

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061222\
 Data File : VW026197.D
 Acq On : 13 Jun 2022 05:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 06:41:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:52:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	188624	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	179835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90499	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.326	65	110401	4.476	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.587	69	88680	4.564	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.200%	
11) 1,1-Dichloroethene-d2	2.127	63	179672	4.530	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.600%	
20) 2-Butanone-d5	3.915	46	86288	46.889	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.780%	
24) Chloroform-d	4.365	84	163875	4.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.043	65	64586	4.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.063	84	330223	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.075	67	93576	4.629	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.320	98	307747	4.930	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
43) trans-1,3-Dichloroprop...	7.625	79	27339	4.480	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.091	63	83195	43.787	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52543	4.362	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	87631	4.320	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.150	85	81409	4.695	ug/L	98
3) Chloromethane	1.259	50	88158	4.684	ug/L	100
5) Vinyl chloride	1.330	62	92718	4.705	ug/L	99
6) Bromomethane	1.542	94	51201	4.446	ug/L	100
8) Chloroethane	1.603	64	57997	4.717	ug/L	100
9) Trichlorofluoromethane	1.773	101	125161	4.715	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.137	101	70287	4.660	ug/L	98
12) 1,1-Dichloroethene	2.137	96	69549	4.822	ug/L	90
13) Acetone	2.204	43	41288	39.296	ug/L	99
14) Carbon disulfide	2.313	76	168045	4.588	ug/L	99
15) Methyl Acetate	2.461	43	11843	3.860	ug/L #	86
16) Methylene chloride	2.526	84	68517	4.609	ug/L	97
17) Methyl tert-butyl Ether	2.789	73	107169	4.570	ug/L	100
18) trans-1,2-Dichloroethene	2.780	96	65131	4.710	ug/L	96
19) 1,1-Dichloroethane	3.207	63	127731	4.813	ug/L	100
21) 2-Butanone	4.005	43	67294	47.052	ug/L	94
22) cis-1,2-Dichloroethene	3.931	96	67116	4.824	ug/L	99
23) Bromochloromethane	4.265	128	27253	4.692	ug/L	93
25) Chloroform	4.391	83	134354	4.844	ug/L	99

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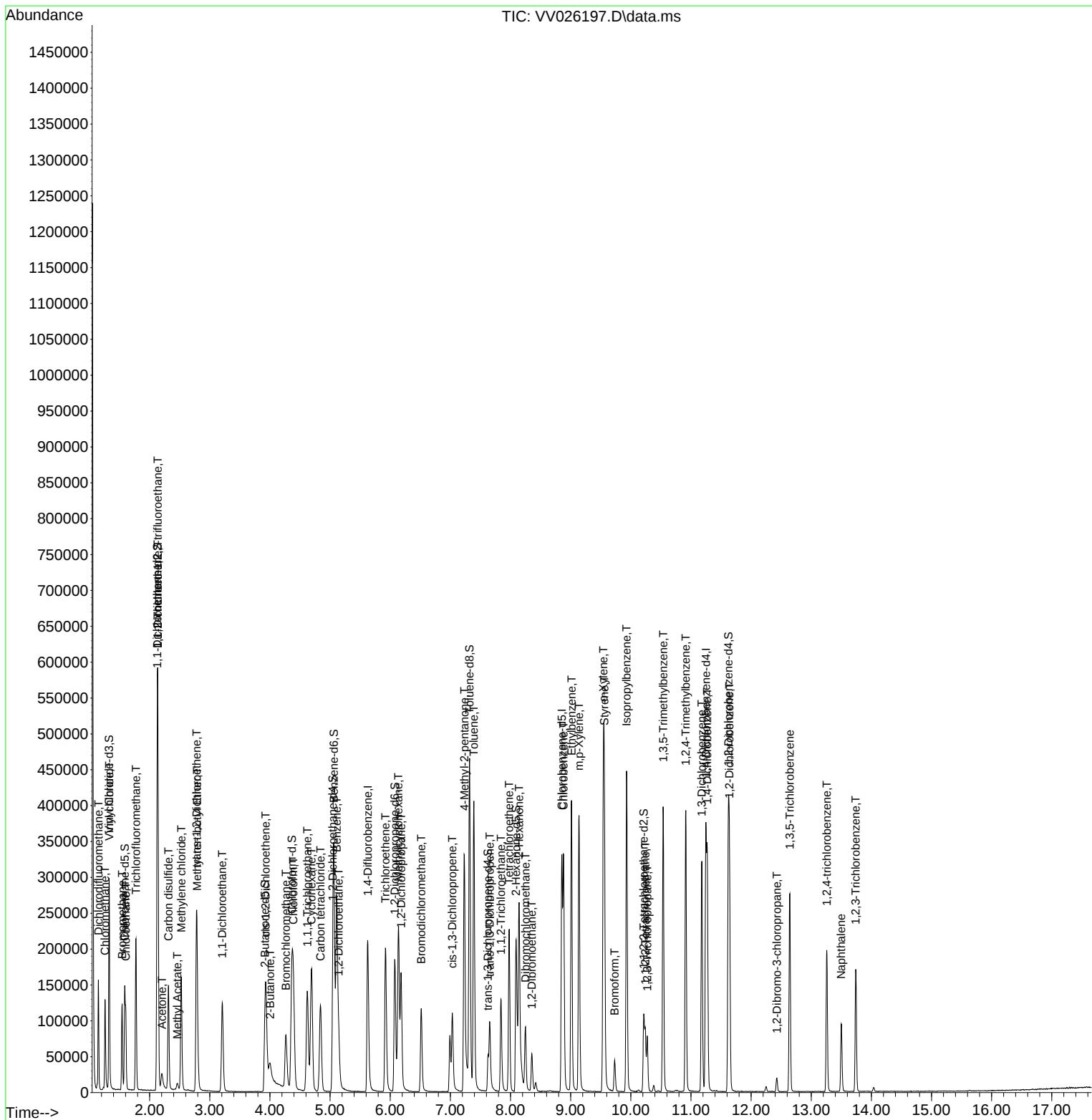
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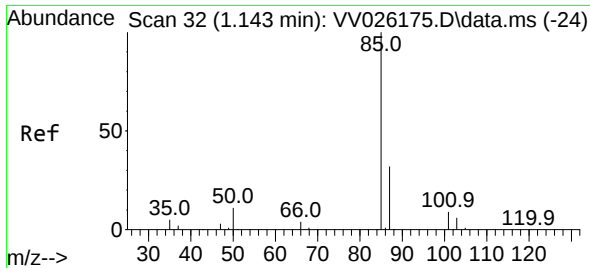
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	59696	4.631	ug/L	99
29) 1,1,1-Trichloroethane	4.622	97	114651	4.862	ug/L	99
30) Cyclohexane	4.693	56	84889	4.701	ug/L	99
31) Carbon tetrachloride	4.841	117	92455	4.851	ug/L	100
33) Benzene	5.111	78	278802	5.126	ug/L	100
34) Trichloroethene	5.921	95	69958	4.762	ug/L	97
35) Methylcyclohexane	6.136	83	90468	4.555	ug/L	100
37) 1,2-Dichloropropane	6.182	63	69288	4.917	ug/L	99
38) Bromodichloromethane	6.516	83	82224	4.900	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	65530	4.169	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	249526	49.489	ug/L	97
42) Toluene	7.390	91	301689	5.239	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	58544	4.735	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	42420	4.783	ug/L	96
47) Tetrachloroethene	7.979	164	49883	4.729	ug/L	98
48) 2-Hexanone	8.143	43	173183	48.368	ug/L	96
49) Dibromochloromethane	8.249	129	45856	4.737	ug/L	94
50) 1,2-Dibromoethane	8.355	107	37459	4.938	ug/L	99
51) Chlorobenzene	8.882	112	177450	4.793	ug/L	98
52) Ethylbenzene	9.014	91	279438	4.891	ug/L	100
53) m,p-Xylene	9.140	106	110385	5.047	ug/L	98
54) o-Xylene	9.545	106	103746	4.906	ug/L	99
55) Styrene	9.561	104	186811	5.358	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	41288	4.593	ug/L	98
59) Bromoform	9.731	173	19826	4.561	ug/L	99
60) Isopropylbenzene	9.931	105	280334	4.737	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	31664	4.561	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	210130	4.503	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	210007	4.572	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	131506	4.660	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	128226	4.581	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	115470	4.564	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5067	4.159	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	85161	4.294	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	58752	4.115	ug/L	99
71) Naphthalene	13.500	128	78021	3.910	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	50021	4.244	ug/L	95

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

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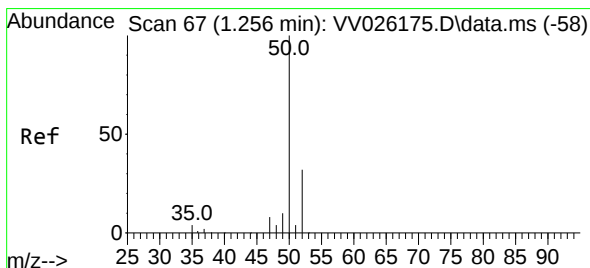
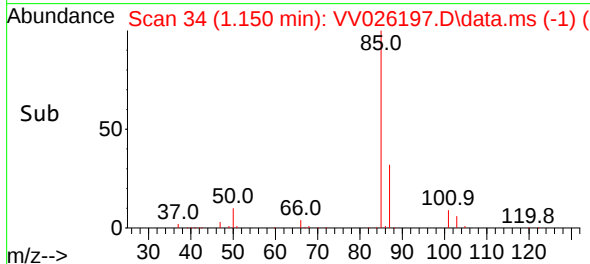
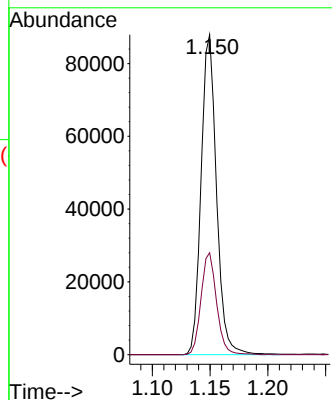
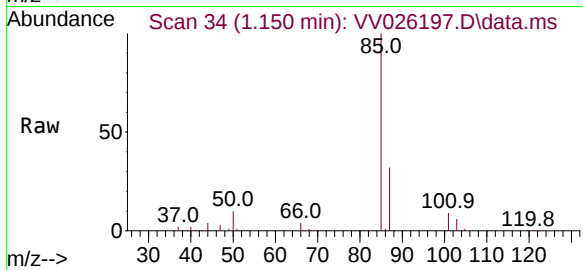




#2
 Dichlorodifluoromethane
 Concen: 4.695 ug/L
 RT: 1.150 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VV026197.D
 Acq: 13 Jun 2022 05:51

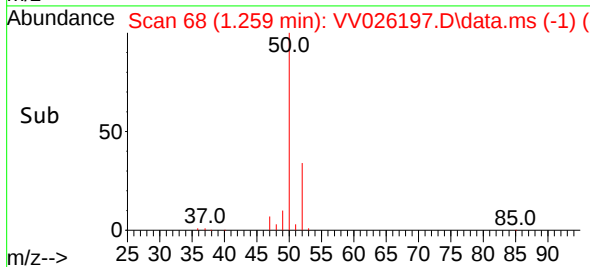
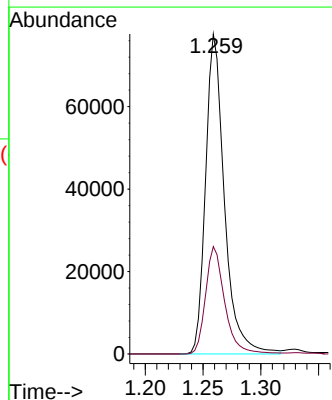
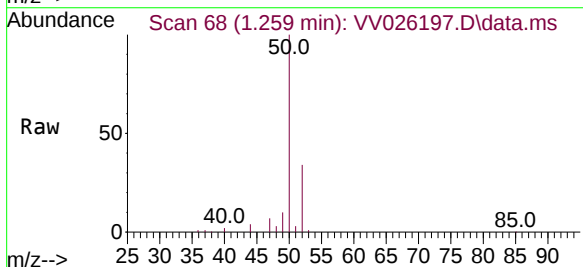
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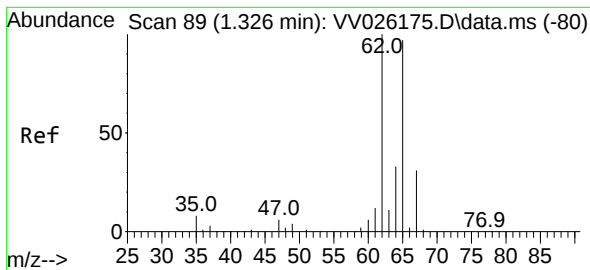
Tgt Ion: 85 Resp: 81409
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.7 40.1



