

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092421\
 Data File : VV022312.D
 Acq On : 24 Sep 2021 09:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 25 04:26:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 05:07:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	123065	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	121274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	63816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	29705	4.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.564	69	36976	5.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.105	63	76255	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	3.912	46	120342	47.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.980%
24) Chloroform-d	4.349	84	93880	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.034	65	43637	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.050	84	181807	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	6.069	67	57080	5.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.317	98	161842	5.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.625	79	15881	4.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.091	63	101712	50.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44140	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	60606	5.060	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	53813	5.616	ug/L	96
3) Chloromethane	1.236	50	50757	5.301	ug/L	99
5) Vinyl chloride	1.307	62	49164	5.338	ug/L	96
6) Bromomethane	1.519	94	32279	5.467	ug/L	98
8) Chloroethane	1.580	64	30929	5.332	ug/L	94
9) Trichlorofluoromethane	1.748	101	70343	5.522	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	42473	5.595	ug/L	98
12) 1,1-Dichloroethene	2.114	96	39604	5.727	ug/L	83
13) Acetone	2.207	43	69531	48.394	ug/L	80
14) Carbon disulfide	2.288	76	125319	5.329	ug/L	99
15) Methyl Acetate	2.445	43	16207	5.083	ug/L	93
16) Methylene chloride	2.503	84	48503	4.031	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	96248	5.233	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	45171	5.467	ug/L	98
19) 1,1-Dichloroethane	3.188	63	79589	5.460	ug/L	97
21) 2-Butanone	3.998	43	102178	47.010	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	46199	5.626	ug/L	99
23) Bromochloromethane	4.249	128	21138	5.453	ug/L	97
25) Chloroform	4.375	83	80322	5.393	ug/L	97

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Quant Time: Sep 25 04:26:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 05:07:58 2021
 Response via : Initial Calibration

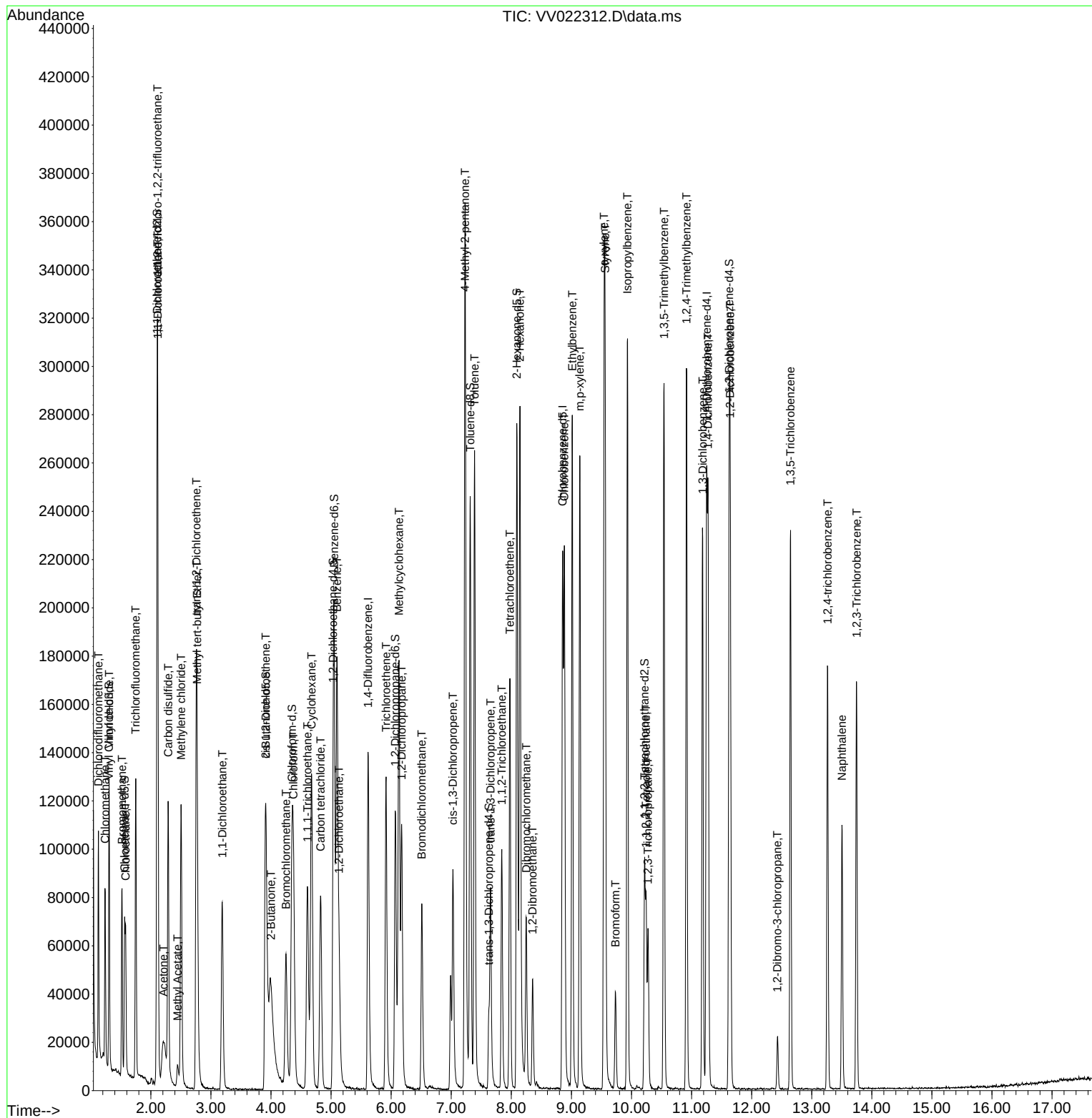
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	46066	5.296	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	69460	5.500	ug/L	98
30) Cyclohexane	4.674	56	68518	5.434	ug/L	99
31) Carbon tetrachloride	4.825	117	60135	5.605	ug/L	100
33) Benzene	5.098	78	178704	5.602	ug/L	100
34) Trichloroethene	5.915	95	45659	5.633	ug/L	98
35) Methylcyclohexane	6.130	83	71312	5.509	ug/L	100
37) 1,2-Dichloropropane	6.175	63	44164	5.484	ug/L	100
38) Bromodichloromethane	6.509	83	51131	5.269	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	56989	5.351	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	262461	50.568	ug/L	99
42) Toluene	7.387	91	194487	5.755	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	48661	5.345	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	30727	5.046	ug/L	97
47) Tetrachloroethene	7.976	164	39061	5.682	ug/L	96
48) 2-Hexanone	8.143	43	191930	52.626	ug/L	100
49) Dibromochloromethane	8.249	129	34785	5.312	ug/L	99
50) 1,2-Dibromoethane	8.355	107	29544	5.218	ug/L	94
51) Chlorobenzene	8.882	112	121786	5.486	ug/L	95
52) Ethylbenzene	9.014	91	189168	5.381	ug/L	99
53) m,p-xylene	9.140	106	76261	5.617	ug/L	93
54) o-xylene	9.545	106	71216	5.383	ug/L	98
55) Styrene	9.561	104	122727	5.591	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.242	83	36985	4.891	ug/L	98
59) Bromoform	9.731	173	18165	5.102	ug/L	98
60) Isopropylbenzene	9.934	105	193100	5.430	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26390	4.768	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	152791	5.261	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	158450	5.474	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	94842	5.419	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	94917	5.351	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	88211	5.287	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	5093	4.628	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	70125	5.282	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	53977	5.103	ug/L	98
71) Naphthalene	13.503	128	85787	4.463	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	50180	5.077	ug/L	98

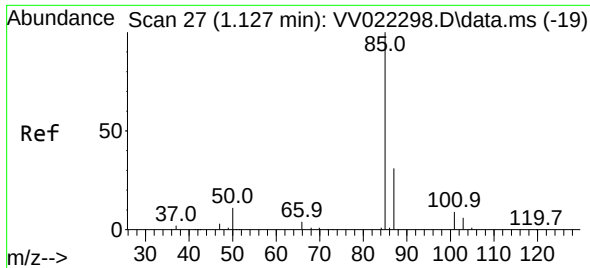
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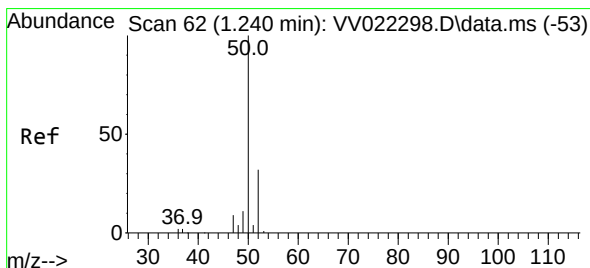
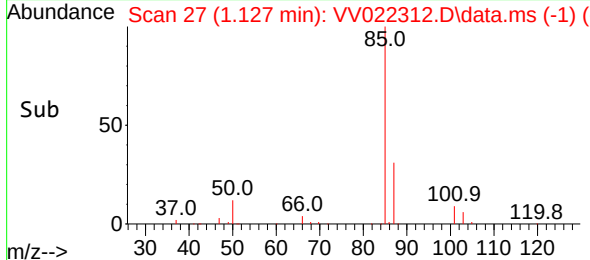
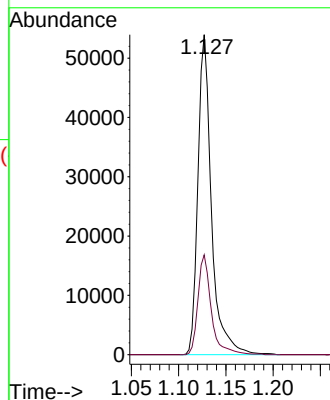
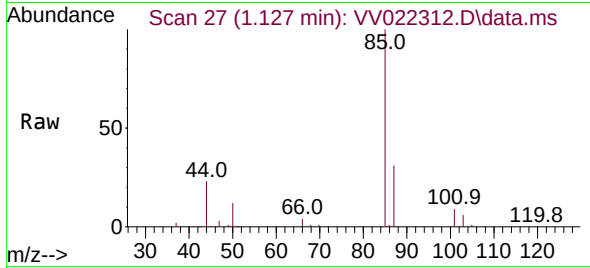




#2
 Dichlorodifluoromethane
 Concen: 5.616 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022312.D
 Acq: 24 Sep 2021 09:57

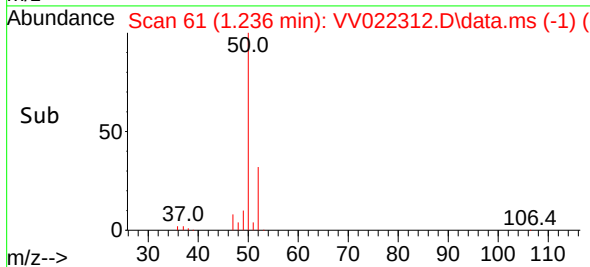
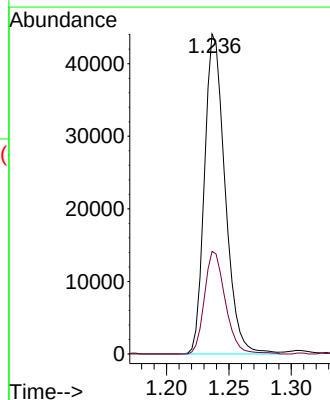
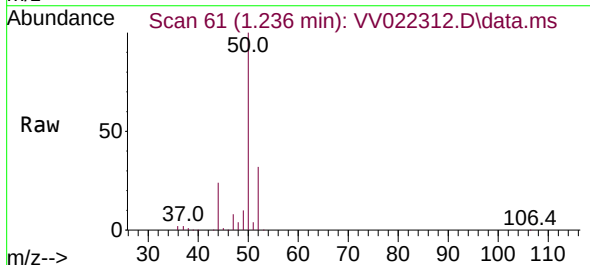
Instrument :
 MSVOA_V
 ClientSampled :

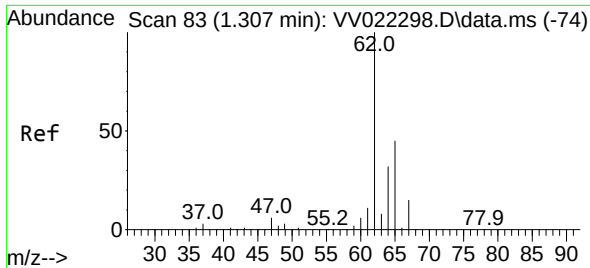
Tgt Ion: 85 Resp: 53813
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.4 39.6



#3
 Chloromethane
 Concen: 5.301 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV022312.D
 Acq: 24 Sep 2021 09:57

Tgt Ion: 50 Resp: 50757
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.2 41.2

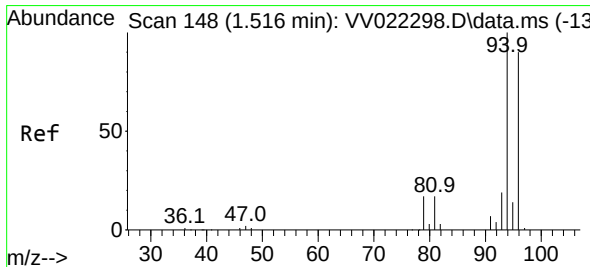
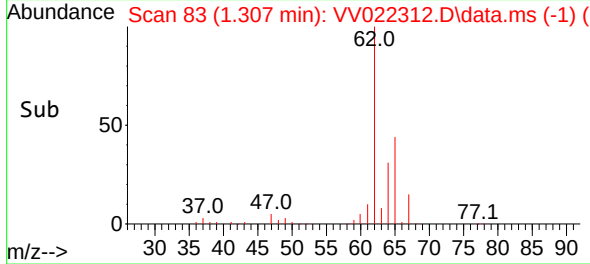
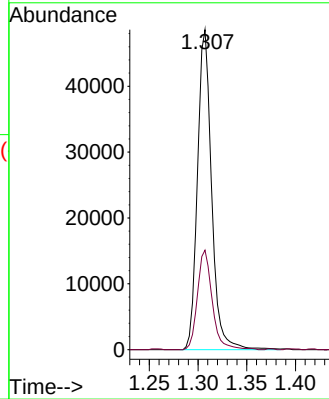
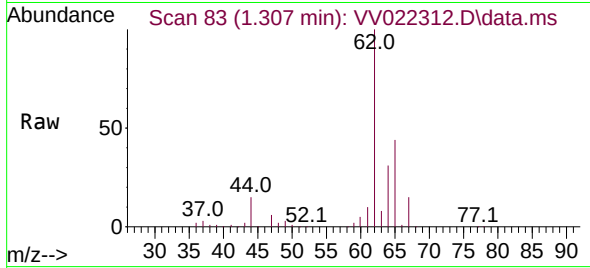




#5
 Vinyl chloride
 Concen: 5.338 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022312.D
 Acq: 24 Sep 2021 09:57

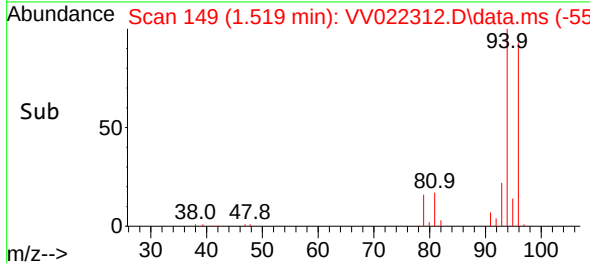
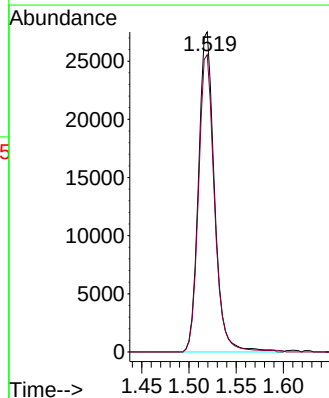
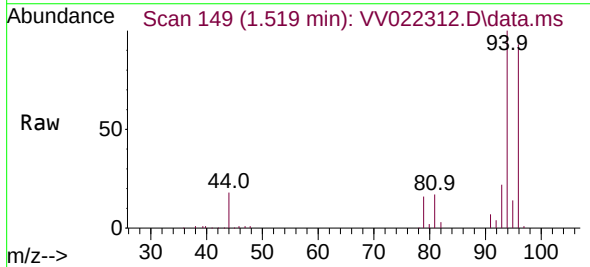
Instrument :
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 ClientSampled :

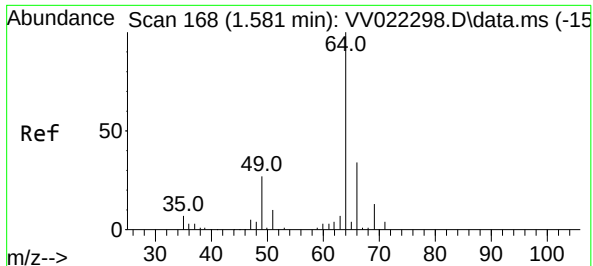
Tgt Ion: 62 Resp: 49164
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.4 43.4



