

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028686.D
 Acq On : 25 Oct 2022 14:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 05:09:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	200143	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	192141	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	94607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68453	4.918	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.558	69	58606	4.979	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.101	63	130595	4.850	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.912	46	166749	52.536	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.080%
24) Chloroform-d	4.339	84	113794	4.708	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.027	65	59107	4.819	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.043	84	220791	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.063	67	74214	4.563	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.310	98	193145	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.619	79	23277	4.606	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	125797	53.477	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.960%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	53541	4.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	62671	4.803	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41823	4.955	ug/L	98
3) Chloromethane	1.240	50	70500	4.474	ug/L	97
5) Vinyl chloride	1.307	62	78509	5.014	ug/L	100
6) Bromomethane	1.513	94	35952	4.807	ug/L	97
8) Chloroethane	1.577	64	53766	5.051	ug/L	95
9) Trichlorofluoromethane	1.745	101	100083	4.797	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	58779	4.741	ug/L	98
12) 1,1-Dichloroethene	2.111	96	52459	4.769	ug/L	80
13) Acetone	2.195	43	52868	28.063	ug/L	94
14) Carbon disulfide	2.285	76	112847	4.443	ug/L	99
15) Methyl Acetate	2.439	43	25374	4.439	ug/L	92
16) Methylene chloride	2.497	84	96469	6.359	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	136450	4.729	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	50152	4.530	ug/L	98
19) 1,1-Dichloroethane	3.182	63	119723	4.481	ug/L	99
21) 2-Butanone	3.995	43	160476	49.563	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	59451	4.479	ug/L	# 99
23) Bromochloromethane	4.243	128	23505	4.738	ug/L	91
25) Chloroform	4.365	83	119702	4.605	ug/L	99

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Quant Time: Oct 27 05:09:25 2022
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 Response via : Initial Calibration

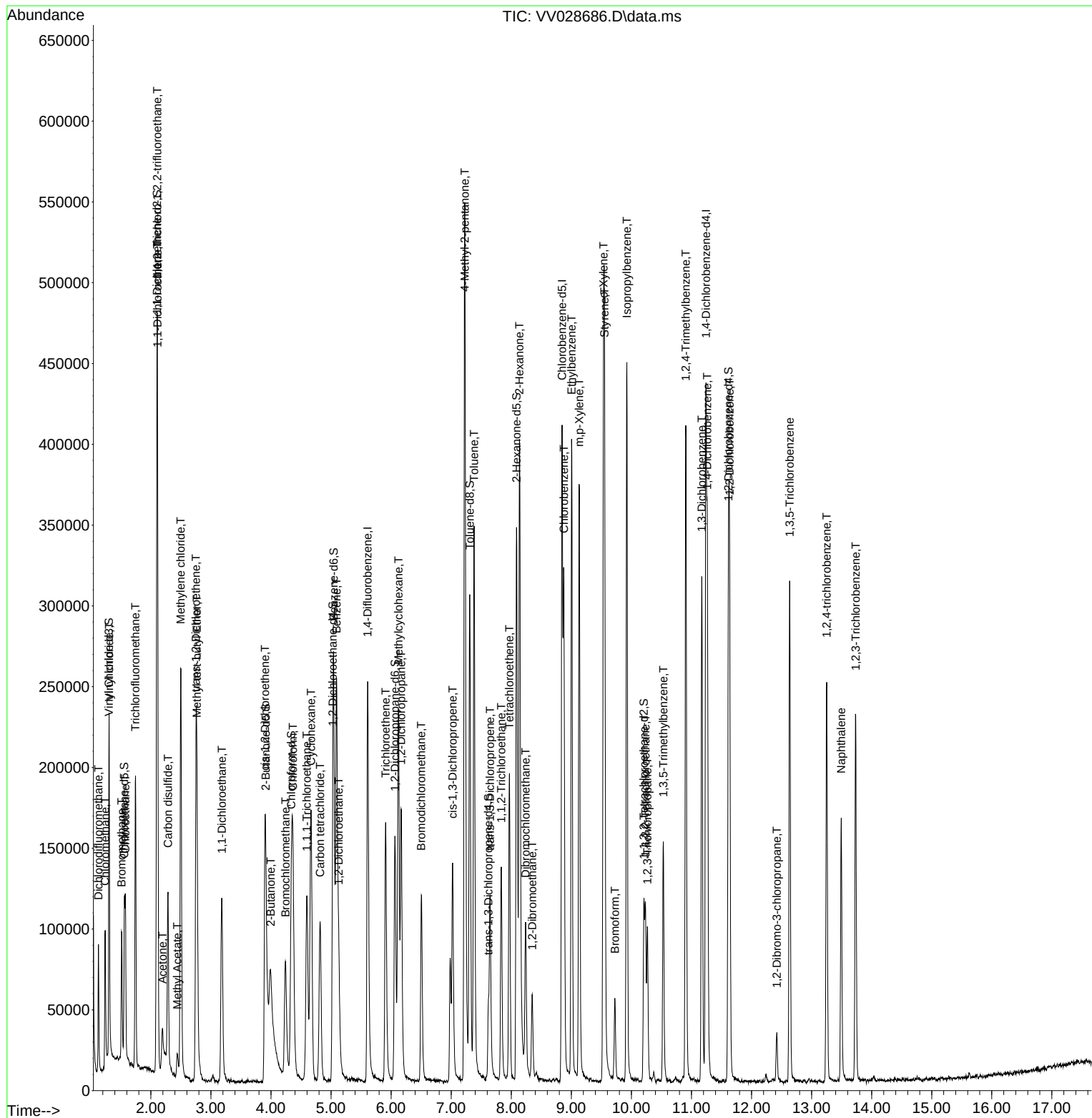
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	68314	4.448	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	88627	3.835	ug/L	98
30) Cyclohexane	4.667	56	90353	3.773	ug/L	97
31) Carbon tetrachloride	4.818	117	71081	3.829	ug/L	99
33) Benzene	5.092	78	237550	4.137	ug/L	100
34) Trichloroethene	5.908	95	58822	4.135	ug/L	95
35) Methylcyclohexane	6.124	83	88321	4.494	ug/L	97
37) 1,2-Dichloropropane	6.169	63	64870	4.421	ug/L #	97
38) Bromodichloromethane	6.503	83	78443	4.471	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	83748	4.709	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	426898	49.141	ug/L	98
42) Toluene	7.381	91	242587	4.455	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	64897	4.527	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	41029	4.550	ug/L	94
47) Tetrachloroethene	7.969	164	38502	4.409	ug/L	99
48) 2-Hexanone	8.137	43	302110	49.150	ug/L	97
49) Dibromochloromethane	8.239	129	44220	4.681	ug/L	95
50) 1,2-Dibromoethane	8.349	107	34637	4.412	ug/L	99
51) Chlorobenzene	8.876	112	151525	4.419	ug/L	98
52) Ethylbenzene	9.005	91	270297	4.467	ug/L	98
53) m,p-Xylene	9.133	106	99049	4.533	ug/L	97
54) o-Xylene	9.535	106	97105	4.418	ug/L	98
55) Styrene	9.554	104	170592	4.603	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	52155	4.611	ug/L	99
59) Bromoform	9.725	173	20974	4.515	ug/L	95
60) Isopropylbenzene	9.924	105	266723	4.480	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	37137	4.572	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	75907	4.371	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	214937	4.469	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	113144	4.412	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	113510	4.437	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	105855	4.515	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.423	75	7440	4.449	ug/L	93
69) 1,3,5-Trichlorobenzene	12.635	180	82132	4.218	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	66321	4.473	ug/L	97
71) Naphthalene	13.493	128	117319	4.618	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	60238	4.585	ug/L	98

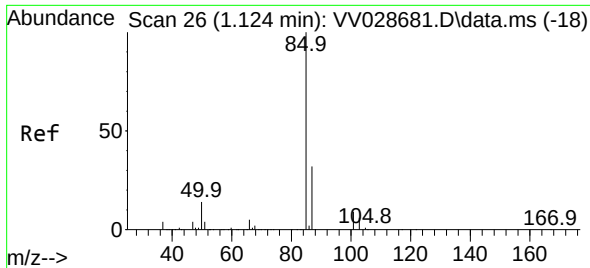
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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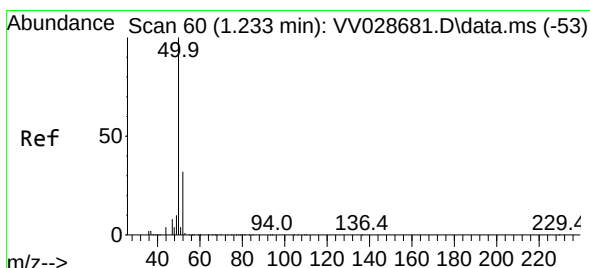
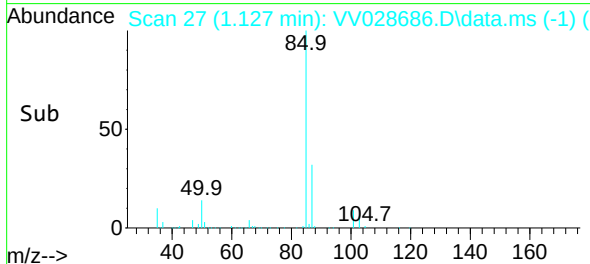
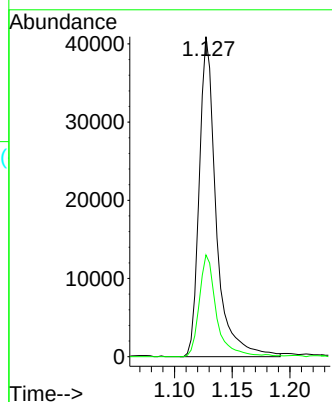
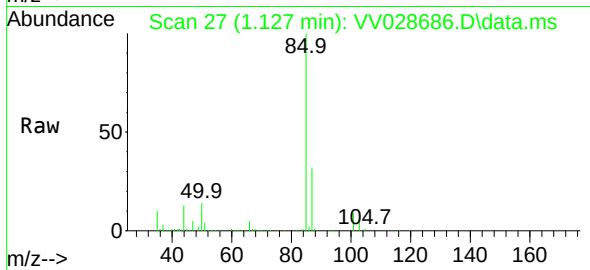




#2
 Dichlorodifluoromethane
 Concen: 4.955 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028686.D
 Acq: 25 Oct 2022 14:22

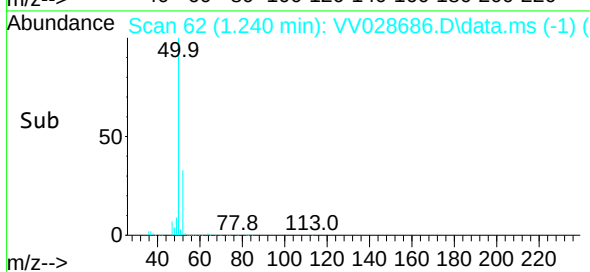
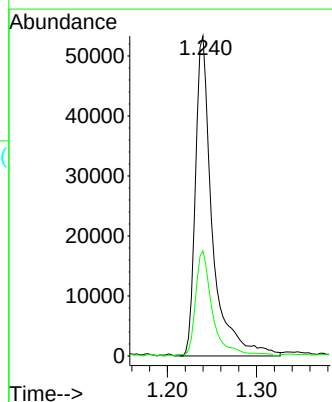
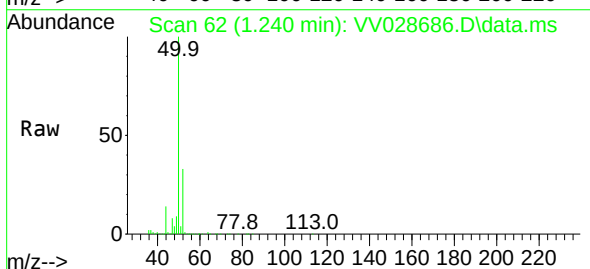
Instrument :
 MSVOA_V
 ClientSampleId :

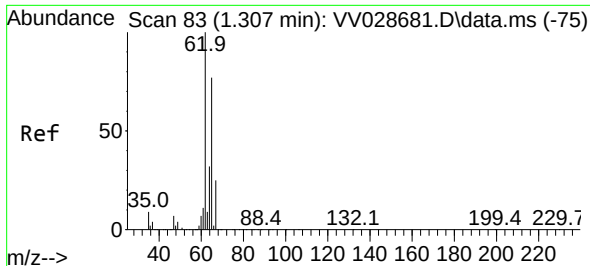
Tgt Ion: 85 Resp: 41823
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.6 40.0



#3
 Chloromethane
 Concen: 4.474 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.006 min
 Lab File: VV028686.D
 Acq: 25 Oct 2022 14:22

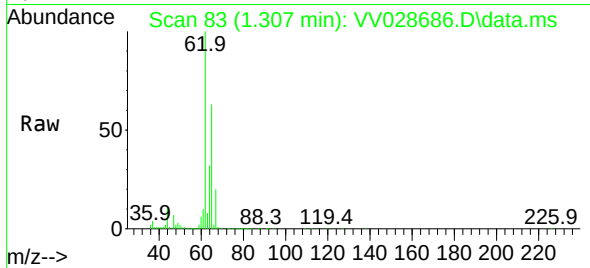
Tgt Ion: 50 Resp: 70500
 Ion Ratio Lower Upper
 50 100
 52 32.8 21.8 40.6



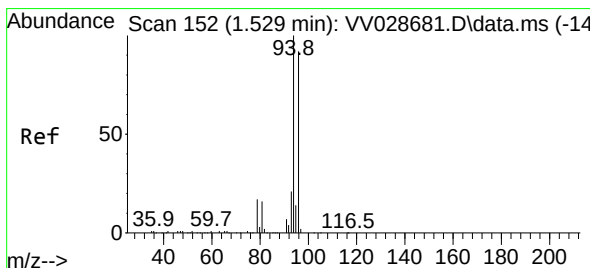
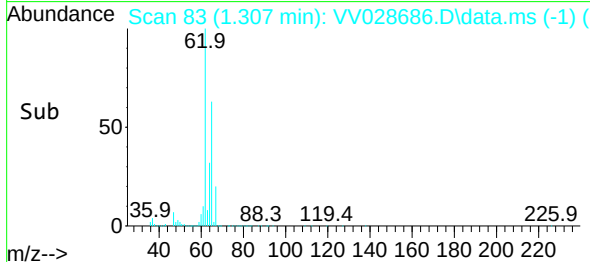
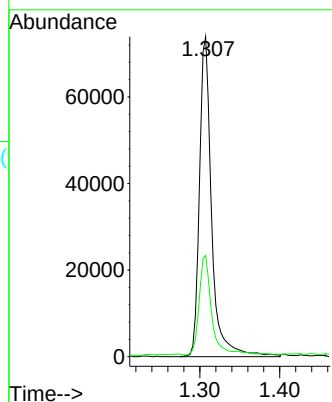


#5
 Vinyl chloride
 Concen: 5.014 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028686.D
 Acq: 25 Oct 2022 14:22

Instrument :
 MSVOA_V
 ClientSampleId :

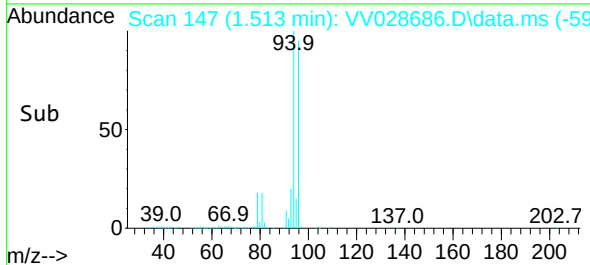
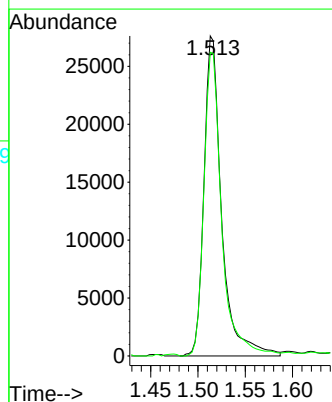
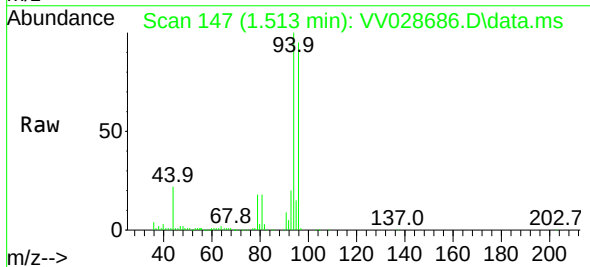


