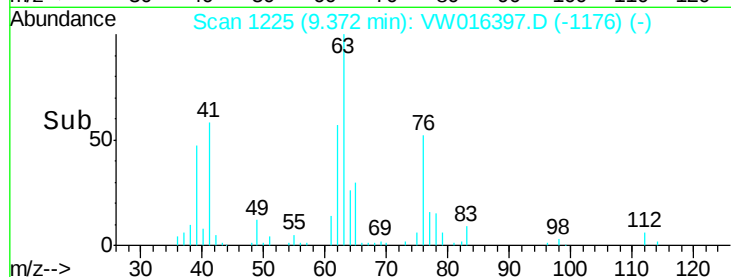
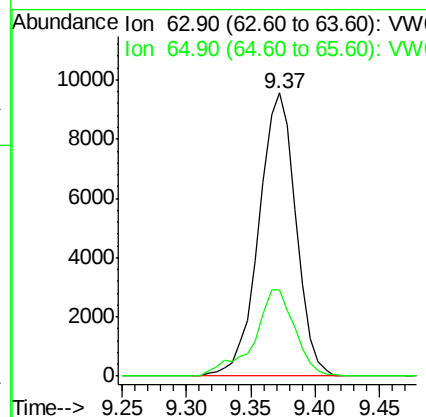
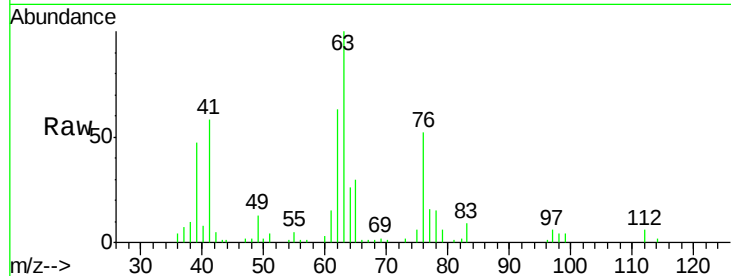
#45
 1,2-Dichloropropane
 Concen: 9.774 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.4	38.0

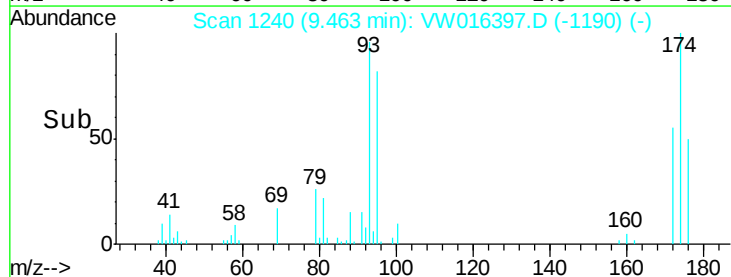
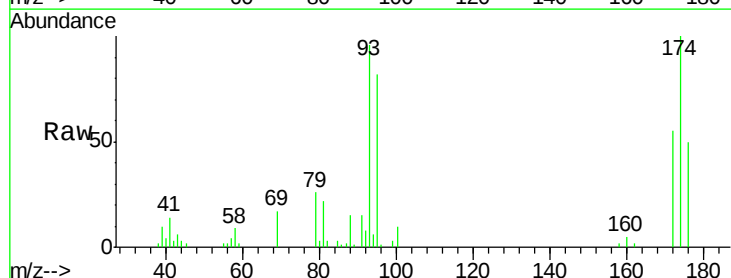
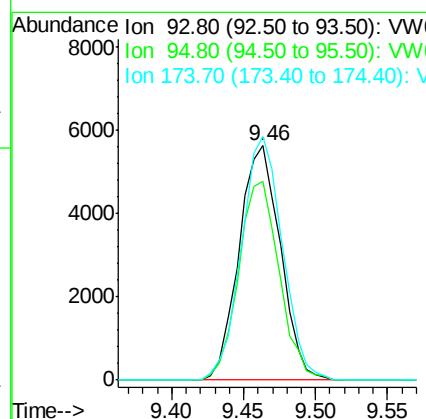
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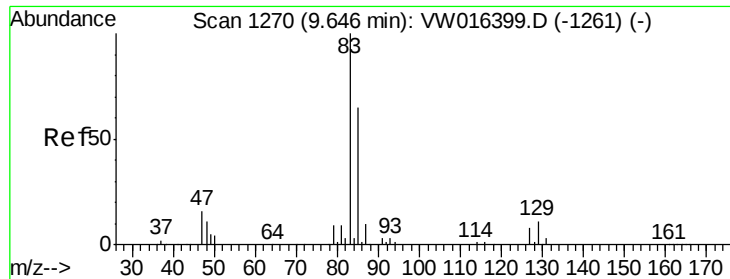
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#46
 Dibromomethane
 Concen: 10.760 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.3	97.9
174	103.2	80.1	120.1





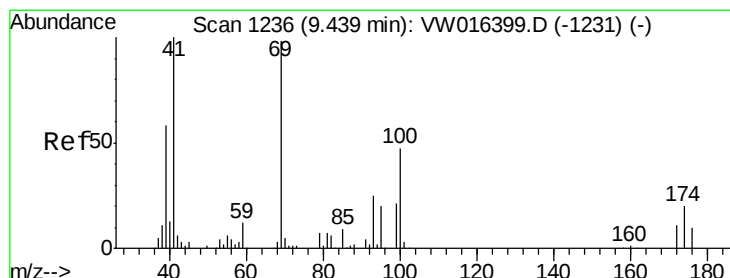
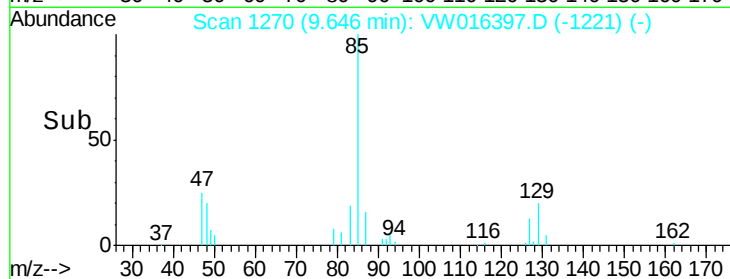
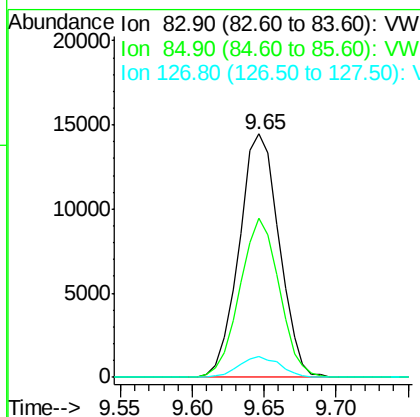
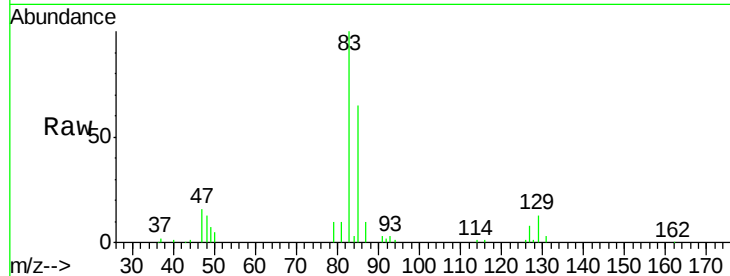
#47
Bromodichloromethane
Concen: 10.332 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	83	Resp	27885
Ion Ratio	100	Lower	Upper
83	100		
85	65.2	52.2	78.2
127	8.4	6.8	10.2

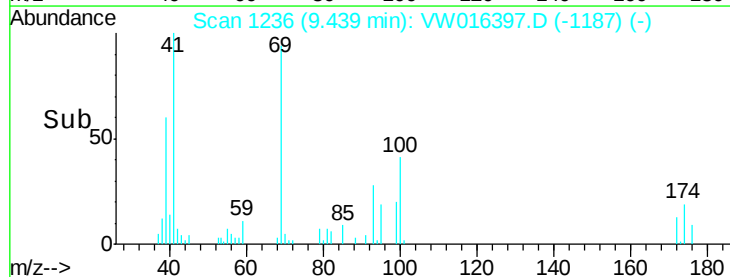
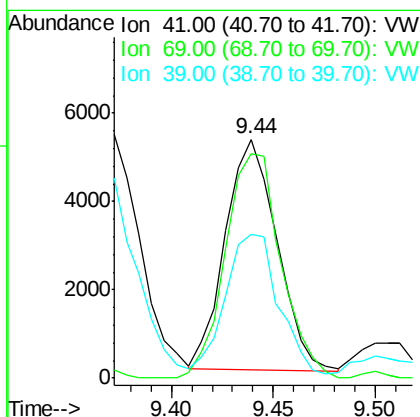
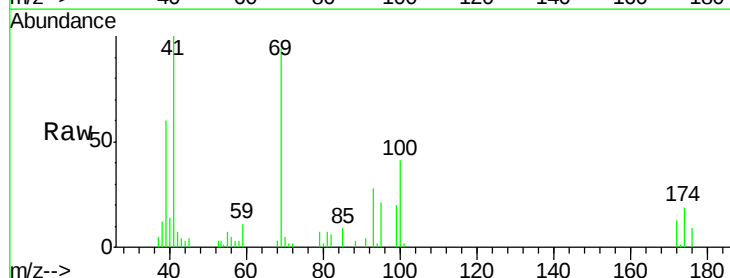
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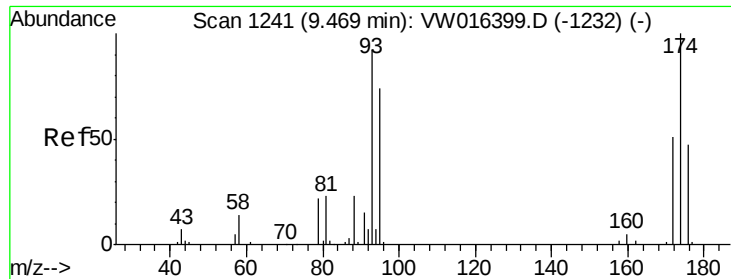
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#48
Methyl methacrylate
Concen: 10.415 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	41	Resp	9215
Ion Ratio	100	Lower	Upper
41	100		
69	104.4	83.5	125.3
39	65.7	48.7	73.1





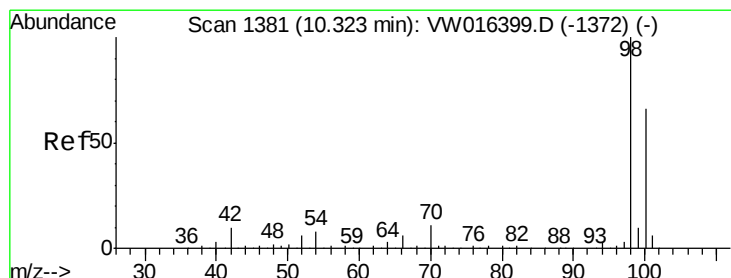
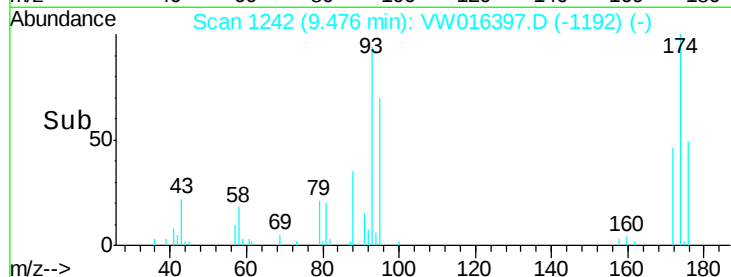
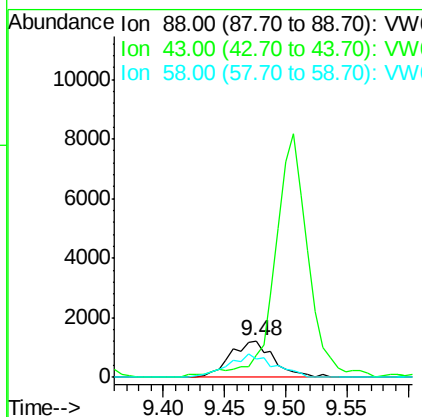
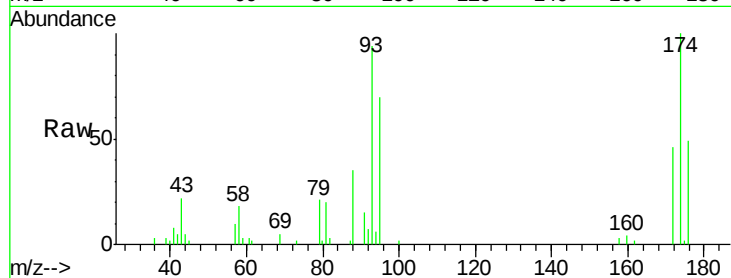
#49
1,4-Dioxane
Concen: 230.222 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	67.9	53.5	80.3

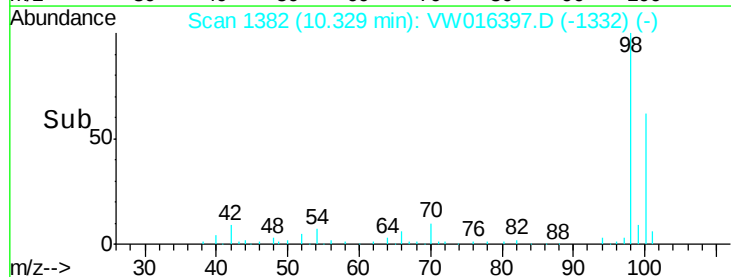
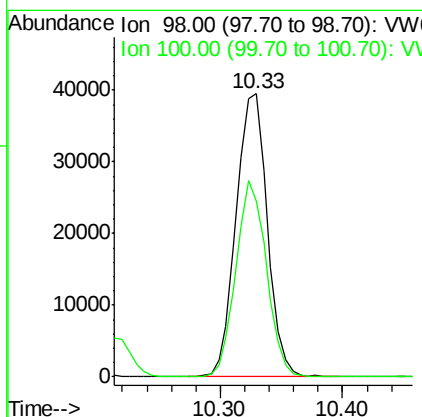
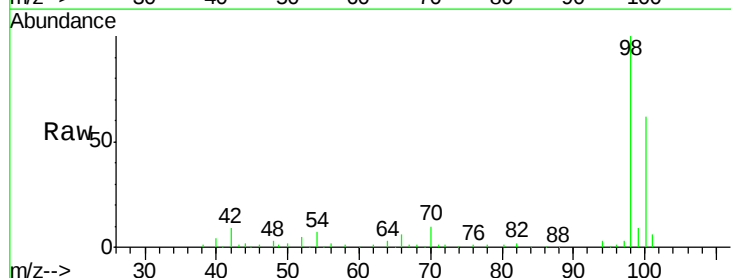
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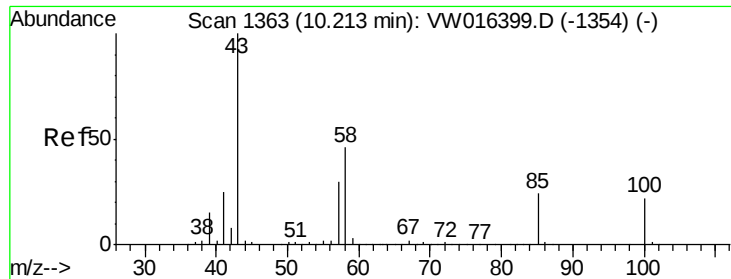
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#50
Toluene-d8
Concen: 9.827 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 52.471 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 50293

Ion Ratio Lower Upper

43 100

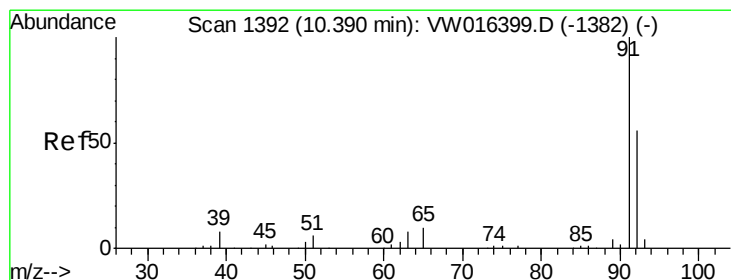
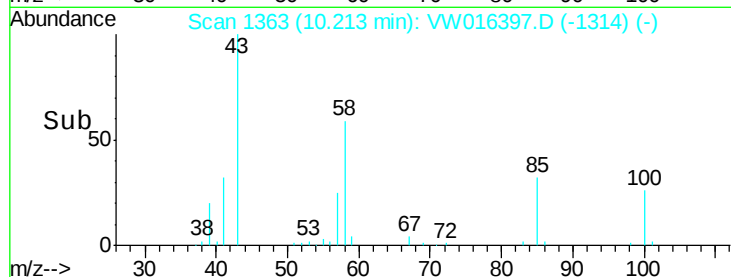
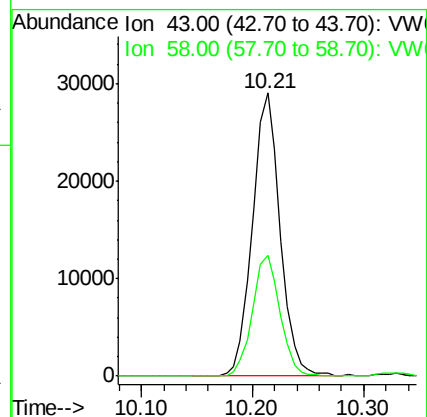
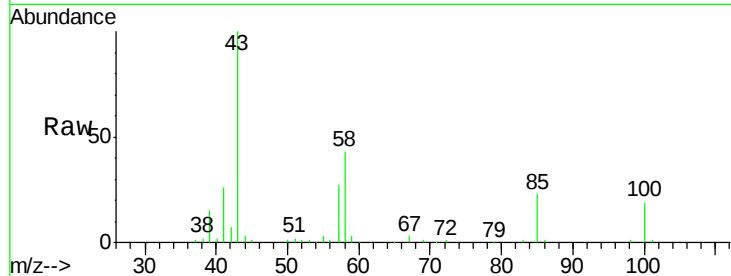
58 42.7 35.4 53.0

