

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092321\
 Data File : VW022297.D
 Acq On : 23 Sep 2021 20:34
 Operator : SY/MD
 Sample : M3873-19MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 03:47:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 03:31:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130126	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	125352	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	66030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31880	4.862	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.564	69	37154	4.842	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.108	63	74344	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.883	46	142563	53.205	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.420%
24) Chloroform-d	4.352	84	96503	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.034	65	45382	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.050	84	189141	5.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.072	67	59507	5.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.317	98	169875	5.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
43) trans-1,3-Dichloroprop...	7.629	79	17419	5.181	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.088	63	118701	56.784	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.560%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	49448	5.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	64157	5.177	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	49970	4.932	ug/L	100
3) Chloromethane	1.240	50	51411	5.078	ug/L	98
5) Vinyl chloride	1.307	62	50715	5.208	ug/L	98
6) Bromomethane	1.519	94	30896	4.949	ug/L	99
8) Chloroethane	1.581	64	31496	5.135	ug/L	94
9) Trichlorofluoromethane	1.751	101	68148	5.059	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	38769	4.830	ug/L	97
12) 1,1-Dichloroethene	2.118	96	37072	5.070	ug/L	83
13) Acetone	2.172	43	68176	44.876	ug/L	97
14) Carbon disulfide	2.291	76	121469	4.885	ug/L	99
15) Methyl Acetate	2.433	43	16102	4.776	ug/L	92
16) Methylene chloride	2.507	84	47824	3.758	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	97664	5.022	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	44252	5.065	ug/L	99
19) 1,1-Dichloroethane	3.191	63	77688	5.041	ug/L	96
21) 2-Butanone	3.970	43	116205	50.562	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	46059	5.305	ug/L	97
23) Bromochloromethane	4.252	128	21105	5.149	ug/L	98
25) Chloroform	4.378	83	81498	5.175	ug/L	99

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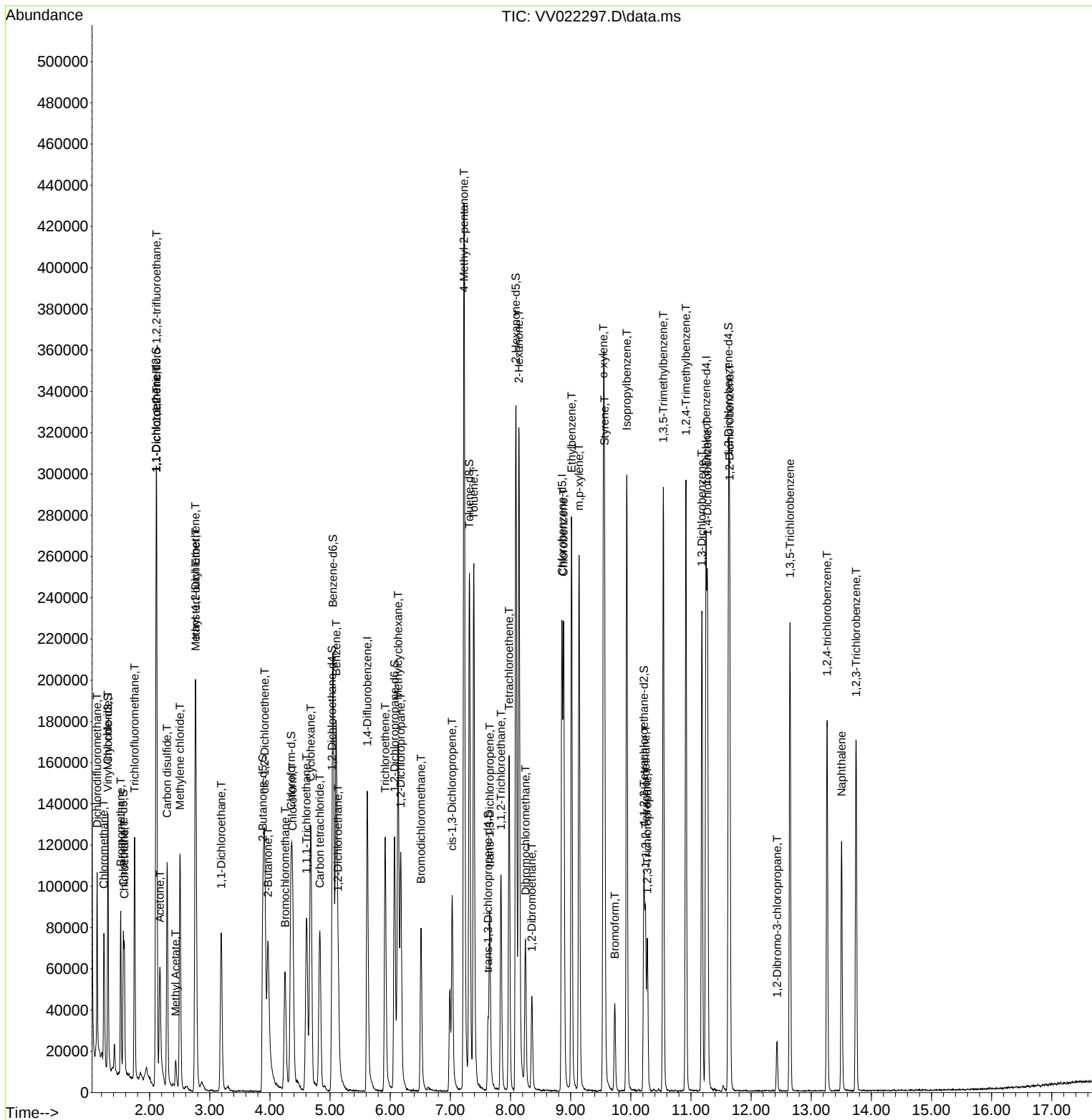
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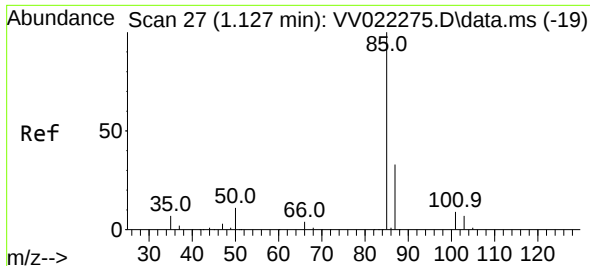
Quant Time: Sep 24 03:47:20 2021
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	46901	5.100	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	67955	5.205	ug/L	99
30) Cyclohexane	4.677	56	67165	5.153	ug/L	98
31) Carbon tetrachloride	4.828	117	58739	5.296	ug/L	99
33) Benzene	5.101	78	178257	5.406	ug/L	100
34) Trichloroethene	5.915	95	44884	5.357	ug/L	98
35) Methylcyclohexane	6.133	83	69688	5.208	ug/L	99
37) 1,2-Dichloropropane	6.175	63	44970	5.402	ug/L	99
38) Bromodichloromethane	6.513	83	53987	5.383	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	59219	5.379	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	294645	54.922	ug/L	99
42) Toluene	7.391	91	192718	5.517	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	49952	5.308	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	33436	5.312	ug/L	97
47) Tetrachloroethene	7.979	164	36894	5.192	ug/L	98
48) 2-Hexanone	8.140	43	210813	55.923	ug/L	100
49) Dibromochloromethane	8.249	129	36500	5.392	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30732	5.252	ug/L #	94
51) Chlorobenzene	8.883	112	121706	5.304	ug/L	98
52) Ethylbenzene	9.014	91	192737	5.304	ug/L	98
53) m,p-xylene	9.140	106	74581	5.315	ug/L	97
54) o-xylene	9.545	106	74066	5.417	ug/L	97
55) Styrene	9.564	104	123946	5.463	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	40783	5.218	ug/L	99
59) Bromoform	9.735	173	18746	5.089	ug/L	96
60) Isopropylbenzene	9.934	105	190410	5.175	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	28961	5.057	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	153734	5.116	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	157734	5.266	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	93760	5.177	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	93404	5.089	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	90319	5.232	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	5729	5.032	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	69573	5.065	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	52767	4.822	ug/L	95
71) Naphthalene	13.506	128	95457	4.800	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	51305	5.016	ug/L	99

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

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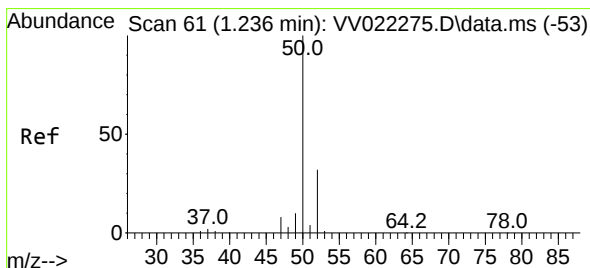
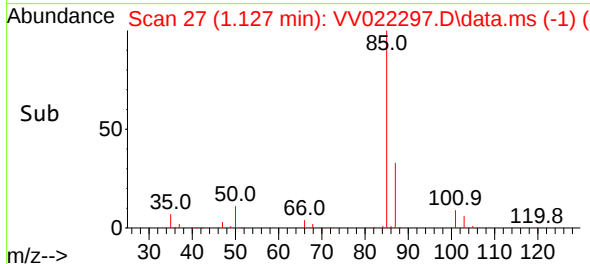
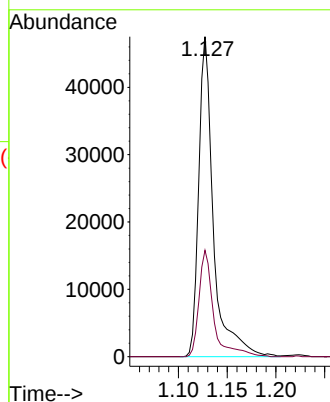
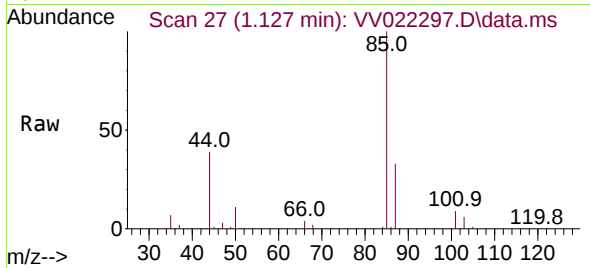




#2
Dichlorodifluoromethane
Concen: 4.932 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

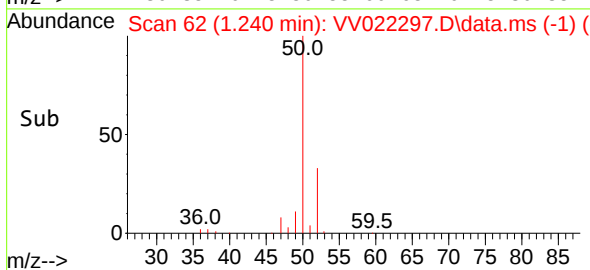
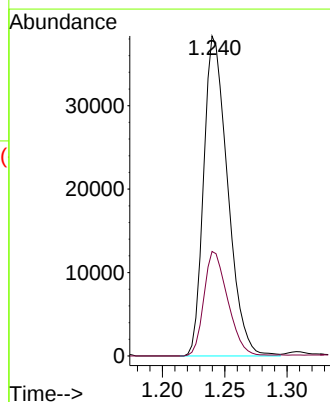
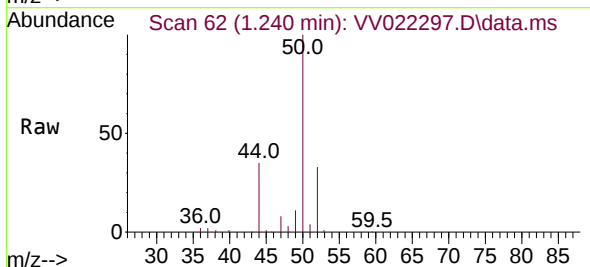
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MSVOA_V
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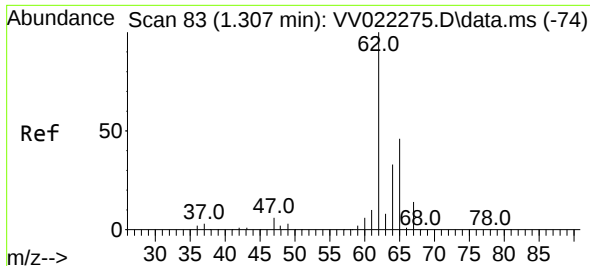
Tgt Ion: 85 Resp: 49970
Ion Ratio Lower Upper
85 100
87 33.2 26.4 39.6



#3
Chloromethane
Concen: 5.078 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion: 50 Resp: 51411
Ion Ratio Lower Upper
50 100
52 32.6 22.2 41.2

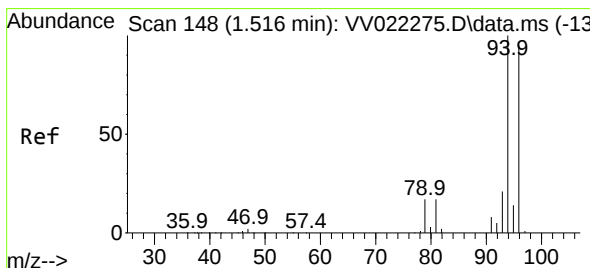
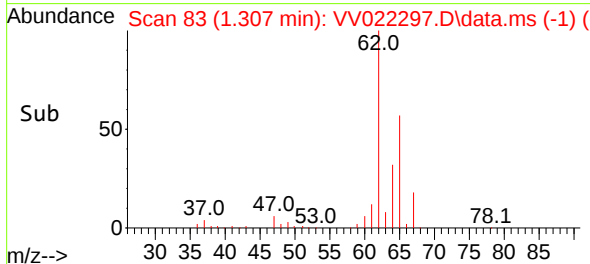
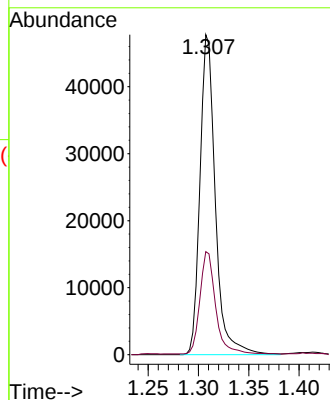
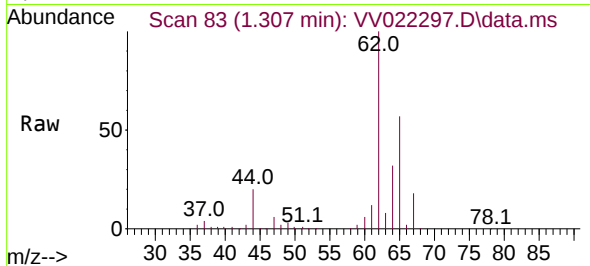




#5
 Vinyl chloride
 Concen: 5.208 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022297.D
 Acq: 23 Sep 2021 20:34

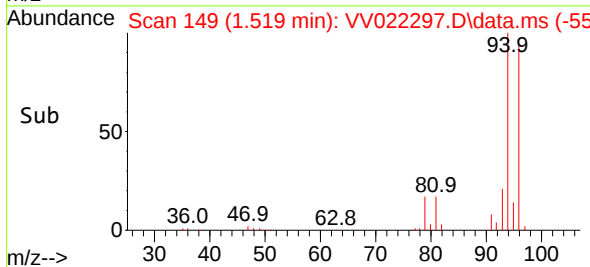
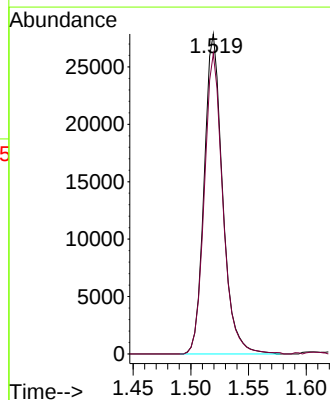
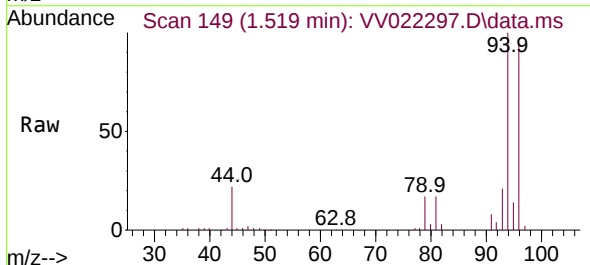
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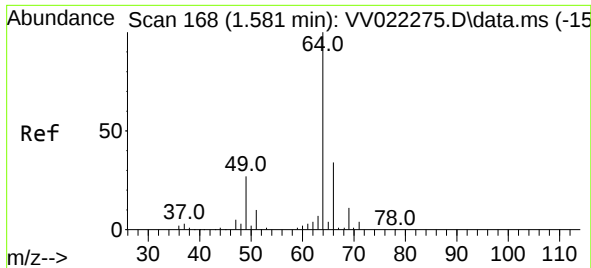
Tgt Ion: 62 Resp: 50715
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.4 43.4