#3
 Chloromethane
 Concen: 4.684 ug/L
 RT: 1.259 min Scan# 68
 Delta R.T. 0.003 min
 Lab File: VV026197.D
 Acq: 13 Jun 2022 05:51

Tgt Ion: 50 Resp: 88158
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.6 43.8

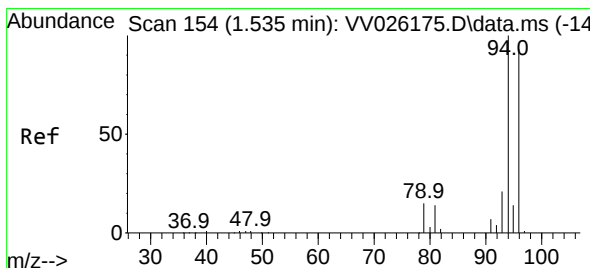
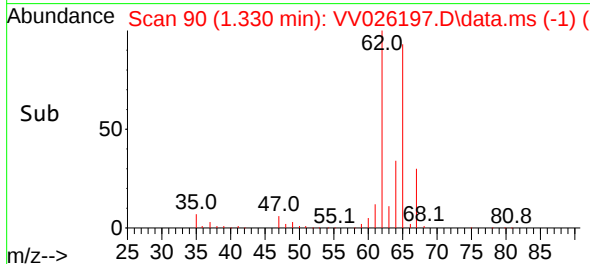
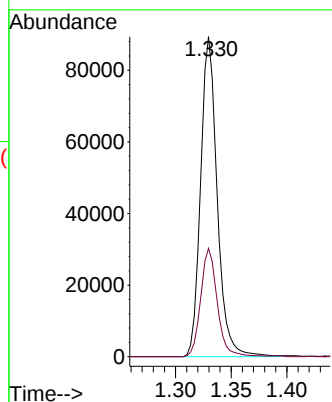
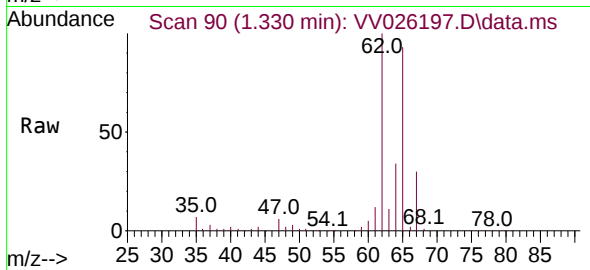




#5
 Vinyl chloride
 Concen: 4.705 ug/L
 RT: 1.330 min Scan# 90
 Delta R.T. 0.003 min
 Lab File: VV026197.D
 Acq: 13 Jun 2022 05:51

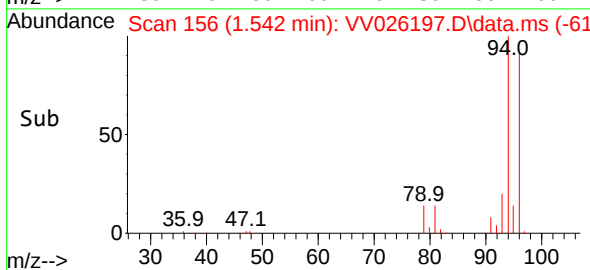
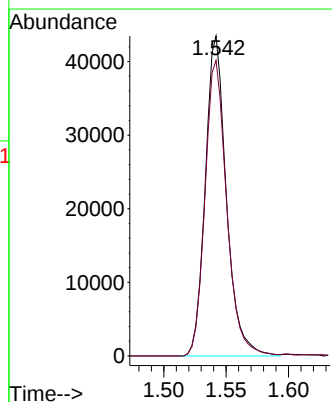
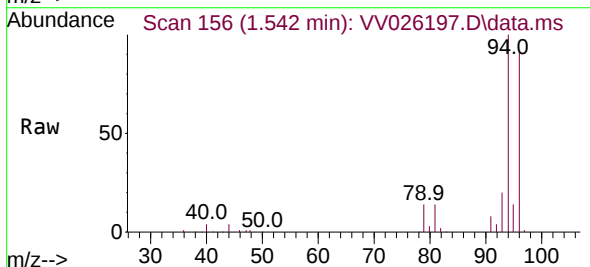
Instrument :
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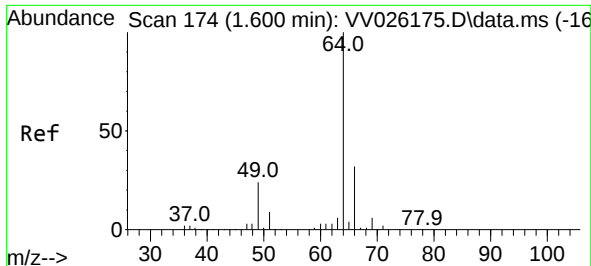
Tgt Ion: 62 Resp: 92718
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.2



#6
 Bromomethane
 Concen: 4.446 ug/L
 RT: 1.542 min Scan# 156
 Delta R.T. 0.006 min
 Lab File: VV026197.D
 Acq: 13 Jun 2022 05:51

Tgt Ion: 94 Resp: 51201
 Ion Ratio Lower Upper
 94 100
 96 92.3 64.5 119.7

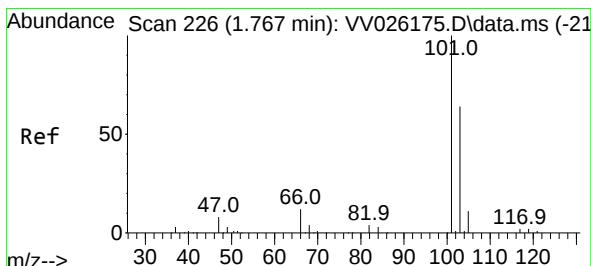
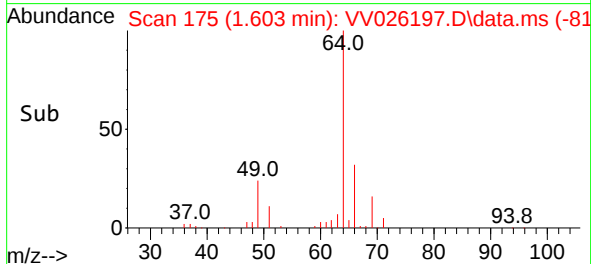
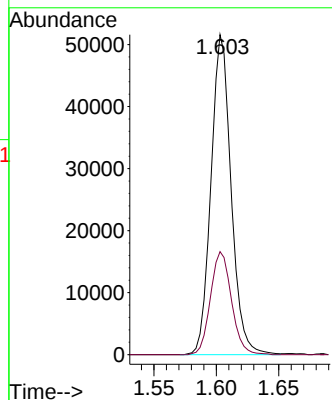
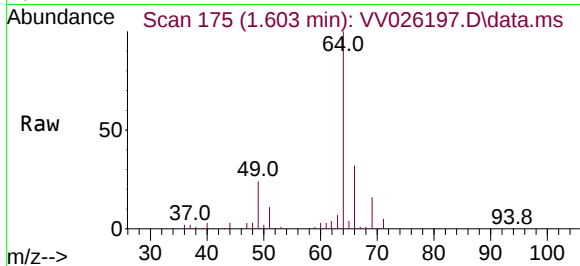




#8
Chloroethane
Concen: 4.717 ug/L
RT: 1.603 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

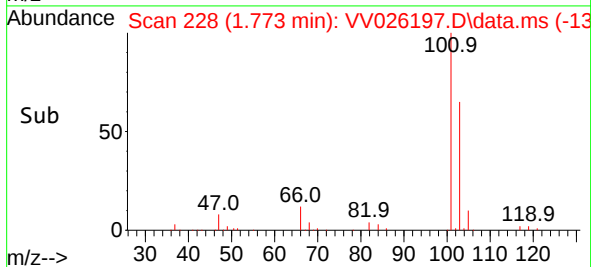
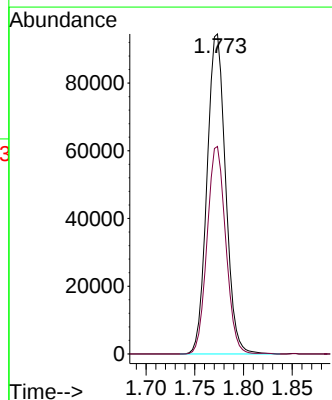
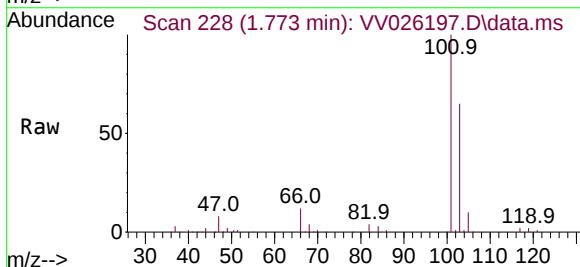
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ClientSampleId :

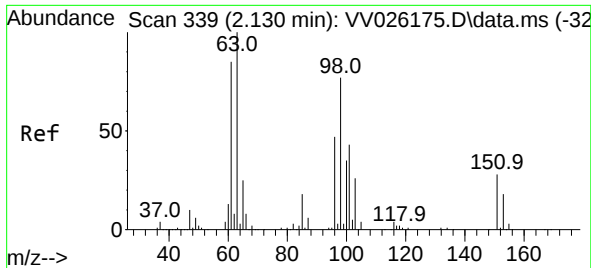
Tgt Ion: 64 Resp: 57997
Ion Ratio Lower Upper
64 100
66 32.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.715 ug/L
RT: 1.773 min Scan# 228
Delta R.T. 0.006 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

Tgt Ion:101 Resp: 125161
Ion Ratio Lower Upper
101 100
103 65.0 52.9 79.3

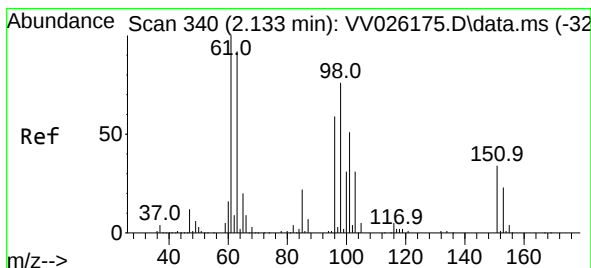
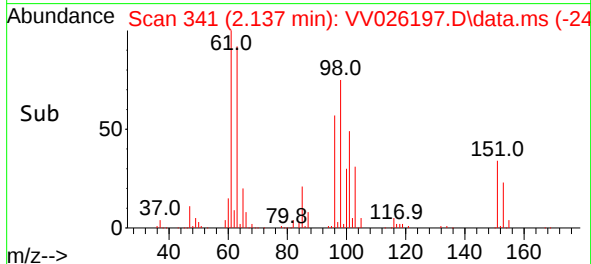
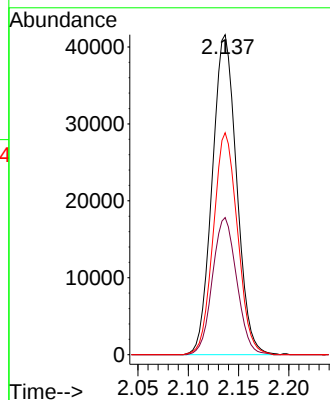
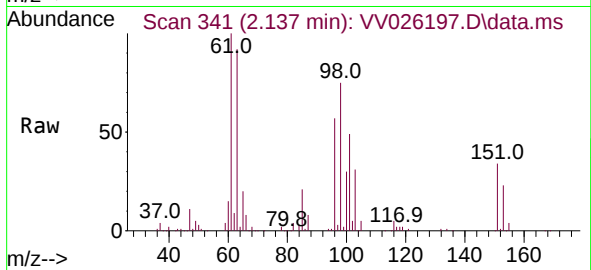




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.660 ug/L
RT: 2.137 min Scan# 341
Delta R.T. 0.006 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