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#52

Toluene

Concen: 10.072 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016397.D

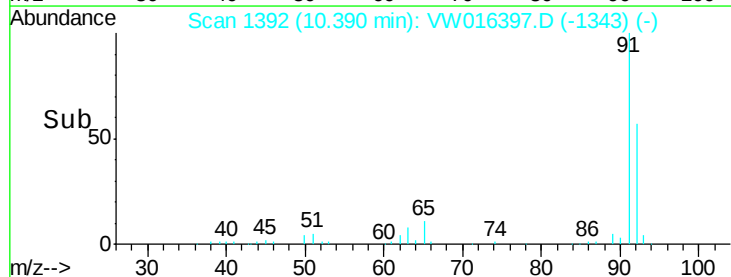
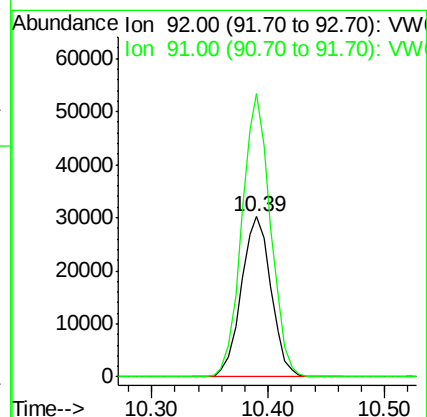
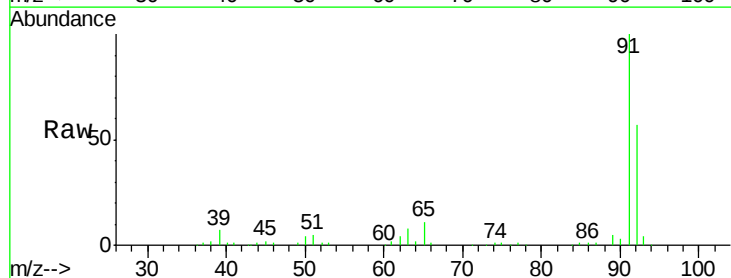
Acq: 28 Aug 2020 12:57

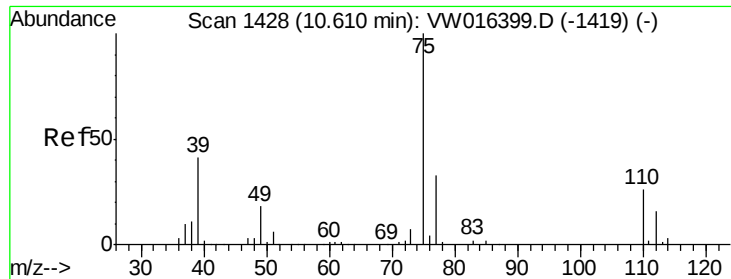
Tgt Ion: 92 Resp: 53703

Ion Ratio Lower Upper

92 100

91 170.3 137.1 205.7





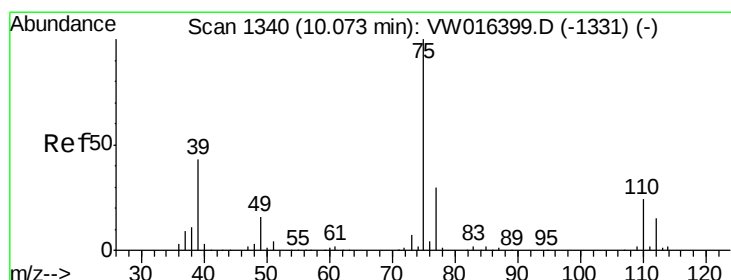
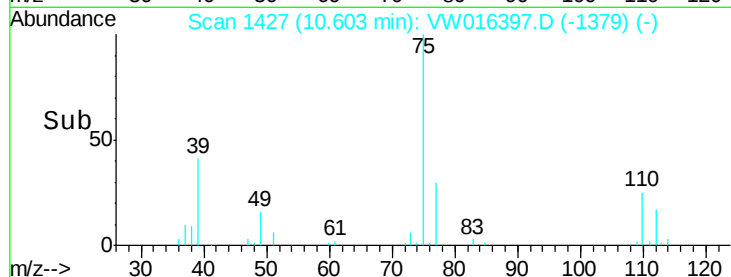
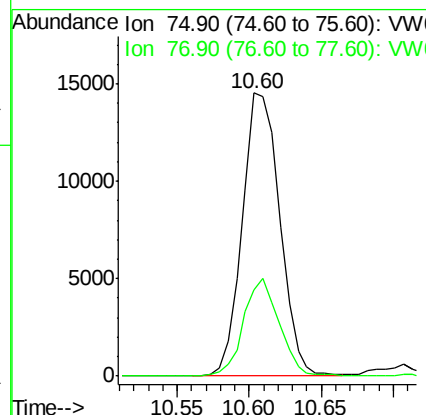
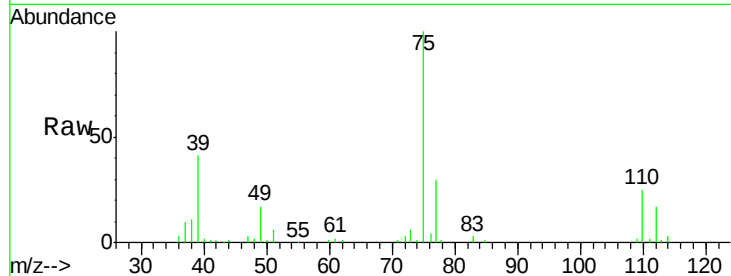
#53
 t-1,3-Dichloropropene
 Concen: 10.480 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.1	39.1

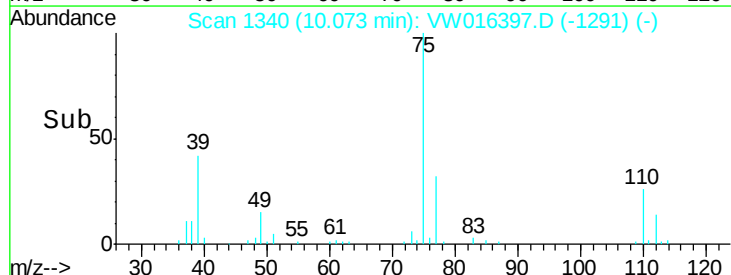
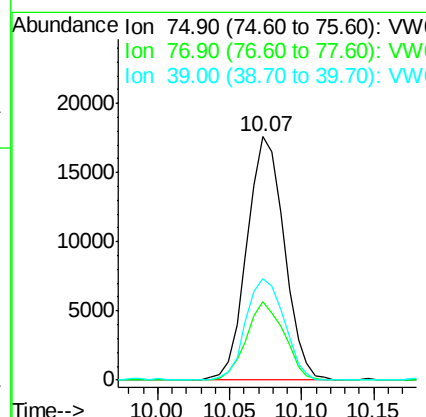
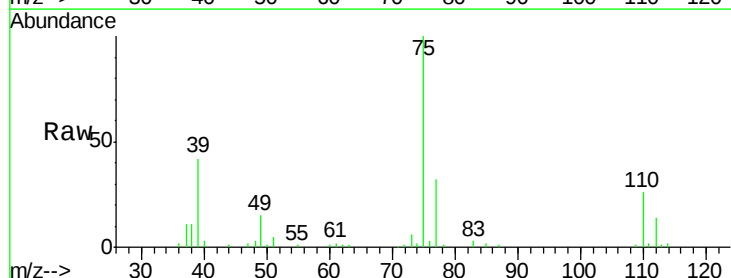
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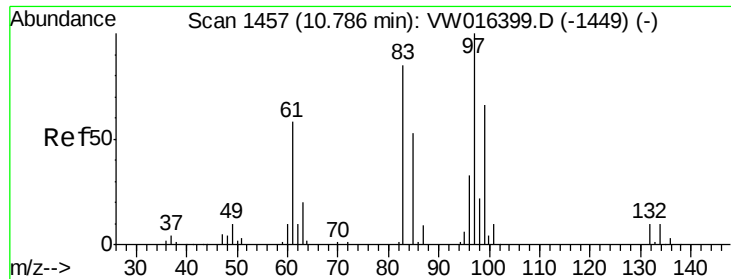
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#54
 cis-1,3-Dichloropropene
 Concen: 10.244 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.4	36.6
39	42.0	34.6	51.8





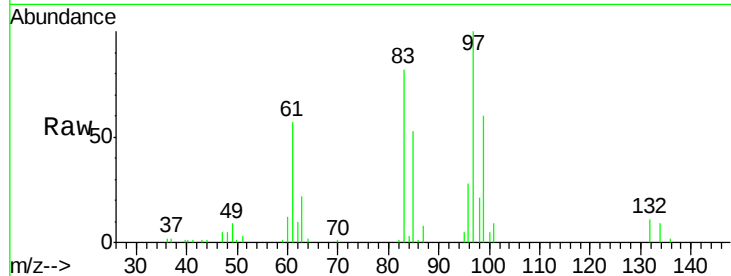
#55
 1,1,2-Trichloroethane
 Concen: 10.723 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

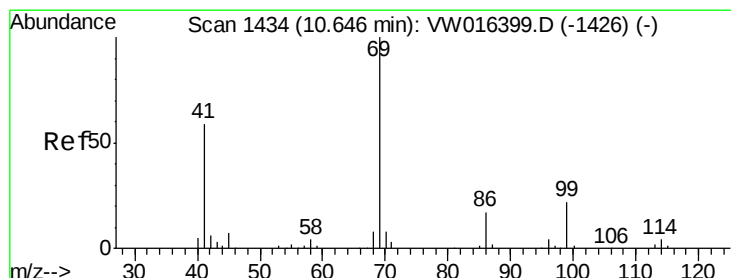
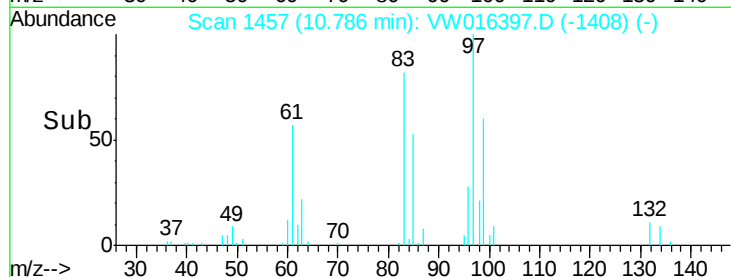
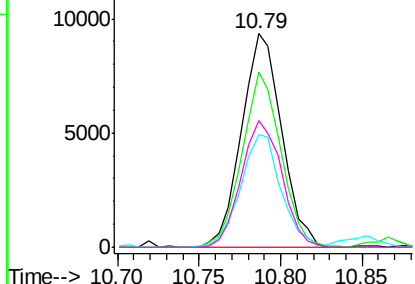
Tot Ion:	97	Resp:	16017
Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.0	102.0
85	52.9	42.2	63.2
99	59.6	52.6	78.8

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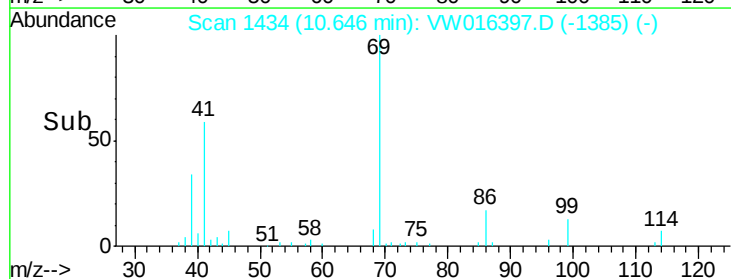
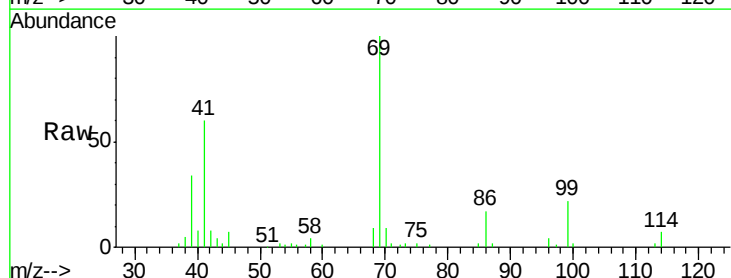
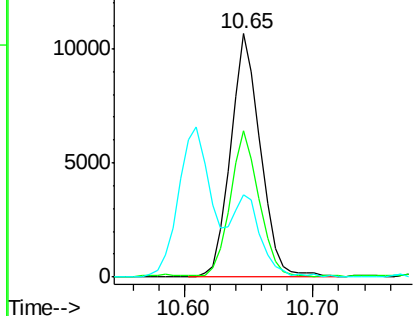
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

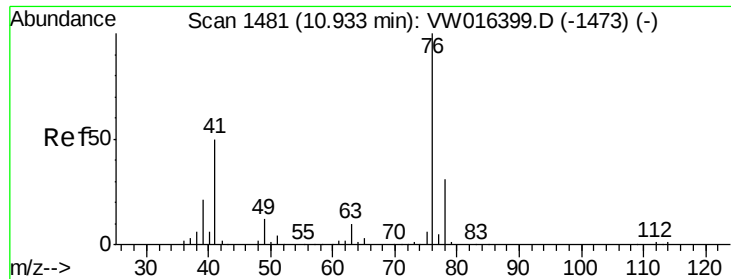


#56
 Ethyl methacrylate
 Concen: 10.169 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Tgt Ion:	69	Resp:	17180
Ion	Ratio	Lower	Upper
69	100		
41	58.6	46.5	69.7
39	29.9	26.2	39.2

Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





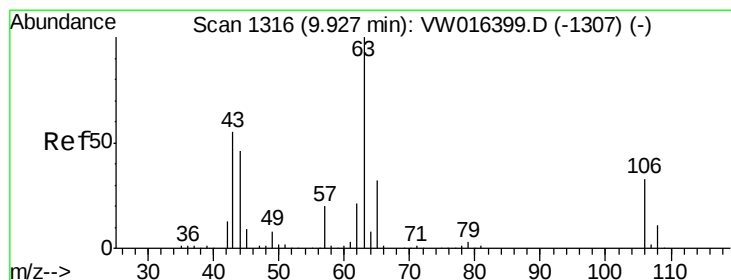
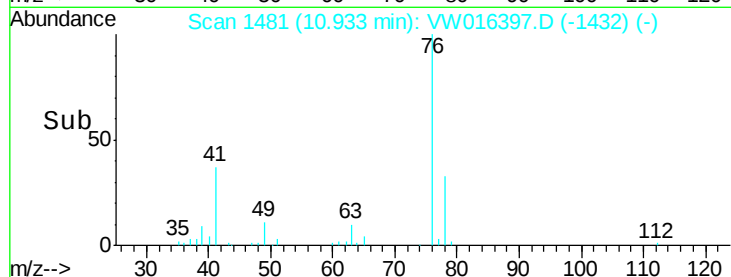
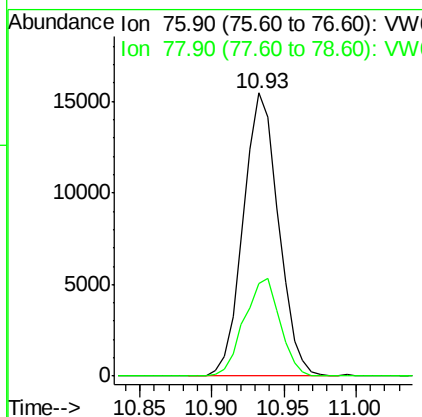
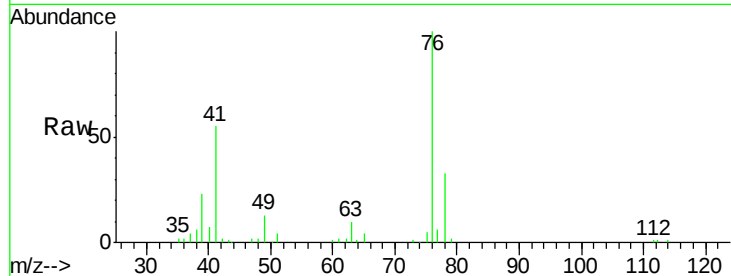
#57
 1,3-Dichloropropane
 Concen: 10.356 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 76 Resp: 26158
 Ion Ratio Lower Upper
 76 100
 78 34.9 26.1 39.1