#6
 Bromomethane
 Concen: 4.949 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV022297.D
 Acq: 23 Sep 2021 20:34

Tgt Ion: 94 Resp: 30896
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.6 123.8

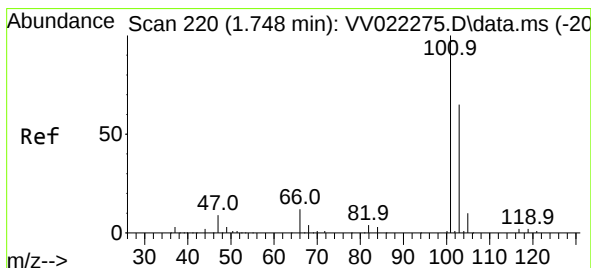
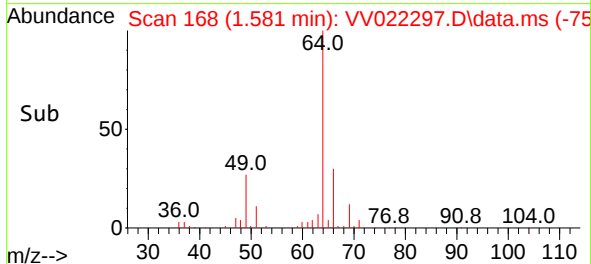
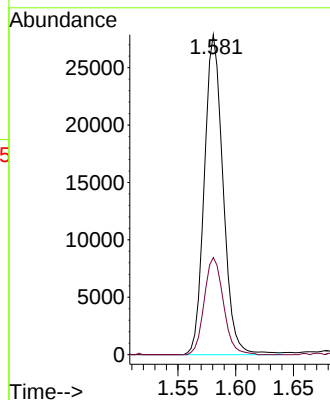
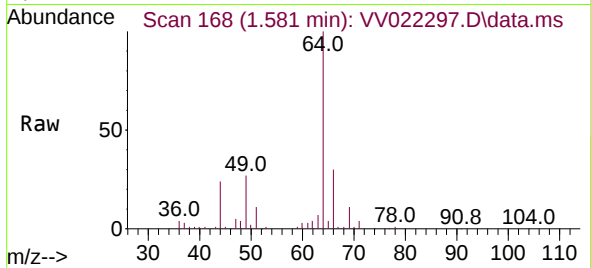




#8
Chloroethane
Concen: 5.135 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

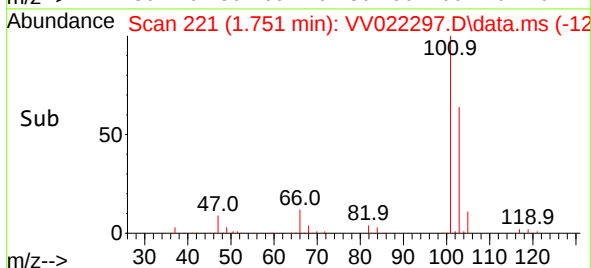
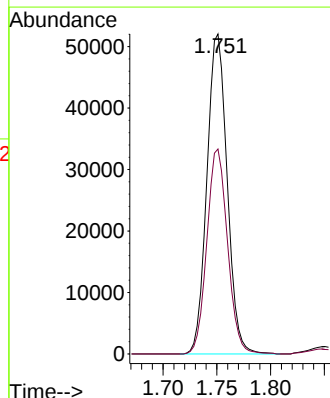
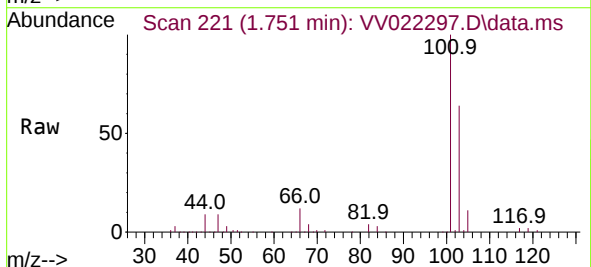
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ClientSampled :

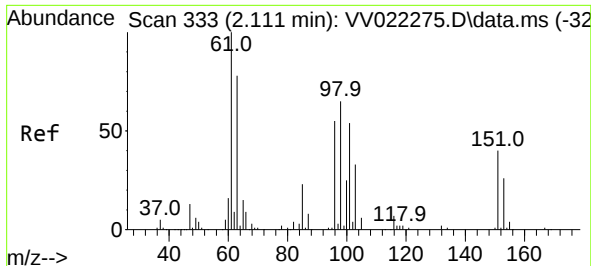
Tgt Ion: 64 Resp: 31496
Ion Ratio Lower Upper
64 100
66 30.3 23.6 43.8



#9
Trichlorofluoromethane
Concen: 5.059 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion:101 Resp: 68148
Ion Ratio Lower Upper
101 100
103 65.4 51.3 76.9

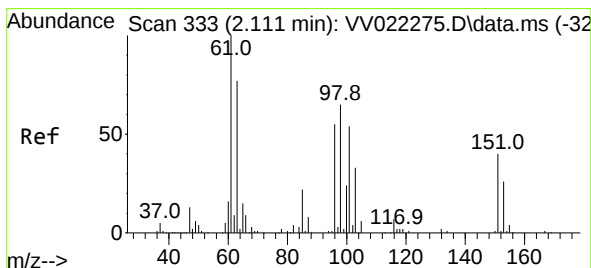
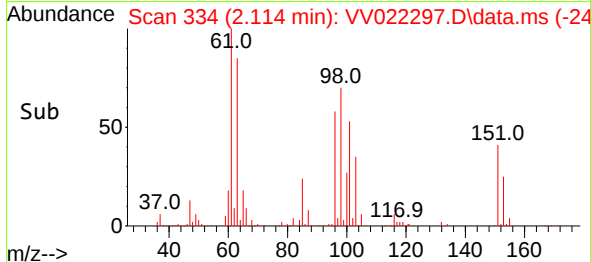
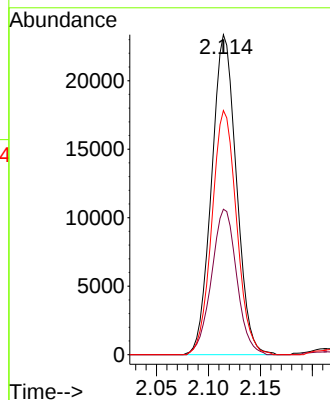
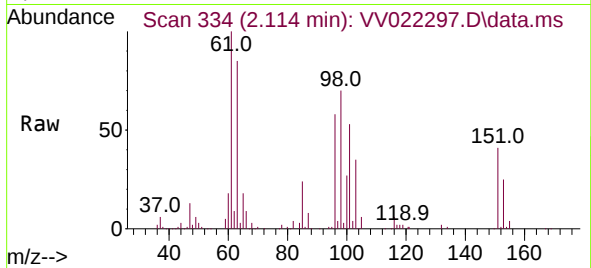




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.830 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV022297.D
 Acq: 23 Sep 2021 20:34

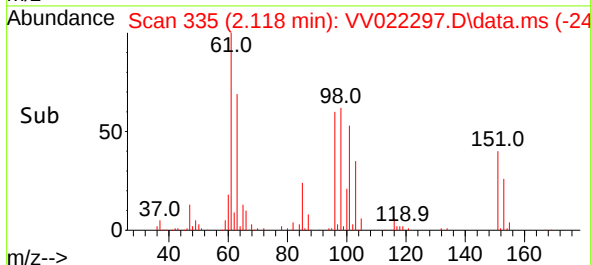
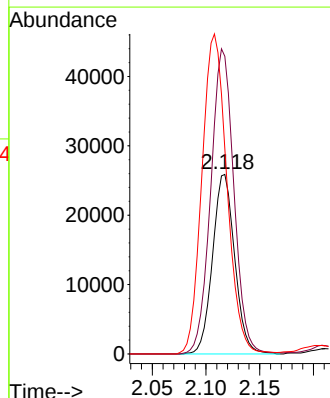
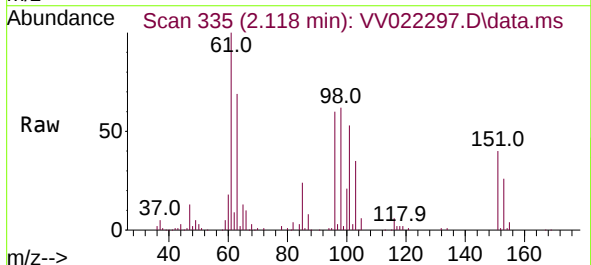
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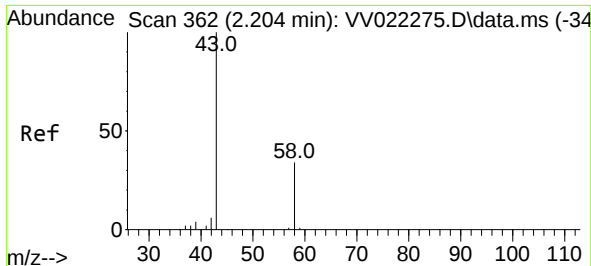
Tgt Ion:101 Resp: 38769
 Ion Ratio Lower Upper
 101 100
 85 46.2 35.2 52.8
 151 76.1 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 5.070 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.006 min
 Lab File: VV022297.D
 Acq: 23 Sep 2021 20:34

Tgt Ion: 96 Resp: 37072
 Ion Ratio Lower Upper
 96 100
 61 165.7 127.4 236.6
 63 114.2 100.0 185.6

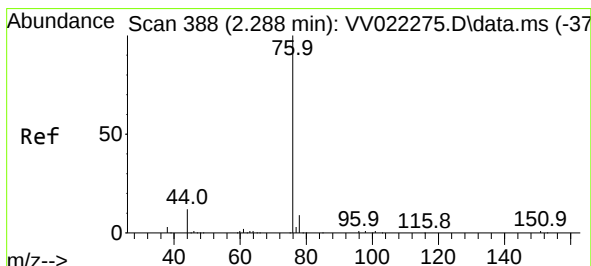
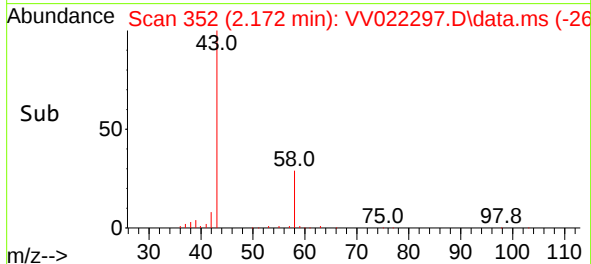
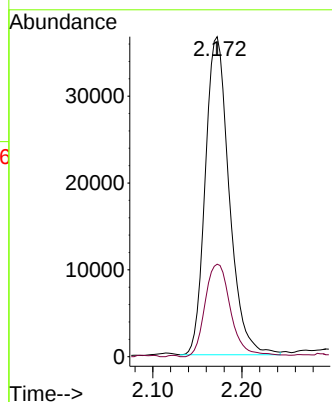
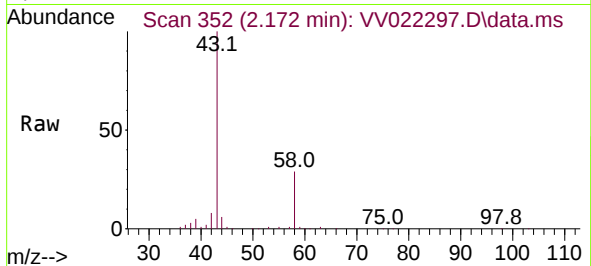




#13
Acetone
Concen: 44.876 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.032 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

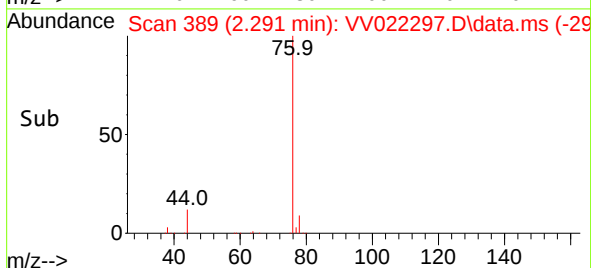
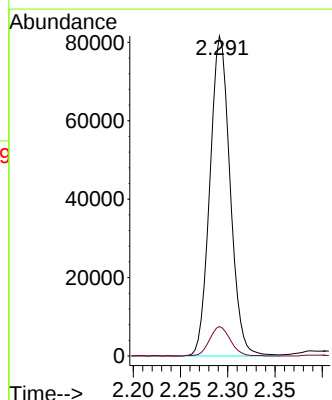
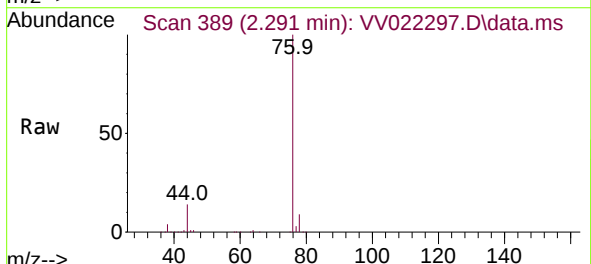
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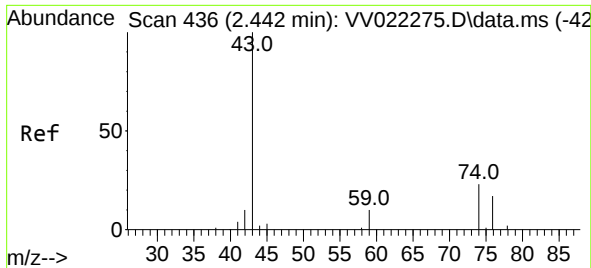
Tgt Ion: 43 Resp: 68176
Ion Ratio Lower Upper
43 100
58 31.6 0.0 66.2



#14
Carbon disulfide
Concen: 4.885 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion: 76 Resp: 121469
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

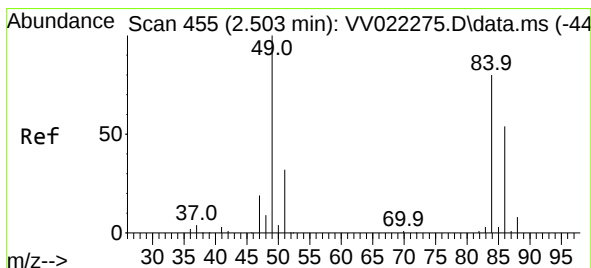
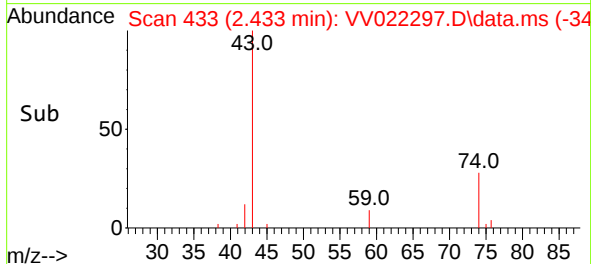
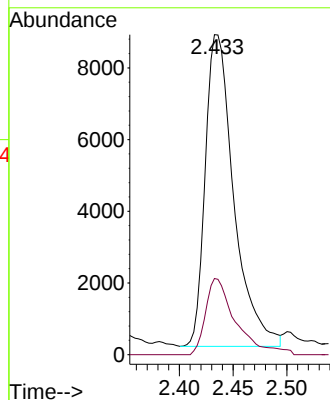
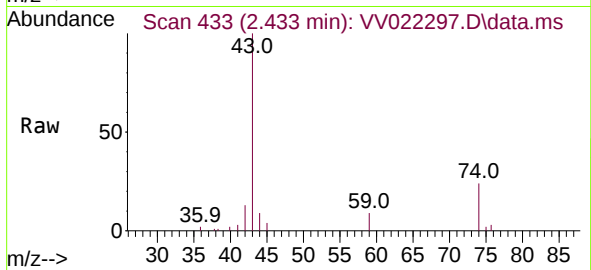




#15
Methyl Acetate
Concen: 4.776 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.010 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

