

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101221\
 Data File : VW022744.D
 Acq On : 12 Oct 2021 11:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 13 01:12:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	227601	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	220305	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126047	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	61402	43.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.240%
7) Chloroethane-d5	1.568	69	49087	44.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.720%
11) 1,1-Dichloroethene-d2	2.108	63	126833	45.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.400%
21) 2-Butanone-d5	3.886	46	83150	107.315	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.310%
24) Chloroform-d	4.346	84	116511	45.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.027	65	67963	45.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
32) Benzene-d6	5.047	84	214976	42.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.240%
36) 1,2-Dichloropropane-d6	6.066	67	67643	43.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.100%
41) Toluene-d8	7.313	98	205538	43.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.619	79	32742	44.045	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.100%
47) 2-Hexanone-d5	8.088	63	52580	80.784	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	93651	42.865	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.720%
66) 1,2-Dichlorobenzene-d4	11.625	152	88105	42.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	94151	41.363	ug/L	100
3) Chloromethane	1.240	50	99548	43.980	ug/L	100
5) Vinyl chloride	1.310	62	100651	46.912	ug/L	100
6) Bromomethane	1.523	94	67587	45.118	ug/L	99
8) Chloroethane	1.584	64	62458	47.732	ug/L	100
9) Trichlorofluoromethane	1.751	101	149769	50.824	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92795	55.629	ug/L	99
12) 1,1-Dichloroethene	2.117	96	83841	52.734	ug/L	87
13) Acetone	2.175	43	130433	133.263	ug/L	# 39
14) Carbon disulfide	2.291	76	226305	47.121	ug/L	100
15) Methyl Acetate	2.429	43	100620	56.354	ug/L	99
16) Methylene chloride	2.503	84	98946	49.534	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	88747	50.850	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	279947	51.956	ug/L	99
19) 1,1-Dichloroethane	3.185	63	160664	52.027	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	94924	51.053	ug/L	99
22) 2-Butanone	3.963	43	147736	114.635	ug/L	89
23) Bromochloromethane	4.243	128	54674	53.524	ug/L	94
25) Chloroform	4.368	83	167156	53.791	ug/L	100

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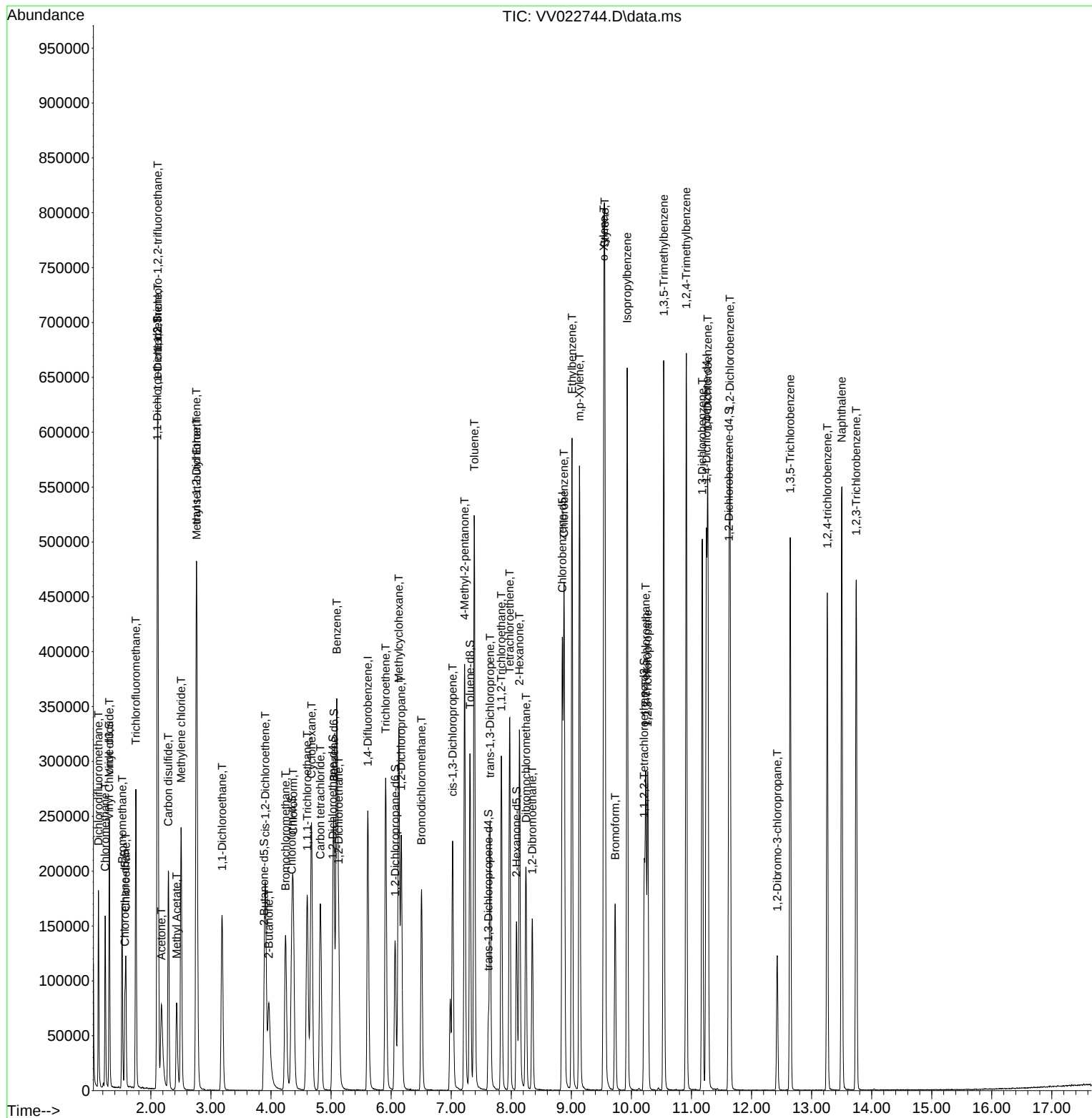
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	121284	53.900	ug/L	97
29) Cyclohexane	4.674	56	129786	50.543	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	146417	53.203	ug/L	99
31) Carbon tetrachloride	4.821	117	129152	53.420	ug/L	100
33) Benzene	5.095	78	349642	51.401	ug/L	100
34) Trichloroethene	5.908	95	97784	55.056	ug/L	98
35) Methylcyclohexane	6.127	83	140996	52.355	ug/L	97
37) 1,2-Dichloropropane	6.169	63	92004	52.827	ug/L #	93
38) Bromodichloromethane	6.506	83	122233	54.031	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	136726	52.201	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	248378	101.498	ug/L	99
42) Toluene	7.384	91	385565	53.809	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	133710	53.022	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	94525	52.431	ug/L	98
46) Tetrachloroethene	7.976	164	78601	52.864	ug/L	99
48) 2-Hexanone	8.136	43	196494	104.985	ug/L	99
49) Dibromochloromethane	8.246	129	106777	54.730	ug/L	98
50) 1,2-Dibromoethane	8.349	107	101402	52.241	ug/L	97
51) Chlorobenzene	8.879	112	251756	52.822	ug/L	98
52) Ethylbenzene	9.011	91	406944	54.568	ug/L	99
53) m,p-Xylene	9.136	106	160763	54.410	ug/L	97
54) o-Xylene	9.542	106	157250	54.626	ug/L	100
55) Styrene	9.558	104	276479	55.966	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	136222	48.888	ug/L	99
59) Bromoform	9.731	173	78965	50.664	ug/L	99
60) Isopropylbenzene	9.931	105	415192	51.772	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	115139	48.032	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	342813	50.769	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	352649	52.535	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	212300	52.180	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	218061	51.606	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	213971	51.461	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	27722	42.210	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	158530	52.440	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	136804	50.324	ug/L	99
71) Naphthalene	13.503	128	423348	47.293	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	144499	51.428	ug/L	99

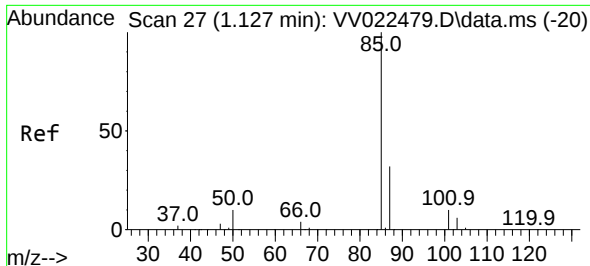
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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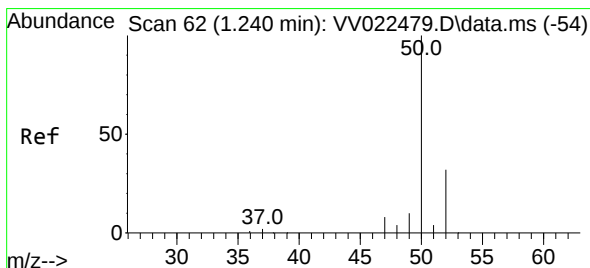
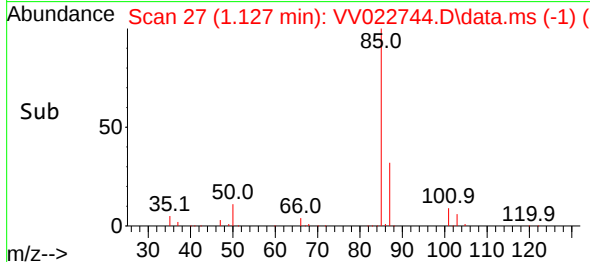
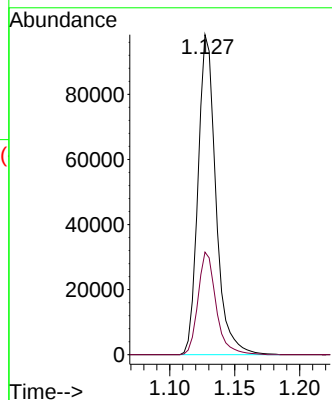
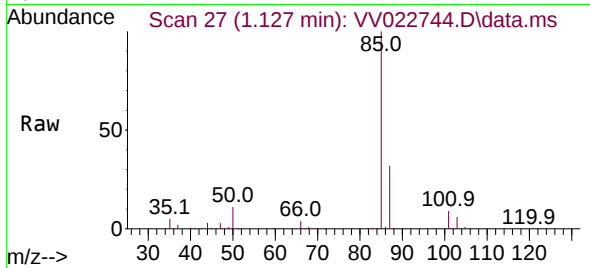




#2
 Dichlorodifluoromethane
 Concen: 41.363 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022744.D
 Acq: 12 Oct 2021 11:05

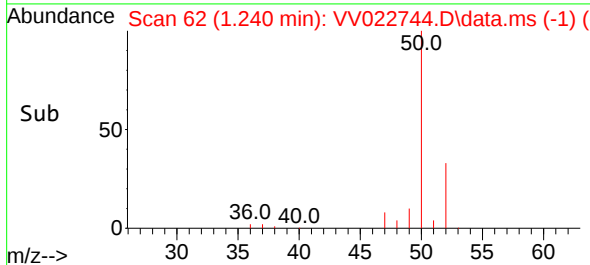
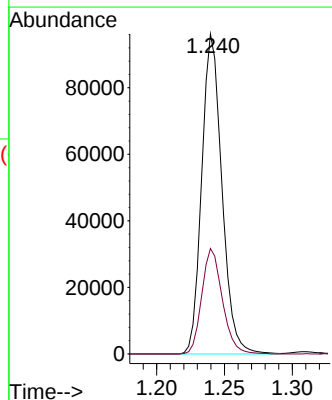
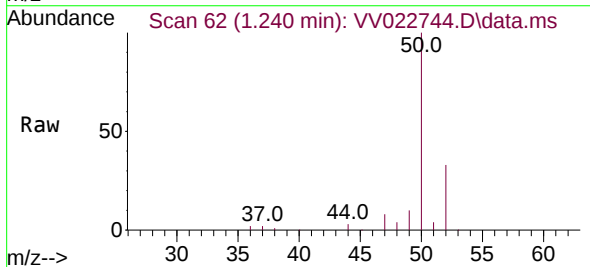
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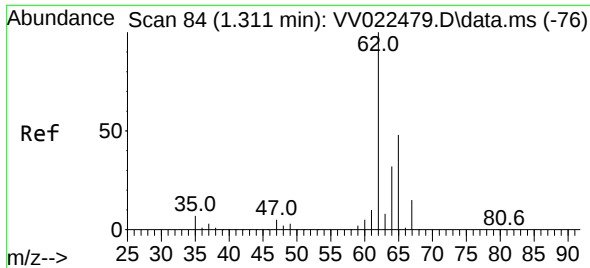
Tgt Ion: 85 Resp: 94151
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.6



#3
 Chloromethane
 Concen: 43.980 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022744.D
 Acq: 12 Oct 2021 11:05

Tgt Ion: 50 Resp: 99548
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.8

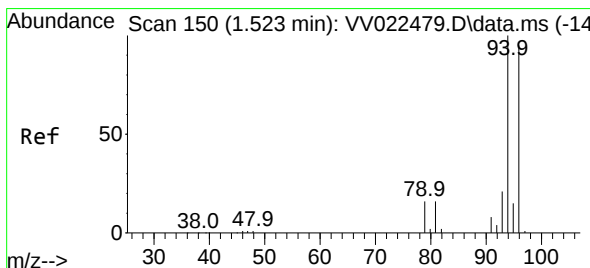
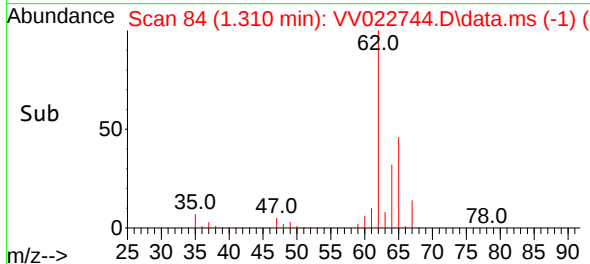
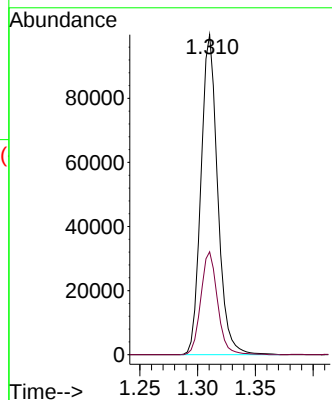
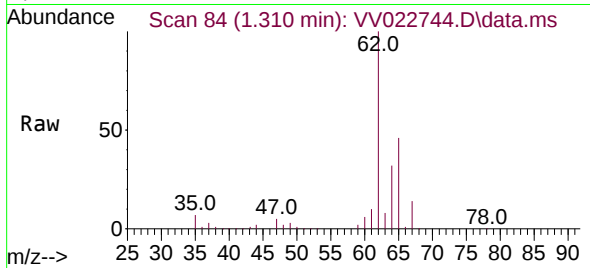




#5
 Vinyl chloride
 Concen: 46.912 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022744.D
 Acq: 12 Oct 2021 11:05

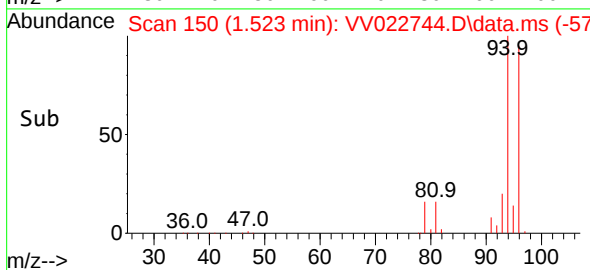
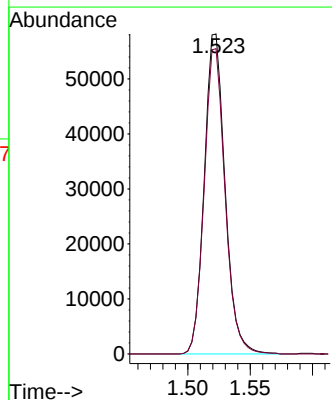
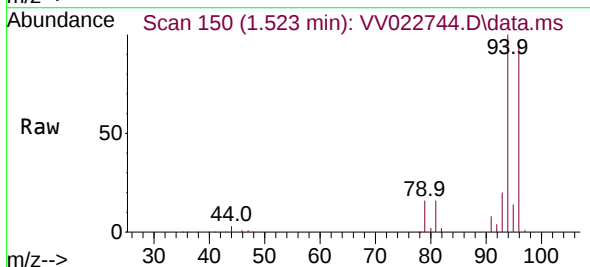
Instrument :
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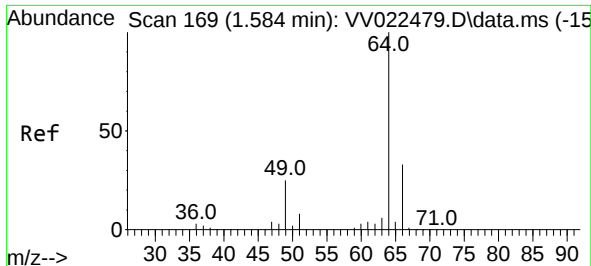
Tgt Ion: 62 Resp: 100651
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.5 41.9