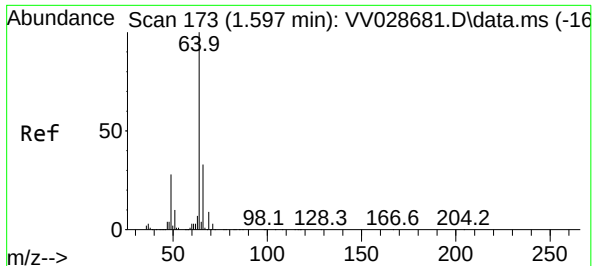
Tgt Ion: 62 Resp: 78509
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.0 41.0



#6
 Bromomethane
 Concen: 4.807 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.016 min
 Lab File: VV028686.D
 Acq: 25 Oct 2022 14:22

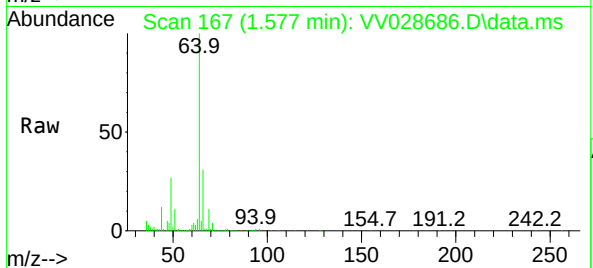
Tgt Ion: 94 Resp: 35952
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.3 119.3



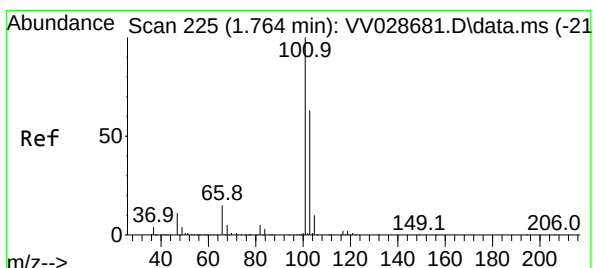
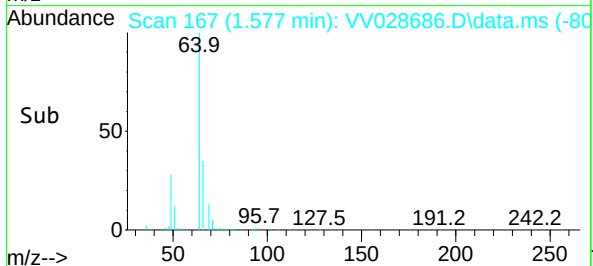
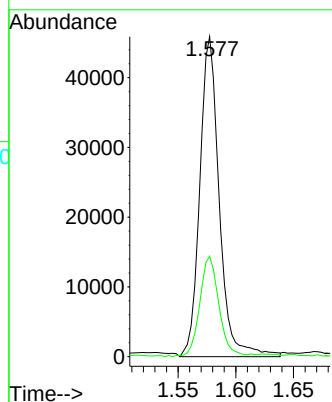


#8
Chloroethane
Concen: 5.051 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.019 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :

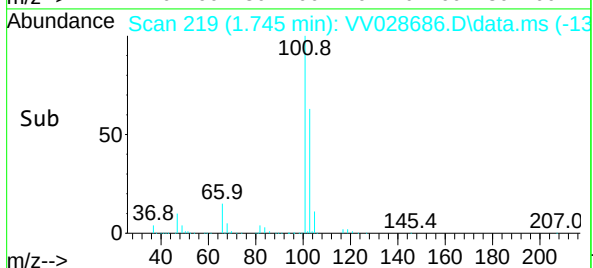
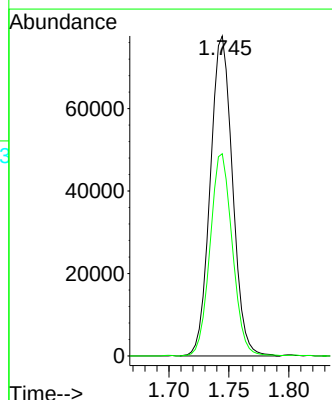
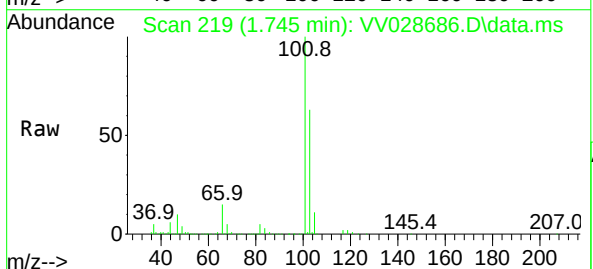


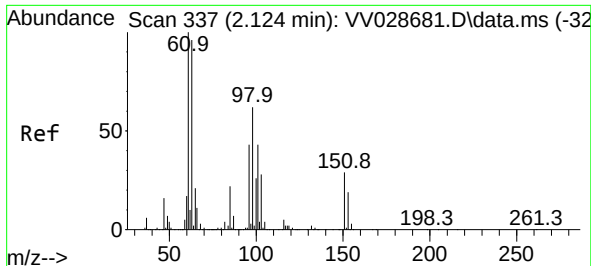
Tgt Ion: 64 Resp: 53766
Ion Ratio Lower Upper
64 100
66 31.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.797 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.019 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Tgt Ion: 101 Resp: 100083
Ion Ratio Lower Upper
101 100
103 63.3 51.0 76.6

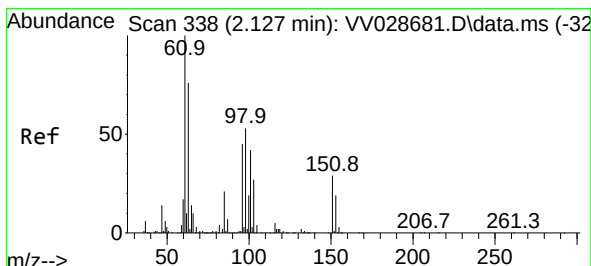
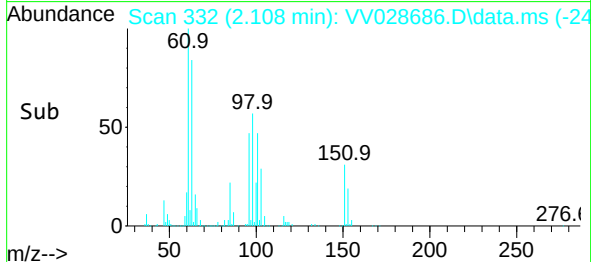
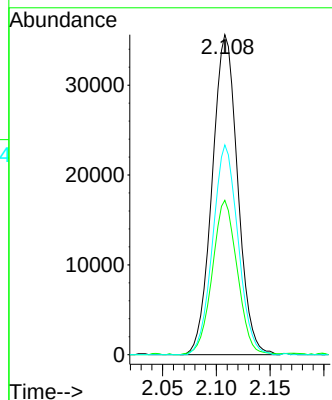
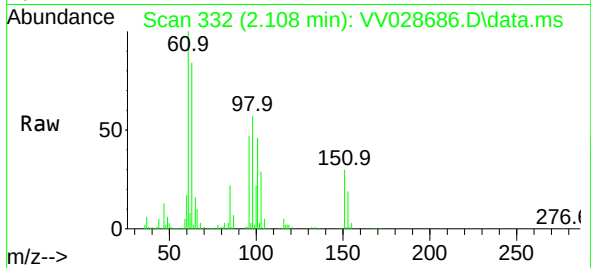




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.741 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VV028686.D
 Acq: 25 Oct 2022 14:22

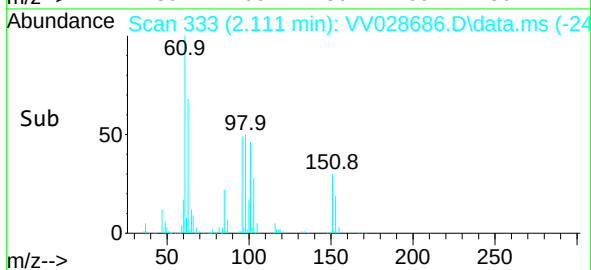
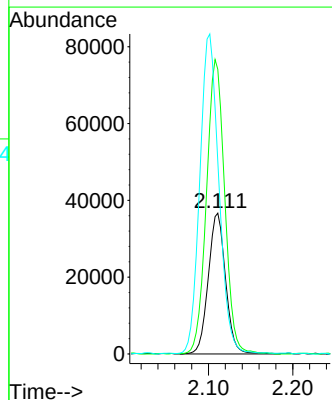
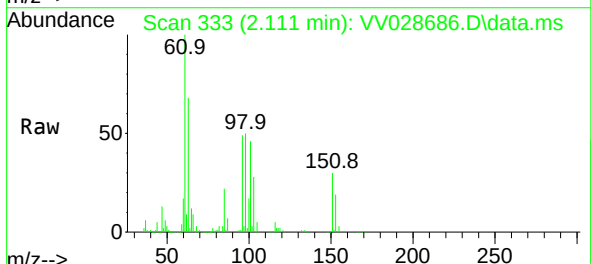
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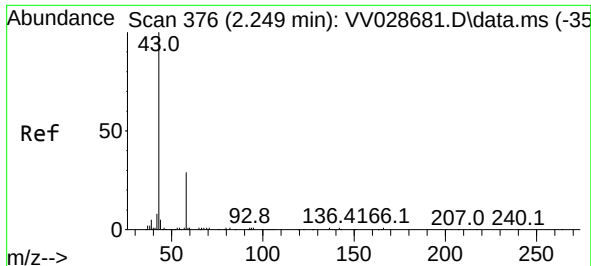
Tgt Ion:101 Resp: 58779
 Ion Ratio Lower Upper
 101 100
 85 47.4 37.0 55.6
 151 65.1 50.2 75.2



#12
 1,1-Dichloroethene
 Concen: 4.769 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.016 min
 Lab File: VV028686.D
 Acq: 25 Oct 2022 14:22

Tgt Ion: 96 Resp: 52459
 Ion Ratio Lower Upper
 96 100
 61 202.2 148.1 275.1
 63 136.8 133.3 247.7

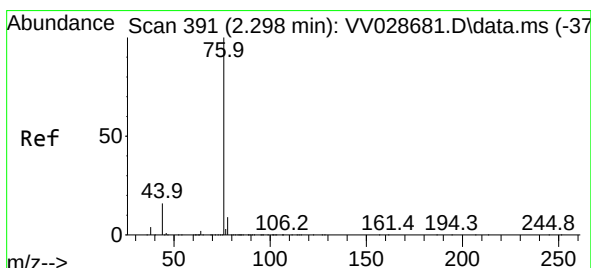
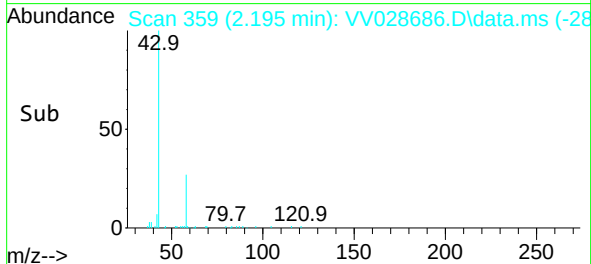
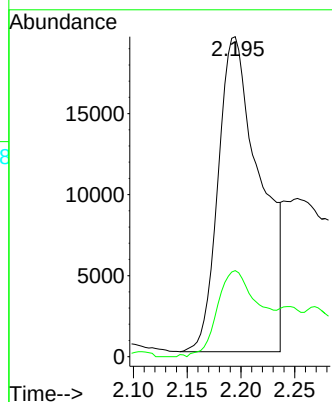
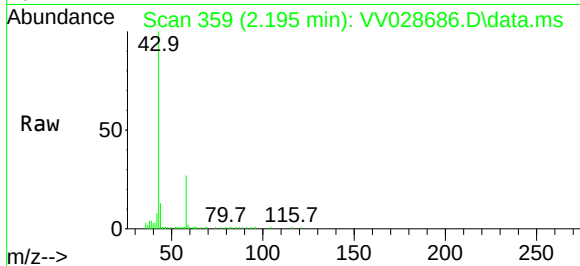




#13
Acetone
Concen: 28.063 ug/L
RT: 2.195 min Scan# 31
Delta R.T. -0.055 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

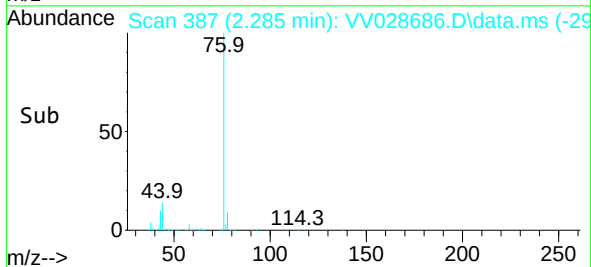
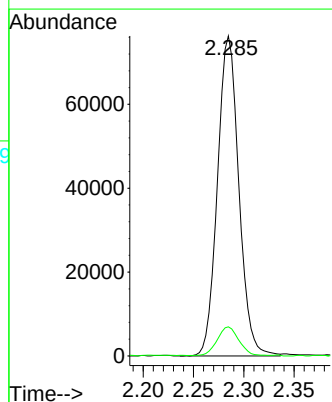
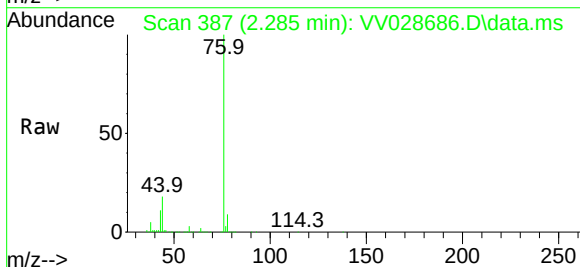
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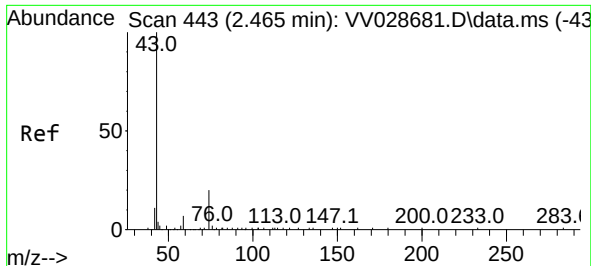
Tgt Ion: 43 Resp: 52868
Ion Ratio Lower Upper
43 100
58 28.3 0.0 50.2



#14
Carbon disulfide
Concen: 4.443 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.013 min
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Tgt Ion: 76 Resp: 112847
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

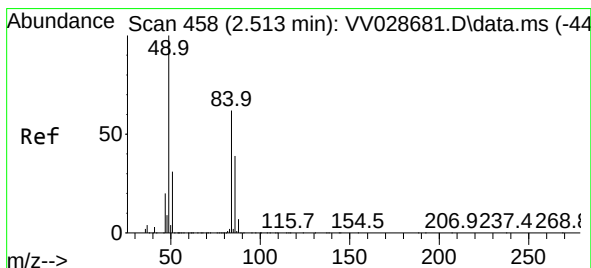
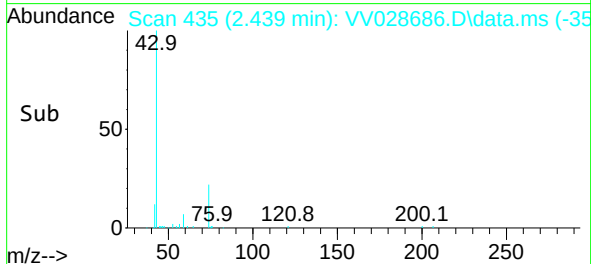
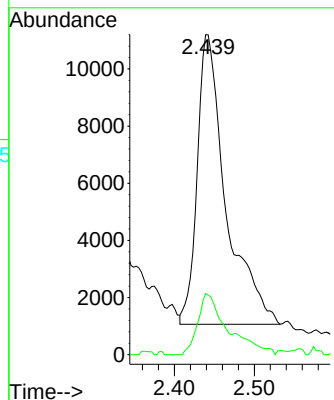
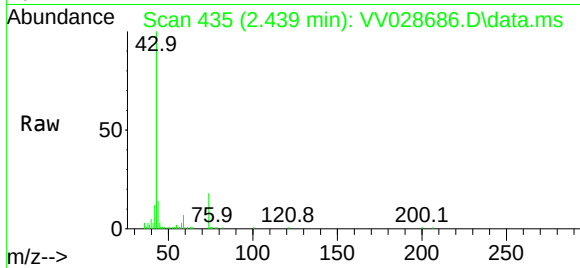




#15
Methyl Acetate
Concen: 4.439 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.026 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