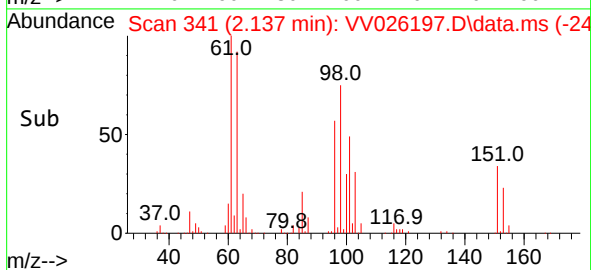
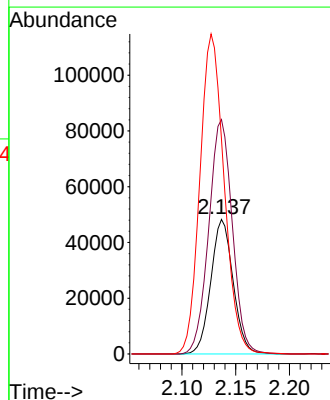
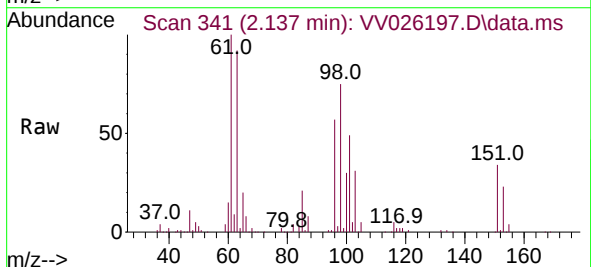
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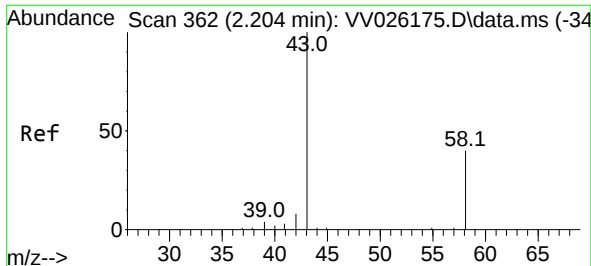
Tgt Ion:101 Resp: 70287
Ion Ratio Lower Upper
101 100
85 42.5 35.3 52.9
151 69.0 56.5 84.7



#12
1,1-Dichloroethene
Concen: 4.822 ug/L
RT: 2.137 min Scan# 341
Delta R.T. 0.003 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

Tgt Ion: 96 Resp: 69549
Ion Ratio Lower Upper
96 100
61 174.2 120.5 223.7
63 159.6 129.3 240.1





#13

Acetone

Concen: 39.296 ug/L

RT: 2.204 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

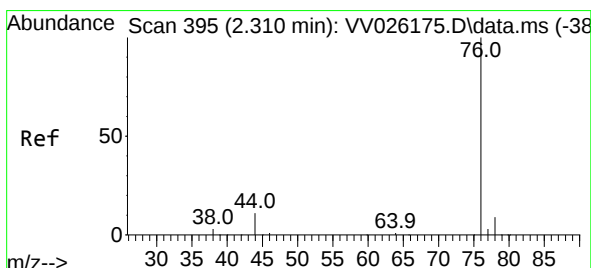
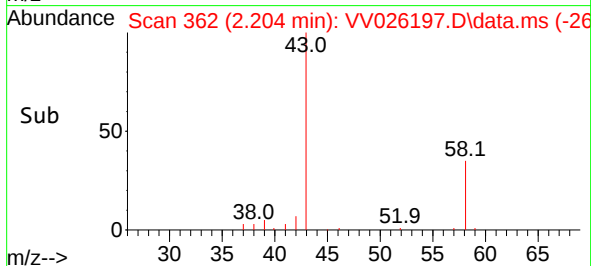
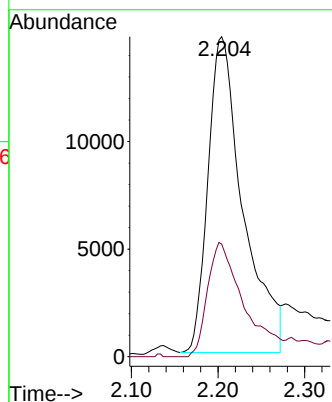
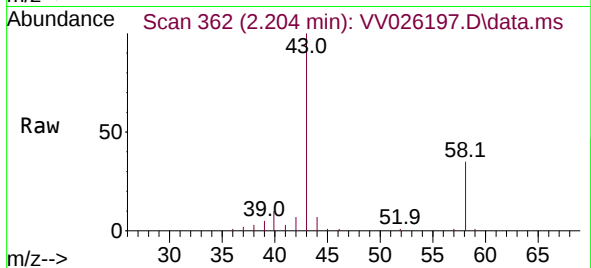
ClientSampleId :

Tgt Ion: 43 Resp: 41288

Ion Ratio Lower Upper

43 100

58 37.5 0.0 73.6



#14

Carbon disulfide

Concen: 4.588 ug/L

RT: 2.313 min Scan# 396

Delta R.T. 0.003 min

Lab File: VV026197.D

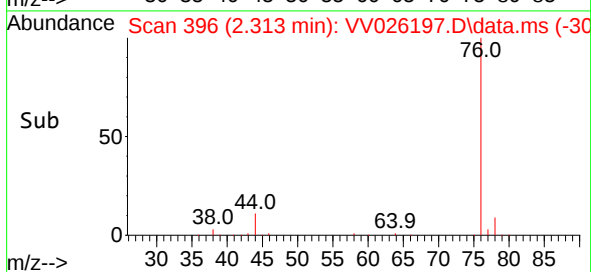
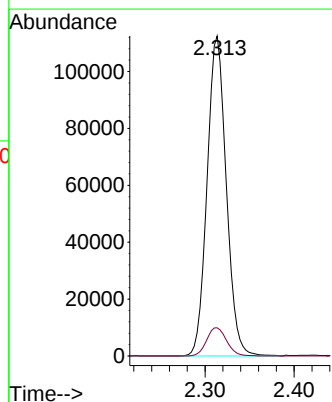
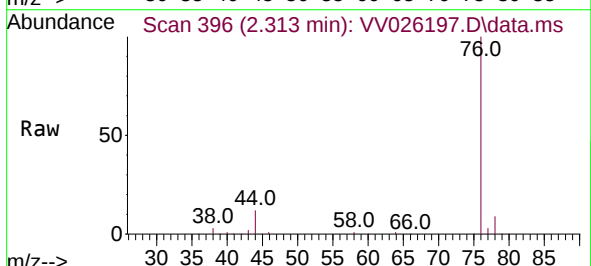
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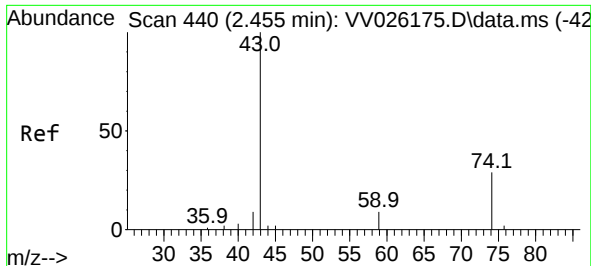
Tgt Ion: 76 Resp: 168045

Ion Ratio Lower Upper

76 100

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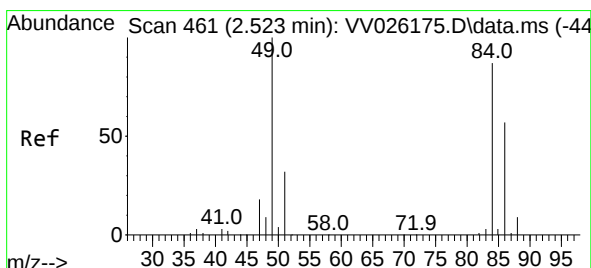
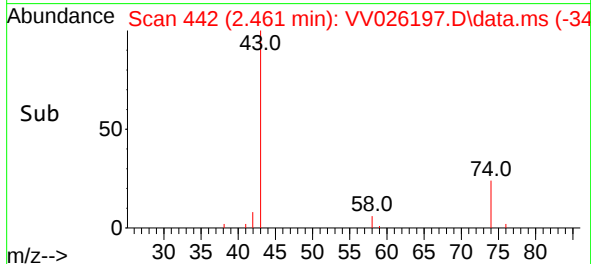
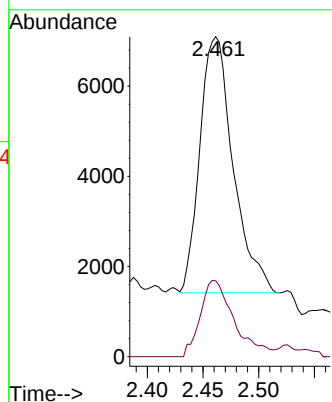
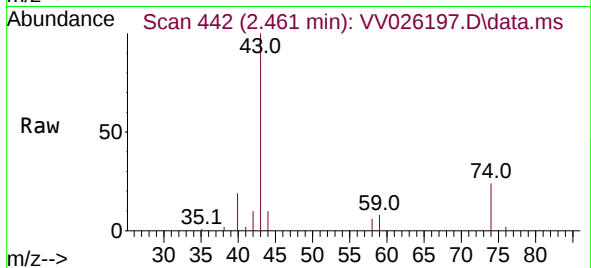




#15
Methyl Acetate
Concen: 3.860 ug/L
RT: 2.461 min Scan# 440
Delta R.T. 0.006 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

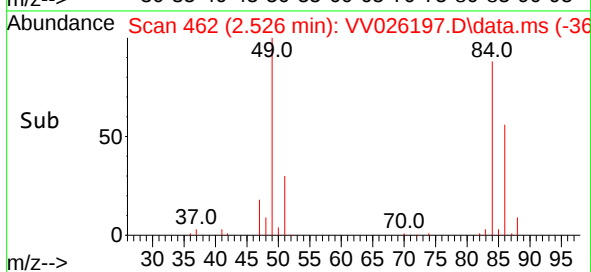
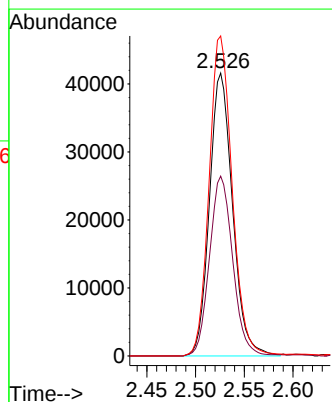
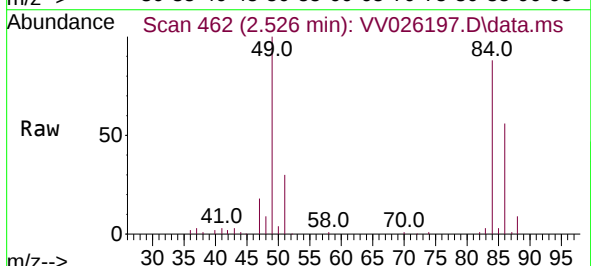
Instrument :
MSVOA_V
ClientSampleId :

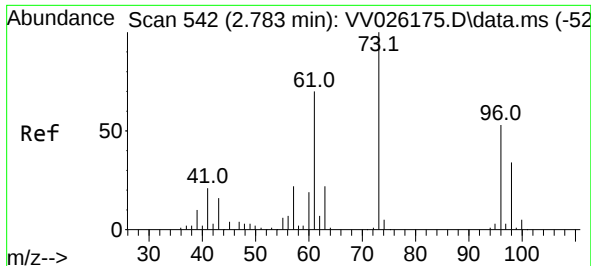
Tgt Ion: 43 Resp: 11843
Ion Ratio Lower Upper
43 100
74 30.3 18.9 28.3#



#16
Methylene chloride
Concen: 4.609 ug/L
RT: 2.526 min Scan# 462
Delta R.T. 0.003 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

Tgt Ion: 84 Resp: 68517
Ion Ratio Lower Upper
84 100
86 63.6 45.1 83.7
49 113.1 82.3 152.9