#6
 Bromomethane
 Concen: 45.118 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV022744.D
 Acq: 12 Oct 2021 11:05

Tgt Ion: 94 Resp: 67587
 Ion Ratio Lower Upper
 94 100
 96 95.4 66.4 123.2

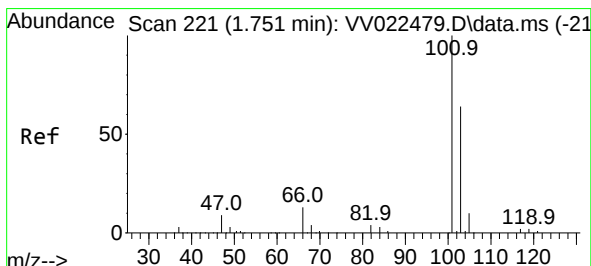
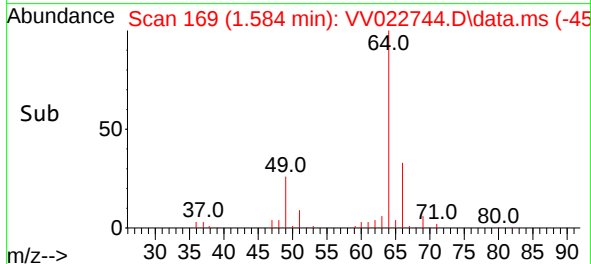
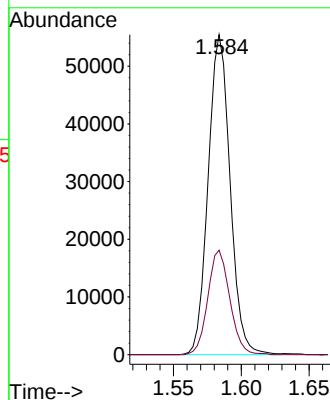
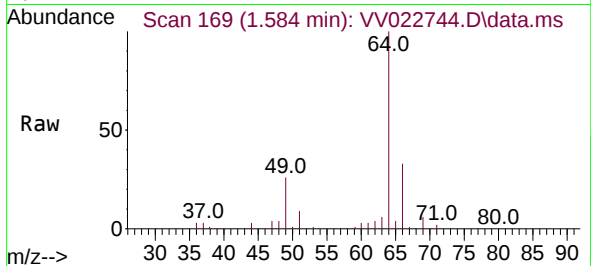




#8
Chloroethane
Concen: 47.732 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

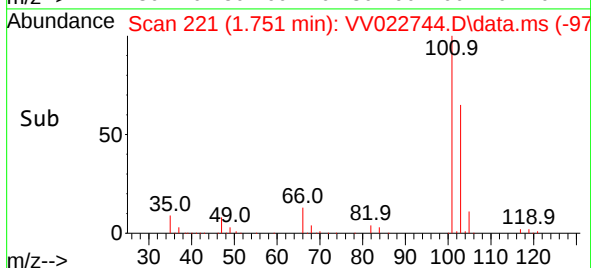
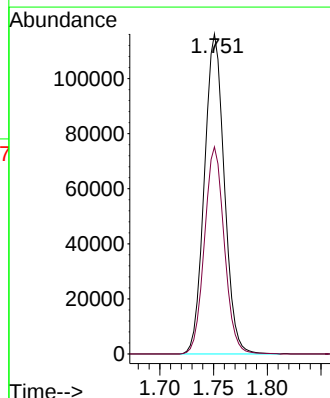
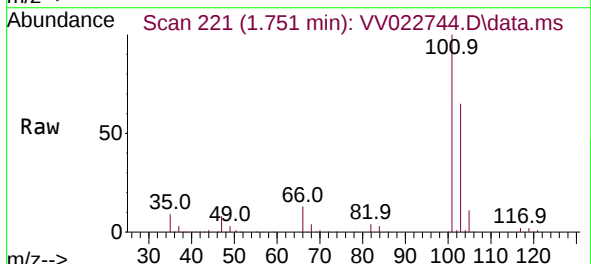
Instrument :
MSVOA_V
ClientSampled :

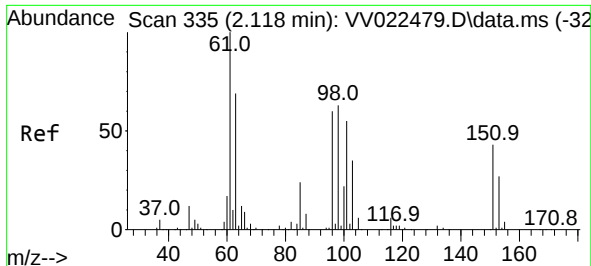
Tgt Ion: 64 Resp: 62458
Ion Ratio Lower Upper
64 100
66 32.7 22.7 42.3



#9
Trichlorofluoromethane
Concen: 50.824 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion:101 Resp: 149769
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

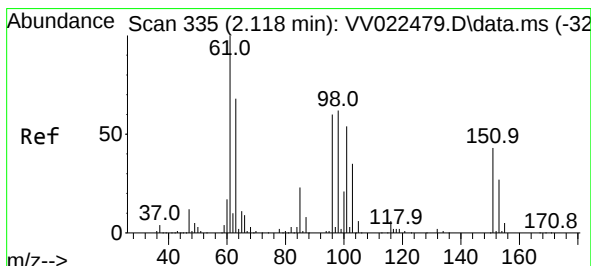
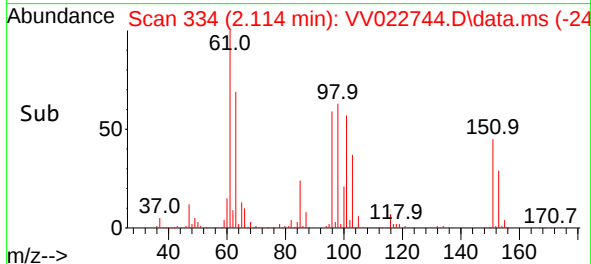
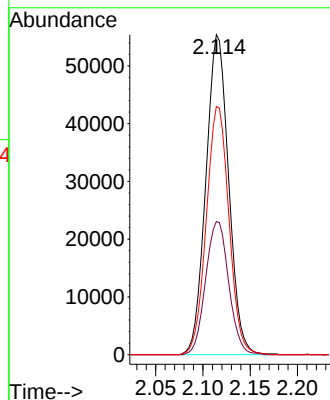
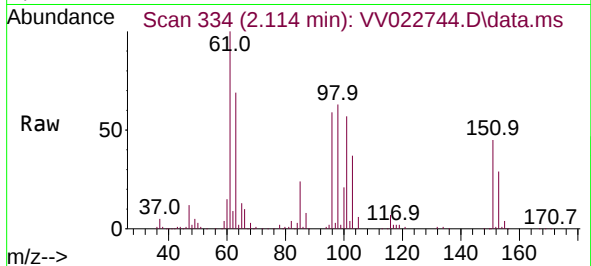




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.629 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV022744.D
 Acq: 12 Oct 2021 11:05

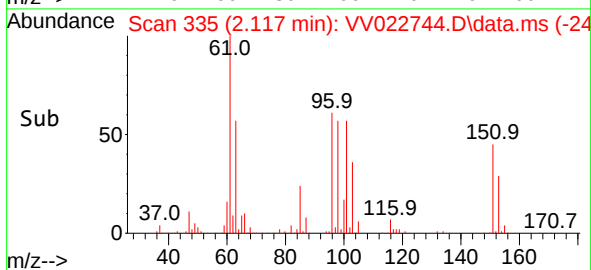
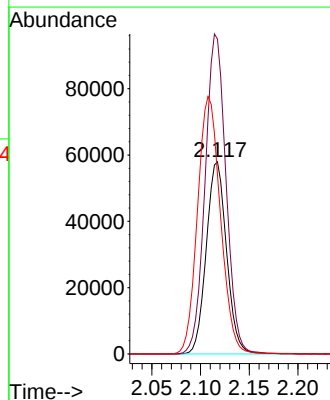
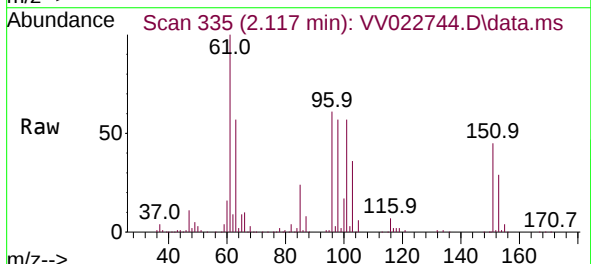
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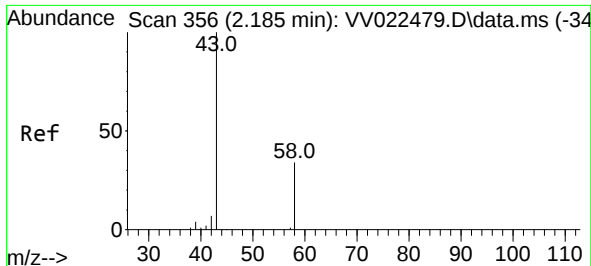
Tgt Ion:101 Resp: 92795
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.7 52.1
 151 77.3 61.3 91.9



#12
 1,1-Dichloroethene
 Concen: 52.734 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV022744.D
 Acq: 12 Oct 2021 11:05

Tgt Ion: 96 Resp: 83841
 Ion Ratio Lower Upper
 96 100
 61 163.8 118.0 219.2
 63 93.1 86.4 160.4

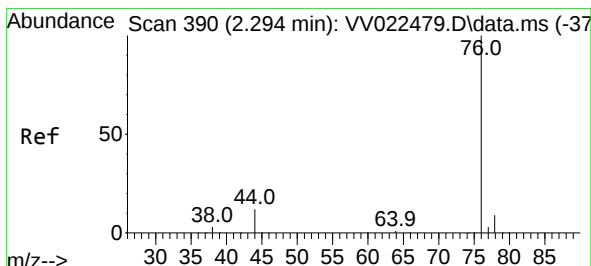
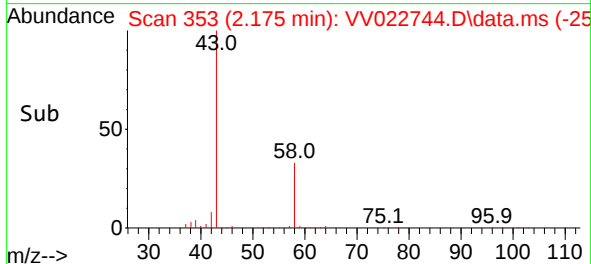
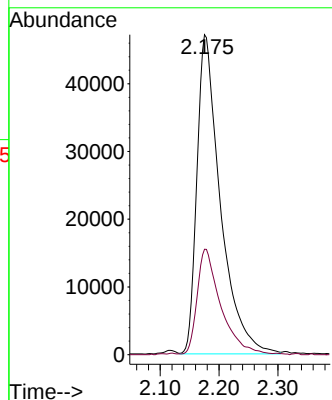
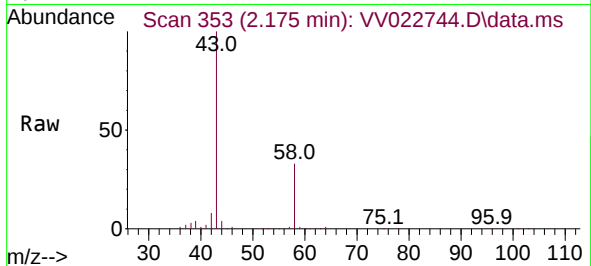




#13
Acetone
Concen: 133.263 ug/L
RT: 2.175 min Scan# 353
Delta R.T. 0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

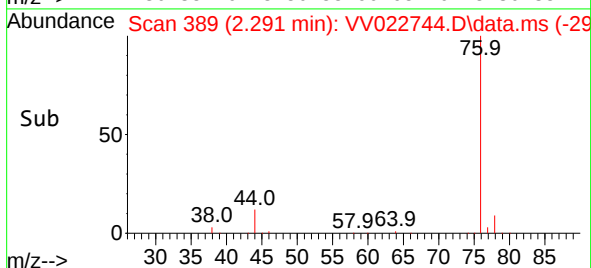
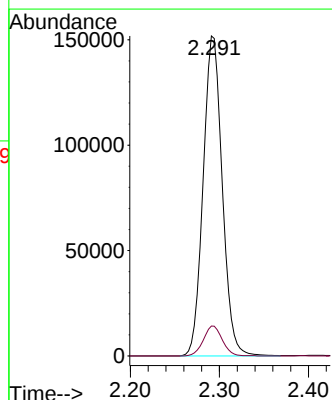
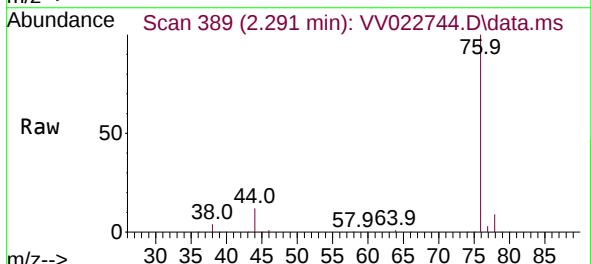
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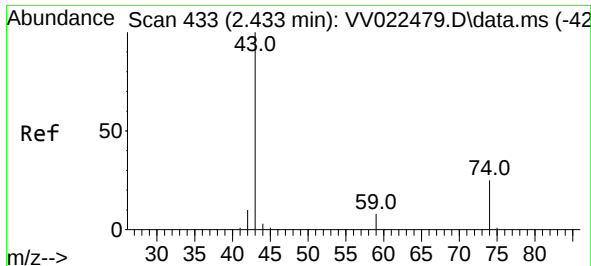
Tgt Ion: 43 Resp: 130433
Ion Ratio Lower Upper
43 100
58 33.4 0.0 21.2#



#14
Carbon disulfide
Concen: 47.121 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 226305
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

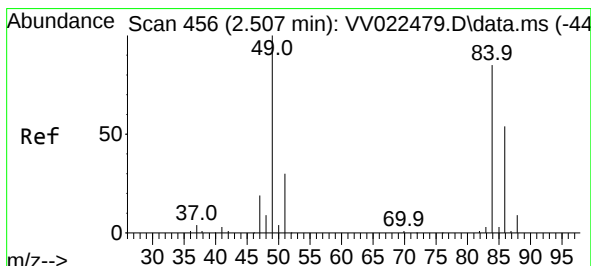
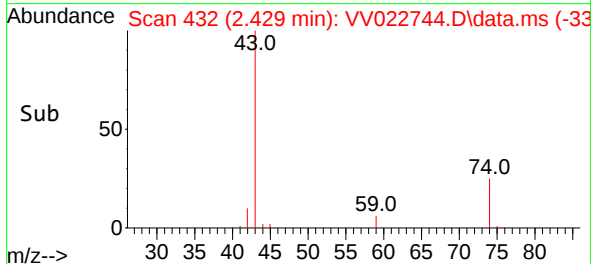
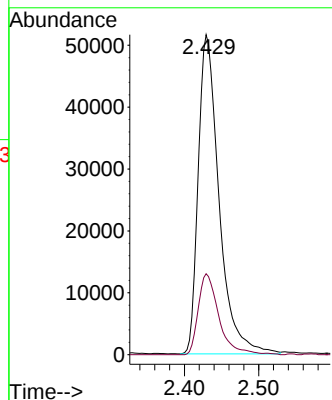
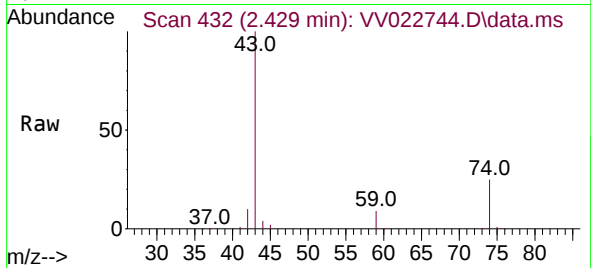




#15
Methyl Acetate
Concen: 56.354 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.000 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