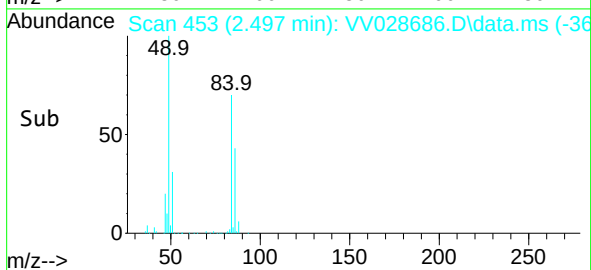
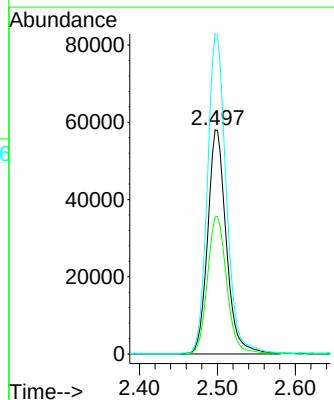
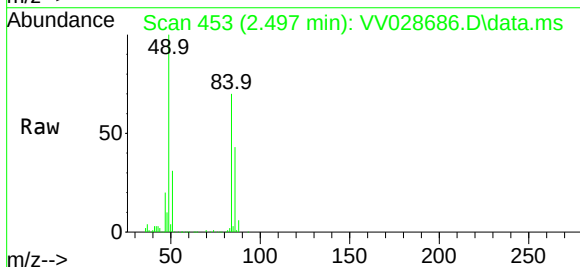
Instrument :
MSVOA_V
ClientSampleId :

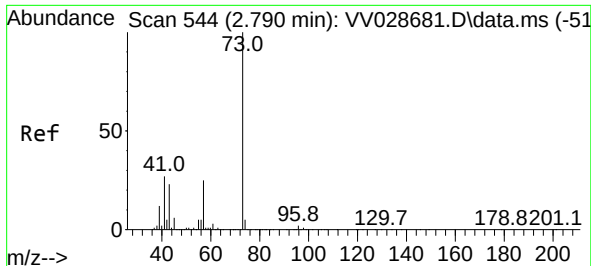
Tgt Ion: 43 Resp: 25374
Ion Ratio Lower Upper
43 100
74 22.1 14.9 22.3



#16
Methylene chloride
Concen: 6.359 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.016 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

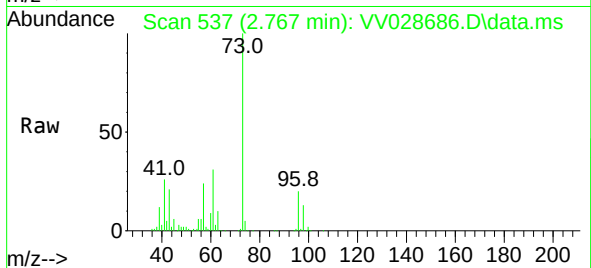
Tgt Ion: 84 Resp: 96469
Ion Ratio Lower Upper
84 100
86 61.2 44.4 82.4
49 142.8 110.8 205.8



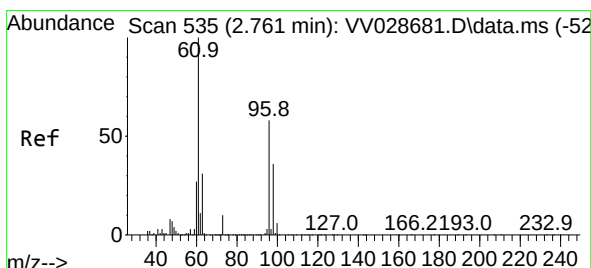
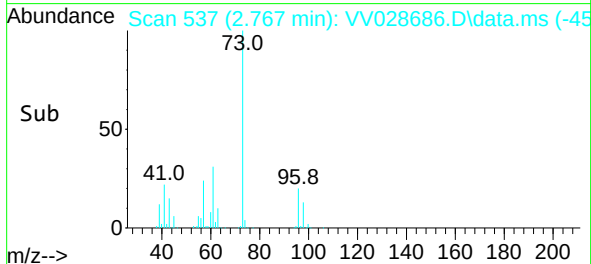
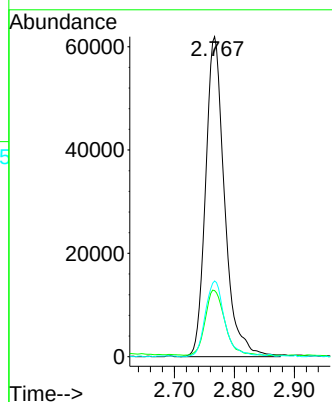


#17
Methyl tert-butyl Ether
Concen: 4.729 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.023 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :

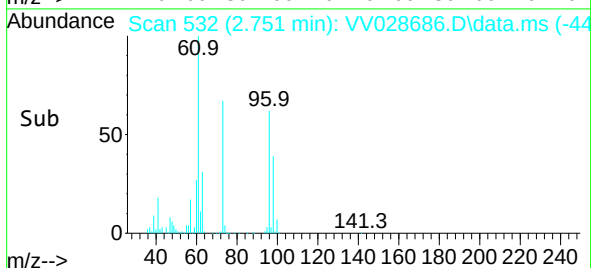
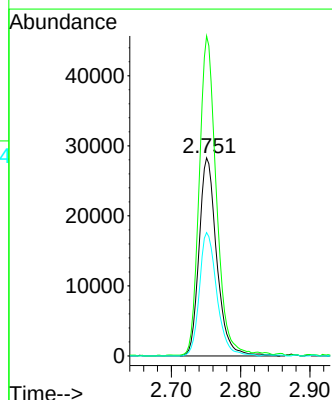
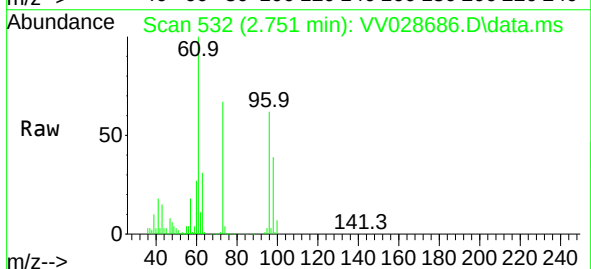


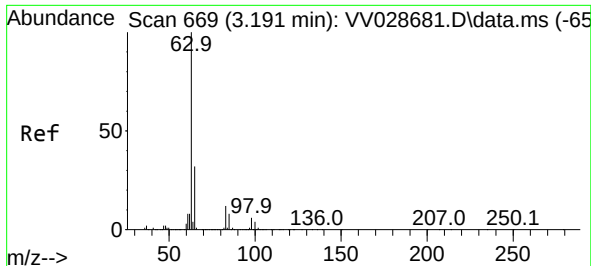
Tgt Ion: 73 Resp: 136450
Ion Ratio Lower Upper
73 100
43 21.1 18.0 27.0
57 24.1 20.0 30.0



#18
trans-1,2-Dichloroethene
Concen: 4.530 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.010 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Tgt Ion: 96 Resp: 50152
Ion Ratio Lower Upper
96 100
61 161.5 114.3 212.3
98 62.2 45.0 83.6





#19

1,1-Dichloroethane

Concen: 4.481 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.010 min

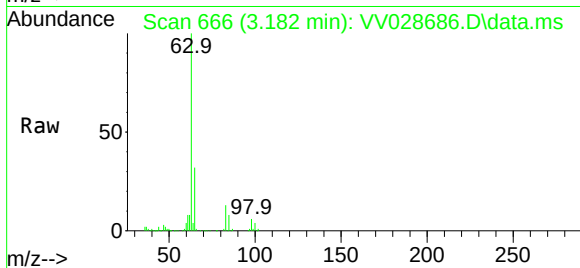
Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :



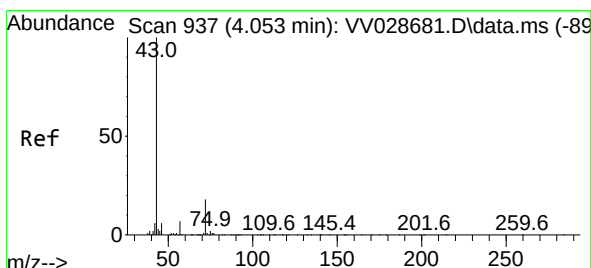
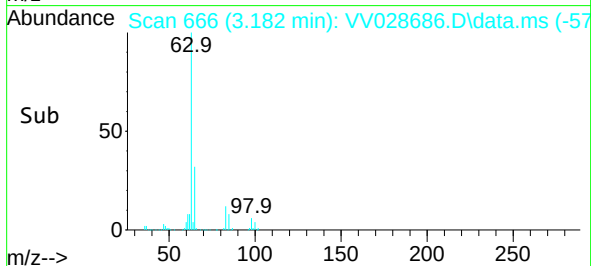
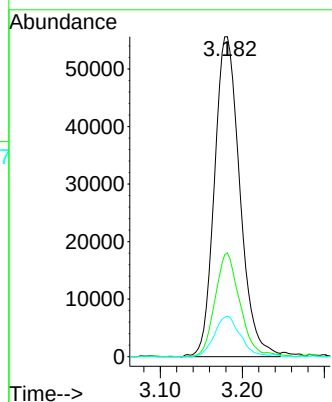
Tgt Ion: 63 Resp: 119723

Ion Ratio Lower Upper

63 100

65 33.3 23.1 42.9

83 12.6 7.9 14.7



#21

2-Butanone

Concen: 49.563 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.058 min

Lab File: VV028686.D

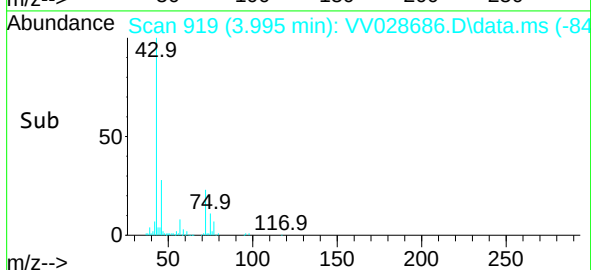
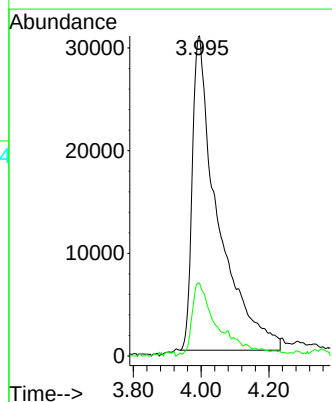
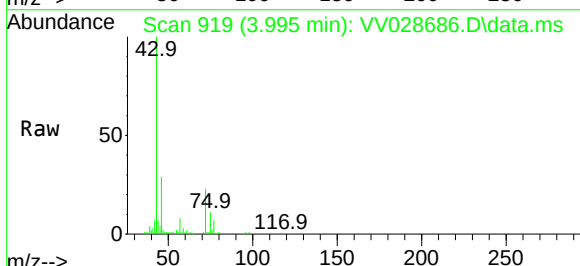
Acq: 25 Oct 2022 14:22

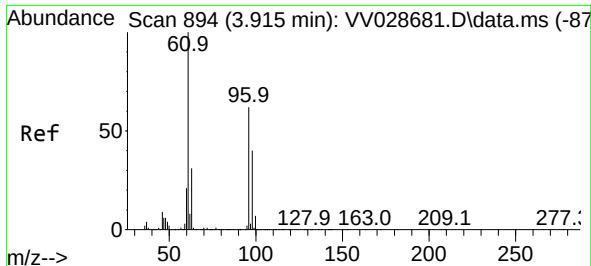
Tgt Ion: 43 Resp: 160476

Ion Ratio Lower Upper

43 100

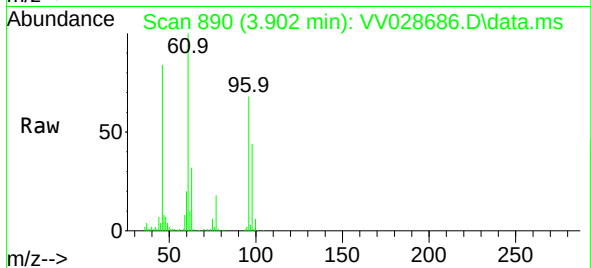
72 17.2 10.2 30.4



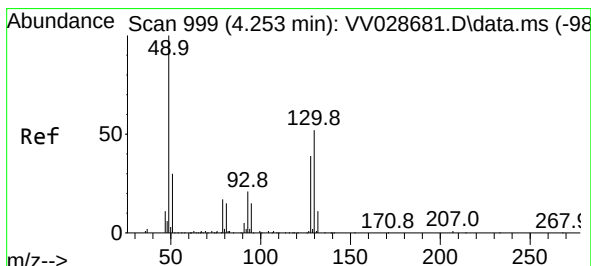
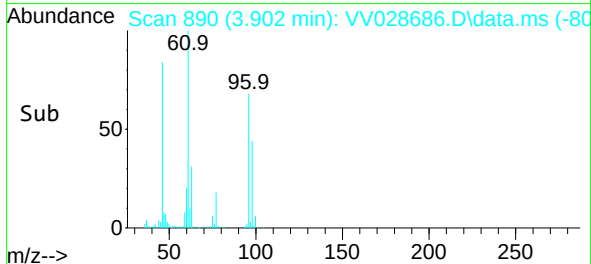
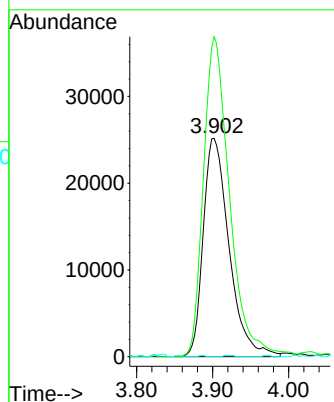


#22
 cis-1,2-Dichloroethene
 Concen: 4.479 ug/L
 RT: 3.902 min Scan# 894
 Delta R.T. -0.013 min
 Lab File: VV028686.D
 Acq: 25 Oct 2022 14:22

Instrument :
 MSVOA_V
 ClientSampleId :

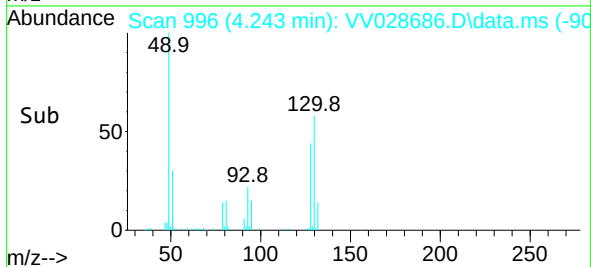
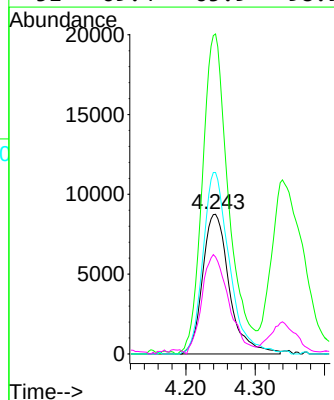
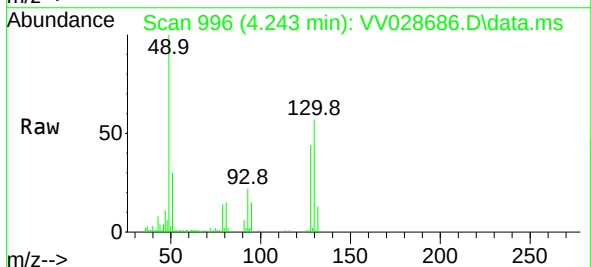


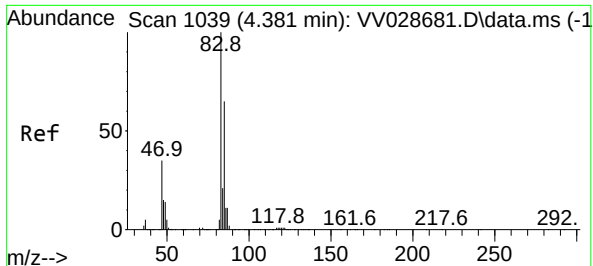
Tgt Ion: 96 Resp: 59451
 Ion Ratio Lower Upper
 96 100
 61 146.5 101.4 188.2
 68 0.0 0.5 0.9#



#23
 Bromochloromethane
 Concen: 4.738 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.010 min
 Lab File: VV028686.D
 Acq: 25 Oct 2022 14:22

Tgt Ion: 128 Resp: 23505
 Ion Ratio Lower Upper
 128 100
 49 229.0 171.1 317.7
 130 129.9 86.4 160.4
 51 69.4 65.9 98.9





#25

Chloroform

Concen: 4.605 ug/L

RT: 4.365 min Scan# 119702

Delta R.T. -0.016 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

Instrument :