#17

Methyl tert-butyl Ether

Concen: 4.570 ug/L

RT: 2.789 min Scan# 54

Delta R.T. 0.006 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

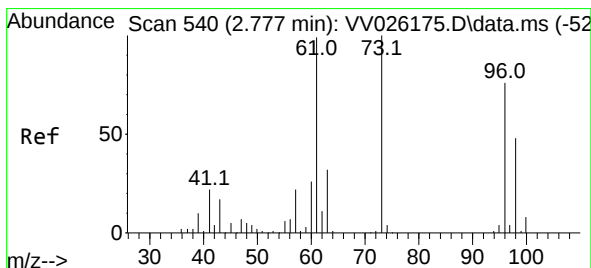
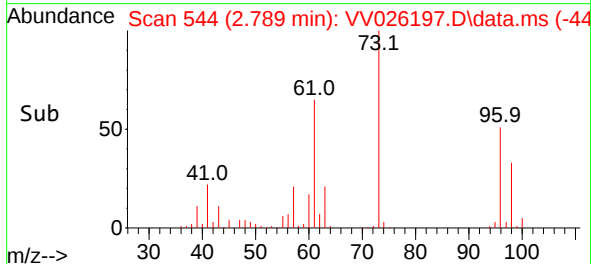
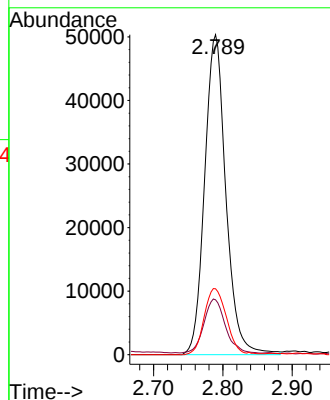
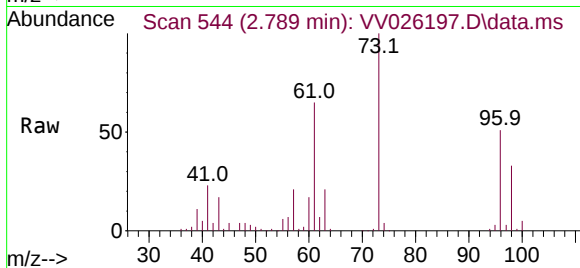
Tgt Ion: 73 Resp: 107169

Ion Ratio Lower Upper

73 100

43 16.9 13.4 20.2

57 21.5 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.710 ug/L

RT: 2.780 min Scan# 541

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

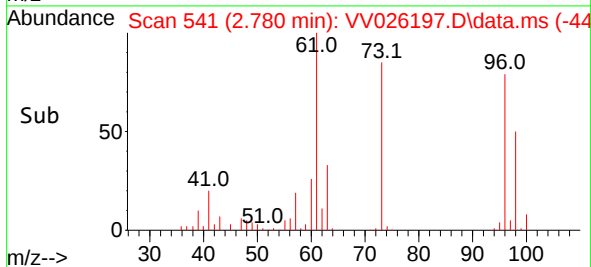
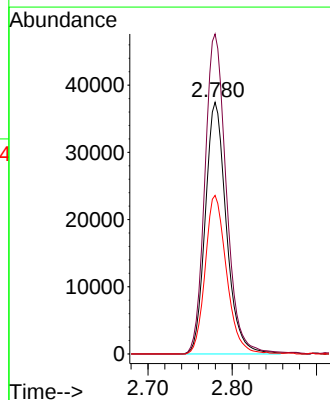
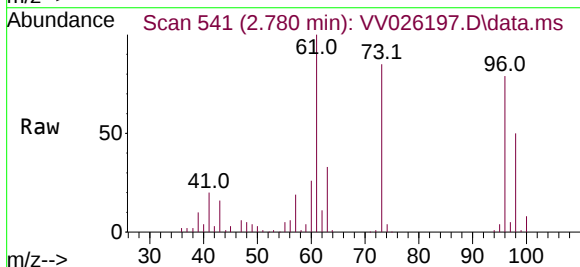
Tgt Ion: 96 Resp: 65131

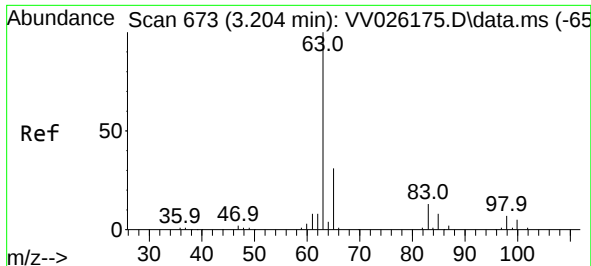
Ion Ratio Lower Upper

96 100

61 127.1 93.5 173.7

98 63.0 44.7 83.1





#19

1,1-Dichloroethane

Concen: 4.813 ug/L

RT: 3.207 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

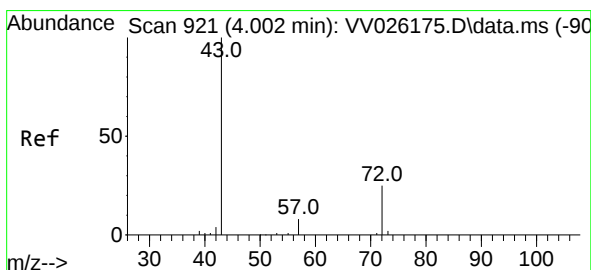
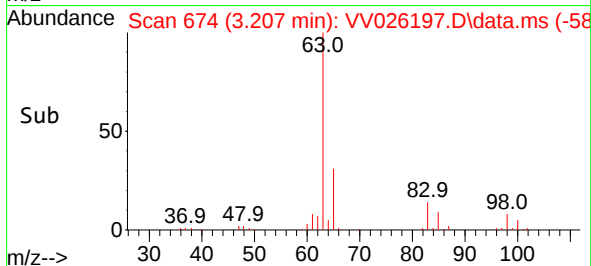
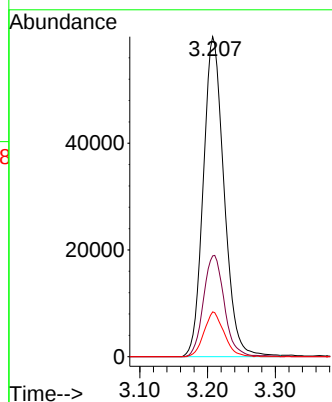
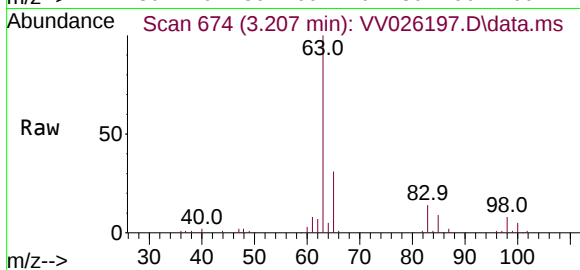
Tgt Ion: 63 Resp: 127731

Ion Ratio Lower Upper

63 100

65 31.5 22.1 41.1

83 14.0 9.5 17.7



#21

2-Butanone

Concen: 47.052 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.003 min

Lab File: VV026197.D

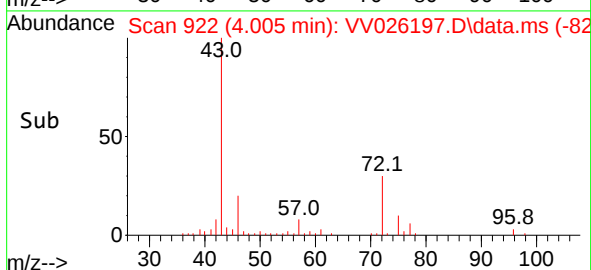
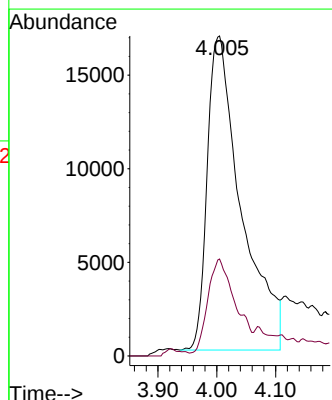
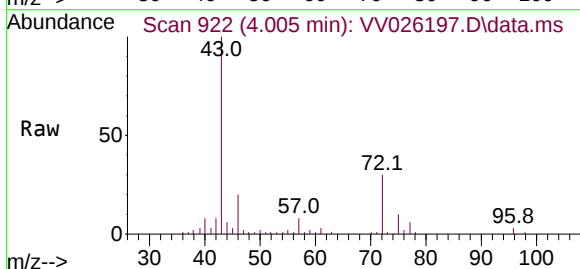
Acq: 13 Jun 2022 05:51

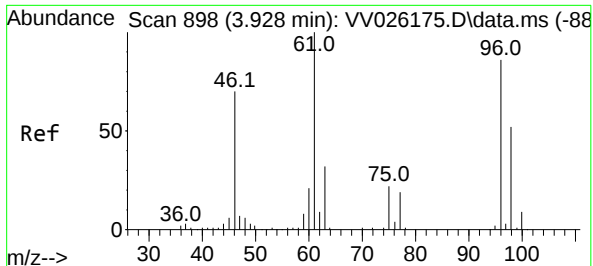
Tgt Ion: 43 Resp: 67294

Ion Ratio Lower Upper

43 100

72 24.2 10.6 31.8





#22

cis-1,2-Dichloroethene

Concen: 4.824 ug/L

RT: 3.931 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

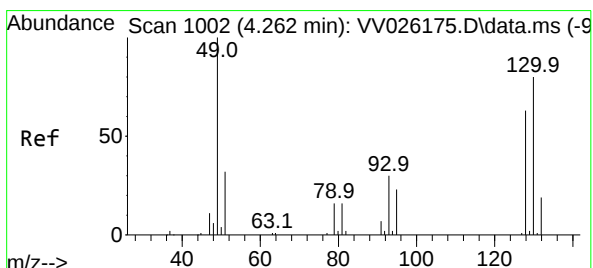
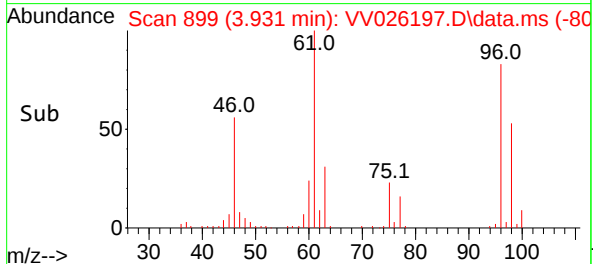
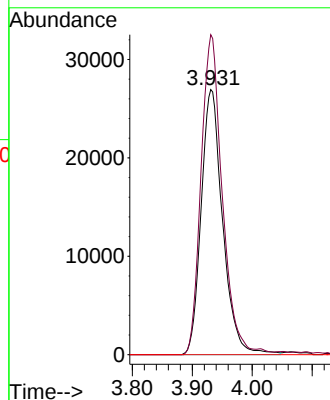
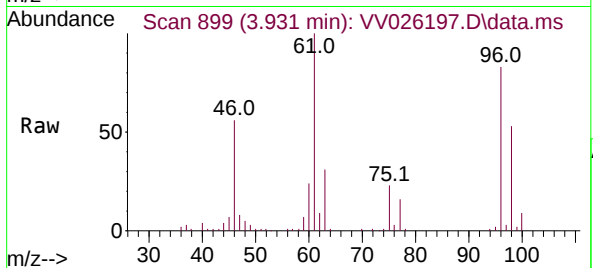
Tgt Ion: 96 Resp: 67116

Ion Ratio Lower Upper

96 100

61 120.7 85.2 158.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.692 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Tgt Ion: 128 Resp: 27253

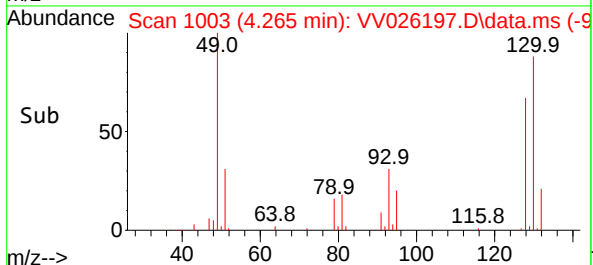
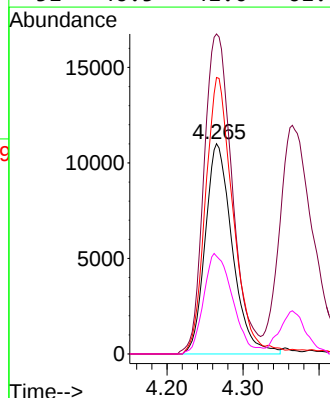
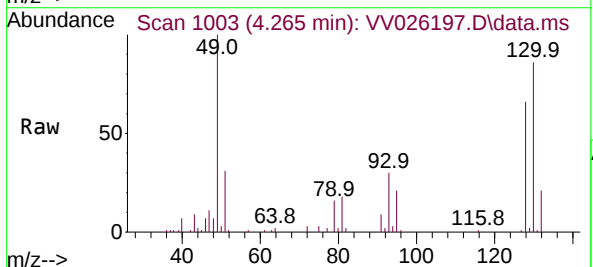
Ion Ratio Lower Upper