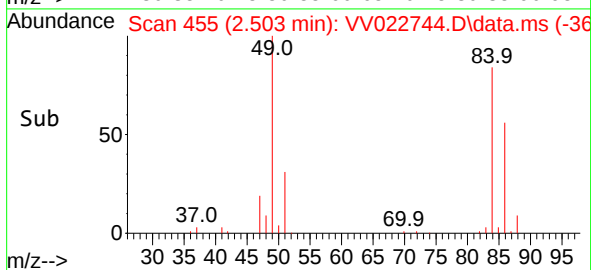
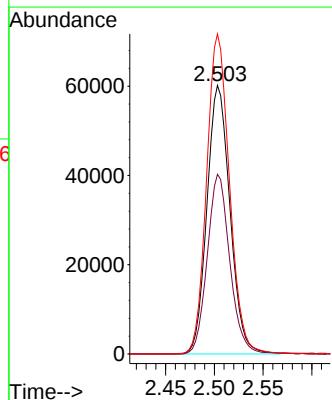
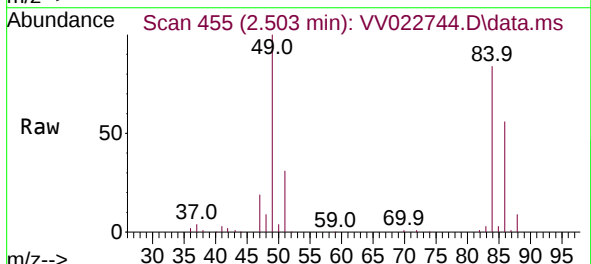
Instrument :
MSVOA_V
ClientSampled :

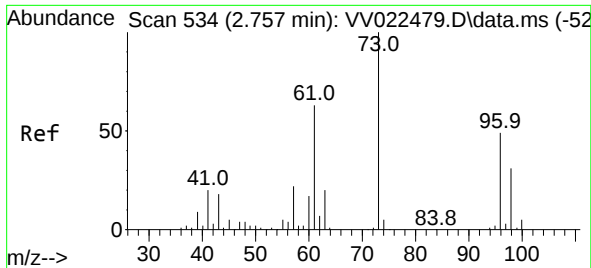
Tgt Ion: 43 Resp: 100620
Ion Ratio Lower Upper
43 100
74 25.0 20.6 30.8



#16
Methylene chloride
Concen: 49.534 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion: 84 Resp: 98946
Ion Ratio Lower Upper
84 100
86 66.9 45.6 84.6
49 119.1 82.7 153.7



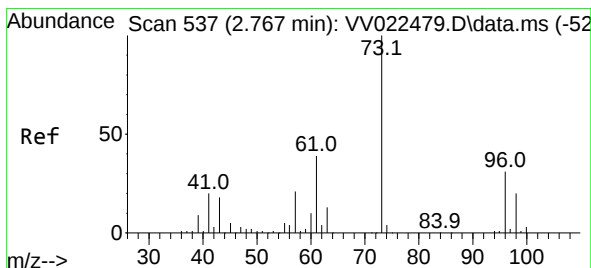
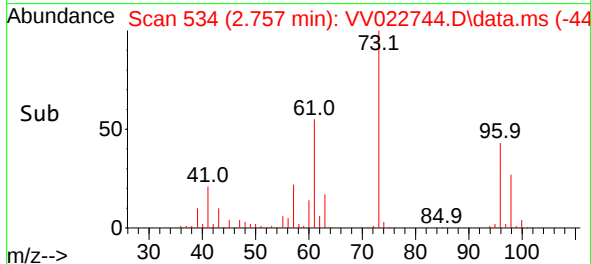
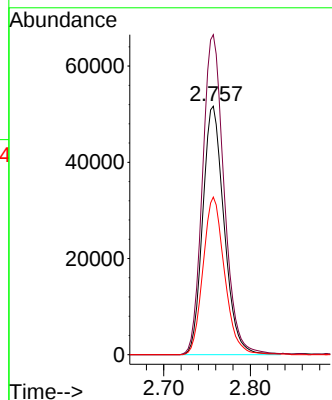
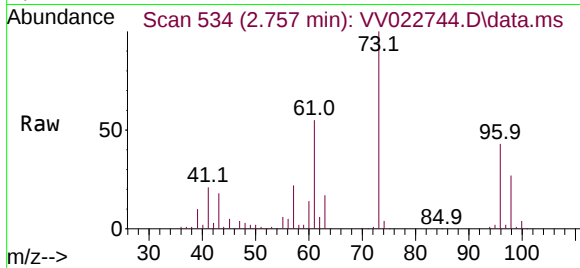


#17
 trans-1,2-Dichloroethene
 Concen: 50.850 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. -0.000 min
 Lab File: VV022744.D
 Acq: 12 Oct 2021 11:05

Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion: 96 Resp: 88747

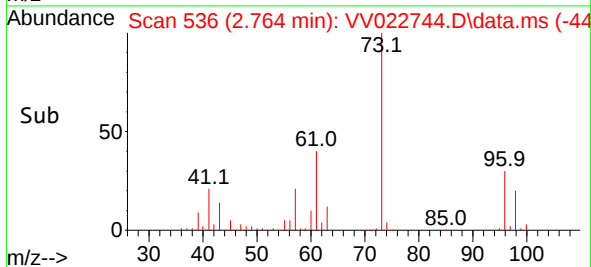
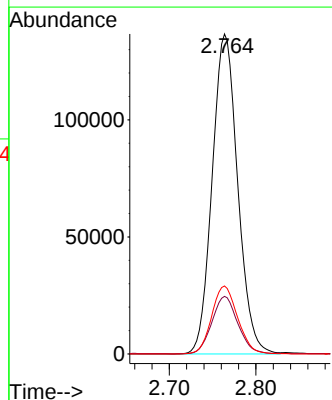
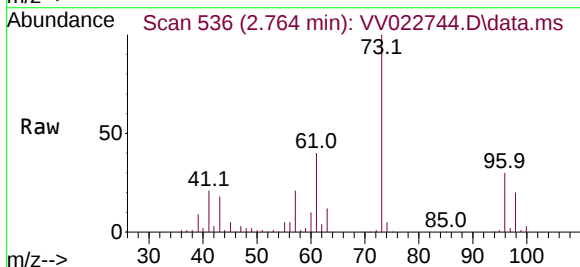
Ion	Ratio	Lower	Upper
96	100		
61	128.8	90.8	168.6
98	63.4	44.0	81.8

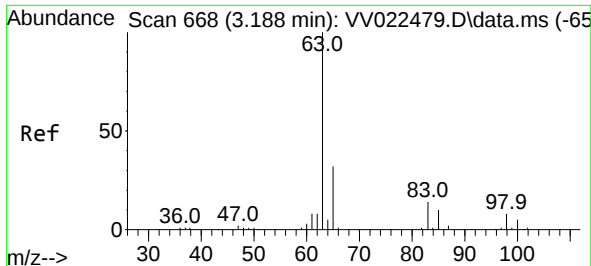


#18
 Methyl tert-butyl Ether
 Concen: 51.956 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. -0.003 min
 Lab File: VV022744.D
 Acq: 12 Oct 2021 11:05

Tgt Ion: 73 Resp: 279947

Ion	Ratio	Lower	Upper
73	100		
43	18.2	15.1	22.7
57	21.6	17.6	26.4





#19

1,1-Dichloroethane

Concen: 52.027 ug/L

RT: 3.185 min Scan# 667

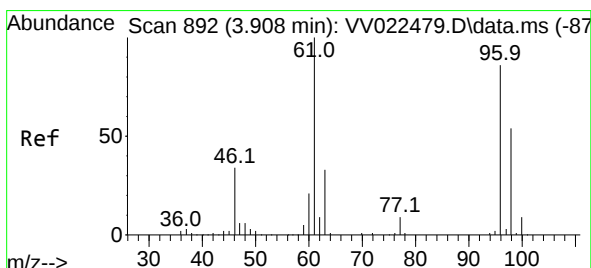
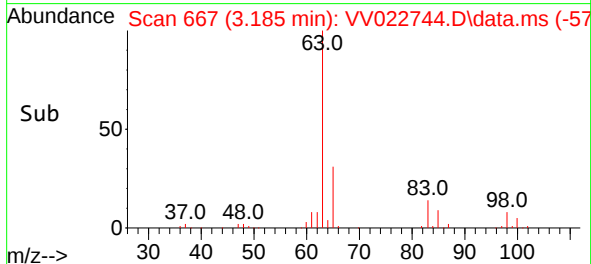
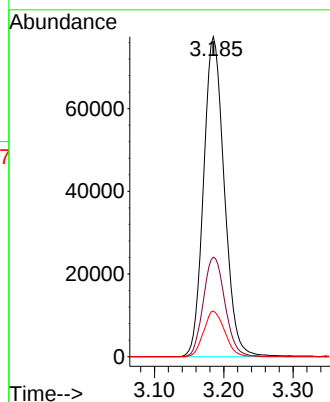
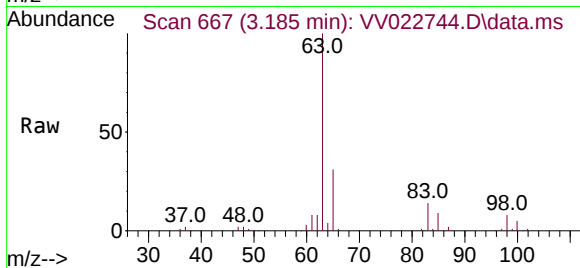
Delta R.T. -0.003 min

Lab File: VV022744.D

Acq: 12 Oct 2021 11:05

Tgt Ion: 63 Resp: 160664

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.9	42.5
83	14.3	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 51.053 ug/L

RT: 3.905 min Scan# 891

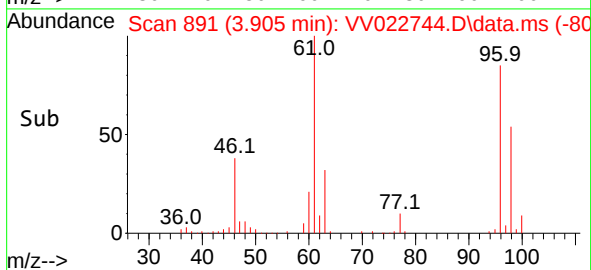
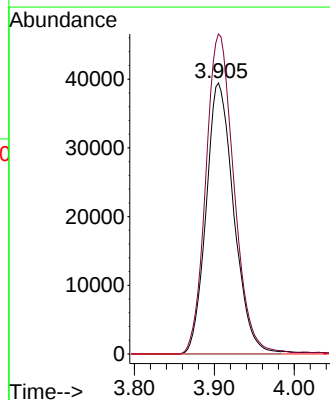
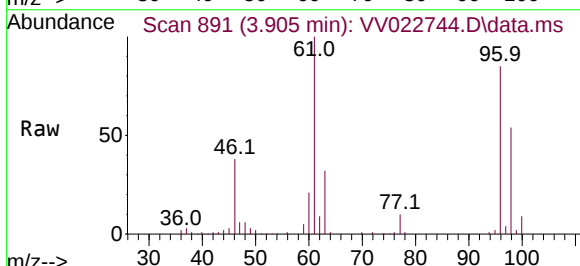
Delta R.T. -0.007 min

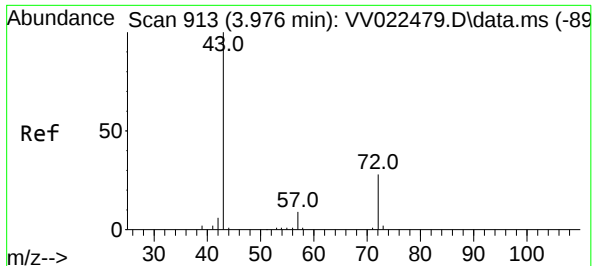
Lab File: VV022744.D

Acq: 12 Oct 2021 11:05

Tgt Ion: 96 Resp: 94924

Ion	Ratio	Lower	Upper
96	100		
61	118.1	81.9	152.1
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 114.635 ug/L

RT: 3.963 min Scan# 909

Delta R.T. -0.013 min

Lab File: VV022744.D

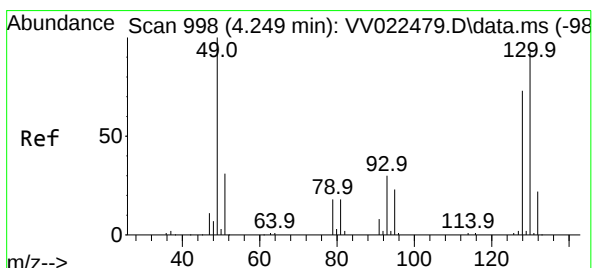
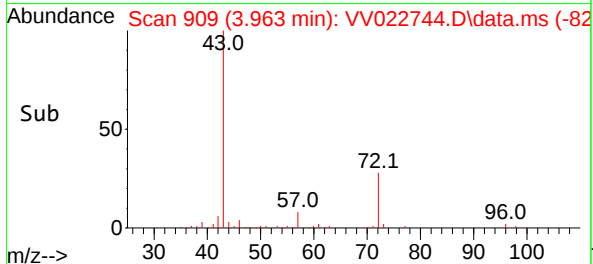
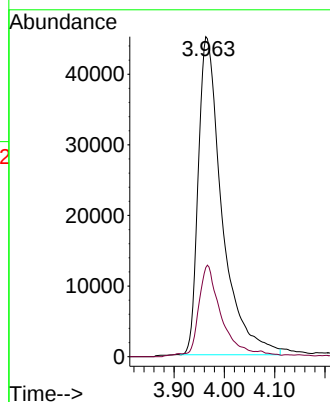
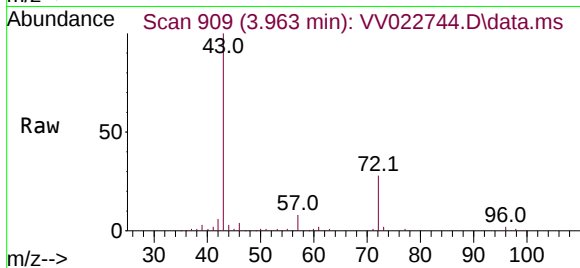
Acq: 12 Oct 2021 11:05

Tgt Ion: 43 Resp: 147736

Ion Ratio Lower Upper

43 100

72 24.8 10.0 29.8



#23

Bromochloromethane

Concen: 53.524 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.007 min

Lab File: VV022744.D

Acq: 12 Oct 2021 11:05

Tgt Ion: 128 Resp: 54674

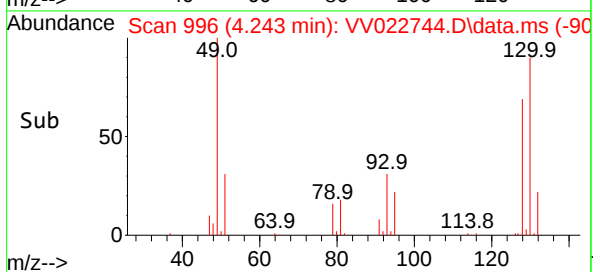
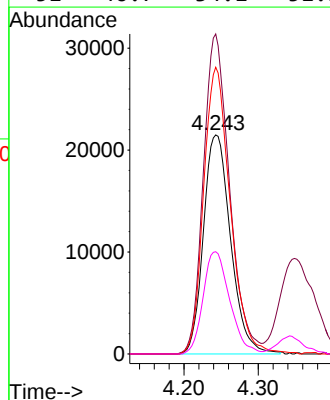
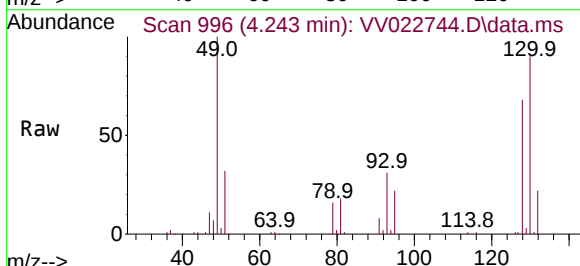
Ion Ratio Lower Upper