MSVOA_V

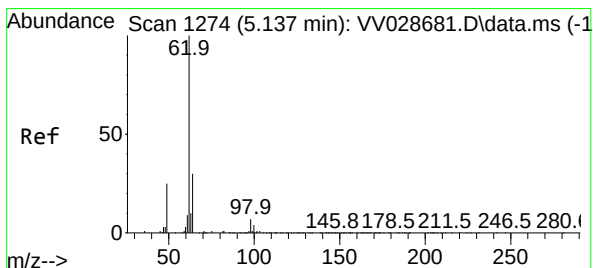
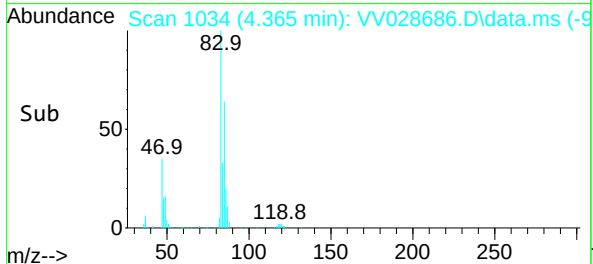
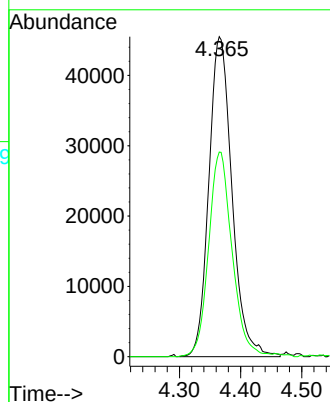
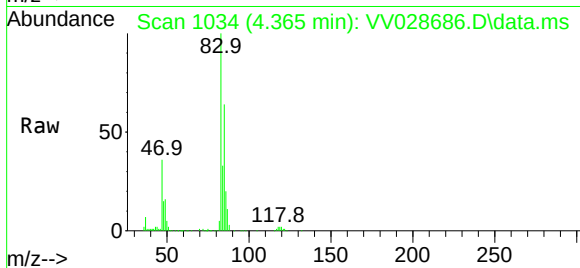
ClientSampleId :

Tgt Ion: 83 Resp: 119702

Ion Ratio Lower Upper

83 100

85 63.9 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.448 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.010 min

Lab File: VV028686.D

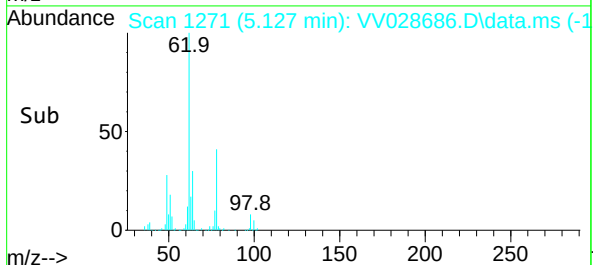
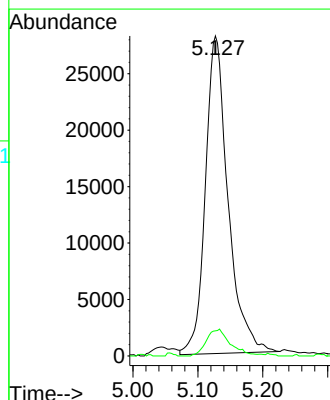
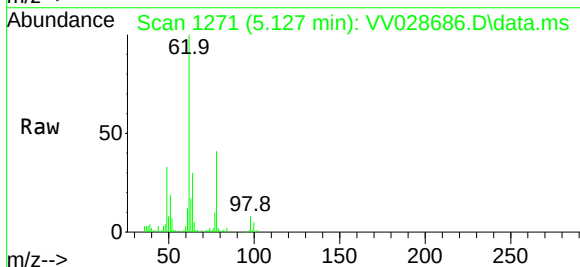
Acq: 25 Oct 2022 14:22

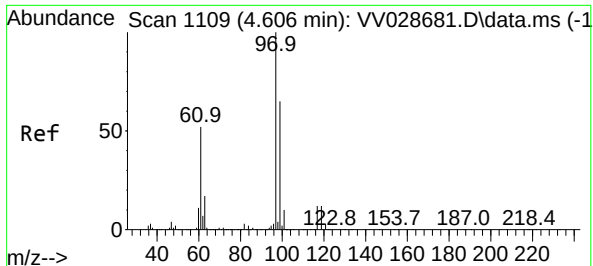
Tgt Ion: 62 Resp: 68314

Ion Ratio Lower Upper

62 100

98 7.8 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 3.835 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.010 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

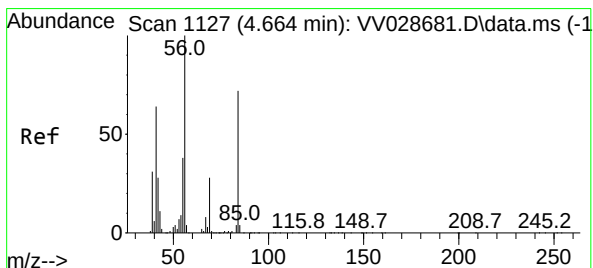
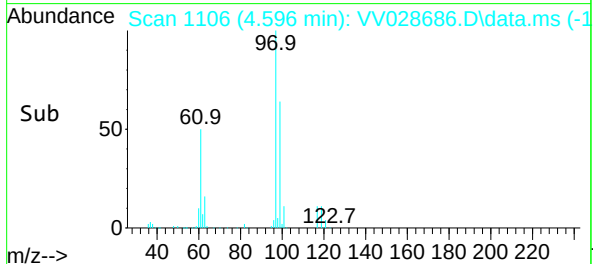
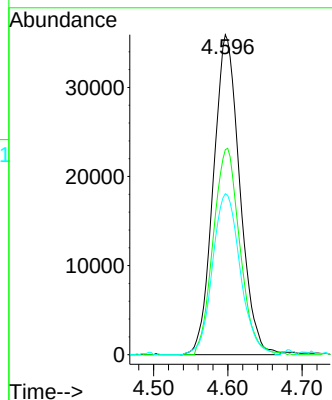
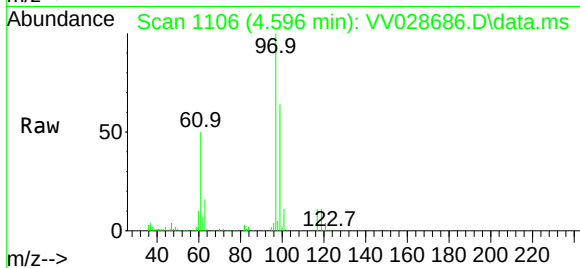
Tgt Ion: 97 Resp: 88627

Ion Ratio Lower Upper

97 100

99 65.2 50.5 75.7

61 52.9 43.1 64.7



#30

Cyclohexane

Concen: 3.773 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

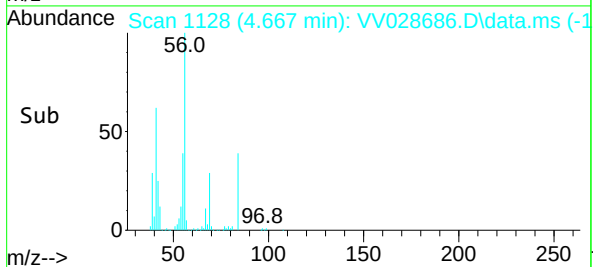
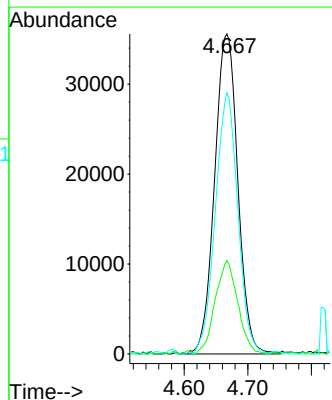
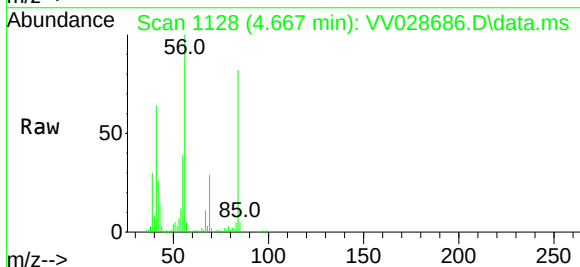
Tgt Ion: 56 Resp: 90353

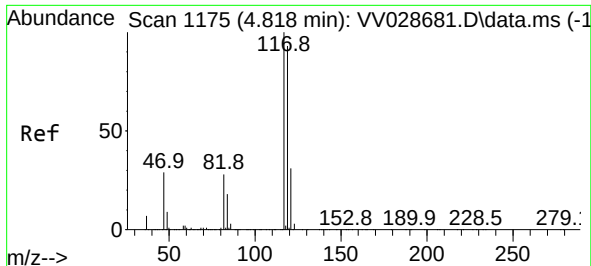
Ion Ratio Lower Upper

56 100

69 28.4 22.6 34.0

84 79.1 60.4 90.6

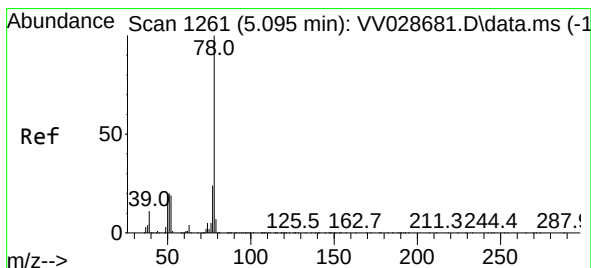
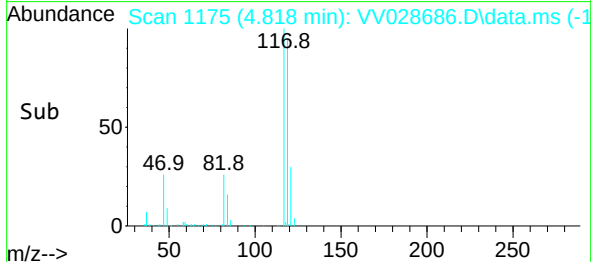
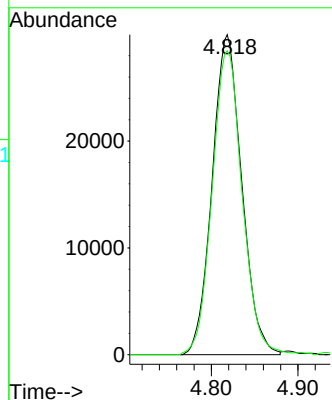
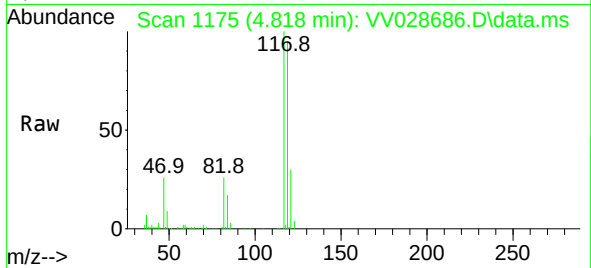




#31
Carbon tetrachloride
Concen: 3.829 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

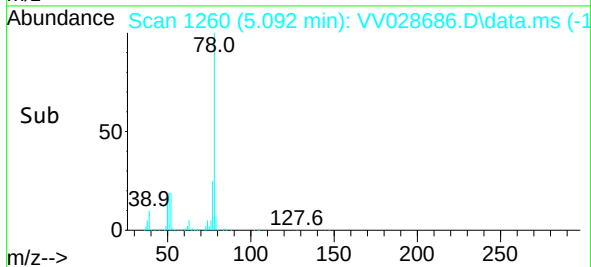
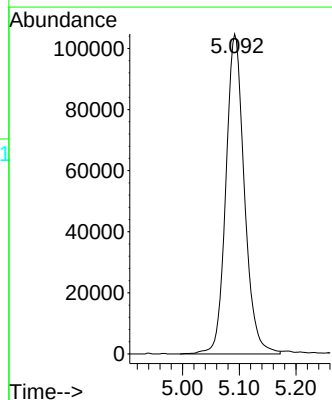
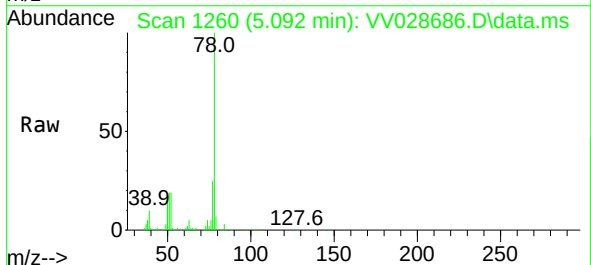
Instrument : MSVOA_V
ClientSampleId :

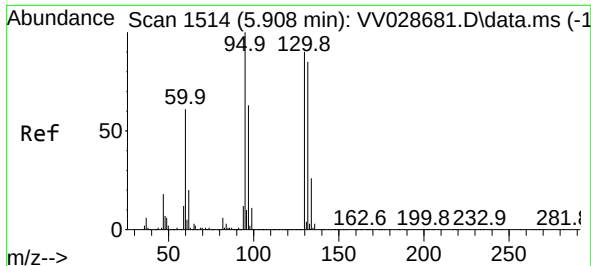
Tgt Ion:117 Resp: 71081
Ion Ratio Lower Upper
117 100
119 96.4 76.1 114.1



#33
Benzene
Concen: 4.137 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Tgt Ion: 78 Resp: 237550





#34

Trichloroethene

Concen: 4.135 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.000 min

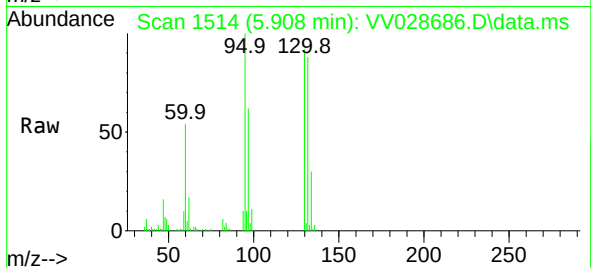
Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 58822

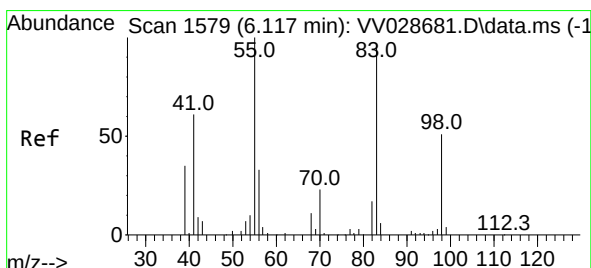
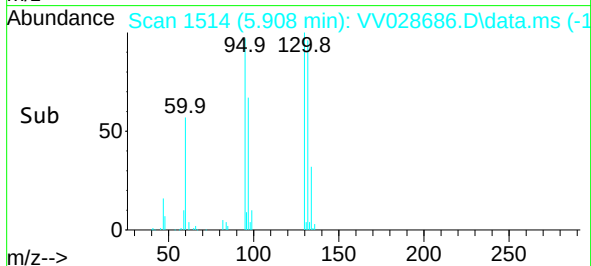
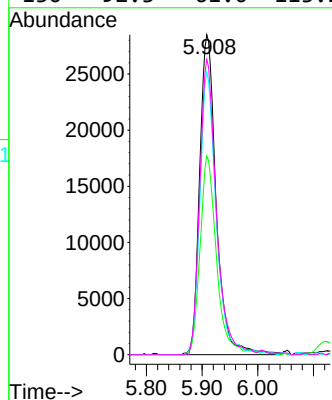
Ion Ratio Lower Upper

95 100

97 62.0 43.5 80.9

132 88.3 56.5 104.9

130 92.3 61.0 113.2



#35

Methylcyclohexane

Concen: 4.494 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.006 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

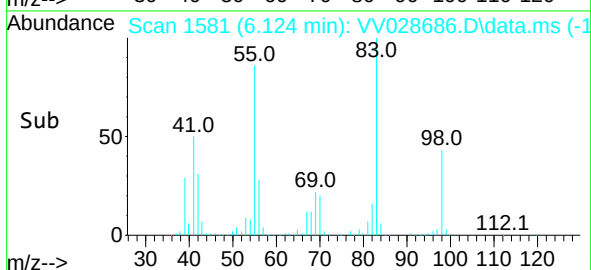
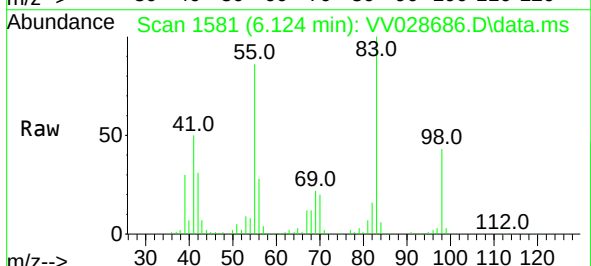
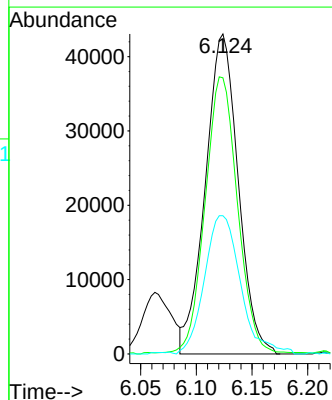
Tgt Ion: 83 Resp: 88321