#6
 Bromomethane
 Concen: 5.467 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV022312.D
 Acq: 24 Sep 2021 09:57

Tgt Ion: 94 Resp: 32279
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.6 123.8

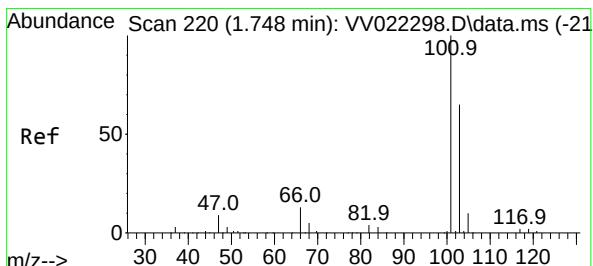
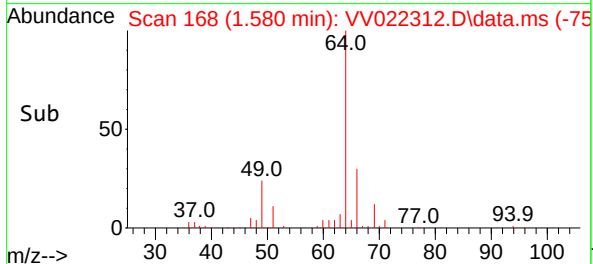
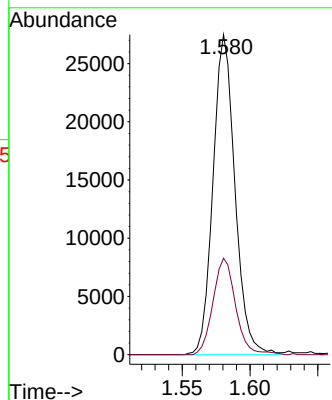
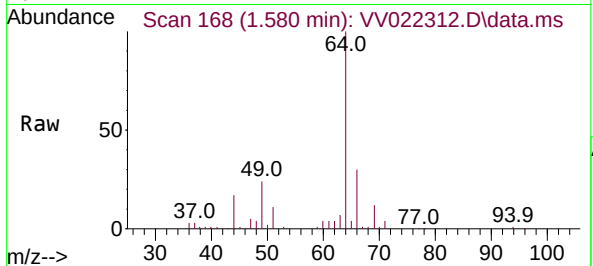




#8
Chloroethane
Concen: 5.332 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

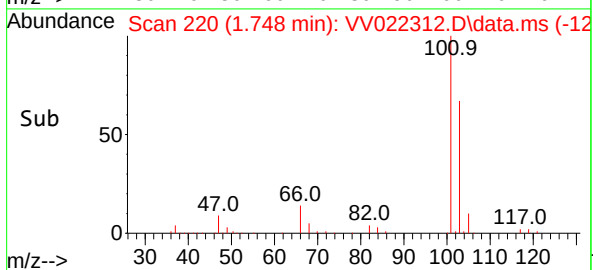
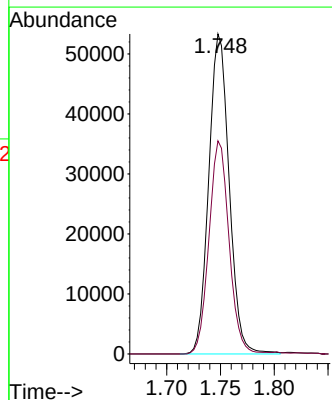
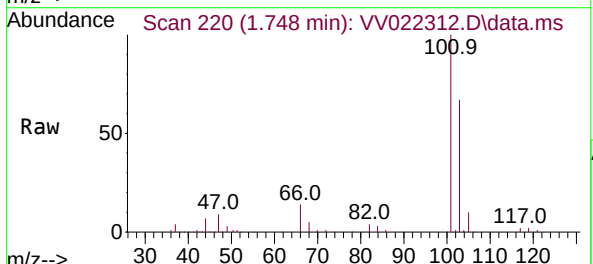
Instrument :
MSVOA_V
ClientSampleId :

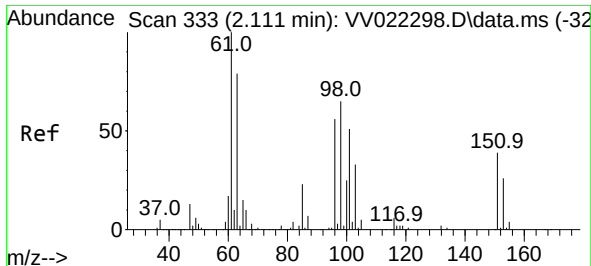
Tgt Ion: 64 Resp: 30929
Ion Ratio Lower Upper
64 100
66 30.1 23.6 43.8



#9
Trichlorofluoromethane
Concen: 5.522 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion:101 Resp: 70343
Ion Ratio Lower Upper
101 100
103 65.6 51.3 76.9

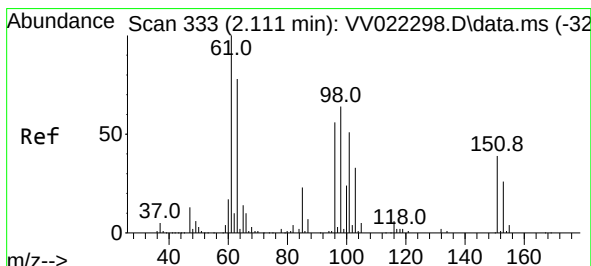
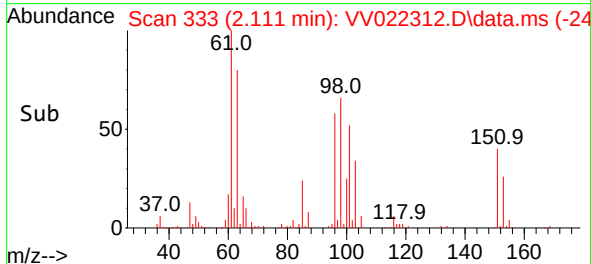
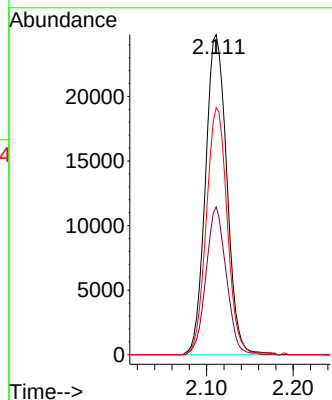
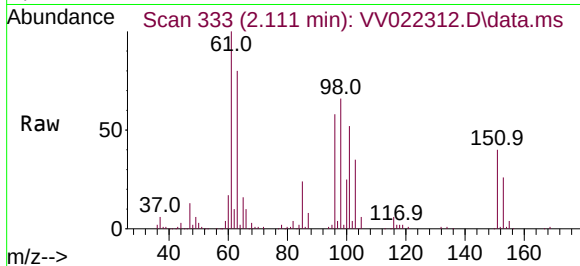




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.595 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV022312.D
 Acq: 24 Sep 2021 09:57

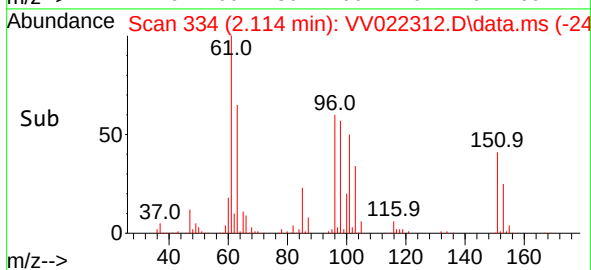
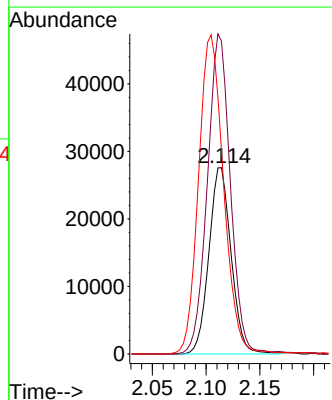
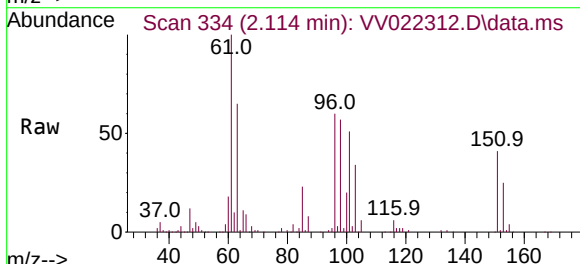
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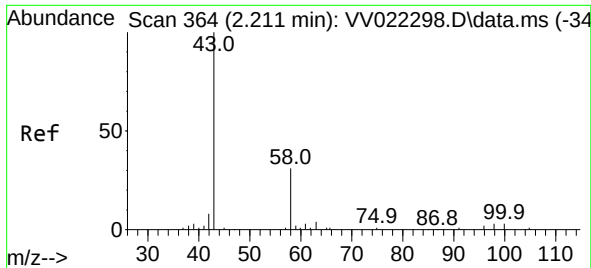
Tgt Ion:	101	Resp:	42473
Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.2	52.8
151	75.7	58.8	88.2



#12
 1,1-Dichloroethene
 Concen: 5.727 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV022312.D
 Acq: 24 Sep 2021 09:57

Tgt Ion:	96	Resp:	39604
Ion	Ratio	Lower	Upper
96	100		
61	168.1	127.4	236.6
63	109.4	100.0	185.6

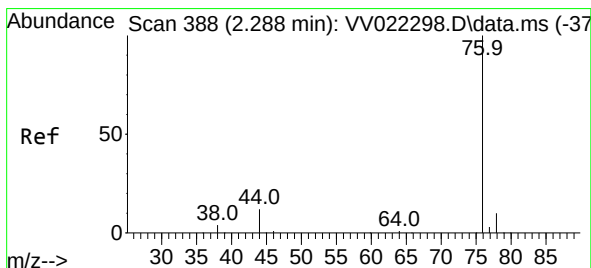
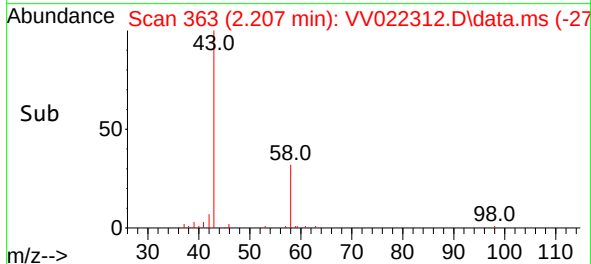
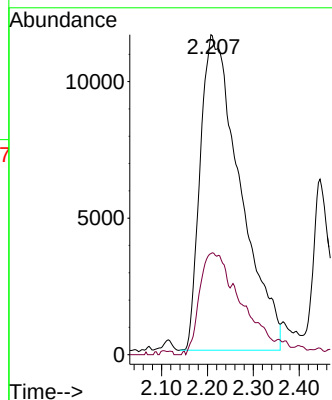
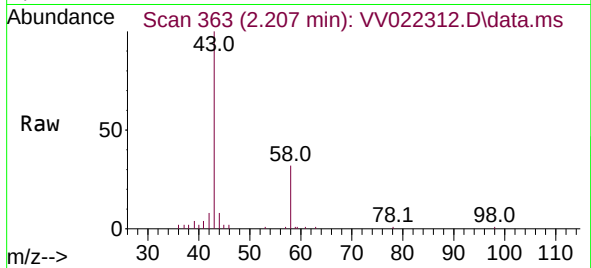




#13
Acetone
Concen: 48.394 ug/L
RT: 2.207 min Scan# 363
Delta R.T. -0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

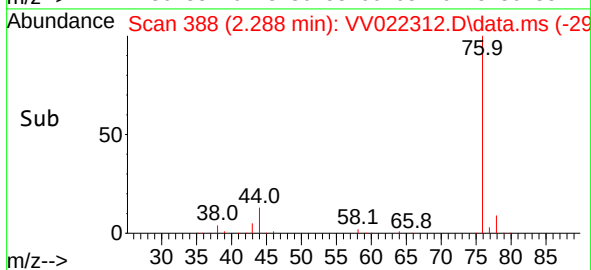
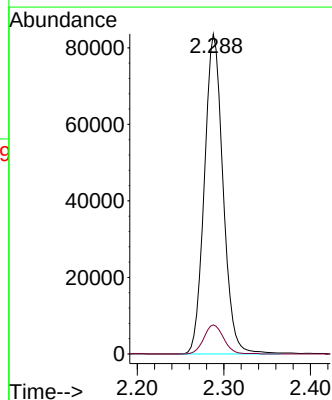
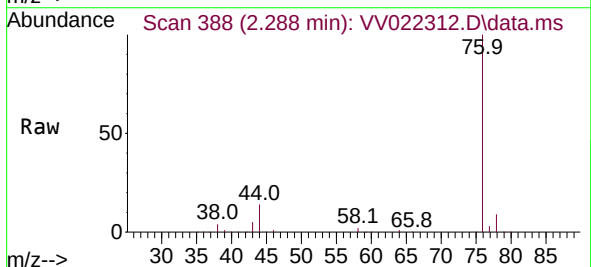
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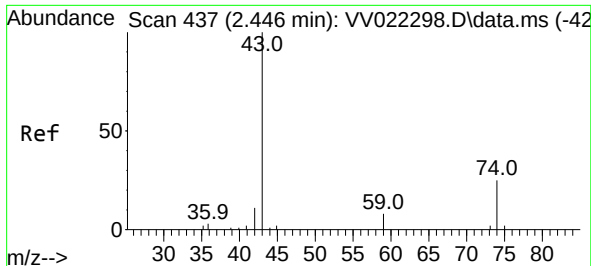
Tgt Ion: 43 Resp: 69531
Ion Ratio Lower Upper
43 100
58 21.6 0.0 66.2



#14
Carbon disulfide
Concen: 5.329 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 125319
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

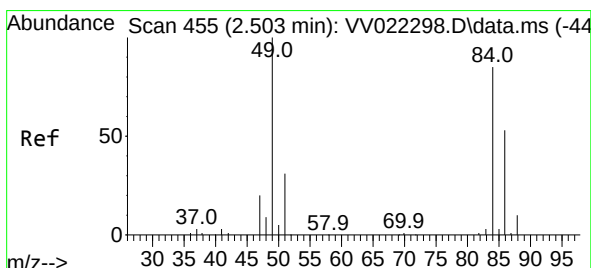
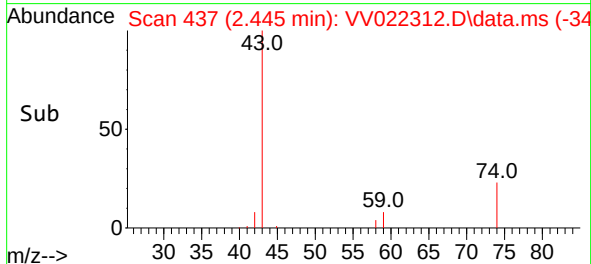
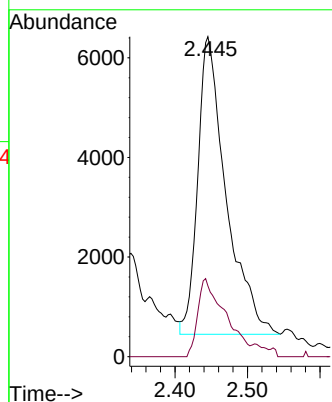
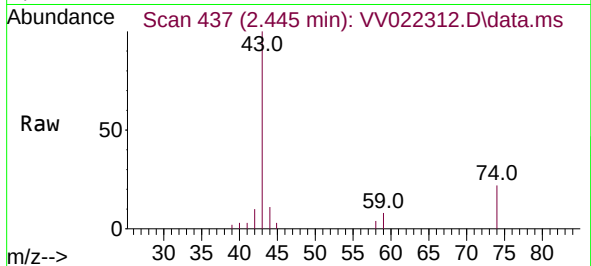




#15
Methyl Acetate
Concen: 5.083 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

