

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092421\
 Data File : VV022323.D
 Acq On : 24 Sep 2021 17:51
 Operator : SY/MD
 Sample : M3878-16MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 25 04:33:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 25 04:30:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132985	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	130410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	68324	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27993	4.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.564	69	34220	4.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.108	63	68726	4.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.889	46	122612	44.776	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	4.352	84	90495	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.034	65	41839	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.053	84	169909	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.072	67	57332	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.316	98	149998	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.625	79	15525	4.439	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.088	63	100475	46.201	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43513	4.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	58852	4.590	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	50430	4.870	ug/L	99
3) Chloromethane	1.240	50	51048	4.933	ug/L	99
5) Vinyl chloride	1.307	62	50435	5.067	ug/L	100
6) Bromomethane	1.519	94	31426	4.926	ug/L	98
8) Chloroethane	1.584	64	30930	4.935	ug/L	94
9) Trichlorofluoromethane	1.751	101	70101	5.092	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	41204	5.023	ug/L	99
12) 1,1-Dichloroethene	2.114	96	37706	5.045	ug/L	91
13) Acetone	2.178	43	63117	40.653	ug/L	98
14) Carbon disulfide	2.291	76	124317	4.892	ug/L	100
15) Methyl Acetate	2.439	43	16596	4.817	ug/L	97
16) Methylene chloride	2.503	84	46269	3.558	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	91057	4.581	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	44565	4.992	ug/L	98
19) 1,1-Dichloroethane	3.188	63	79399	5.041	ug/L	97
21) 2-Butanone	3.976	43	99866	42.519	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	46199	5.207	ug/L	100
23) Bromochloromethane	4.249	128	20862	4.980	ug/L	97
25) Chloroform	4.378	83	78922	4.903	ug/L	99

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 Response via : Initial Calibration

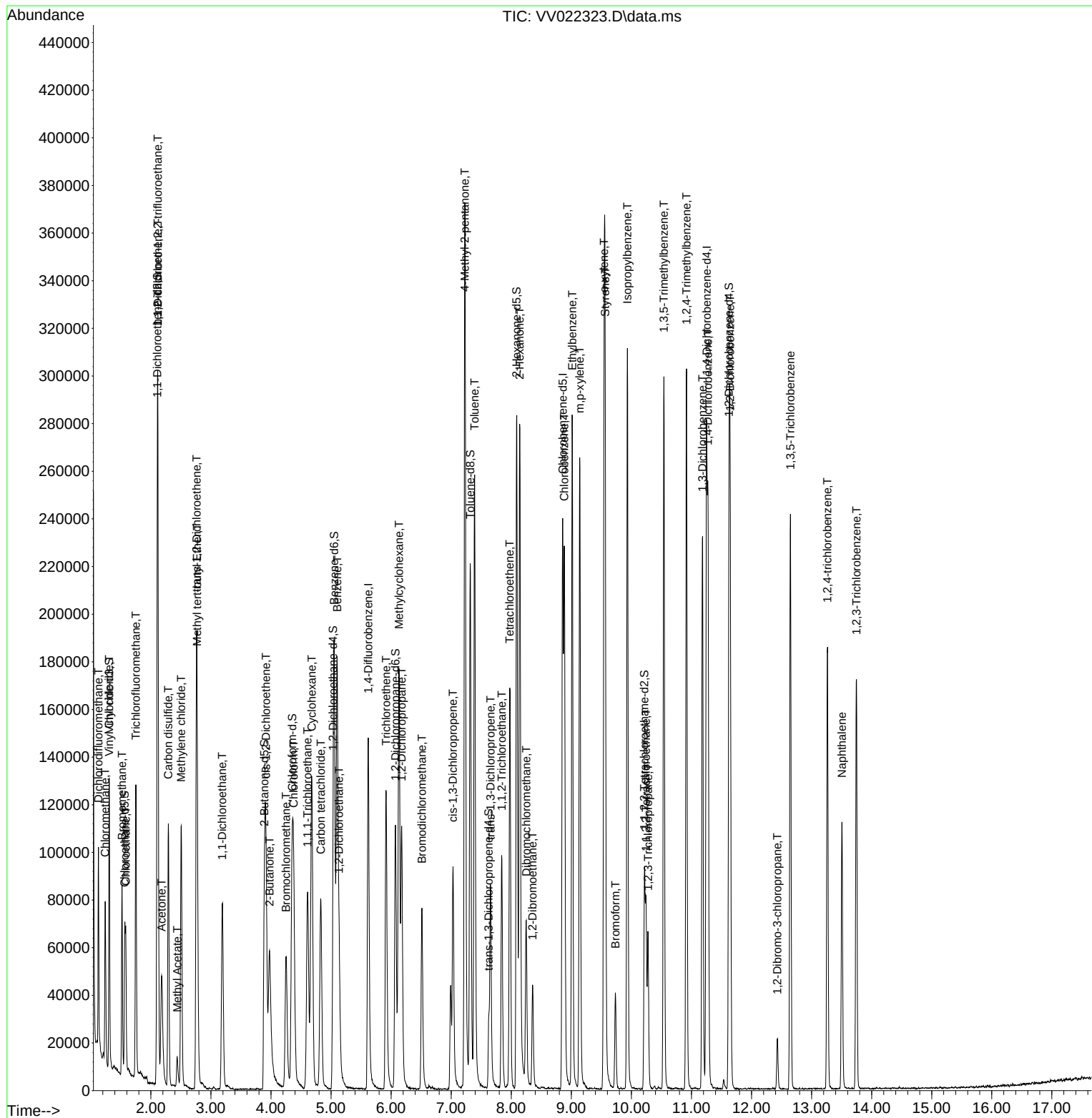
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43977	4.679	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	68422	5.038	ug/L	99
30) Cyclohexane	4.677	56	68814	5.075	ug/L	97
31) Carbon tetrachloride	4.828	117	59339	5.143	ug/L	100
33) Benzene	5.101	78	181642	5.295	ug/L	100
34) Trichloroethene	5.915	95	45805	5.255	ug/L	99
35) Methylcyclohexane	6.133	83	71887	5.164	ug/L	99
37) 1,2-Dichloropropane	6.175	63	45358	5.237	ug/L	98
38) Bromodichloromethane	6.513	83	52515	5.033	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	58206	5.082	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	256591	45.973	ug/L	100
42) Toluene	7.390	91	191382	5.266	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	49216	5.027	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	31416	4.798	ug/L	99
47) Tetrachloroethene	7.976	164	39180	5.300	ug/L	95
48) 2-Hexanone	8.140	43	182123	46.439	ug/L	100
49) Dibromochloromethane	8.249	129	36209	5.142	ug/L	93
50) 1,2-Dibromoethane	8.355	107	29288	4.811	ug/L	96
51) Chlorobenzene	8.882	112	121402	5.086	ug/L	96
52) Ethylbenzene	9.014	91	198576	5.253	ug/L	98
53) m,p-xylene	9.140	106	76584	5.246	ug/L	97
54) o-xylene	9.545	106	74172	5.214	ug/L	100
55) Styrene	9.564	104	126870	5.375	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	36252	4.458	ug/L	98
59) Bromoform	9.734	173	18166	4.766	ug/L	96
60) Isopropylbenzene	9.934	105	194626	5.112	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	25239	4.259	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	159688	5.136	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	162544	5.245	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	96729	5.162	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	96054	5.058	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	89257	4.997	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	4742	4.025	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	73785	5.191	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	56711	5.008	ug/L	98
71) Naphthalene	13.506	128	88467	4.299	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	52741	4.984	ug/L	99

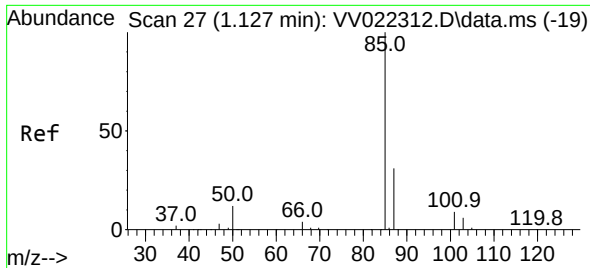
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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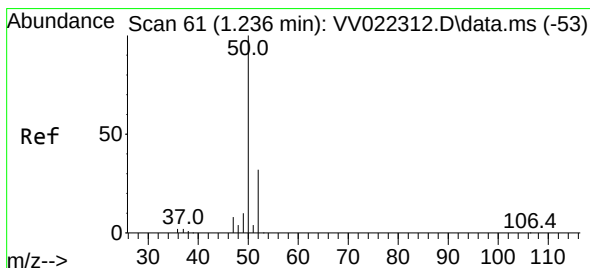
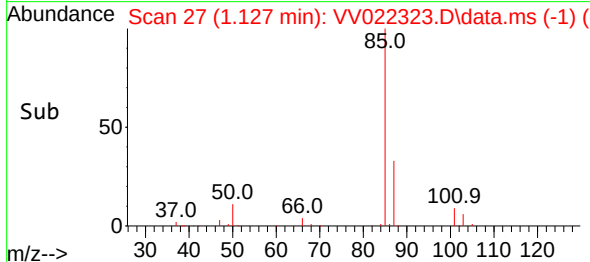
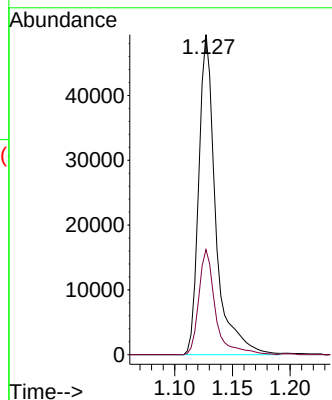
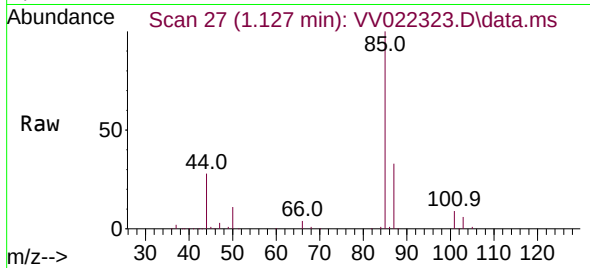




#2
 Dichlorodifluoromethane
 Concen: 4.870 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022323.D
 Acq: 24 Sep 2021 17:51

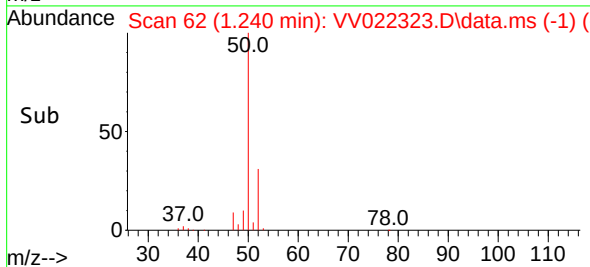
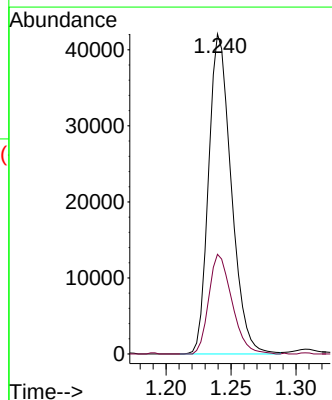
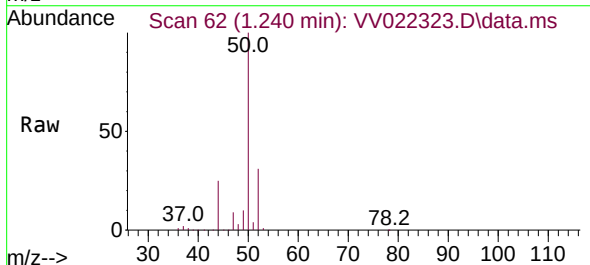
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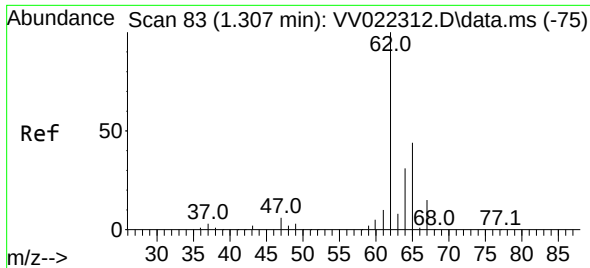
Tgt Ion: 85 Resp: 50430
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.4 39.6



#3
 Chloromethane
 Concen: 4.933 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV022323.D
 Acq: 24 Sep 2021 17:51

Tgt Ion: 50 Resp: 51048
 Ion Ratio Lower Upper
 50 100
 52 31.2 22.2 41.2

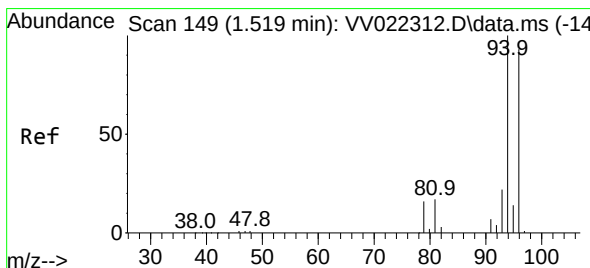
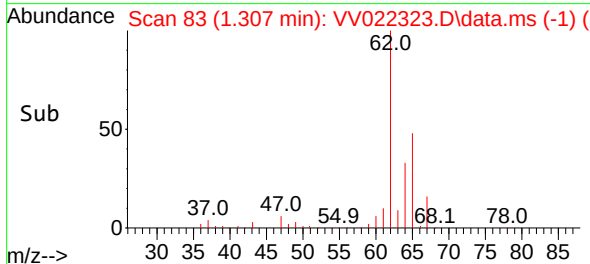
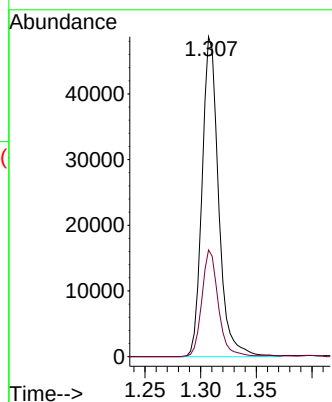
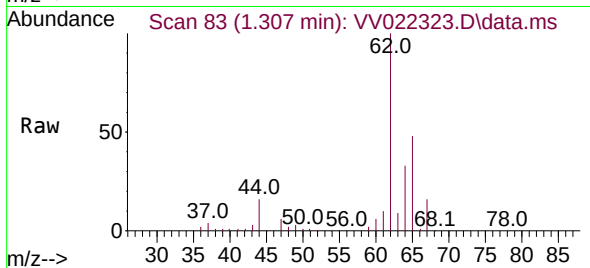




#5
 Vinyl chloride
 Concen: 5.067 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022323.D
 Acq: 24 Sep 2021 17:51

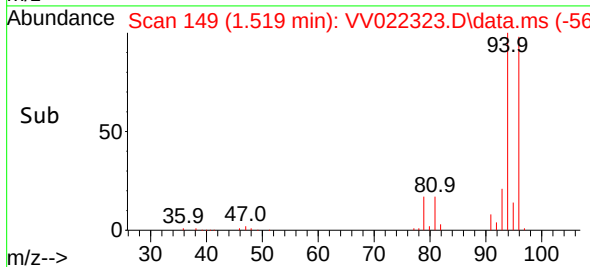
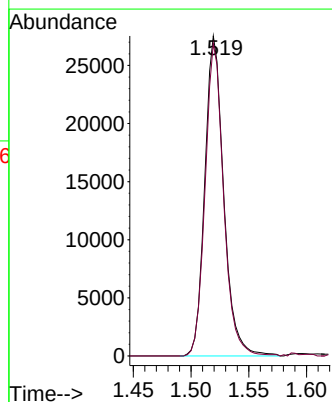
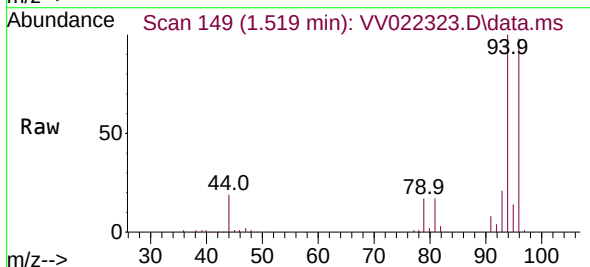
Instrument :
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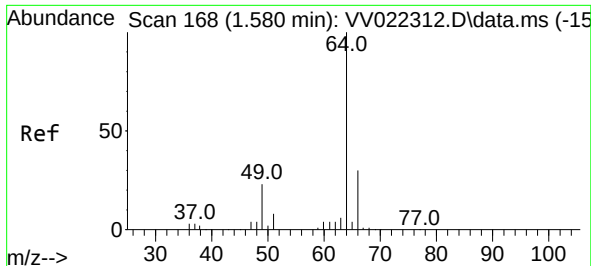
Tgt Ion: 62 Resp: 50435
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 4.926 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV022323.D
 Acq: 24 Sep 2021 17:51