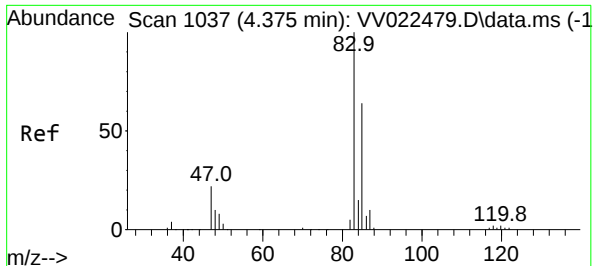
128 100

49 146.1 97.2 180.4

130 130.9 86.3 160.3

51 46.7 34.1 51.1





#25

Chloroform

Concen: 53.791 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.010 min

Lab File: VV022744.D

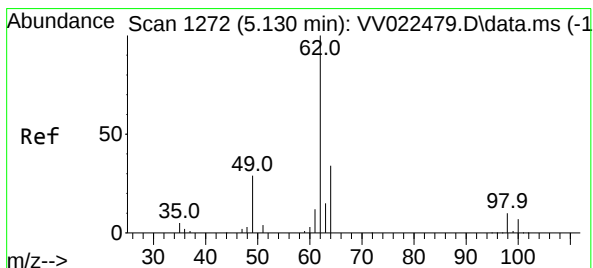
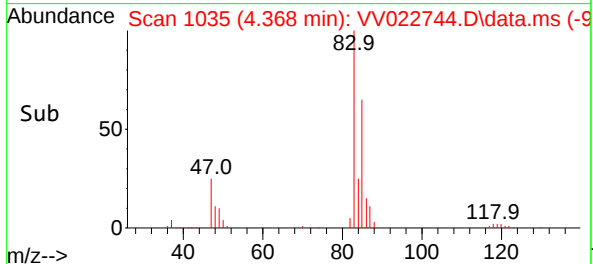
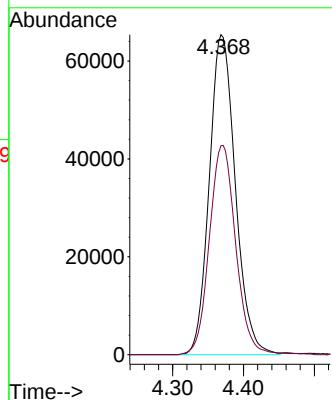
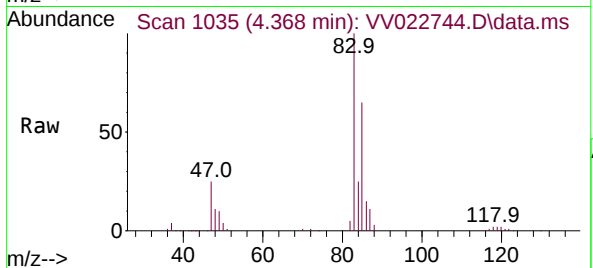
Acq: 12 Oct 2021 11:05

Tgt Ion: 83 Resp: 167156

Ion Ratio Lower Upper

83 100

85 65.3 45.8 85.0



#27

1,2-Dichloroethane

Concen: 53.900 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.007 min

Lab File: VV022744.D

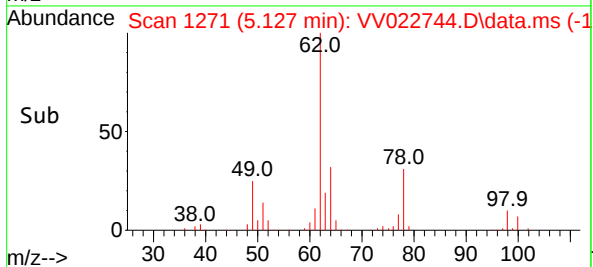
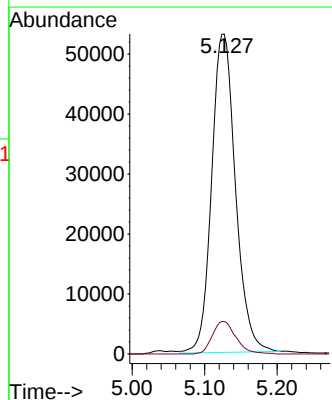
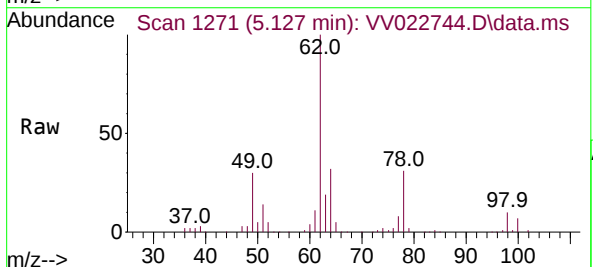
Acq: 12 Oct 2021 11:05

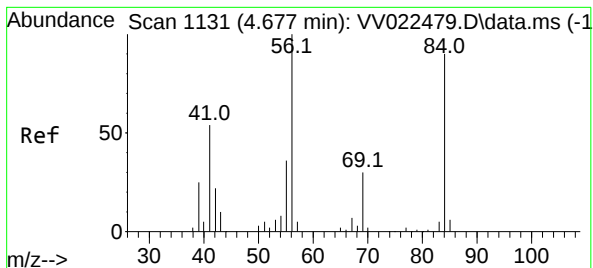
Tgt Ion: 62 Resp: 121284

Ion Ratio Lower Upper

62 100

98 10.2 9.0 13.4





#29

Cyclohexane

Concen: 50.543 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.007 min

Lab File: VV022744.D

Acq: 12 Oct 2021 11:05

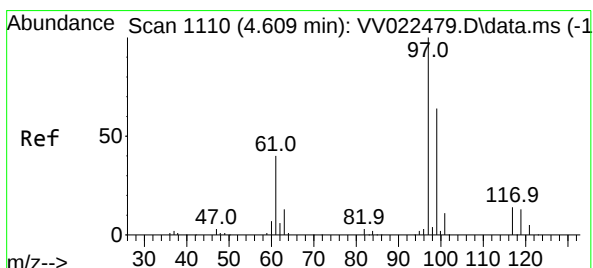
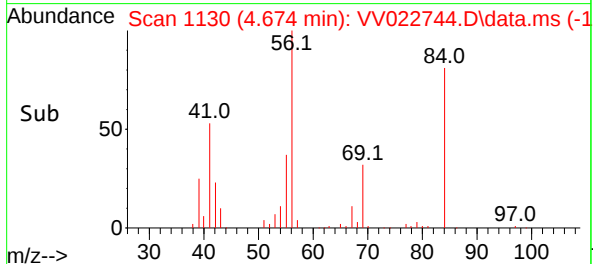
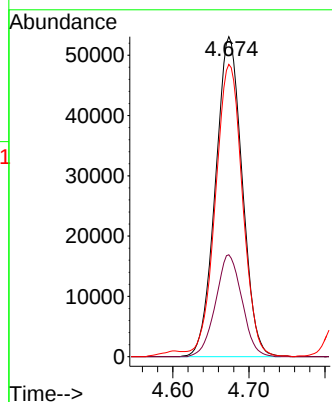
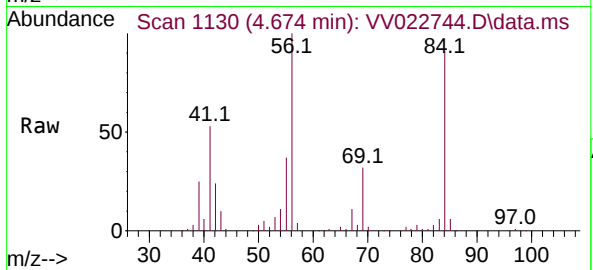
Tgt Ion: 56 Resp: 129786

Ion Ratio Lower Upper

56 100

69 31.4 24.9 37.3

84 91.9 73.9 110.9



#30

1,1,1-Trichloroethane

Concen: 53.203 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.007 min

Lab File: VV022744.D

Acq: 12 Oct 2021 11:05

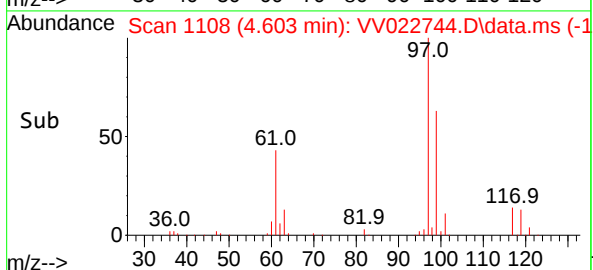
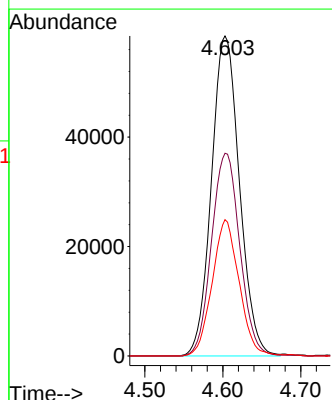
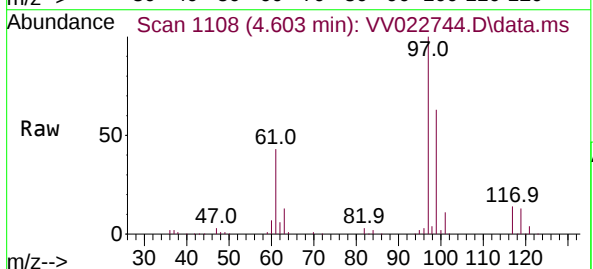
Tgt Ion: 97 Resp: 146417

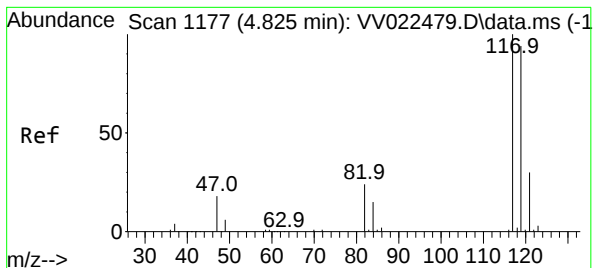
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 40.9 32.9 49.3





#31

Carbon tetrachloride

Concen: 53.420 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. -0.007 min

Lab File: VV022744.D

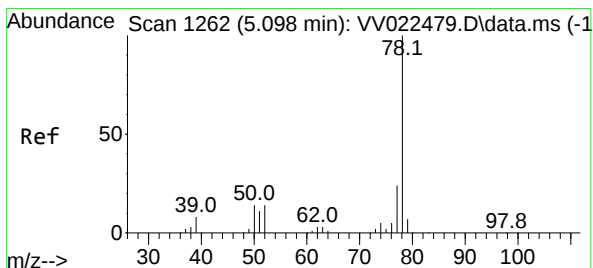
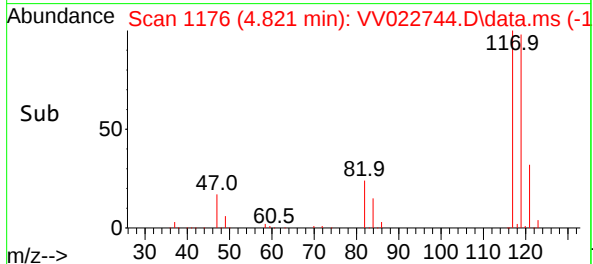
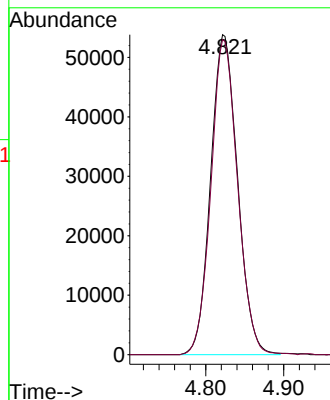
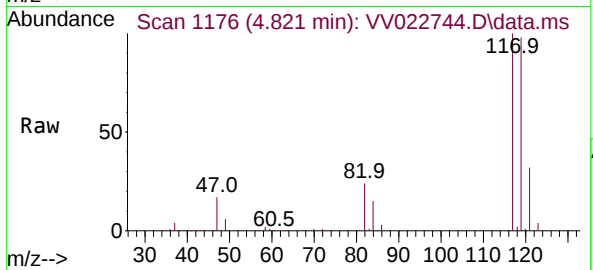
Acq: 12 Oct 2021 11:05

Tgt Ion:117 Resp: 129152

Ion Ratio Lower Upper

117 100

119 97.4 78.3 117.5



#33

Benzene

Concen: 51.401 ug/L

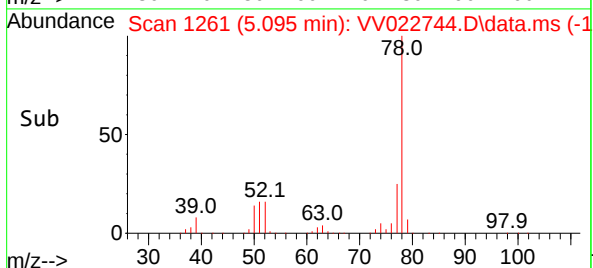
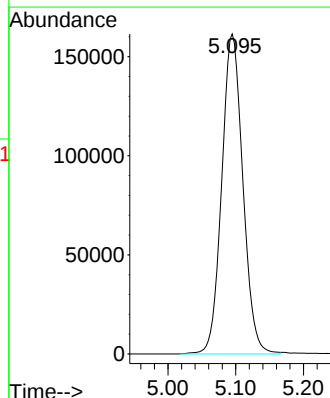
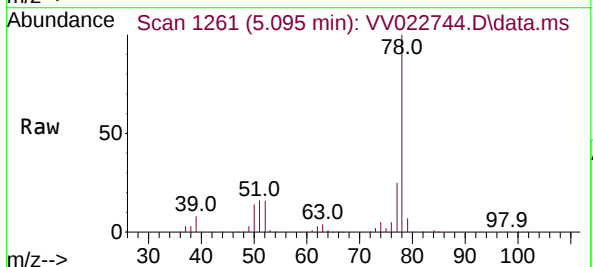
RT: 5.095 min Scan# 1261

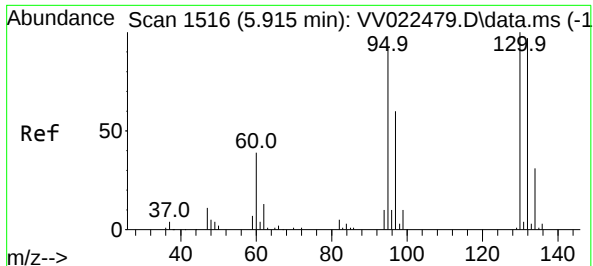
Delta R.T. -0.007 min

Lab File: VV022744.D

Acq: 12 Oct 2021 11:05

Tgt Ion: 78 Resp: 349642



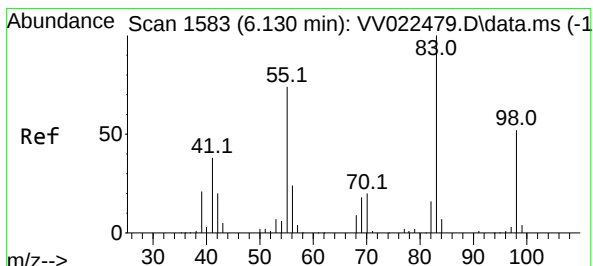
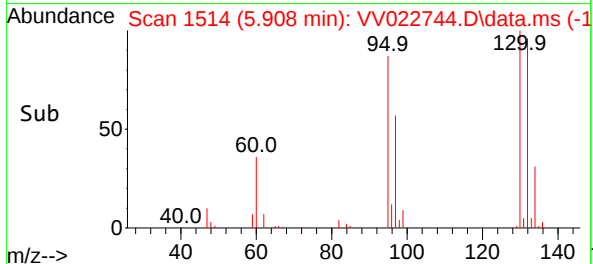
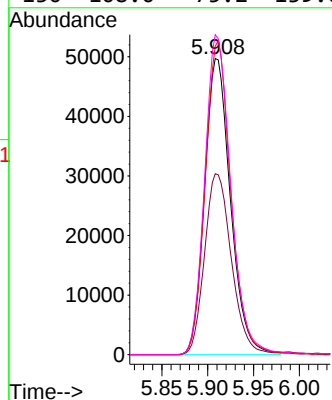
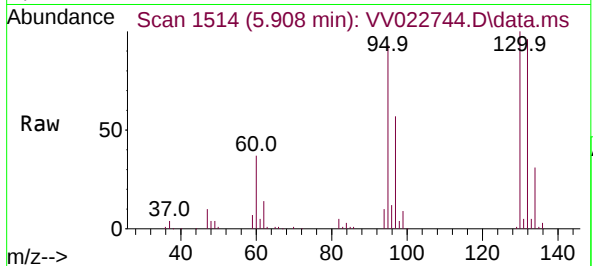


#34
Trichloroethene
Concen: 55.056 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.007 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 97784

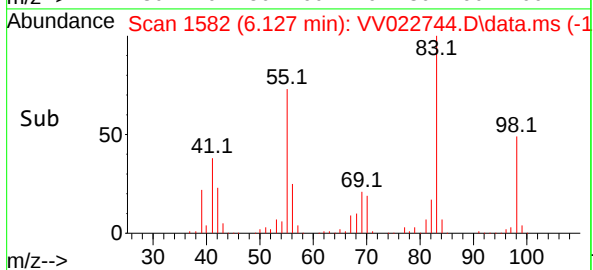
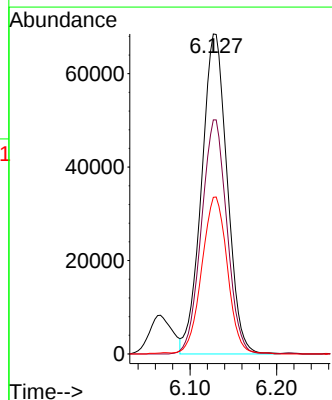
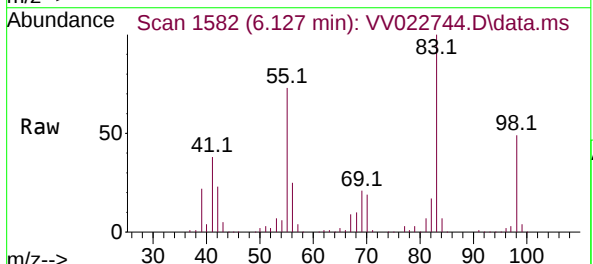
Ion	Ratio	Lower	Upper
95	100		
97	61.1	45.4	84.4
132	104.2	71.5	132.9
130	108.0	75.2	139.6