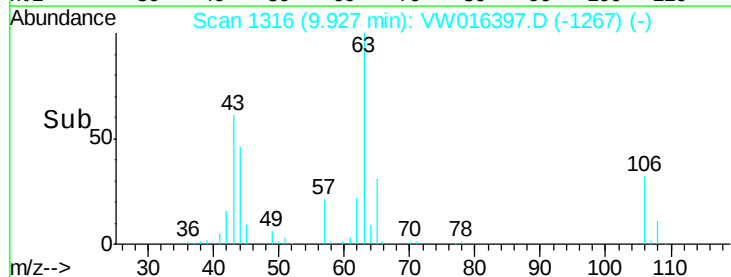
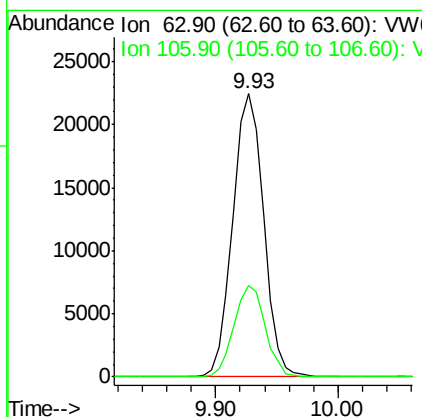
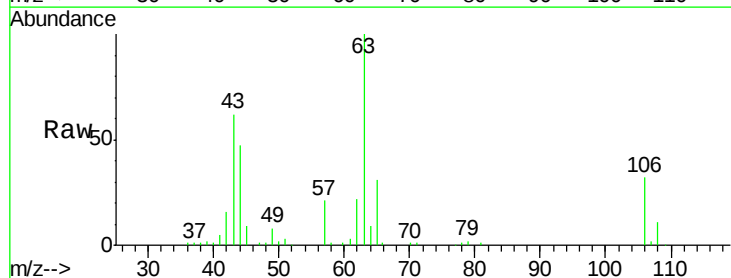
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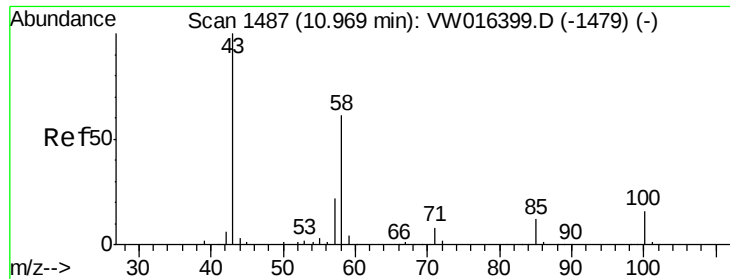
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#58
 2-Chloroethyl Vinyl ether
 Concen: 50.849 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Tgt Ion: 63 Resp: 39185
 Ion Ratio Lower Upper
 63 100
 106 32.5 26.6 40.0





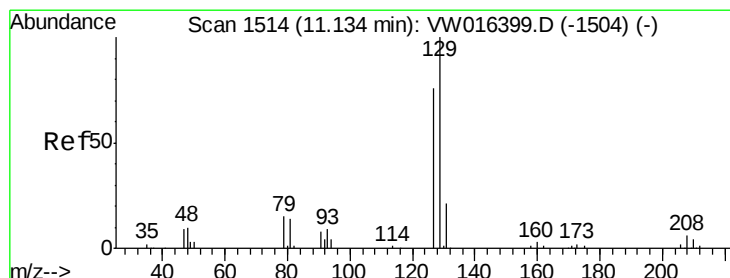
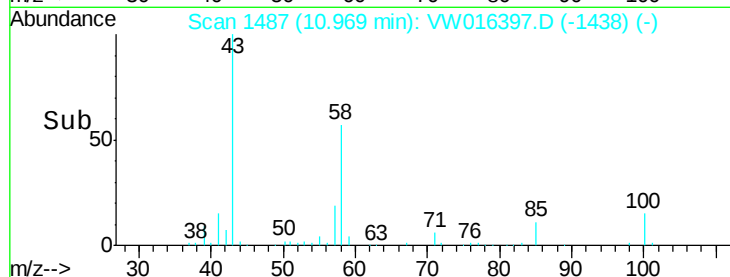
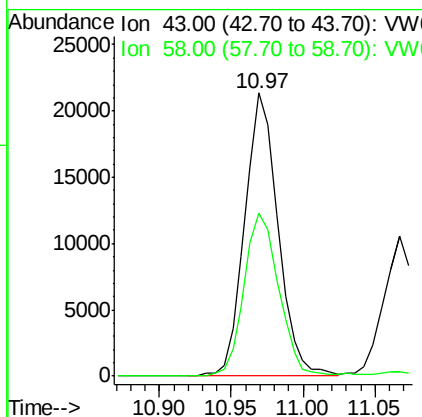
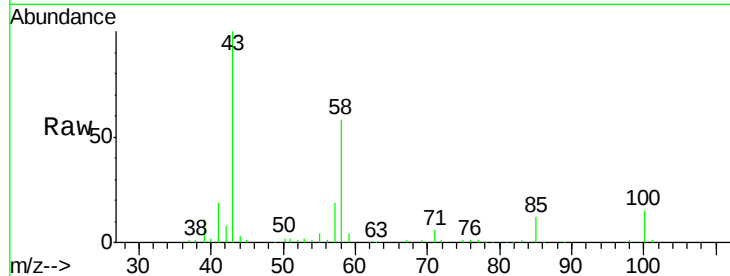
#59
2-Hexanone
Concen: 52.325 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 34183
Ion Ratio Lower Upper
43 100
58 60.0 29.7 89.1

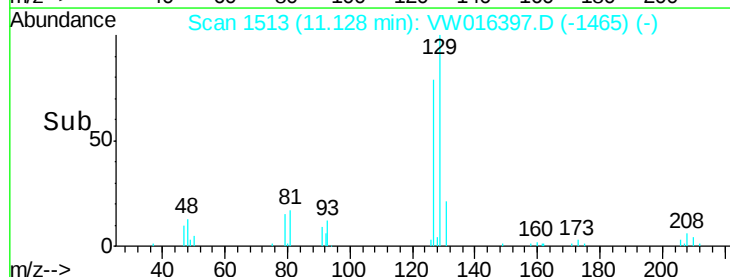
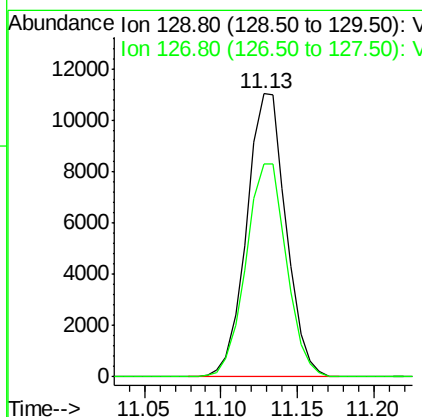
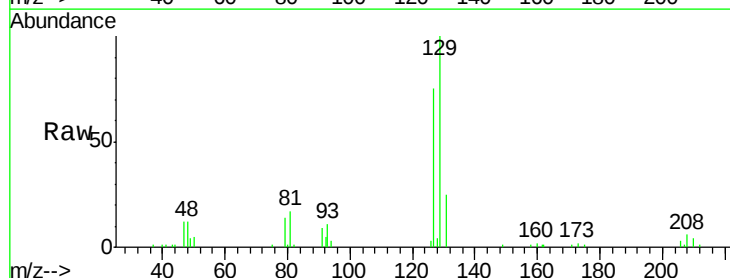
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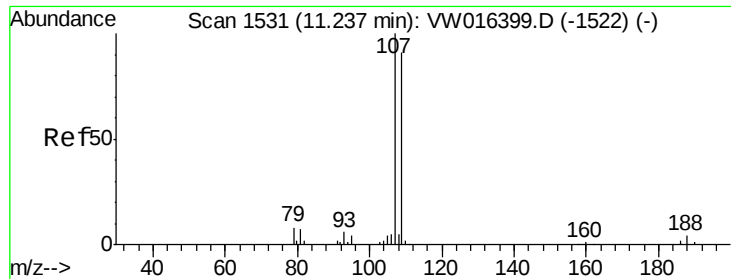
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#60
Dibromochloromethane
Concen: 10.976 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion: 129 Resp: 19740
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7





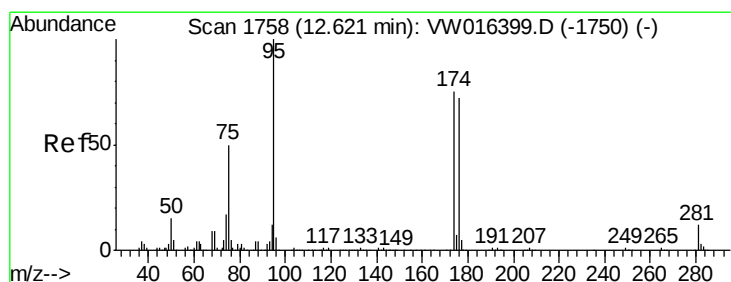
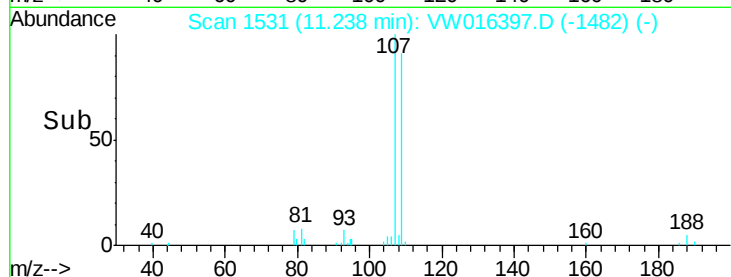
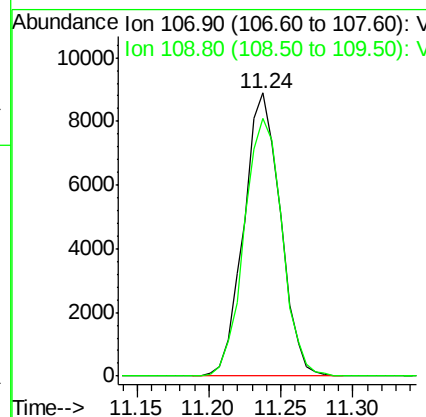
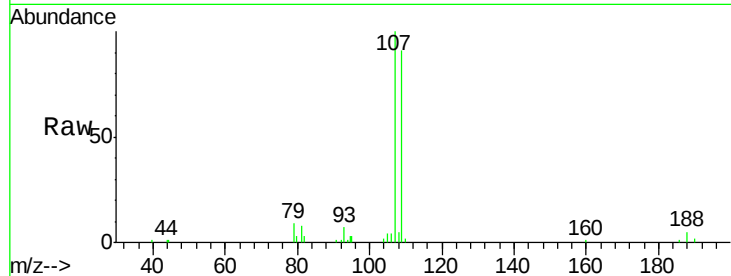
#61
 1,2-Dibromoethane
 Concen: 10.871 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 107 Resp: 15639
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.5 111.7

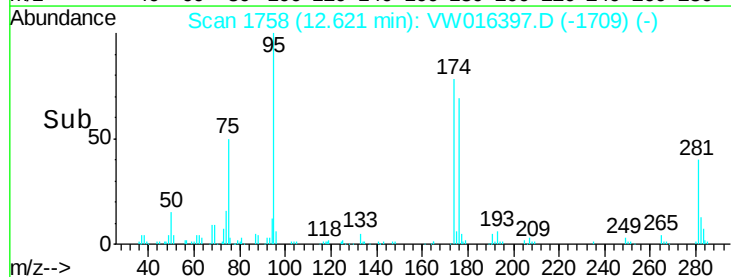
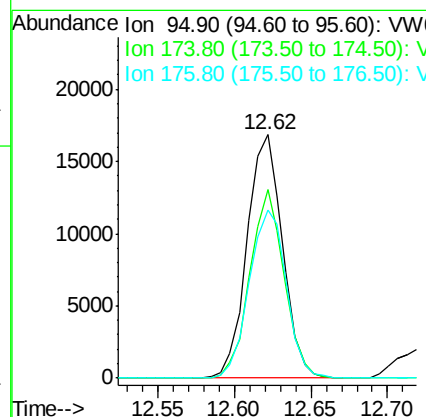
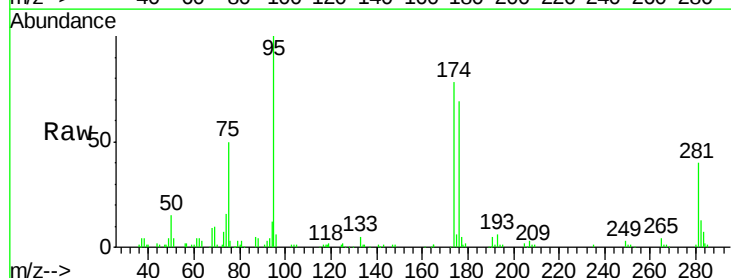
Manual Integrations
 APPROVED

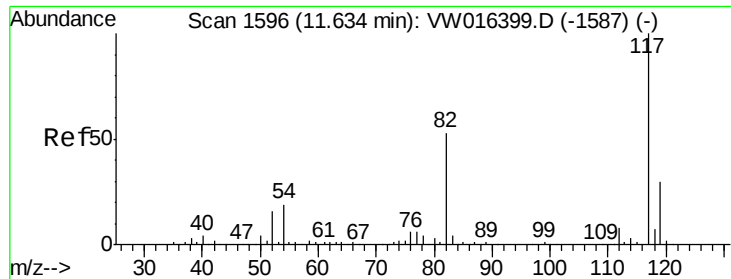
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 8/31/2020 11:59:26 AM



#62
 4-Bromofluorobenzene
 Concen: 10.531 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Tgt Ion: 95 Resp: 26978
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 152.0
 176 72.7 0.0 145.6





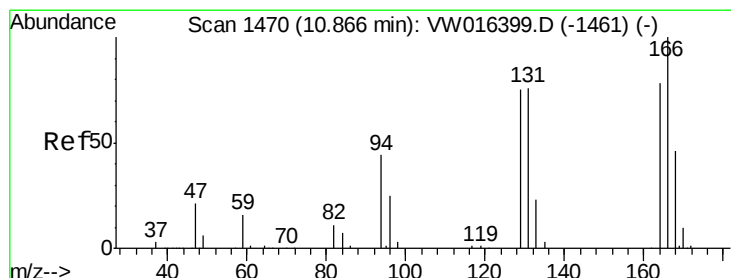
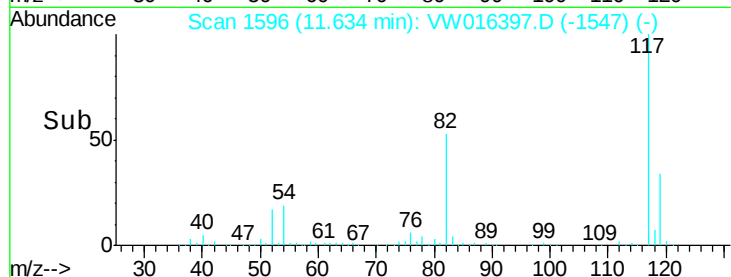
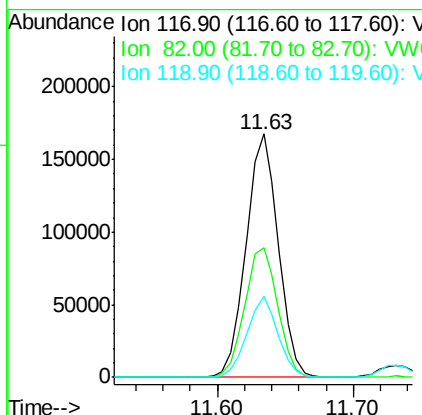
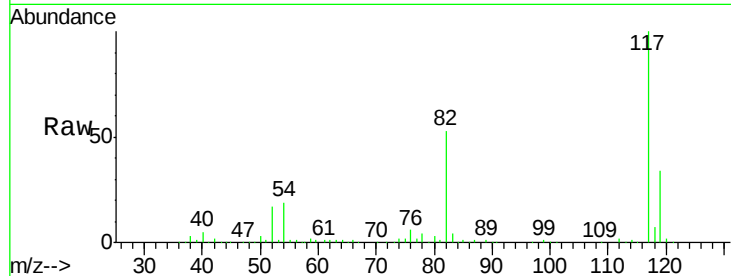
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	33.5	24.2	36.4