Tgt Ion: 94 Resp: 31426
 Ion Ratio Lower Upper
 94 100
 96 97.6 66.6 123.8

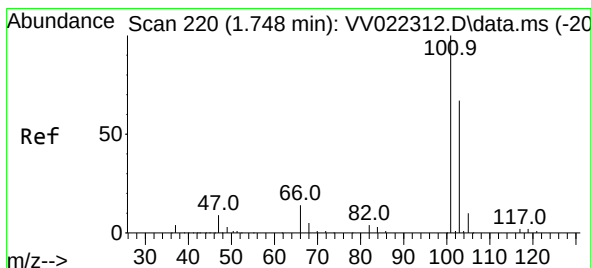
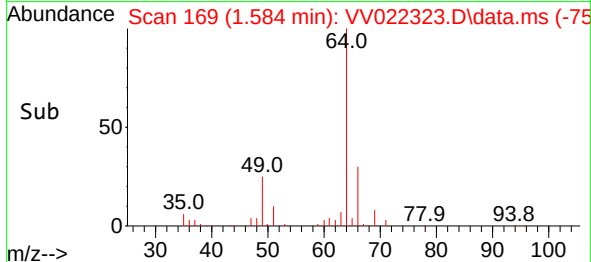
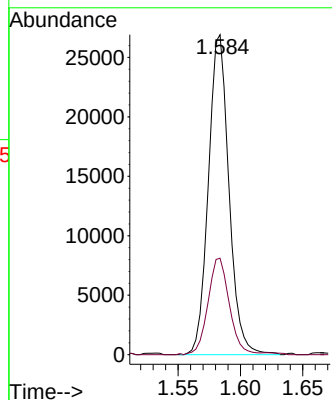
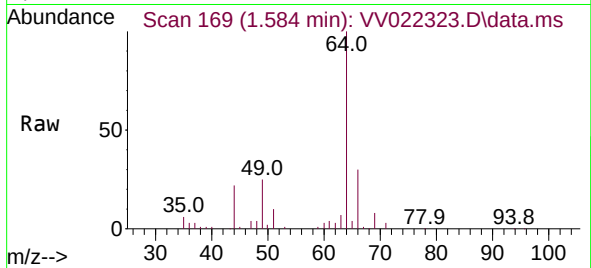




#8
Chloroethane
Concen: 4.935 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

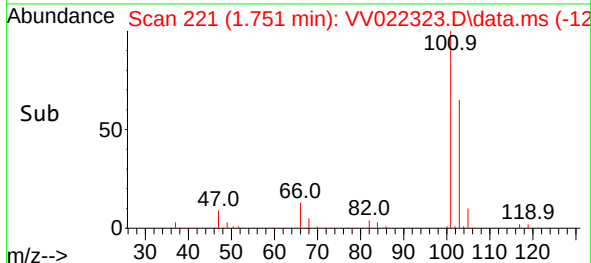
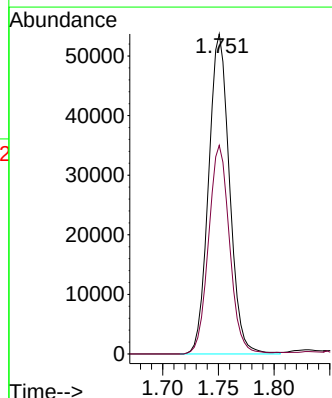
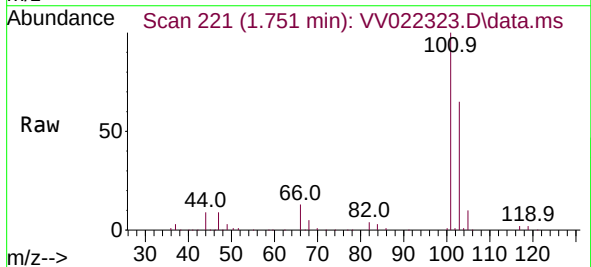
Instrument :
MSVOA_V
ClientSampled :

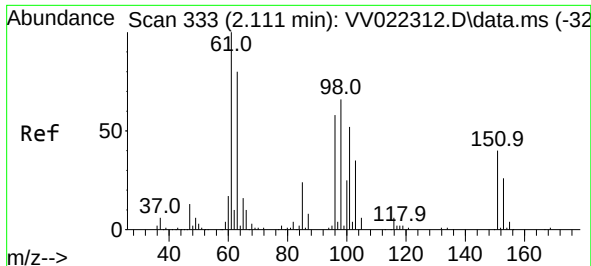
Tgt Ion: 64 Resp: 30930
Ion Ratio Lower Upper
64 100
66 30.2 23.6 43.8



#9
Trichlorofluoromethane
Concen: 5.092 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion:101 Resp: 70101
Ion Ratio Lower Upper
101 100
103 65.3 51.3 76.9

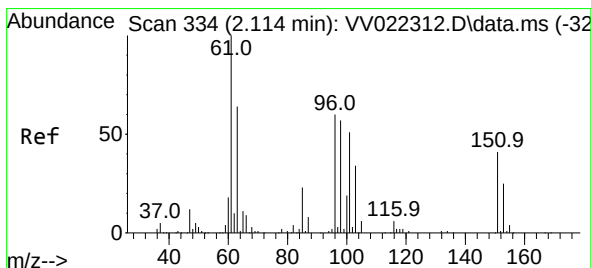
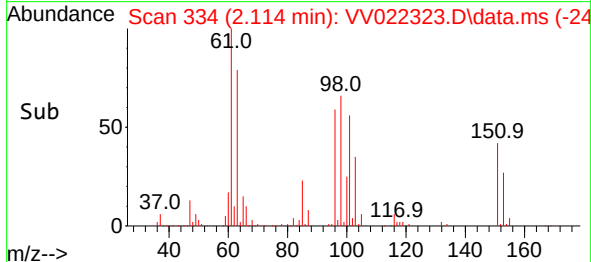
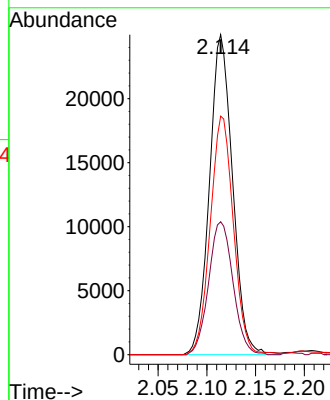
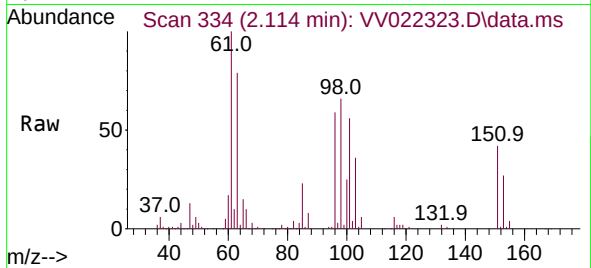




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.023 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

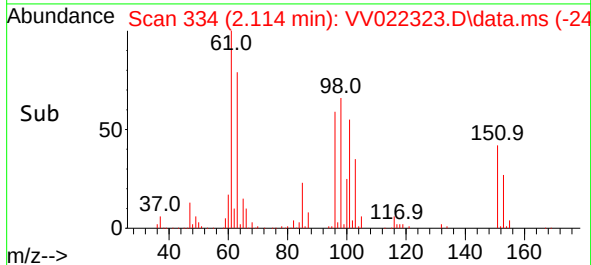
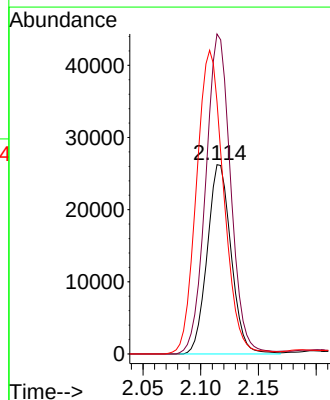
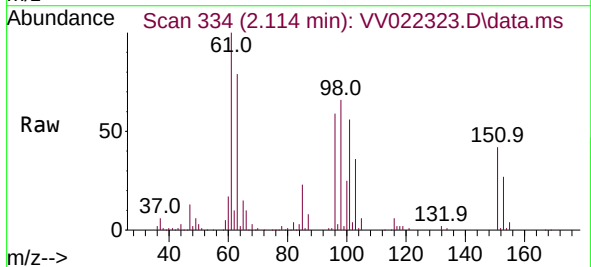
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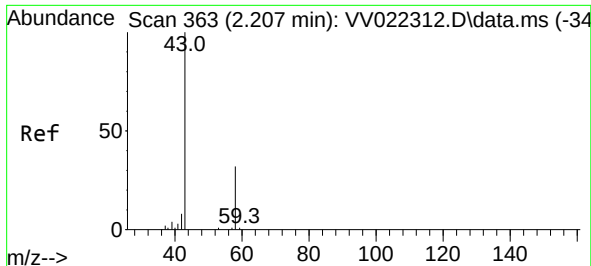
Tgt Ion:101 Resp: 41204
Ion Ratio Lower Upper
101 100
85 43.7 35.2 52.8
151 74.8 58.8 88.2



#12
1,1-Dichloroethene
Concen: 5.045 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 96 Resp: 37706
Ion Ratio Lower Upper
96 100
61 169.0 127.4 236.6
63 133.2 100.0 185.6

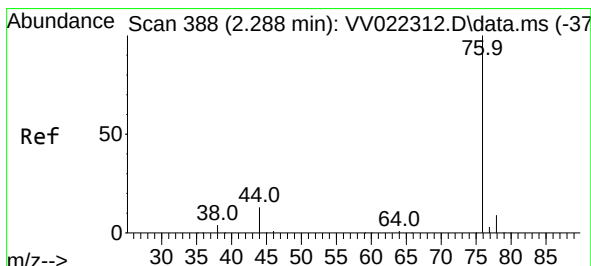
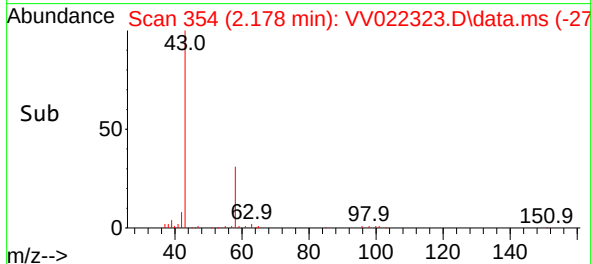
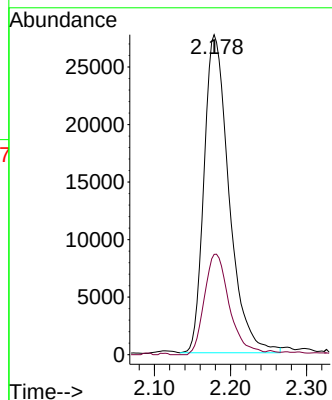
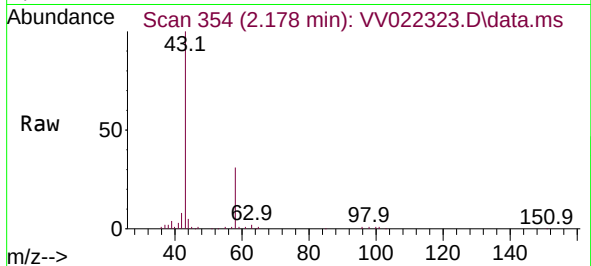




#13
Acetone
Concen: 40.653 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.029 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

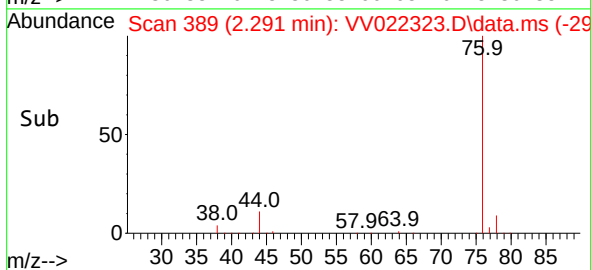
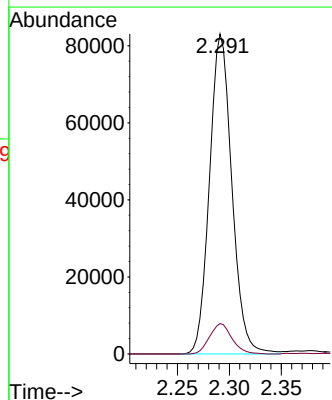
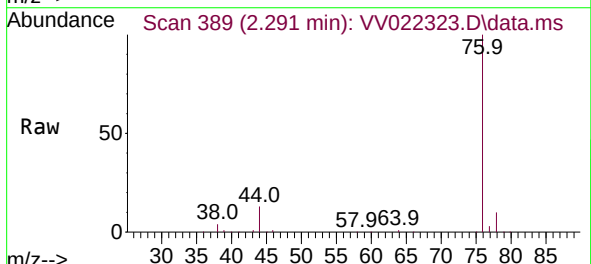
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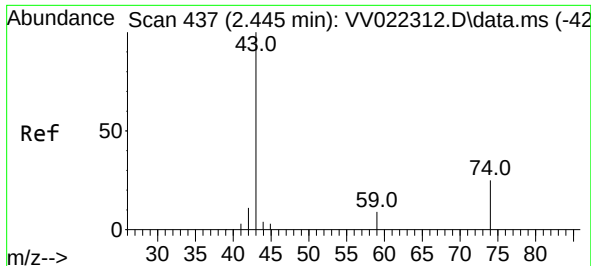
Tgt Ion: 43 Resp: 63117
Ion Ratio Lower Upper
43 100
58 31.7 0.0 66.2



#14
Carbon disulfide
Concen: 4.892 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 124317
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

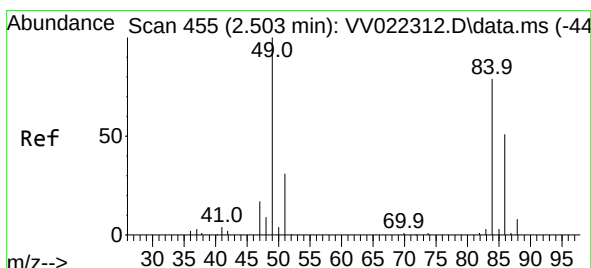
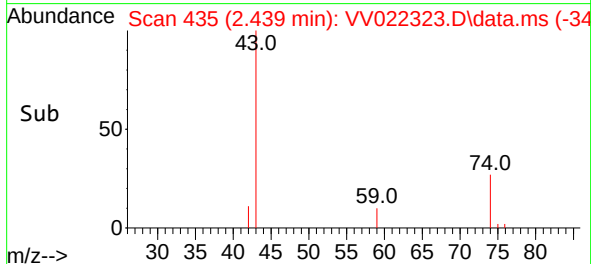
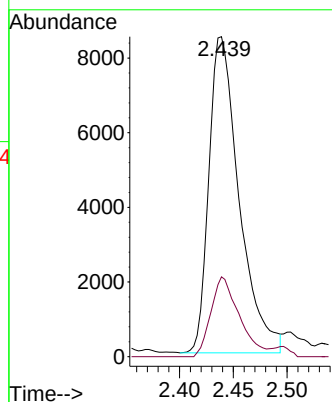
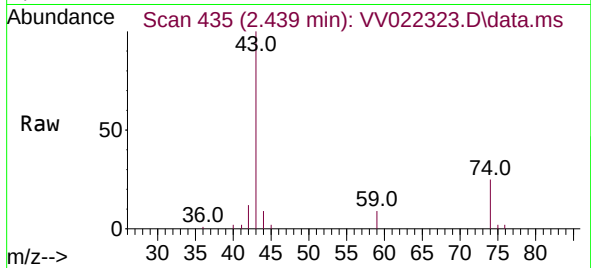




#15
Methyl Acetate
Concen: 4.817 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.006 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

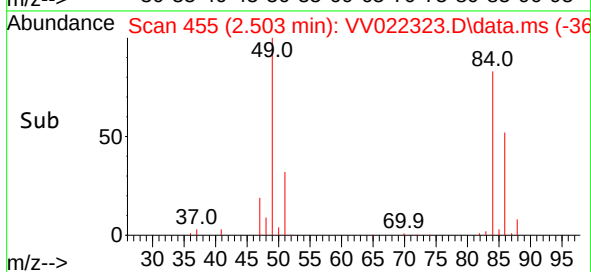
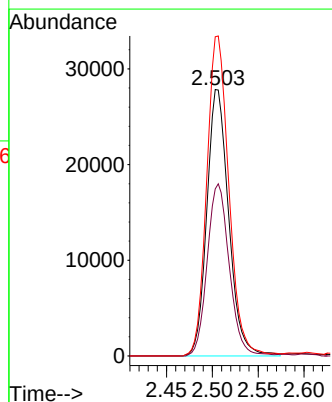
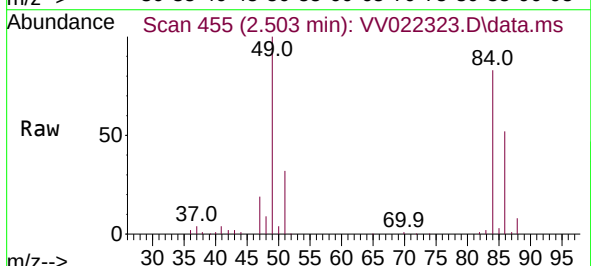
Instrument :
MSVOA_V
ClientSampled :