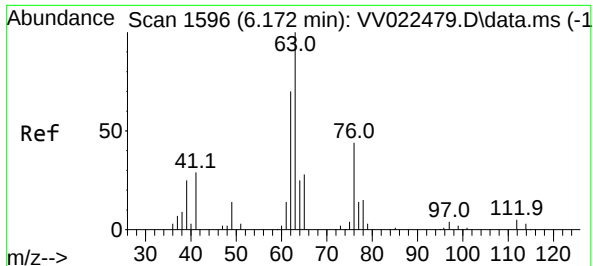


#35
Methylcyclohexane
Concen: 52.355 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion: 83 Resp: 140996

Ion	Ratio	Lower	Upper
83	100		
55	72.6	56.7	85.1
98	48.1	40.6	60.8

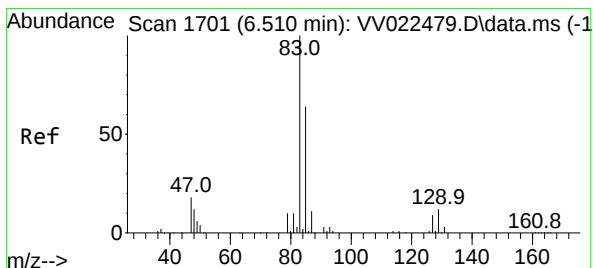
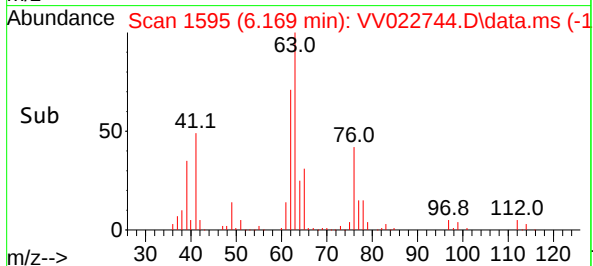
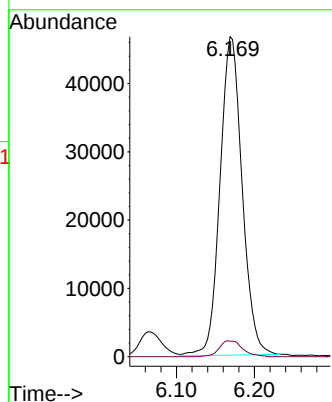
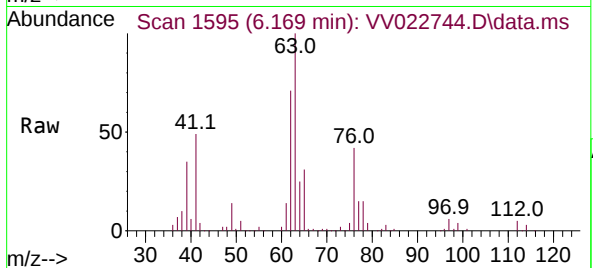




#37
1,2-Dichloropropane
Concen: 52.827 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. -0.007 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

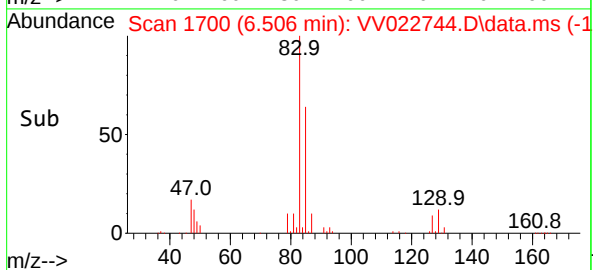
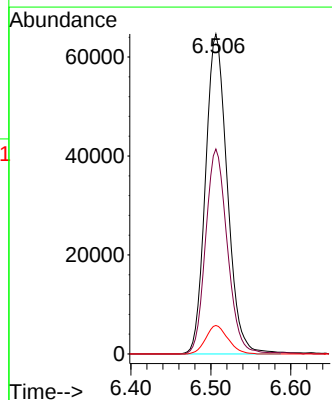
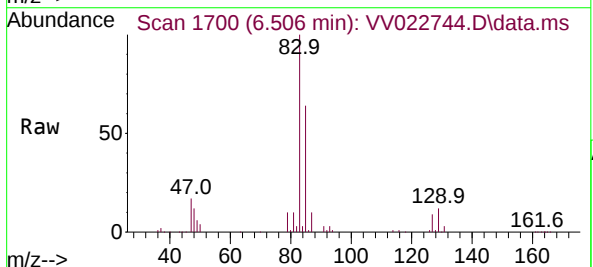
Instrument :
MSVOA_V
ClientSampled :

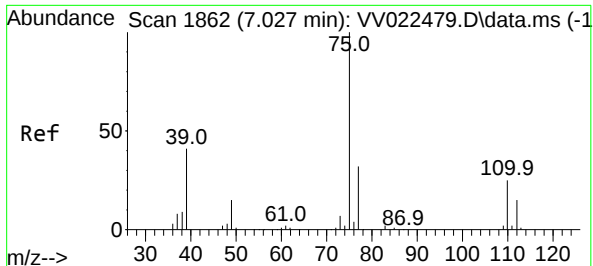
Tgt Ion: 63 Resp: 92004
Ion Ratio Lower Upper
63 100
112 2.7 4.1 6.1#



#38
Bromodichloromethane
Concen: 54.031 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.007 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion: 83 Resp: 122233
Ion Ratio Lower Upper
83 100
85 64.0 46.3 86.1
127 8.9 7.5 11.3



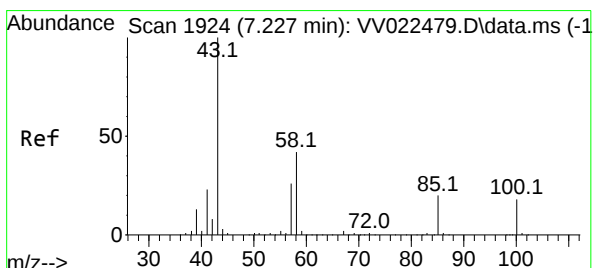
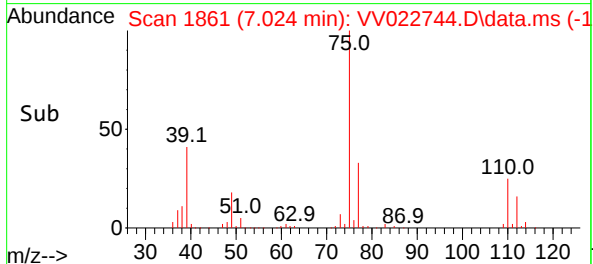
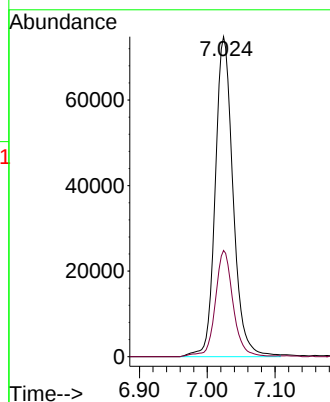
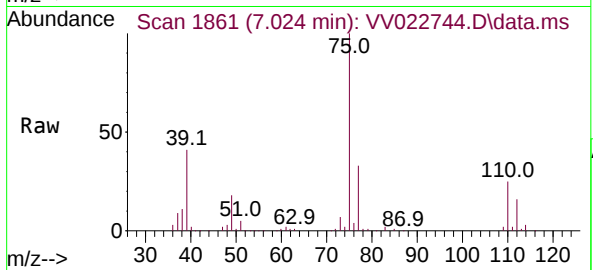


#39

cis-1,3-Dichloropropene
Concen: 52.201 ug/L
RT: 7.024 min Scan# 1861
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Instrument :
MSVOA_V
ClientSampled :

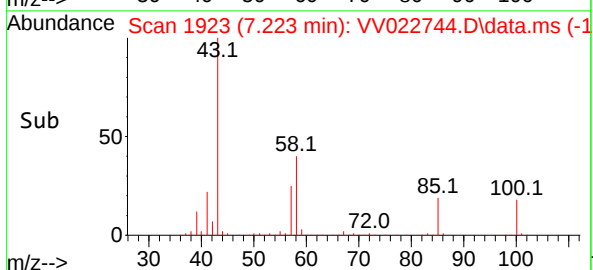
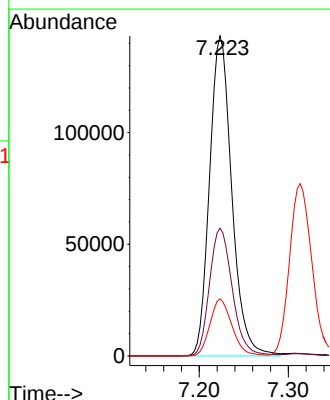
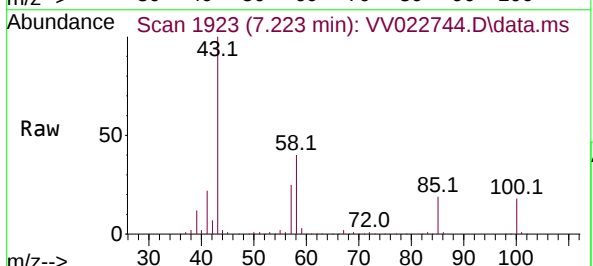
Tgt Ion: 75 Resp: 136726
Ion Ratio Lower Upper
75 100
77 33.2 21.6 40.2

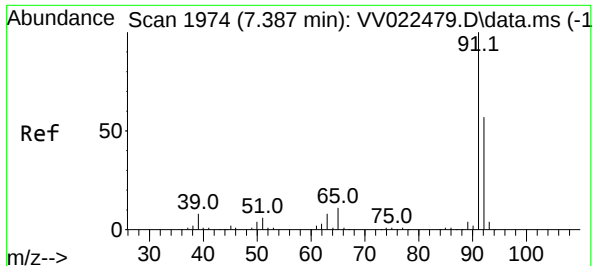


#40

4-Methyl-2-pentanone
Concen: 101.498 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. -0.007 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion: 43 Resp: 248378
Ion Ratio Lower Upper
43 100
58 41.0 32.5 48.7
100 17.7 13.9 20.9





#42

Toluene

Concen: 53.809 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV022744.D

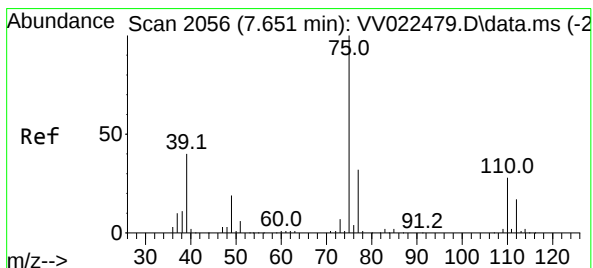
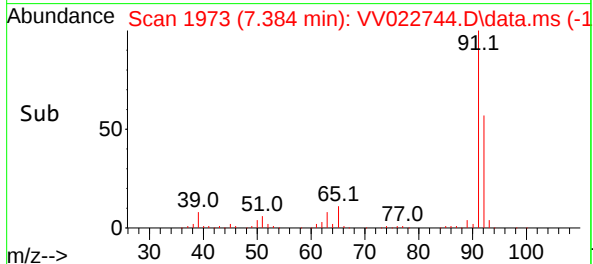
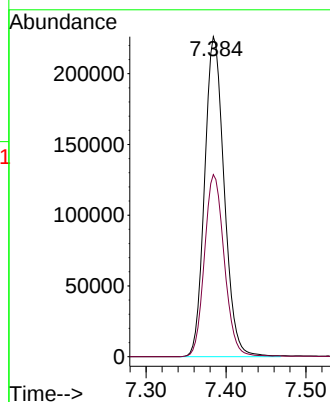
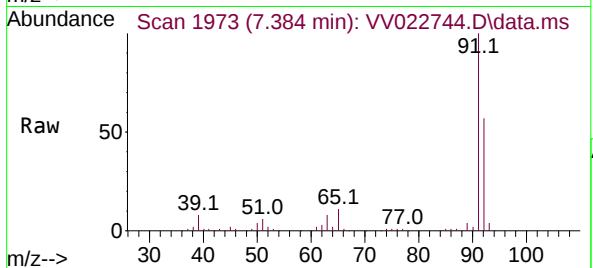
Acq: 12 Oct 2021 11:05

Tgt Ion: 91 Resp: 385565

Ion Ratio Lower Upper

91 100

92 56.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 53.022 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV022744.D

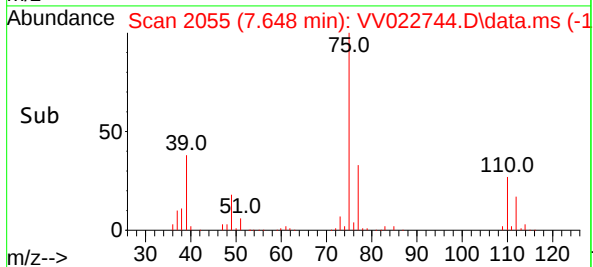
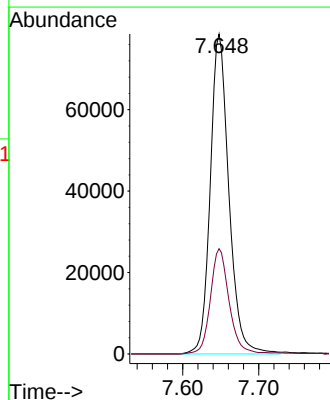
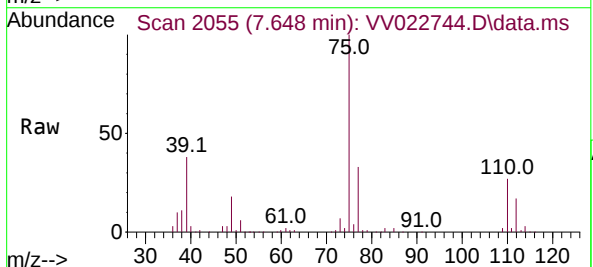
Acq: 12 Oct 2021 11:05

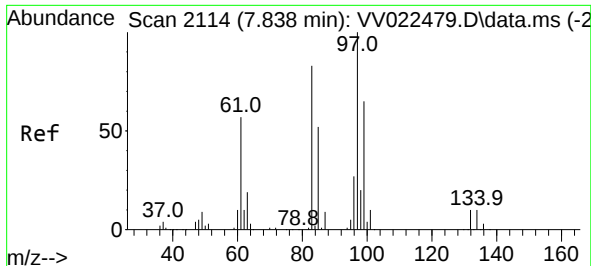
Tgt Ion: 75 Resp: 133710

Ion Ratio Lower Upper

75 100

77 32.9 22.0 40.8

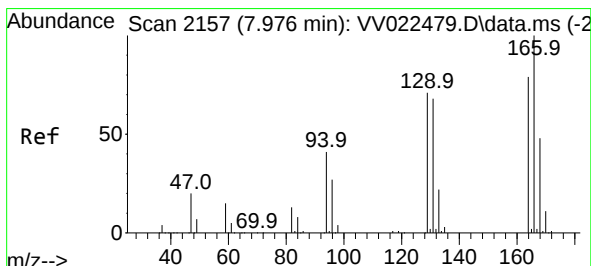
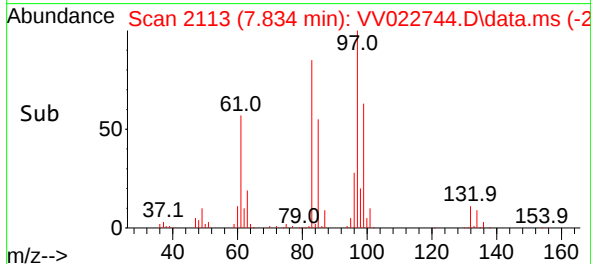
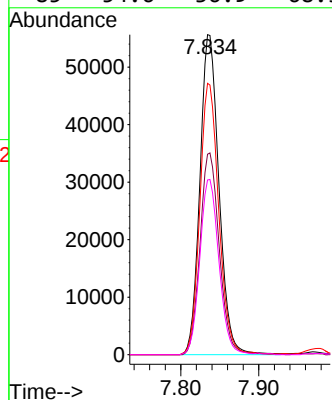
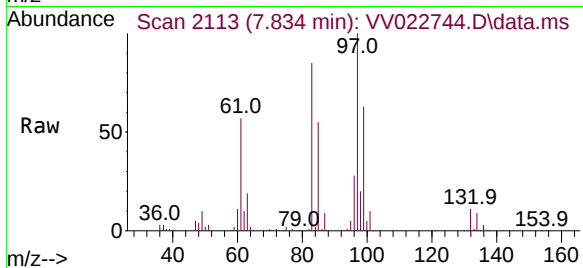