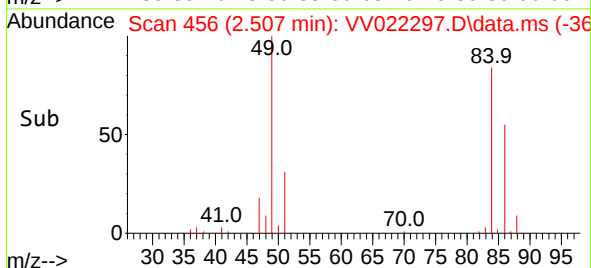
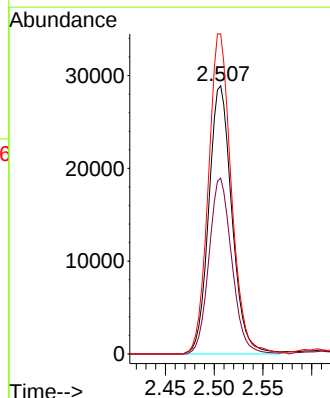
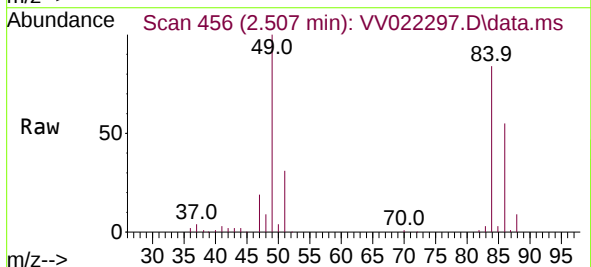
Instrument :
MSVOA_V
ClientSampled :

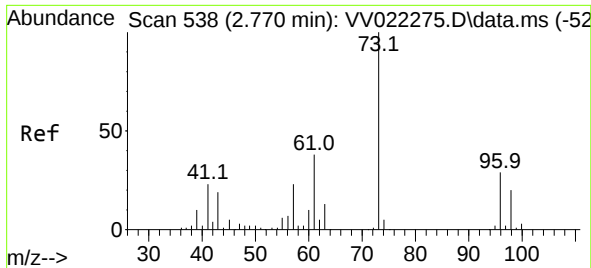
Tgt Ion: 43 Resp: 16102
Ion Ratio Lower Upper
43 100
74 25.8 17.5 26.3



#16
Methylene chloride
Concen: 3.758 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion: 84 Resp: 47824
Ion Ratio Lower Upper
84 100
86 65.6 47.1 87.5
49 119.3 86.9 161.5

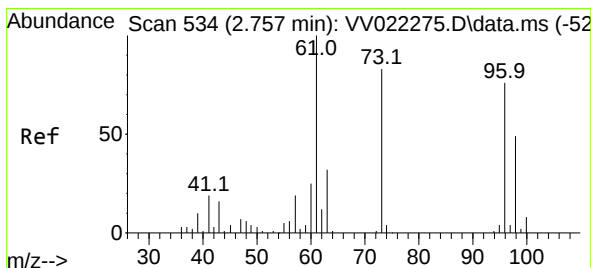
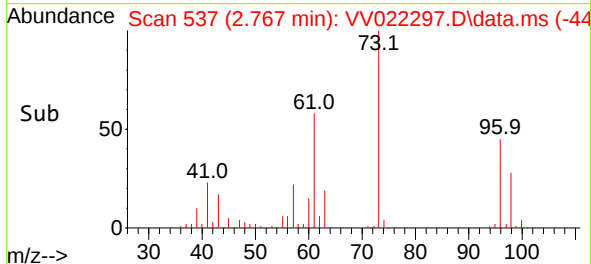
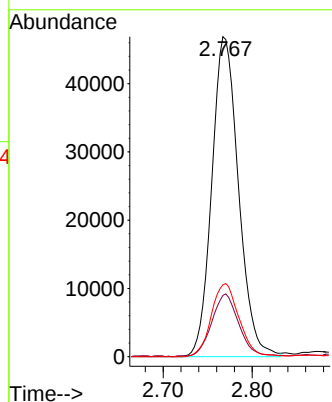
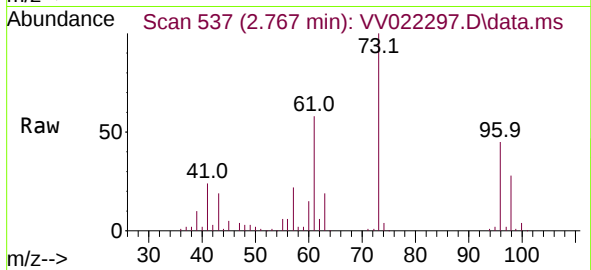




#17
Methyl tert-butyl Ether
Concen: 5.022 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

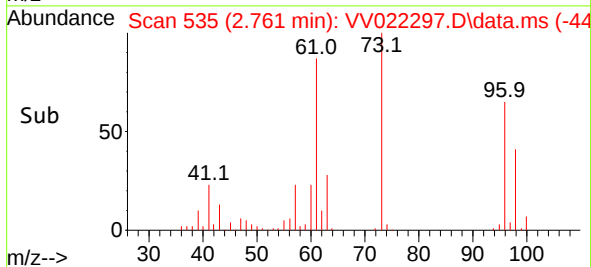
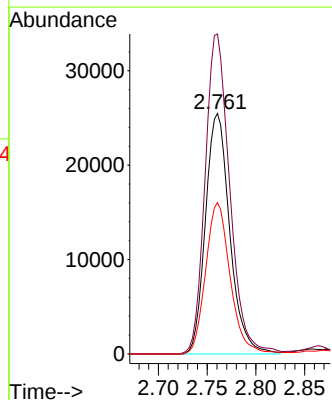
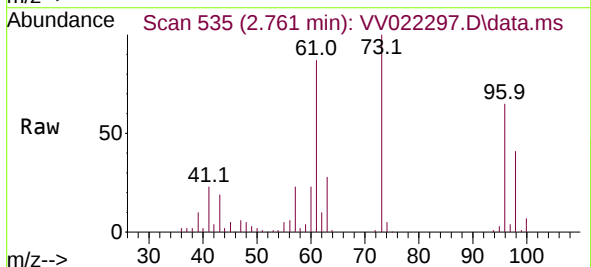
Instrument :
MSVOA_V
ClientSampleId :

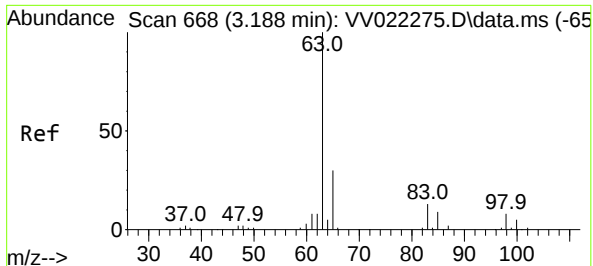
Tgt Ion: 73 Resp: 97664
Ion Ratio Lower Upper
73 100
43 20.1 15.0 22.6
57 23.7 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.065 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion: 96 Resp: 44252
Ion Ratio Lower Upper
96 100
61 133.0 92.0 170.9
98 62.9 44.7 83.1





#19

1,1-Dichloroethane

Concen: 5.041 ug/L

RT: 3.191 min Scan# 669

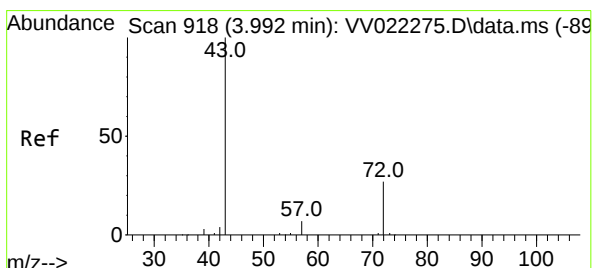
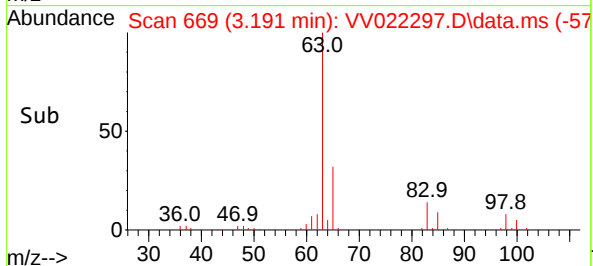
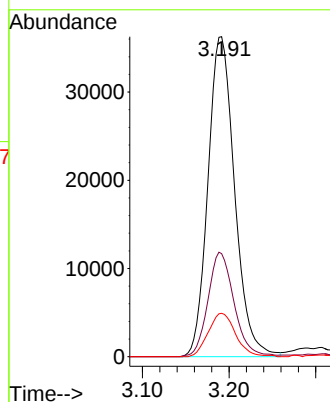
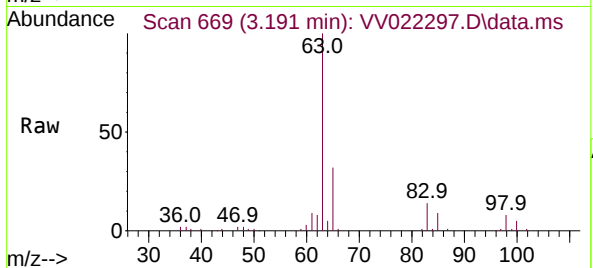
Delta R.T. 0.003 min

Lab File: VV022297.D

Acq: 23 Sep 2021 20:34

Tgt Ion:	63	Resp:	77688
Ion	Ratio	Lower	Upper
63	100		
65	32.2	20.6	38.4
83	13.6	9.4	17.4

Instrument :
MSVOA_V
ClientSampled :



#21

2-Butanone

Concen: 50.562 ug/L

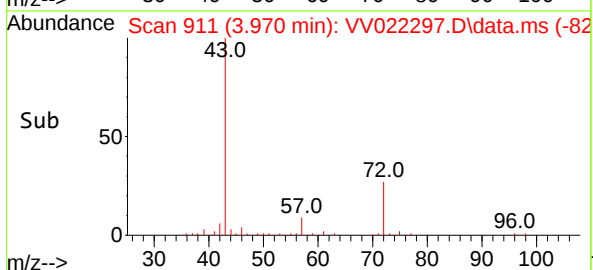
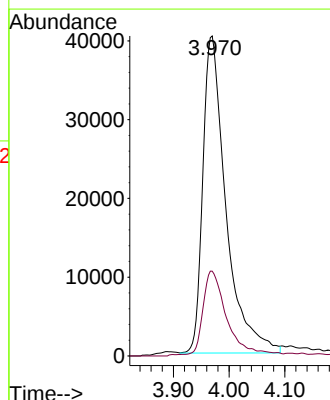
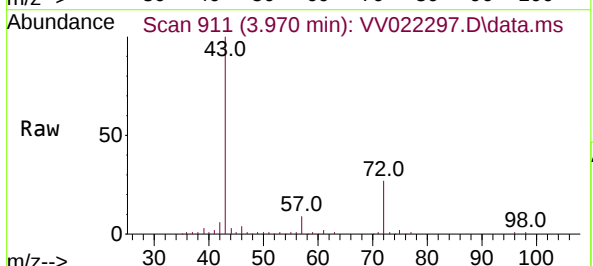
RT: 3.970 min Scan# 911

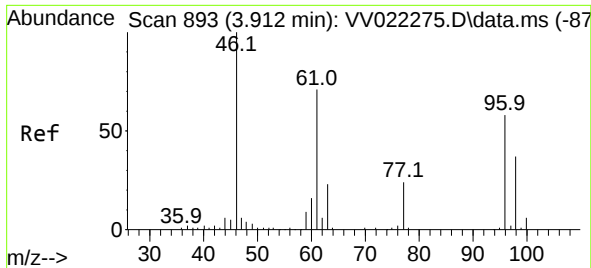
Delta R.T. -0.022 min

Lab File: VV022297.D

Acq: 23 Sep 2021 20:34

Tgt Ion:	43	Resp:	116205
Ion	Ratio	Lower	Upper
43	100		
72	26.2	12.4	37.2

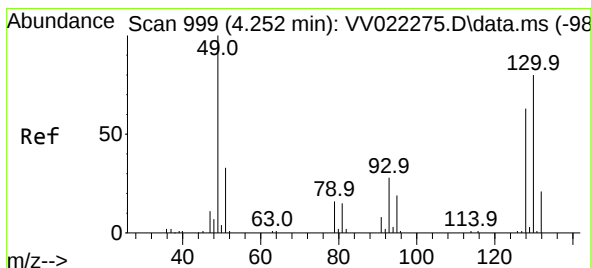
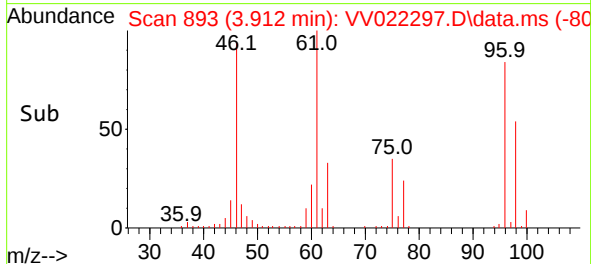
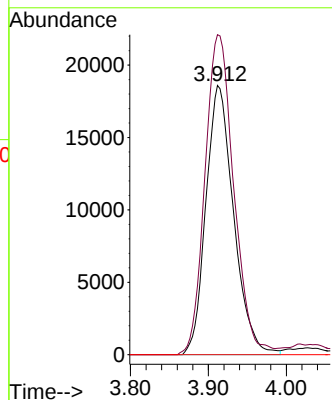
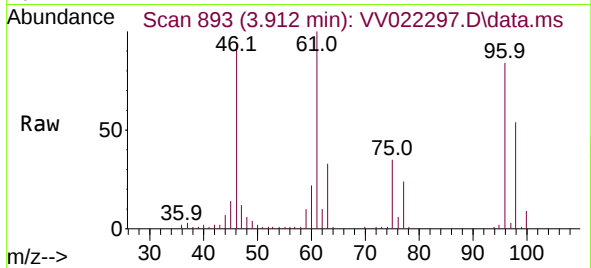




#22
cis-1,2-Dichloroethene
Concen: 5.305 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

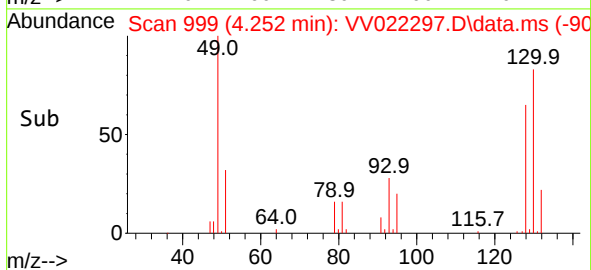
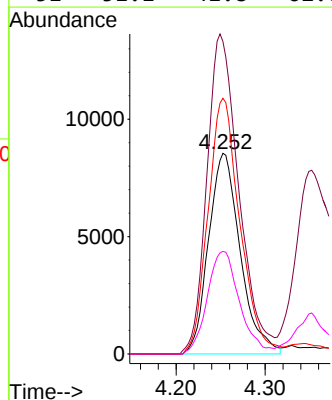
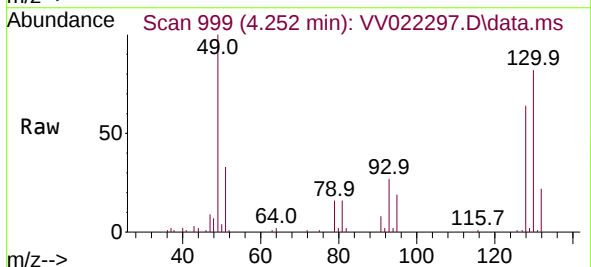
Instrument :
MSVOA_V
ClientSampled :

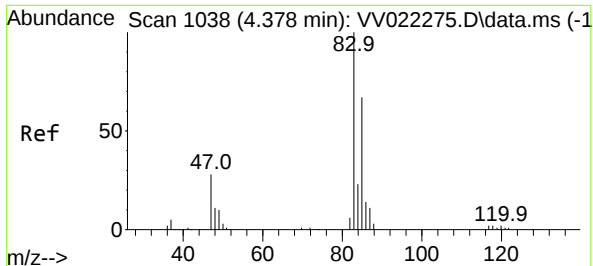
Tgt Ion:	96	Resp:	46059
Ion	Ratio	Lower	Upper
96	100		
61	118.8	85.8	159.3
68	0.0	0.0	0.0



#23
Bromochloromethane
Concen: 5.149 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion:	128	Resp:	21105
Ion	Ratio	Lower	Upper
128	100		
49	155.8	110.9	205.9
130	127.4	88.3	163.9
51	51.1	41.8	62.6