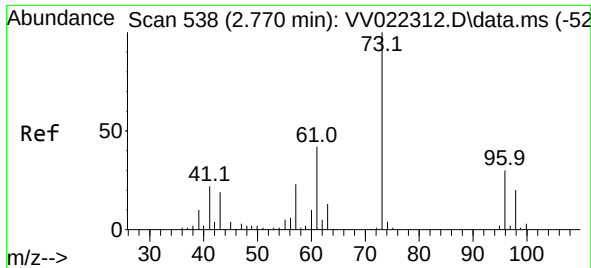
Tgt Ion: 43 Resp: 16596
Ion Ratio Lower Upper
43 100
74 23.5 17.5 26.3



#16
Methylene chloride
Concen: 3.558 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 84 Resp: 46269
Ion Ratio Lower Upper
84 100
86 62.7 47.1 87.5
49 119.8 86.9 161.5

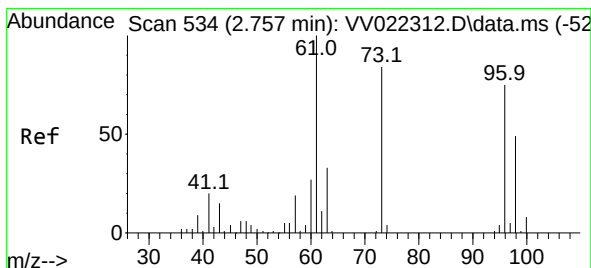
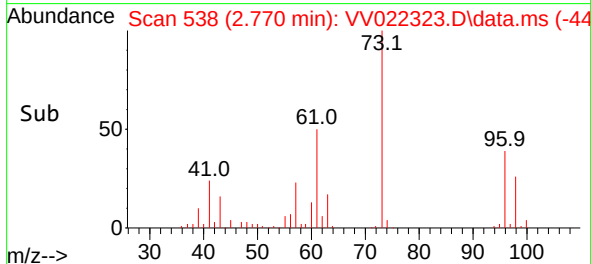
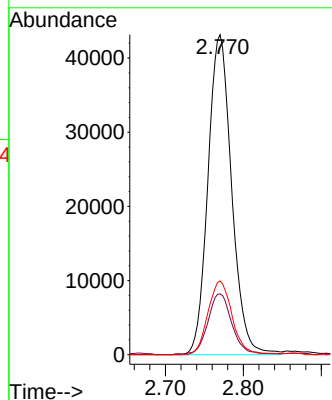
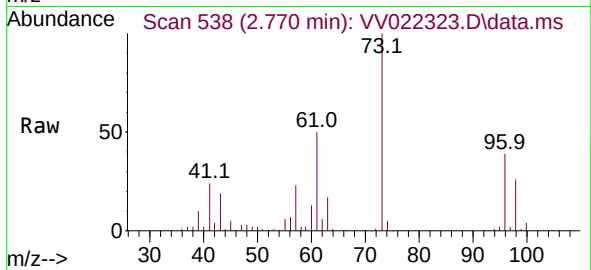




#17
Methyl tert-butyl Ether
Concen: 4.581 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

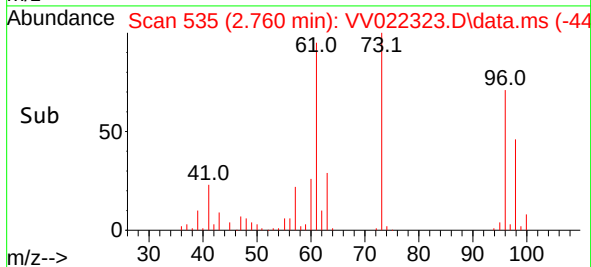
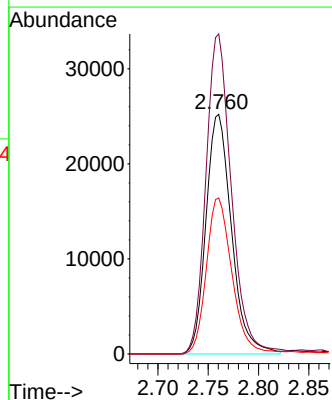
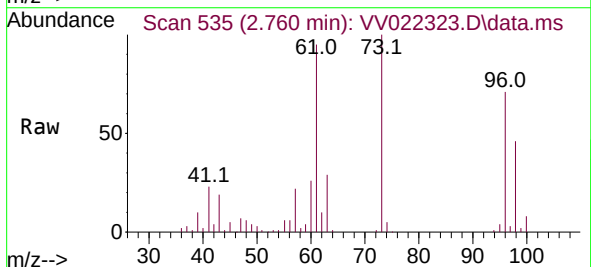
Instrument :
MSVOA_V
ClientSampleId :

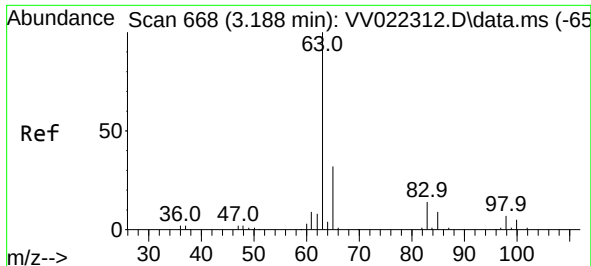
Tgt Ion: 73	Resp: 91057
Ion Ratio	Lower Upper
73 100	
43 19.4	15.0 22.6
57 23.5	18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.992 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 96	Resp: 44565
Ion Ratio	Lower Upper
96 100	
61 133.5	92.0 170.9
98 65.1	44.7 83.1

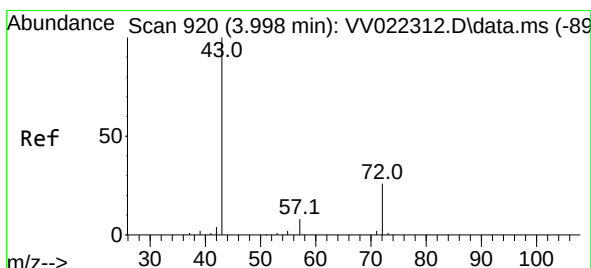
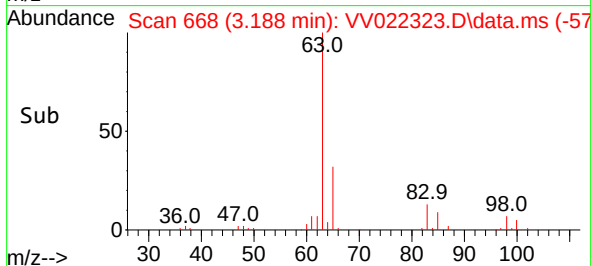
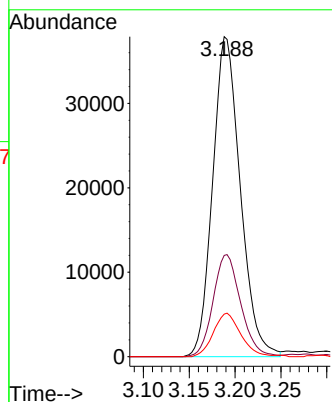
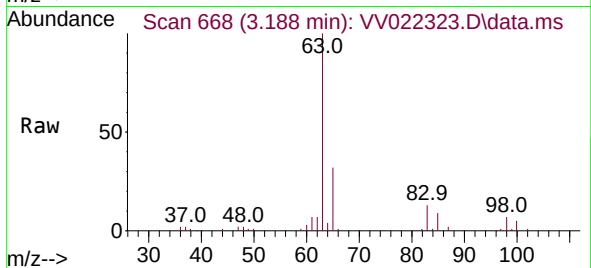




#19
1,1-Dichloroethane
Concen: 5.041 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

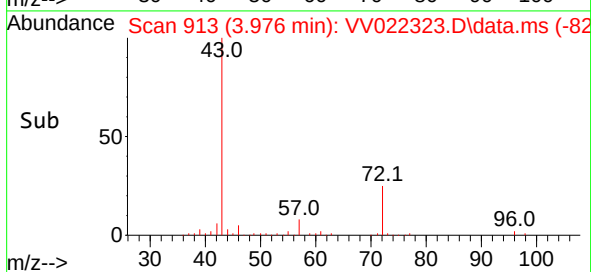
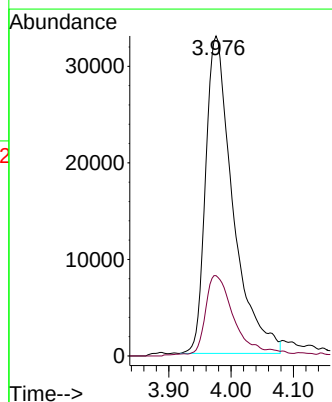
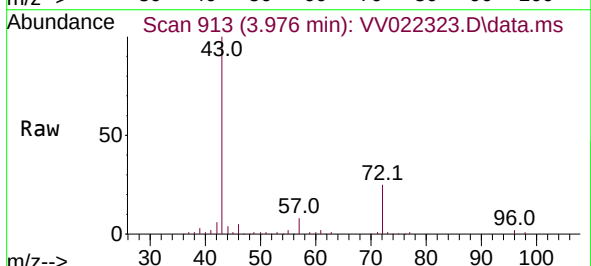
Instrument :
MSVOA_V
ClientSampleId :

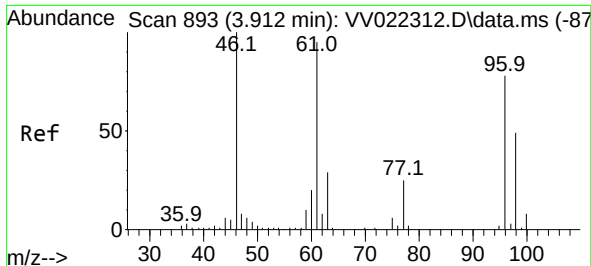
Tgt Ion:	63	Resp:	79399
Ion	Ratio	Lower	Upper
63	100		
65	31.7	20.6	38.4
83	13.3	9.4	17.4



#21
2-Butanone
Concen: 42.519 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.023 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion:	43	Resp:	99866
Ion	Ratio	Lower	Upper
43	100		
72	24.6	12.4	37.2

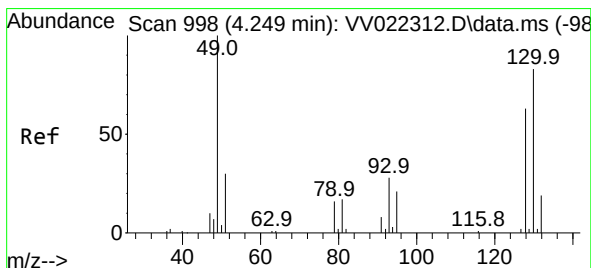
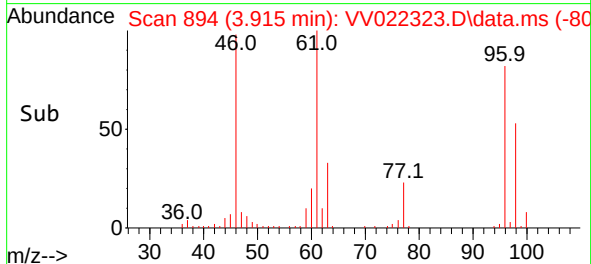
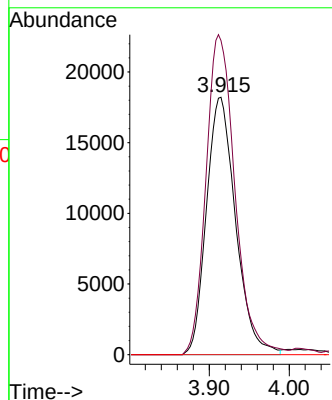
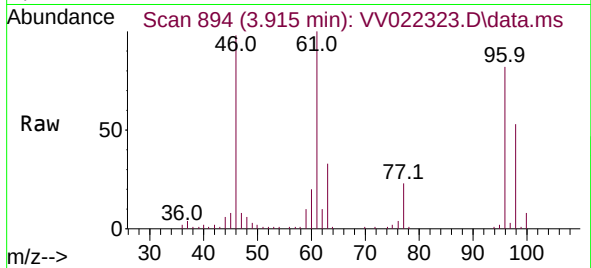




#22
 cis-1,2-Dichloroethene
 Concen: 5.207 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV022323.D
 Acq: 24 Sep 2021 17:51

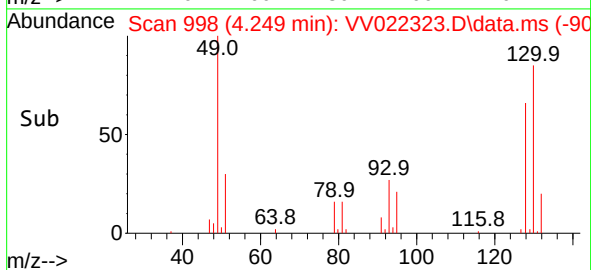
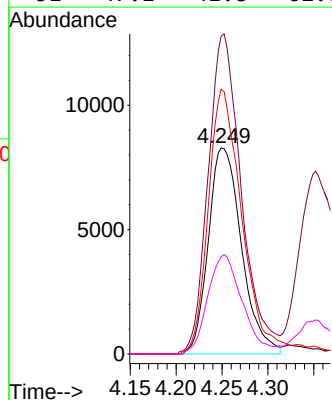
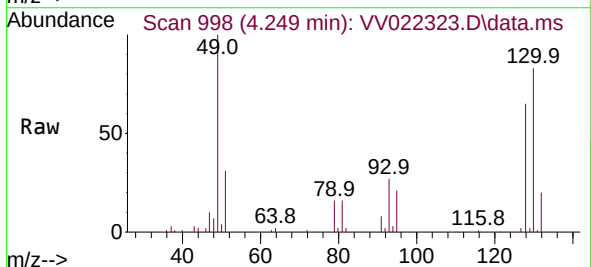
Instrument :
 MSVOA_V
 ClientSampled :

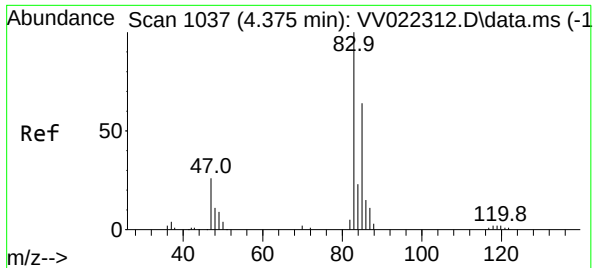
Tgt Ion: 96 Resp: 46199
 Ion Ratio Lower Upper
 96 100
 61 122.0 85.8 159.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.980 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VV022323.D
 Acq: 24 Sep 2021 17:51

Tgt Ion: 128 Resp: 20862
 Ion Ratio Lower Upper
 128 100
 49 154.3 110.9 205.9
 130 128.5 88.3 163.9
 51 47.1 41.8 62.6





#25

Chloroform

Concen: 4.903 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV022323.D

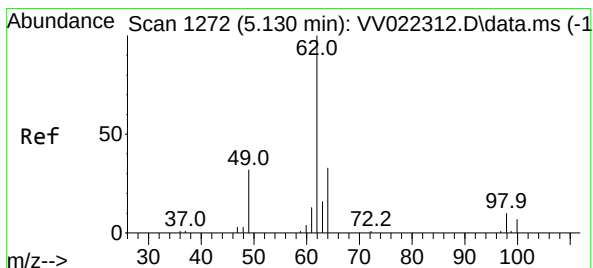
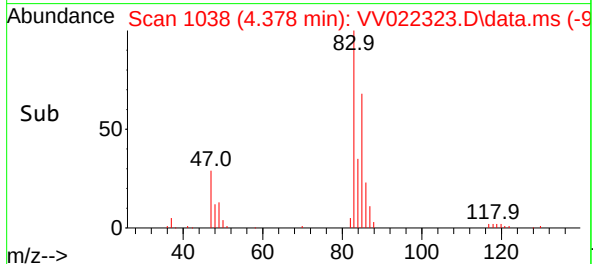
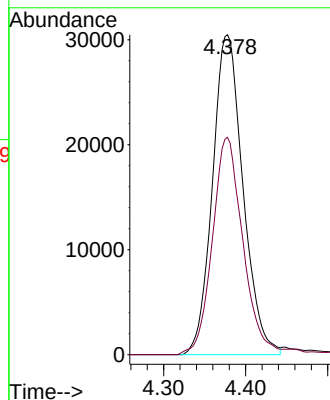
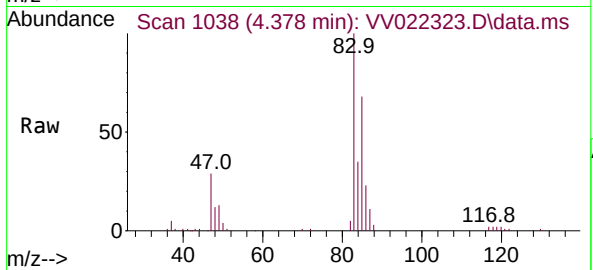
Acq: 24 Sep 2021 17:51