#45
1,1,2-Trichloroethane
Concen: 52.431 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.007 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

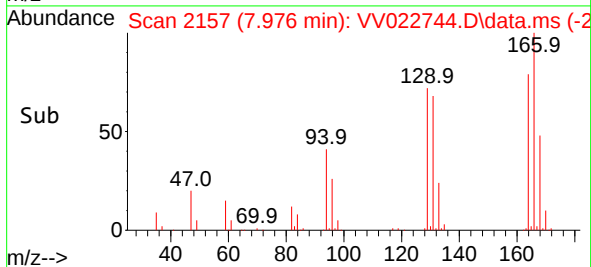
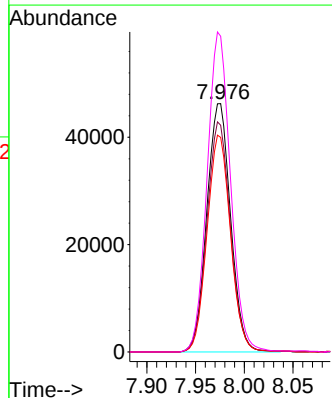
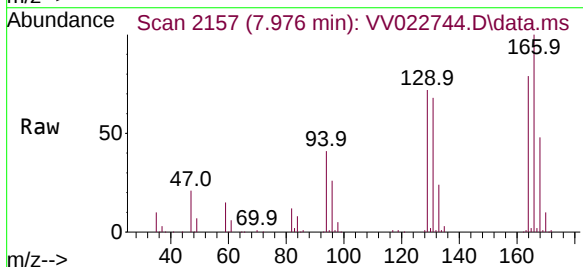
Instrument :
MSVOA_V
ClientSampleId :

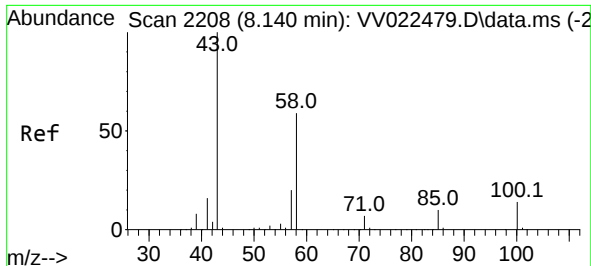
Tgt Ion:	97	Resp:	94525
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.1	80.1
83	84.8	58.6	108.8
85	54.6	36.9	68.5



#46
Tetrachloroethene
Concen: 52.864 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion:	164	Resp:	78601
Ion	Ratio	Lower	Upper
164	100		
129	91.3	64.6	120.0
131	86.4	59.9	111.3
166	127.2	88.0	163.4



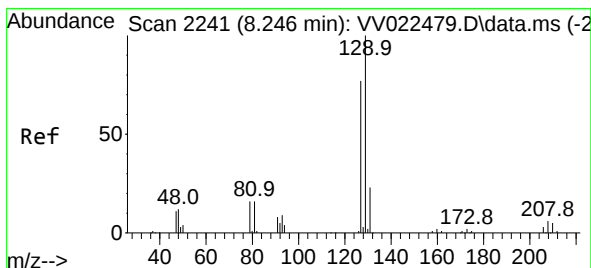
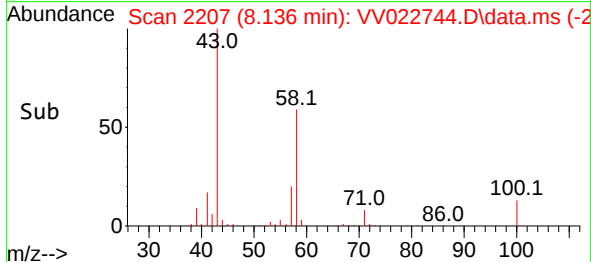
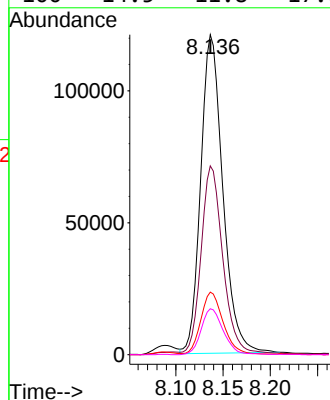
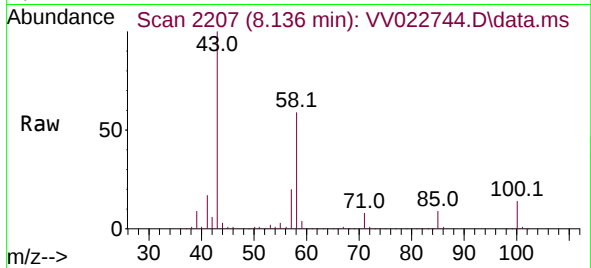


#48
2-Hexanone
Concen: 104.985 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. -0.007 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 196494

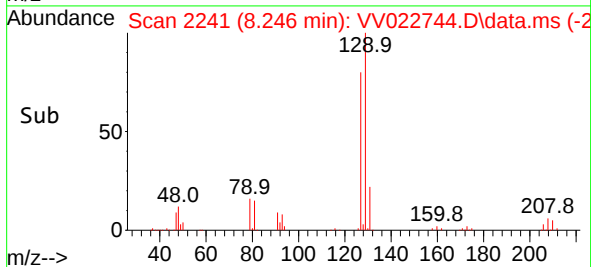
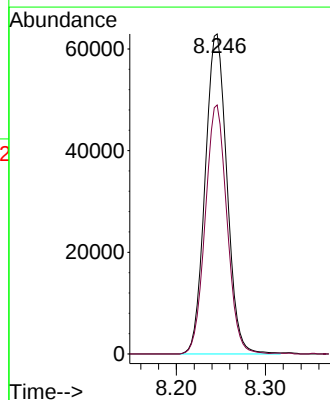
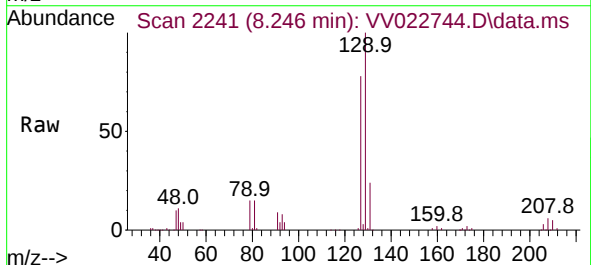
Ion	Ratio	Lower	Upper
43	100		
58	57.3	47.0	70.4
57	19.7	15.8	23.6
100	14.5	11.8	17.6

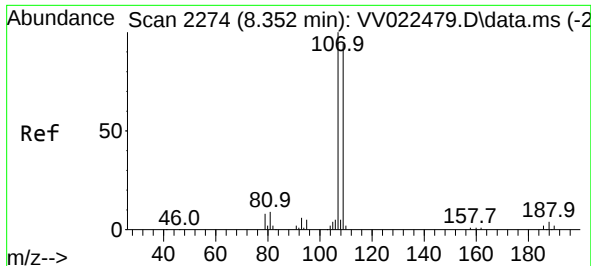


#49
Dibromochloromethane
Concen: 54.730 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion: 129 Resp: 106777

Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.5	99.5





#50

1,2-Dibromoethane

Concen: 52.241 ug/L

RT: 8.349 min Scan# 2273

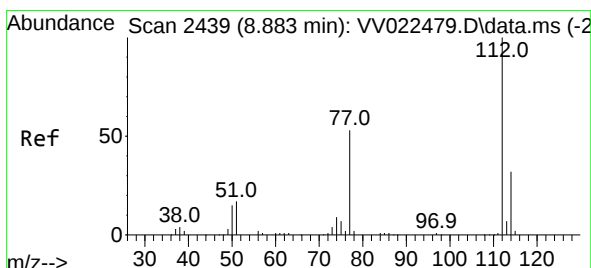
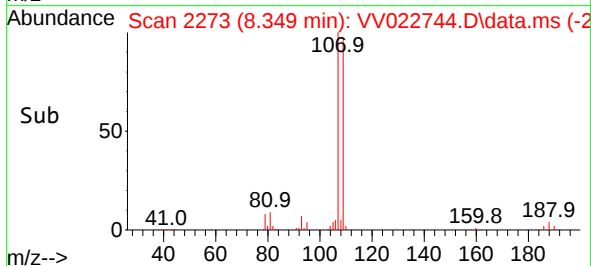
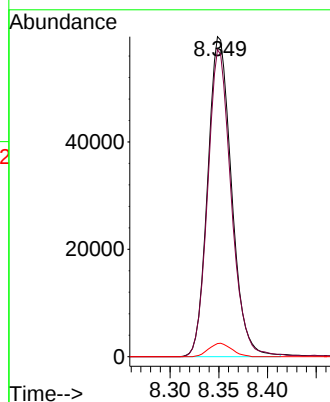
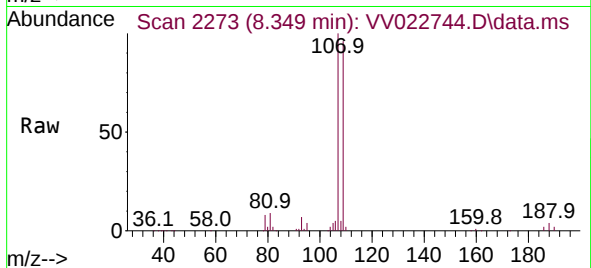
Delta R.T. -0.007 min

Lab File: VV022744.D

Acq: 12 Oct 2021 11:05

Tgt Ion:	107	Resp:	101402
Ion Ratio	Lower	Upper	
107	100		
109	95.9	64.8	120.3
188	4.1	3.2	4.8

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 52.822 ug/L

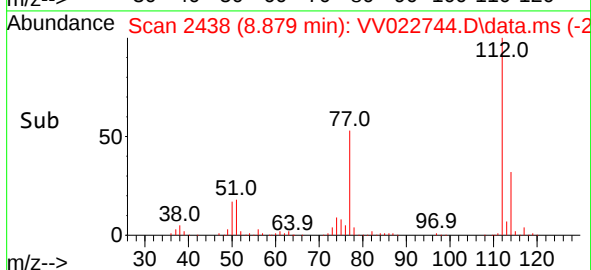
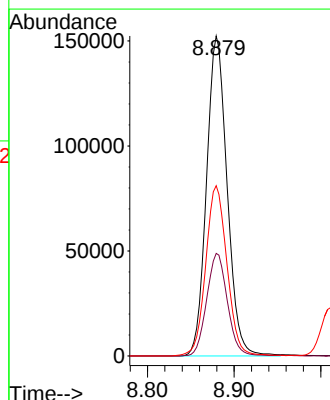
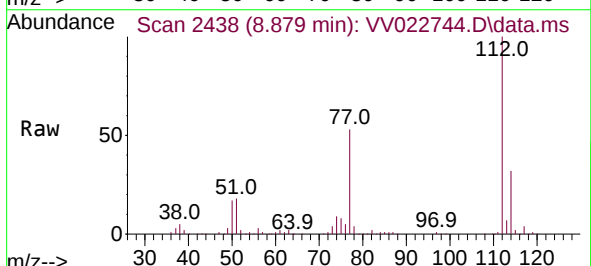
RT: 8.879 min Scan# 2438

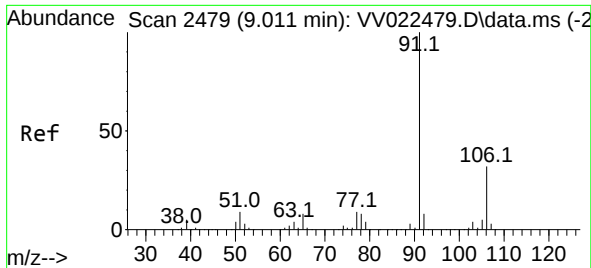
Delta R.T. -0.003 min

Lab File: VV022744.D

Acq: 12 Oct 2021 11:05

Tgt Ion:	112	Resp:	251756
Ion Ratio	Lower	Upper	
112	100		
114	32.1	22.0	40.8
77	53.2	44.0	66.0

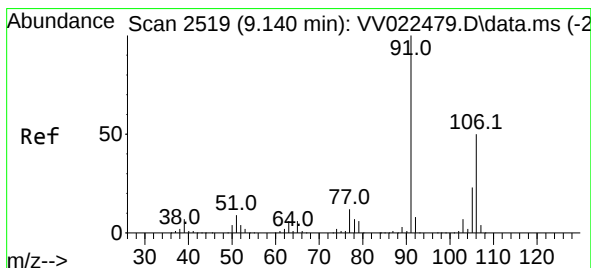
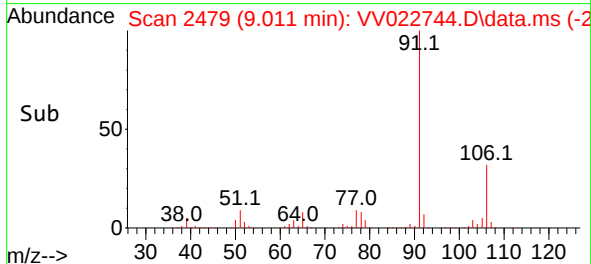
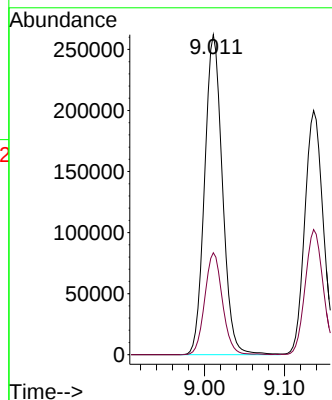
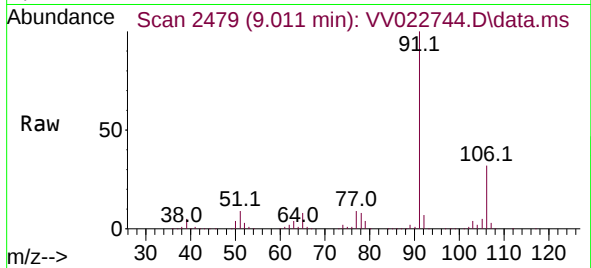




#52
Ethylbenzene
Concen: 54.568 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

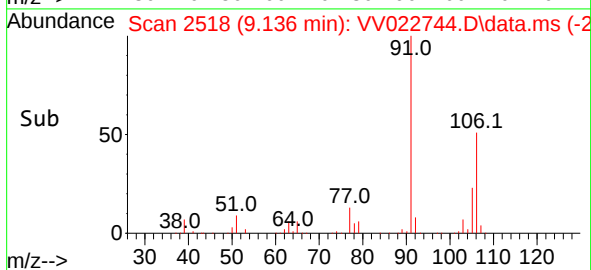
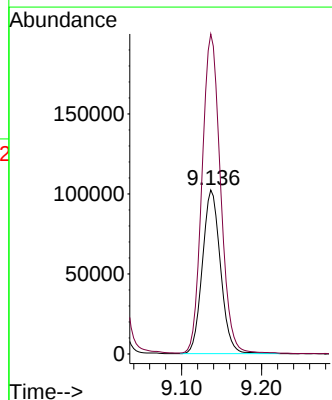
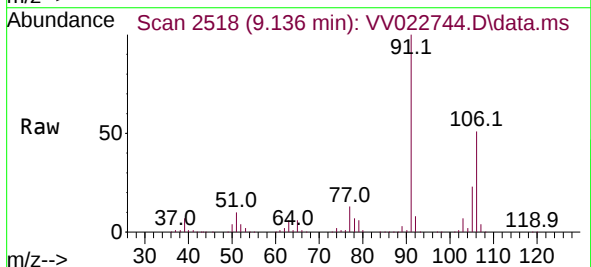
Instrument :
MSVOA_V
ClientSampled :

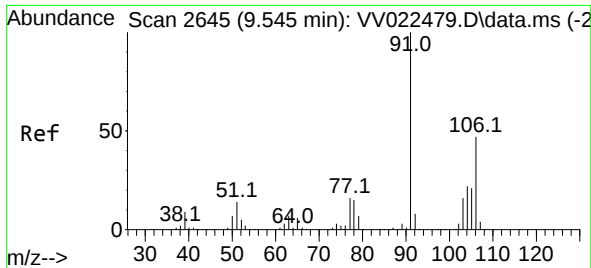
Tgt Ion: 91 Resp: 406944
Ion Ratio Lower Upper
91 100
106 31.8 22.0 41.0



#53
m,p-Xylene
Concen: 54.410 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion: 106 Resp: 160763
Ion Ratio Lower Upper
106 100
91 195.1 139.4 258.8