#25

Chloroform

Concen: 5.175 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV022297.D

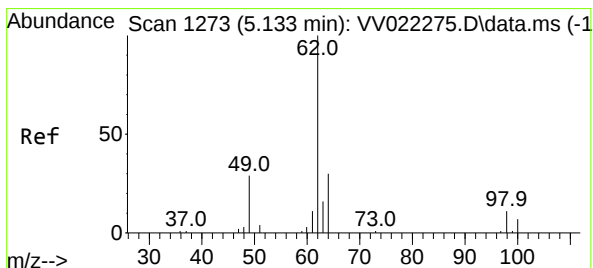
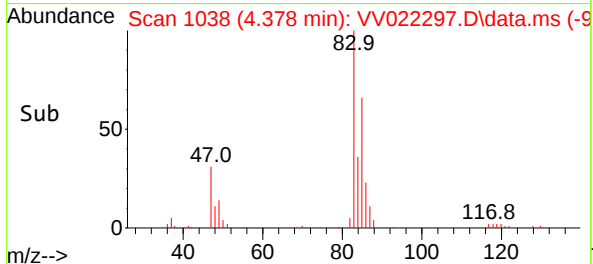
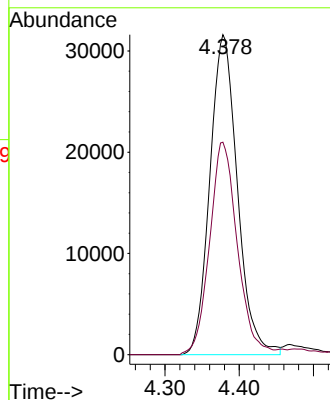
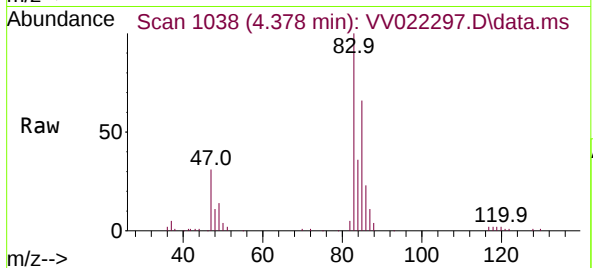
Acq: 23 Sep 2021 20:34

Tgt Ion: 83 Resp: 81498

Ion Ratio Lower Upper

83 100

85 66.4 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.100 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV022297.D

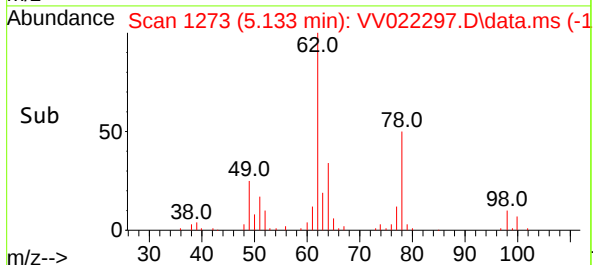
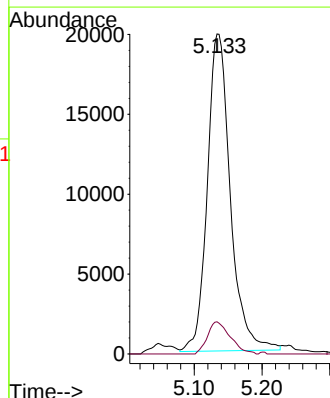
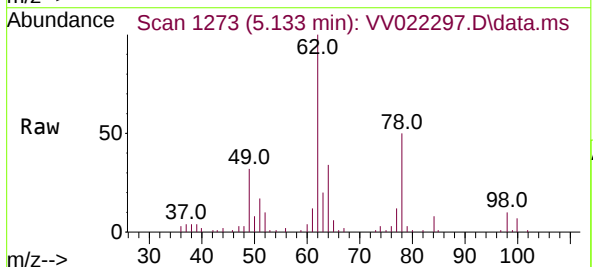
Acq: 23 Sep 2021 20:34

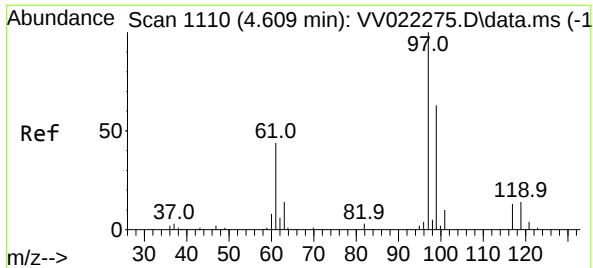
Tgt Ion: 62 Resp: 46901

Ion Ratio Lower Upper

62 100

98 10.0 8.8 13.2

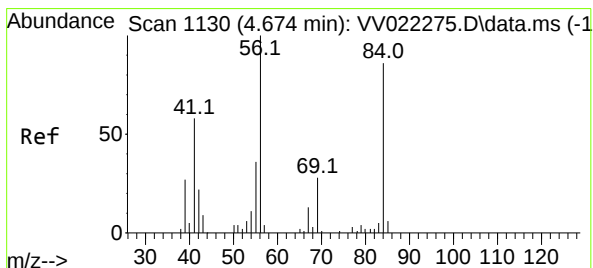
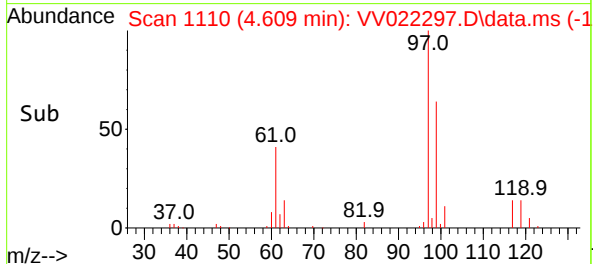
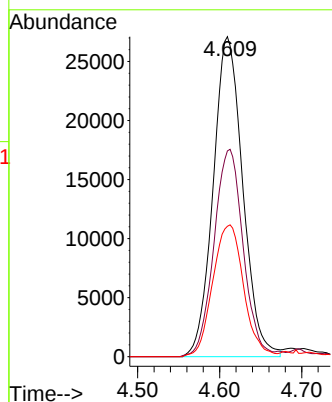
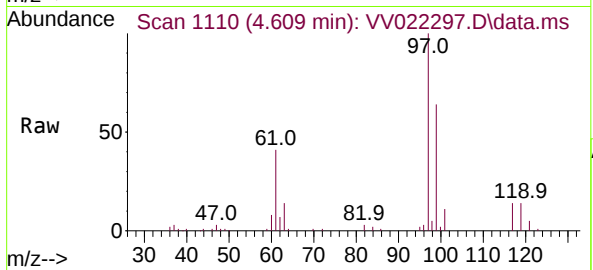




#29
1,1,1-Trichloroethane
Concen: 5.205 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

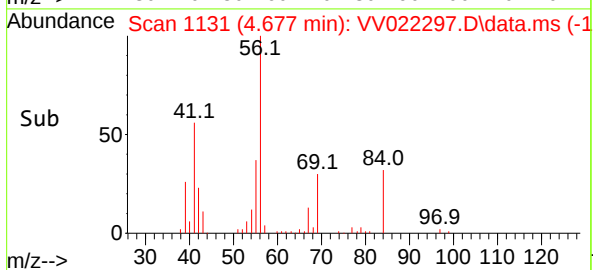
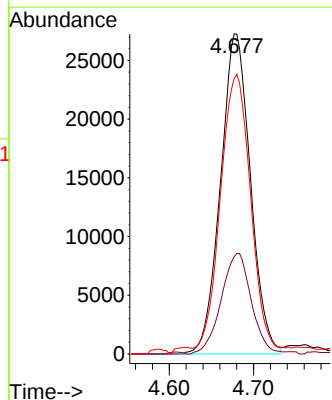
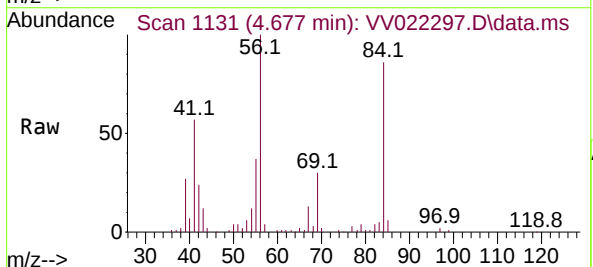
Instrument :
MSVOA_V
ClientSampleId :

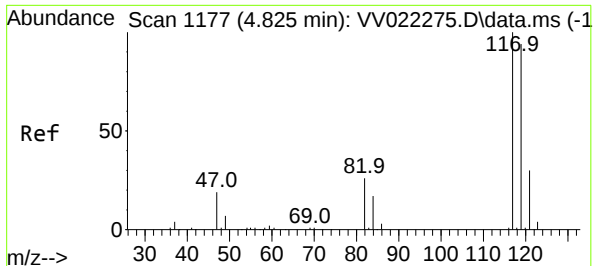
Tgt Ion:	97	Resp:	67955
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.5	77.3
61	42.9	35.5	53.3



#30
Cyclohexane
Concen: 5.153 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion:	56	Resp:	67165
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.1	36.1
84	86.4	70.8	106.2

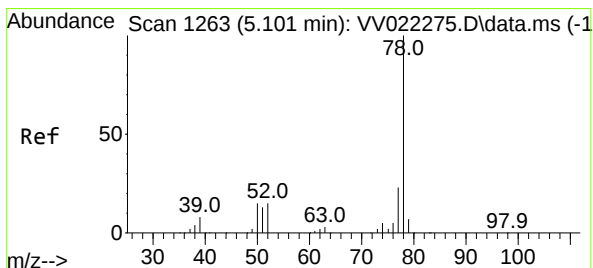
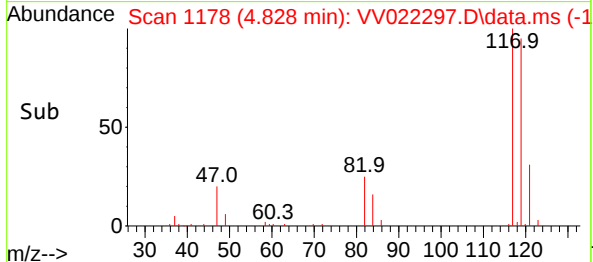
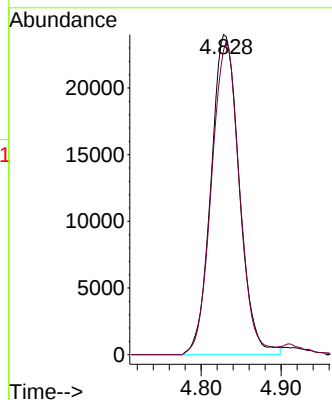
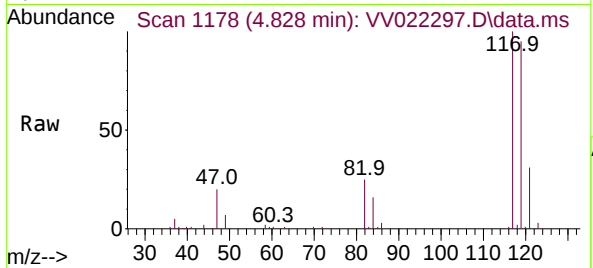




#31
Carbon tetrachloride
Concen: 5.296 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

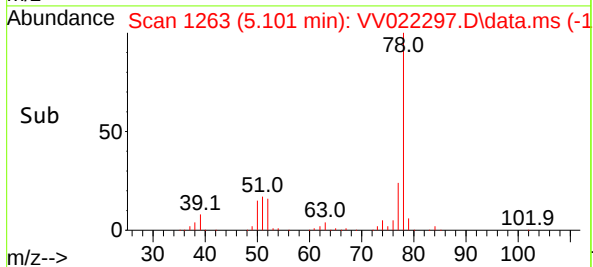
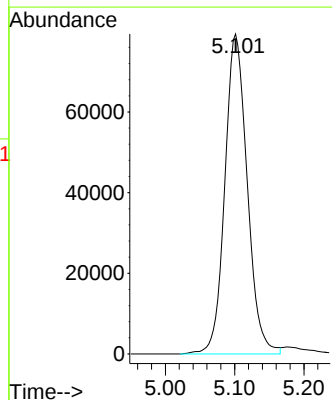
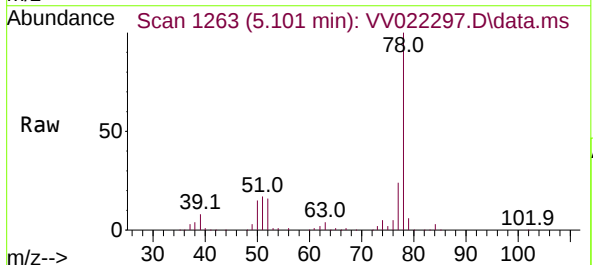
Instrument :
MSVOA_V
ClientSampled :

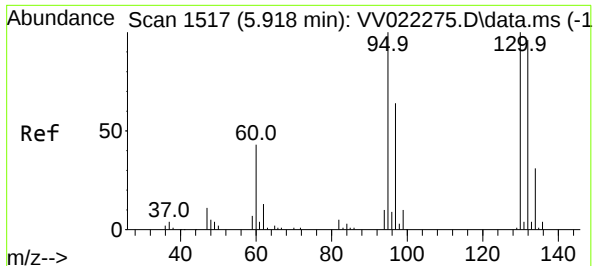
Tgt Ion:117 Resp: 58739
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7



#33
Benzene
Concen: 5.406 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion: 78 Resp: 178257

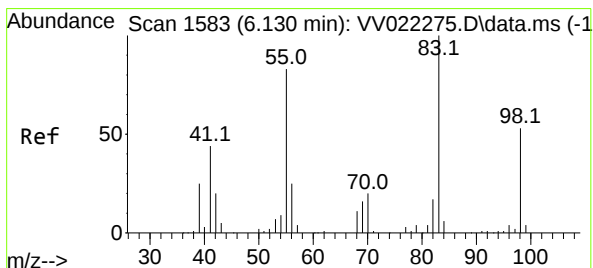
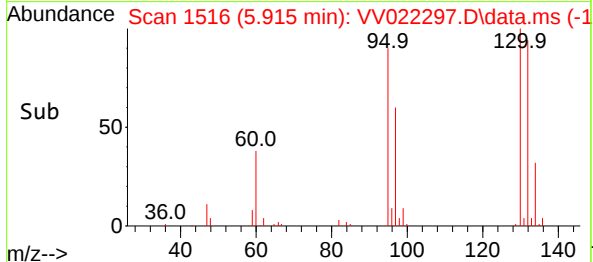
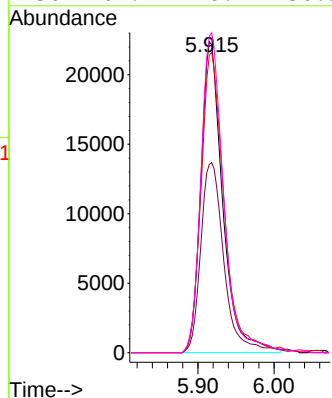
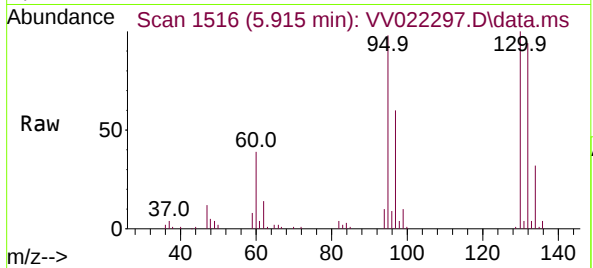




#34
Trichloroethene
Concen: 5.357 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

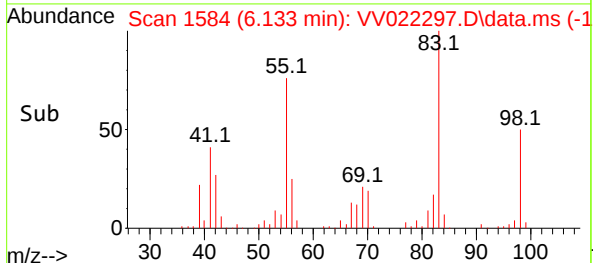
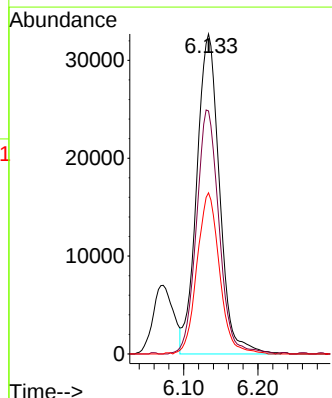
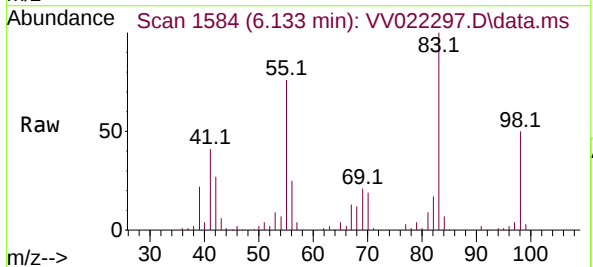
Instrument :
MSVOA_V
ClientSampleId :