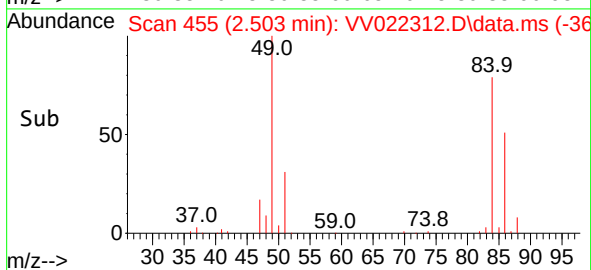
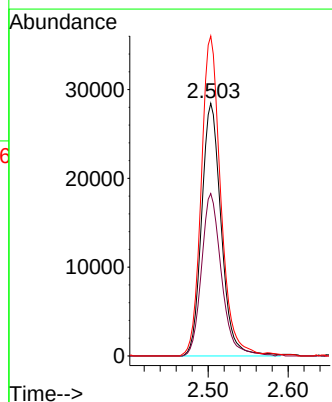
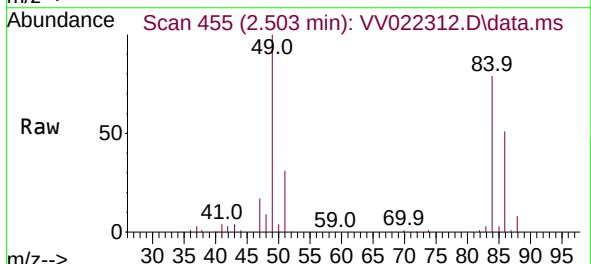
Instrument :
MSVOA_V
ClientSampled :

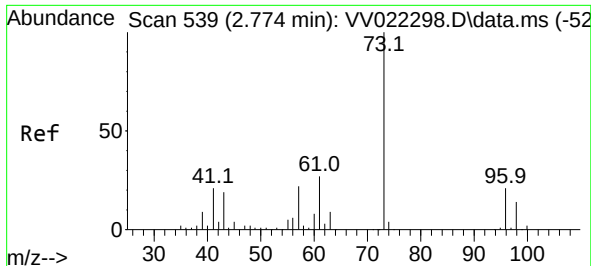
Tgt Ion: 43 Resp: 16207
Ion Ratio Lower Upper
43 100
74 25.4 17.5 26.3



#16
Methylene chloride
Concen: 4.031 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion: 84 Resp: 48503
Ion Ratio Lower Upper
84 100
86 64.3 47.1 87.5
49 126.7 86.9 161.5

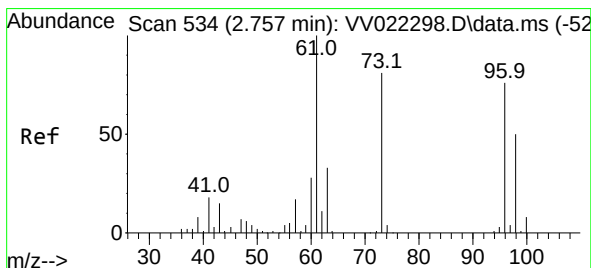
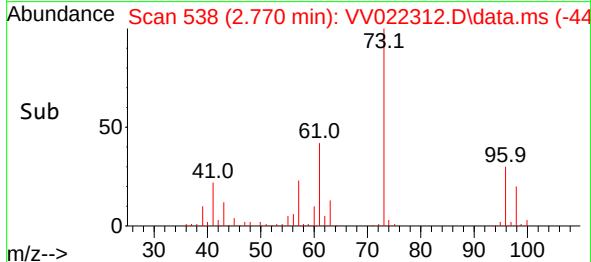
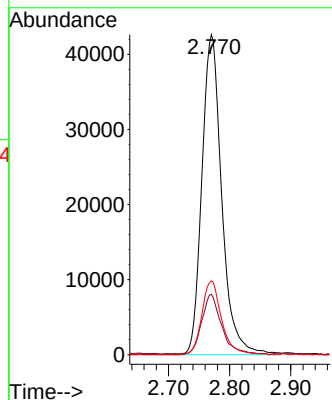
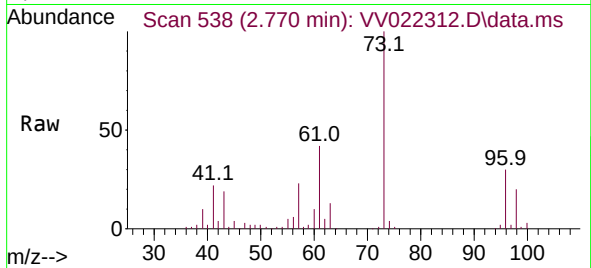




#17
Methyl tert-butyl Ether
Concen: 5.233 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

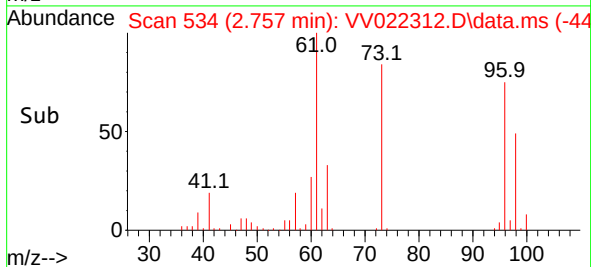
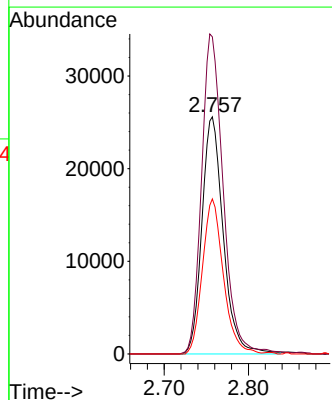
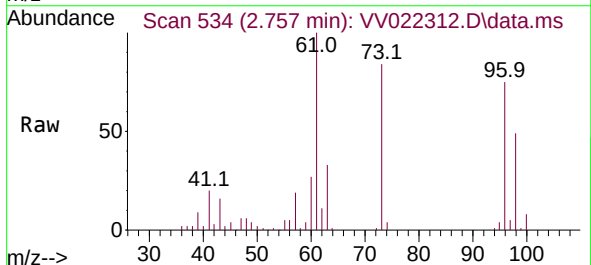
Instrument :
MSVOA_V
ClientSampleId :

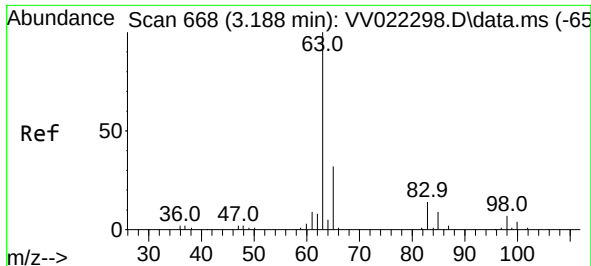
Tgt Ion: 73 Resp: 96248
Ion Ratio Lower Upper
73 100
43 19.2 15.0 22.6
57 22.8 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.467 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion: 96 Resp: 45171
Ion Ratio Lower Upper
96 100
61 133.7 92.0 170.9
98 65.3 44.7 83.1





#19

1,1-Dichloroethane

Concen: 5.460 ug/L

RT: 3.188 min Scan# 668

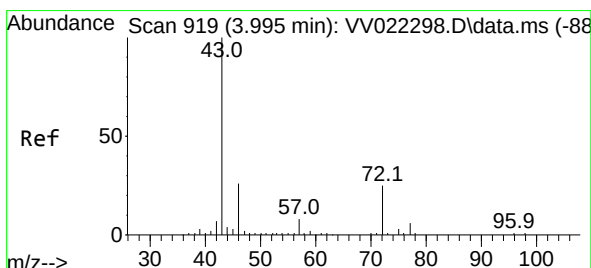
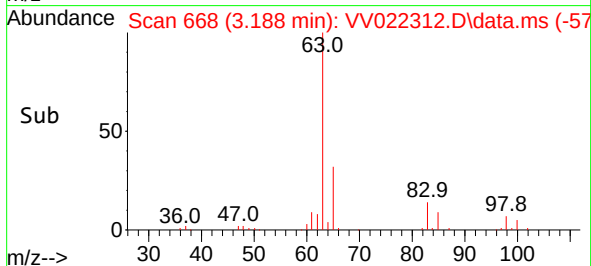
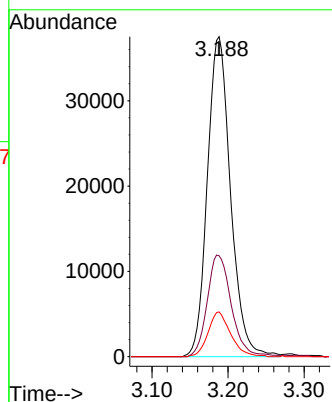
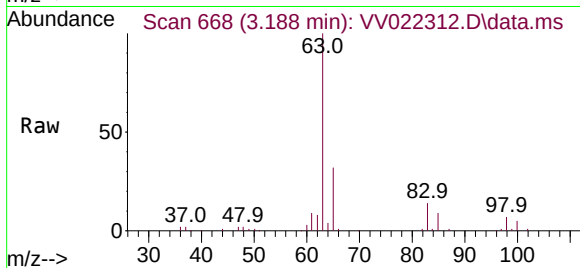
Delta R.T. -0.000 min

Lab File: VV022312.D

Acq: 24 Sep 2021 09:57

Tgt Ion:	63	Resp:	79589
Ion	Ratio	Lower	Upper
63	100		
65	31.6	20.6	38.4
83	14.0	9.4	17.4

Instrument :
MSVOA_V
ClientSampled :



#21

2-Butanone

Concen: 47.010 ug/L

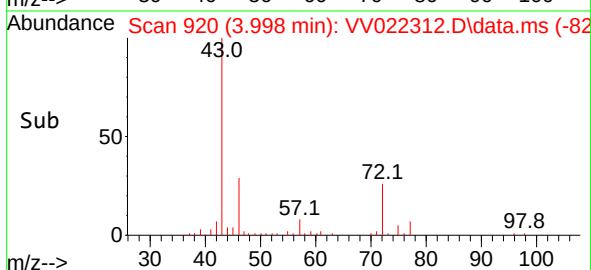
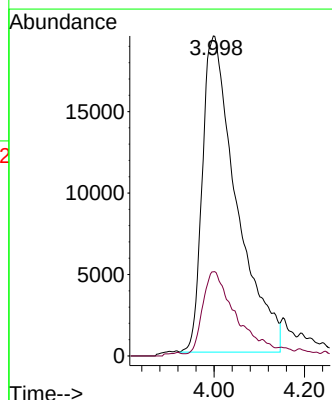
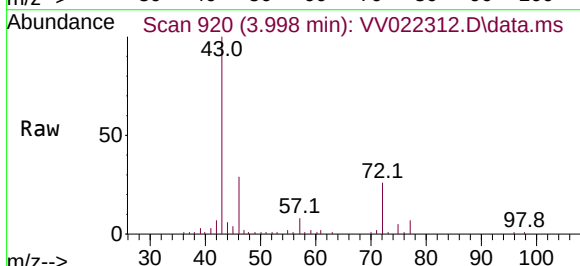
RT: 3.998 min Scan# 920

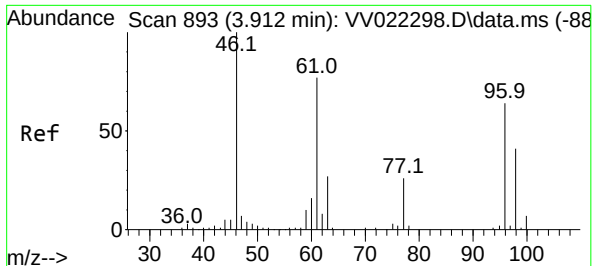
Delta R.T. 0.003 min

Lab File: VV022312.D

Acq: 24 Sep 2021 09:57

Tgt Ion:	43	Resp:	102178
Ion	Ratio	Lower	Upper
43	100		
72	23.3	12.4	37.2

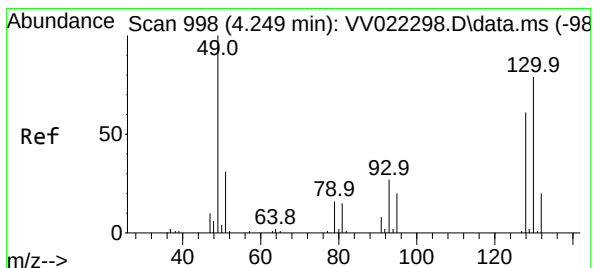
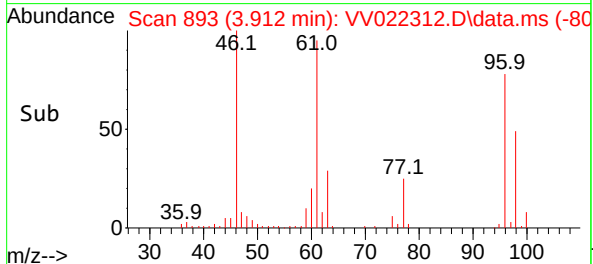
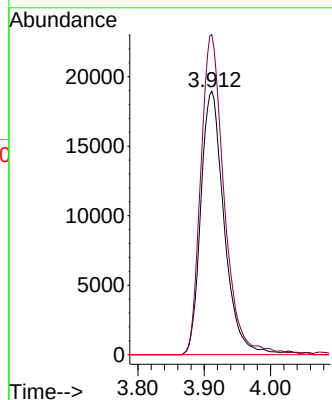
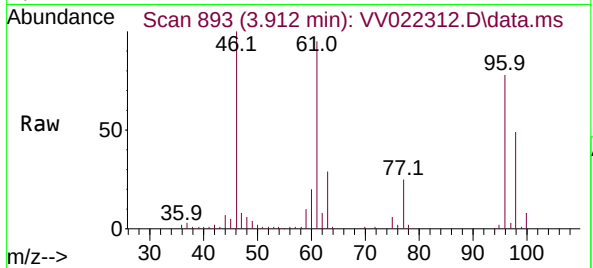




#22
cis-1,2-Dichloroethene
Concen: 5.626 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

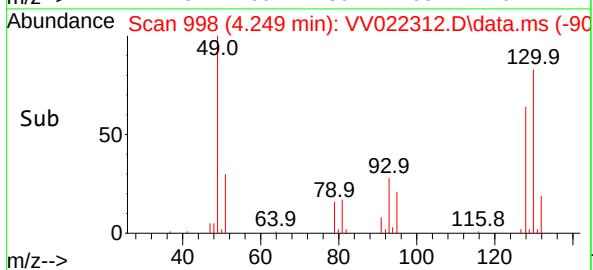
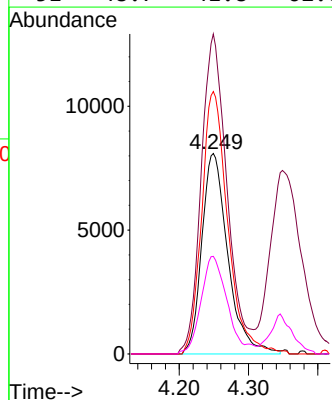
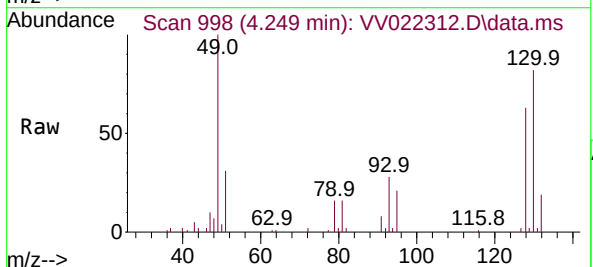
Instrument :
MSVOA_V
ClientSampleId :

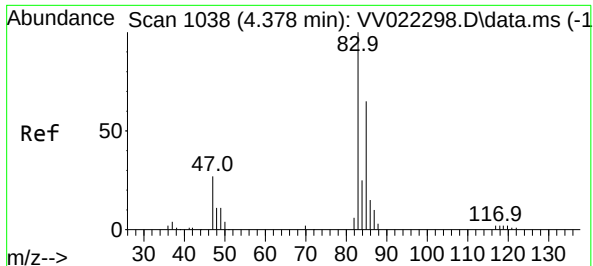
Tgt Ion: 96 Resp: 46199
Ion Ratio Lower Upper
96 100
61 121.5 85.8 159.3
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.453 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion:128 Resp: 21138
Ion Ratio Lower Upper
128 100
49 159.7 110.9 205.9
130 130.9 88.3 163.9
51 48.7 41.8 62.6