Tgt Ion: 83 Resp: 78922

Ion Ratio Lower Upper

83 100

85 68.0 47.0 87.2



#27

1,2-Dichloroethane

Concen: 4.679 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV022323.D

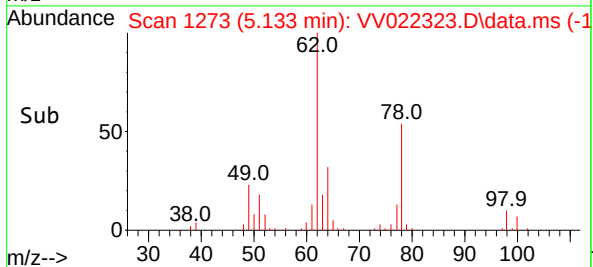
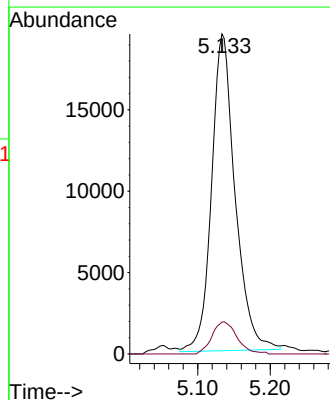
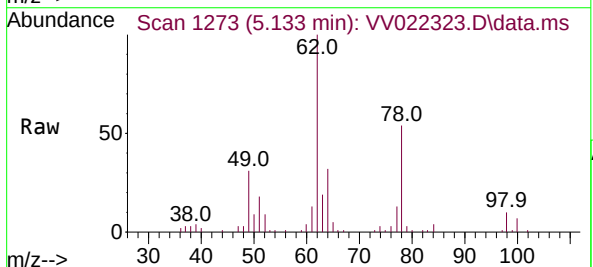
Acq: 24 Sep 2021 17:51

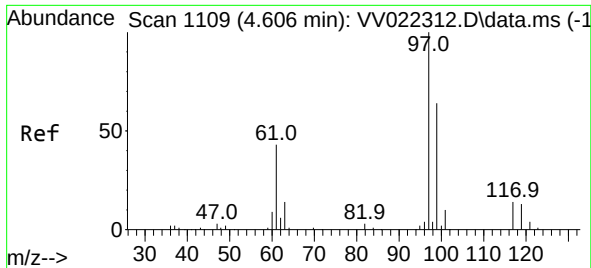
Tgt Ion: 62 Resp: 43977

Ion Ratio Lower Upper

62 100

98 9.9 8.8 13.2



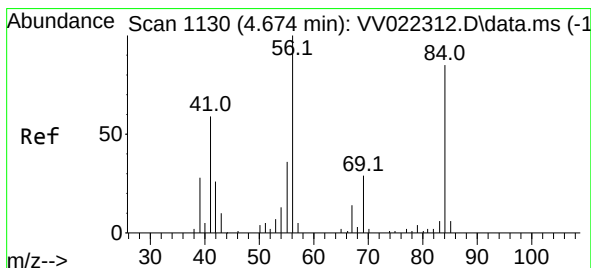
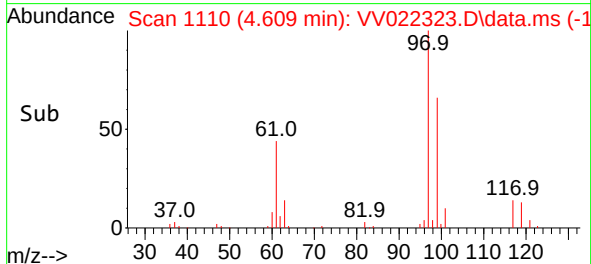
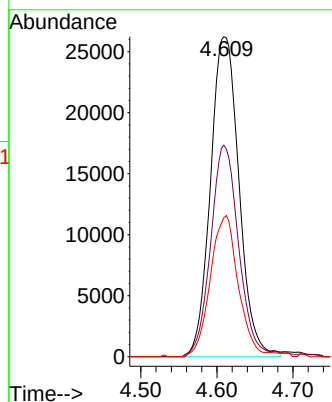
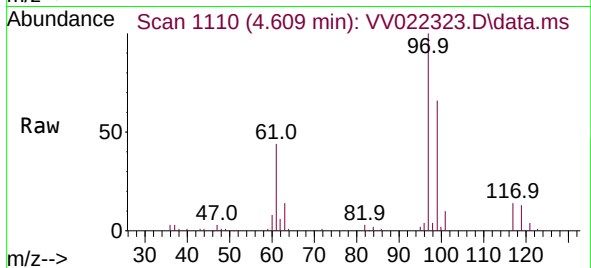


#29

1,1,1-Trichloroethane
Concen: 5.038 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Instrument :
MSVOA_V
ClientSampled :

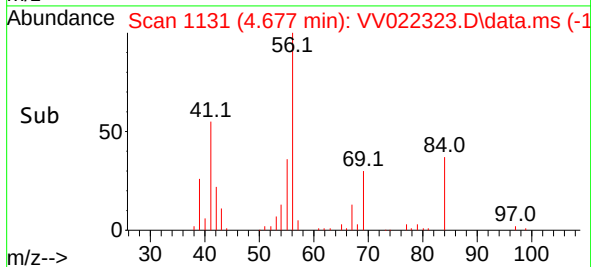
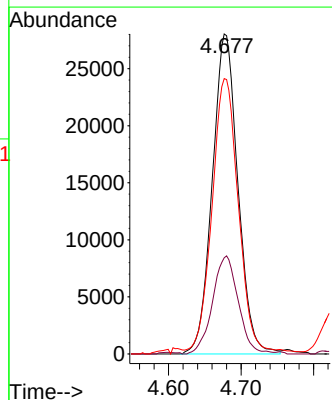
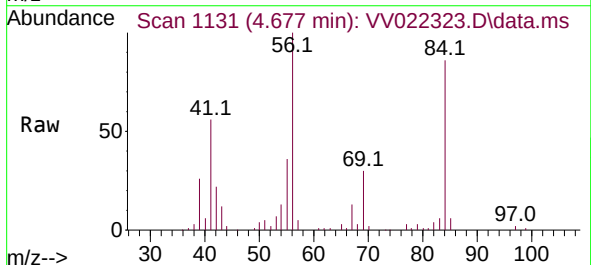
Tgt Ion: 97 Resp: 68422
Ion Ratio Lower Upper
97 100
99 65.2 51.5 77.3
61 43.4 35.5 53.3

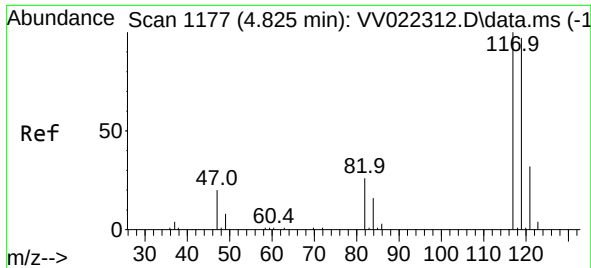


#30

Cyclohexane
Concen: 5.075 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 56 Resp: 68814
Ion Ratio Lower Upper
56 100
69 30.8 24.1 36.1
84 85.0 70.8 106.2

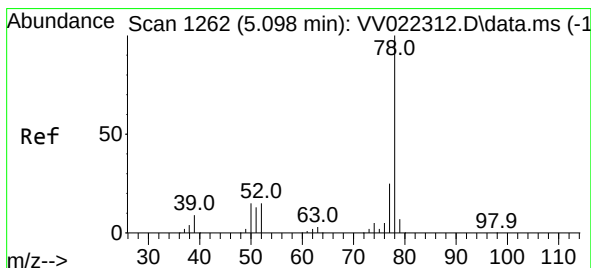
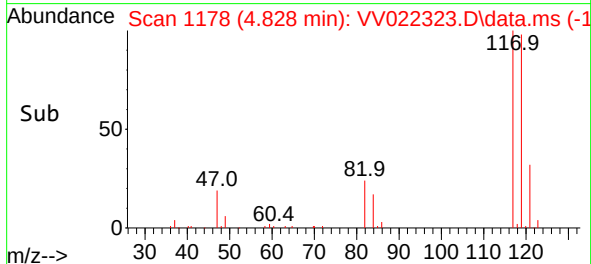
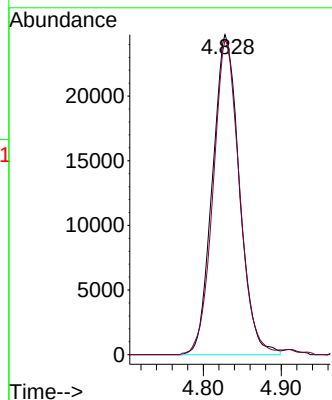
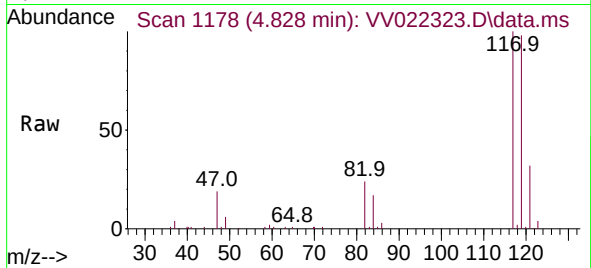




#31
Carbon tetrachloride
Concen: 5.143 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

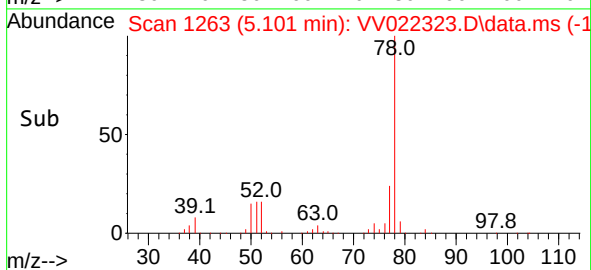
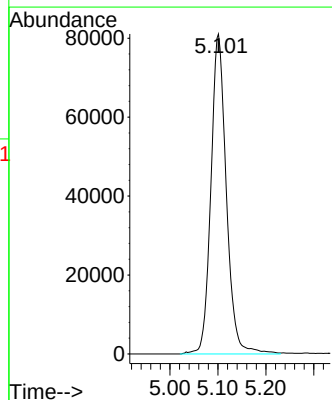
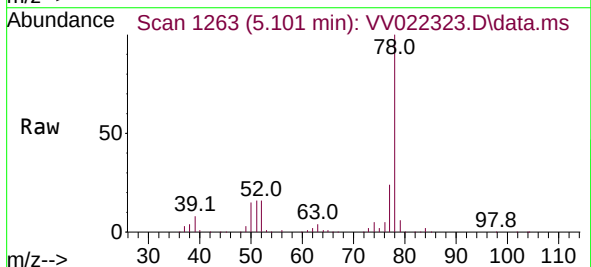
Instrument :
MSVOA_V
ClientSampled :

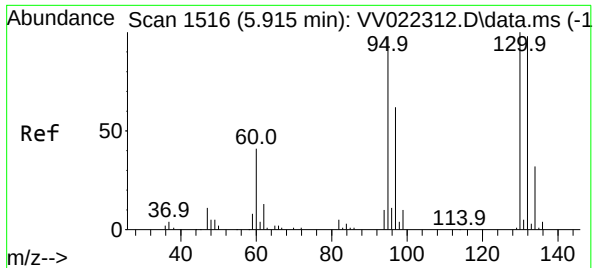
Tgt Ion:117 Resp: 59339
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7



#33
Benzene
Concen: 5.295 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 78 Resp: 181642

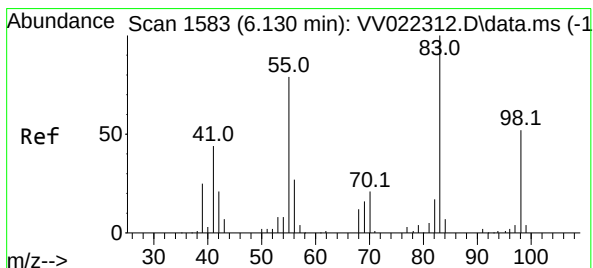
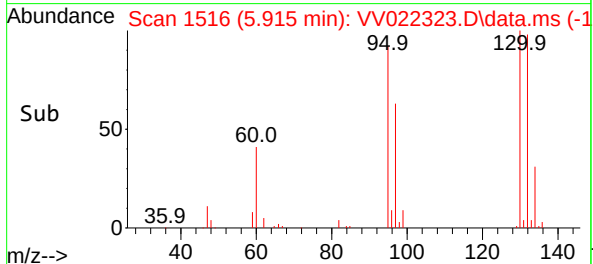
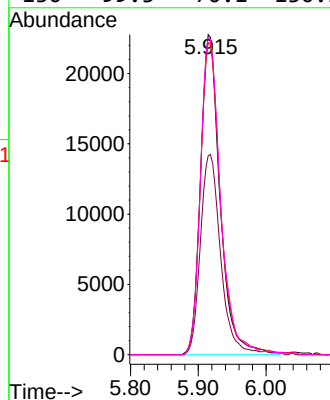
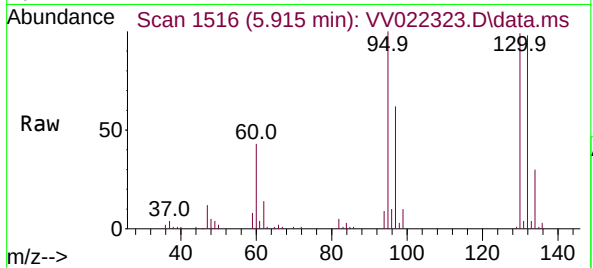




#34
Trichloroethene
Concen: 5.255 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

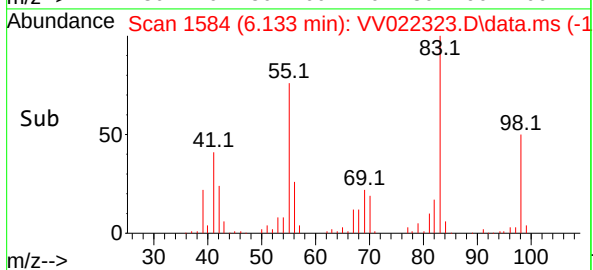
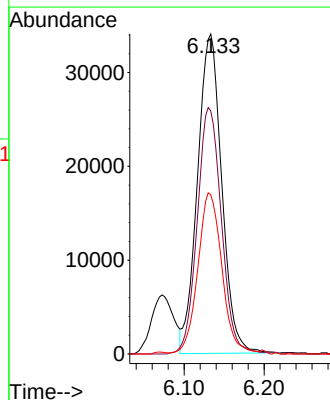
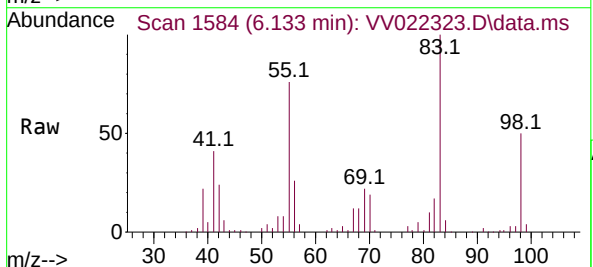
Instrument :
MSVOA_V
ClientSampleId :

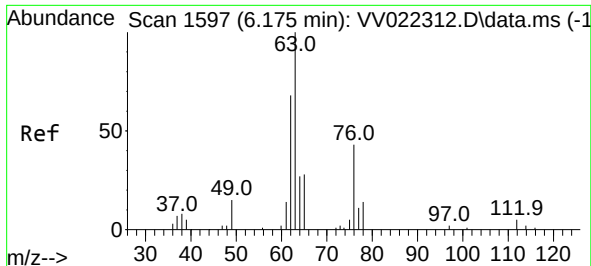
Tgt Ion: 95 Resp: 45805
Ion Ratio Lower Upper
95 100
97 62.2 44.7 82.9
132 97.5 67.5 125.3
130 99.3 70.1 130.3