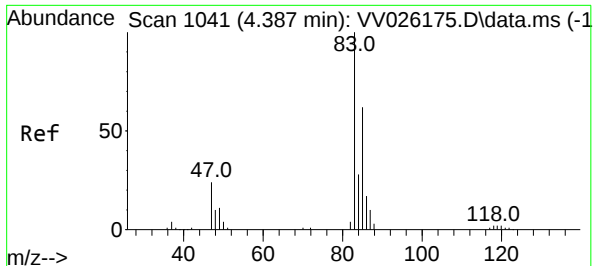
128 100

49 152.3 114.9 213.5

130 131.5 89.1 165.5

51 46.5 41.0 61.4





#25

Chloroform

Concen: 4.844 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

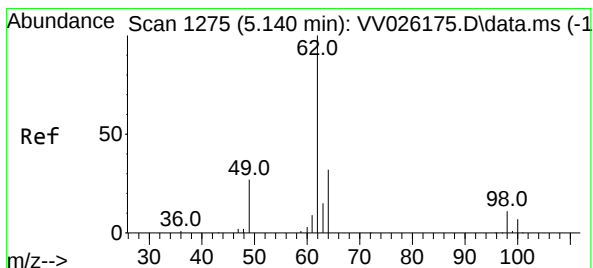
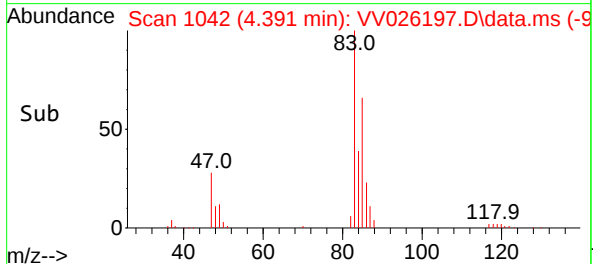
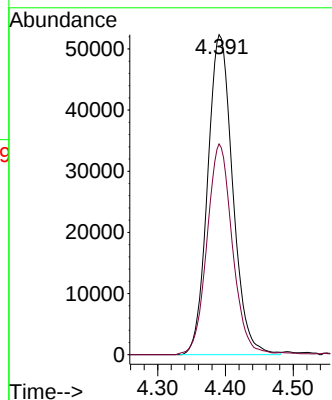
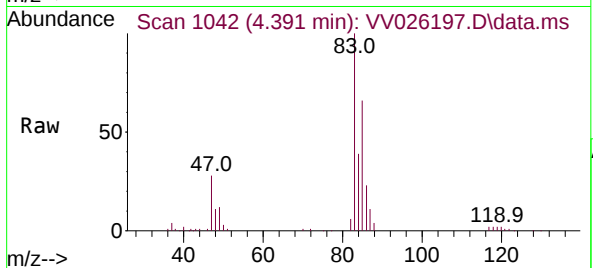
ClientSampleId :

Tgt Ion: 83 Resp: 134354

Ion Ratio Lower Upper

83 100

85 65.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 4.631 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.003 min

Lab File: VV026197.D

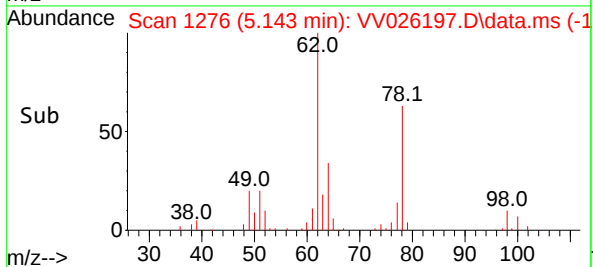
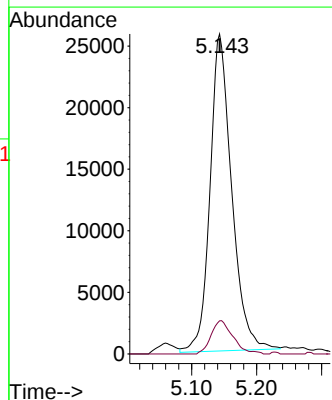
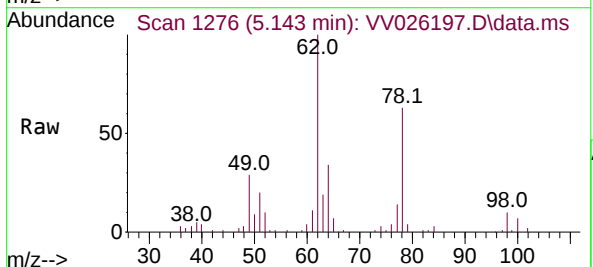
Acq: 13 Jun 2022 05:51

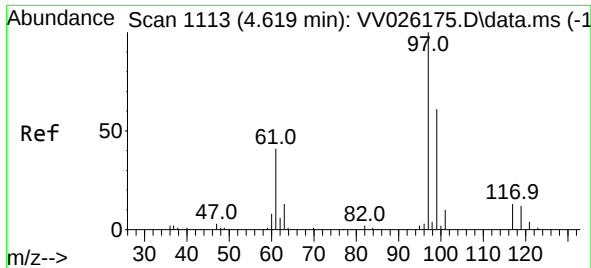
Tgt Ion: 62 Resp: 59696

Ion Ratio Lower Upper

62 100

98 10.3 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 4.862 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

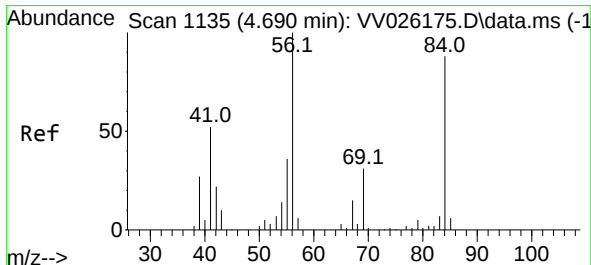
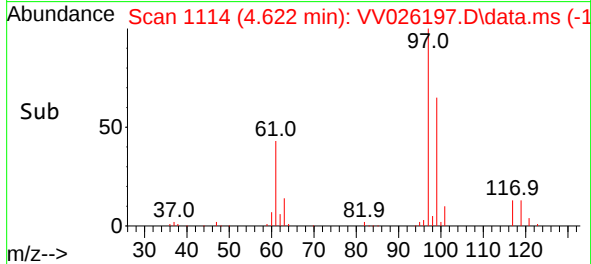
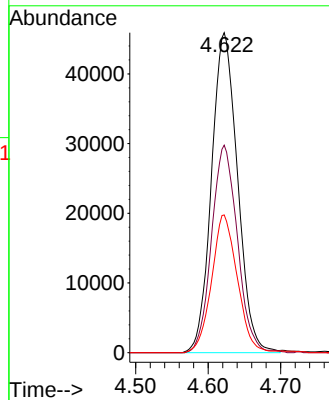
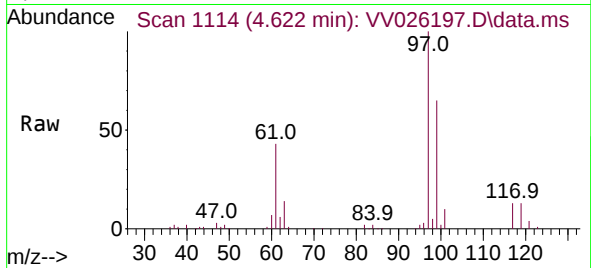
Tgt Ion: 97 Resp: 114651

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 42.4 34.9 52.3



#30

Cyclohexane

Concen: 4.701 ug/L

RT: 4.693 min Scan# 1136

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

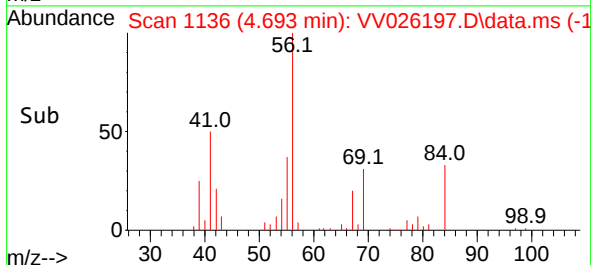
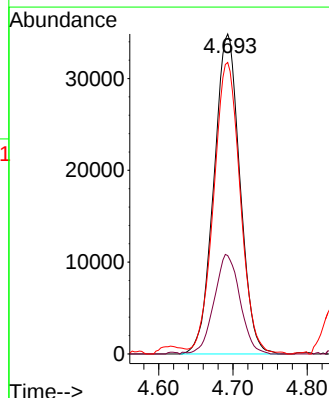
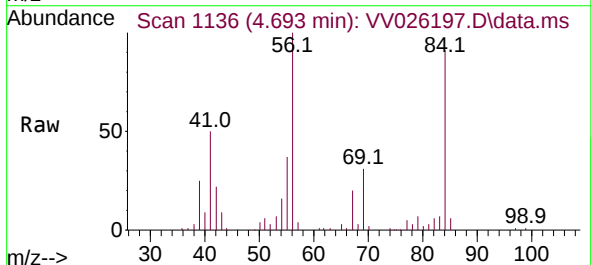
Tgt Ion: 56 Resp: 84889

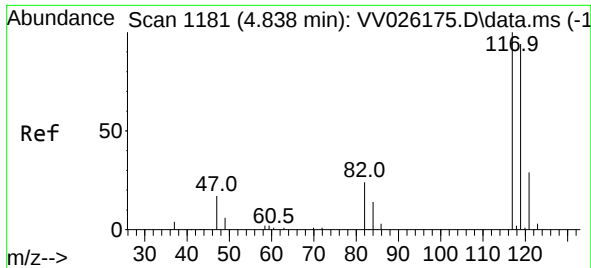
Ion Ratio Lower Upper

56 100

69 30.8 24.8 37.2

84 93.3 75.7 113.5

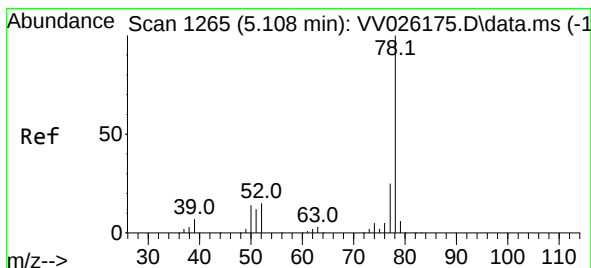
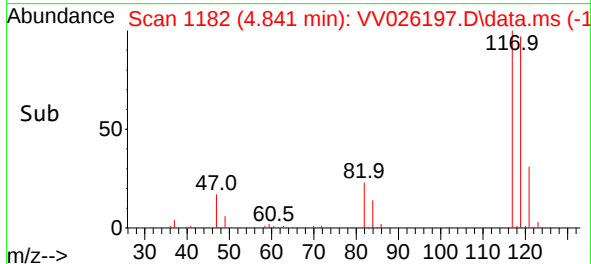
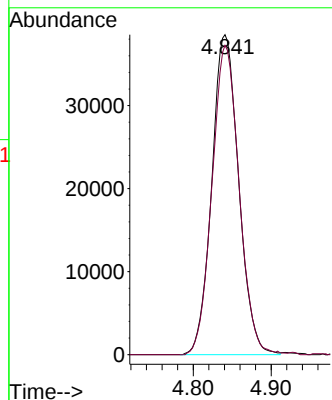
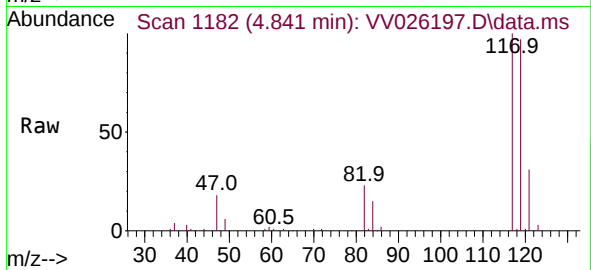




#31
Carbon tetrachloride
Concen: 4.851 ug/L
RT: 4.841 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

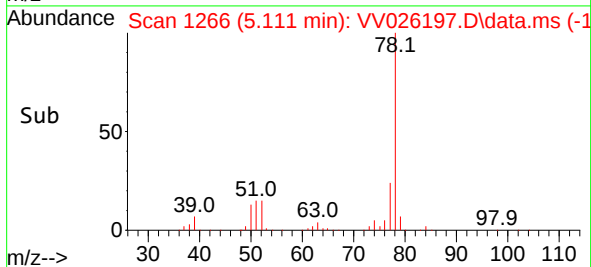
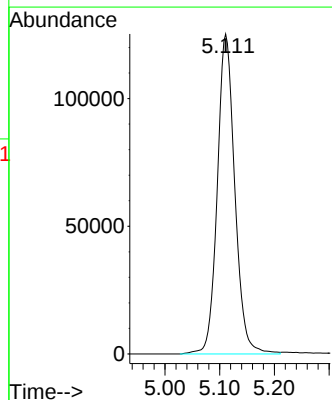
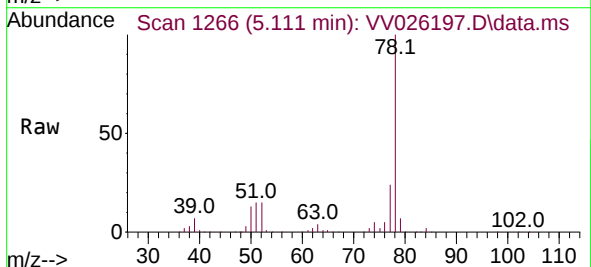
Instrument :
MSVOA_V
ClientSampleId :