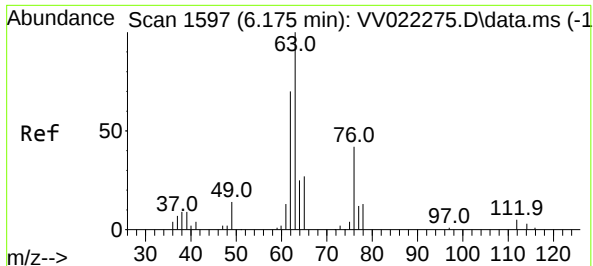
Tgt Ion: 95 Resp: 44884
Ion Ratio Lower Upper
95 100
97 60.6 44.7 82.9
132 95.7 67.5 125.3
130 101.7 70.1 130.3



#35
Methylcyclohexane
Concen: 5.208 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion: 83 Resp: 69688
Ion Ratio Lower Upper
83 100
55 76.0 60.2 90.2
98 49.8 39.5 59.3



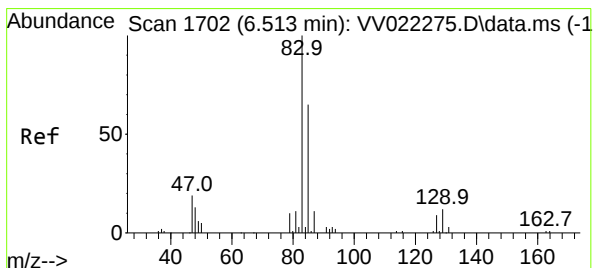
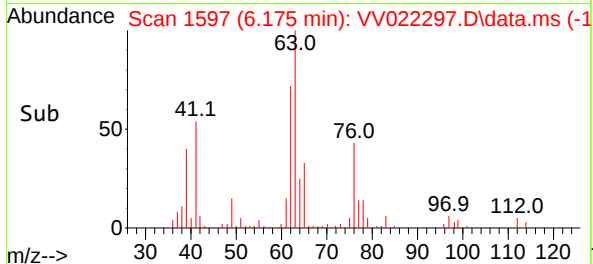
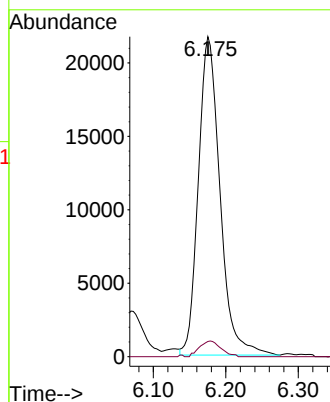
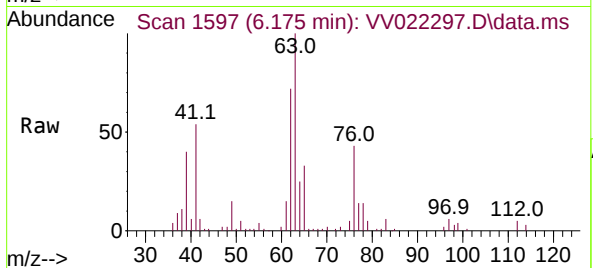


#37

1,2-Dichloropropane
Concen: 5.402 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Instrument :
MSVOA_V
ClientSampled :

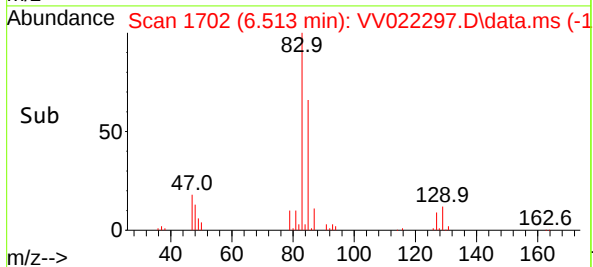
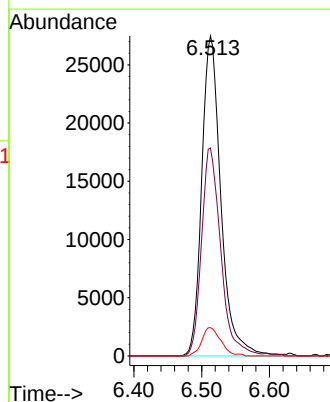
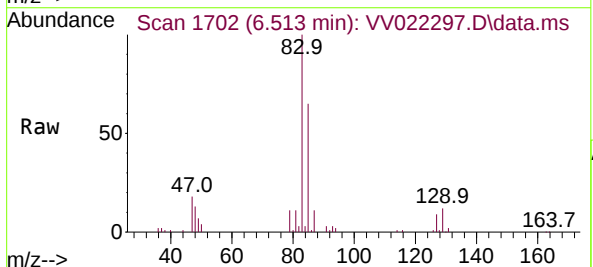
Tgt Ion: 63 Resp: 44970
Ion Ratio Lower Upper
63 100
112 4.9 4.2 6.2

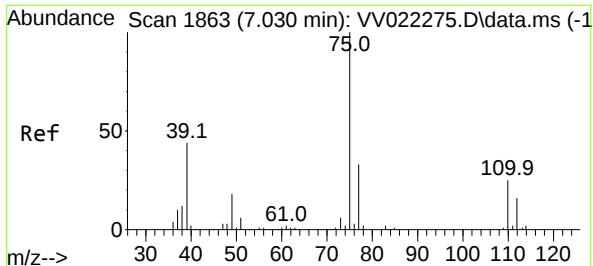


#38

Bromodichloromethane
Concen: 5.383 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion: 83 Resp: 53987
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.4
127 8.9 7.0 10.4

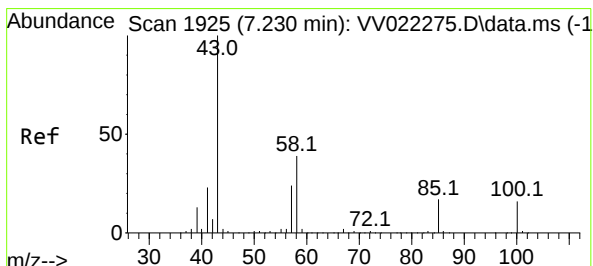
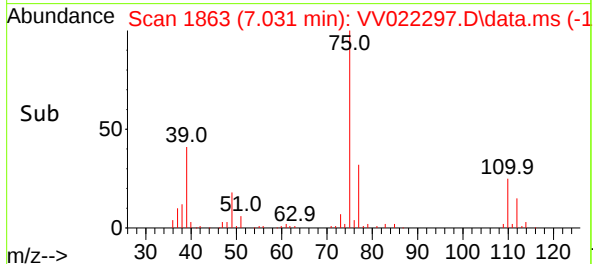
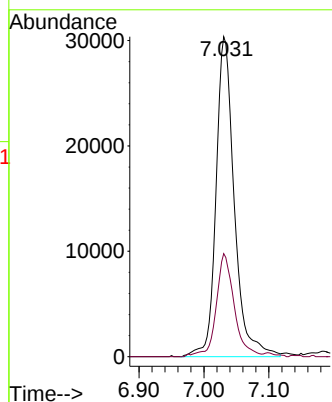
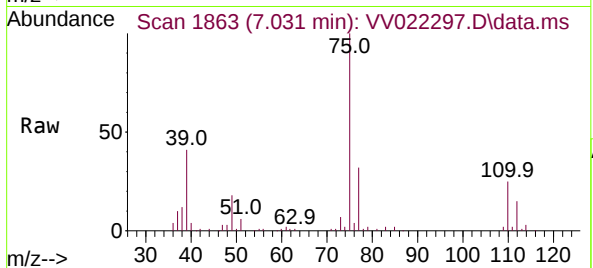




#39
 cis-1,3-Dichloropropene
 Concen: 5.379 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VV022297.D
 Acq: 23 Sep 2021 20:34

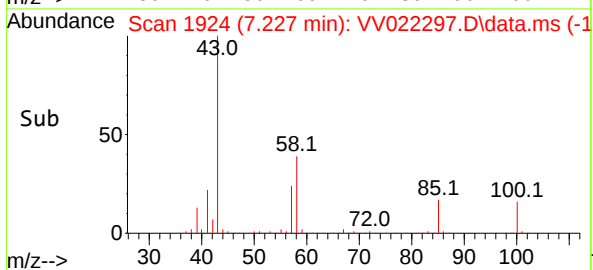
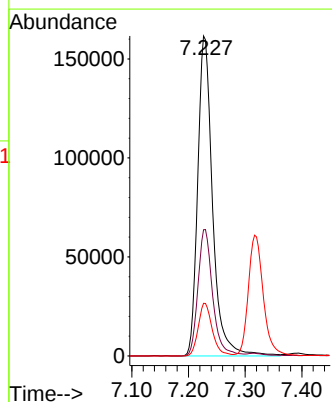
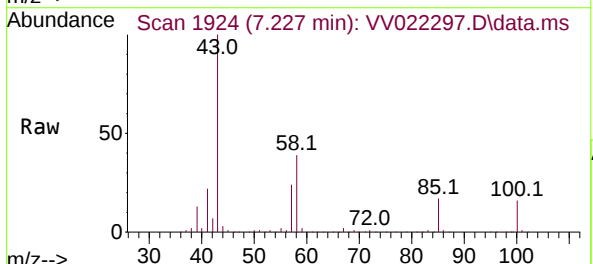
Instrument :
 MSVOA_V
 ClientSampled :

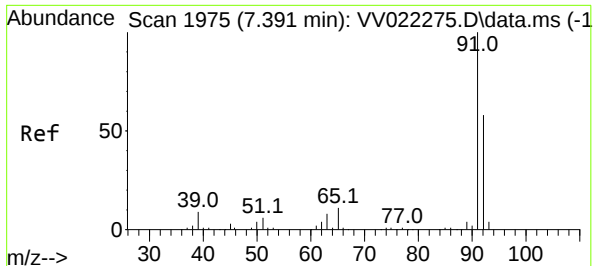
Tgt Ion: 75 Resp: 59219
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 54.922 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.003 min
 Lab File: VV022297.D
 Acq: 23 Sep 2021 20:34

Tgt Ion: 43 Resp: 294645
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.7 47.5
 100 15.5 12.2 18.4

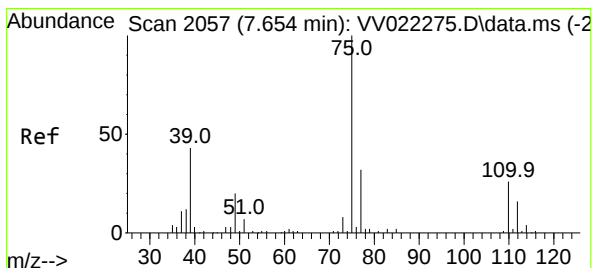
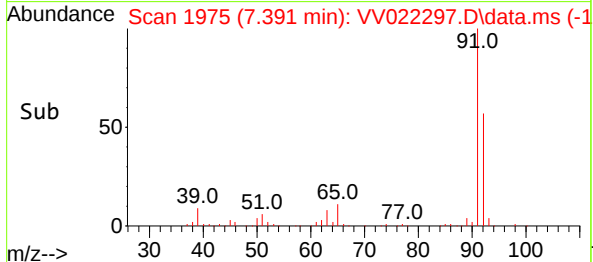
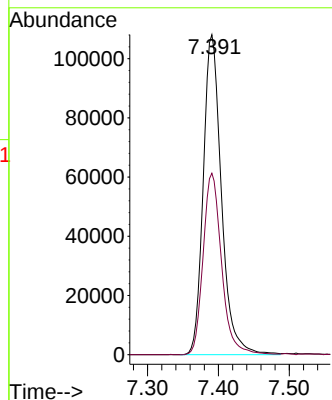
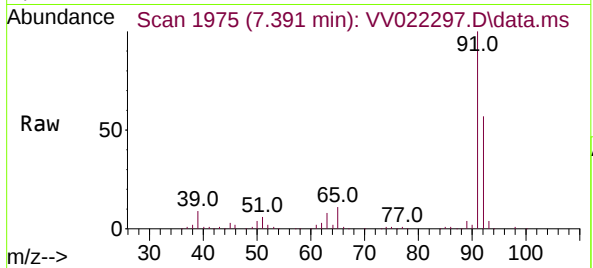




#42
Toluene
Concen: 5.517 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

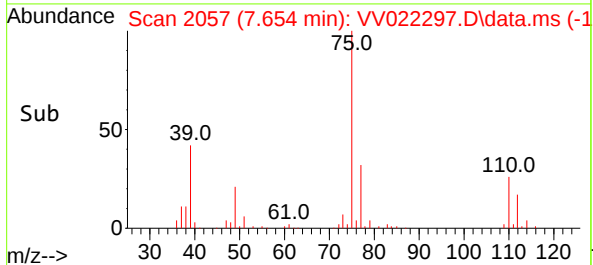
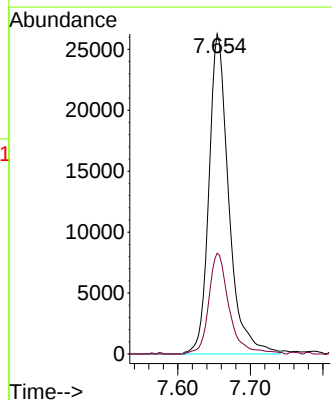
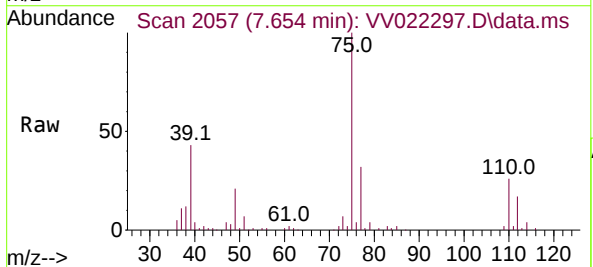
Instrument :
MSVOA_V
ClientSampled :

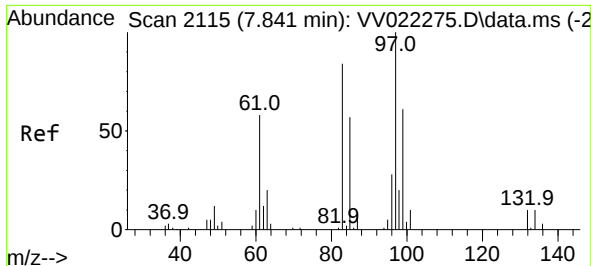
Tgt Ion: 91 Resp: 192718
Ion Ratio Lower Upper
91 100
92 56.7 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.308 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion: 75 Resp: 49952
Ion Ratio Lower Upper
75 100
77 31.5 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 5.312 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV022297.D

Acq: 23 Sep 2021 20:34

Tgt Ion: 97 Resp: 33436

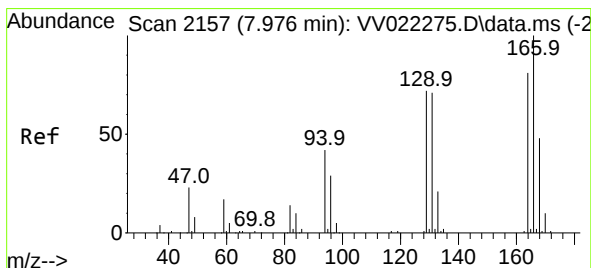
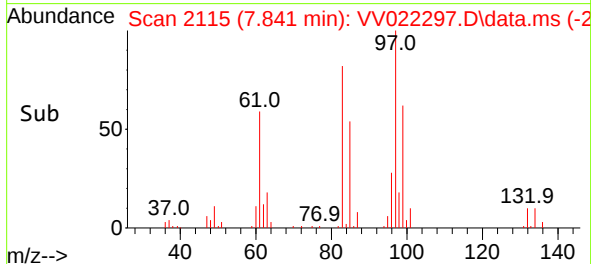
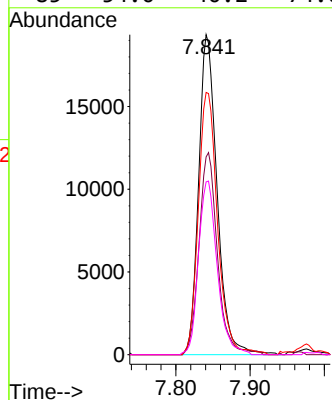
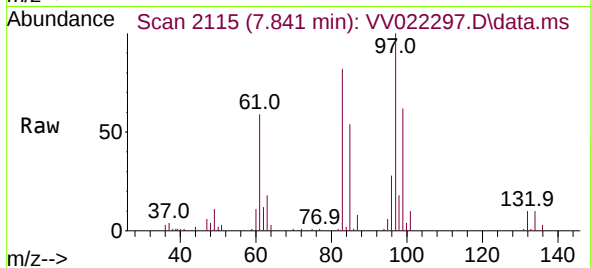
Ion Ratio Lower Upper