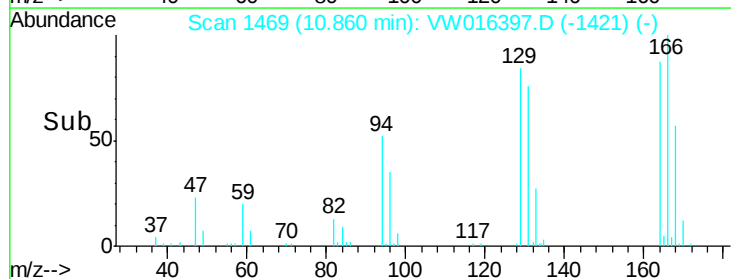
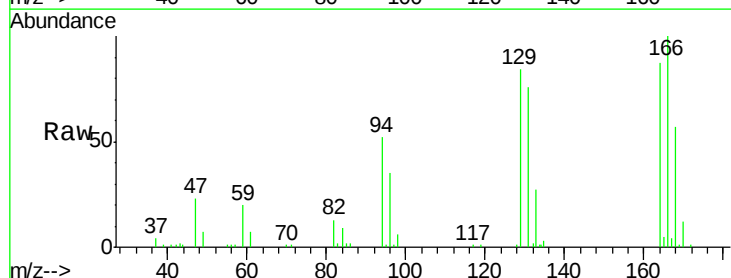
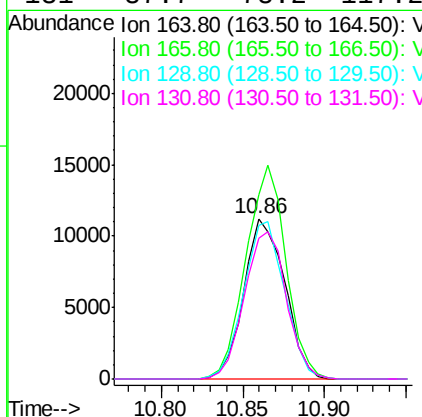
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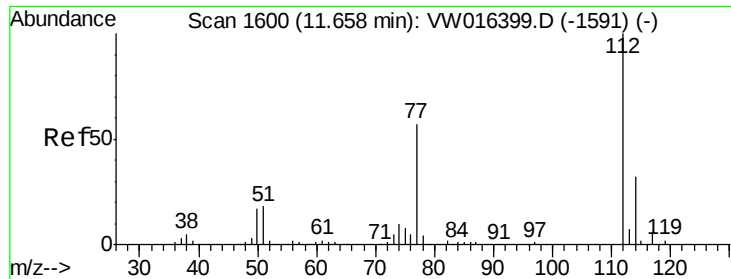
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#64
Tetrachloroethene
Concen: 10.553 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	115.0	103.1	154.7
129	96.2	77.3	115.9
131	87.7	78.2	117.2





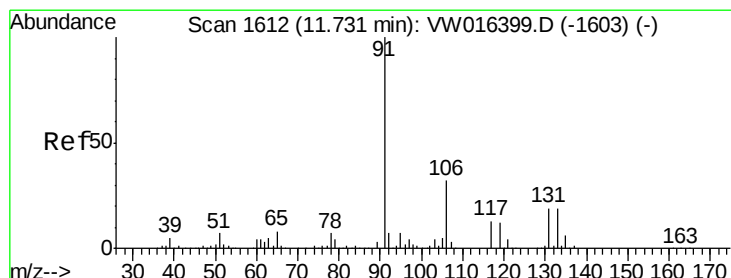
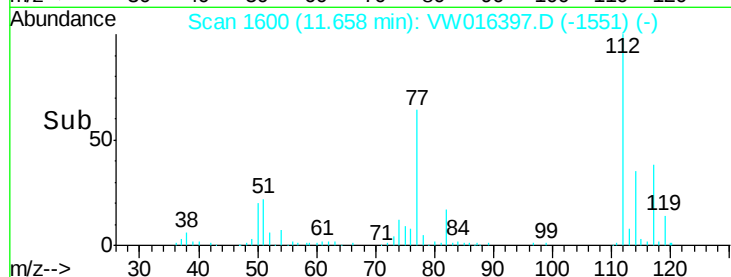
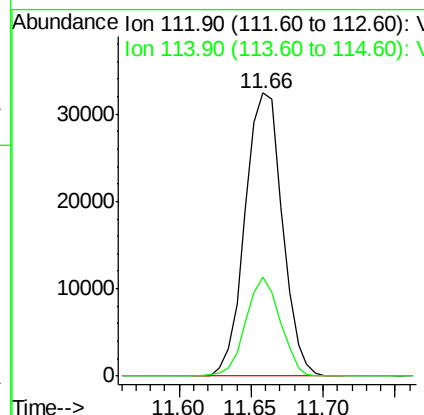
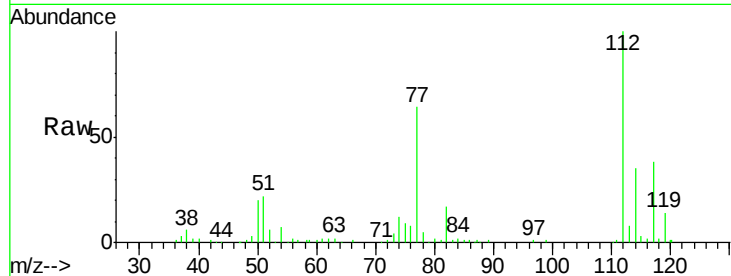
#65
Chlorobenzene
Concen: 10.095 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 58034
Ion Ratio Lower Upper
112 100
114 35.1 25.4 38.2

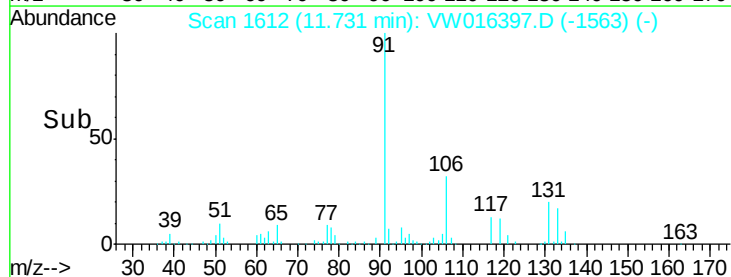
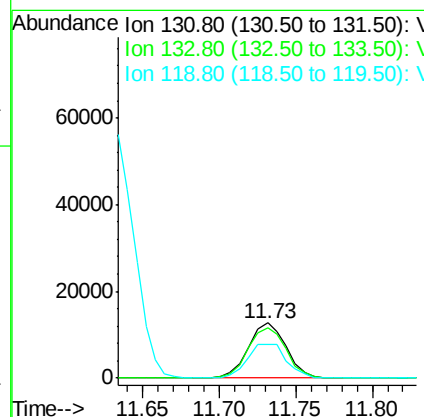
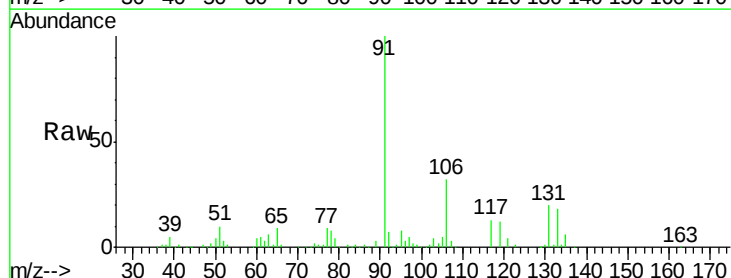
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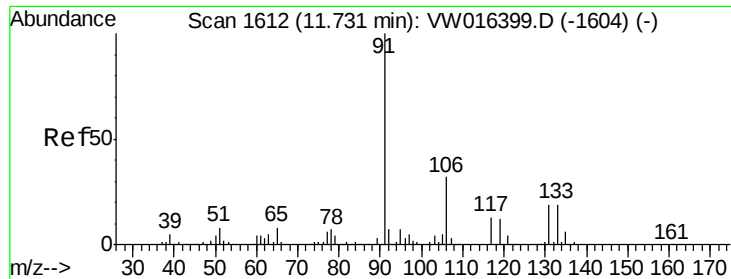
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.766 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion:131 Resp: 21805
Ion Ratio Lower Upper
131 100
133 92.4 46.9 140.6
119 64.4 31.6 95.0





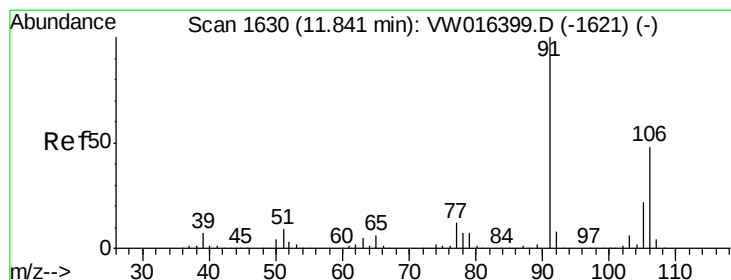
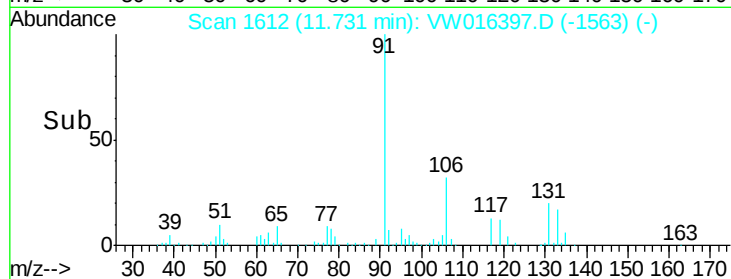
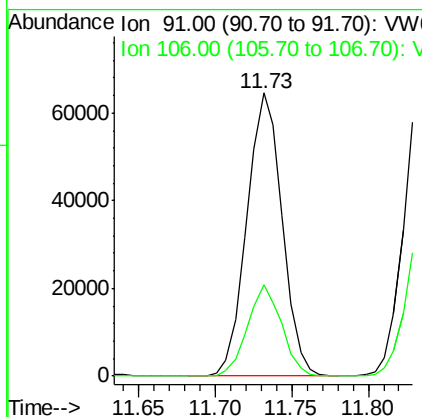
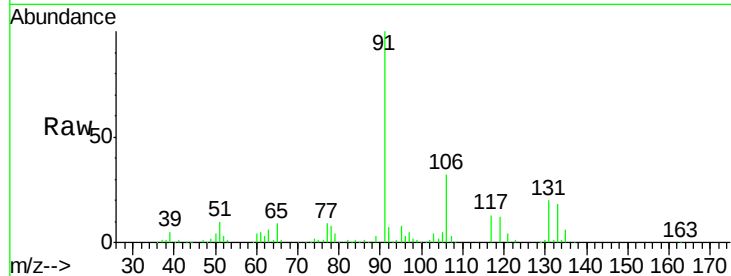
#67
Ethyl Benzene
Concen: 10.087 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 103742
Ion Ratio Lower Upper
91 100
106 32.4 25.3 37.9

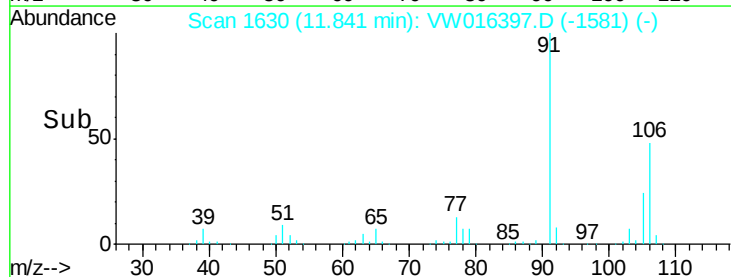
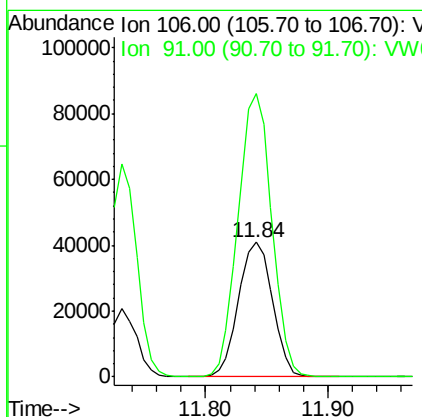
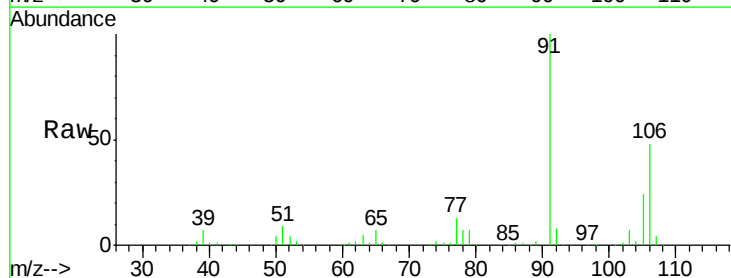
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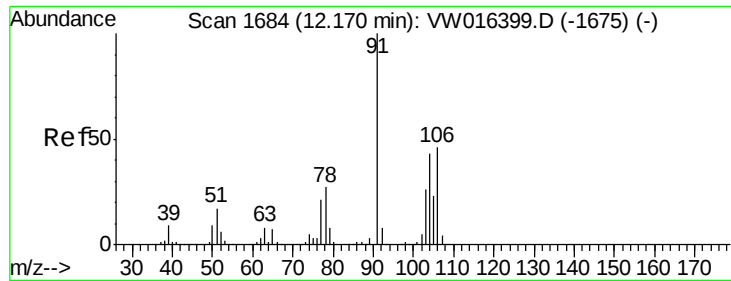
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#68
m/p-Xylenes
Concen: 19.994 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion: 106 Resp: 78987
Ion Ratio Lower Upper
106 100
91 209.2 167.7 251.5





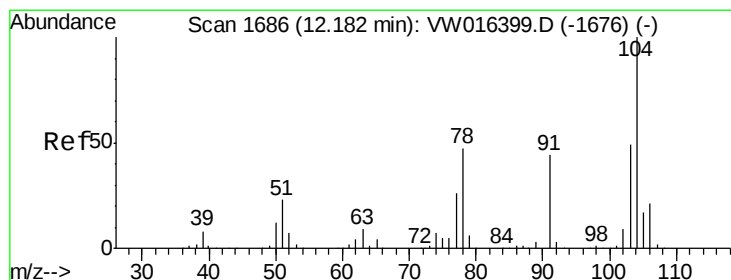
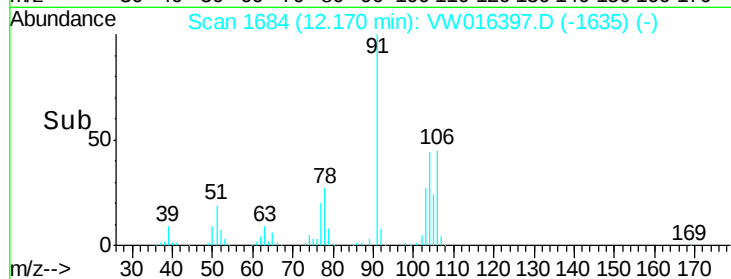
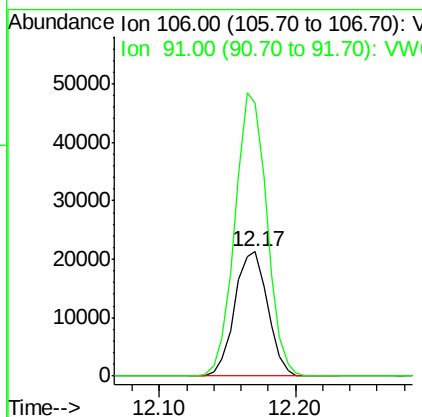
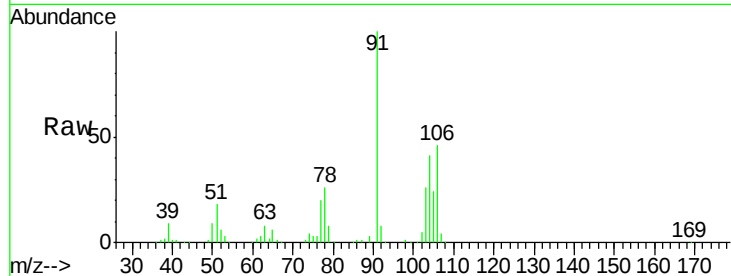
#69
o-Xylene
Concen: 10.258 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 36115
Ion Ratio Lower Upper
106 100
91 219.5 111.7 334.9

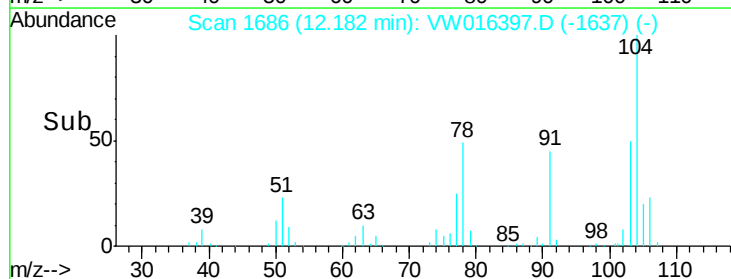
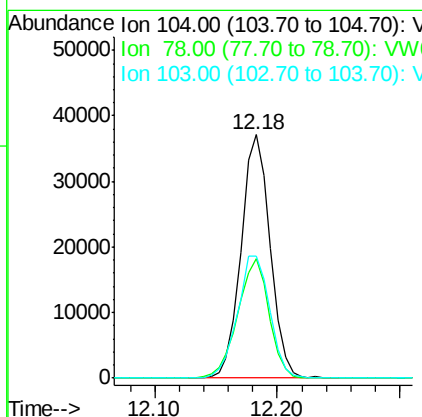
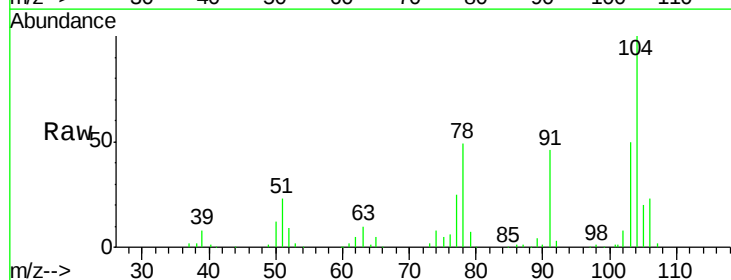
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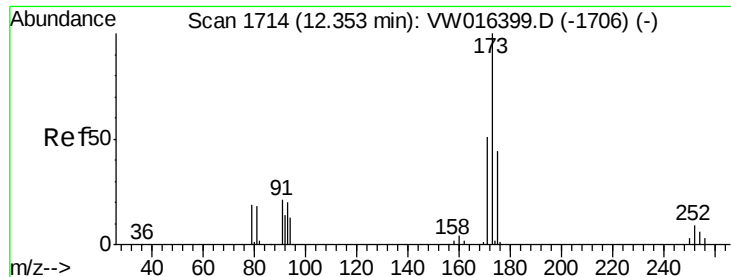
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#70
Styrene
Concen: 10.024 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion:104 Resp: 61105
Ion Ratio Lower Upper
104 100
78 52.6 41.7 62.5
103 56.0 42.9 64.3