#25

Chloroform

Concen: 5.393 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV022312.D

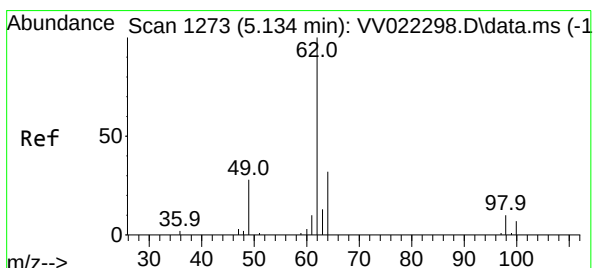
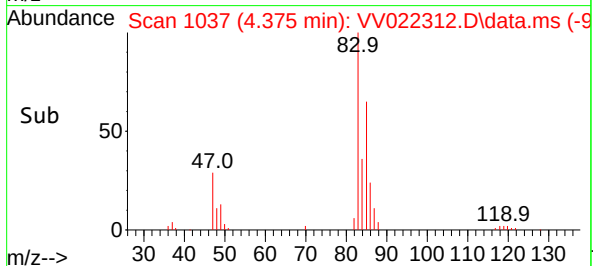
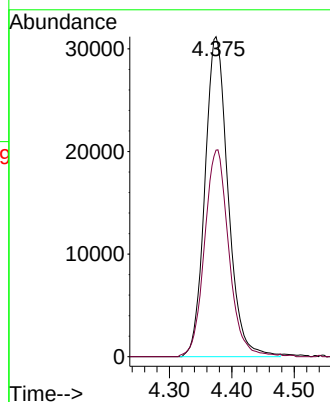
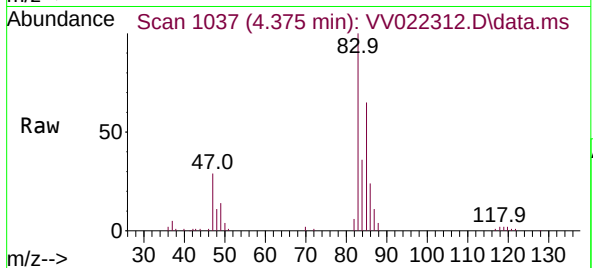
Acq: 24 Sep 2021 09:57

Tgt Ion: 83 Resp: 80322

Ion Ratio Lower Upper

83 100

85 64.6 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.296 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV022312.D

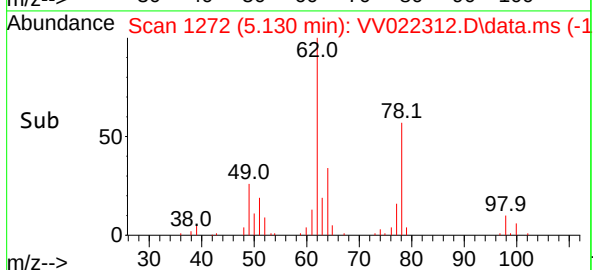
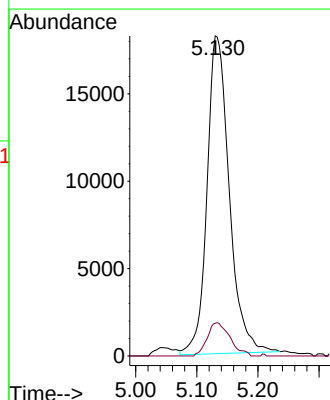
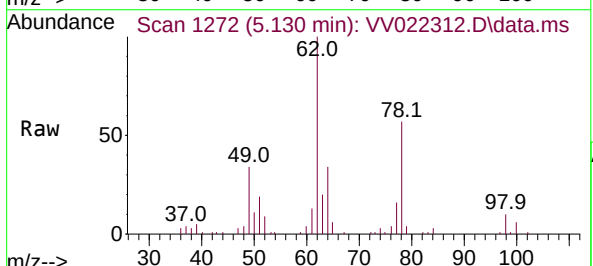
Acq: 24 Sep 2021 09:57

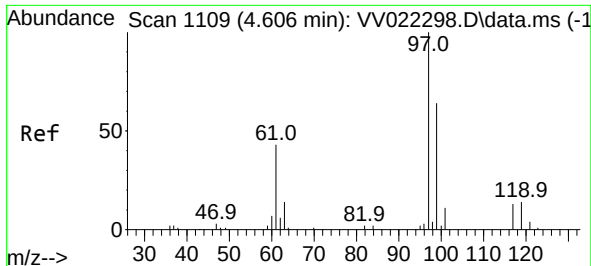
Tgt Ion: 62 Resp: 46066

Ion Ratio Lower Upper

62 100

98 10.2 8.8 13.2



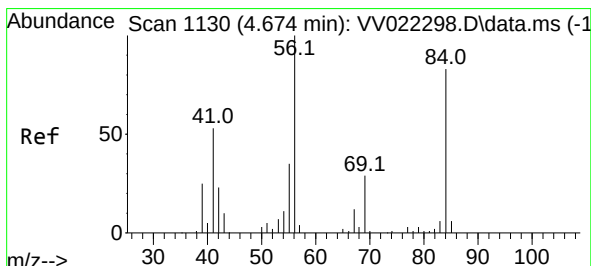
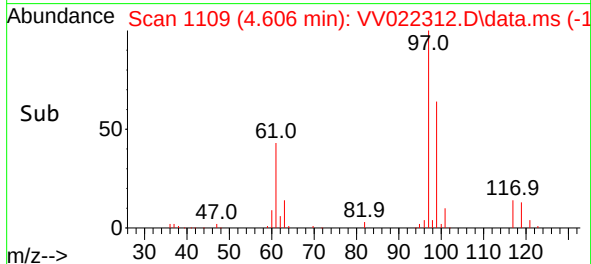
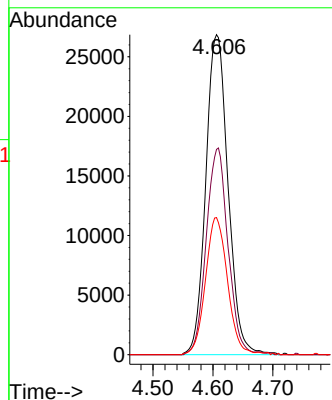
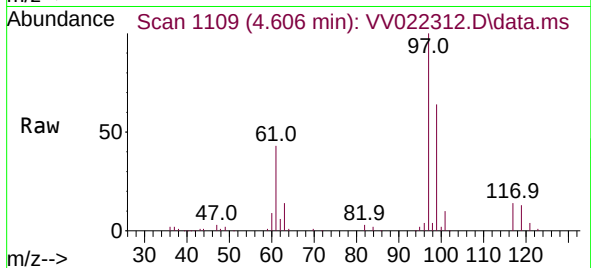


#29

1,1,1-Trichloroethane
Concen: 5.500 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Instrument :
MSVOA_V
ClientSampled :

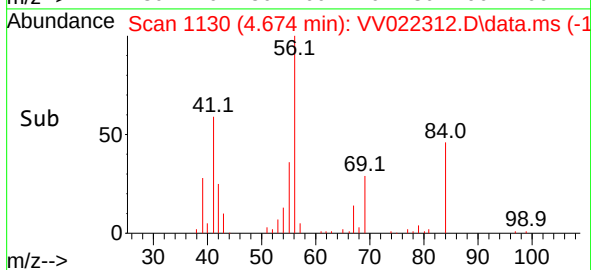
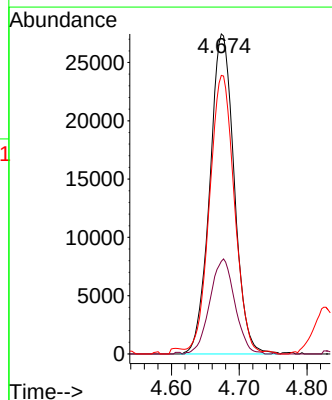
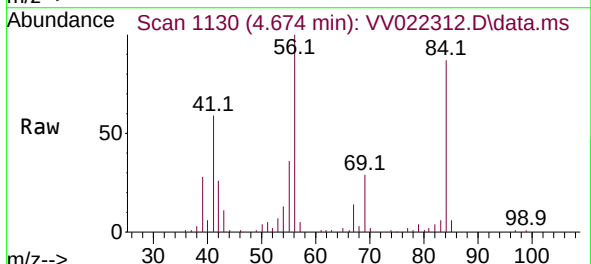
Tgt Ion: 97 Resp: 69460
Ion Ratio Lower Upper
97 100
99 62.9 51.5 77.3
61 42.3 35.5 53.3

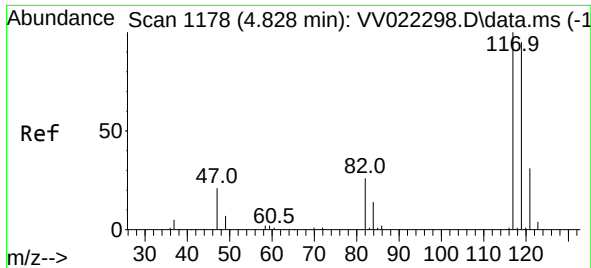


#30

Cyclohexane
Concen: 5.434 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion: 56 Resp: 68518
Ion Ratio Lower Upper
56 100
69 30.4 24.1 36.1
84 86.8 70.8 106.2

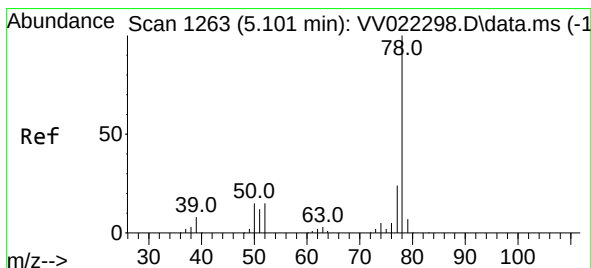
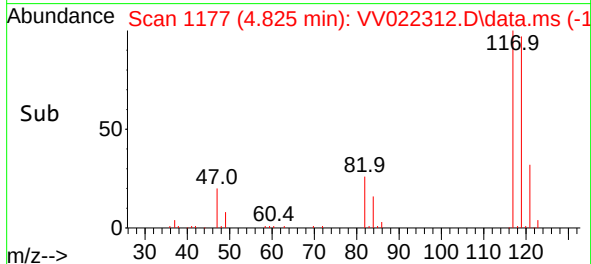
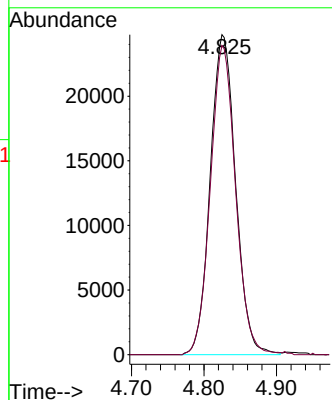
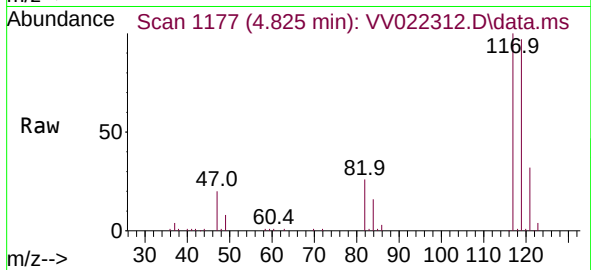




#31
Carbon tetrachloride
Concen: 5.605 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

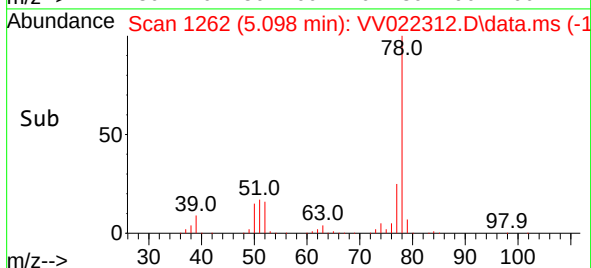
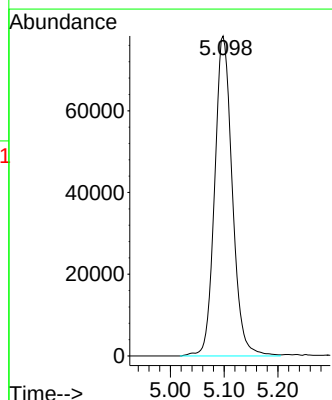
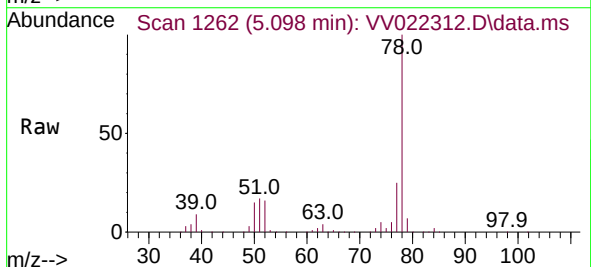
Instrument :
MSVOA_V
ClientSampled :

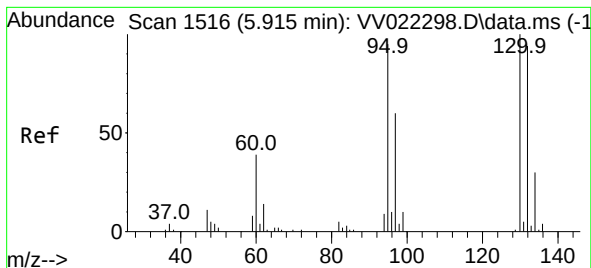
Tgt Ion:117 Resp: 60135
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7



#33
Benzene
Concen: 5.602 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion: 78 Resp: 178704

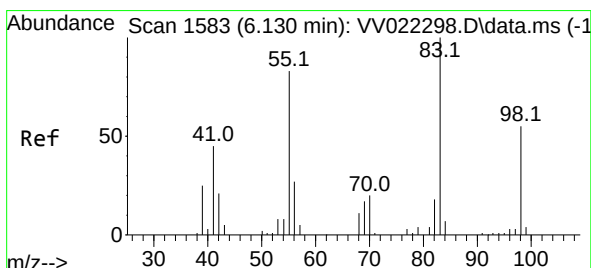
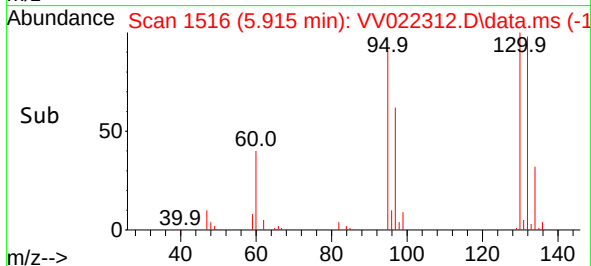
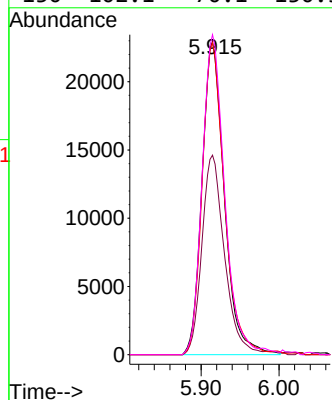
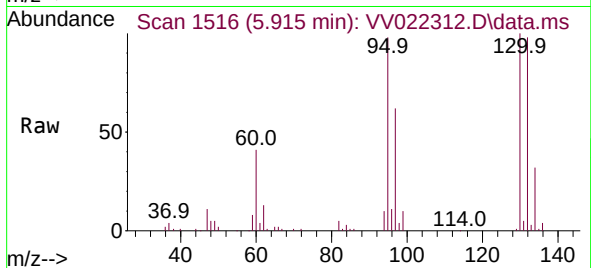




#34
Trichloroethene
Concen: 5.633 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

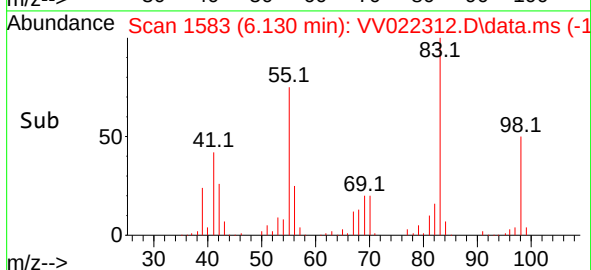
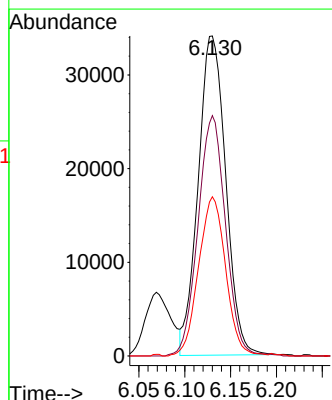
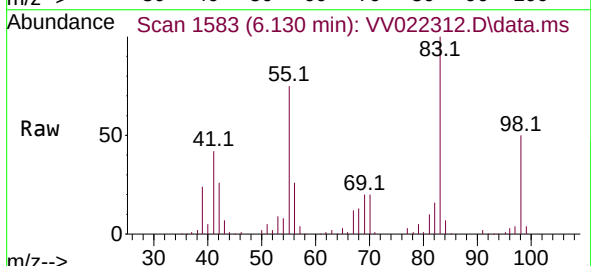
Instrument :
MSVOA_V
ClientSampled :

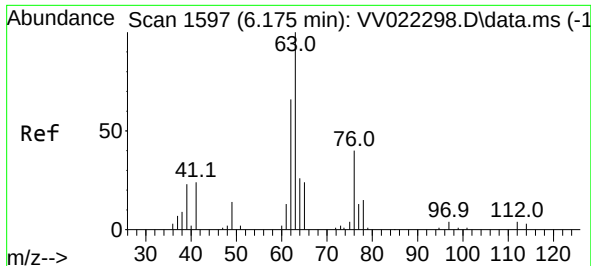
Tgt Ion: 95 Resp: 45659
Ion Ratio Lower Upper
95 100
97 63.7 44.7 82.9
132 99.6 67.5 125.3
130 102.1 70.1 130.3