97 100

99 61.8 42.6 79.2

83 81.9 58.9 109.5

85 54.0 40.2 74.6



#47

Tetrachloroethene

Concen: 5.192 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022297.D

Acq: 23 Sep 2021 20:34

Tgt Ion: 164 Resp: 36894

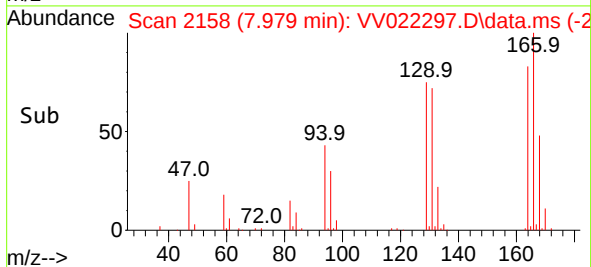
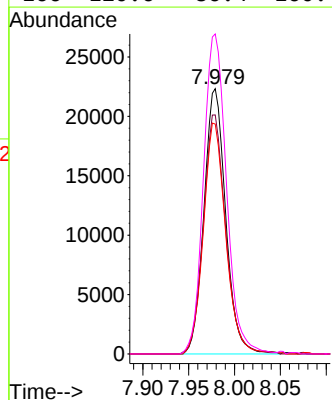
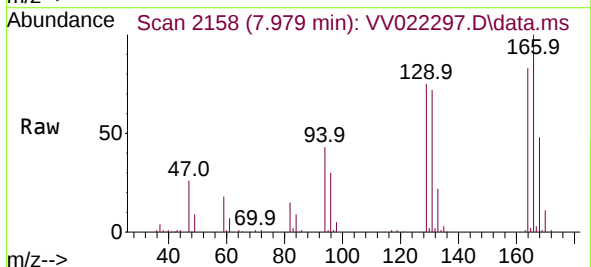
Ion Ratio Lower Upper

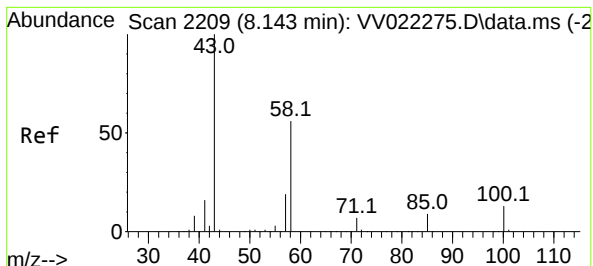
164 100

129 90.1 61.9 115.1

131 86.7 61.0 113.4

166 120.6 86.4 160.4





#48

2-Hexanone

Concen: 55.923 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. -0.003 min

Lab File: VV022297.D

Acq: 23 Sep 2021 20:34

Tgt Ion: 43 Resp: 210813

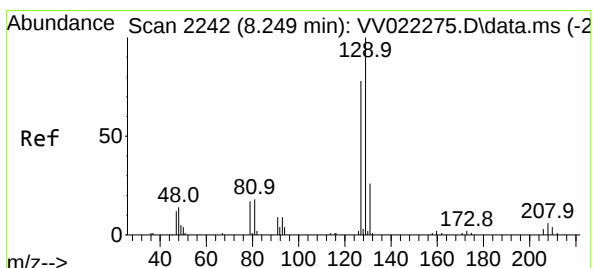
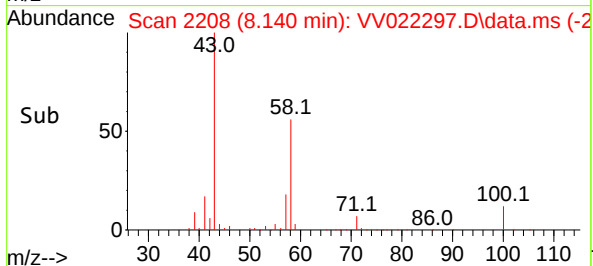
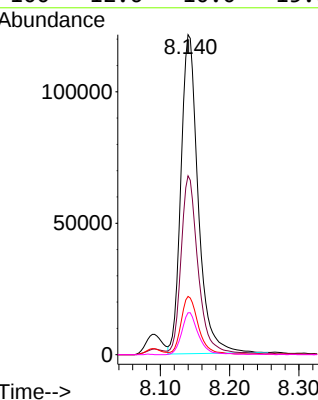
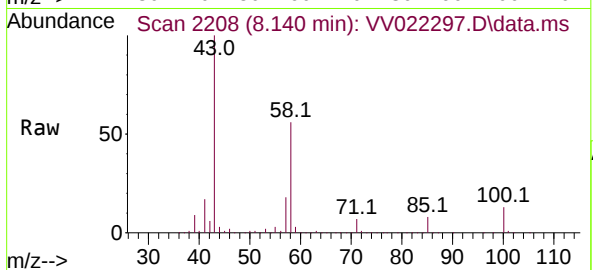
Ion Ratio Lower Upper

43 100

58 55.0 44.1 66.1

57 18.0 14.2 21.4

100 12.6 10.0 15.0



#49

Dibromochloromethane

Concen: 5.392 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VV022297.D

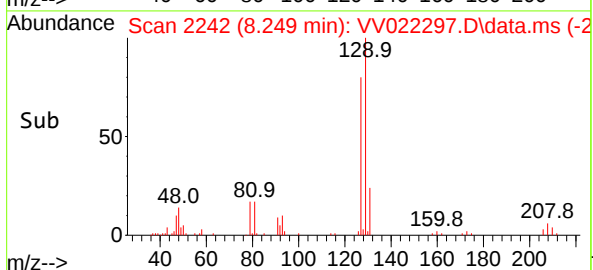
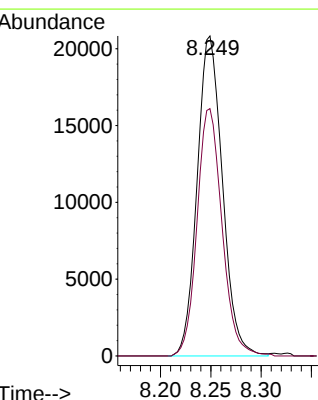
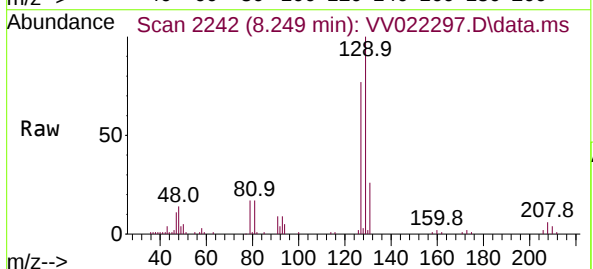
Acq: 23 Sep 2021 20:34

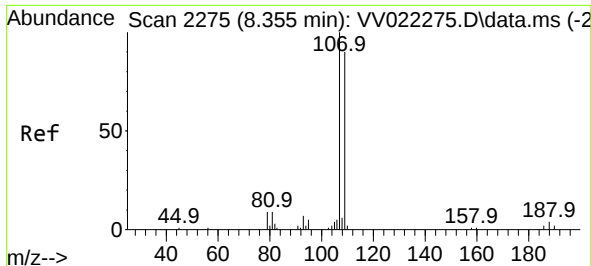
Tgt Ion: 129 Resp: 36500

Ion Ratio Lower Upper

129 100

127 77.3 54.5 101.3

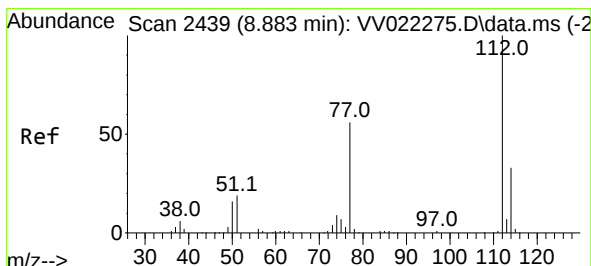
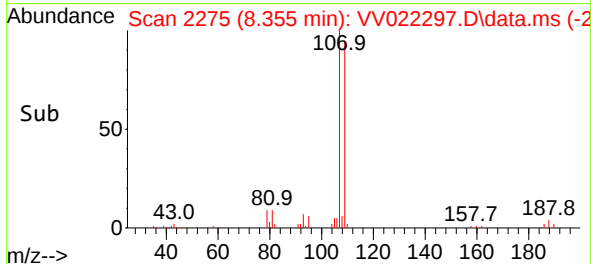
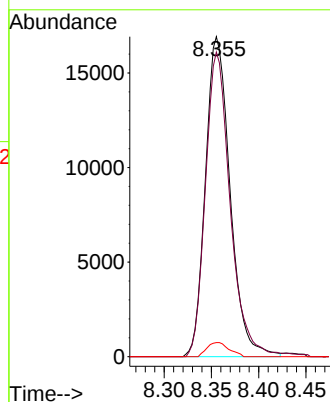
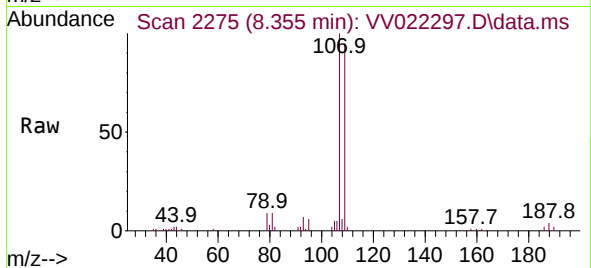




#50
1,2-Dibromoethane
Concen: 5.252 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

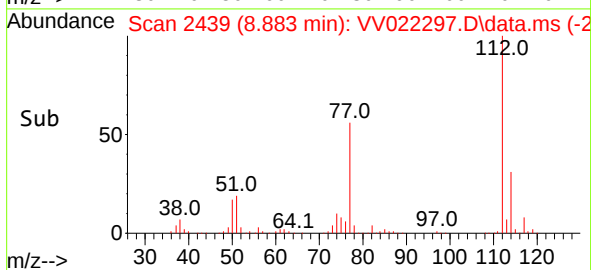
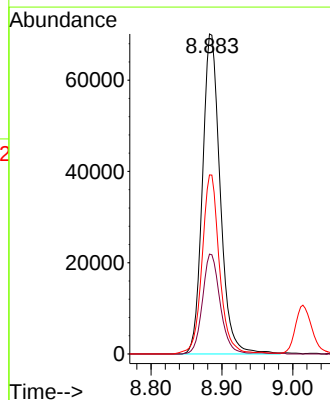
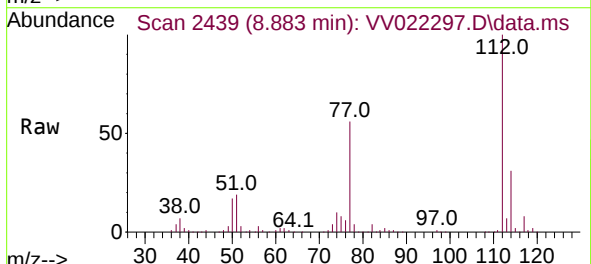
Instrument :
MSVOA_V
ClientSampled :

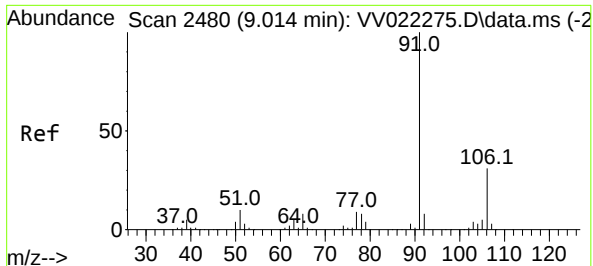
Tgt Ion:107 Resp: 30732
Ion Ratio Lower Upper
107 100
109 95.2 62.8 116.6
188 4.4 2.8 4.2#



#51
Chlorobenzene
Concen: 5.304 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion:112 Resp: 121706
Ion Ratio Lower Upper
112 100
114 31.2 23.4 43.4
77 55.9 45.2 67.8

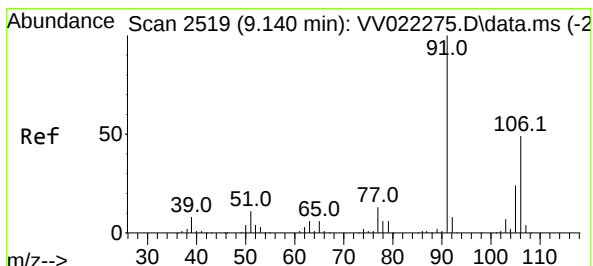
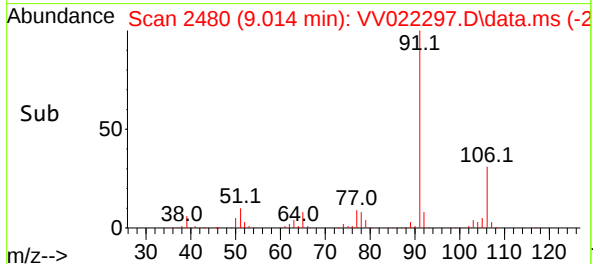
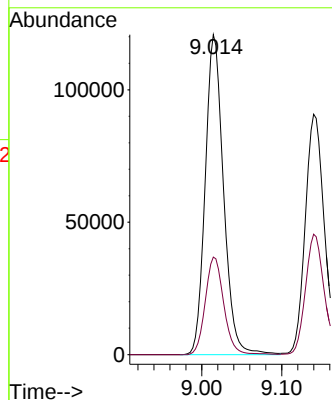
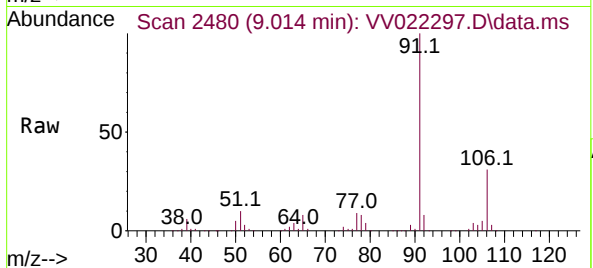




#52
Ethylbenzene
Concen: 5.304 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

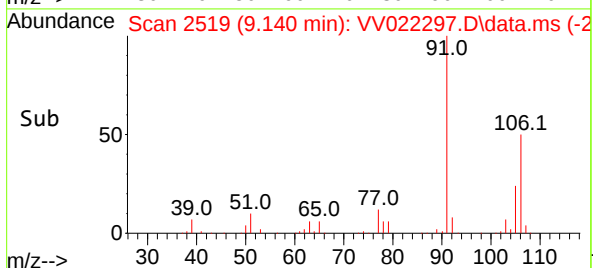
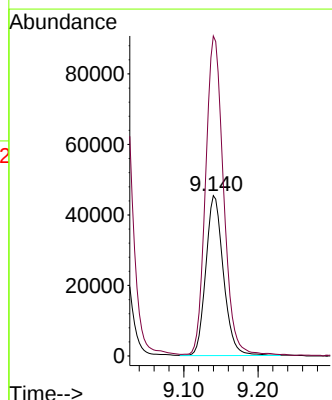
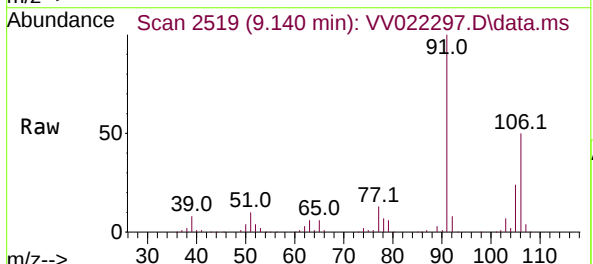
Instrument :
MSVOA_V
ClientSampled :

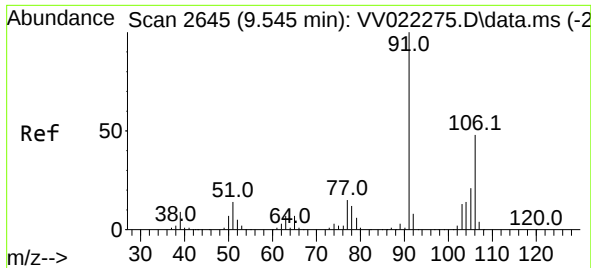
Tgt Ion: 91 Resp: 192737
Ion Ratio Lower Upper
91 100
106 30.5 22.0 40.8



#53
m,p-xylene
Concen: 5.315 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion: 106 Resp: 74581
Ion Ratio Lower Upper
106 100
91 199.6 142.7 264.9