#71

Bromoform

Concen: 11.662 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Instrument :

MSVOA_W

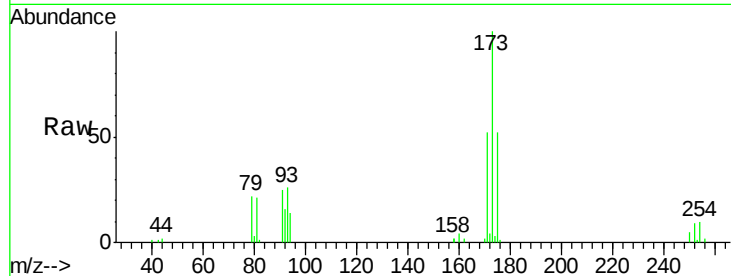
ClientSampleId :

VSTDIC010

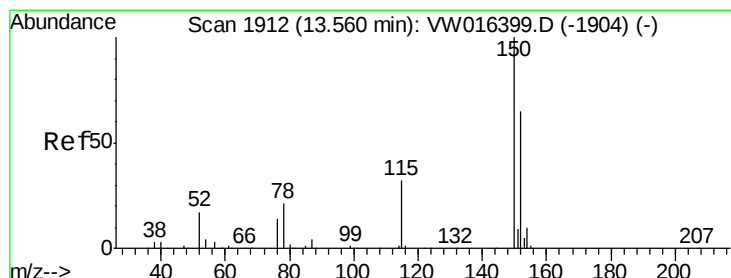
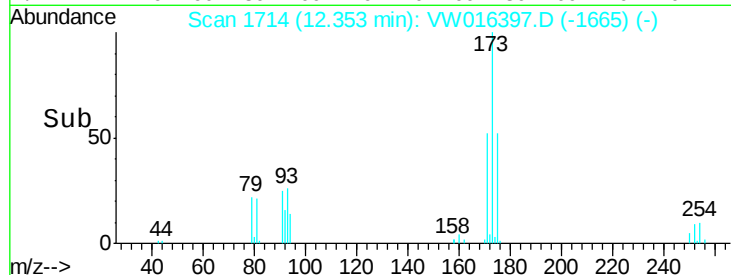
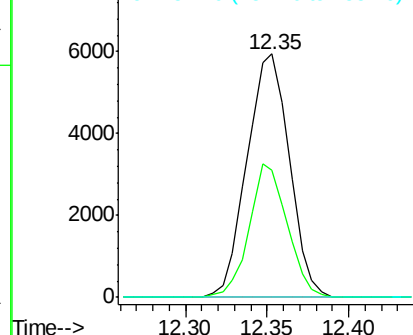
Tot Ion:	173	Resp:	10752
Ion Ratio	Lower	Upper	
173	100		
175	49.1	23.5	70.6
254	0.0	0.0	0.0

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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

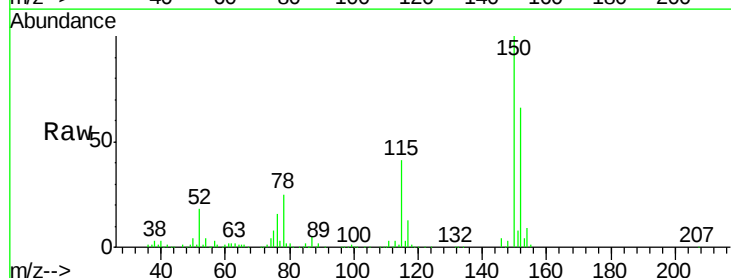
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

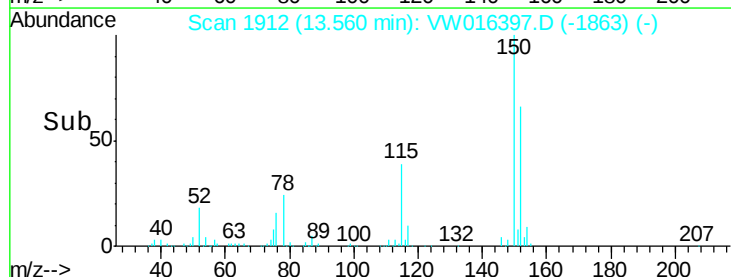
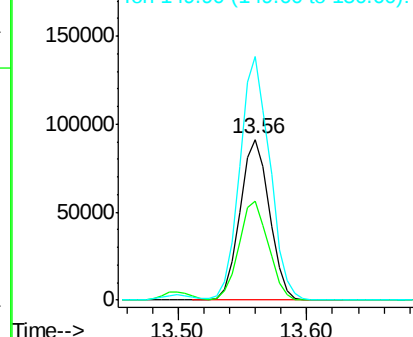
Lab File: VW016397.D

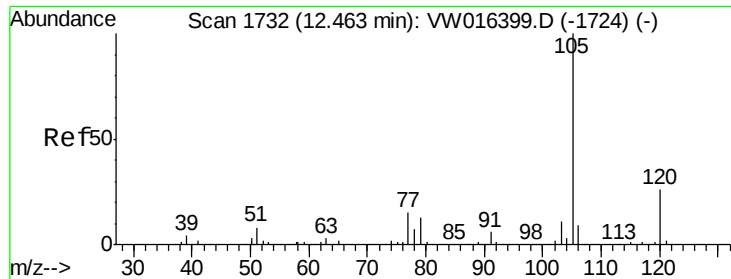
Acq: 28 Aug 2020 12:57

Tgt Ion:	152	Resp:	144504
Ion Ratio	Lower	Upper	
152	100		
115	61.9	30.9	92.5
150	154.3	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





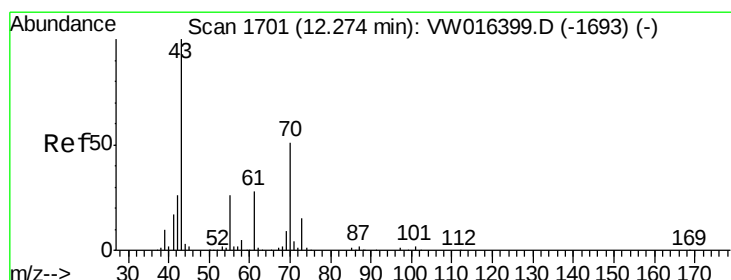
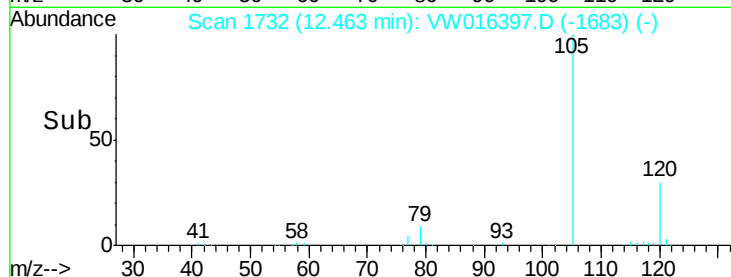
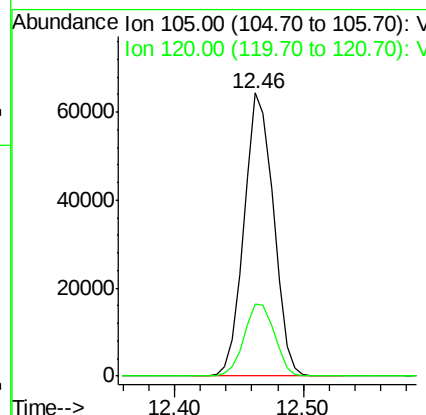
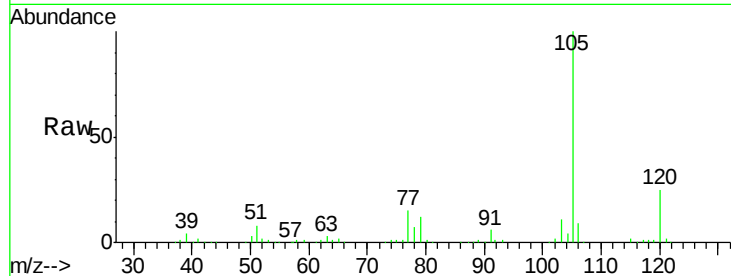
#73
Isopropylbenzene
Concen: 9.197 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.6

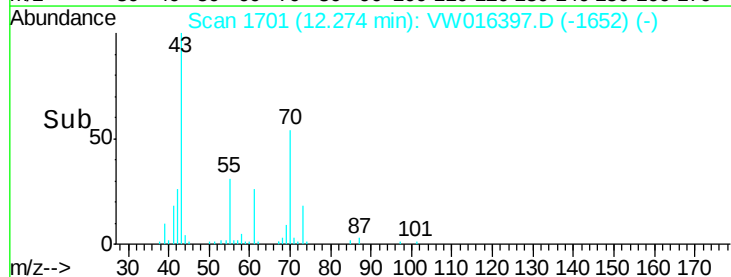
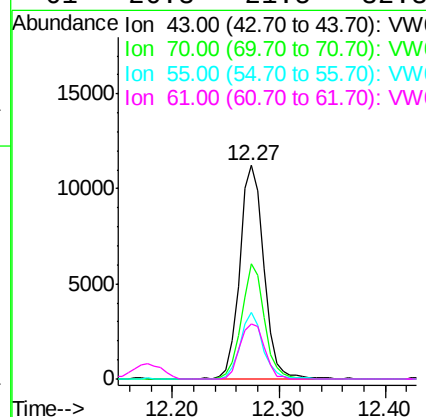
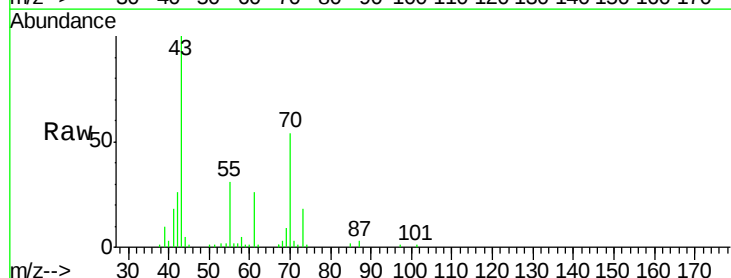
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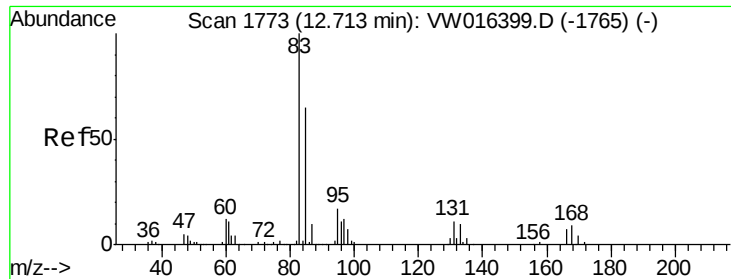
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#74
N-ethyl acetate
Concen: 9.212 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
70	51.0	40.8	61.2
55	29.3	21.6	32.4
61	26.3	21.5	32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 9.699 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Instrument :

MSVOA_W

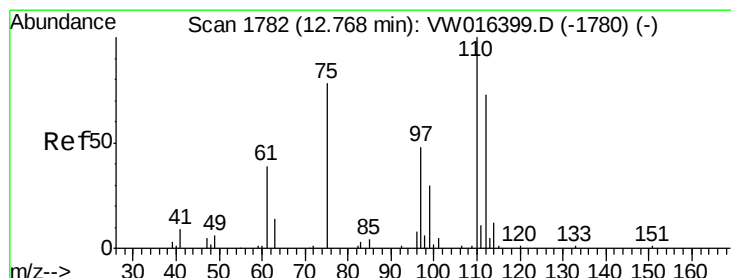
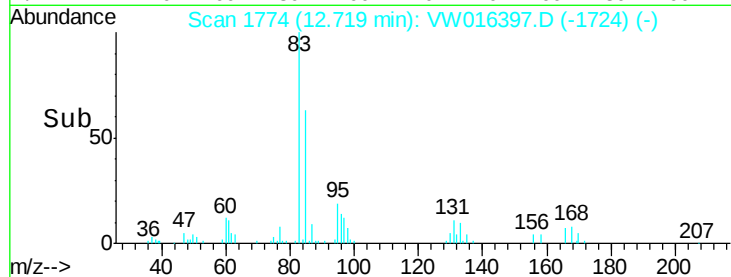
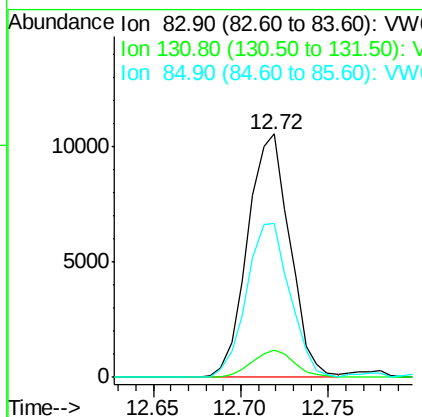
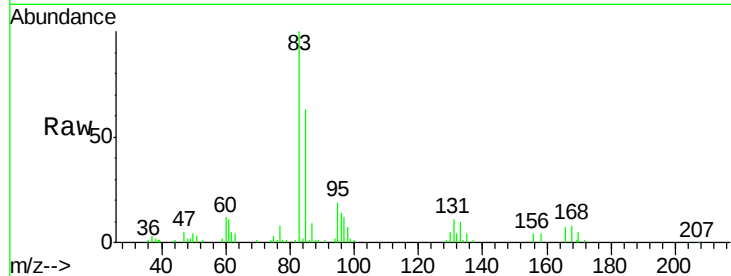
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	17708
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.9	17.8
85	64.7	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 9.690 ug/l m

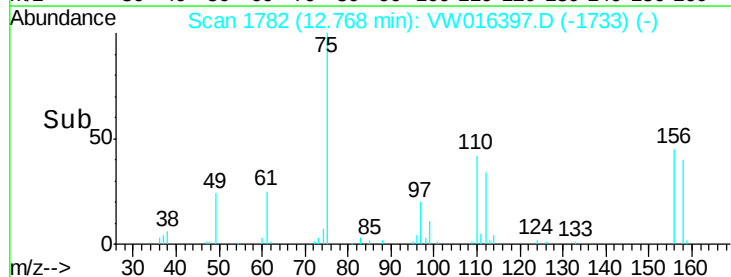
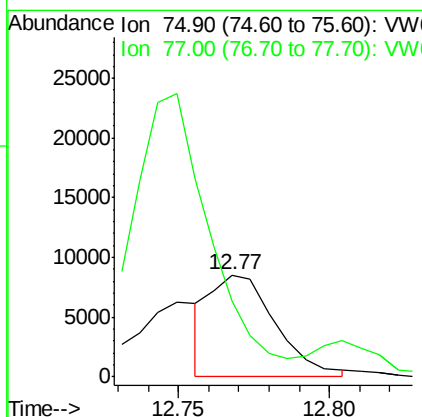
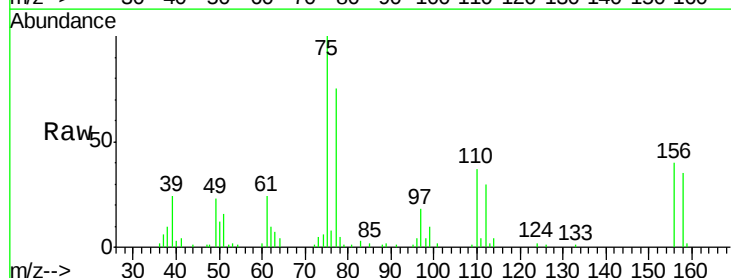
RT: 12.77 min Scan# 1782

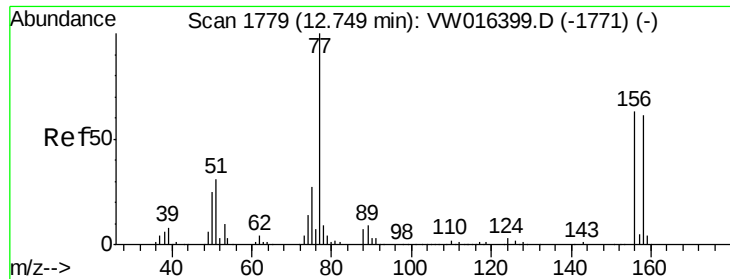
Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Tgt Ion:	75	Resp:	12798
Ion Ratio	Lower	Upper	
75	100		
77	335.9	173.4	520.2