#35
Methylcyclohexane
Concen: 5.509 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion: 83 Resp: 71312
Ion Ratio Lower Upper
83 100
55 75.2 60.2 90.2
98 49.0 39.5 59.3



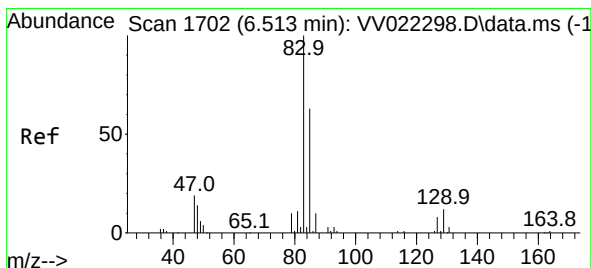
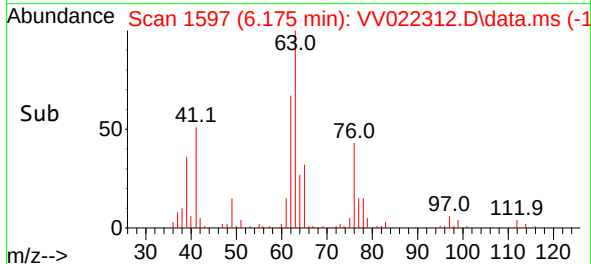
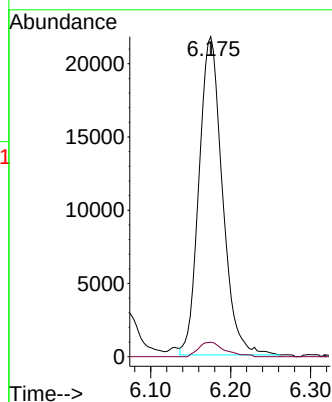
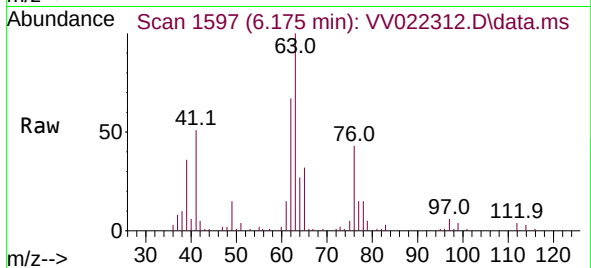


#37

1,2-Dichloropropane
Concen: 5.484 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Instrument :
MSVOA_V
ClientSampled :

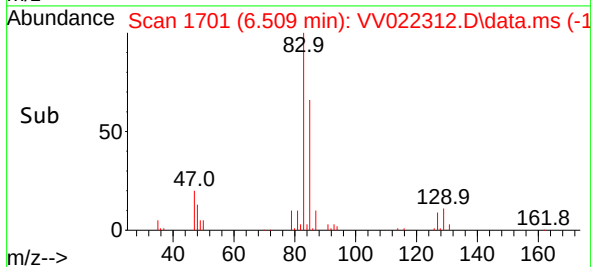
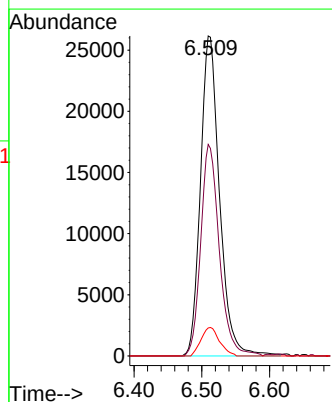
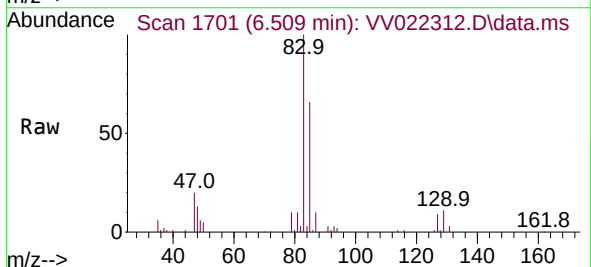
Tgt Ion: 63 Resp: 44164
Ion Ratio Lower Upper
63 100
112 5.1 4.2 6.2

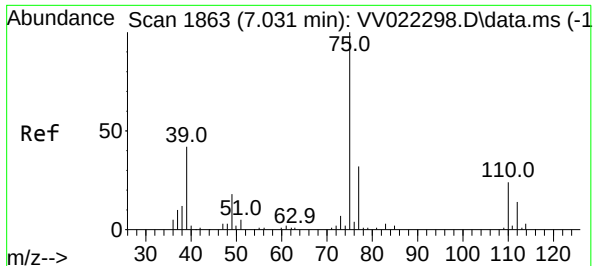


#38

Bromodichloromethane
Concen: 5.269 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion: 83 Resp: 51131
Ion Ratio Lower Upper
83 100
85 66.1 45.4 84.4
127 8.7 7.0 10.4

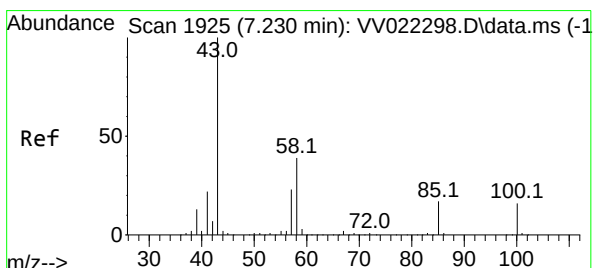
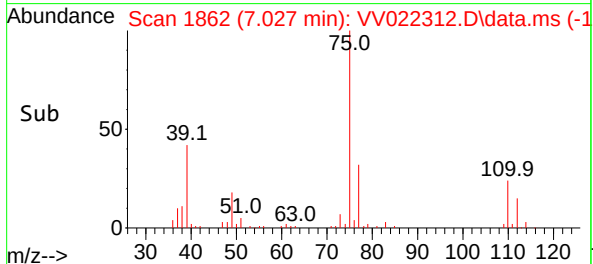
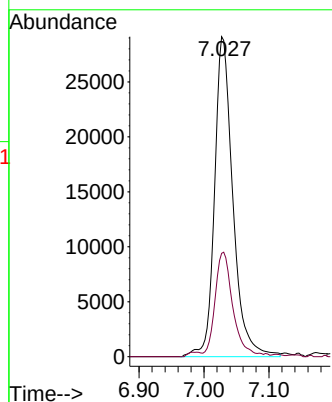
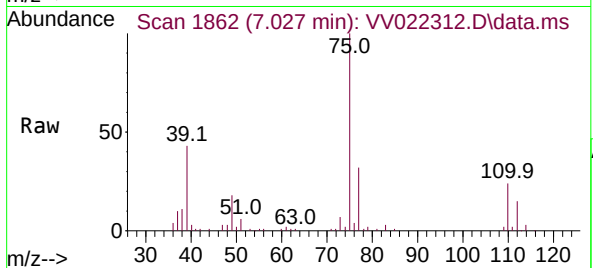




#39
 cis-1,3-Dichloropropene
 Concen: 5.351 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV022312.D
 Acq: 24 Sep 2021 09:57

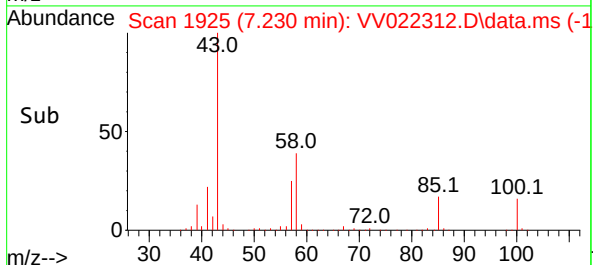
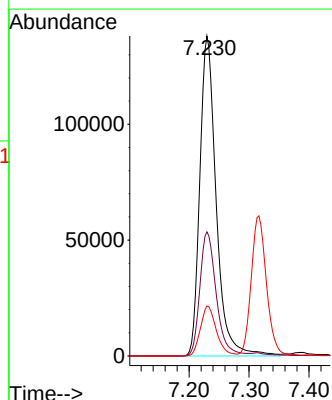
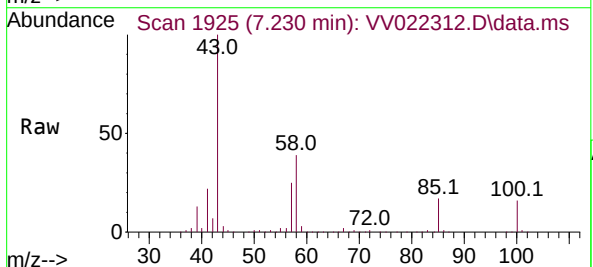
Instrument :
 MSVOA_V
 ClientSampled :

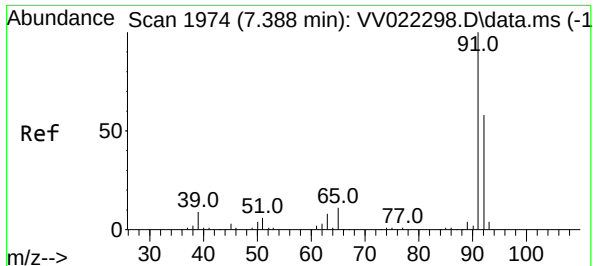
Tgt Ion: 75 Resp: 56989
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 50.568 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. -0.000 min
 Lab File: VV022312.D
 Acq: 24 Sep 2021 09:57

Tgt Ion: 43 Resp: 262461
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.7 47.5
 100 15.2 12.2 18.4

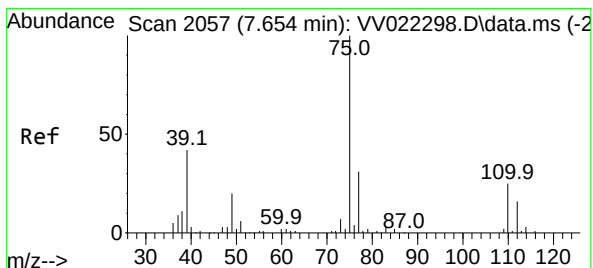
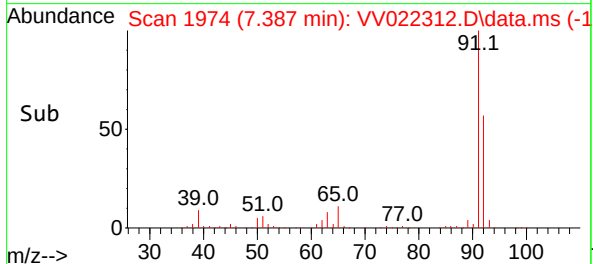
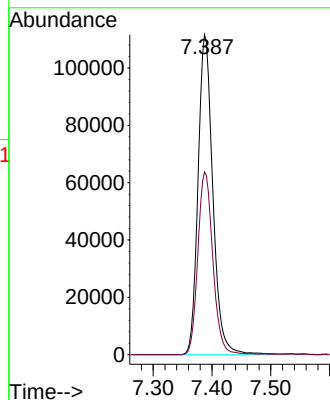
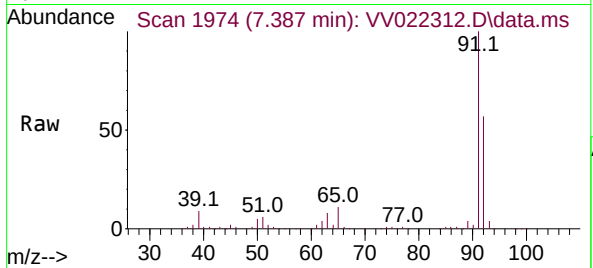




#42
Toluene
Concen: 5.755 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

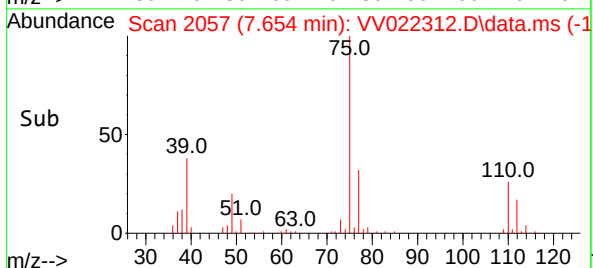
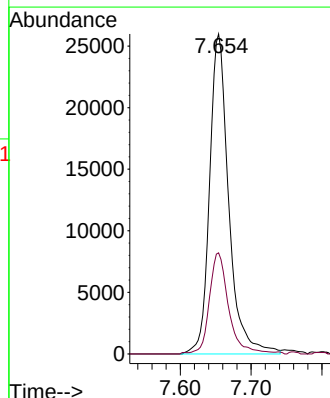
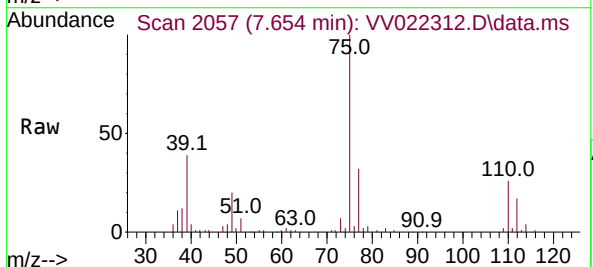
Instrument :
MSVOA_V
ClientSampled :

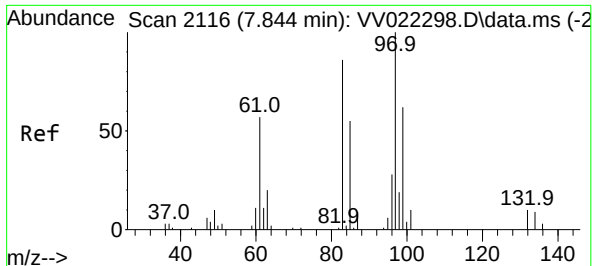
Tgt Ion: 91 Resp: 194487
Ion Ratio Lower Upper
91 100
92 57.1 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.345 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion: 75 Resp: 48661
Ion Ratio Lower Upper
75 100
77 31.6 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 5.046 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.003 min

Lab File: VV022312.D

Acq: 24 Sep 2021 09:57

Tgt Ion: 97 Resp: 30727

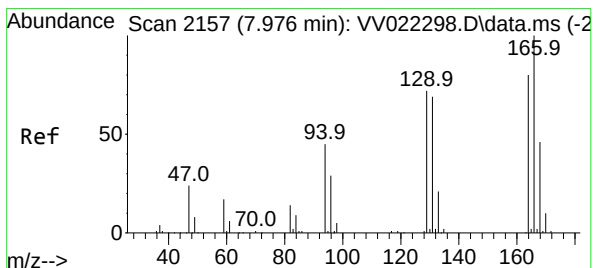
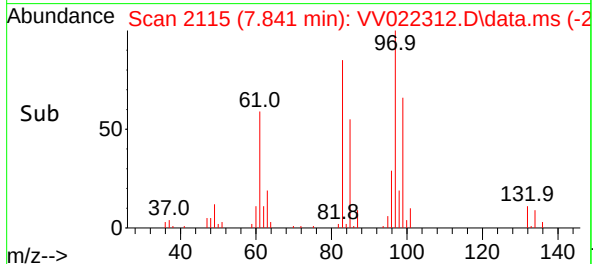
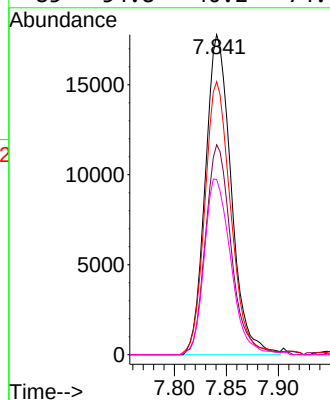
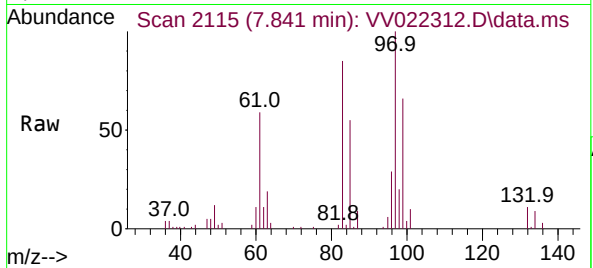
Ion Ratio Lower Upper