#35
Methylcyclohexane
Concen: 5.164 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 83 Resp: 71887
Ion Ratio Lower Upper
83 100
55 76.9 60.2 90.2
98 49.2 39.5 59.3



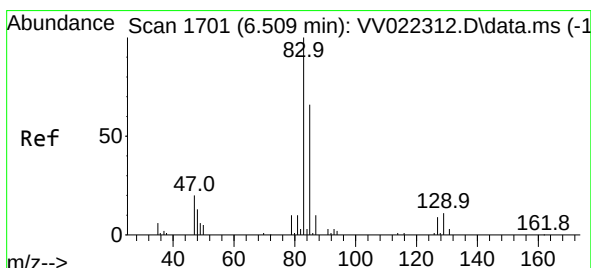
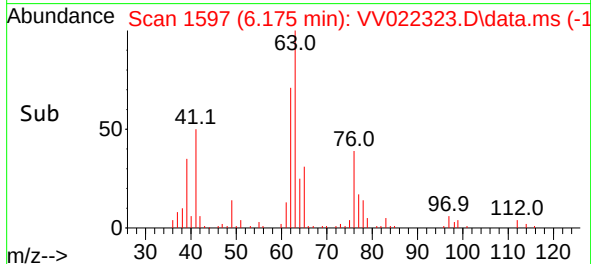
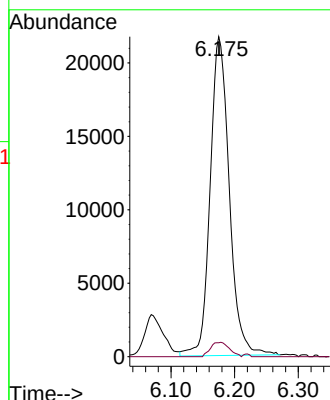
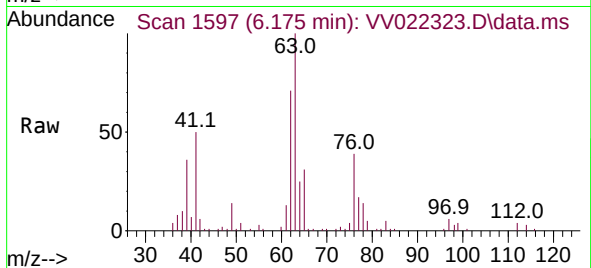


#37

1,2-Dichloropropane
Concen: 5.237 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Instrument :
MSVOA_V
ClientSampled :

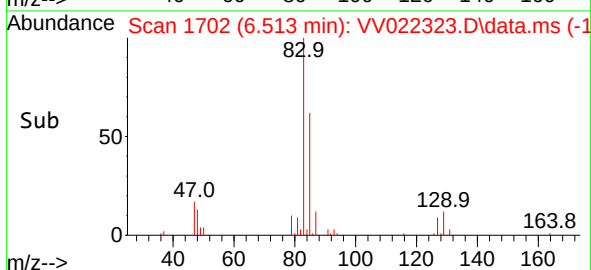
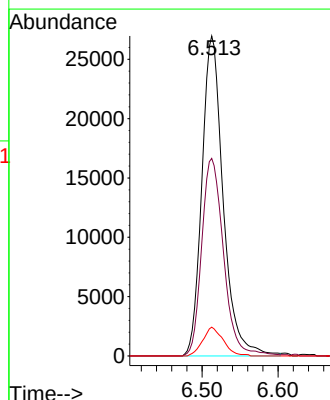
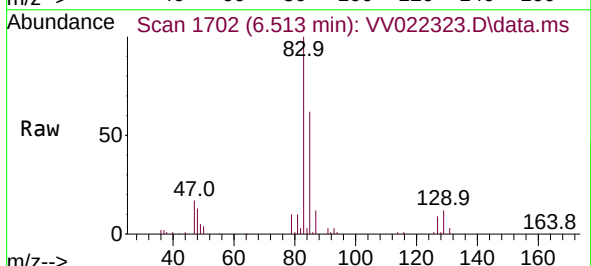
Tgt Ion: 63 Resp: 45358
Ion Ratio Lower Upper
63 100
112 4.4 4.2 6.2

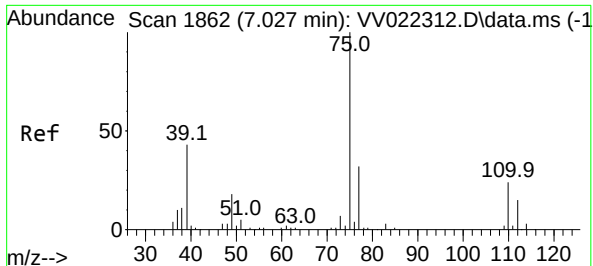


#38

Bromodichloromethane
Concen: 5.033 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 83 Resp: 52515
Ion Ratio Lower Upper
83 100
85 61.7 45.4 84.4
127 9.0 7.0 10.4

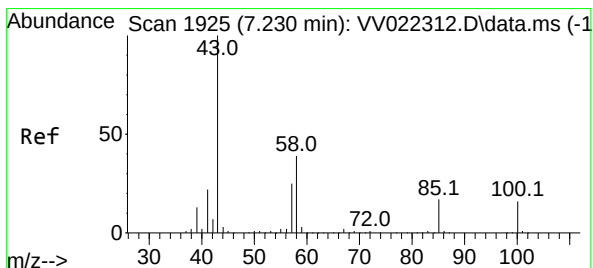
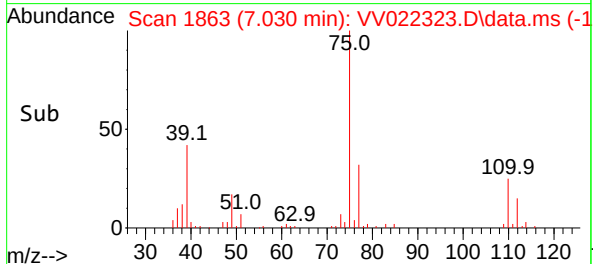
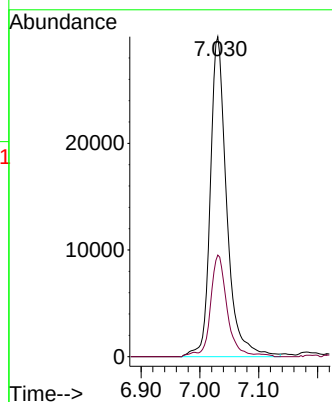
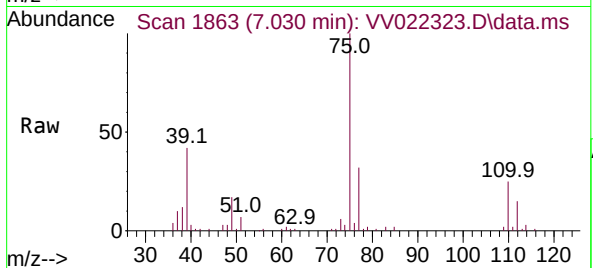




#39
cis-1,3-Dichloropropene
Concen: 5.082 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

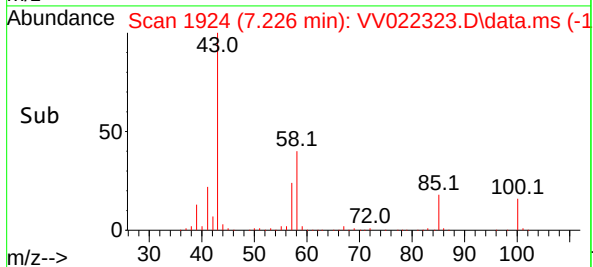
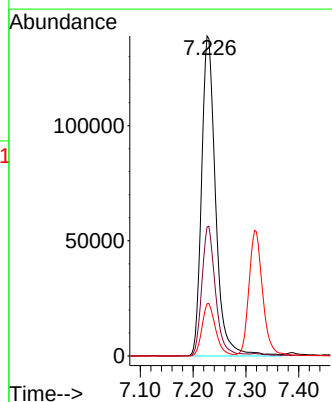
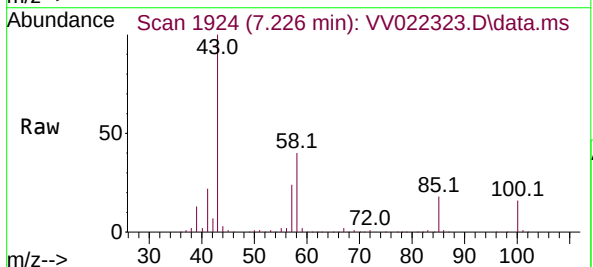
Instrument :
MSVOA_V
ClientSampled :

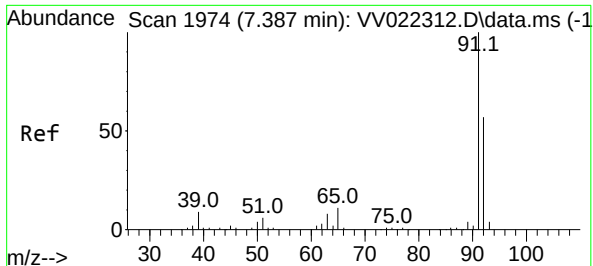
Tgt Ion: 75 Resp: 58206
Ion Ratio Lower Upper
75 100
77 31.7 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 45.973 ug/L
RT: 7.226 min Scan# 1924
Delta R.T. -0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 43 Resp: 256591
Ion Ratio Lower Upper
43 100
58 39.7 31.7 47.5
100 15.8 12.2 18.4

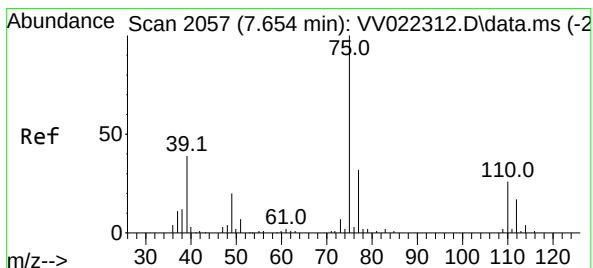
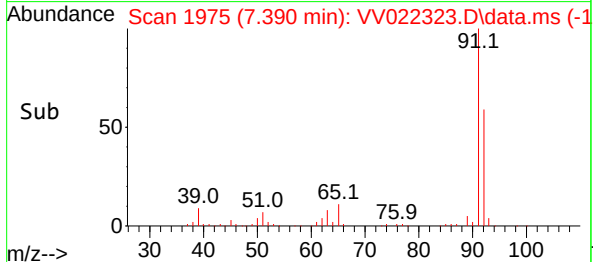
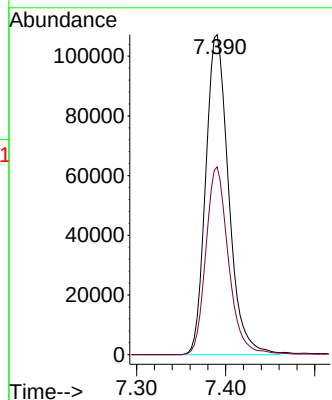
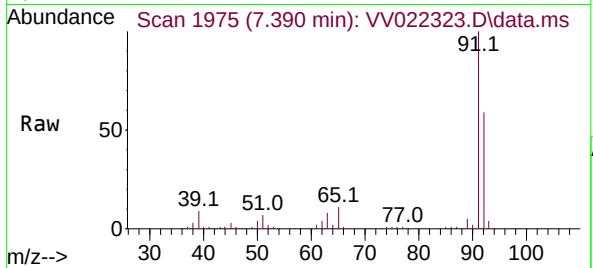




#42
Toluene
Concen: 5.266 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

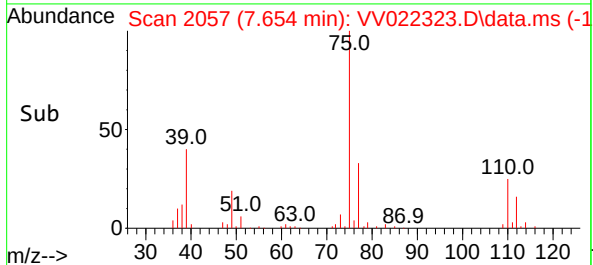
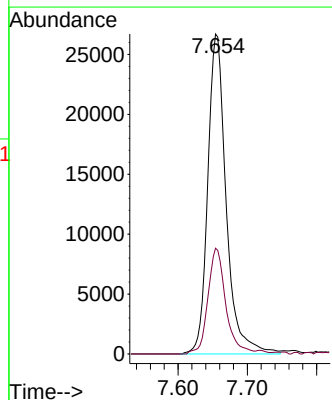
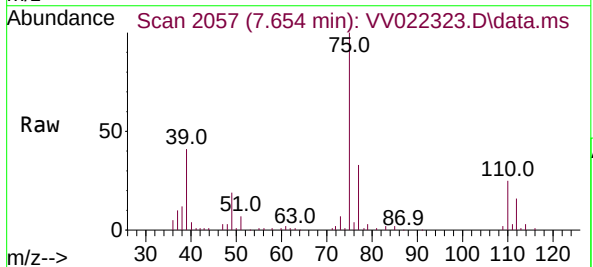
Instrument :
MSVOA_V
ClientSampled :

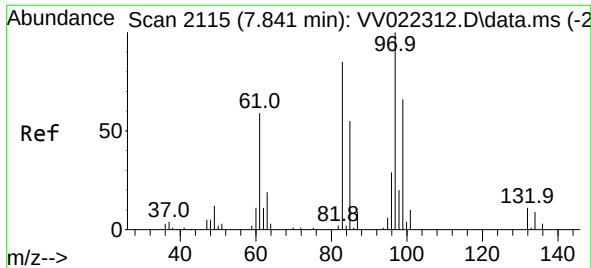
Tgt Ion: 91 Resp: 191382
Ion Ratio Lower Upper
91 100
92 58.6 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.027 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 75 Resp: 49216
Ion Ratio Lower Upper
75 100
77 33.0 22.8 42.4

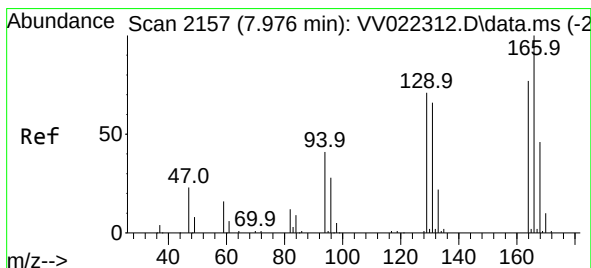
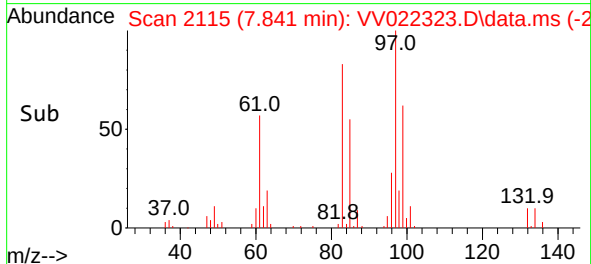
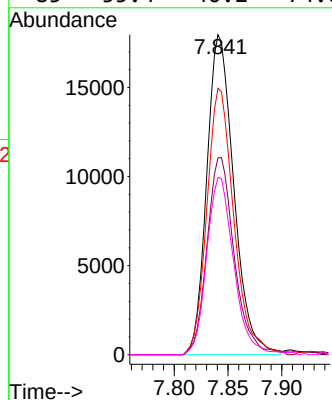
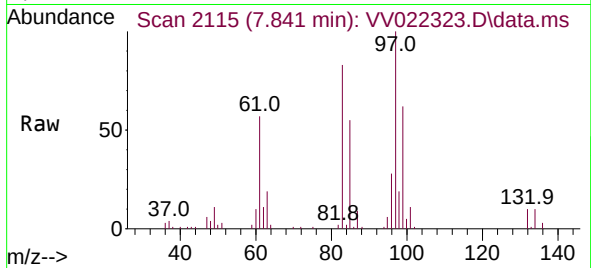




#45
1,1,2-Trichloroethane
Concen: 4.798 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