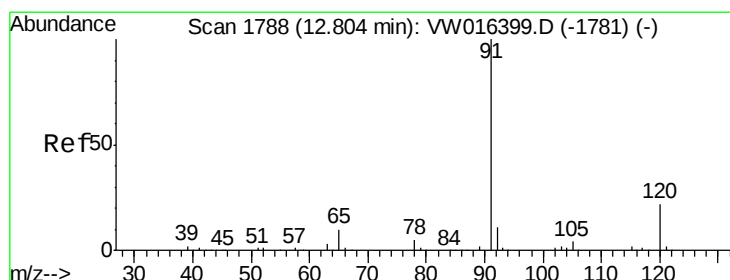
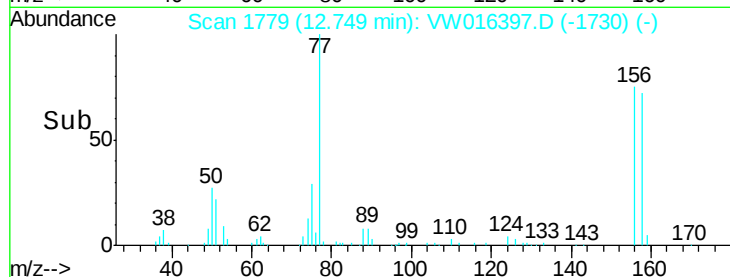
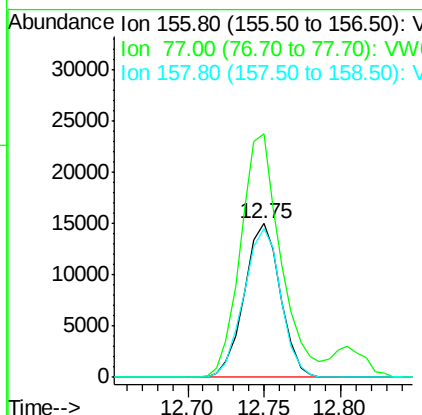
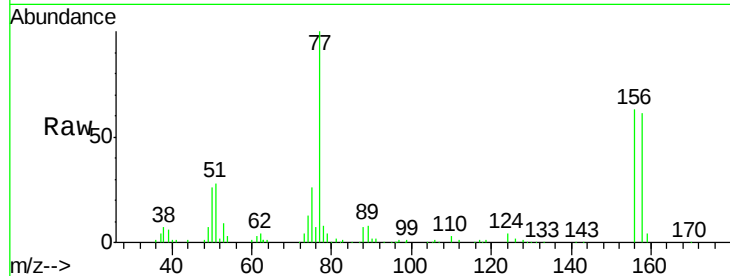
#77
Bromobenzene
Concen: 10.020 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	174.3	90.0	269.9
158	98.8	47.3	141.8

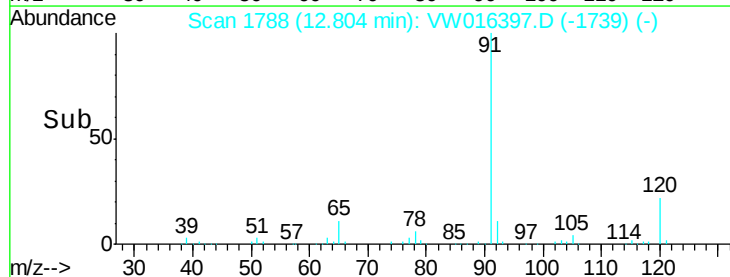
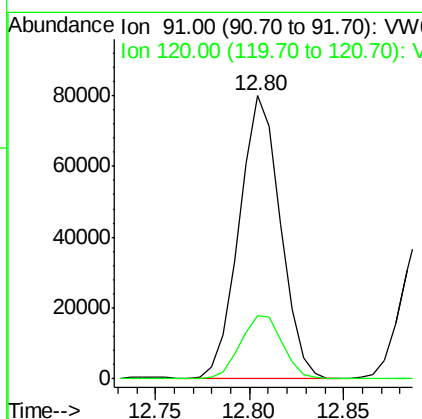
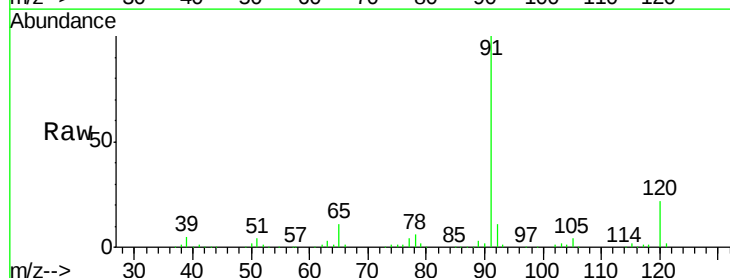
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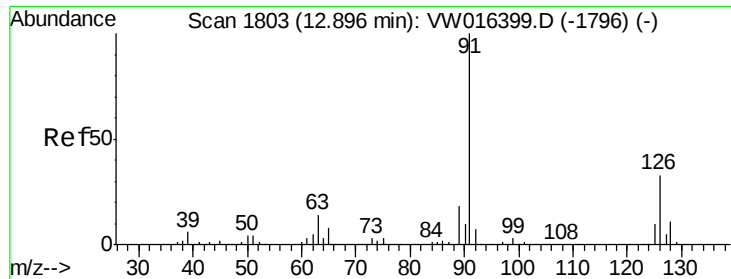
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8/31/2020 11:59:26 AM



#78
n-propylbenzene
Concen: 9.254 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.3	33.9





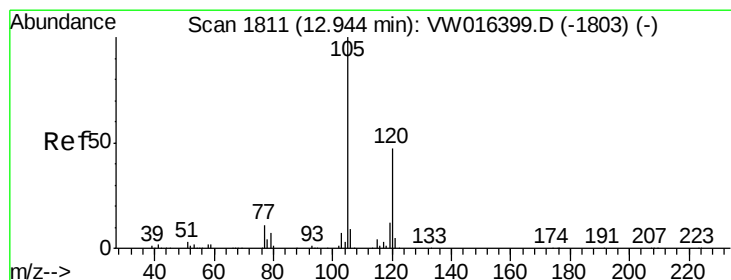
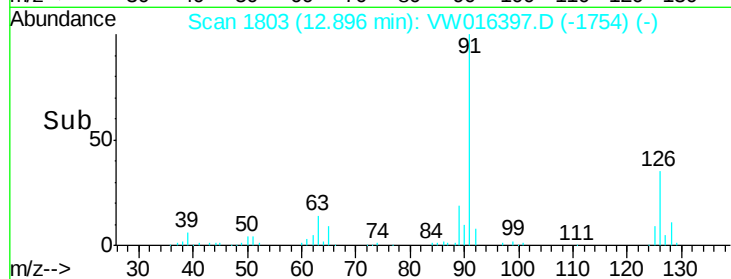
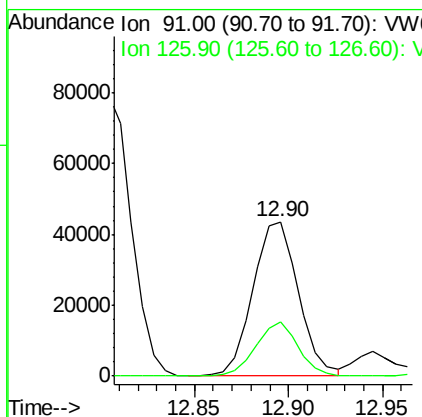
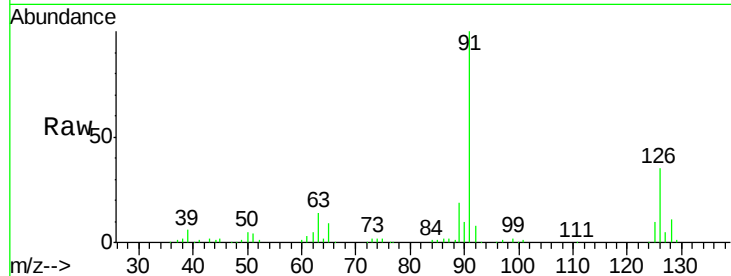
#79
2-Chlorotoluene
Concen: 9.599 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 72853
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1

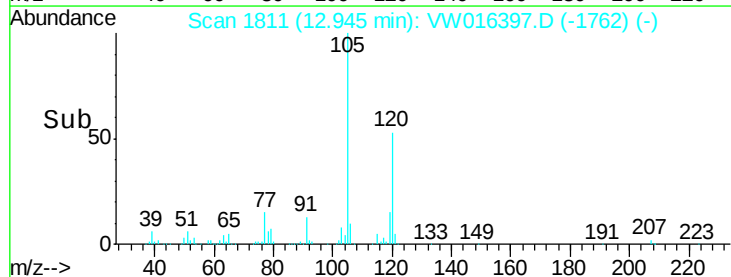
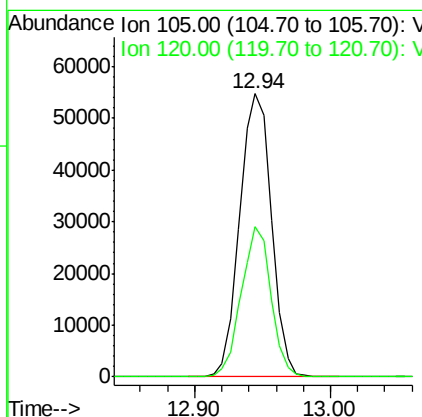
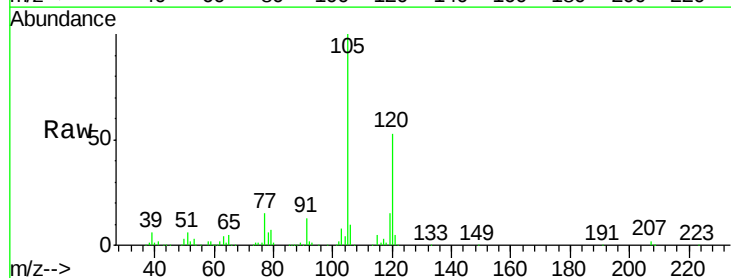
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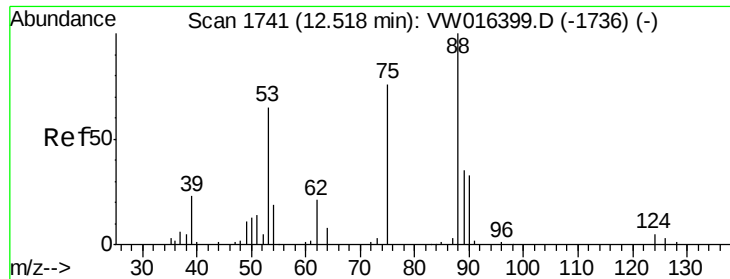
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#80
1,3,5-Trimethylbenzene
Concen: 9.406 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion: 105 Resp: 89381
Ion Ratio Lower Upper
105 100
120 49.6 23.8 71.2





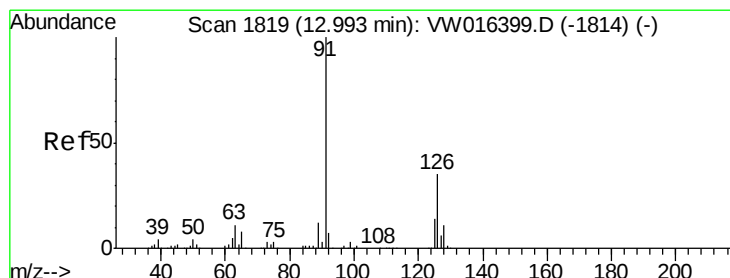
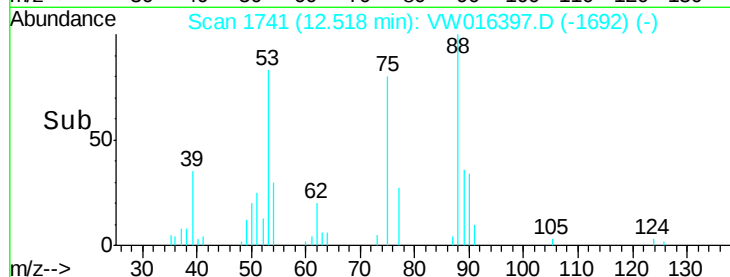
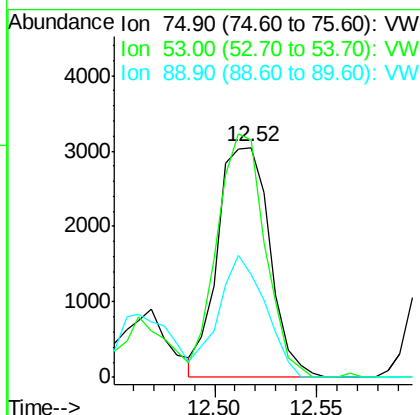
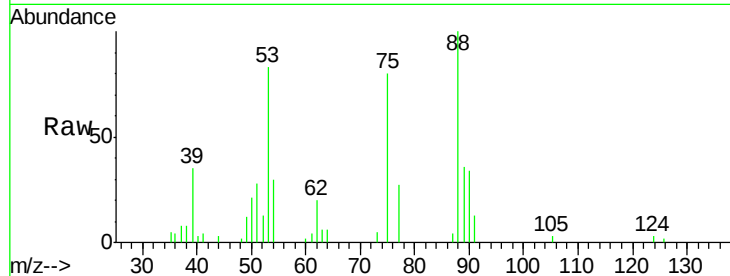
#81
trans-1,4-Dichloro-2-butene
Concen: 9.801 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.5	75.2	112.8
89	47.9	40.4	60.6

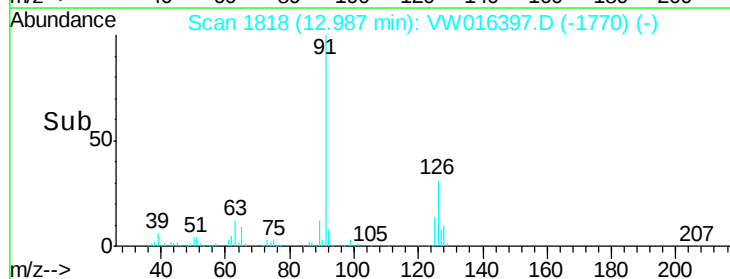
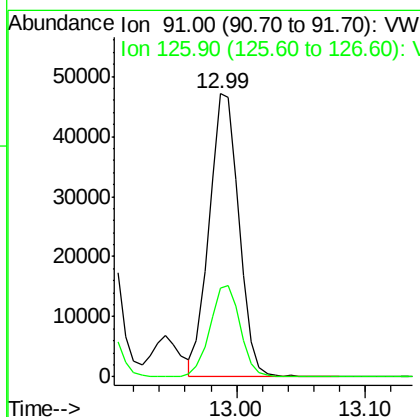
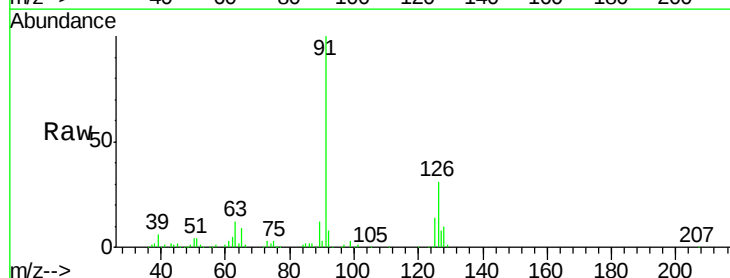
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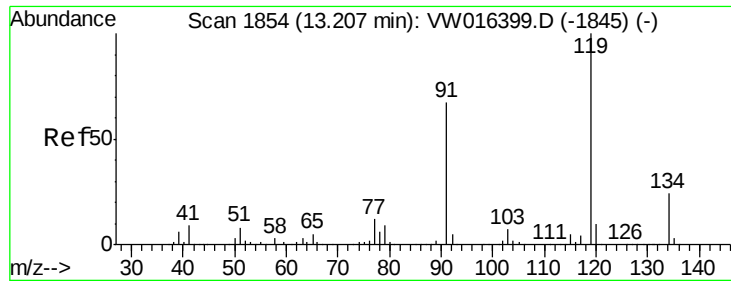
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#82
4-Chlorotoluene
Concen: 9.705 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	17.0	50.9