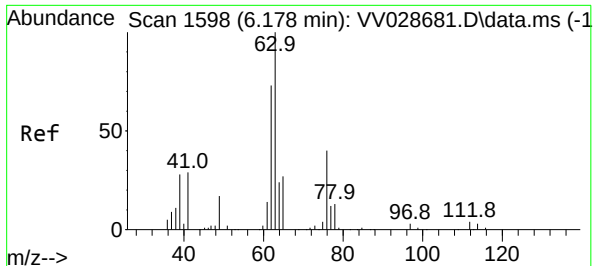
Ion Ratio Lower Upper

83 100

55 84.7 70.0 105.0

98 47.4 35.6 53.4





#37

1,2-Dichloropropane

Concen: 4.421 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.010 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

Instrument :

MSVOA_V

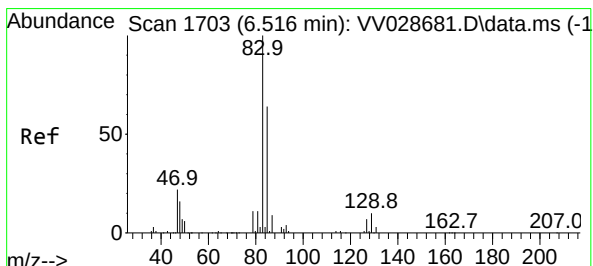
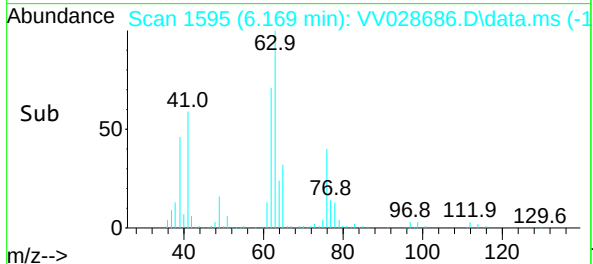
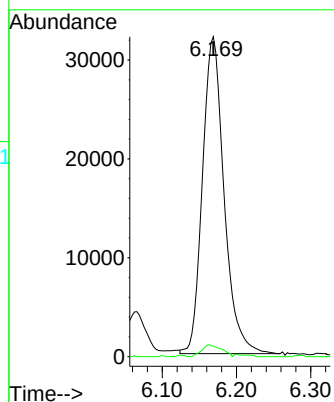
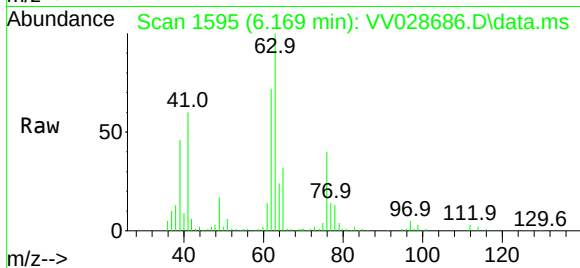
ClientSampleId :

Tgt Ion: 63 Resp: 64870

Ion Ratio Lower Upper

63 100

112 3.4 3.4 5.2#



#38

Bromodichloromethane

Concen: 4.471 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.013 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

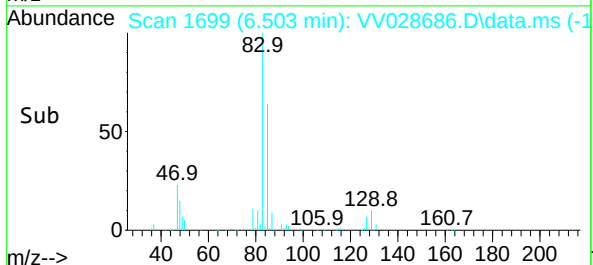
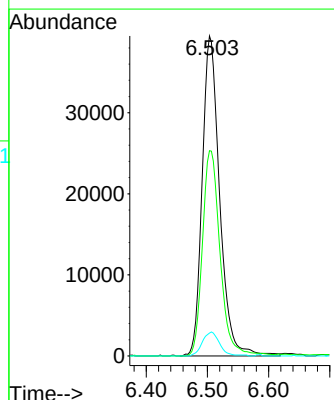
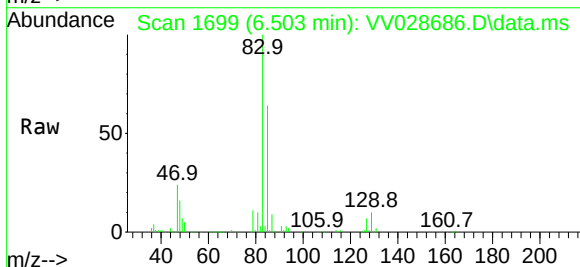
Tgt Ion: 83 Resp: 78443

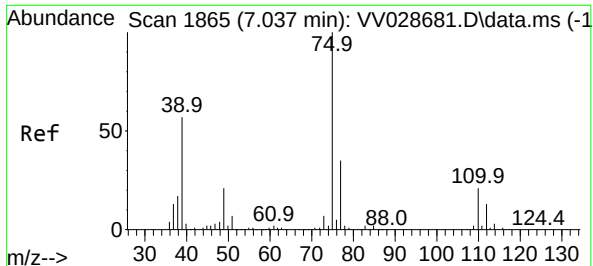
Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.9

127 7.2 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 4.709 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.013 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

Instrument :

MSVOA_V

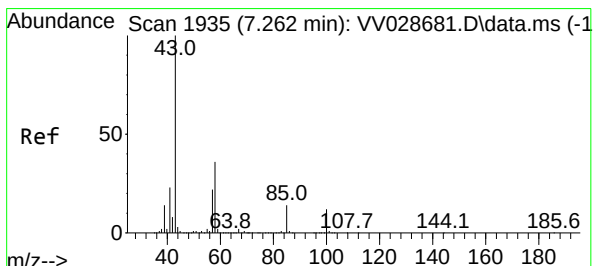
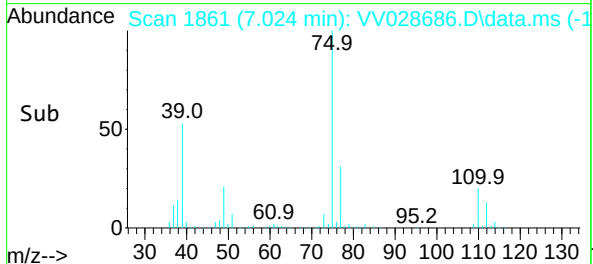
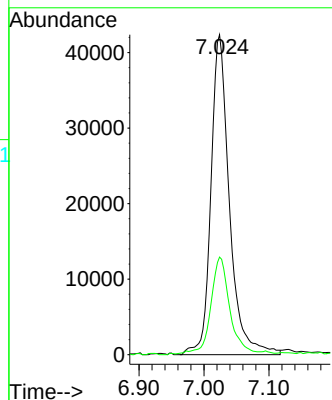
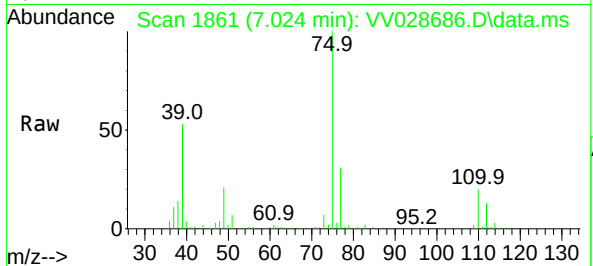
ClientSampleId :

Tgt Ion: 75 Resp: 83748

Ion Ratio Lower Upper

75 100

77 30.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 49.141 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.035 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

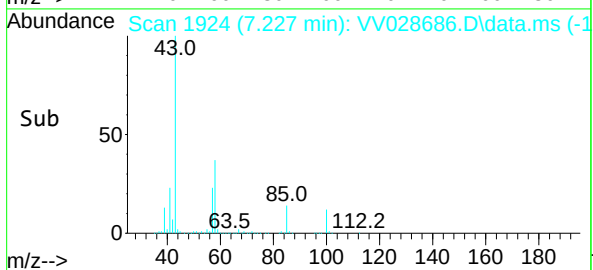
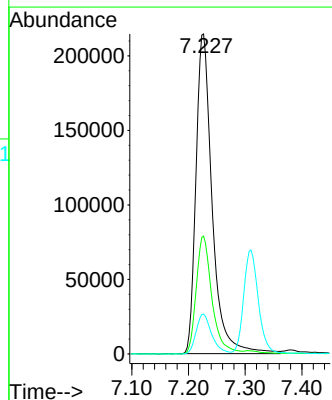
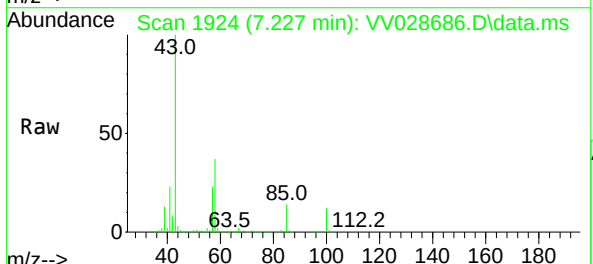
Tgt Ion: 43 Resp: 426898

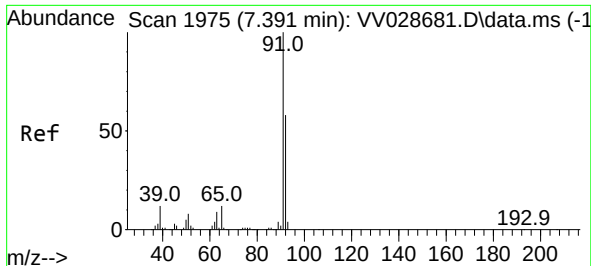
Ion Ratio Lower Upper

43 100

58 35.7 29.6 44.4

100 12.0 9.4 14.0

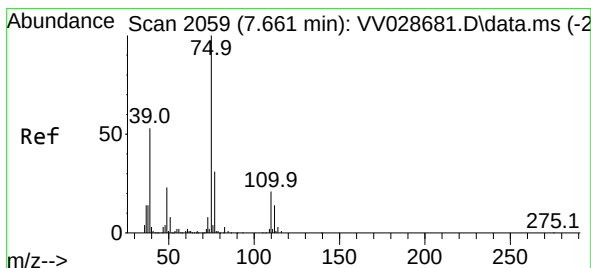
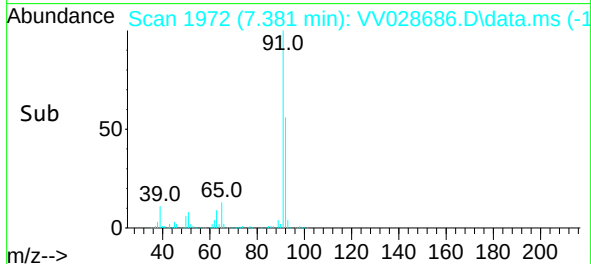
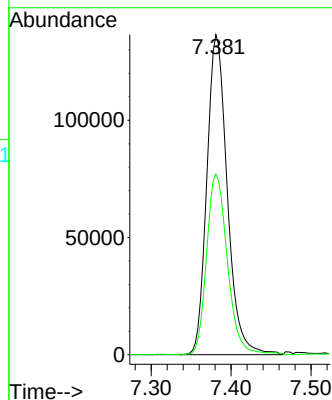
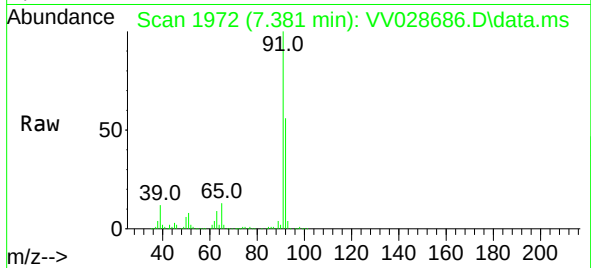




#42
Toluene
Concen: 4.455 ug/L
RT: 7.381 min Scan# 1975
Delta R.T. -0.010 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

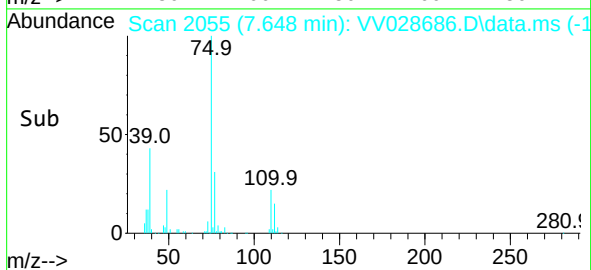
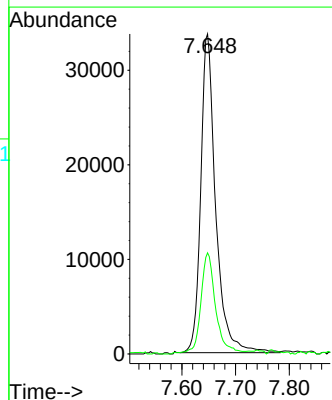
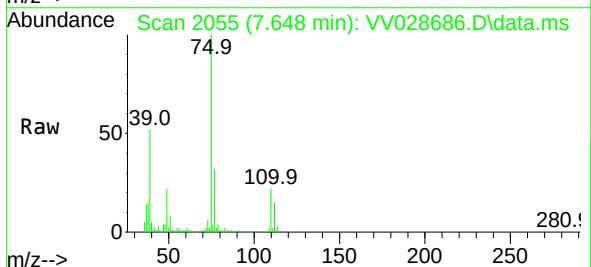
Instrument :
MSVOA_V
ClientSampleId :

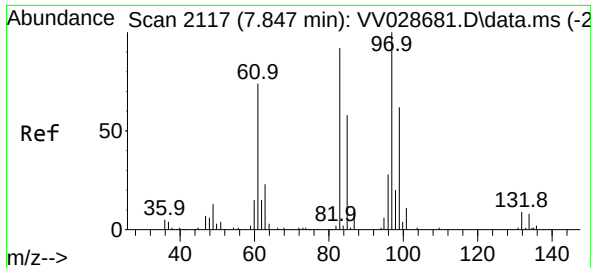
Tgt Ion: 91 Resp: 242587
Ion Ratio Lower Upper
91 100
92 56.4 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 4.527 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.013 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

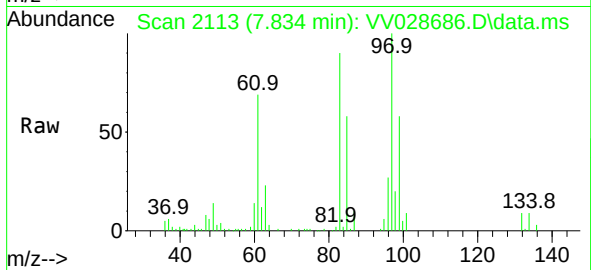
Tgt Ion: 75 Resp: 64897
Ion Ratio Lower Upper
75 100
77 31.6 22.6 42.0



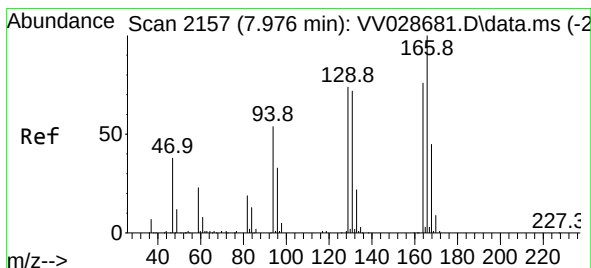
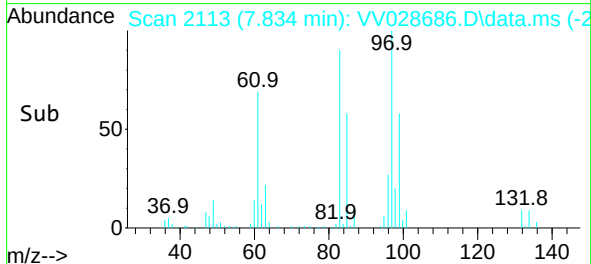
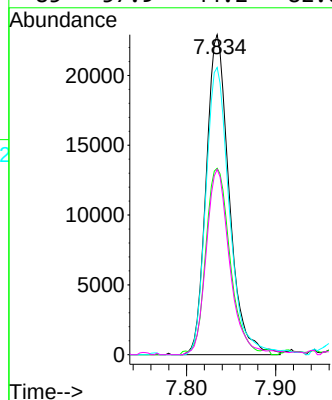


#45
1,1,2-Trichloroethane
Concen: 4.550 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.013 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :