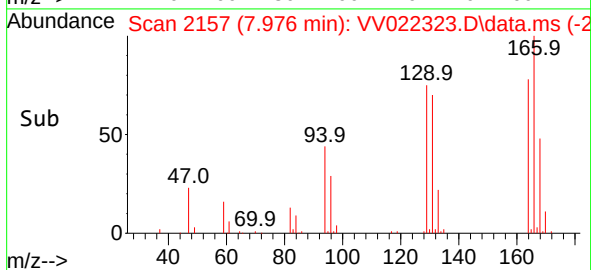
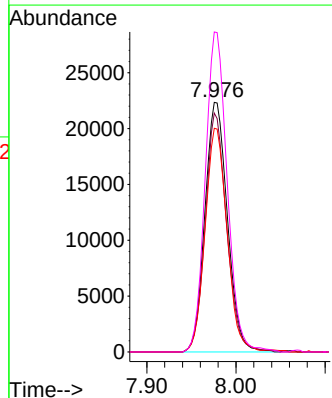
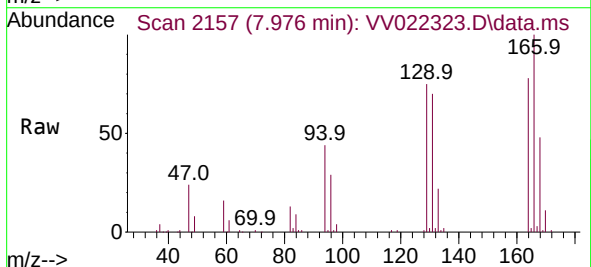
Instrument :
MSVOA_V
ClientSampled :

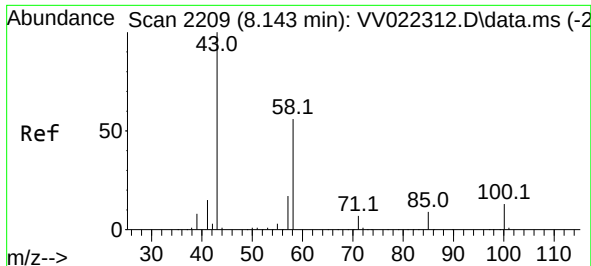
Tgt Ion:	97	Resp:	31416
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.6	79.2
83	83.2	58.9	109.5
85	55.4	40.2	74.6



#47
Tetrachloroethene
Concen: 5.300 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion:	164	Resp:	39180
Ion	Ratio	Lower	Upper
164	100		
129	95.7	61.9	115.1
131	89.6	61.0	113.4
166	128.2	86.4	160.4

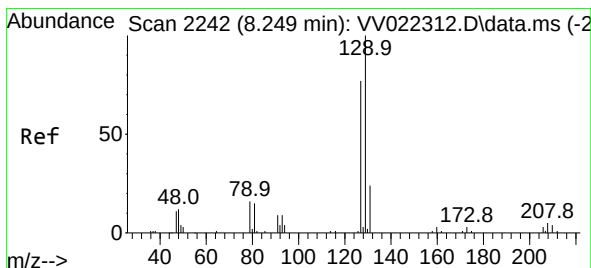
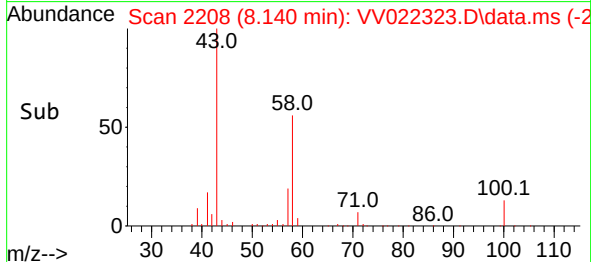
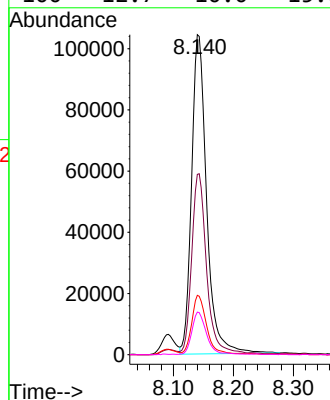
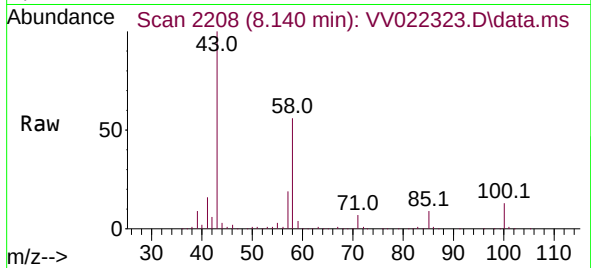




#48
2-Hexanone
Concen: 46.439 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

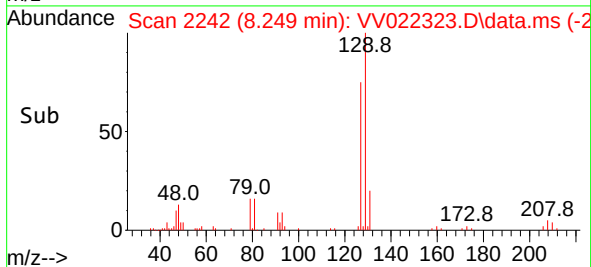
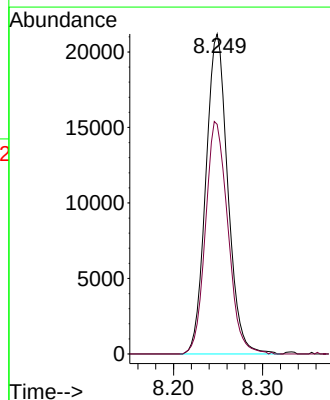
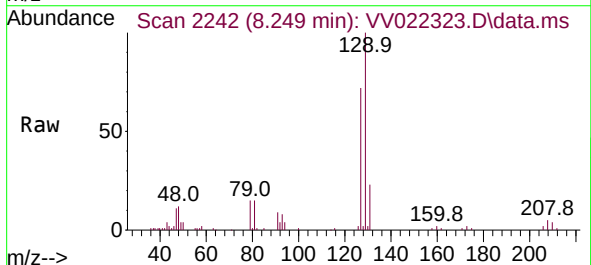
Instrument :
MSVOA_V
ClientSampled :

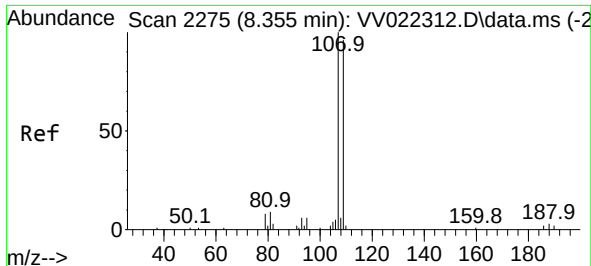
Tgt Ion: 43 Resp: 182123
Ion Ratio Lower Upper
43 100
58 54.9 44.1 66.1
57 17.6 14.2 21.4
100 12.7 10.0 15.0



#49
Dibromochloromethane
Concen: 5.142 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 129 Resp: 36209
Ion Ratio Lower Upper
129 100
127 71.8 54.5 101.3





#50

1,2-Dibromoethane

Concen: 4.811 ug/L

RT: 8.355 min Scan# 2275

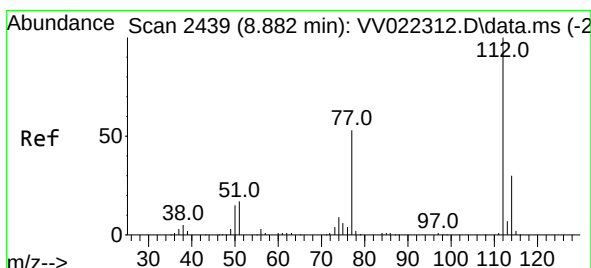
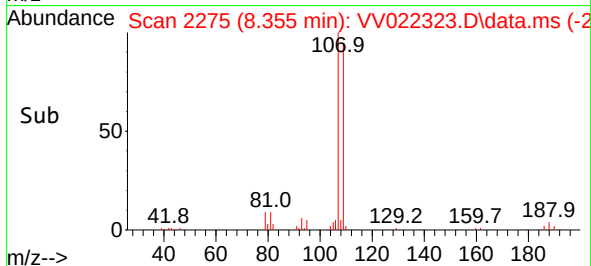
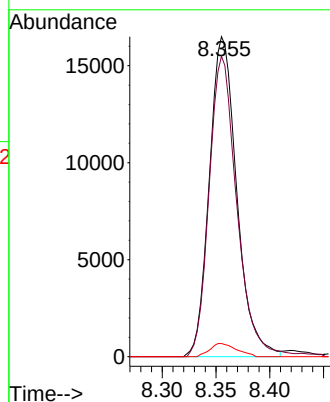
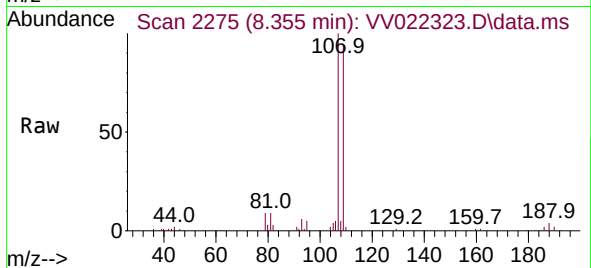
Delta R.T. -0.000 min

Lab File: VV022323.D

Acq: 24 Sep 2021 17:51

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	107	Resp:	29288
Ion	Ratio	Lower	Upper
107	100		
109	93.9	62.8	116.6
188	4.1	2.8	4.2



#51

Chlorobenzene

Concen: 5.086 ug/L

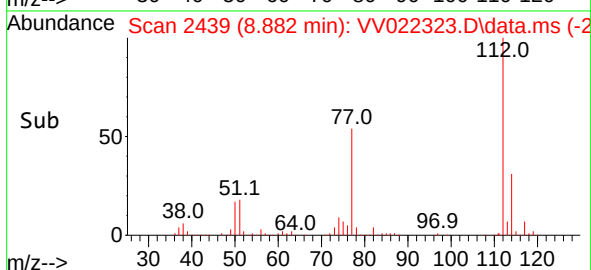
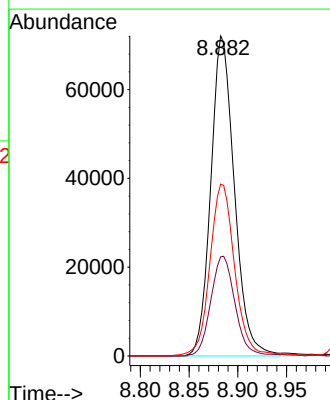
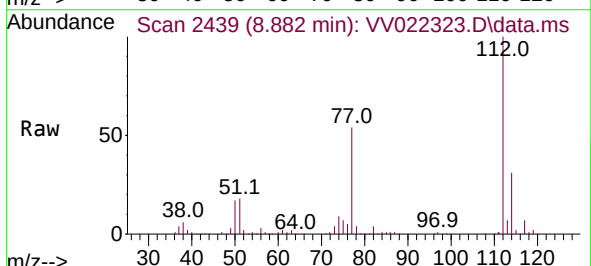
RT: 8.882 min Scan# 2439

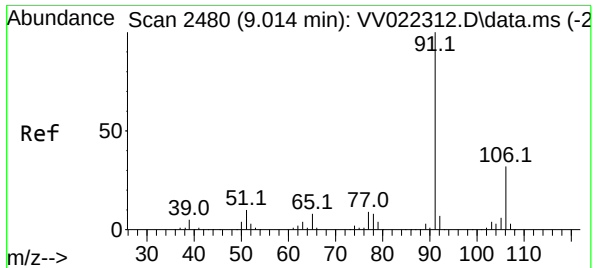
Delta R.T. -0.000 min

Lab File: VV022323.D

Acq: 24 Sep 2021 17:51

Tgt Ion:	112	Resp:	121402
Ion	Ratio	Lower	Upper
112	100		
114	31.0	23.4	43.4
77	53.7	45.2	67.8

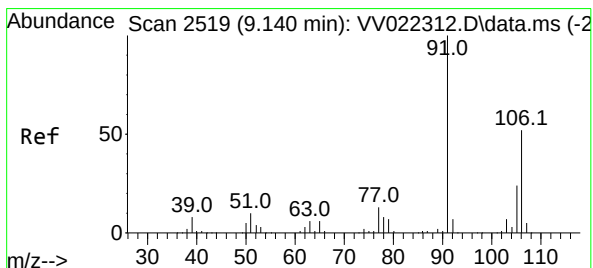
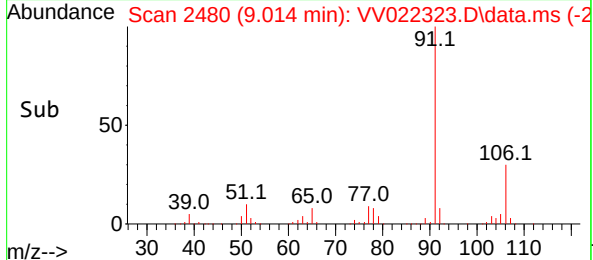
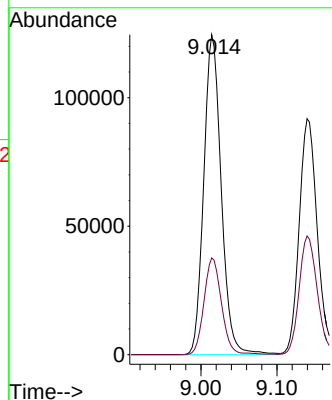
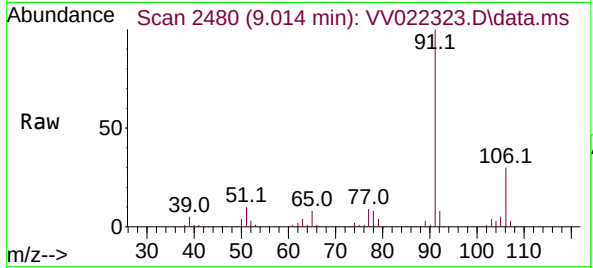




#52
Ethylbenzene
Concen: 5.253 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

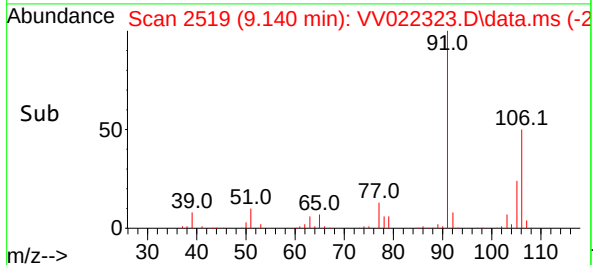
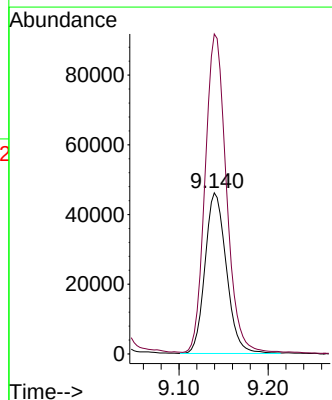
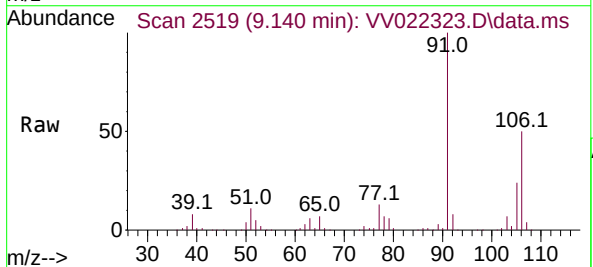
Instrument :
MSVOA_V
ClientSampled :

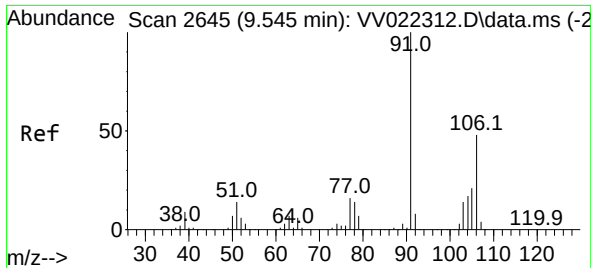
Tgt Ion: 91 Resp: 198576
Ion Ratio Lower Upper
91 100
106 30.3 22.0 40.8



#53
m,p-xylene
Concen: 5.246 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 106 Resp: 76584
Ion Ratio Lower Upper
106 100
91 198.6 142.7 264.9