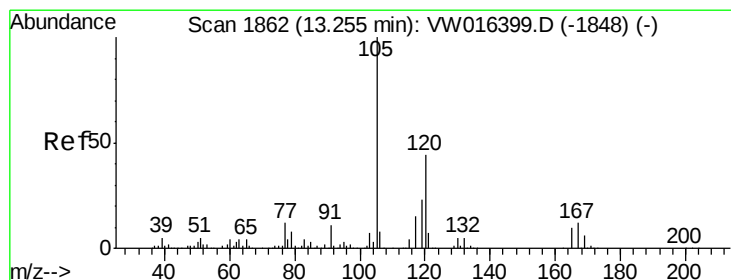
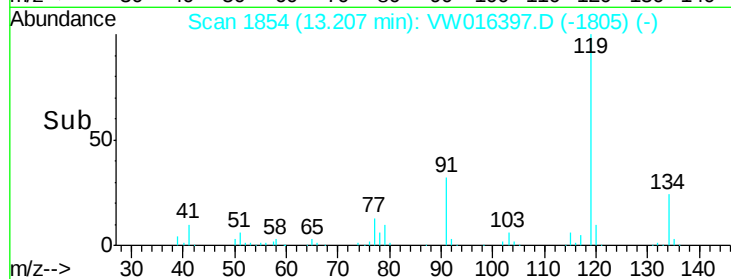
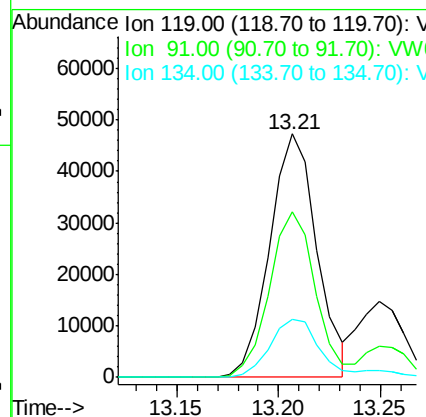
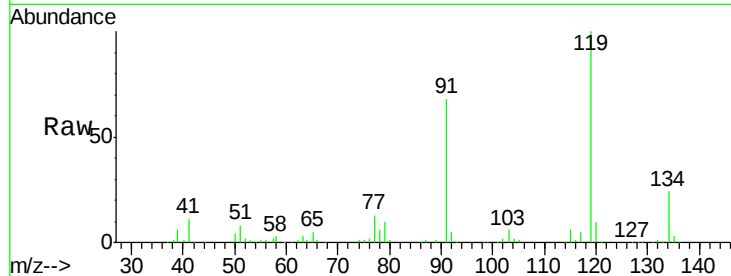
#83
tert-Butylbenzene
Concen: 9.788 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	34.1	102.3
134	24.9	12.3	36.8

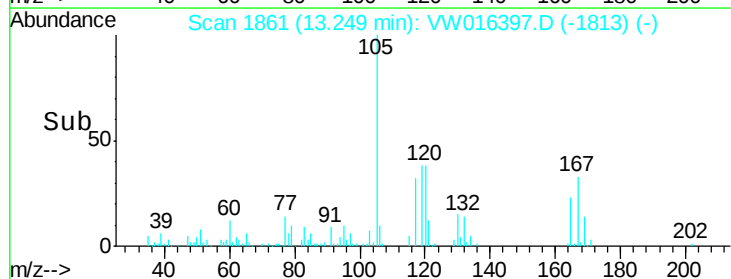
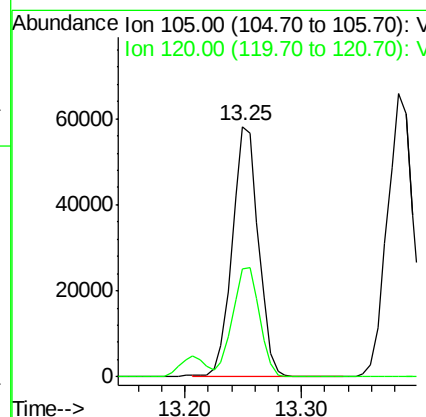
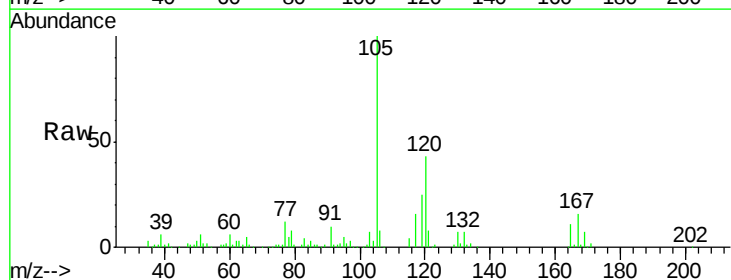
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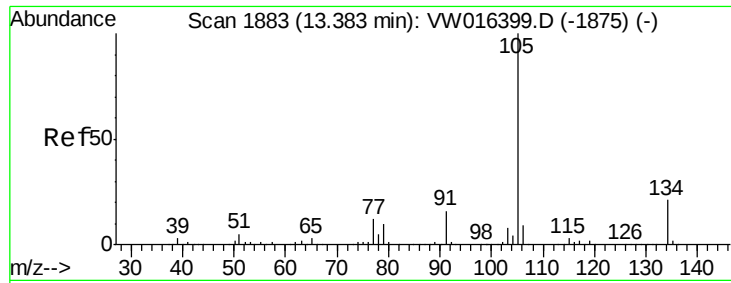
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#84
1,2,4-Trimethylbenzene
Concen: 9.740 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.1	66.1





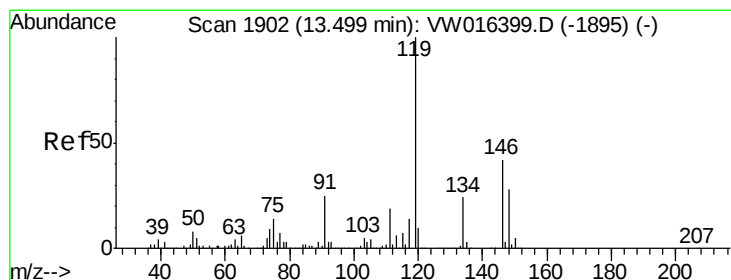
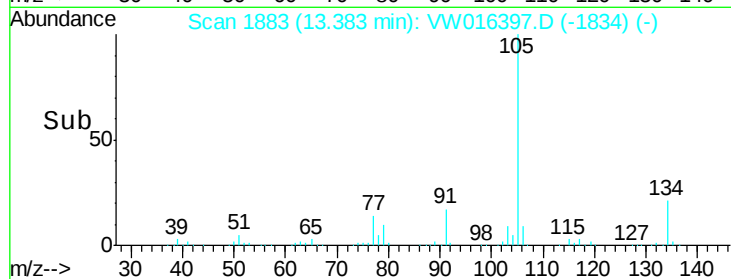
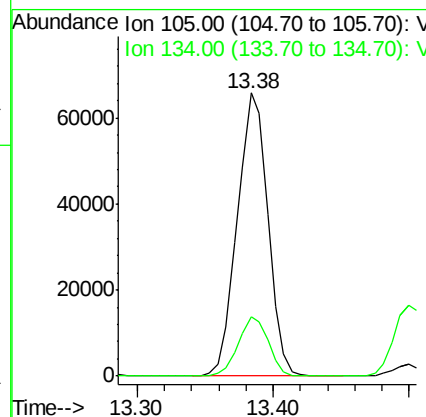
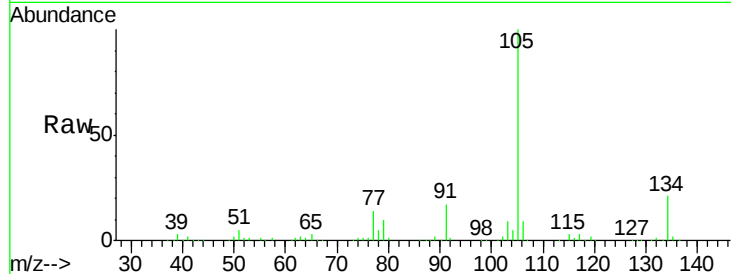
#85
 sec-Butylbenzene
 Concen: 9.206 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.0	30.0

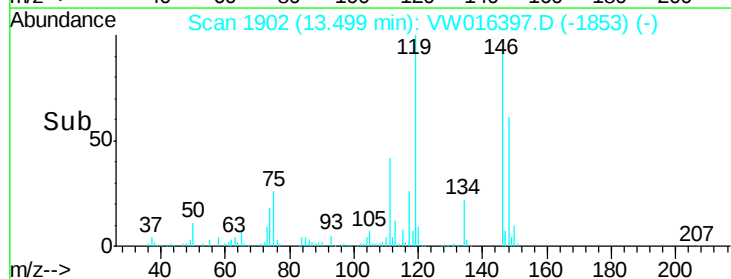
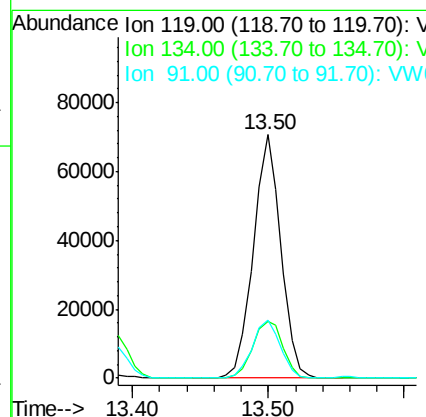
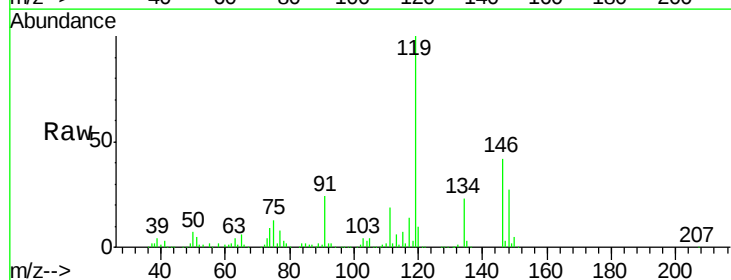
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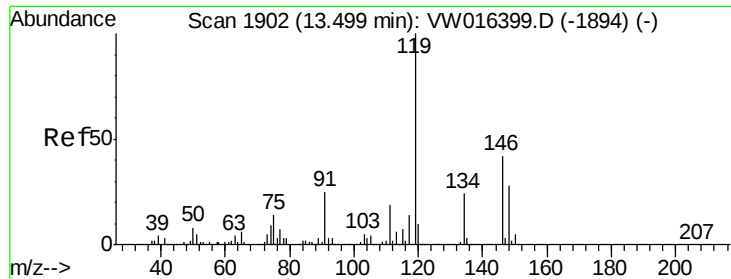
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#86
 p-Isopropyltoluene
 Concen: 9.778 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.6	37.6
91	24.5	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 9.805 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:146 Resp: 47476

Ion Ratio Lower Upper

146 100

111 45.5 22.6 67.8

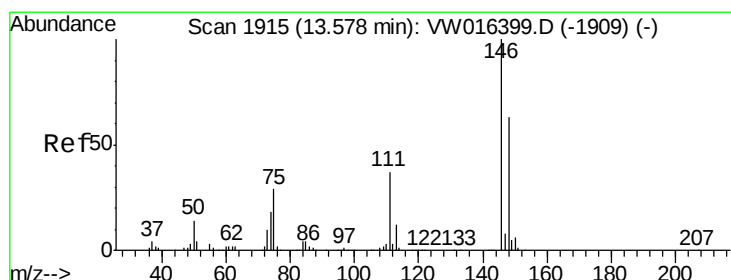
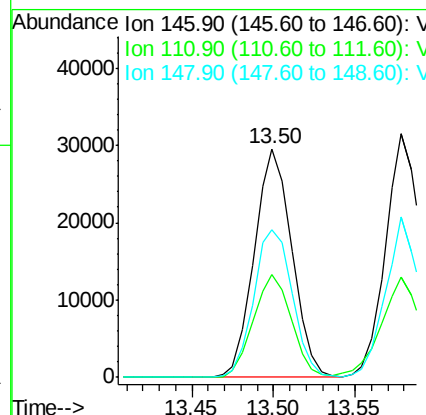
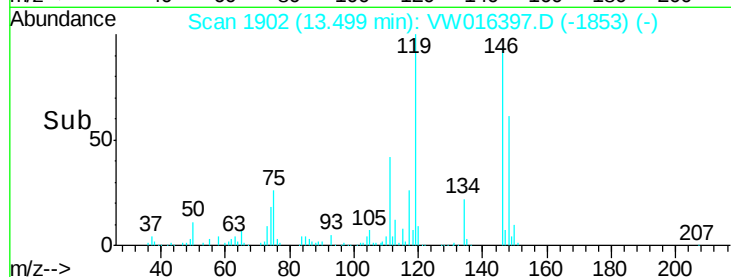
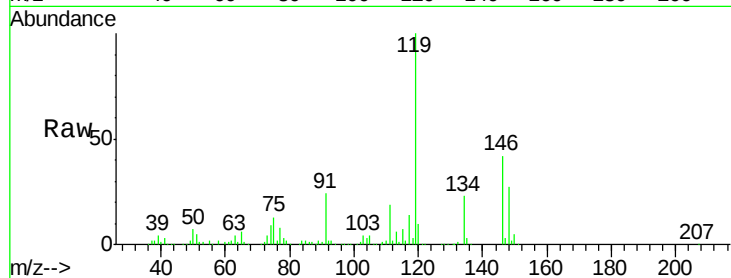
148 66.4 33.6 100.8

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#88

1,4-Dichlorobenzene

Concen: 9.990 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW016397.D

Acq: 28 Aug 2020 12:57

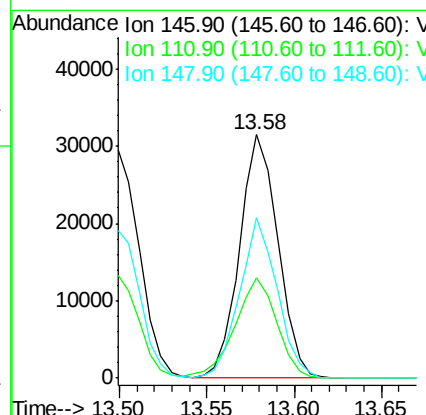
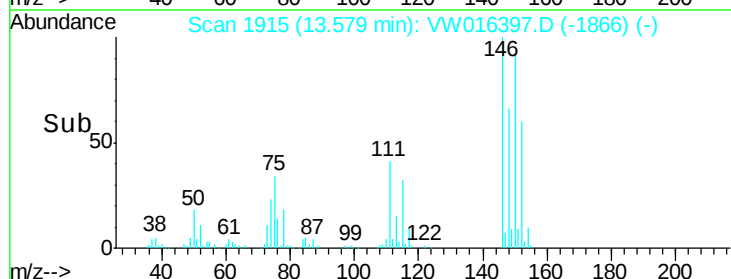
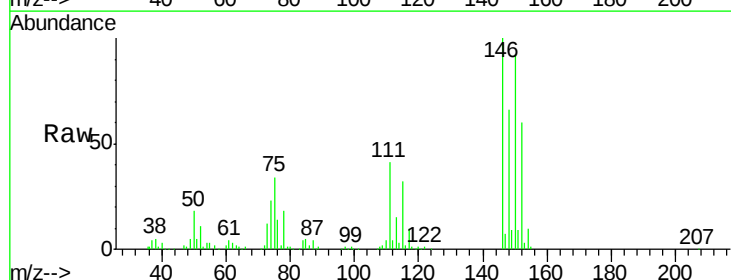
Tgt Ion:146 Resp: 48156

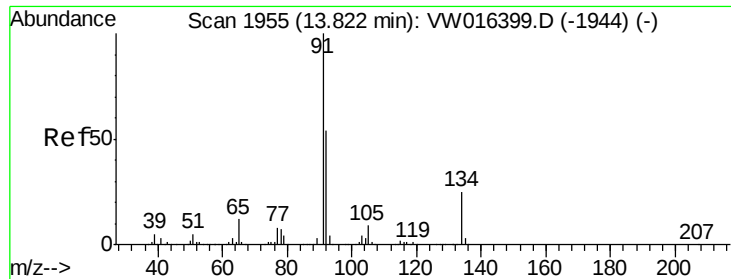
Ion Ratio Lower Upper

146 100

111 44.7 20.4 61.3

148 64.2 32.0 96.2





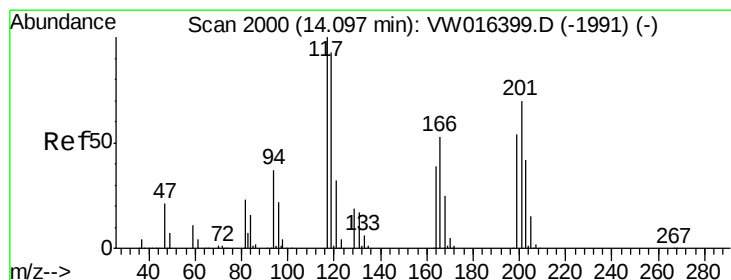
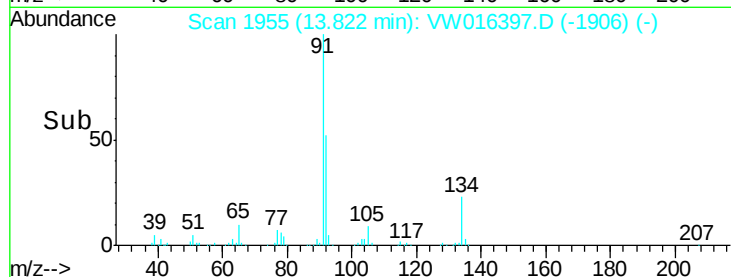
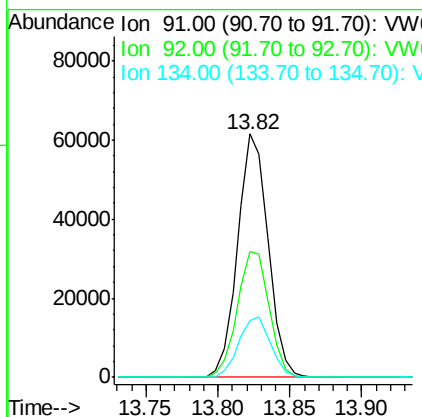
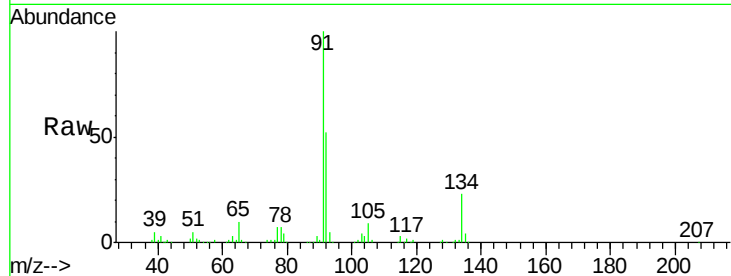
#89
n-Butylbenzene
Concen: 9.600 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.8	80.4
134	26.0	13.2	39.6