97 100

99 65.6 42.6 79.2

83 85.3 58.9 109.5

85 54.8 40.2 74.6



#47

Tetrachloroethene

Concen: 5.682 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV022312.D

Acq: 24 Sep 2021 09:57

Tgt Ion:164 Resp: 39061

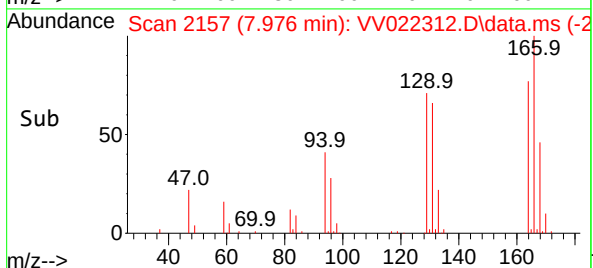
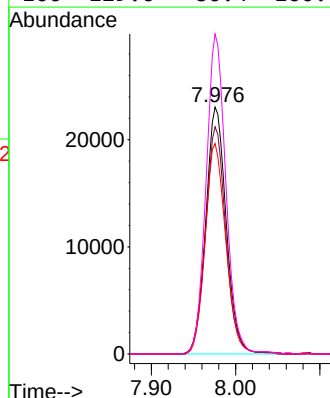
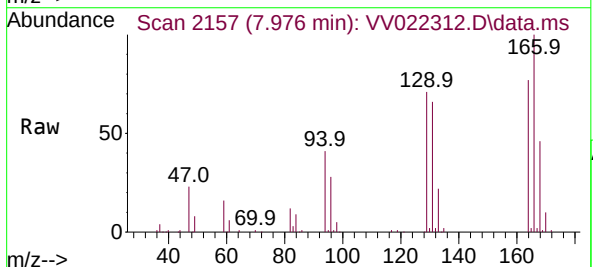
Ion Ratio Lower Upper

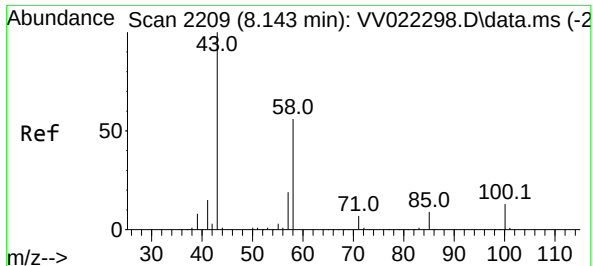
164 100

129 92.0 61.9 115.1

131 85.2 61.0 113.4

166 129.6 86.4 160.4



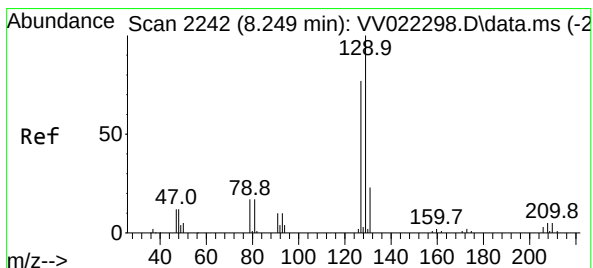
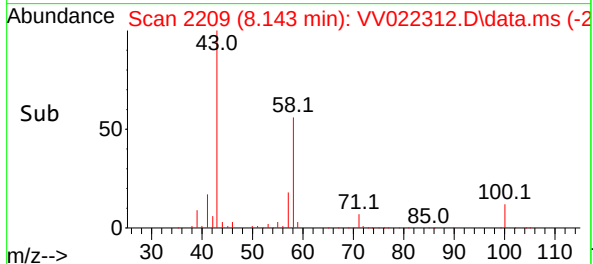
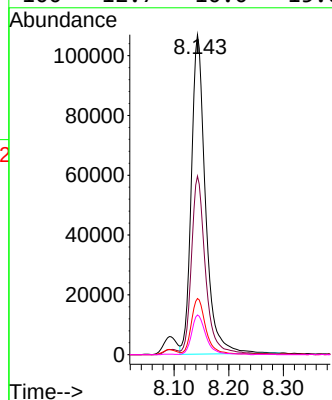
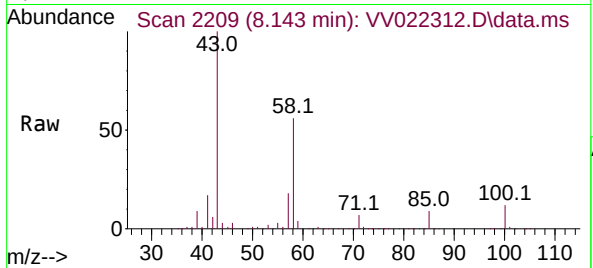


#48
2-Hexanone
Concen: 52.626 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 191930

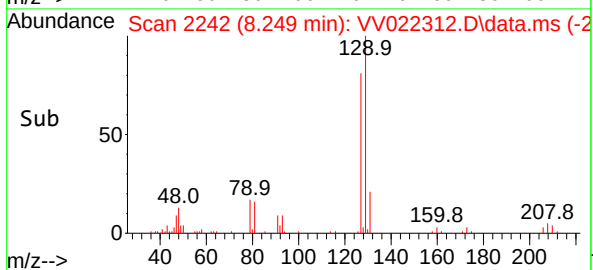
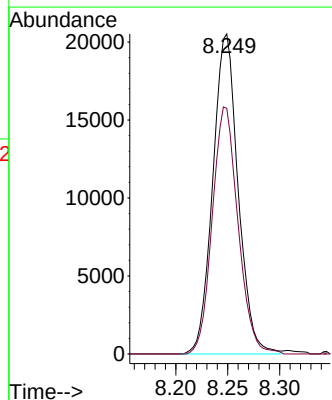
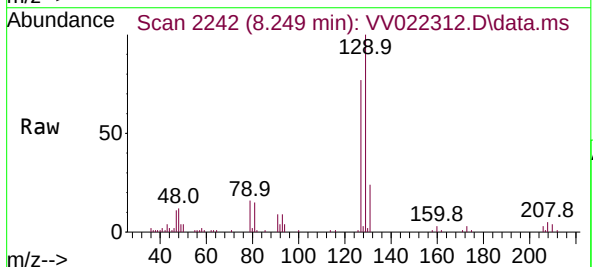
Ion	Ratio	Lower	Upper
43	100		
58	55.3	44.1	66.1
57	17.6	14.2	21.4
100	12.7	10.0	15.0

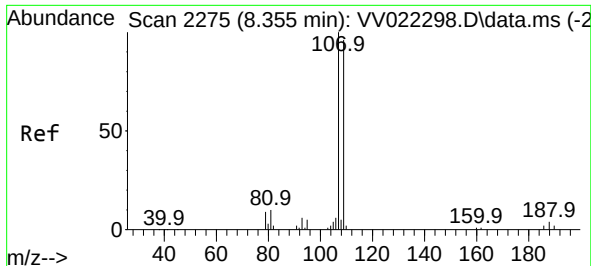


#49
Dibromochloromethane
Concen: 5.312 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion: 129 Resp: 34785

Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.5	101.3

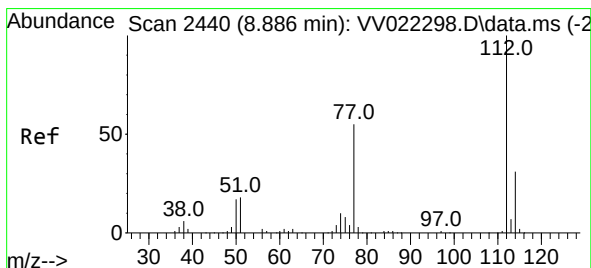
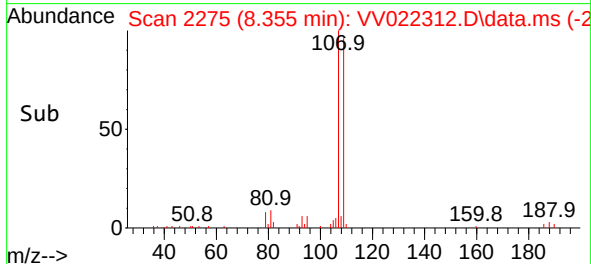
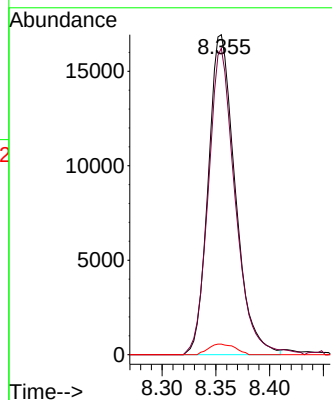
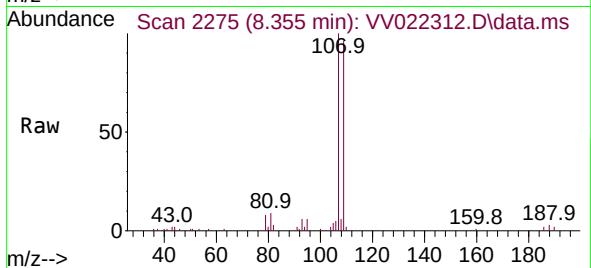




#50
1,2-Dibromoethane
Concen: 5.218 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

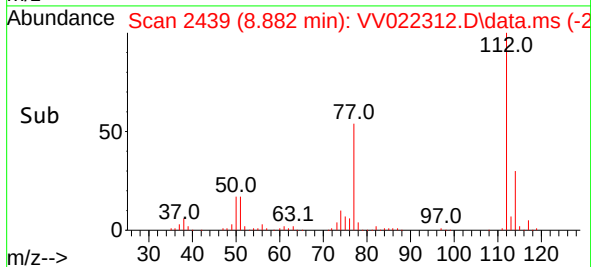
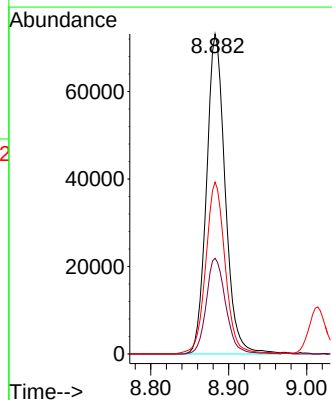
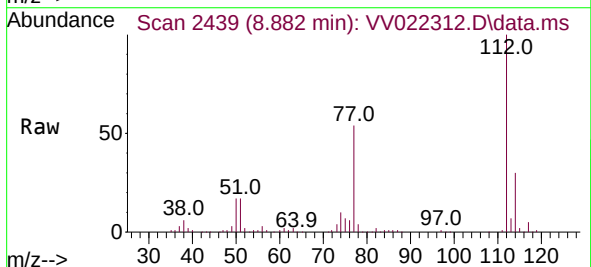
Instrument :
MSVOA_V
ClientSampled :

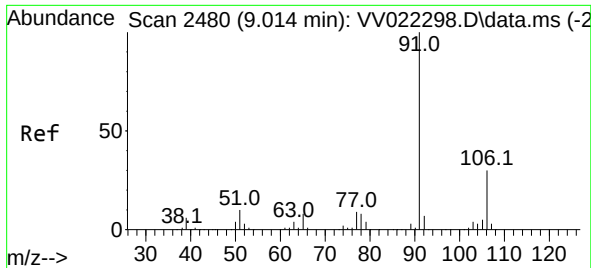
Tgt Ion:	107	Resp:	29544
Ion	Ratio	Lower	Upper
107	100		
109	95.8	62.8	116.6
188	3.3	2.8	4.2



#51
Chlorobenzene
Concen: 5.486 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion:	112	Resp:	121786
Ion	Ratio	Lower	Upper
112	100		
114	29.9	23.4	43.4
77	53.7	45.2	67.8

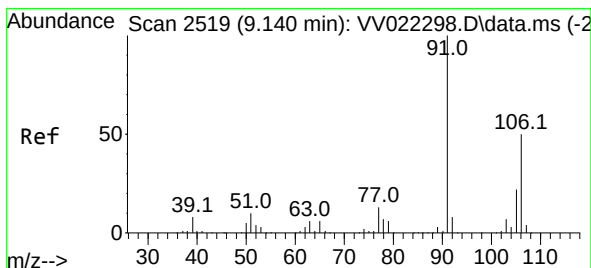
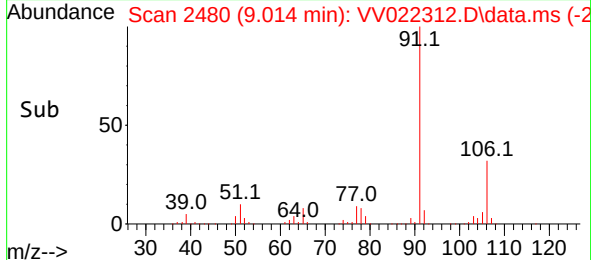
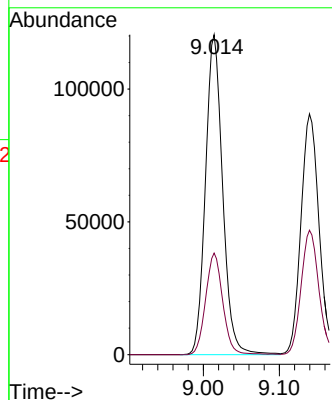
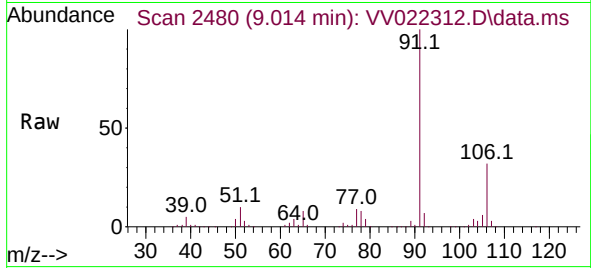




#52
Ethylbenzene
Concen: 5.381 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

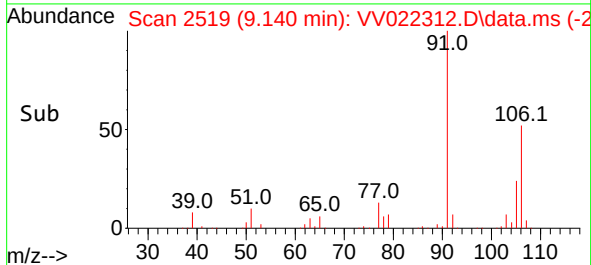
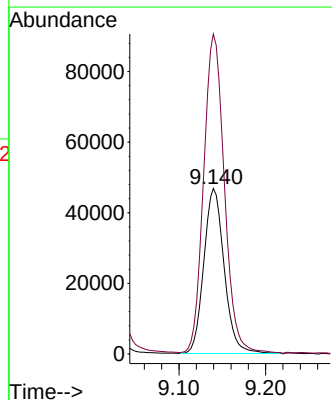
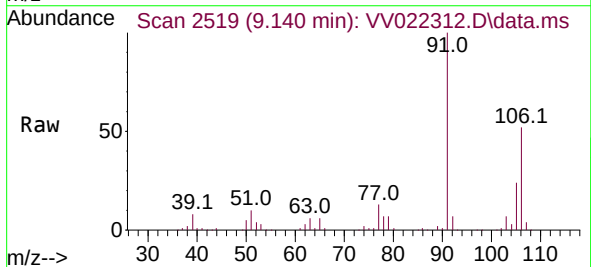
Instrument :
MSVOA_V
ClientSampled :

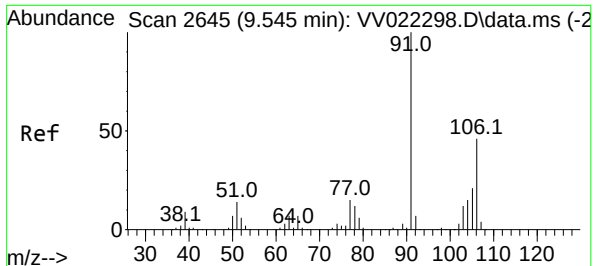
Tgt Ion: 91 Resp: 189168
Ion Ratio Lower Upper
91 100
106 31.8 22.0 40.8



#53
m,p-xylene
Concen: 5.617 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion: 106 Resp: 76261
Ion Ratio Lower Upper
106 100
91 193.5 142.7 264.9