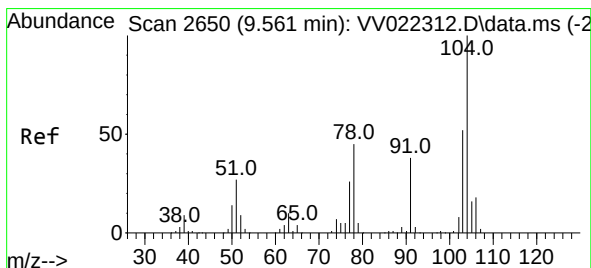
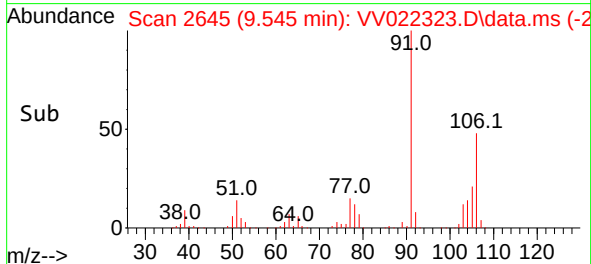
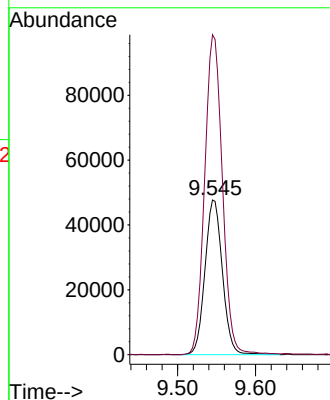
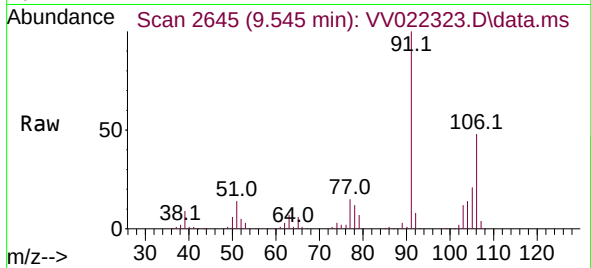




#54
o-xylene
Concen: 5.214 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

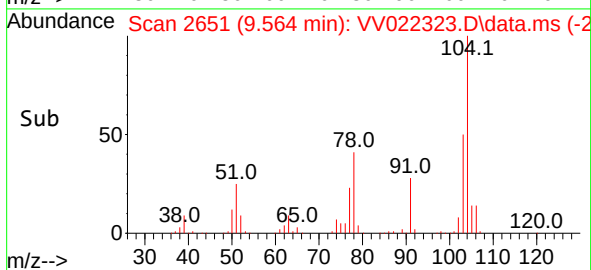
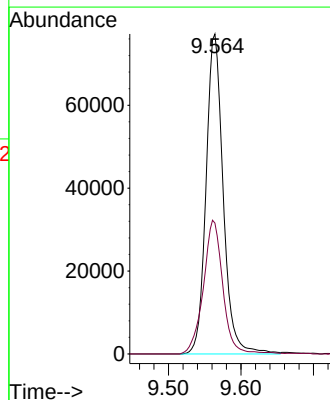
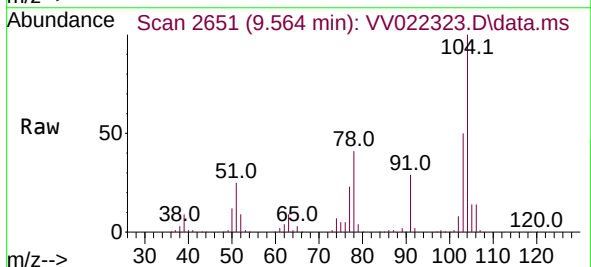
Instrument :
MSVOA_V
ClientSampled :

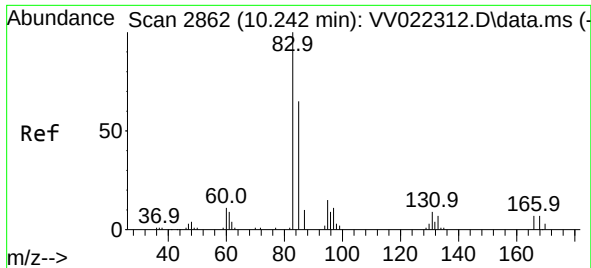
Tgt Ion:106 Resp: 74172
Ion Ratio Lower Upper
106 100
91 206.9 144.7 268.7



#55
Styrene
Concen: 5.375 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion:104 Resp: 126870
Ion Ratio Lower Upper
104 100
78 40.9 29.1 54.1

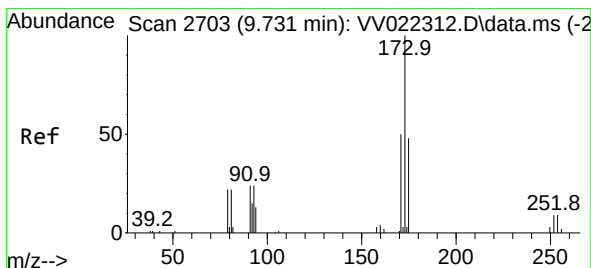
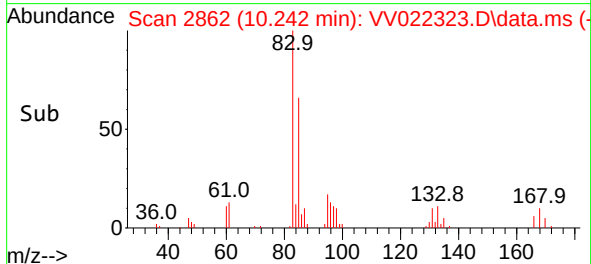
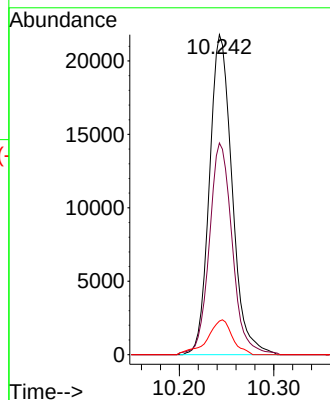
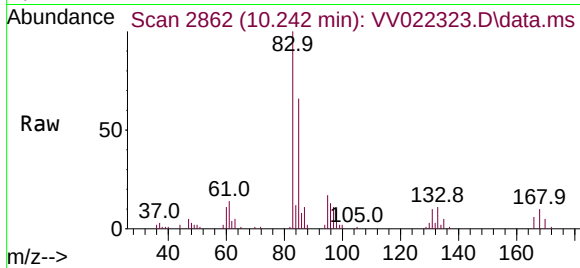




#57
1,1,2,2-Tetrachloroethane
Concen: 4.458 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

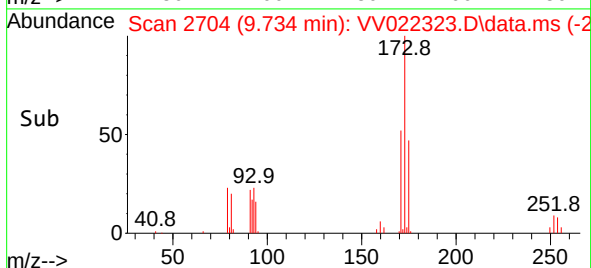
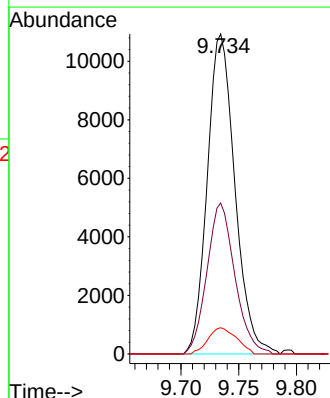
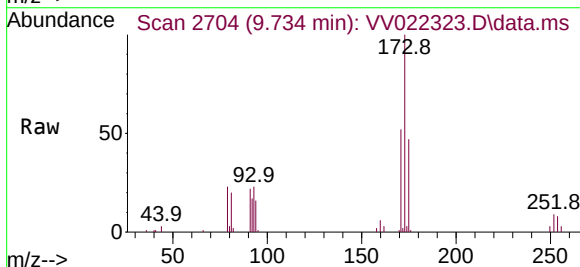
Instrument :
MSVOA_V
ClientSampleId :

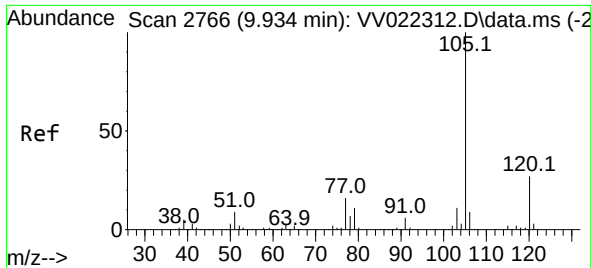
Tgt Ion:	83	Resp:	36252
Ion	Ratio	Lower	Upper
83	100		
85	66.1	45.3	84.1
131	10.5	8.9	13.3



#59
Bromoform
Concen: 4.766 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion:	173	Resp:	18166
Ion	Ratio	Lower	Upper
173	100		
175	47.7	40.9	61.3
254	8.5	7.4	11.2

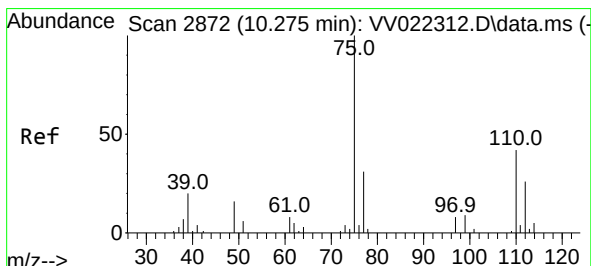
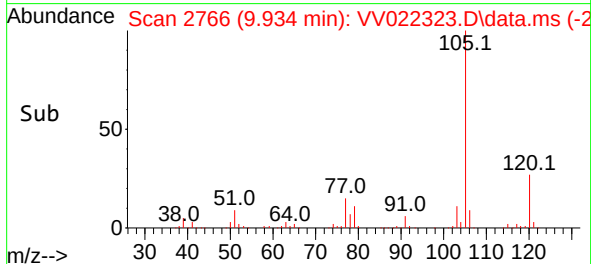
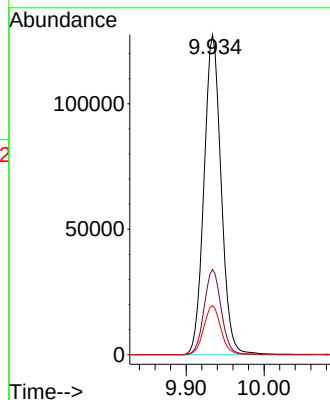
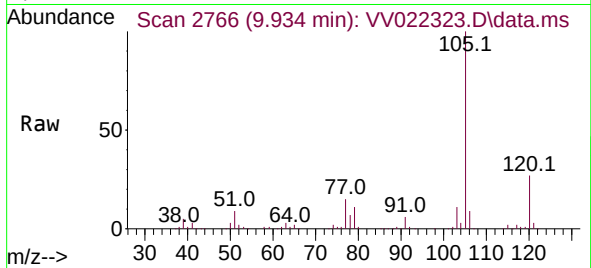




#60
Isopropylbenzene
Concen: 5.112 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

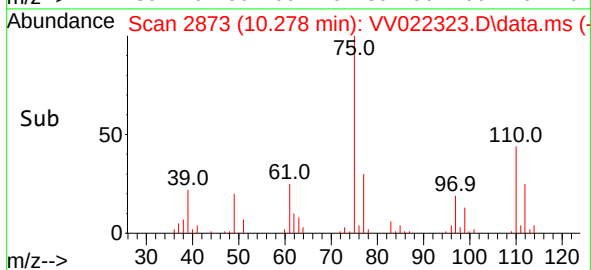
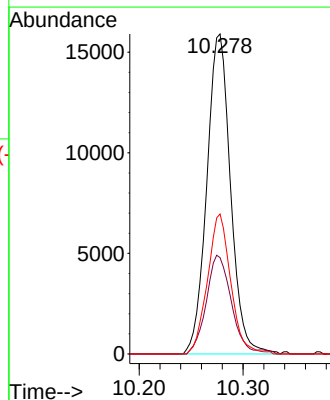
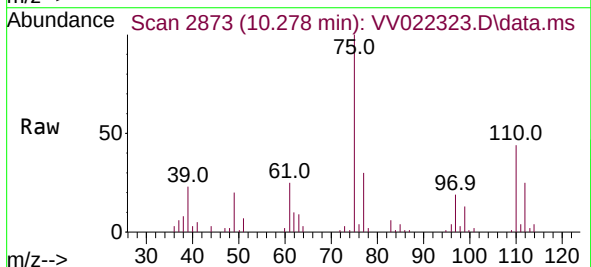
Instrument :
MSVOA_V
ClientSampled :

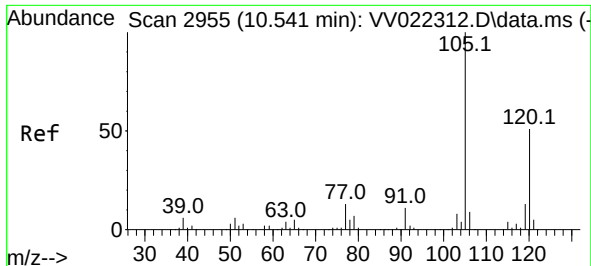
Tgt Ion:105 Resp: 194626
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.259 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion: 75 Resp: 25239
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
110 42.8 31.7 47.5

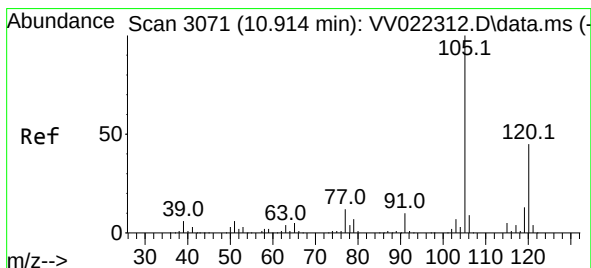
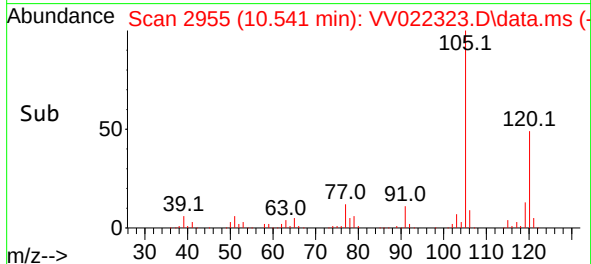
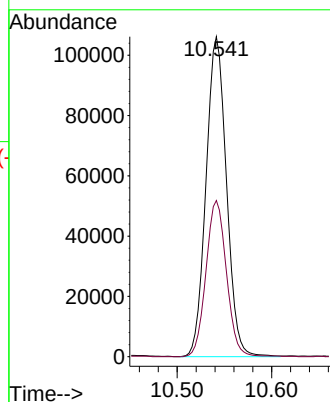
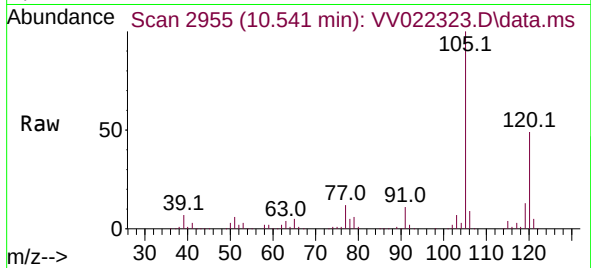




#62
1,3,5-Trimethylbenzene
Concen: 5.136 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

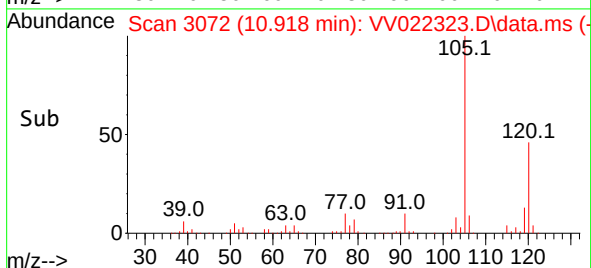
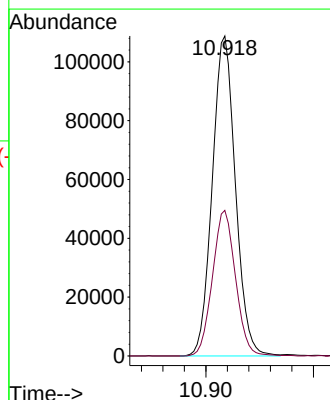
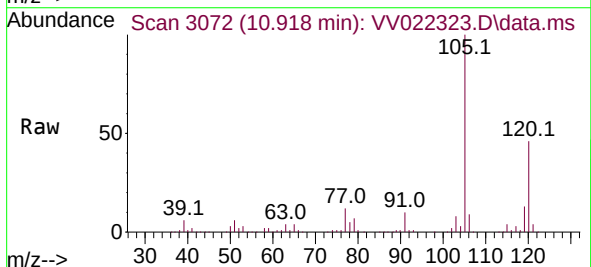
Instrument :
MSVOA_V
ClientSampled :