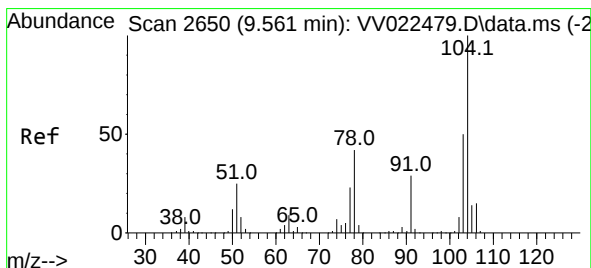
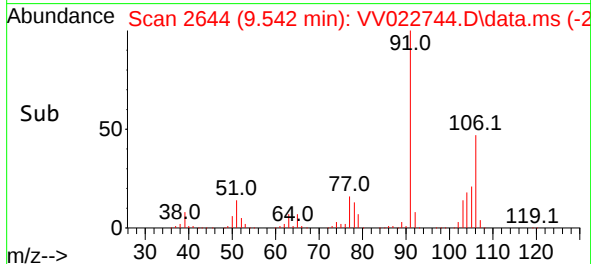
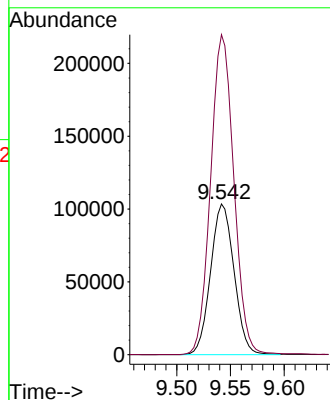
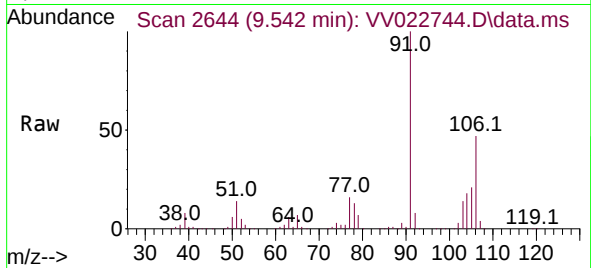




#54
o-Xylene
Concen: 54.626 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

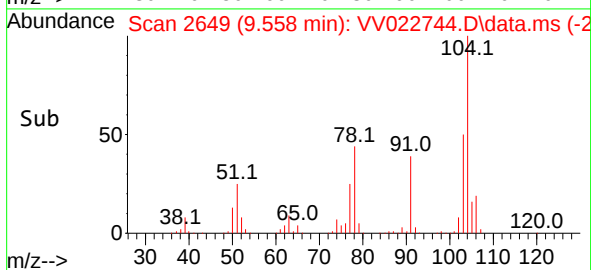
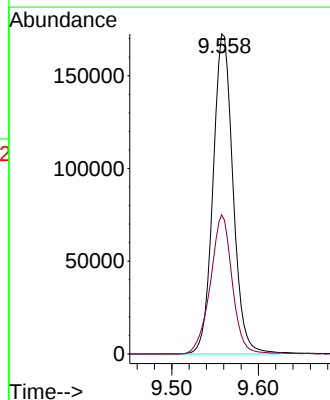
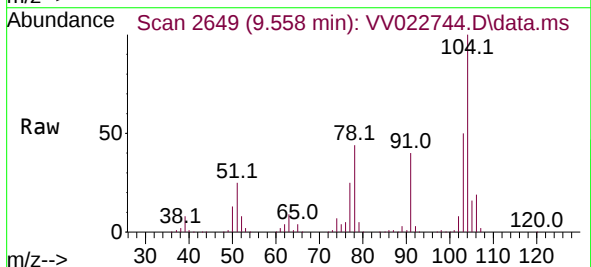
Instrument :
MSVOA_V
ClientSampled :

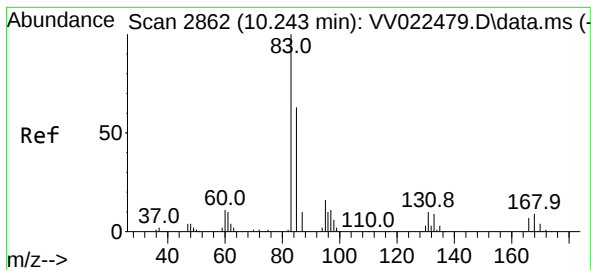
Tgt Ion:106 Resp: 157250
Ion Ratio Lower Upper
106 100
91 212.2 148.7 276.1



#55
Styrene
Concen: 55.966 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion:104 Resp: 276479
Ion Ratio Lower Upper
104 100
78 43.5 30.6 56.8

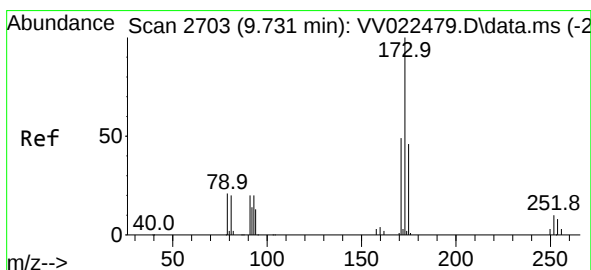
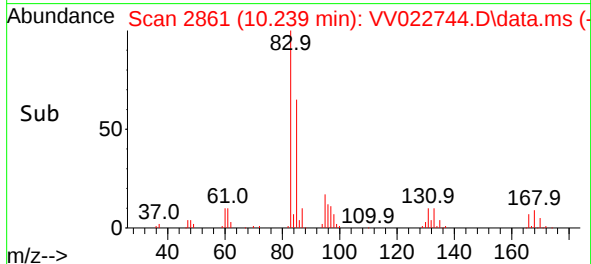
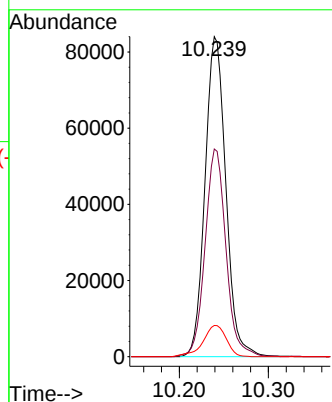
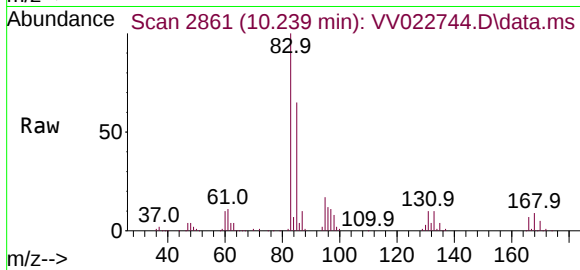




#57
1,1,2,2-Tetrachloroethane
Concen: 48.888 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

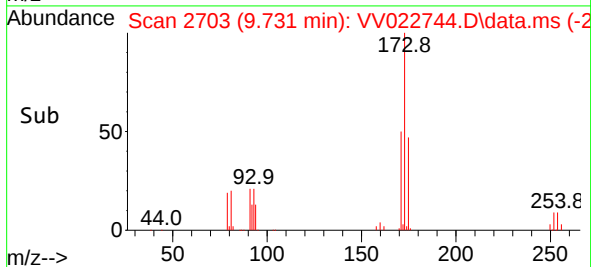
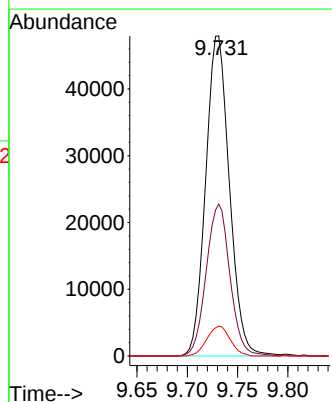
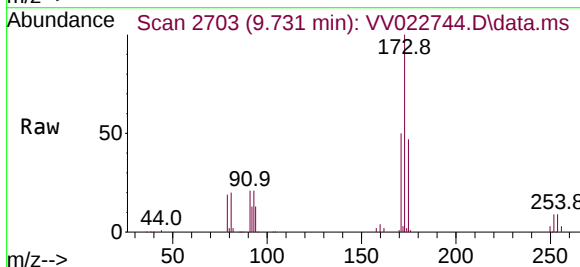
Instrument :
MSVOA_V
ClientSampleId :

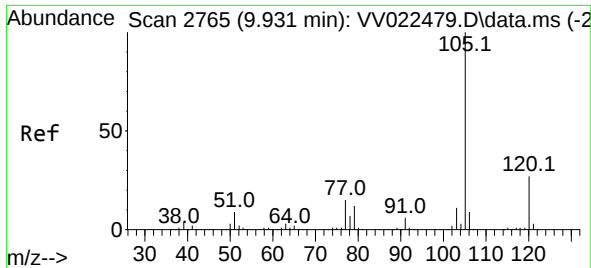
Tgt Ion: 83 Resp: 136222
Ion Ratio Lower Upper
83 100
85 64.9 45.2 84.0
131 9.8 8.2 12.4



#59
Bromoform
Concen: 50.664 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion: 173 Resp: 78965
Ion Ratio Lower Upper
173 100
175 47.3 38.3 57.5
254 9.1 7.0 10.6

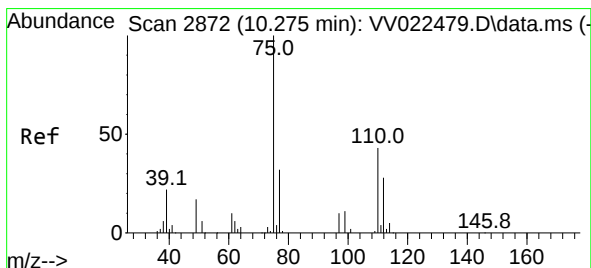
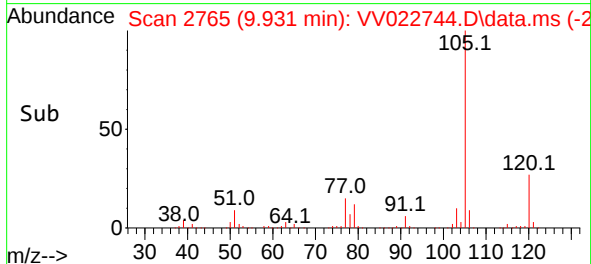
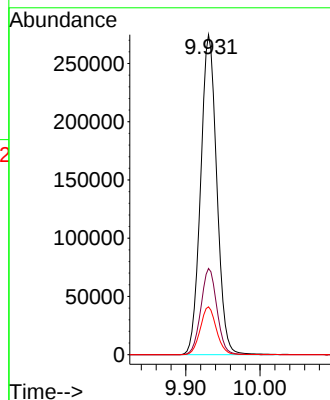
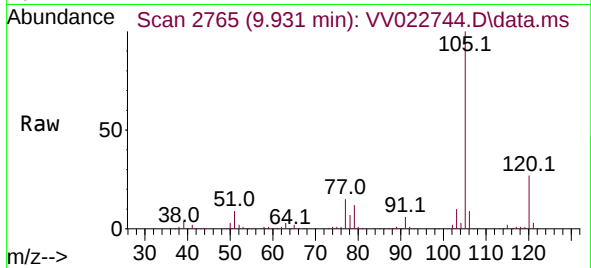




#60
Isopropylbenzene
Concen: 51.772 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

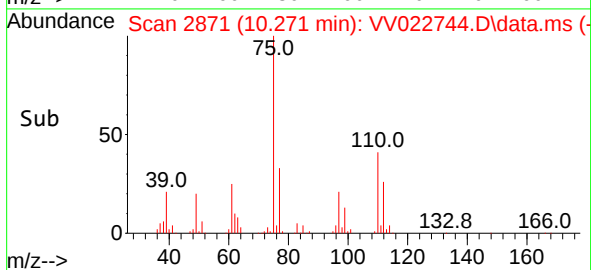
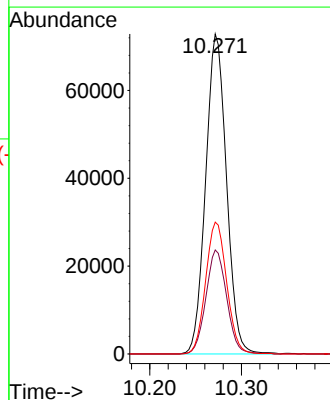
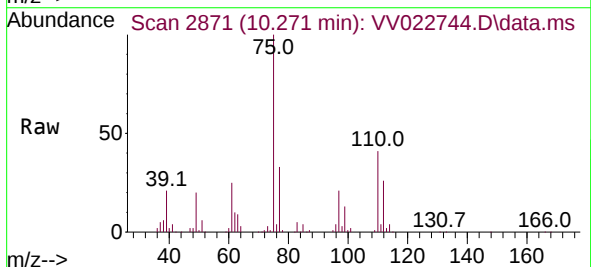
Instrument :
MSVOA_V
ClientSampled :

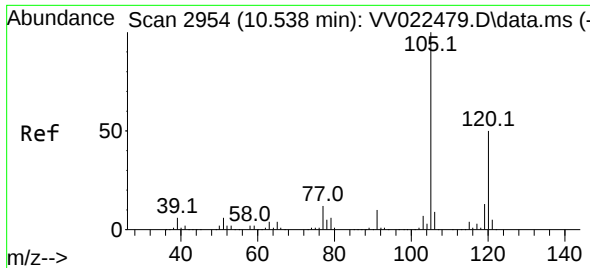
Tgt Ion:105 Resp: 415192
Ion Ratio Lower Upper
105 100
120 26.8 21.6 32.4
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 48.032 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion: 75 Resp: 115139
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0
110 41.5 34.3 51.5

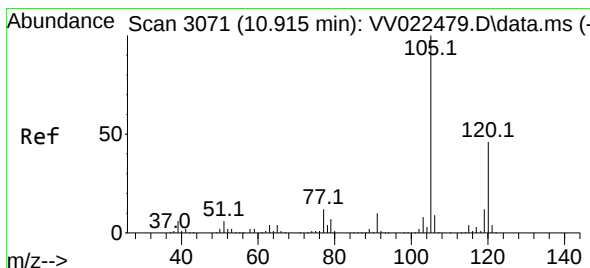
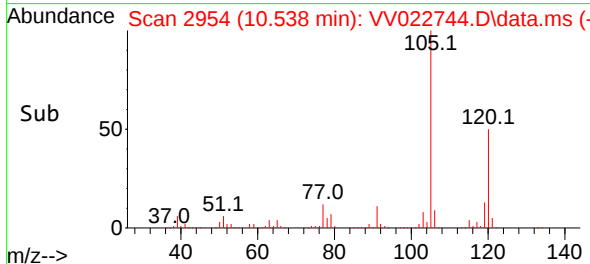
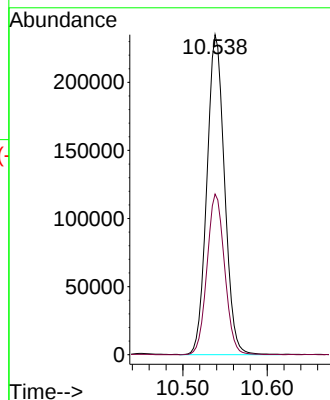
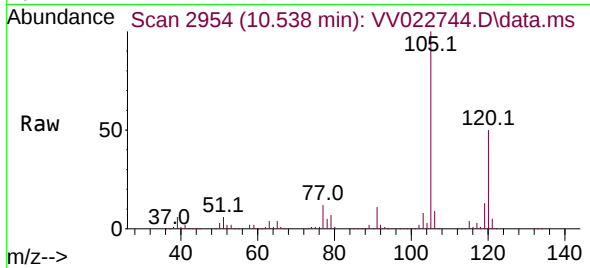




#62
1,3,5-Trimethylbenzene
Concen: 50.769 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

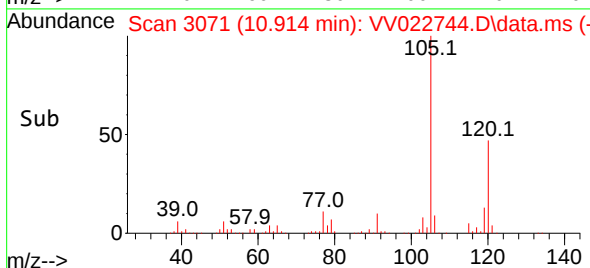
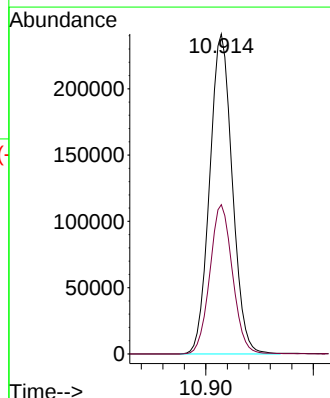
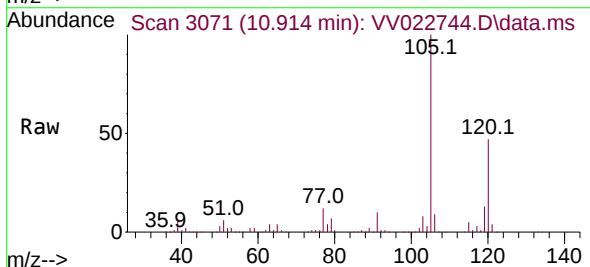
Instrument :
MSVOA_V
ClientSampled :