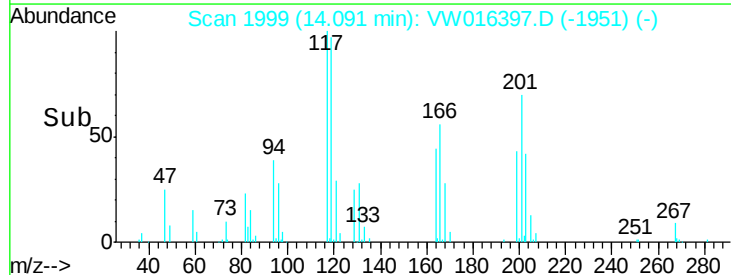
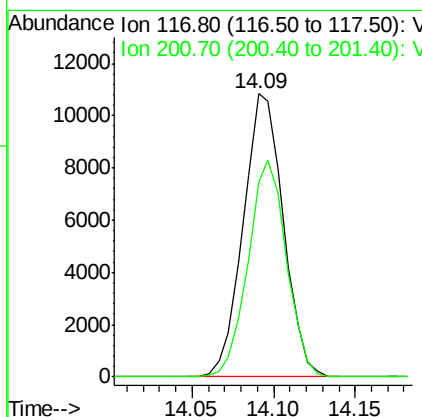
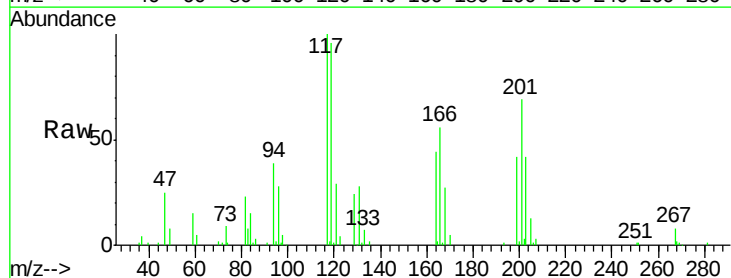
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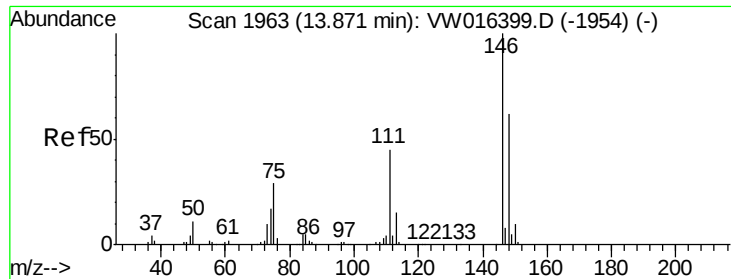
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#90
Hexachloroethane
Concen: 9.696 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.4	35.9	107.7





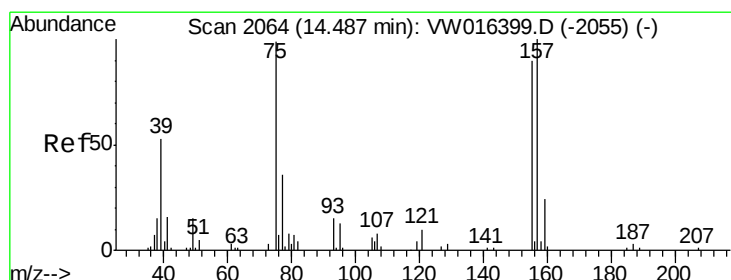
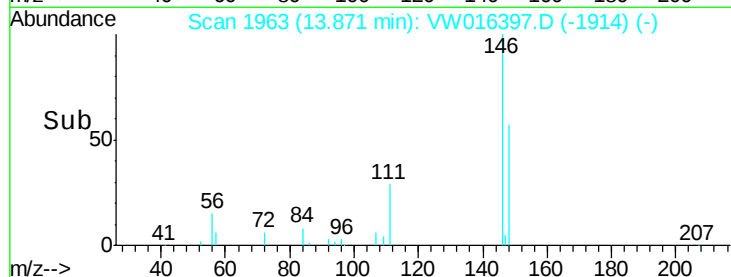
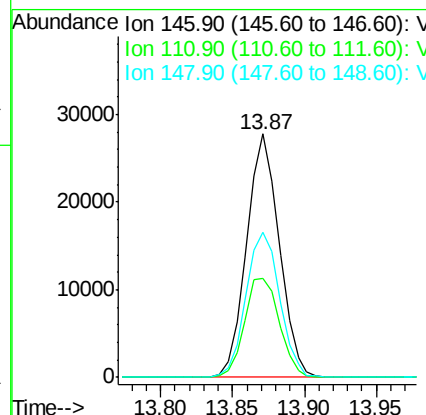
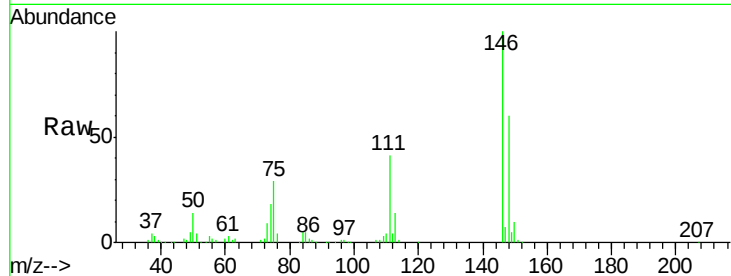
#91
 1,2-Dichlorobenzene
 Concen: 10.190 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.3	66.8
148	61.7	32.0	96.0

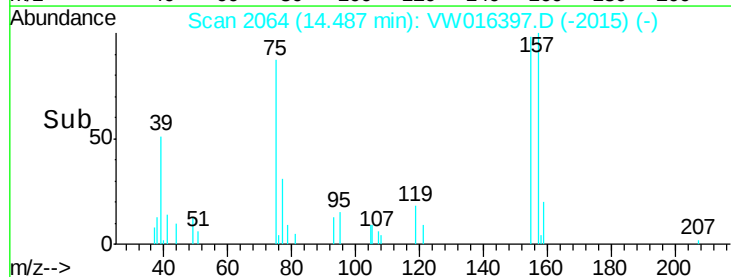
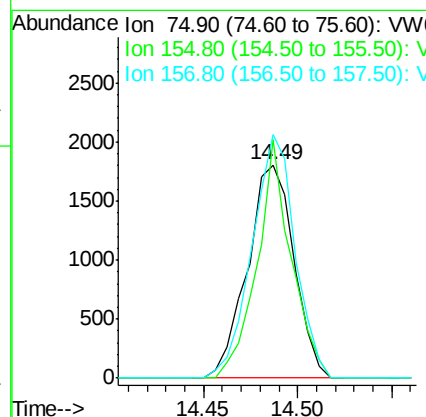
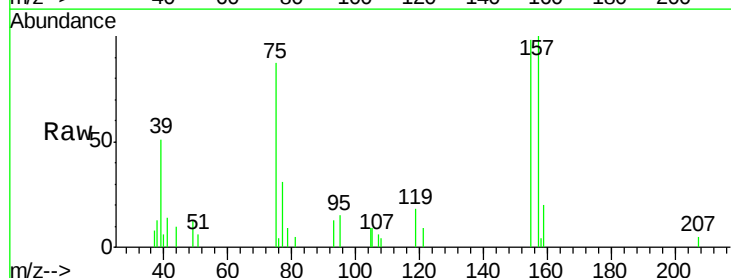
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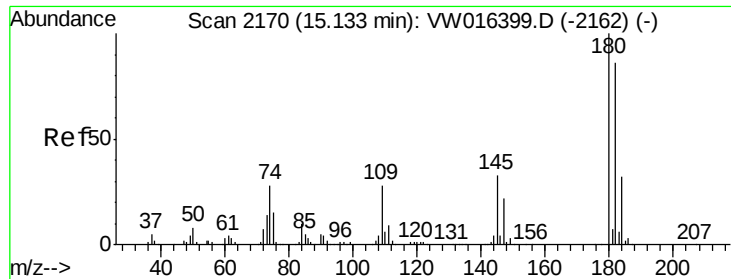
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.722 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016397.D
 Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.1	41.4	124.4
157	105.5	52.1	156.4





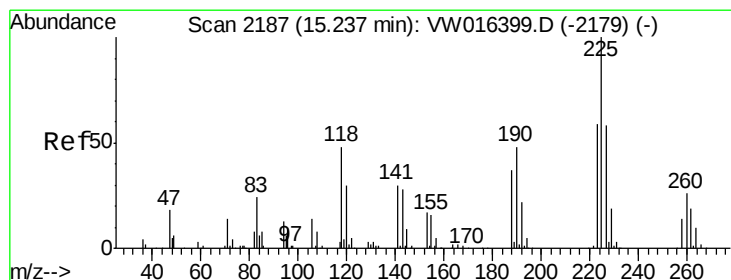
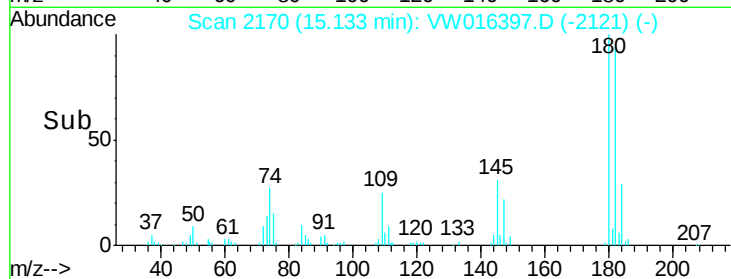
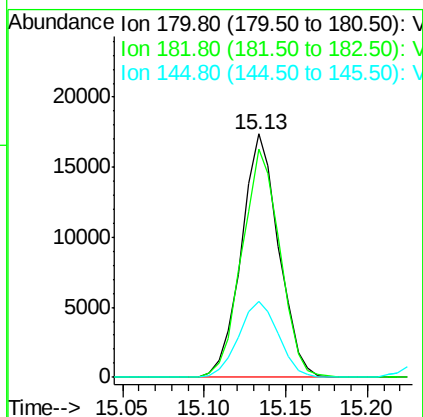
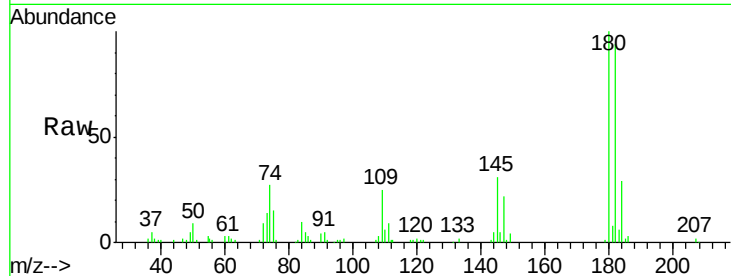
#93
1,2,4-Trichlorobenzene
Concen: 10.743 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	27722		
182	94.9		44.9	134.7
145	33.0		17.1	51.2

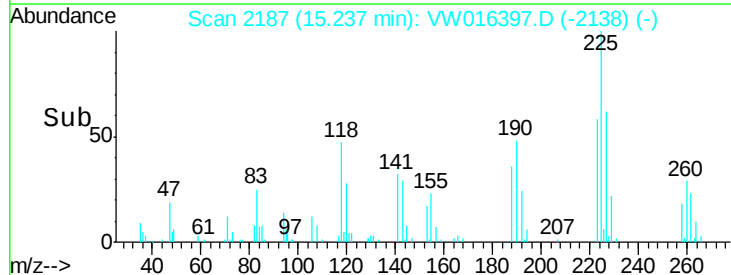
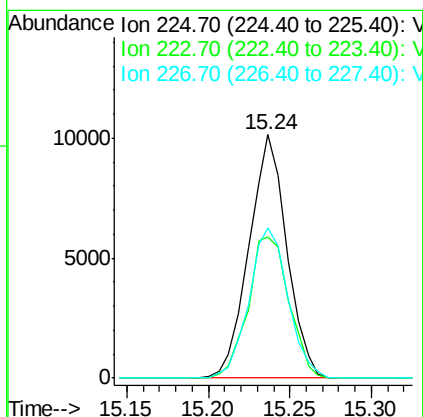
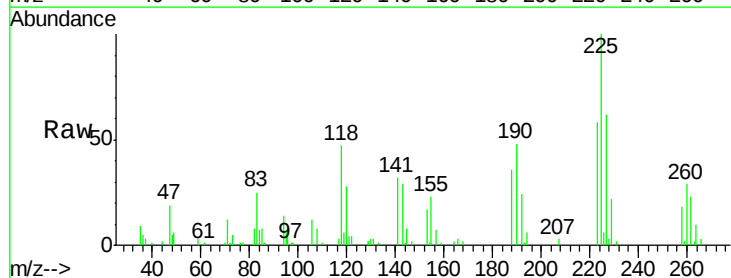
Manual Integrations
APPROVED

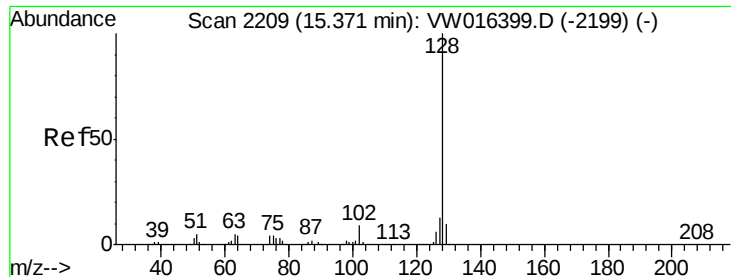
MMDadoda
8/31/2020 11:59:26 AM



#94
Hexachlorobutadiene
Concen: 10.429 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16287		
223	62.8		30.5	91.5
227	63.9		30.7	92.1





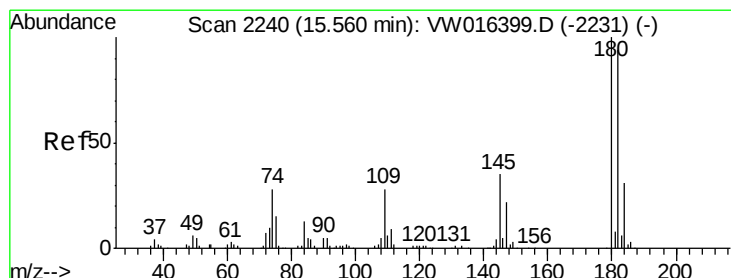
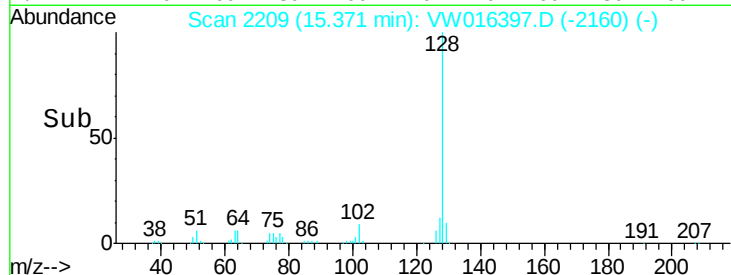
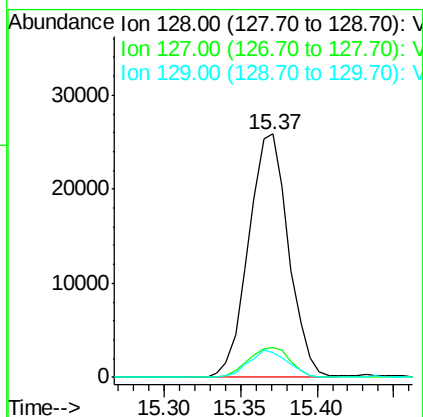
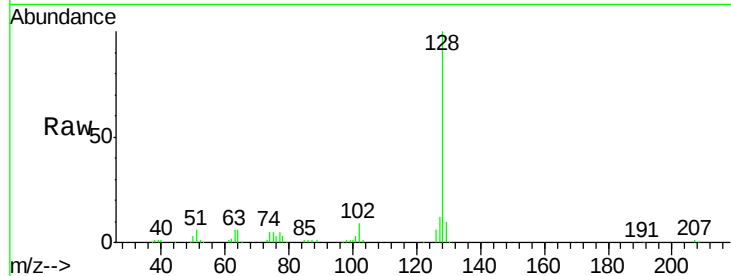
#95
Naphthalene
Concen: 9.984 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	128	Resp:	47117
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.8	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
8/31/2020 11:59:26 AM



#96
1,2,3-Trichlorobenzene
Concen: 10.386 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016397.D
Acq: 28 Aug 2020 12:57

Tgt Ion:	180	Resp:	22979
Ion Ratio	Lower	Upper	
180	100		
182	97.0	46.5	139.5
145	37.4	18.1	54.3