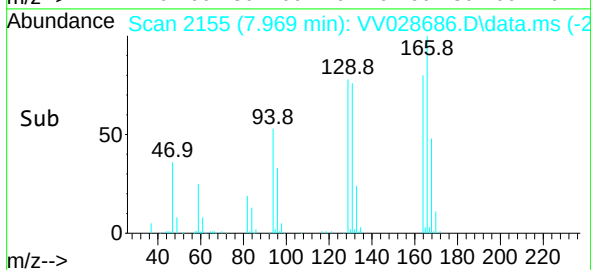
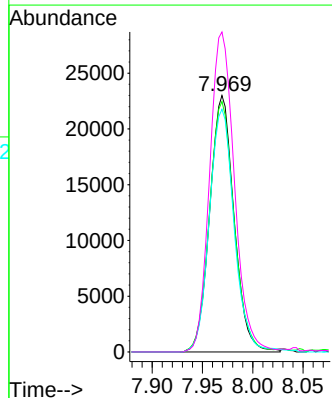
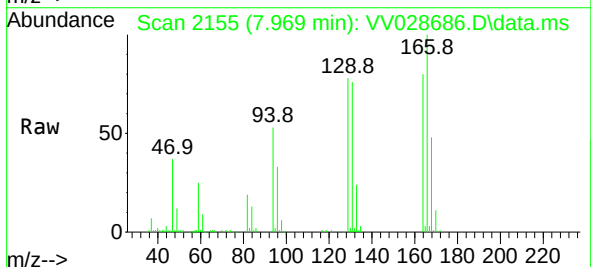


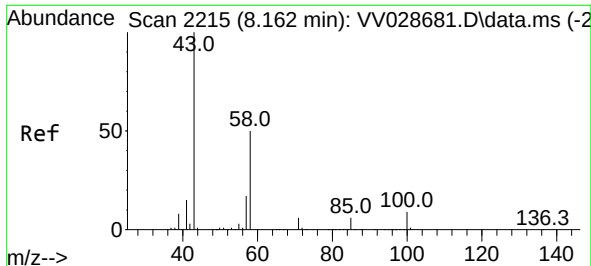
Tgt Ion:	97	Resp:	41029
Ion	Ratio	Lower	Upper
97	100		
99	58.2	44.0	81.6
83	89.8	66.2	123.0
85	57.9	44.2	82.0



#47
Tetrachloroethene
Concen: 4.409 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.006 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Tgt Ion:	164	Resp:	38502
Ion	Ratio	Lower	Upper
164	100		
129	97.6	69.2	128.6
131	94.6	64.2	119.2
166	124.8	87.3	162.1

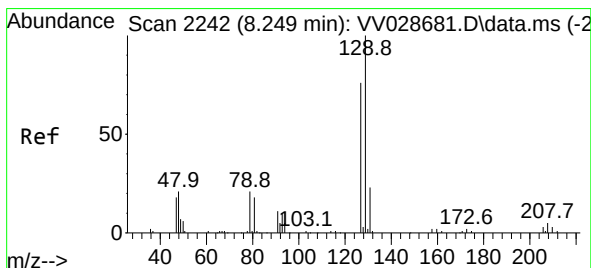
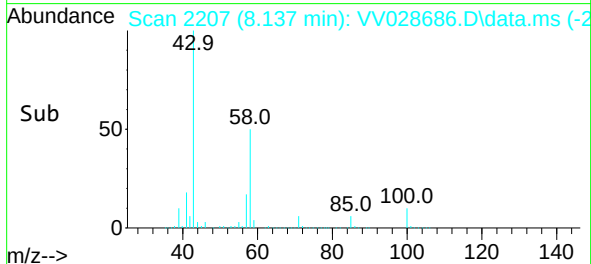
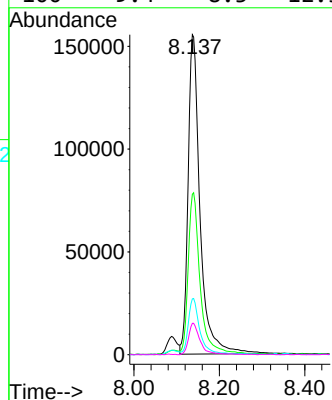
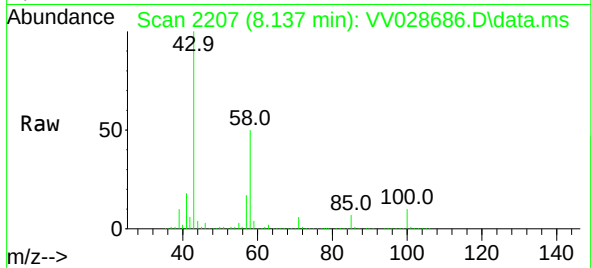




#48
2-Hexanone
Concen: 49.150 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.026 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

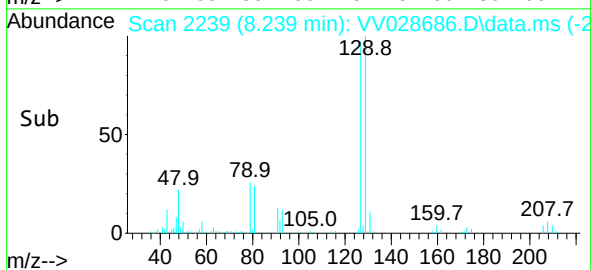
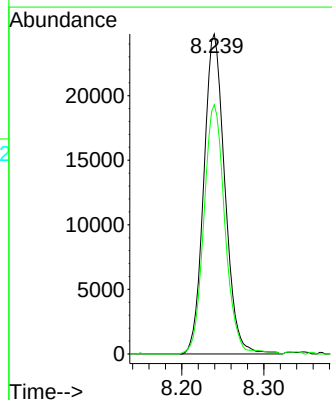
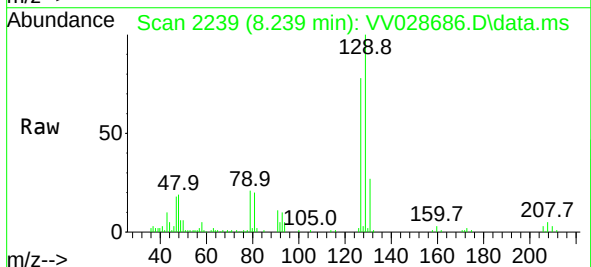
Instrument :
MSVOA_V
ClientSampleId :

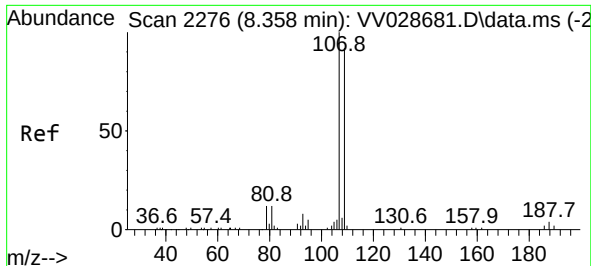
Tgt Ion: 43 Resp: 302110
Ion Ratio Lower Upper
43 100
58 48.8 40.6 60.8
57 16.5 13.8 20.8
100 9.4 8.3 12.5



#49
Dibromochloromethane
Concen: 4.681 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.010 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Tgt Ion: 129 Resp: 44220
Ion Ratio Lower Upper
129 100
127 77.9 51.6 95.8





#50

1,2-Dibromoethane

Concen: 4.412 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.010 min

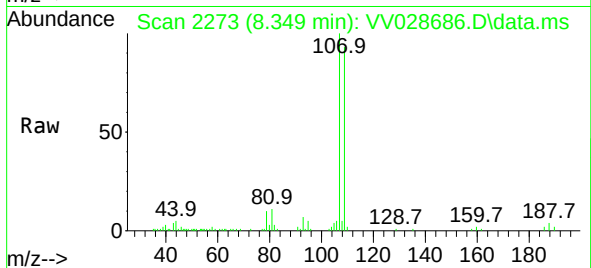
Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :



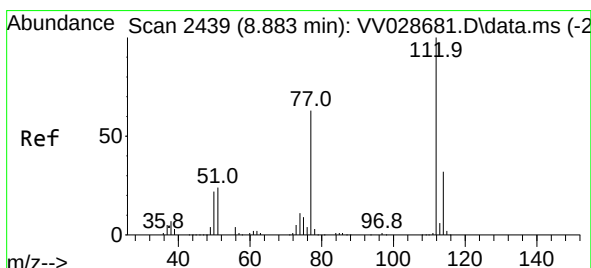
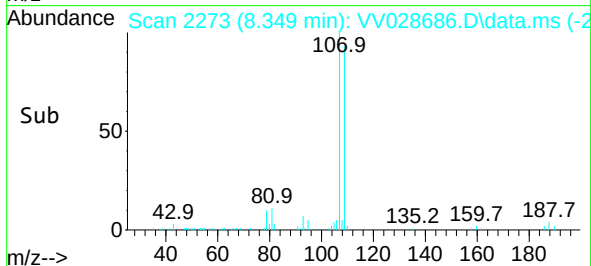
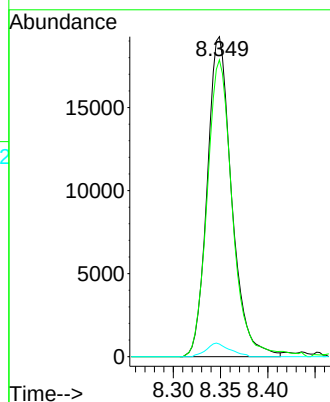
Tgt Ion:107 Resp: 34637

Ion Ratio Lower Upper

107 100

109 92.7 64.0 118.8

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 4.419 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.007 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

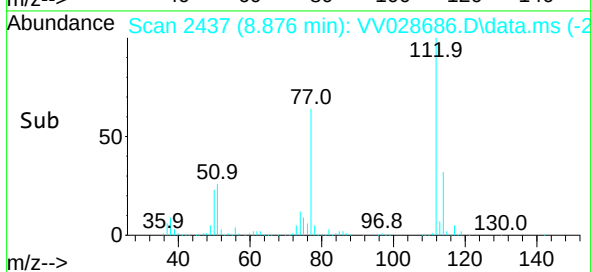
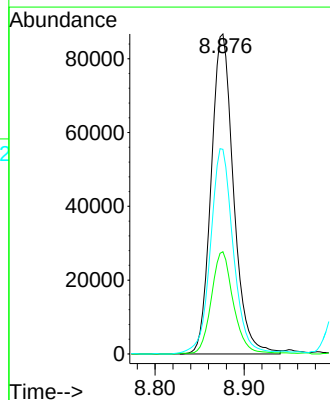
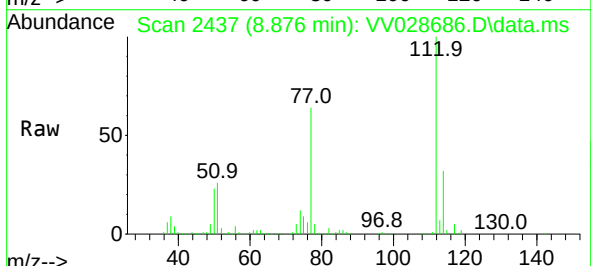
Tgt Ion:112 Resp: 151525

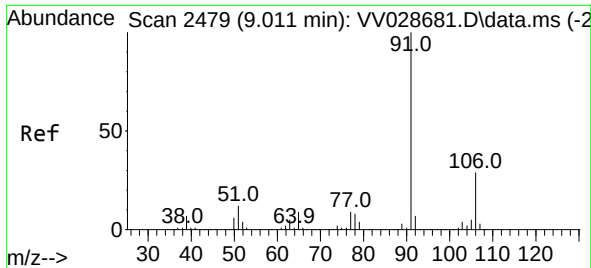
Ion Ratio Lower Upper

112 100

114 32.0 22.0 41.0

77 64.0 50.0 75.0

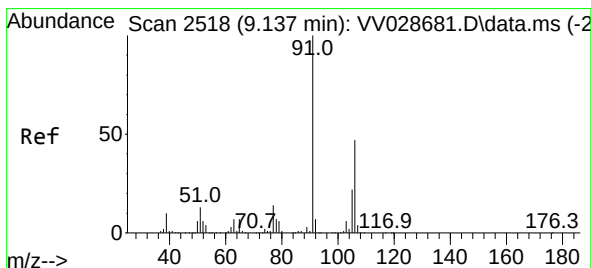
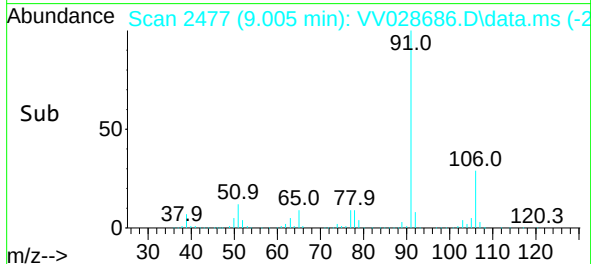
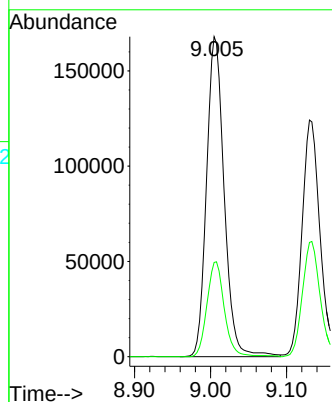
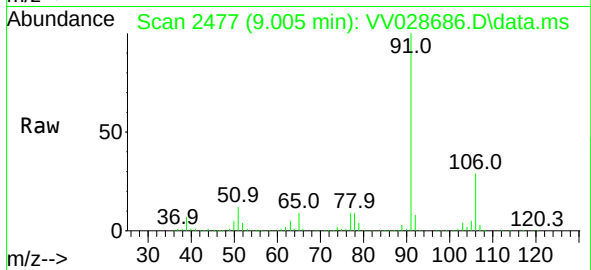




#52
Ethylbenzene
Concen: 4.467 ug/L
RT: 9.005 min Scan# 2479
Delta R.T. -0.006 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

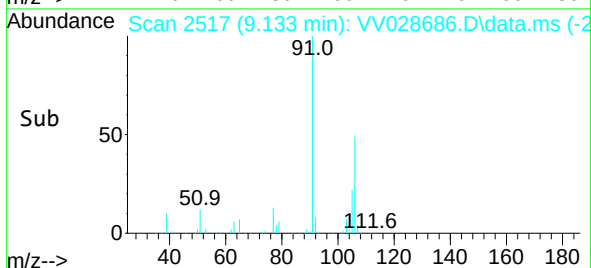
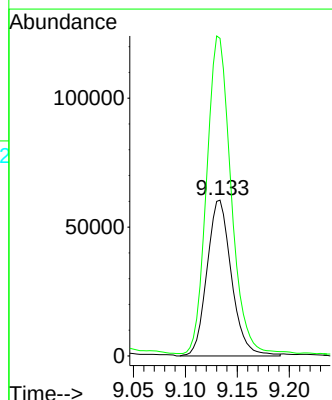
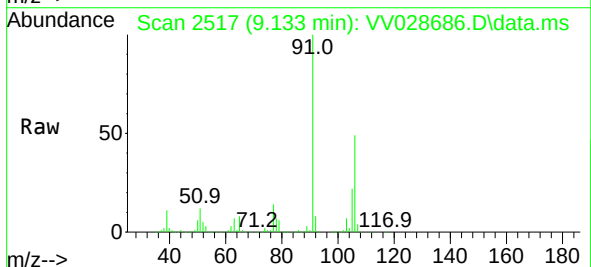
Instrument :
MSVOA_V
ClientSampleId :

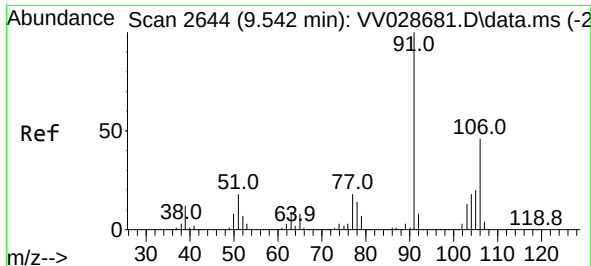
Tgt Ion: 91 Resp: 270297
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.6



#53
m,p-Xylene
Concen: 4.533 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Tgt Ion: 106 Resp: 99049
Ion Ratio Lower Upper
106 100
91 203.7 145.5 270.1