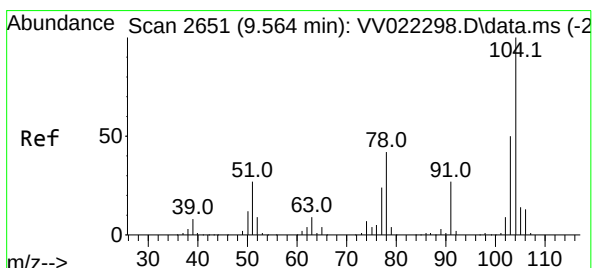
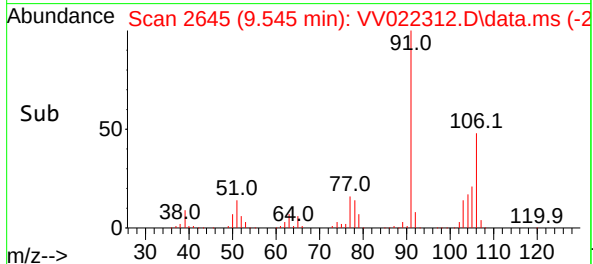
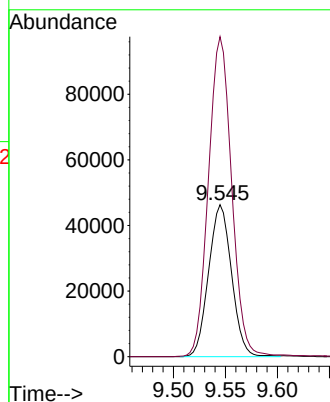
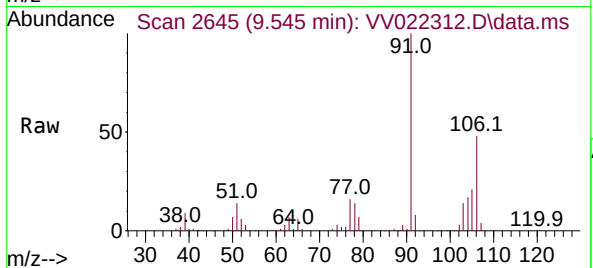




#54
o-xylene
Concen: 5.383 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

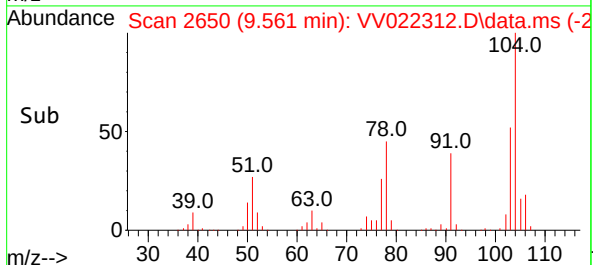
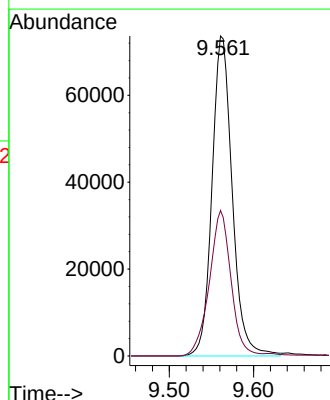
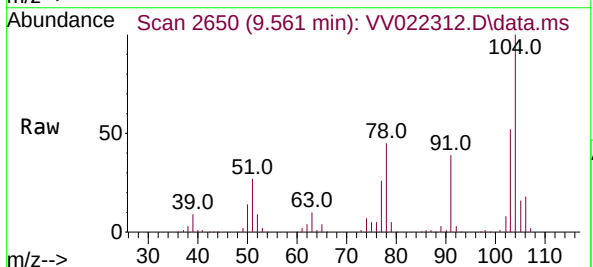
Instrument :
MSVOA_V
ClientSampled :

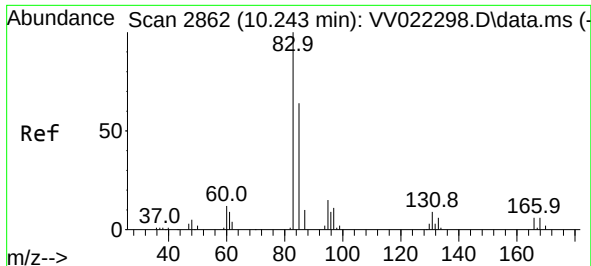
Tgt Ion:106 Resp: 71216
Ion Ratio Lower Upper
106 100
91 210.4 144.7 268.7



#55
Styrene
Concen: 5.591 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion:104 Resp: 122727
Ion Ratio Lower Upper
104 100
78 45.5 29.1 54.1

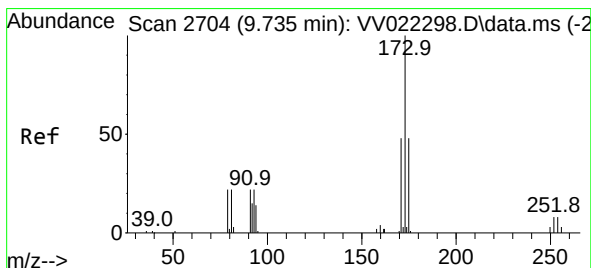
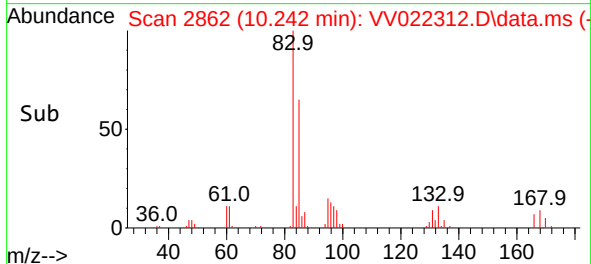
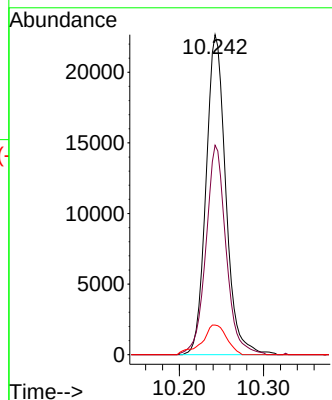
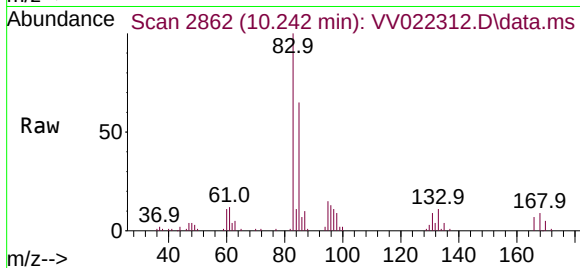




#57
1,1,2,2-Tetrachloroethane
Concen: 4.891 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

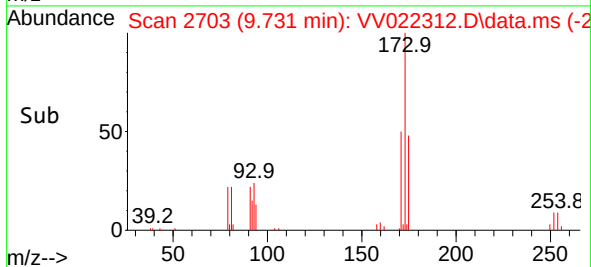
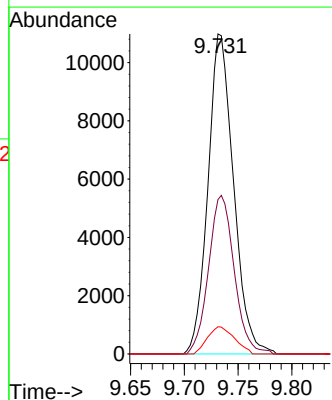
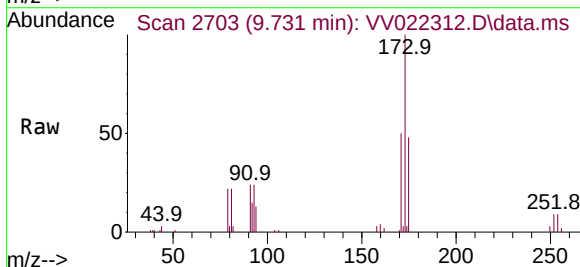
Instrument :
MSVOA_V
ClientSampled :

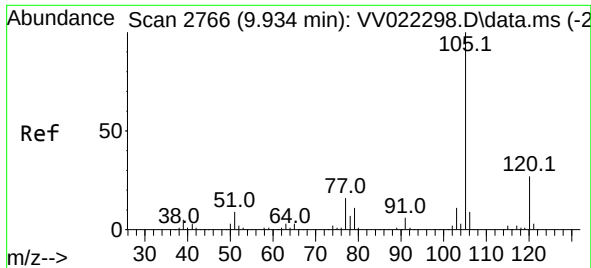
Tgt Ion:	83	Resp:	36985
Ion	Ratio	Lower	Upper
83	100		
85	65.5	45.3	84.1
131	9.3	8.9	13.3



#59
Bromoform
Concen: 5.102 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion:	173	Resp:	18165
Ion	Ratio	Lower	Upper
173	100		
175	49.7	40.9	61.3
254	9.0	7.4	11.2

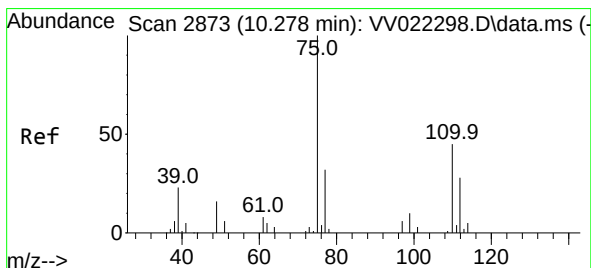
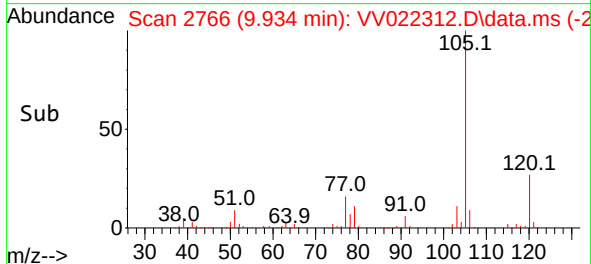
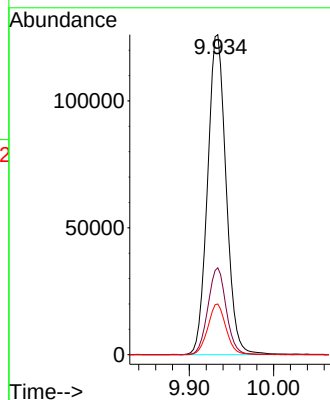
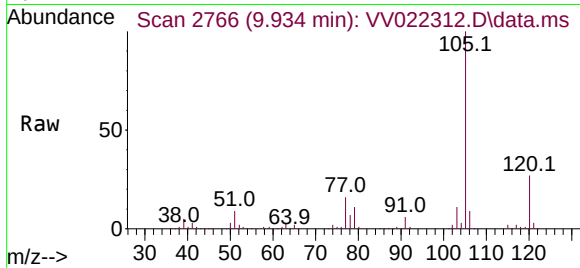




#60
Isopropylbenzene
Concen: 5.430 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

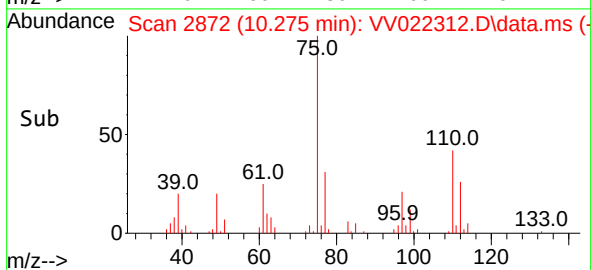
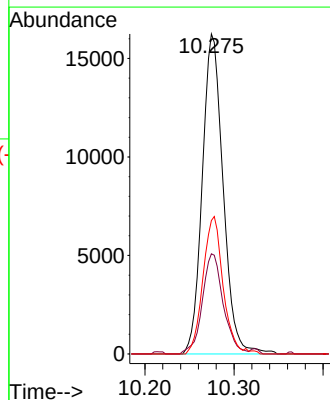
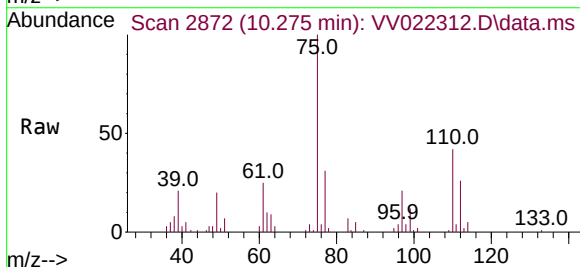
Instrument :
MSVOA_V
ClientSampled :

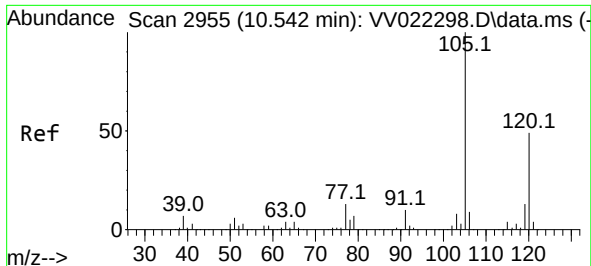
Tgt Ion:105 Resp: 193100
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.5 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.768 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion: 75 Resp: 26390
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
110 41.4 31.7 47.5

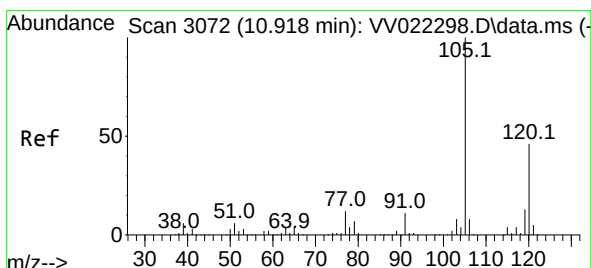
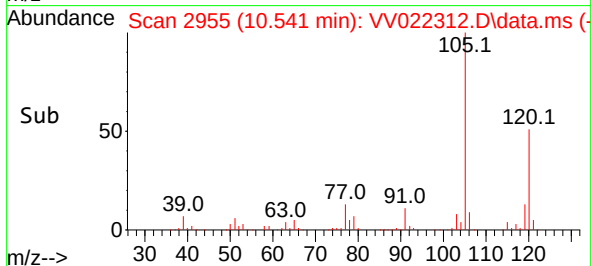
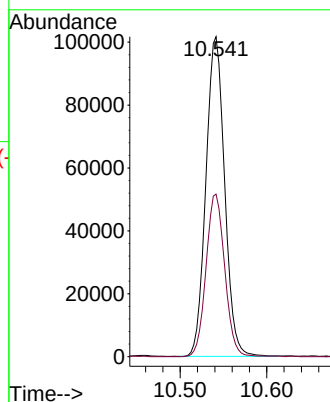
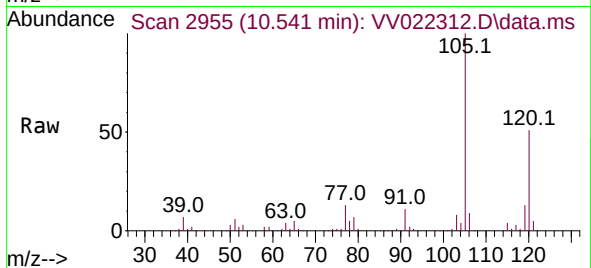




#62
1,3,5-Trimethylbenzene
Concen: 5.261 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

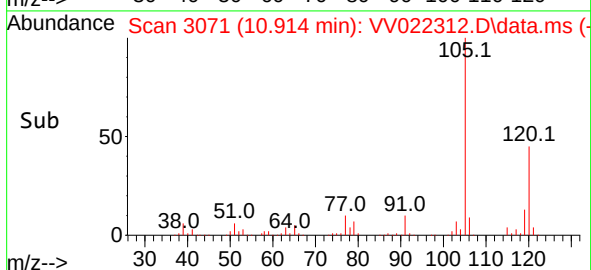
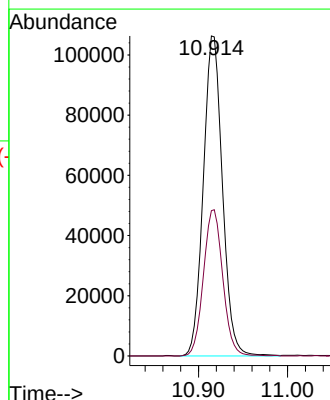
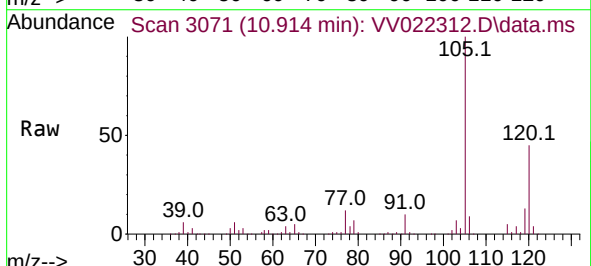
Instrument :
MSVOA_V
ClientSampleId :

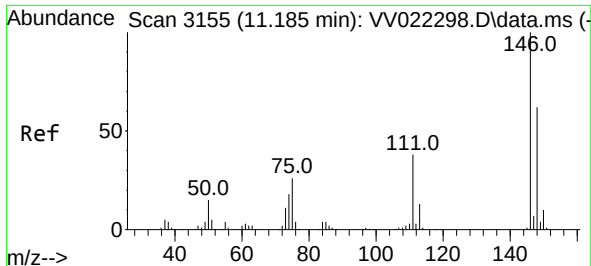
Tgt Ion:105 Resp: 152791
Ion Ratio Lower Upper
105 100
120 50.8 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.474 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion:105 Resp: 158450
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.6