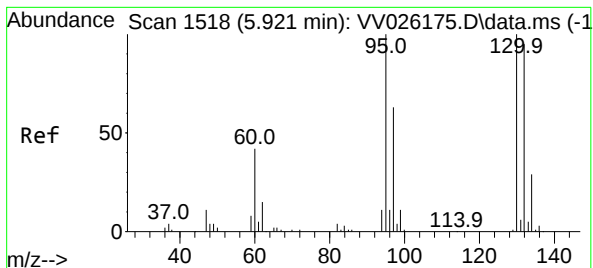
Tgt Ion:117 Resp: 92455
Ion Ratio Lower Upper
117 100
119 97.5 77.8 116.8



#33
Benzene
Concen: 5.126 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.003 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

Tgt Ion: 78 Resp: 278802





#34

Trichloroethene

Concen: 4.762 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 69958

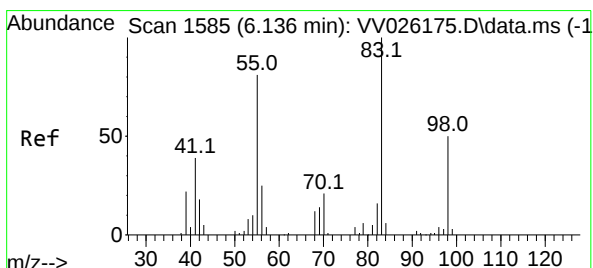
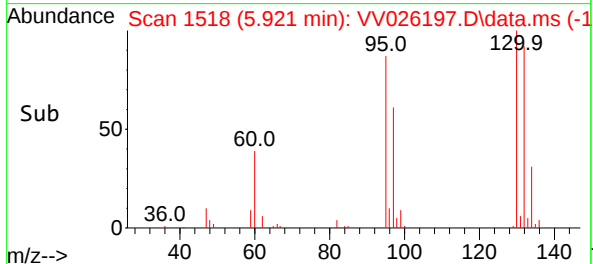
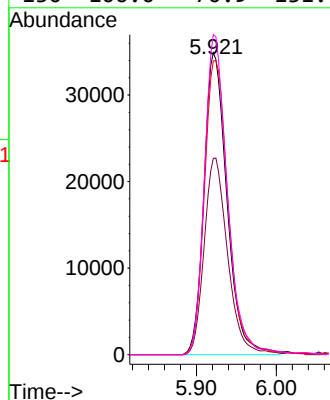
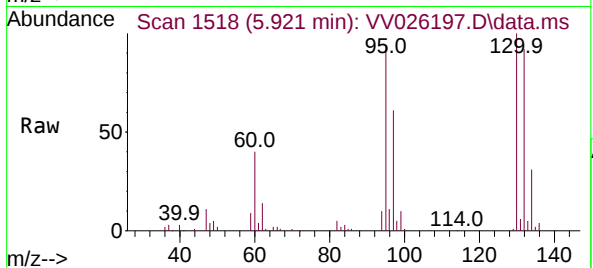
Ion Ratio Lower Upper

95 100

97 65.0 43.3 80.3

132 97.3 67.5 125.4

130 106.0 70.9 131.7



#35

Methylcyclohexane

Concen: 4.555 ug/L

RT: 6.136 min Scan# 1585

Delta R.T. 0.000 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

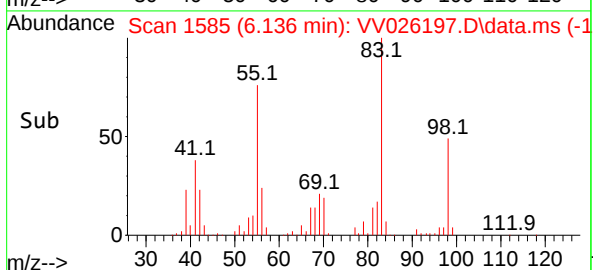
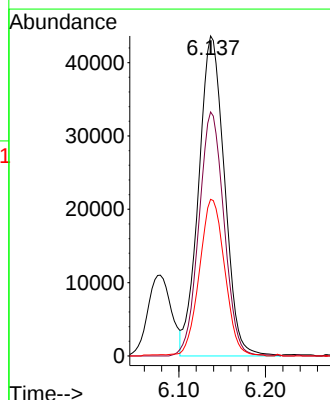
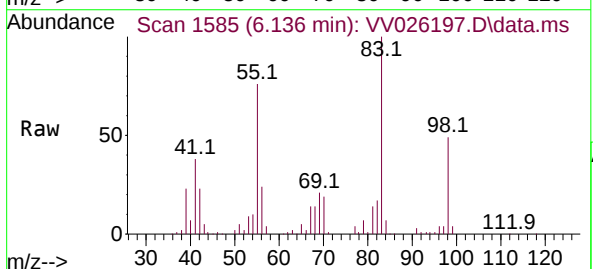
Tgt Ion: 83 Resp: 90468

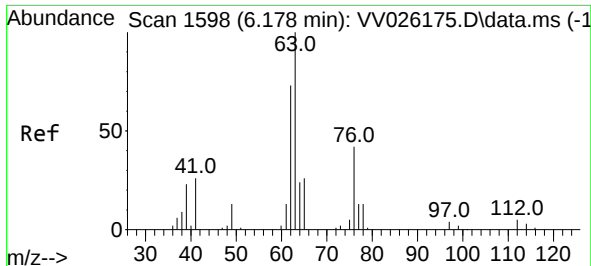
Ion Ratio Lower Upper

83 100

55 74.3 59.5 89.3

98 48.4 38.4 57.6





#37

1,2-Dichloropropane

Concen: 4.917 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

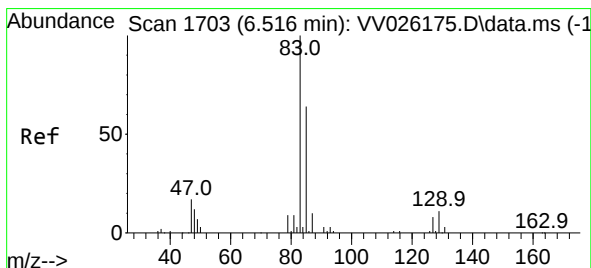
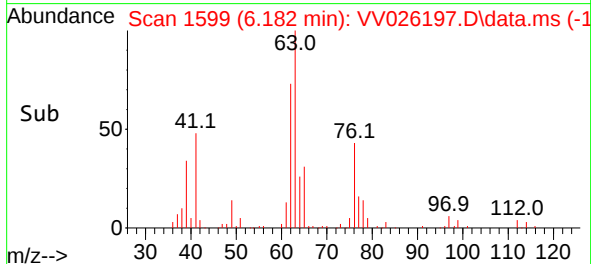
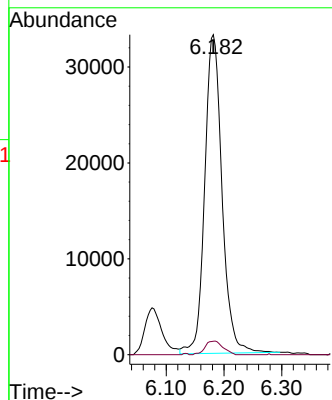
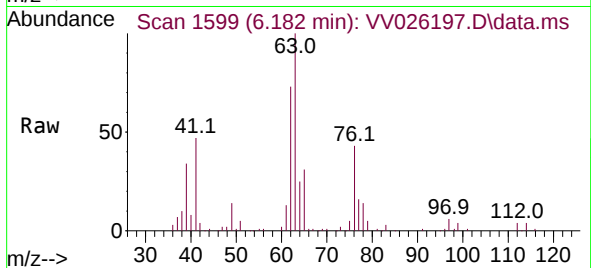
ClientSampleId :

Tgt Ion: 63 Resp: 69288

Ion Ratio Lower Upper

63 100

112 4.4 3.9 5.9



#38

Bromodichloromethane

Concen: 4.900 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

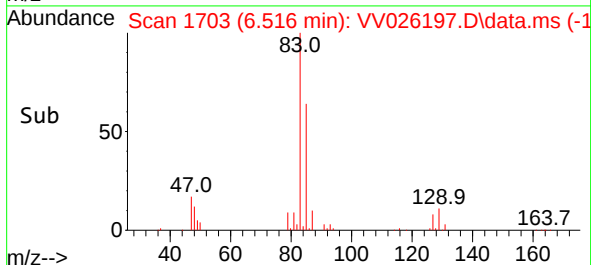
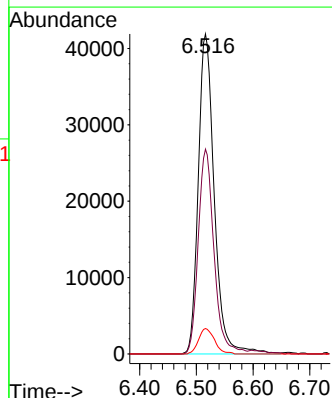
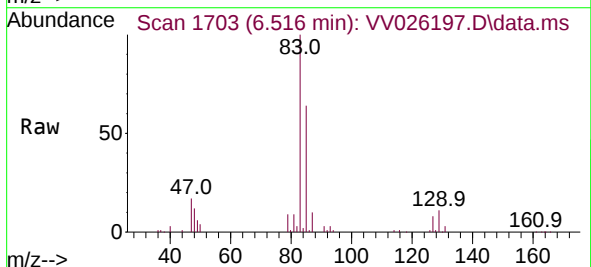
Tgt Ion: 83 Resp: 82224

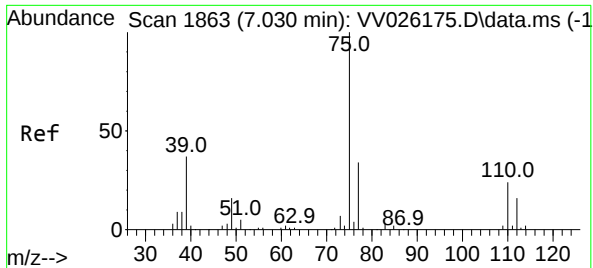
Ion Ratio Lower Upper

83 100

85 64.0 46.0 85.4

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.169 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

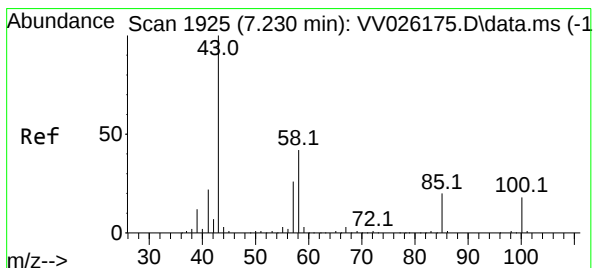
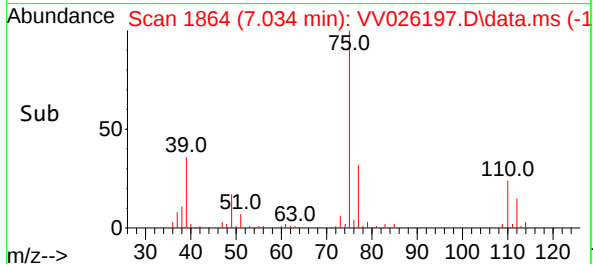
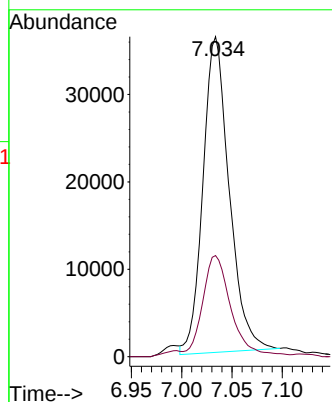
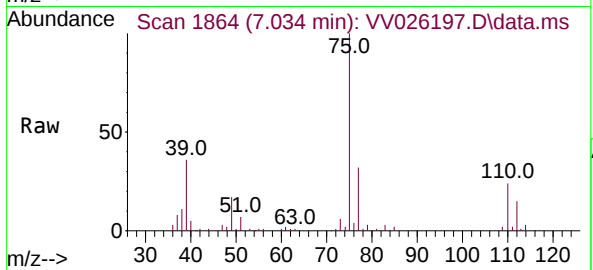
ClientSampleId :