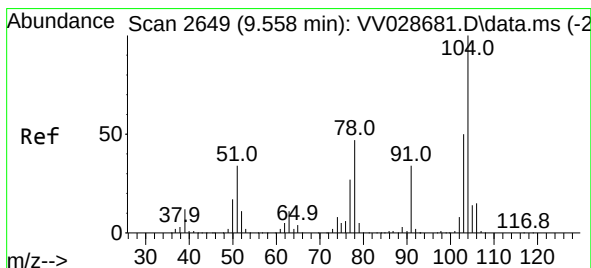
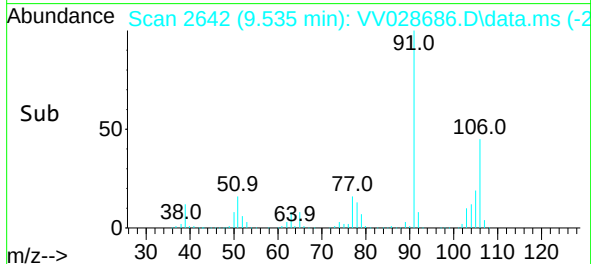
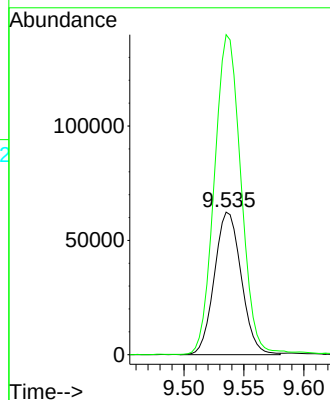
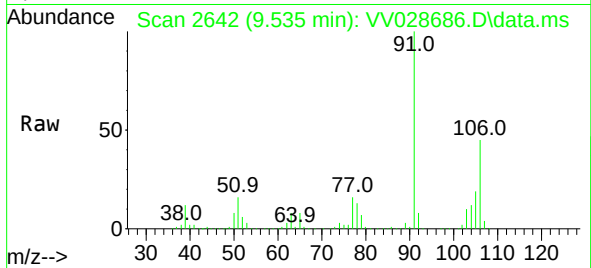




#54
o-Xylene
Concen: 4.418 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.007 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

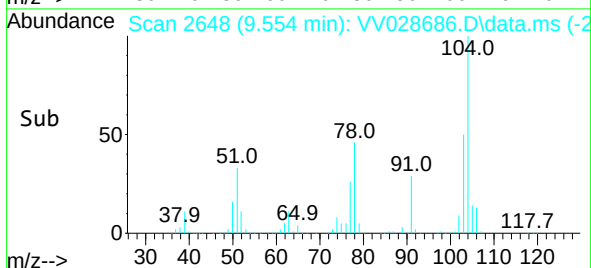
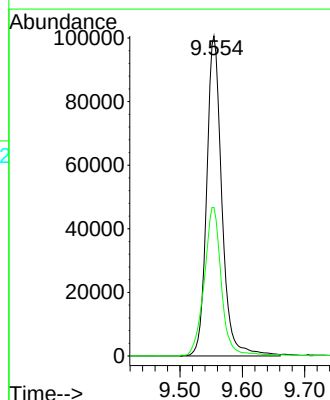
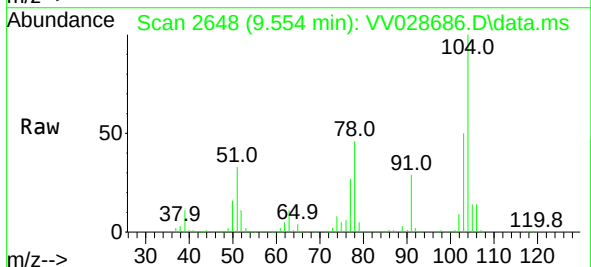
Instrument :
MSVOA_V
ClientSampleId :

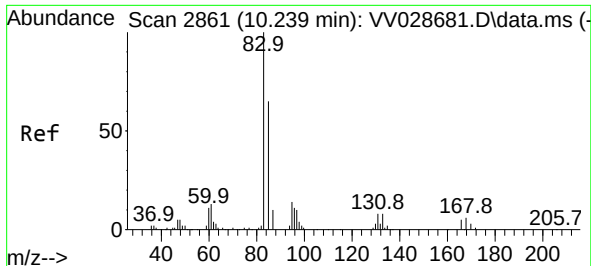
Tgt Ion:106 Resp: 97105
Ion Ratio Lower Upper
106 100
91 224.4 159.0 295.4



#55
Styrene
Concen: 4.603 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Tgt Ion:104 Resp: 170592
Ion Ratio Lower Upper
104 100
78 46.4 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.611 ug/L

RT: 10.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VV028686.D

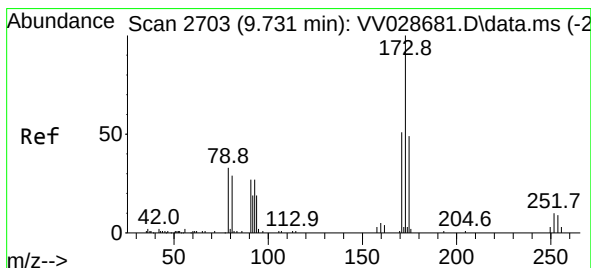
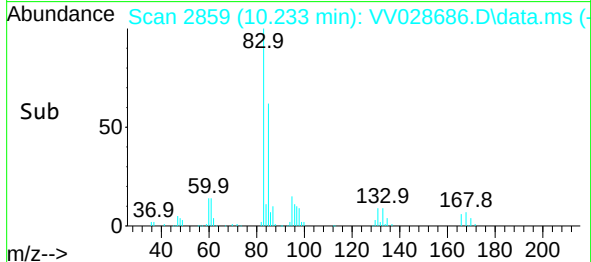
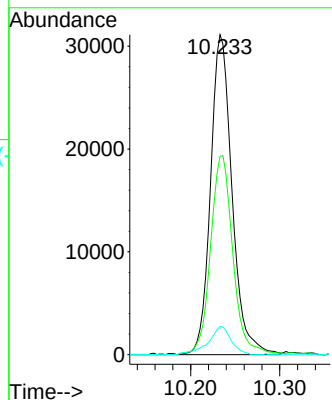
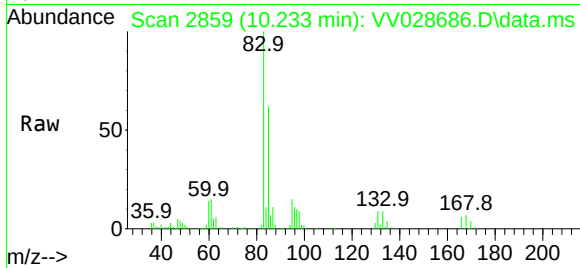
Acq: 25 Oct 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	52155
Ion	Ratio	Lower	Upper
83	100		
85	62.0	43.0	80.0
131	8.8	6.5	9.7



#59

Bromoform

Concen: 4.515 ug/L

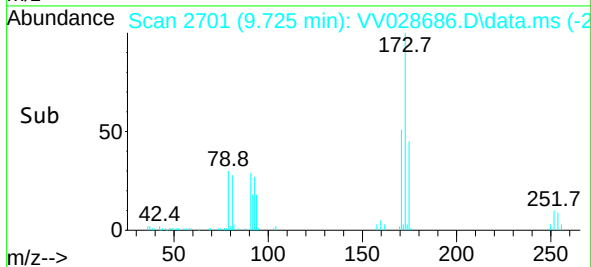
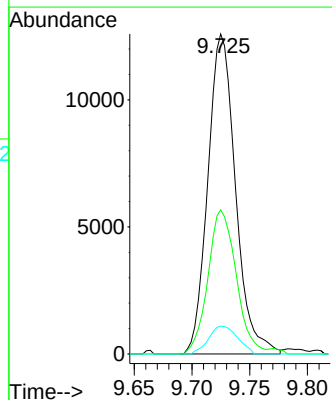
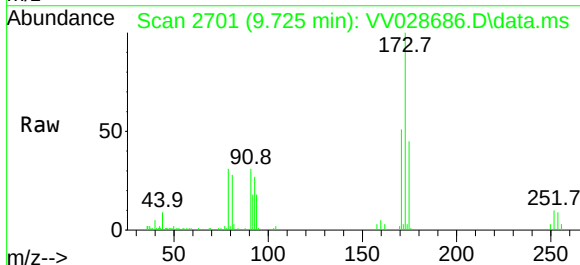
RT: 9.725 min Scan# 2701

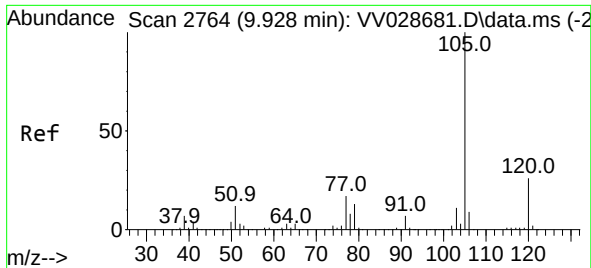
Delta R.T. -0.007 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

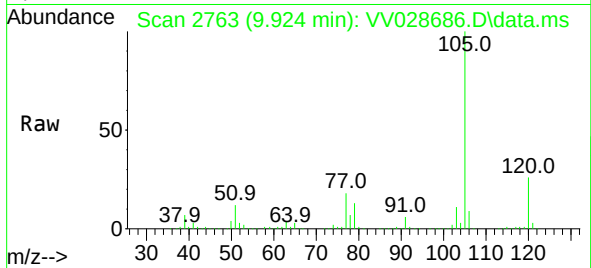
Tgt Ion:	173	Resp:	20974
Ion	Ratio	Lower	Upper
173	100		
175	46.0	39.8	59.8
254	9.1	7.3	10.9



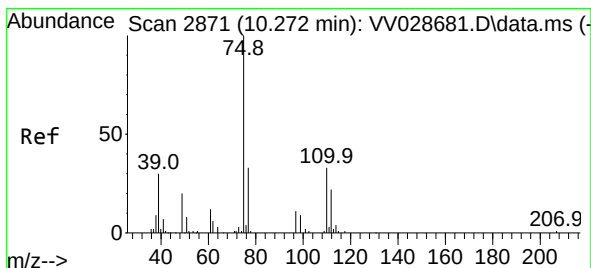
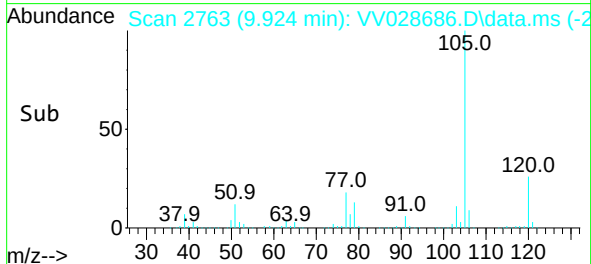
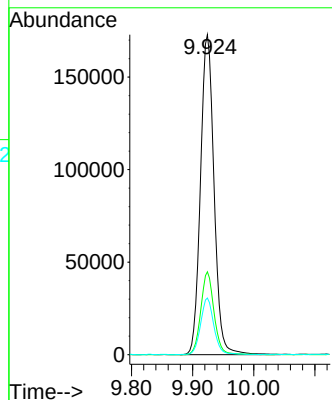


#60
Isopropylbenzene
Concen: 4.480 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :

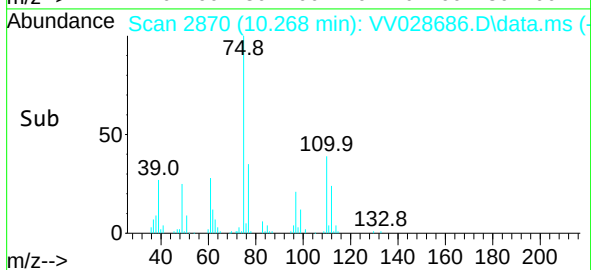
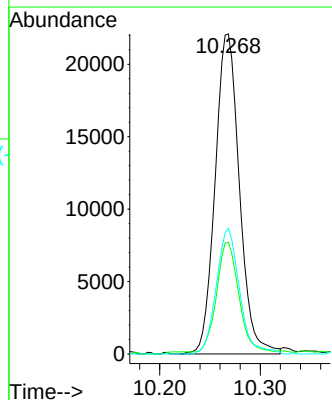
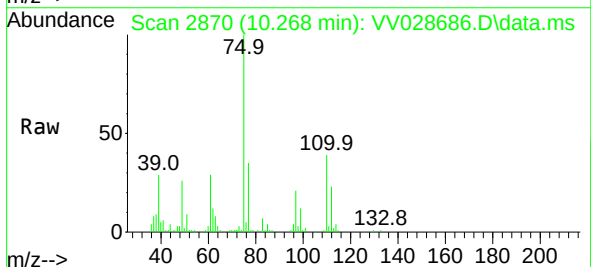


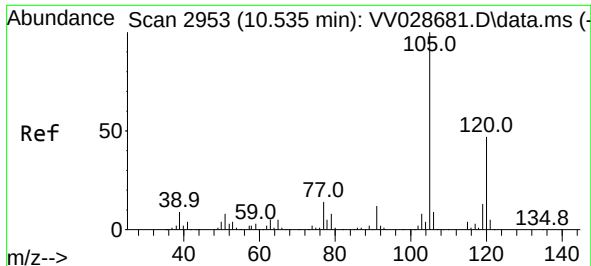
Tgt Ion:105 Resp: 266723
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 17.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 4.572 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Tgt Ion: 75 Resp: 37137
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
110 37.4 27.9 41.9

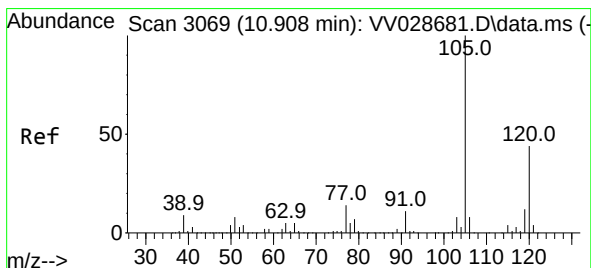
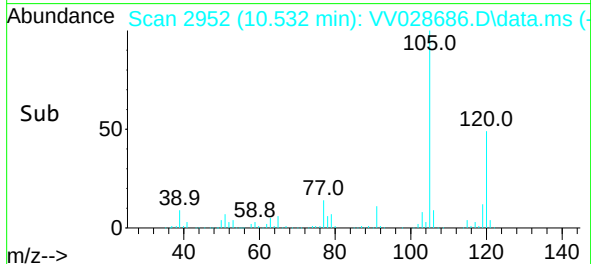
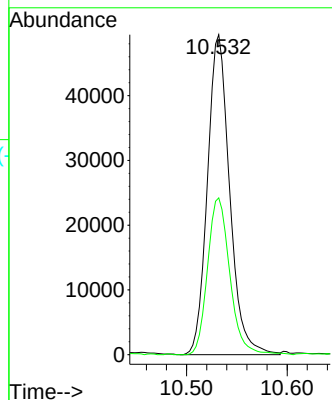
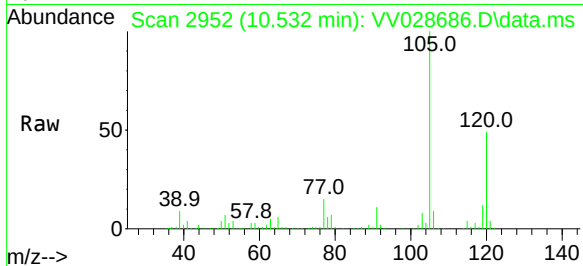




#62
1,3,5-Trimethylbenzene
Concen: 4.371 ug/L
RT: 10.532 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

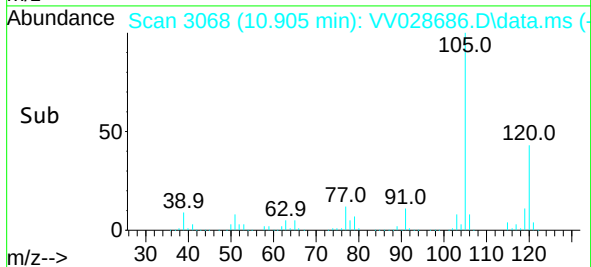
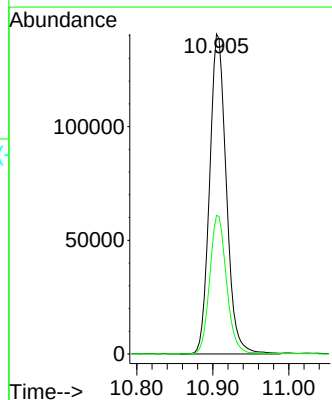
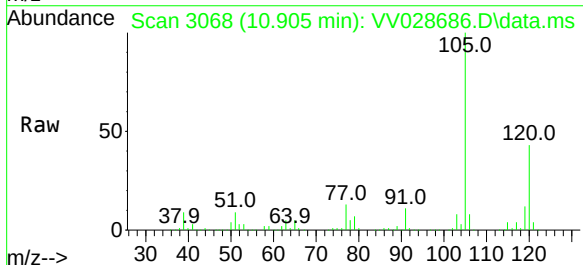
Instrument :
MSVOA_V
ClientSampleId :