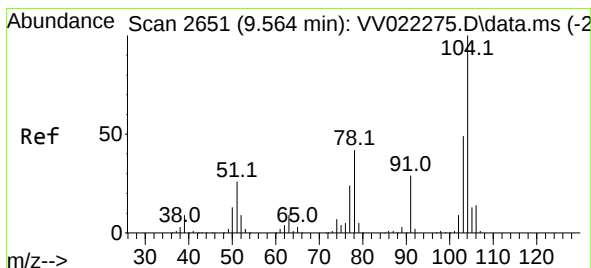
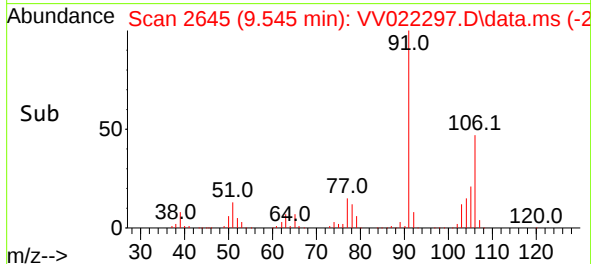
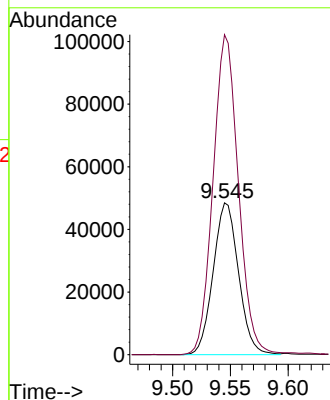
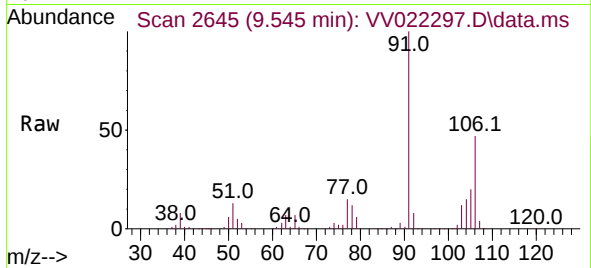




#54
o-xylene
Concen: 5.417 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

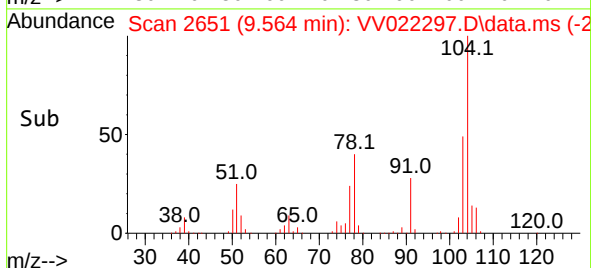
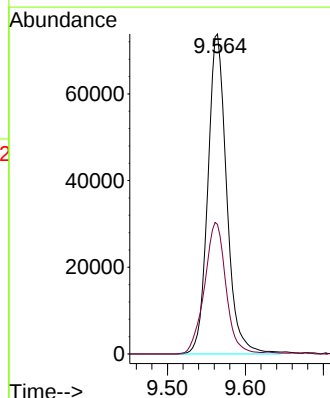
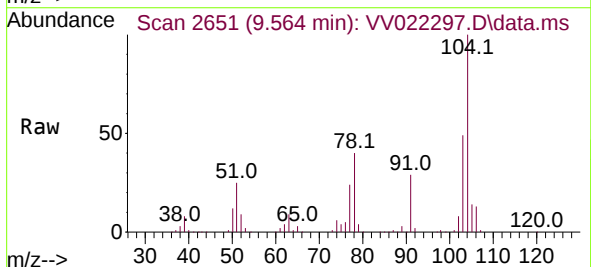
Instrument :
MSVOA_V
ClientSampled :

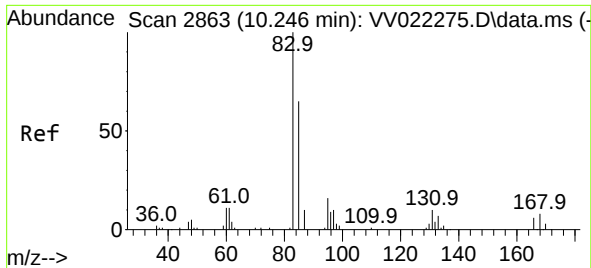
Tgt Ion:106 Resp: 74066
Ion Ratio Lower Upper
106 100
91 210.8 144.7 268.7



#55
Styrene
Concen: 5.463 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion:104 Resp: 123946
Ion Ratio Lower Upper
104 100
78 40.5 29.1 54.1

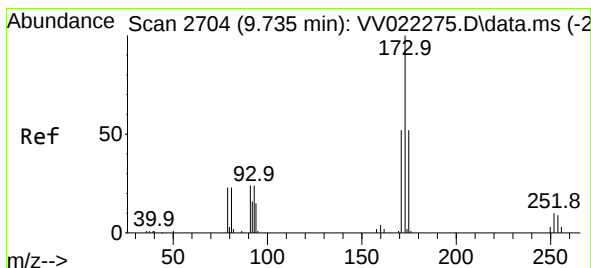
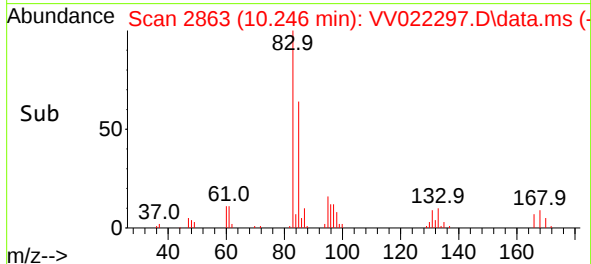
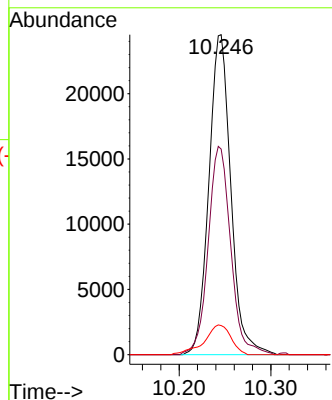
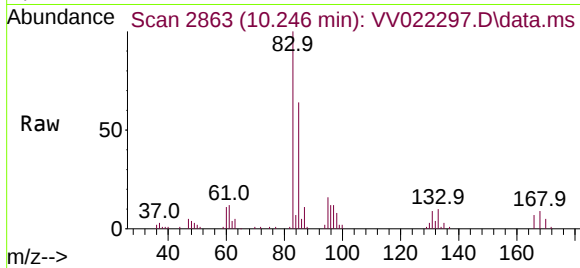




#57
1,1,2,2-Tetrachloroethane
Concen: 5.218 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

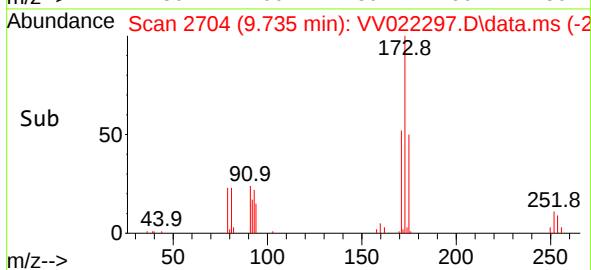
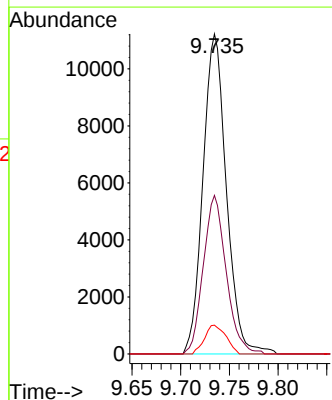
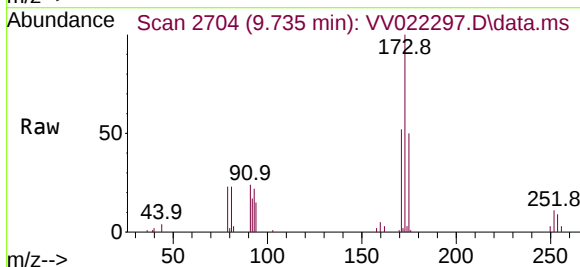
Instrument :
MSVOA_V
ClientSampled :

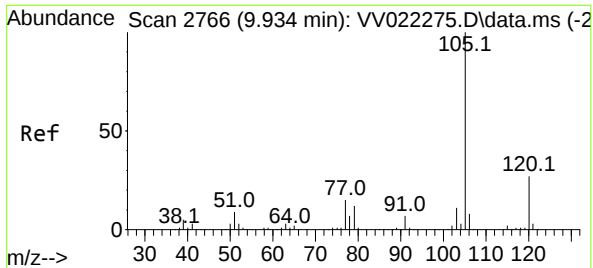
Tgt Ion:	83	Resp:	40783
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.3	84.1
131	9.1	8.9	13.3



#59
Bromoform
Concen: 5.089 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion:	173	Resp:	18746
Ion	Ratio	Lower	Upper
173	100		
175	48.5	40.9	61.3
254	8.2	7.4	11.2

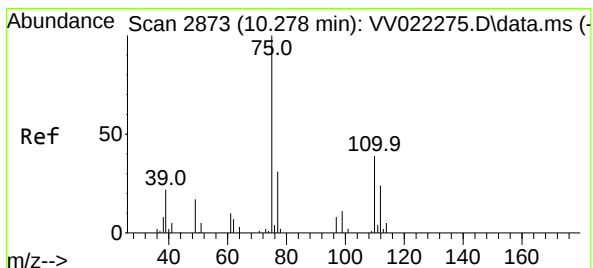
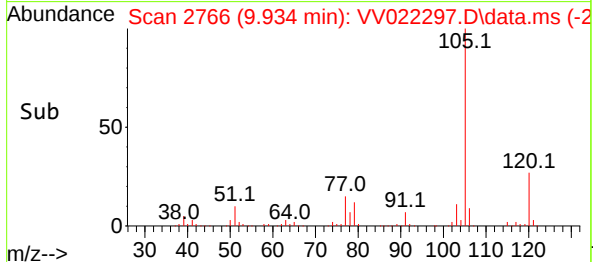
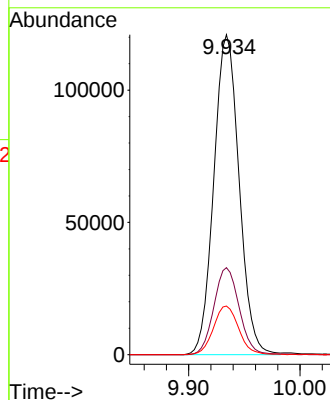
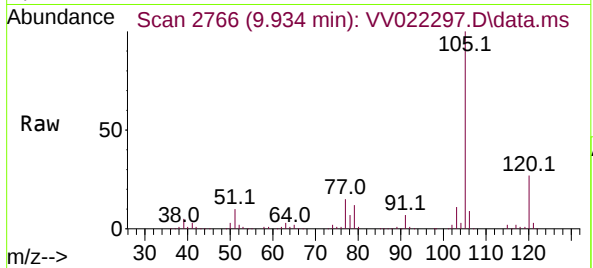




#60
Isopropylbenzene
Concen: 5.175 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

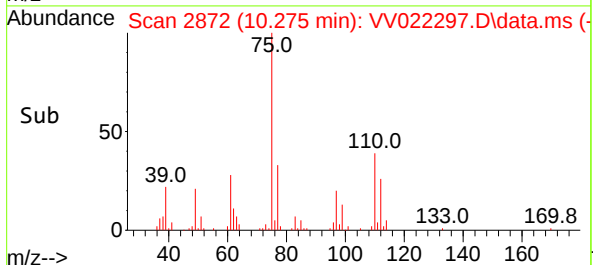
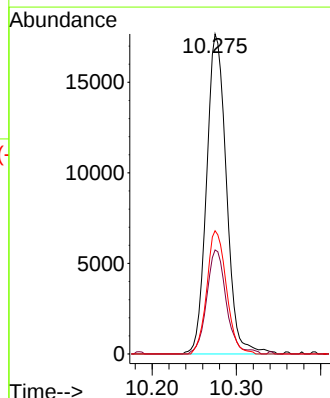
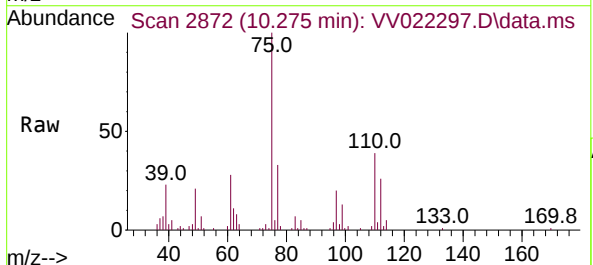
Instrument :
MSVOA_V
ClientSampleId :

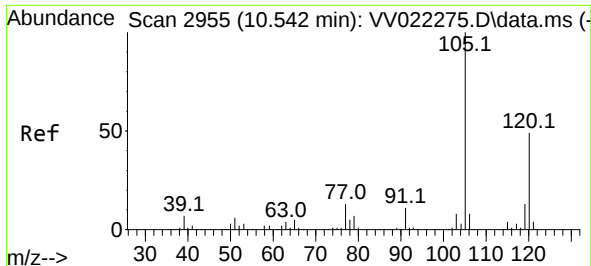
Tgt Ion:105 Resp: 190410
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 15.2 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.057 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion: 75 Resp: 28961
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
110 37.9 31.7 47.5

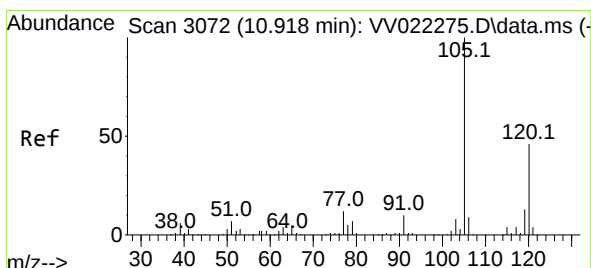
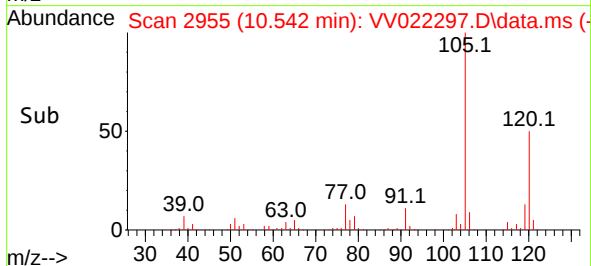
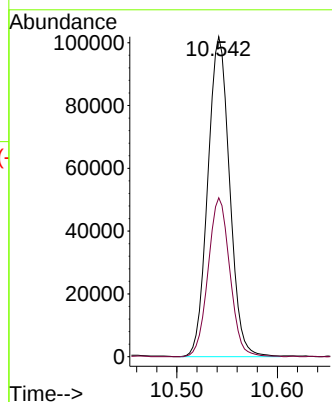
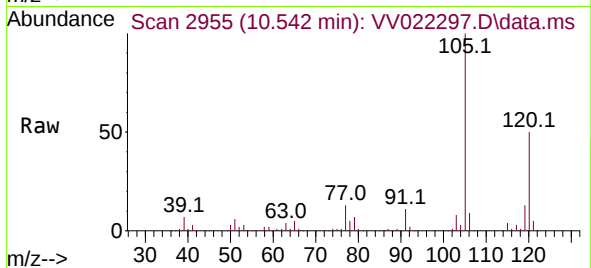




#62
1,3,5-Trimethylbenzene
Concen: 5.116 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

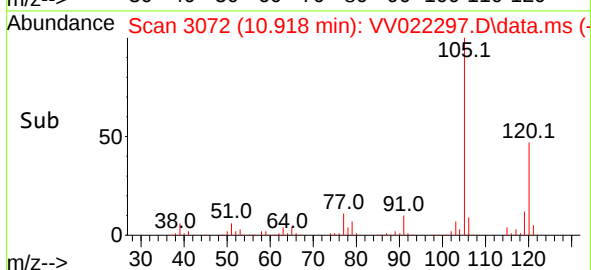
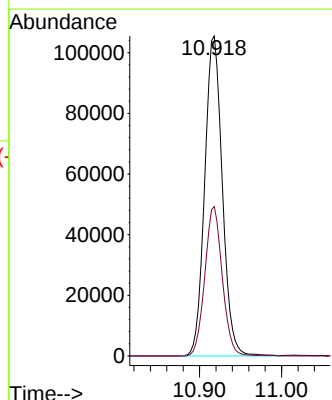
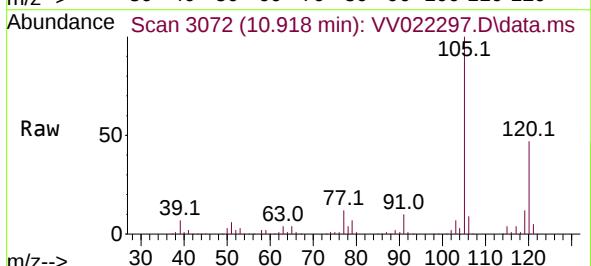
Instrument :
MSVOA_V
ClientSampled :