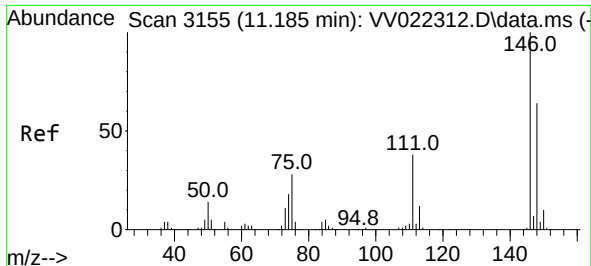
Tgt Ion:105 Resp: 159688
Ion Ratio Lower Upper
105 100
120 48.9 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.245 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion:105 Resp: 162544
Ion Ratio Lower Upper
105 100
120 45.3 37.0 55.6

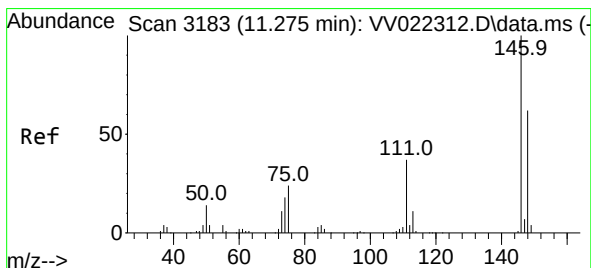
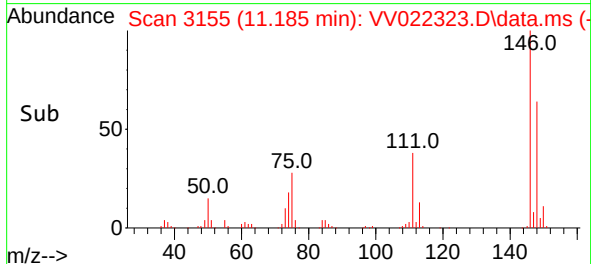
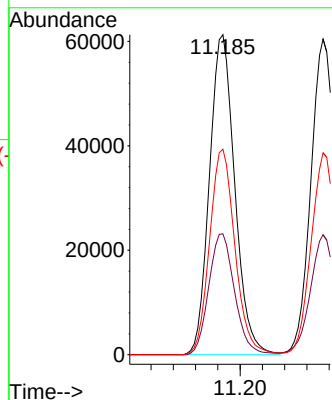
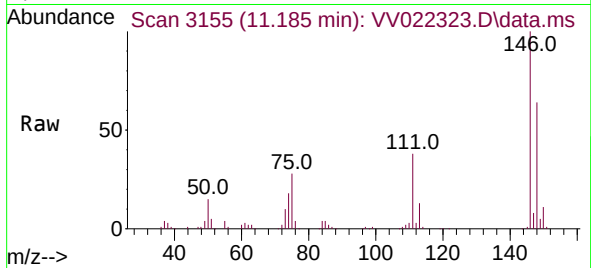




#64
1,3-Dichlorobenzene
Concen: 5.162 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

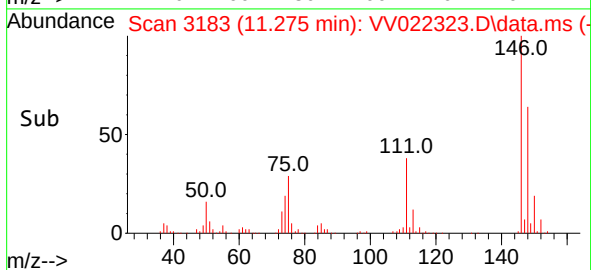
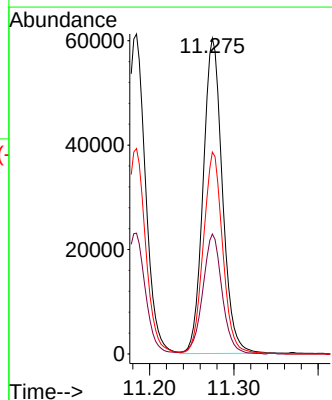
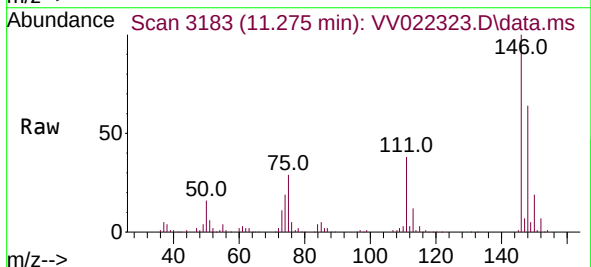
Instrument :
MSVOA_V
ClientSampleId :

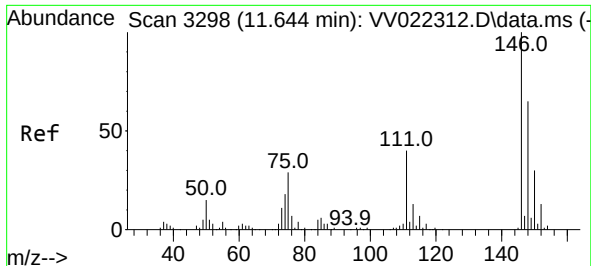
Tgt Ion:146 Resp: 96729
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.5
148 64.2 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.058 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion:146 Resp: 96054
Ion Ratio Lower Upper
146 100
111 38.0 25.5 47.3
148 64.0 42.6 79.0

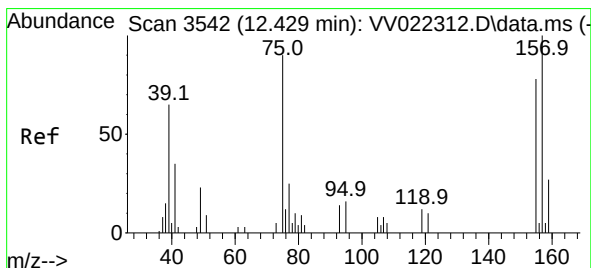
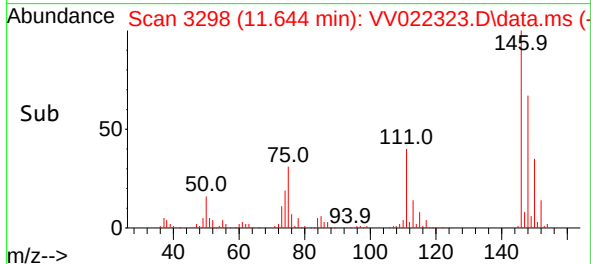
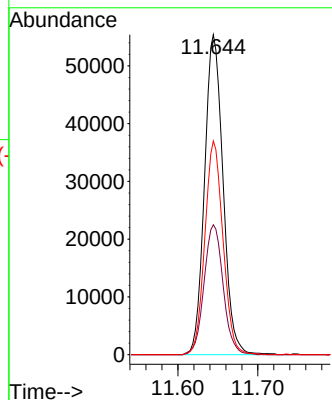
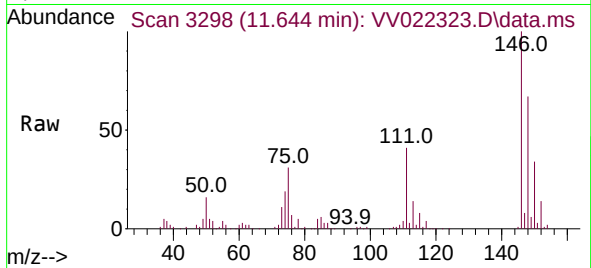




#67
1,2-Dichlorobenzene
Concen: 4.997 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

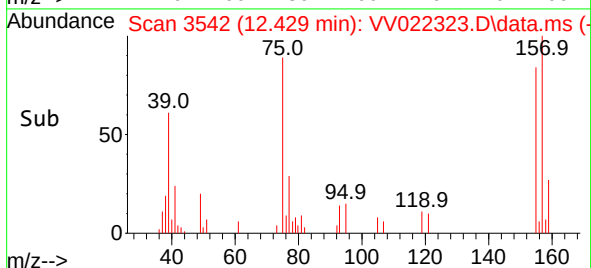
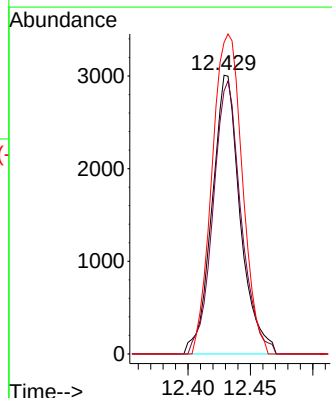
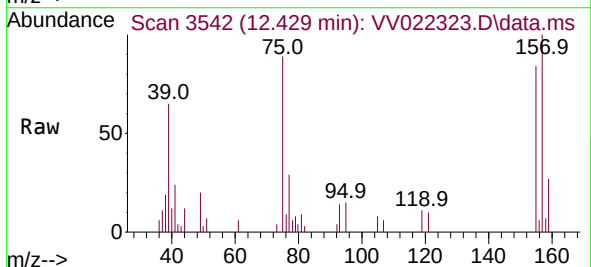
Instrument :
MSVOA_V
ClientSampled :

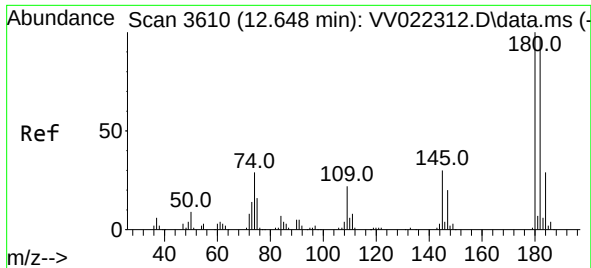
Tgt Ion:146 Resp: 89257
Ion Ratio Lower Upper
146 100
111 40.6 30.8 46.2
148 66.8 49.1 73.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.025 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

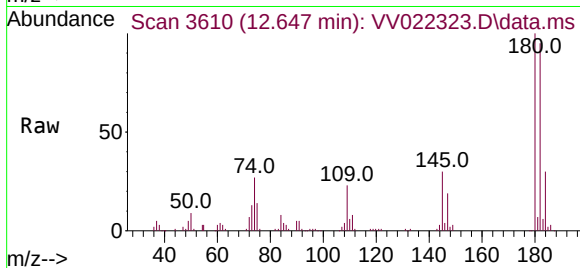
Tgt Ion: 75 Resp: 4742
Ion Ratio Lower Upper
75 100
155 94.4 75.6 113.4
157 111.8 92.6 139.0



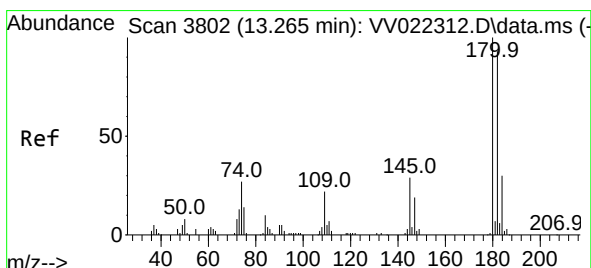
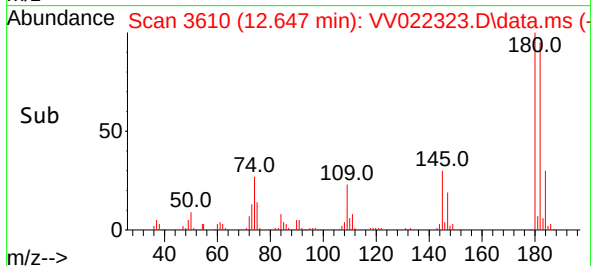
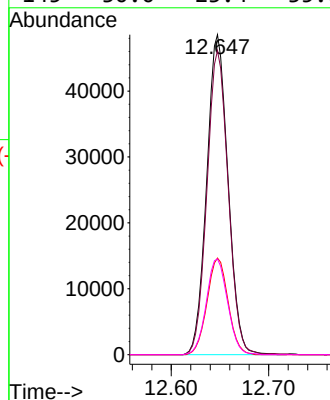


#69
 1,3,5-Trichlorobenzene
 Concen: 5.191 ug/L
 RT: 12.647 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV022323.D
 Acq: 24 Sep 2021 17:51

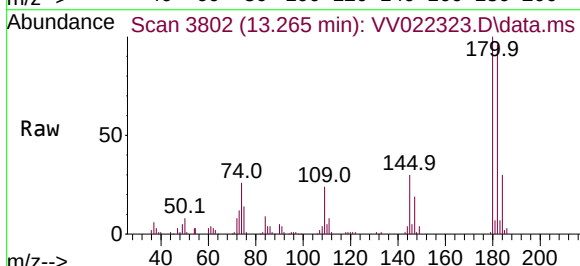
Instrument :
 MSVOA_V
 ClientSampleId :



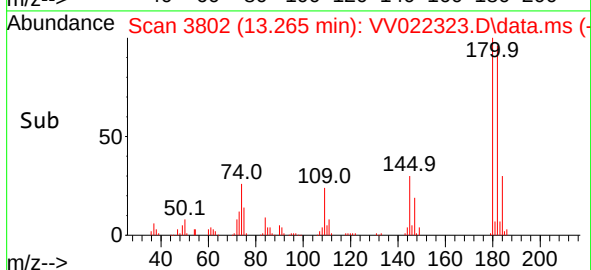
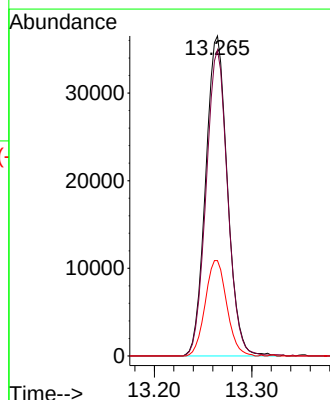
Tgt Ion:180	Resp:	73785
Ion Ratio	Lower	Upper
180	100	
182	94.4	74.6 112.0
184	29.9	24.0 36.0
145	30.0	23.4 35.0

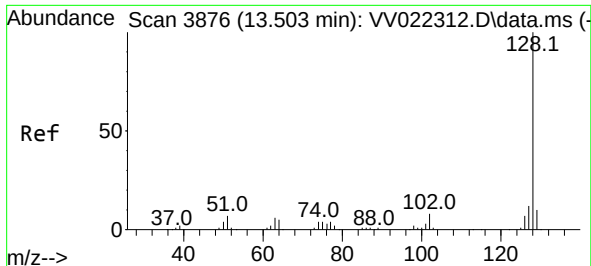


#70
 1,2,4-trichlorobenzene
 Concen: 5.008 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. -0.000 min
 Lab File: VV022323.D
 Acq: 24 Sep 2021 17:51



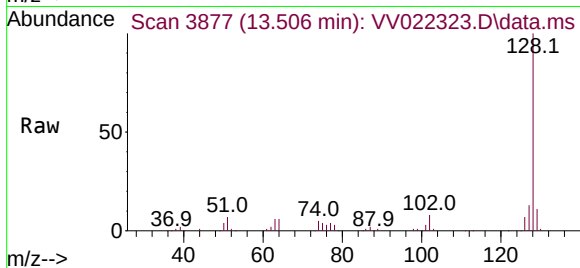
Tgt Ion:180	Resp:	56711
Ion Ratio	Lower	Upper
180	100	
182	94.4	73.1 109.7
145	29.5	23.6 35.4



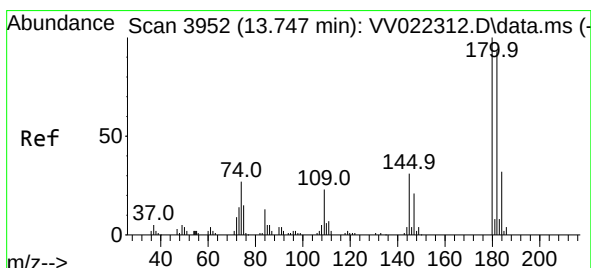
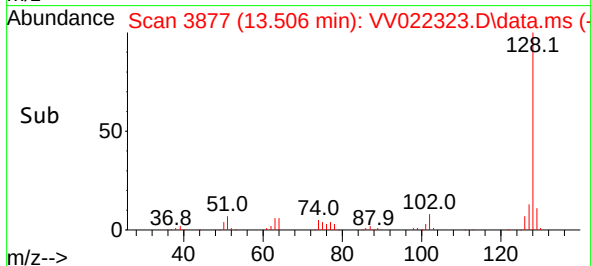
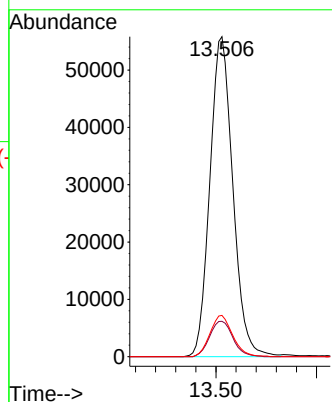


#71
Naphthalene
Concen: 4.299 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:128 Resp: 88467
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.7 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 4.984 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. -0.000 min
Lab File: VV022323.D
Acq: 24 Sep 2021 17:51

Tgt Ion:180 Resp: 52741
Ion Ratio Lower Upper
180 100
182 95.2 76.9 115.3
145 31.8 26.0 39.0