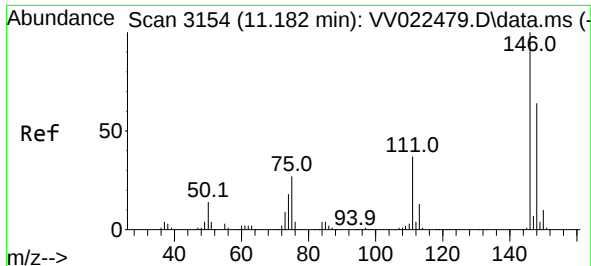
Tgt Ion:105 Resp: 342813
Ion Ratio Lower Upper
105 100
120 50.1 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 52.535 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion:105 Resp: 352649
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.0

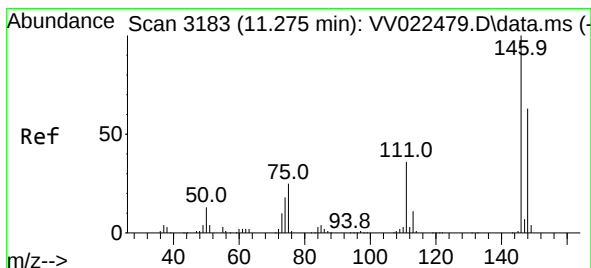
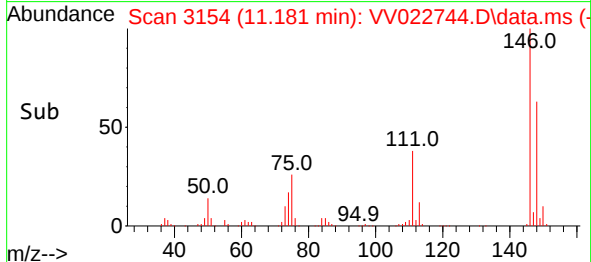
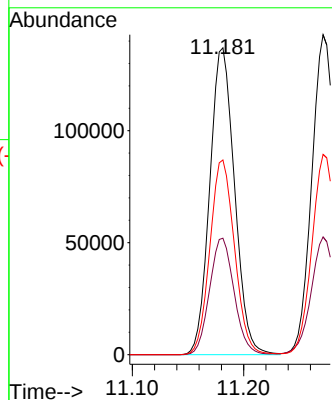
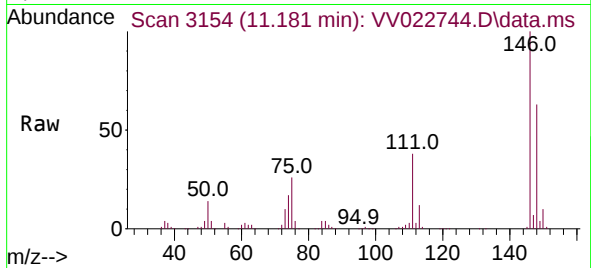




#64
1,3-Dichlorobenzene
Concen: 52.180 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

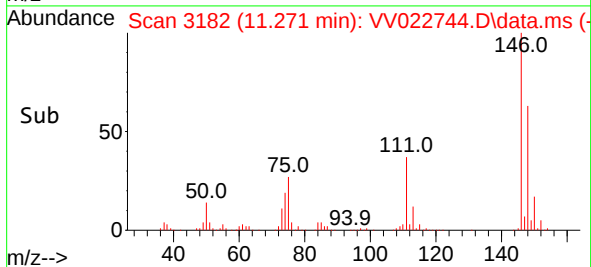
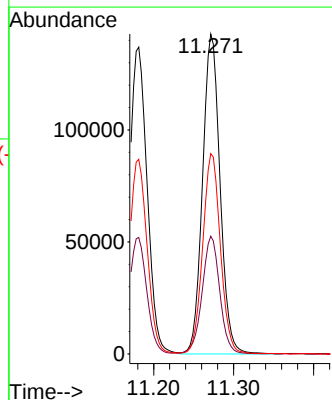
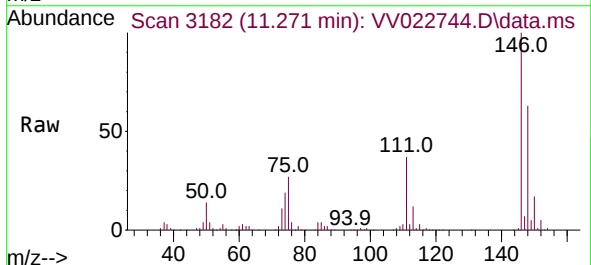
Instrument :
MSVOA_V
ClientSampleId :

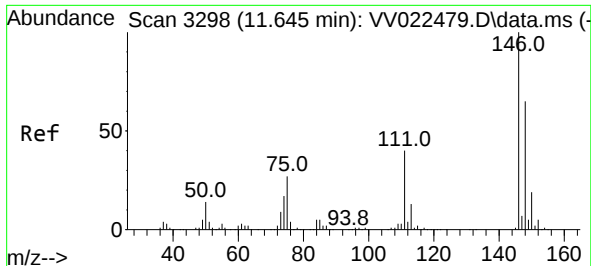
Tgt Ion:146 Resp: 212300
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.3
148 63.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 51.606 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion:146 Resp: 218061
Ion Ratio Lower Upper
146 100
111 36.8 25.5 47.3
148 62.6 43.9 81.5

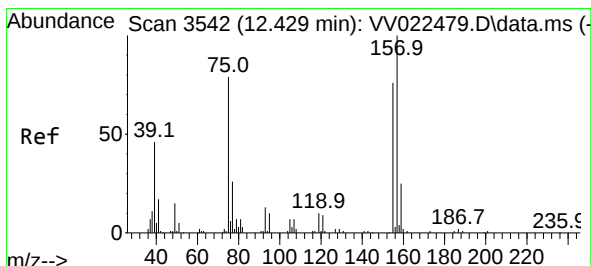
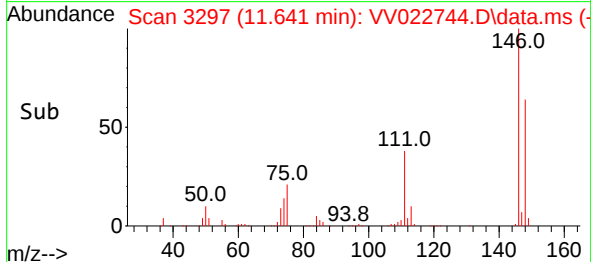
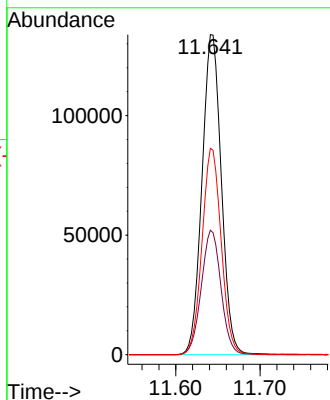
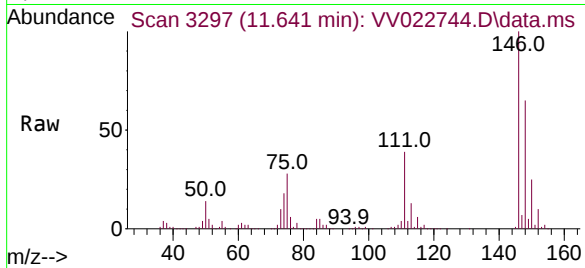




#67
1,2-Dichlorobenzene
Concen: 51.461 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

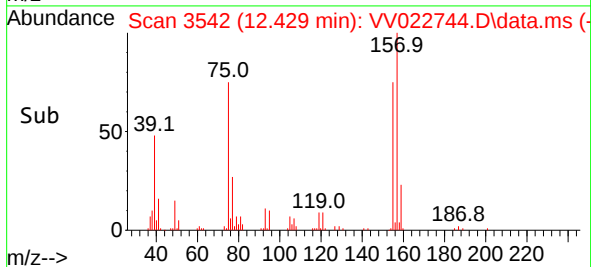
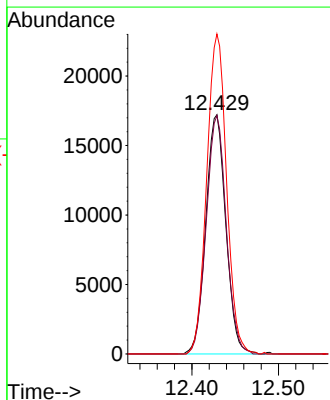
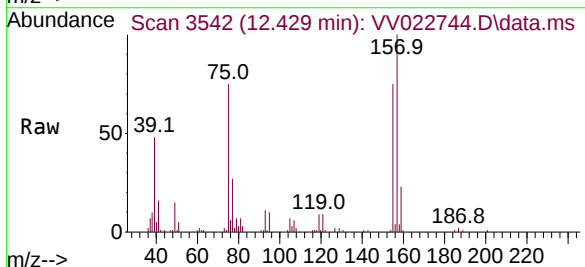
Instrument :
MSVOA_V
ClientSampleId :

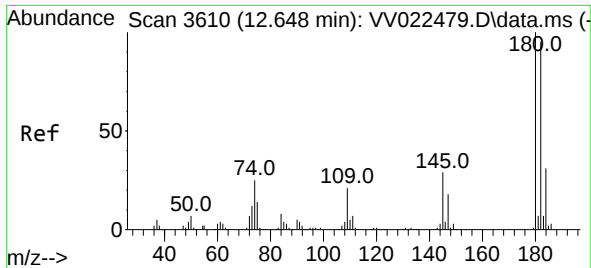
Tgt Ion:146 Resp: 213971
Ion Ratio Lower Upper
146 100
111 38.9 31.6 47.4
148 64.5 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 42.210 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion: 75 Resp: 27722
Ion Ratio Lower Upper
75 100
155 99.7 79.1 118.7
157 133.8 104.2 156.2



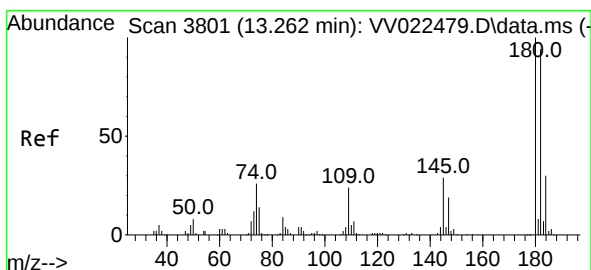
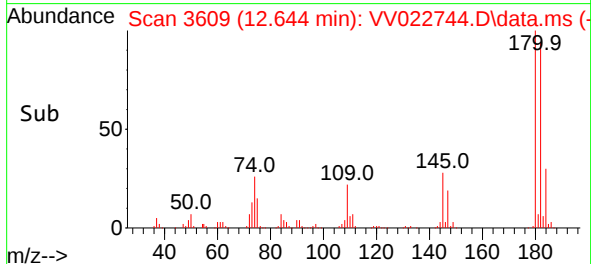
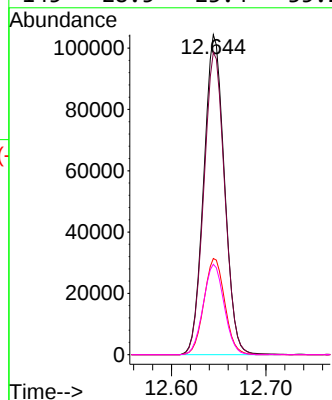
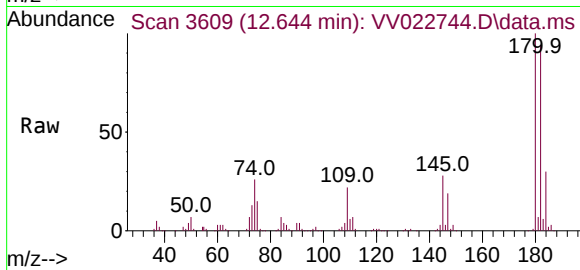


#69
 1,3,5-Trichlorobenzene
 Concen: 52.440 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV022744.D
 Acq: 12 Oct 2021 11:05

Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion:180 Resp: 158530

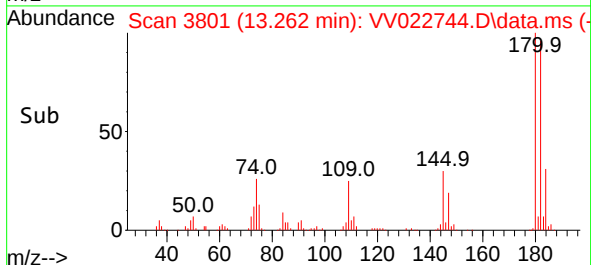
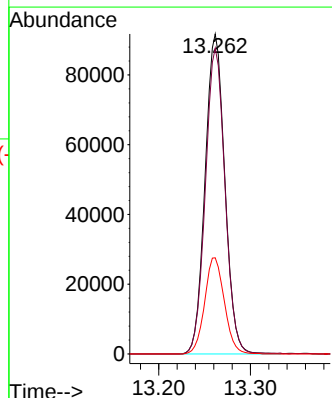
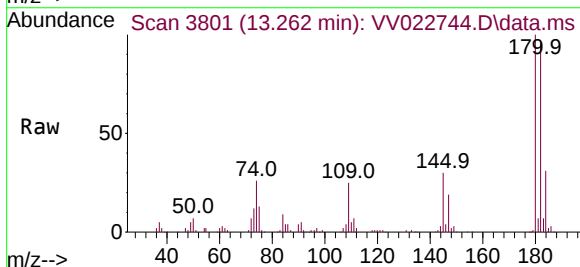
Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.4
184	30.2	23.6	35.4
145	28.5	23.4	35.2

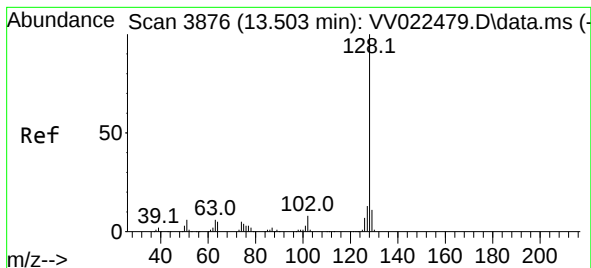


#70
 1,2,4-trichlorobenzene
 Concen: 50.324 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV022744.D
 Acq: 12 Oct 2021 11:05

Tgt Ion:180 Resp: 136804

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.5	113.3
145	30.1	23.0	34.4

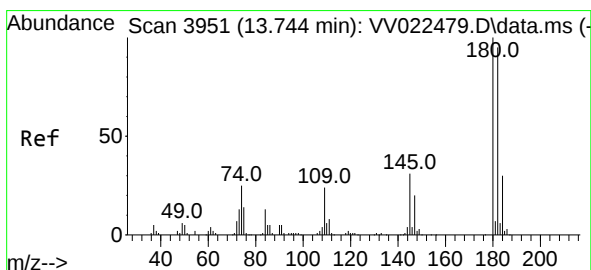
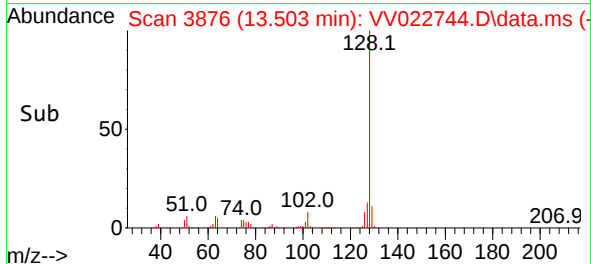
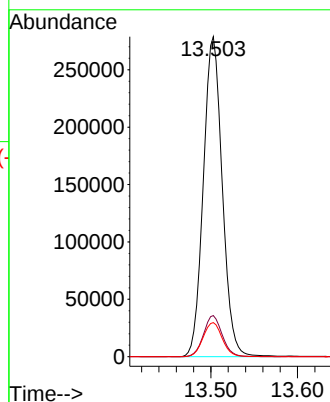
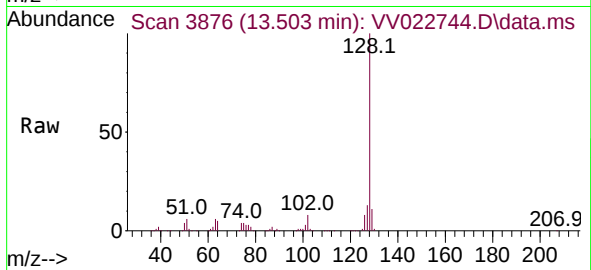




#71
Naphthalene
Concen: 47.293 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 423348
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.428 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022744.D
Acq: 12 Oct 2021 11:05

Tgt Ion:180 Resp: 144499
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
145 30.7 24.6 36.8