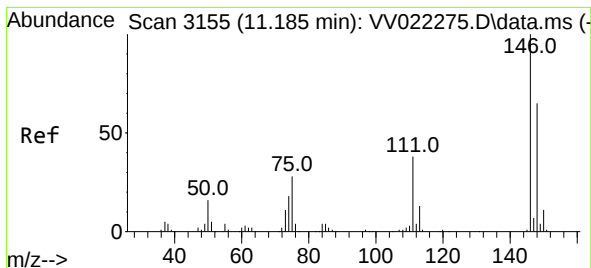
Tgt Ion:105 Resp: 153734
Ion Ratio Lower Upper
105 100
120 49.4 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.266 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion:105 Resp: 157734
Ion Ratio Lower Upper
105 100
120 46.1 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 5.177 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.003 min

Lab File: VV022297.D

Acq: 23 Sep 2021 20:34

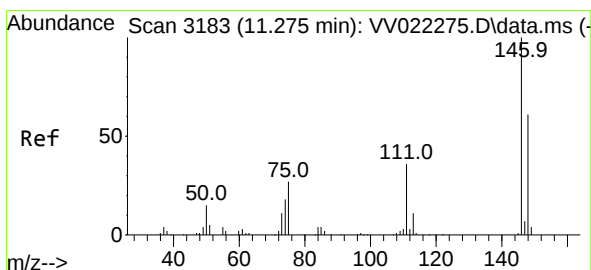
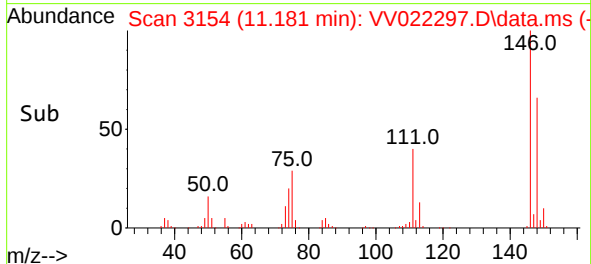
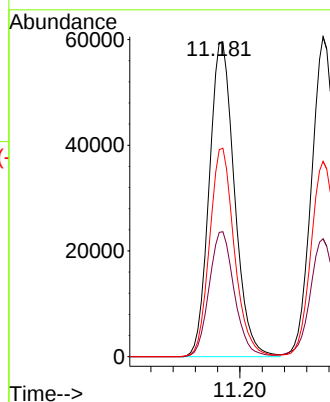
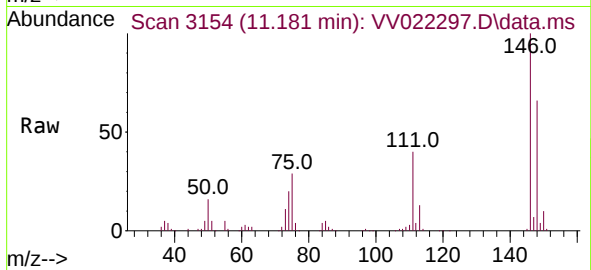
Tgt Ion:146 Resp: 93760

Ion Ratio Lower Upper

146 100

111 39.5 26.7 49.5

148 65.9 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 5.089 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV022297.D

Acq: 23 Sep 2021 20:34

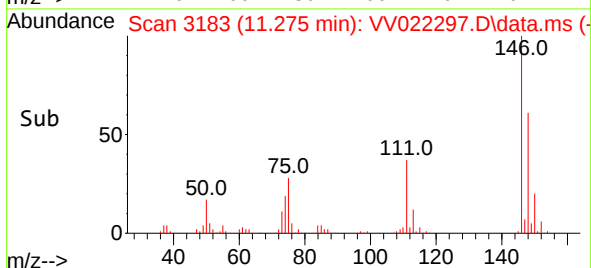
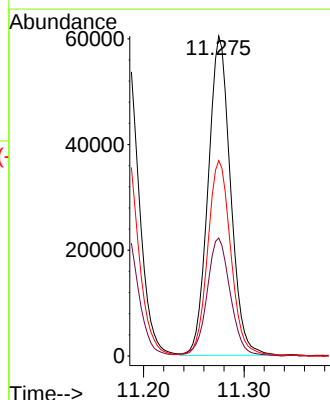
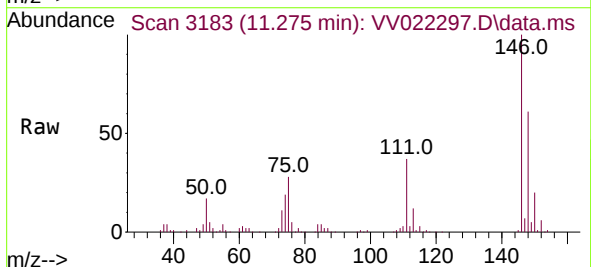
Tgt Ion:146 Resp: 93404

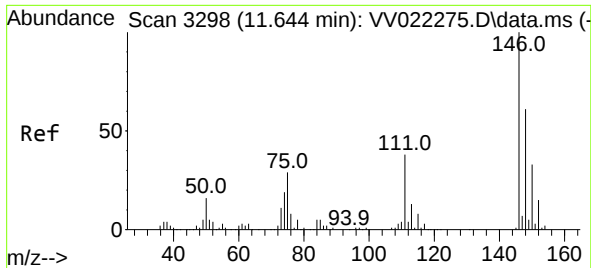
Ion Ratio Lower Upper

146 100

111 36.9 25.5 47.3

148 61.0 42.6 79.0

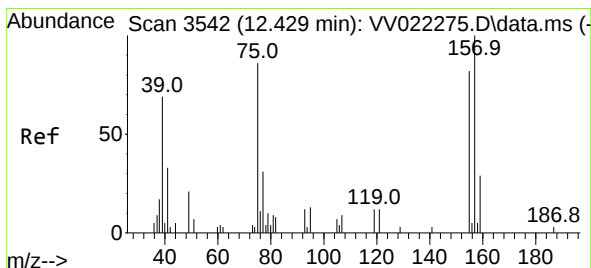
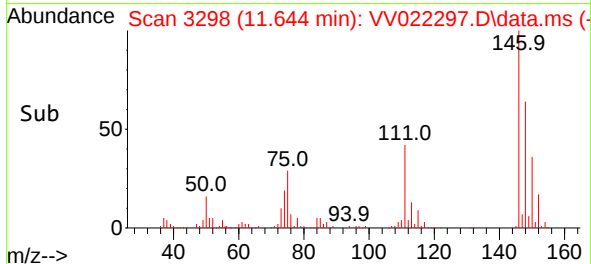
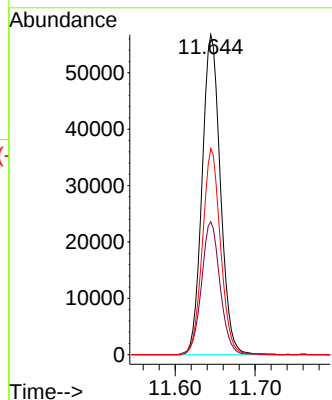
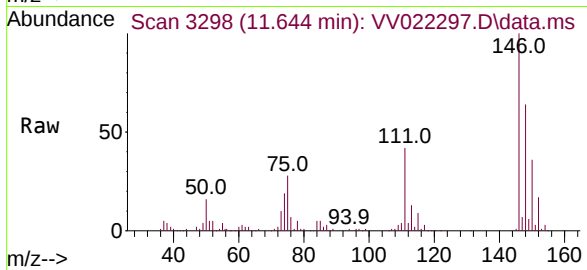




#67
1,2-Dichlorobenzene
Concen: 5.232 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

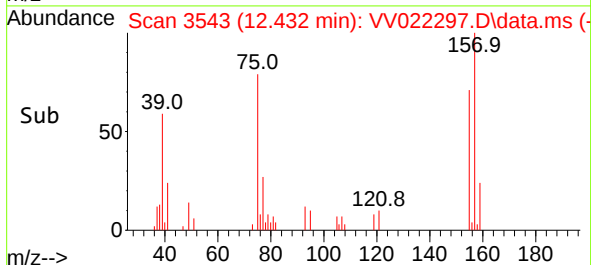
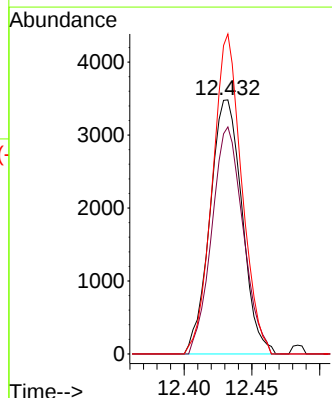
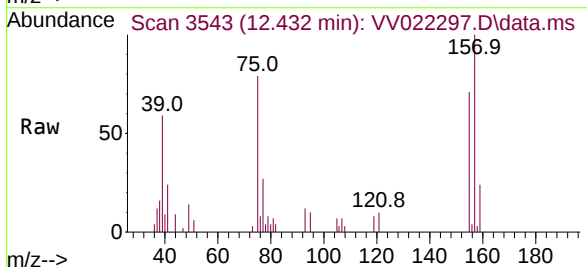
Instrument :
MSVOA_V
ClientSampleId :

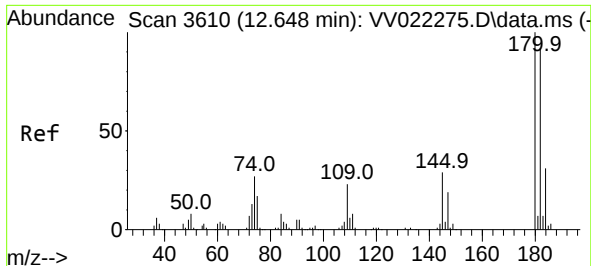
Tgt Ion:146 Resp: 90319
Ion Ratio Lower Upper
146 100
111 41.5 30.8 46.2
148 64.4 49.1 73.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.032 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion: 75 Resp: 5729
Ion Ratio Lower Upper
75 100
155 89.3 75.6 113.4
157 126.0 92.6 139.0

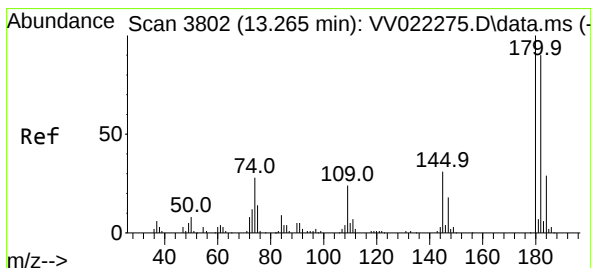
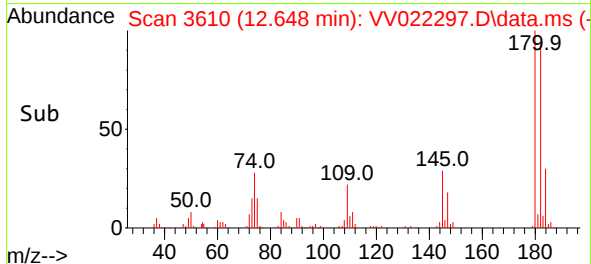
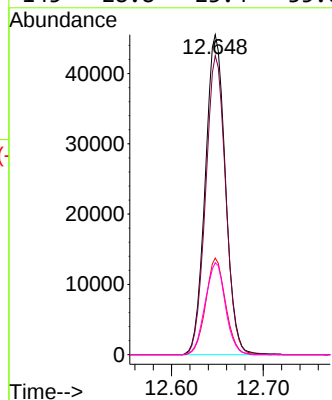
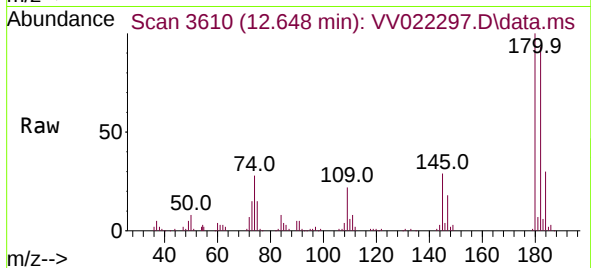




#69
1,3,5-Trichlorobenzene
Concen: 5.065 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

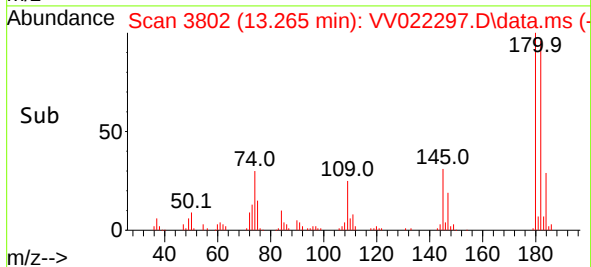
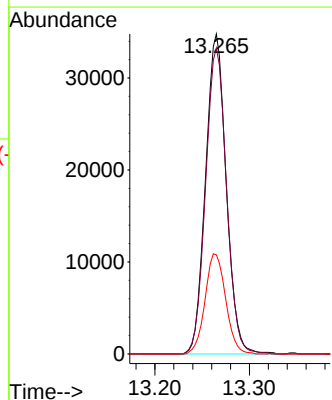
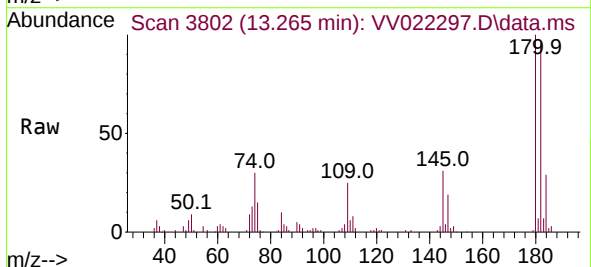
Instrument :
MSVOA_V
ClientSampleId :

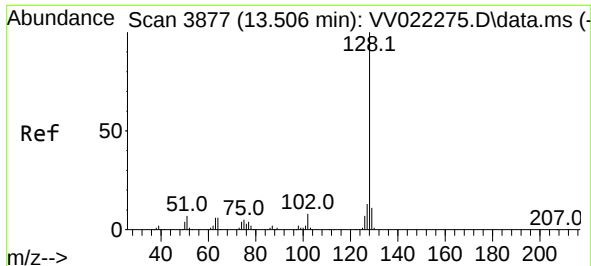
Tgt Ion:	180	Resp:	69573
Ion Ratio	Lower	Upper	
180	100		
182	92.8	74.6	112.0
184	29.5	24.0	36.0
145	28.8	23.4	35.0



#70
1,2,4-trichlorobenzene
Concen: 4.822 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion:	180	Resp:	52767
Ion Ratio	Lower	Upper	
180	100		
182	96.8	73.1	109.7
145	31.3	23.6	35.4

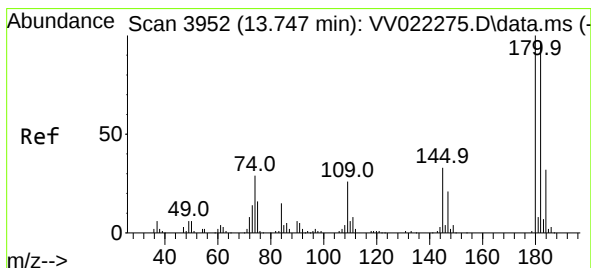
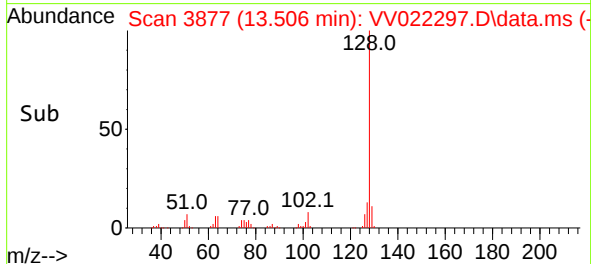
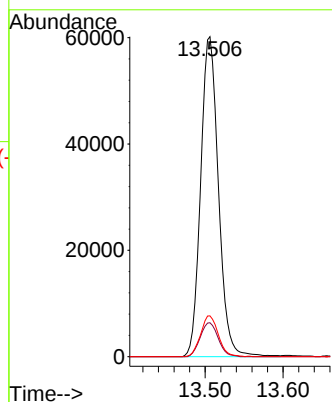
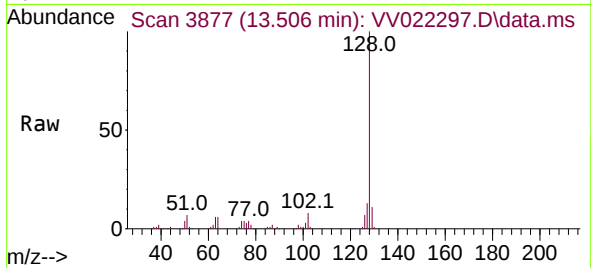




#71
Naphthalene
Concen: 4.800 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 95457
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.7 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 5.016 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV022297.D
Acq: 23 Sep 2021 20:34

Tgt Ion:180 Resp: 51305
Ion Ratio Lower Upper
180 100
182 95.8 76.9 115.3
145 31.4 26.0 39.0