Tgt Ion: 75 Resp: 65530

Ion Ratio Lower Upper

75 100

77 31.6 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 49.489 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

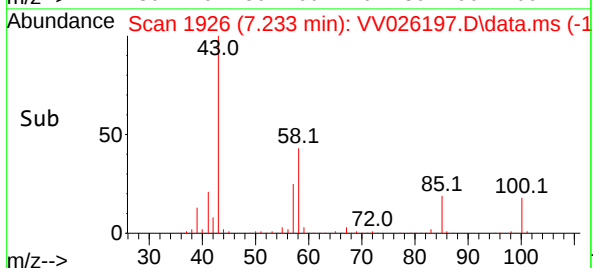
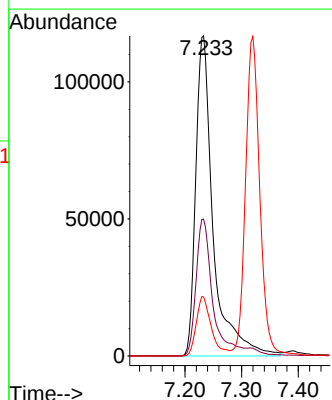
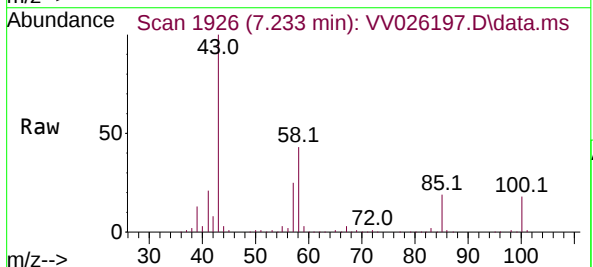
Tgt Ion: 43 Resp: 249526

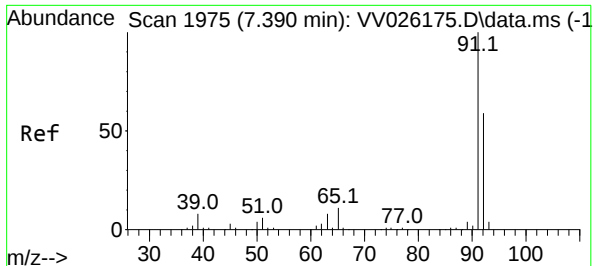
Ion Ratio Lower Upper

43 100

58 40.7 30.9 46.3

100 16.2 12.0 18.0

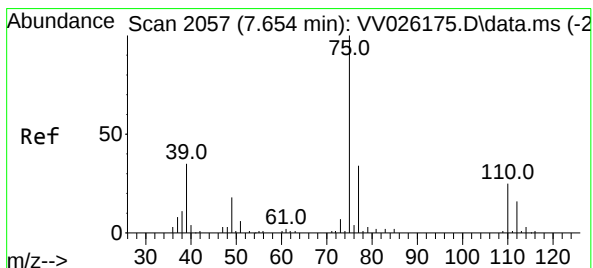
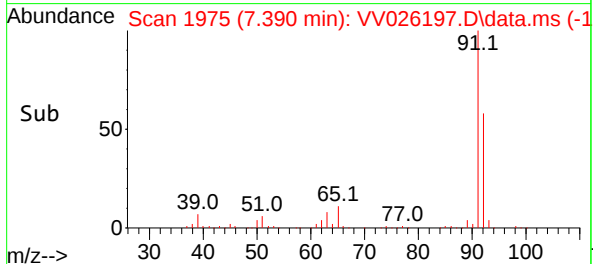
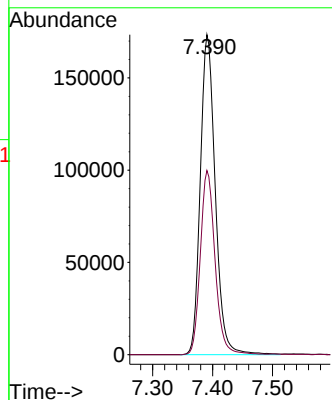
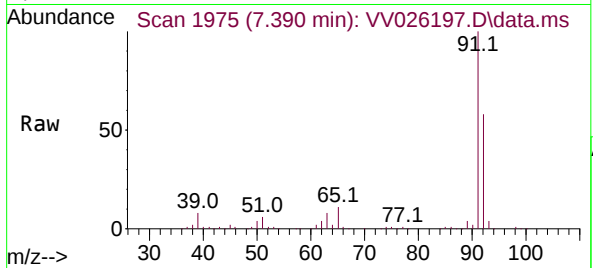




#42
Toluene
Concen: 5.239 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

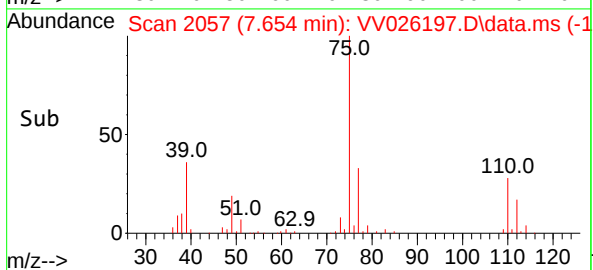
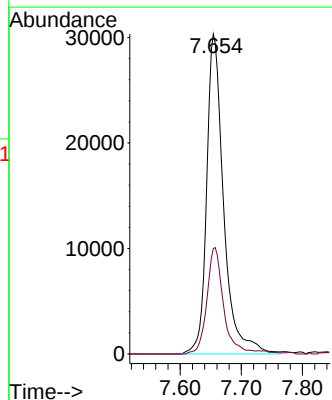
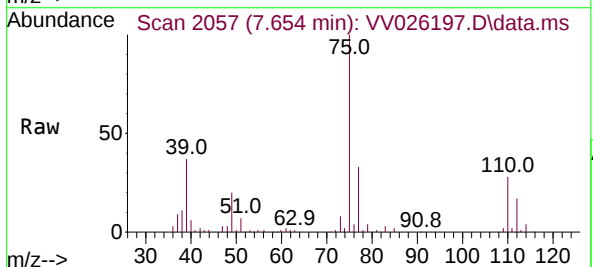
Instrument :
MSVOA_V
ClientSampleId :

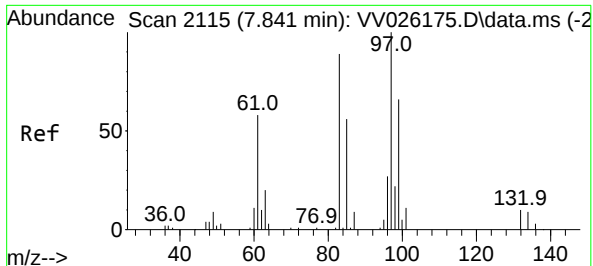
Tgt Ion: 91 Resp: 301689
Ion Ratio Lower Upper
91 100
92 57.5 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 4.735 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

Tgt Ion: 75 Resp: 58544
Ion Ratio Lower Upper
75 100
77 33.0 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 4.783 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 42420

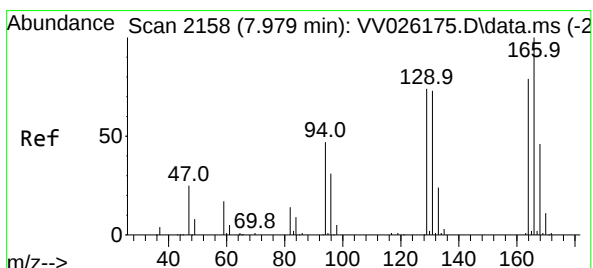
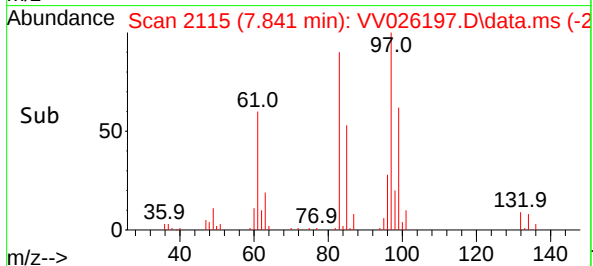
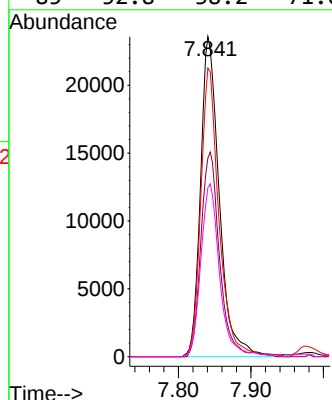
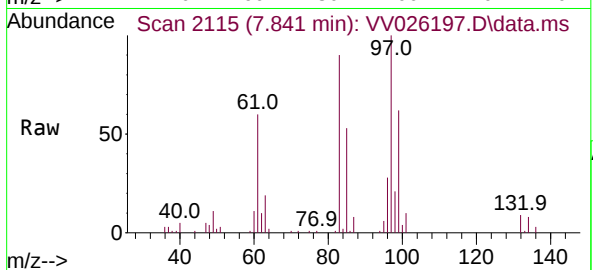
Ion Ratio Lower Upper

97 100

99 62.1 43.0 80.0

83 90.1 58.4 108.4

85 52.8 38.2 71.0



#47

Tetrachloroethene

Concen: 4.729 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Tgt Ion: 164 Resp: 49883

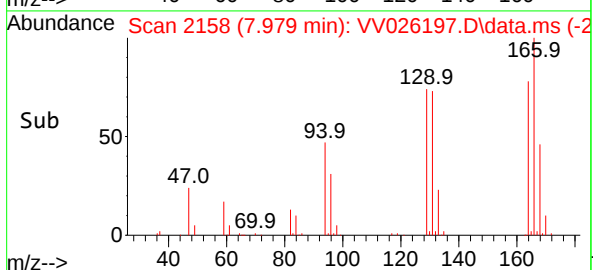
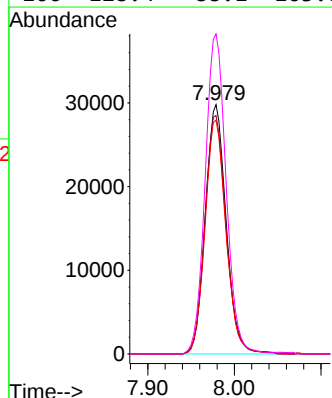
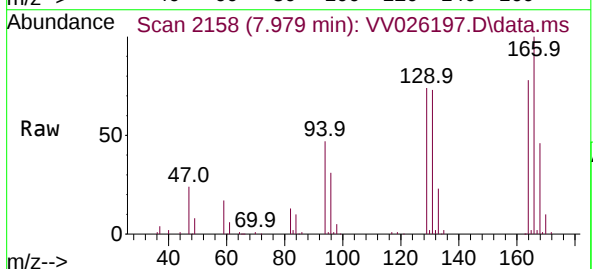
Ion Ratio Lower Upper

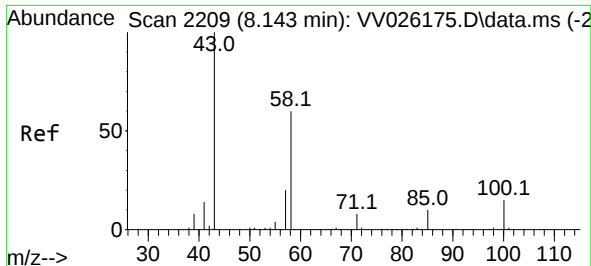
164 100

129 95.6 66.1 122.7

131 93.8 65.0 120.6

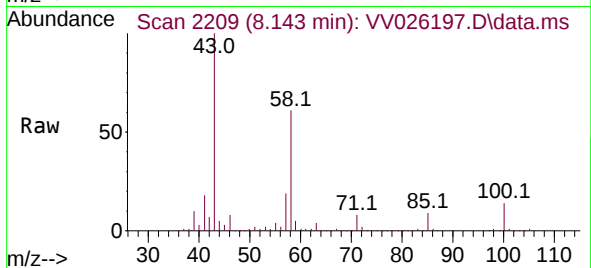
166 128.4 88.1 163.7



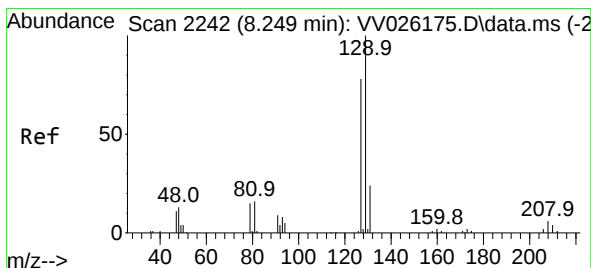
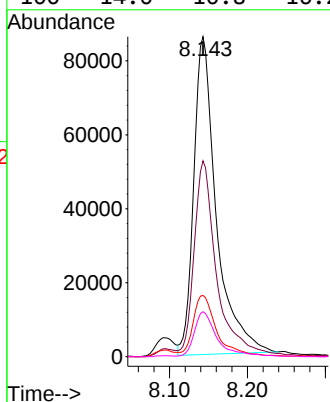
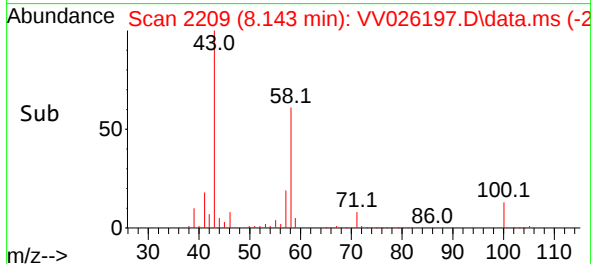