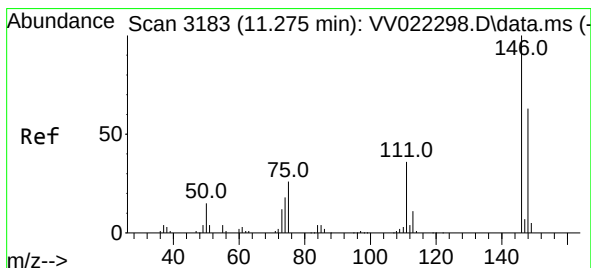
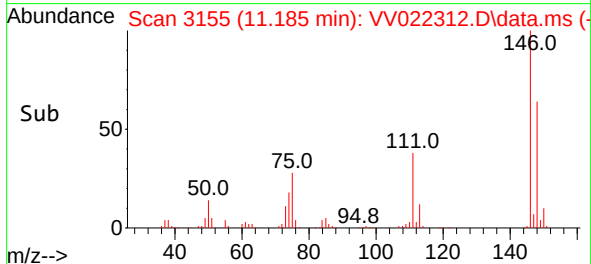
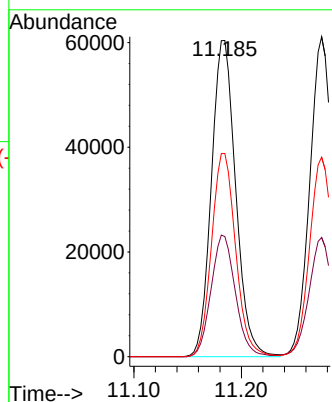
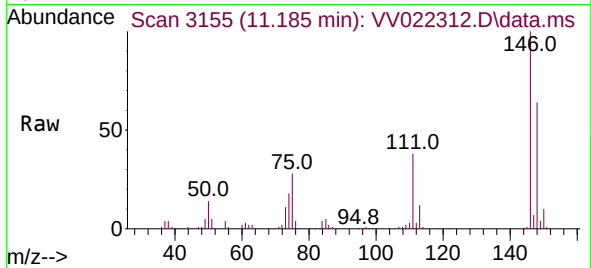




#64
1,3-Dichlorobenzene
Concen: 5.419 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

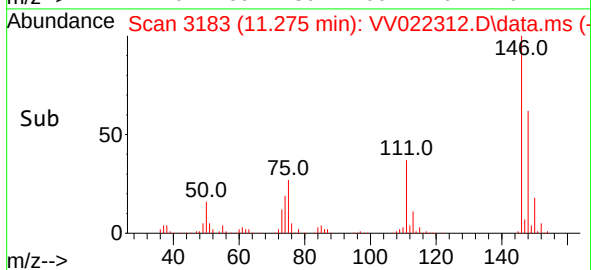
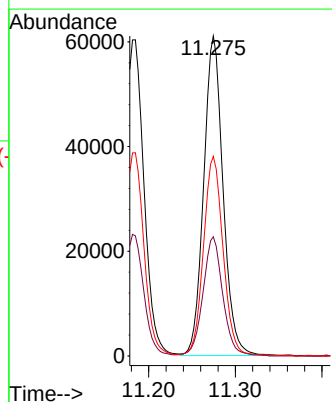
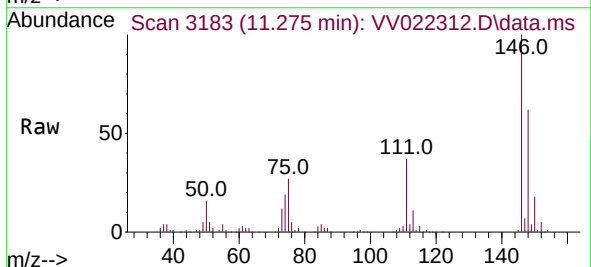
Instrument :
MSVOA_V
ClientSampleId :

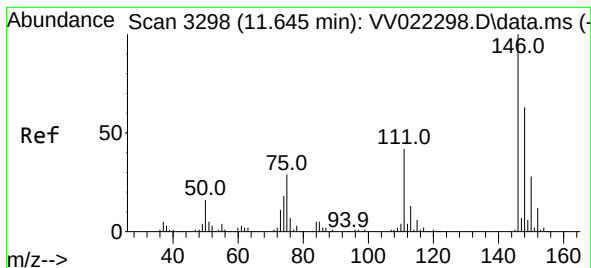
Tgt Ion:146 Resp: 94842
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.5
148 64.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.351 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion:146 Resp: 94917
Ion Ratio Lower Upper
146 100
111 37.2 25.5 47.3
148 62.3 42.6 79.0

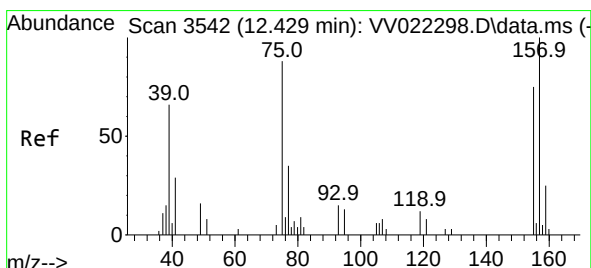
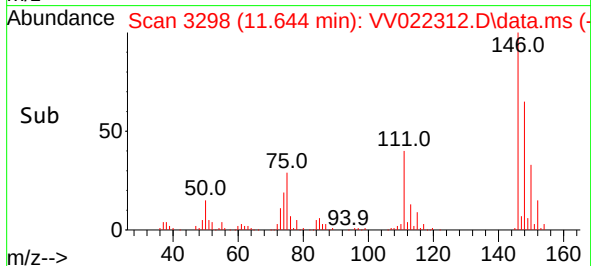
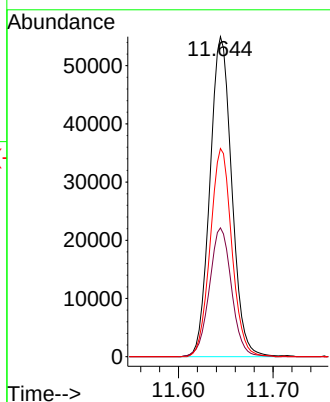
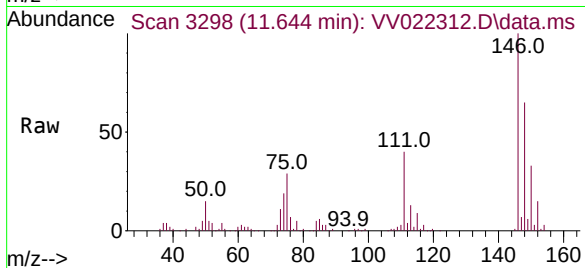




#67
1,2-Dichlorobenzene
Concen: 5.287 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

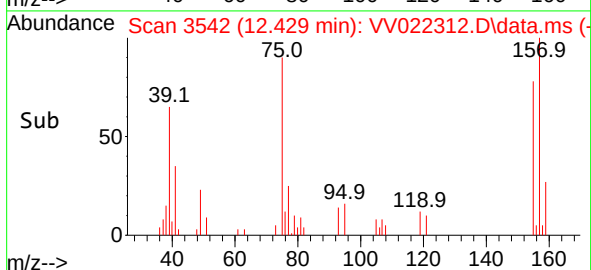
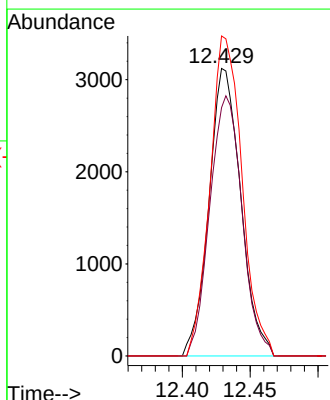
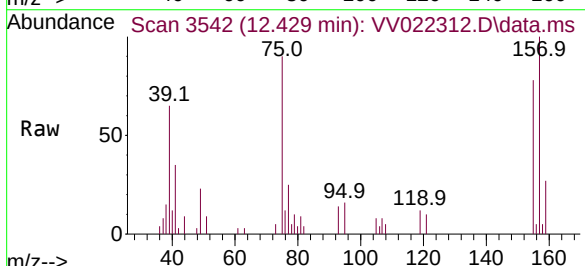
Instrument :
MSVOA_V
ClientSampleId :

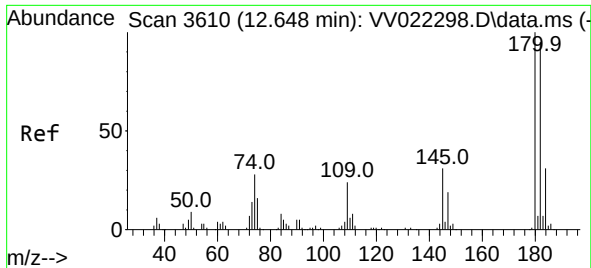
Tgt Ion:146 Resp: 88211
Ion Ratio Lower Upper
146 100
111 40.3 30.8 46.2
148 65.0 49.1 73.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.628 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

Tgt Ion: 75 Resp: 5093
Ion Ratio Lower Upper
75 100
155 86.3 75.6 113.4
157 111.3 92.6 139.0

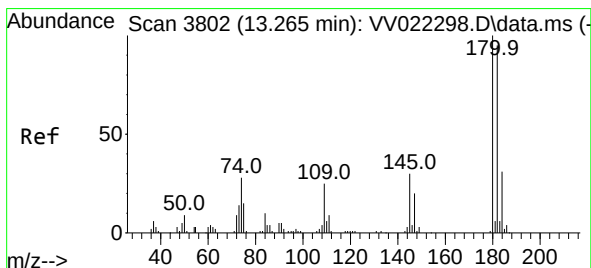
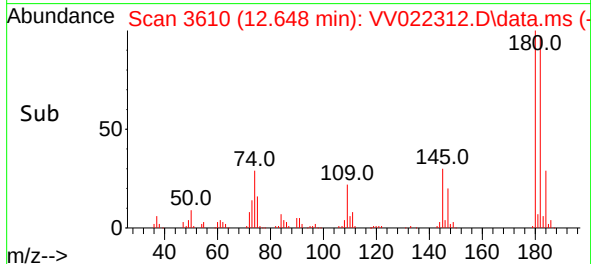
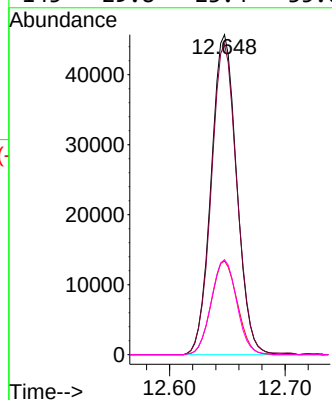
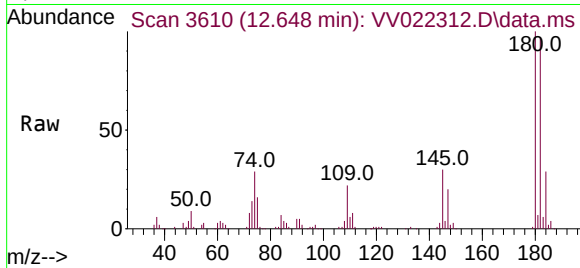




#69
1,3,5-Trichlorobenzene
Concen: 5.282 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

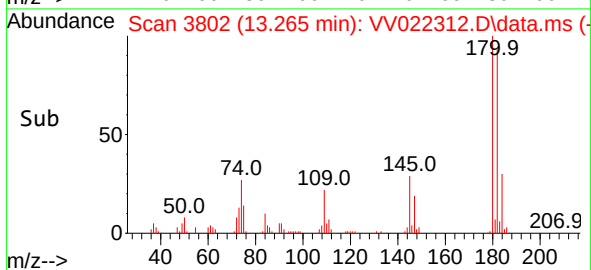
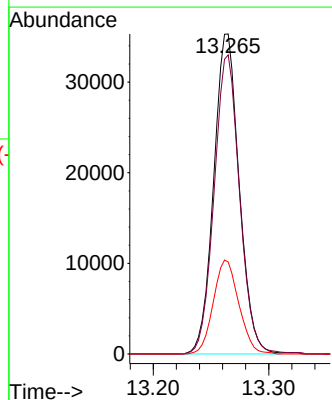
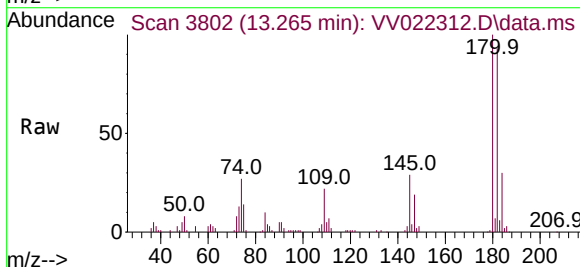
Instrument :
MSVOA_V
ClientSampleId :

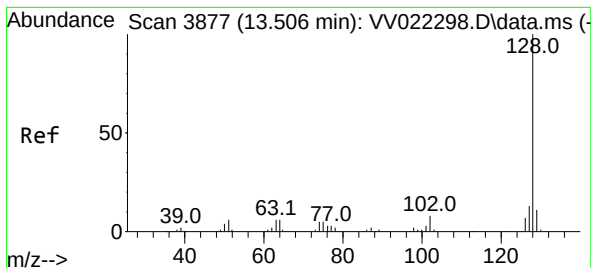
Tgt Ion:	180	Resp:	70125
Ion Ratio	Lower	Upper	
180	100		
182	97.6	74.6	112.0
184	29.9	24.0	36.0
145	29.8	23.4	35.0



#70
1,2,4-trichlorobenzene
Concen: 5.103 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

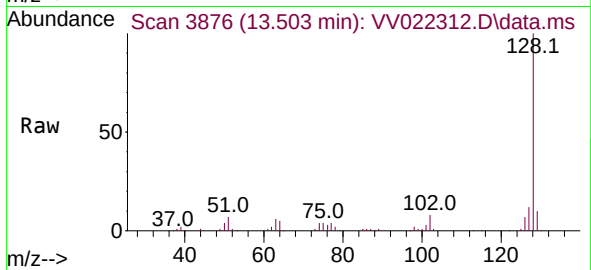
Tgt Ion:	180	Resp:	53977
Ion Ratio	Lower	Upper	
180	100		
182	93.7	73.1	109.7
145	29.3	23.6	35.4



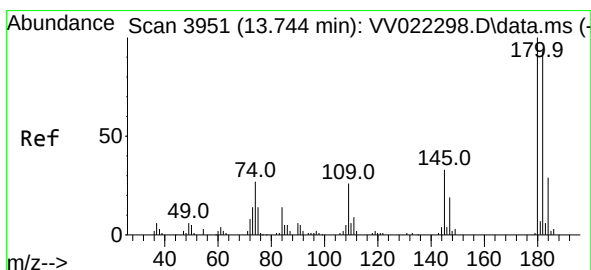
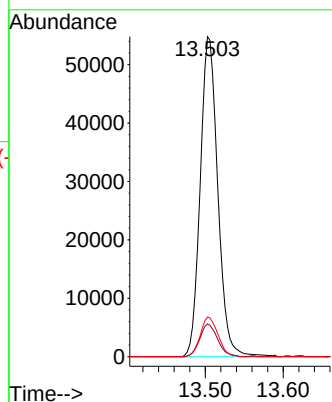
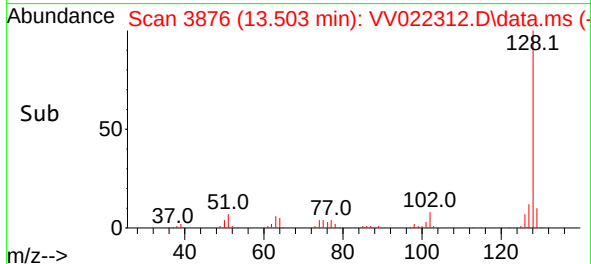


#71
Naphthalene
Concen: 4.463 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57

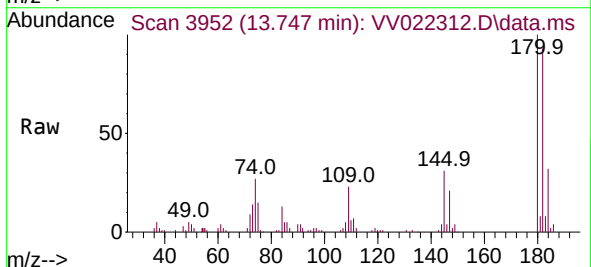
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 85787
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 12.5 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 5.077 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022312.D
Acq: 24 Sep 2021 09:57



Tgt Ion:180 Resp: 50180
Ion Ratio Lower Upper
180 100
182 94.2 76.9 115.3
145 31.9 26.0 39.0