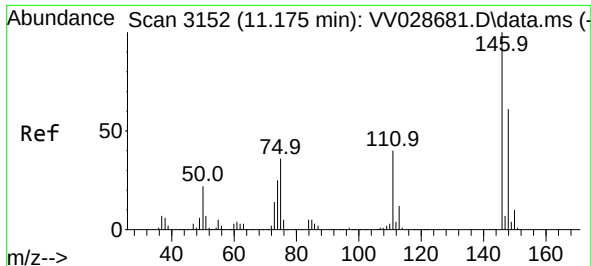
Tgt Ion:105 Resp: 75907
Ion Ratio Lower Upper
105 100
120 49.2 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.469 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.003 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Tgt Ion:105 Resp: 214937
Ion Ratio Lower Upper
105 100
120 43.8 36.2 54.2

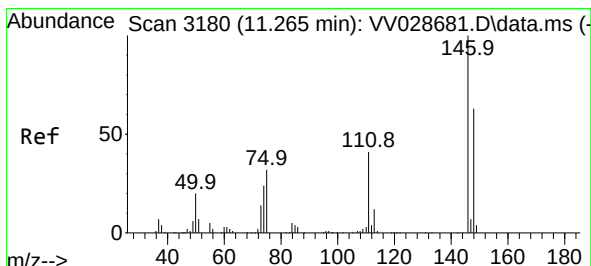
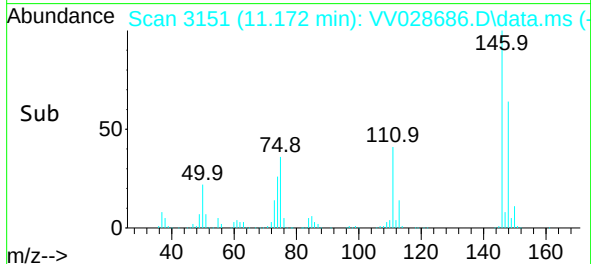
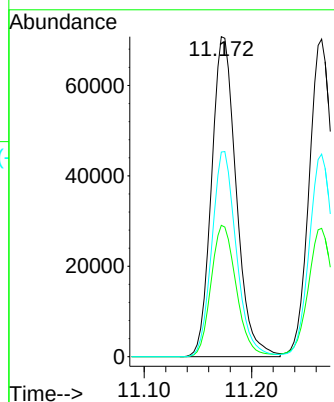
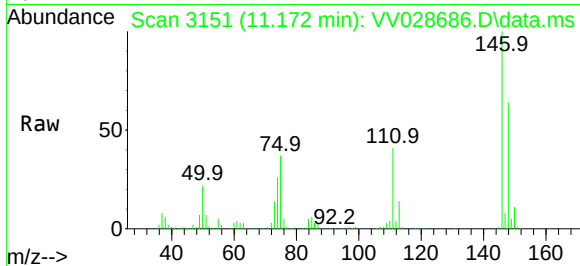




#64
1,3-Dichlorobenzene
Concen: 4.412 ug/L
RT: 11.172 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

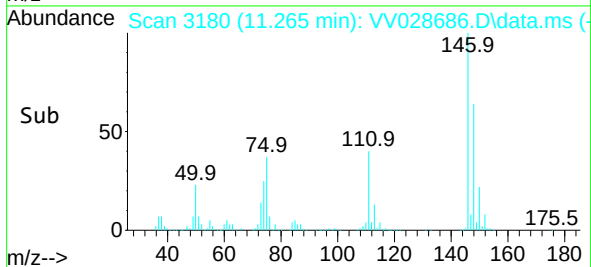
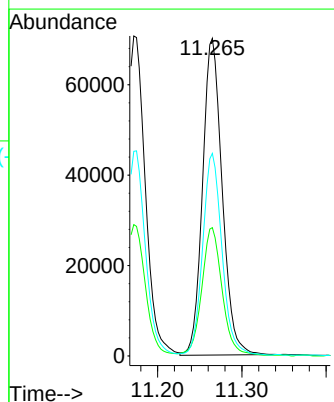
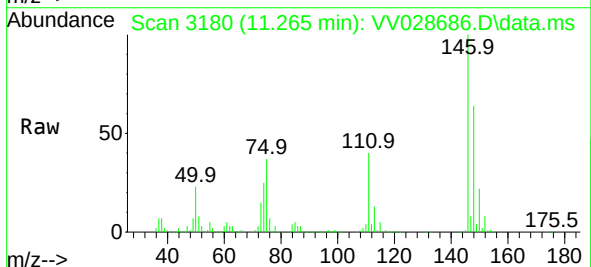
Instrument :
MSVOA_V
ClientSampleId :

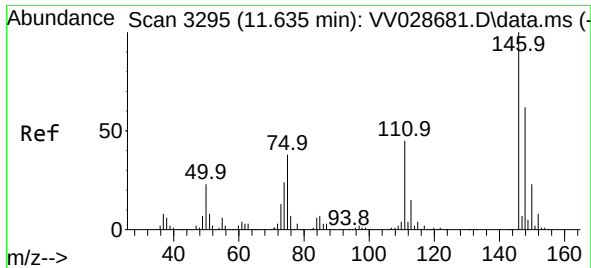
Tgt Ion:146 Resp: 113144
Ion Ratio Lower Upper
146 100
111 41.0 29.0 53.9
148 64.0 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.437 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028686.D
Acq: 25 Oct 2022 14:22

Tgt Ion:146 Resp: 113510
Ion Ratio Lower Upper
146 100
111 40.4 28.6 53.2
148 63.8 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 4.515 ug/L

RT: 11.635 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

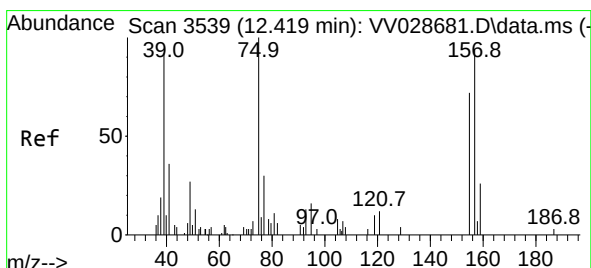
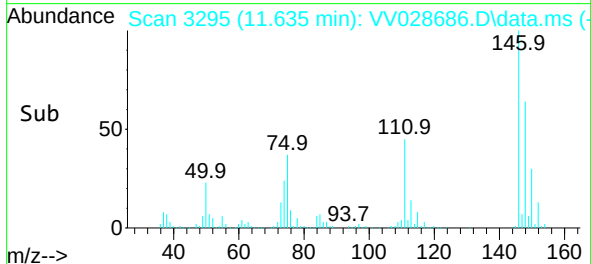
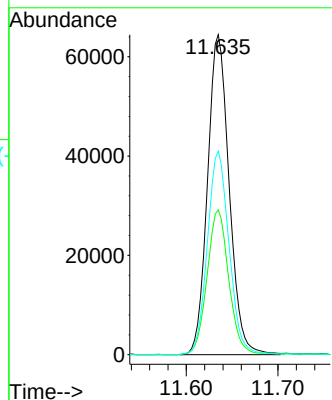
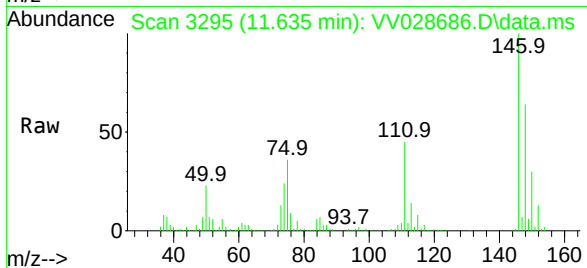
Tgt Ion:146 Resp: 105855

Ion Ratio Lower Upper

146 100

111 45.3 36.2 54.4

148 63.7 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.449 ug/L

RT: 12.423 min Scan# 3540

Delta R.T. 0.003 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

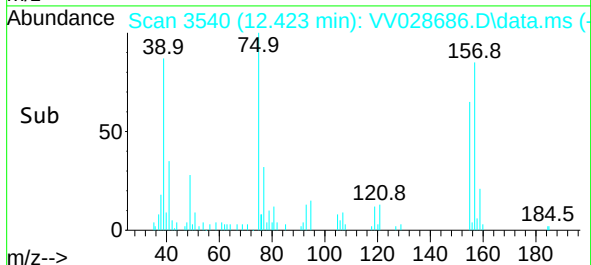
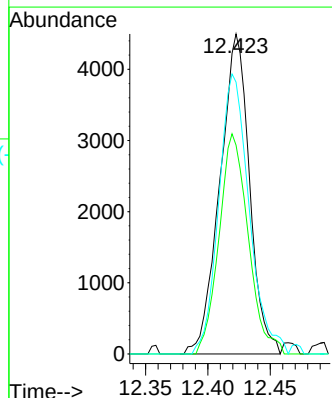
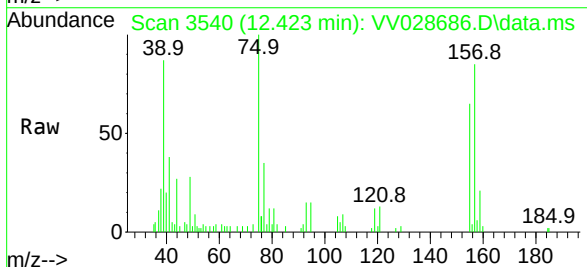
Tgt Ion: 75 Resp: 7440

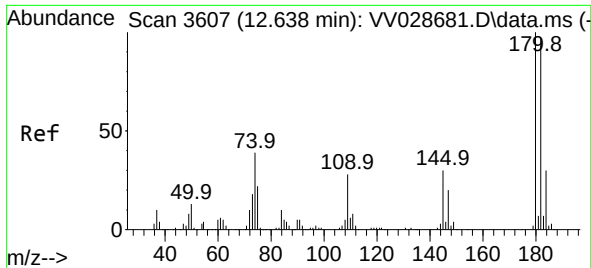
Ion Ratio Lower Upper

75 100

155 65.3 58.2 87.2

157 85.0 71.5 107.3





#69

1,3,5-Trichlorobenzene

Concen: 4.218 ug/L

RT: 12.635 min Scan# 3607

Delta R.T. -0.003 min

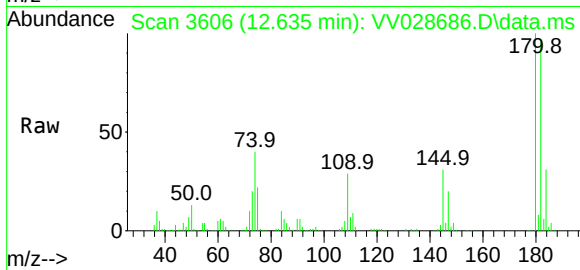
Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 82132

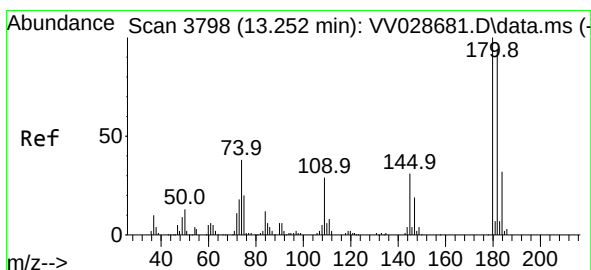
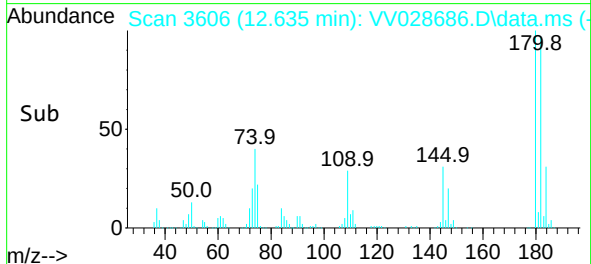
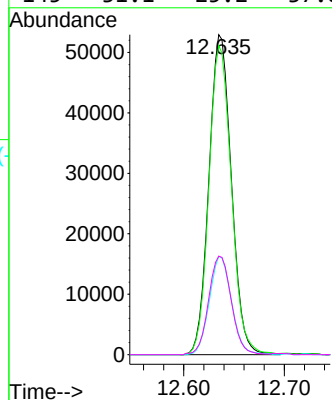
Ion Ratio Lower Upper

180 100

182 96.5 76.6 114.8

184 30.4 24.3 36.5

145 31.1 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.473 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. -0.000 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

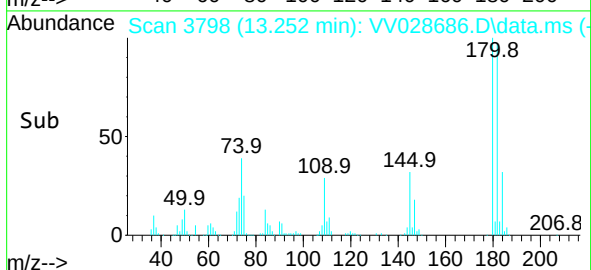
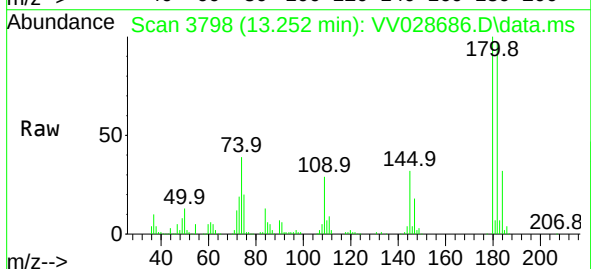
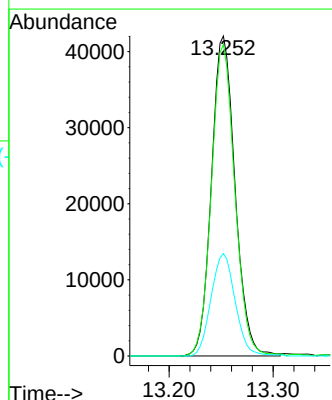
Tgt Ion:180 Resp: 66321

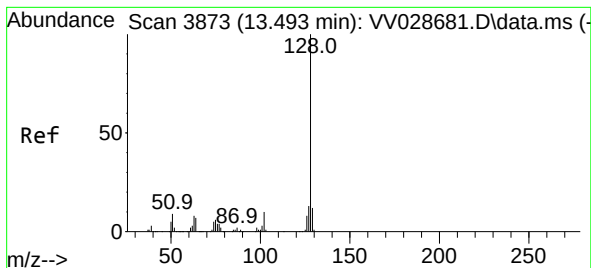
Ion Ratio Lower Upper

180 100

182 96.5 74.7 112.1

145 32.8 25.5 38.3





#71

Naphthalene

Concen: 4.618 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

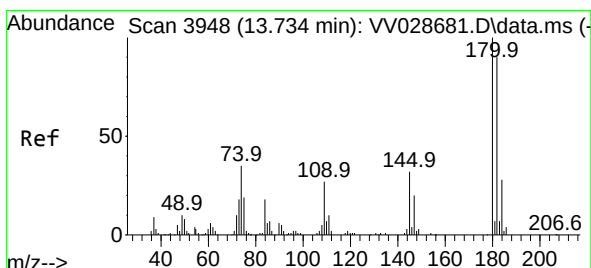
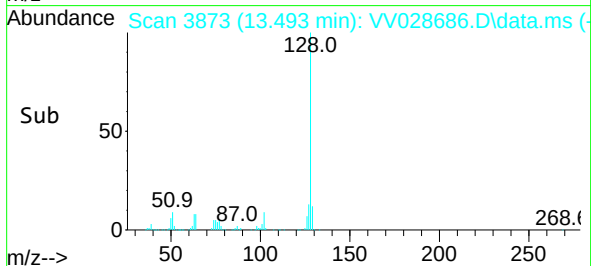
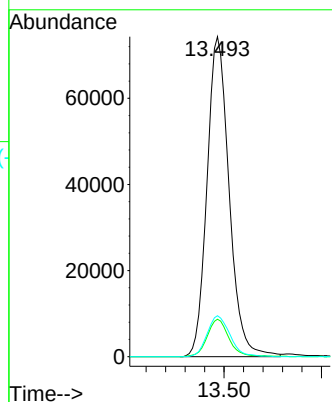
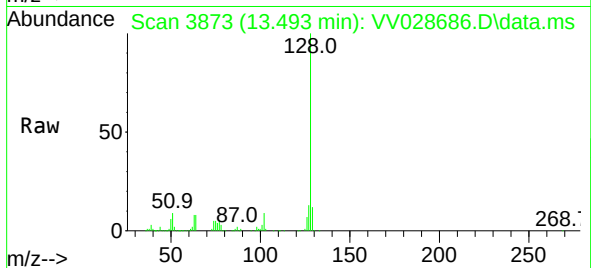
Tgt Ion:128 Resp: 117319

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 13.2 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.585 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. -0.000 min

Lab File: VV028686.D

Acq: 25 Oct 2022 14:22

Tgt Ion:180 Resp: 60238

Ion Ratio Lower Upper

180 100

182 94.3 73.4 110.0

145 33.5 26.3 39.5