#48
2-Hexanone
Concen: 48.368 ug/L
RT: 8.143 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

Instrument :
MSVOA_V
ClientSampleId :

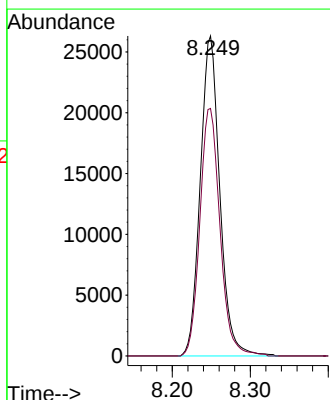
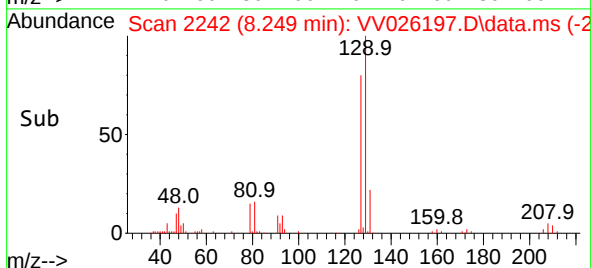
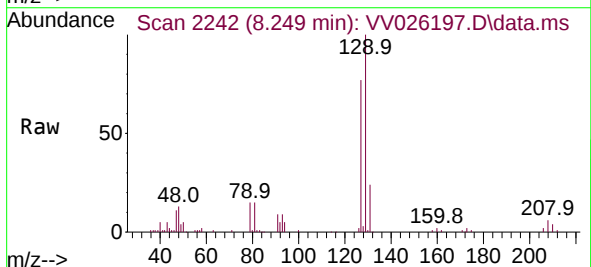


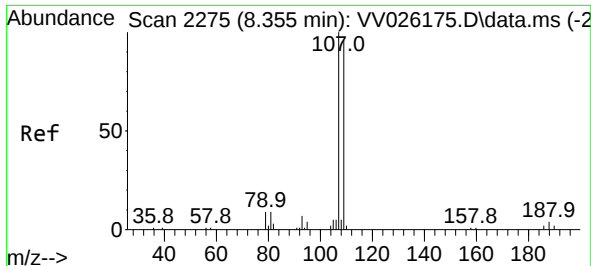
Tgt Ion: 43 Resp: 173183
Ion Ratio Lower Upper
43 100
58 61.1 46.1 69.1
57 20.1 15.3 22.9
100 14.0 10.8 16.2



#49
Dibromochloromethane
Concen: 4.737 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

Tgt Ion: 129 Resp: 45856
Ion Ratio Lower Upper
129 100
127 77.4 50.9 94.5





#50

1,2-Dibromoethane

Concen: 4.938 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026197.D

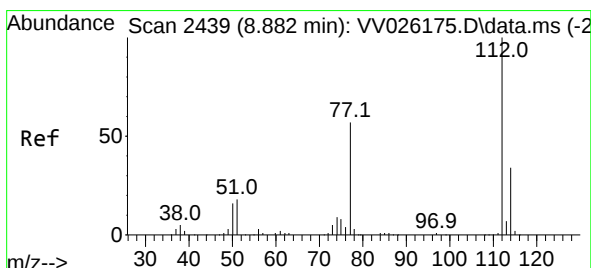
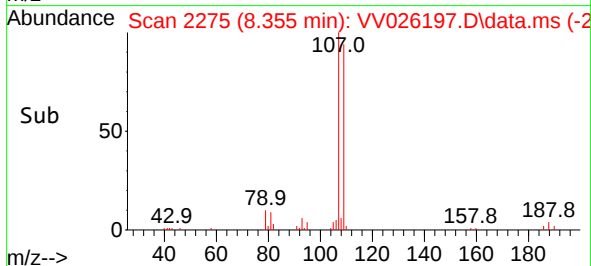
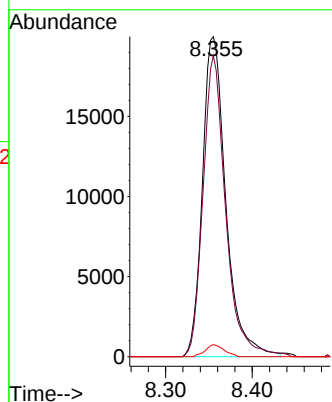
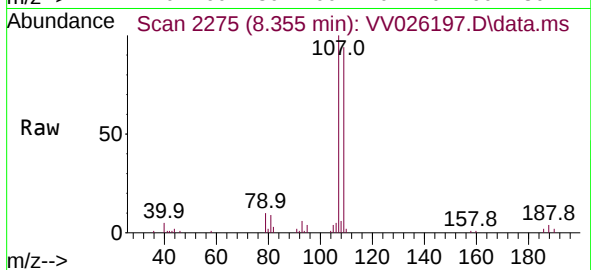
Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	37459
Ion	Ratio	Lower	Upper
107	100		
109	94.2	66.9	124.3
188	3.7	2.9	4.3



#51

Chlorobenzene

Concen: 4.793 ug/L

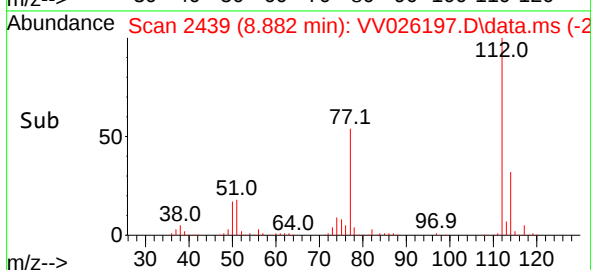
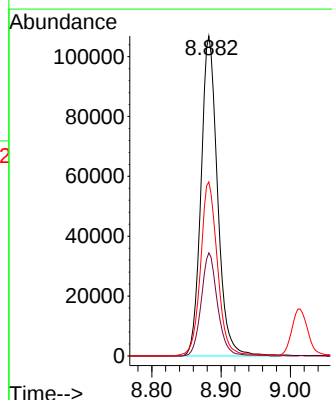
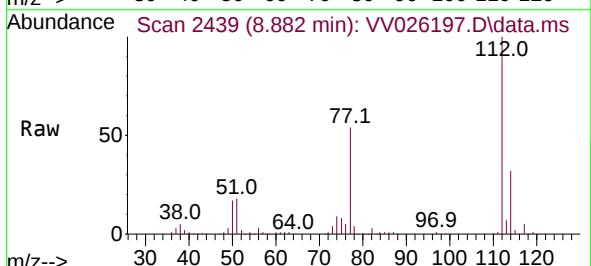
RT: 8.882 min Scan# 2439

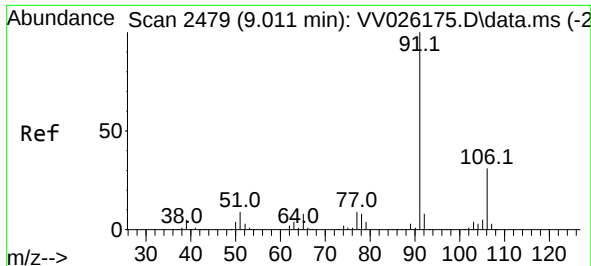
Delta R.T. 0.000 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Tgt Ion:	112	Resp:	177450
Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.8	40.6
77	54.4	44.6	66.8





#52

Ethylbenzene

Concen: 4.891 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

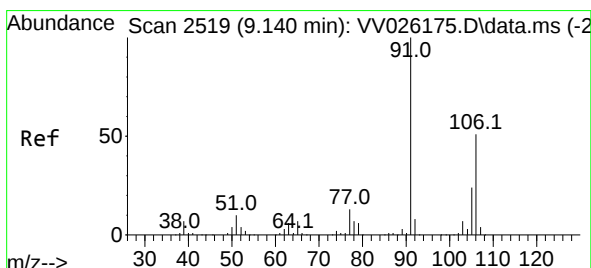
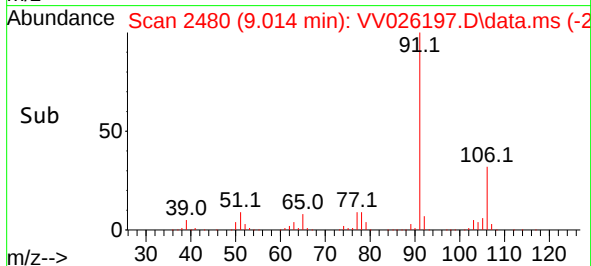
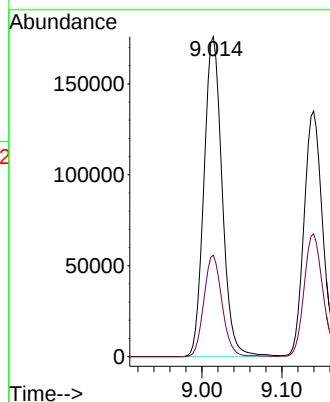
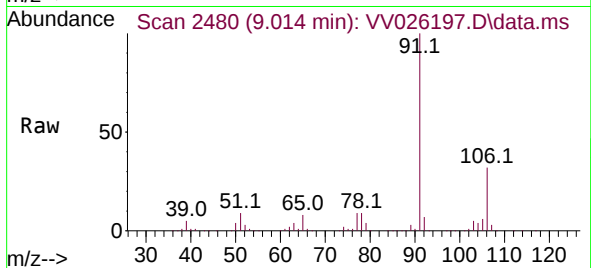
ClientSampleId :

Tgt Ion: 91 Resp: 279438

Ion Ratio Lower Upper

91 100

106 31.7 22.3 41.3



#53

m,p-Xylene

Concen: 5.047 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV026197.D

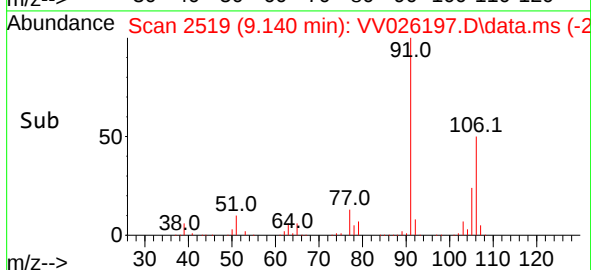
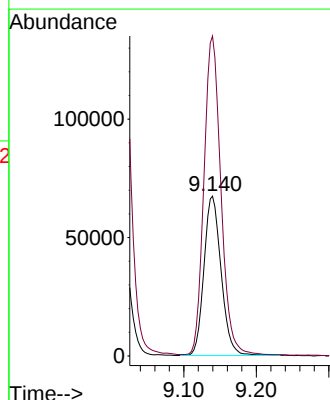
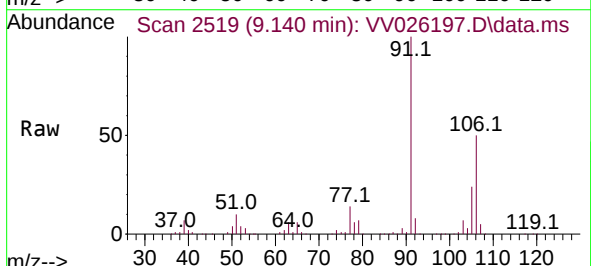
Acq: 13 Jun 2022 05:51

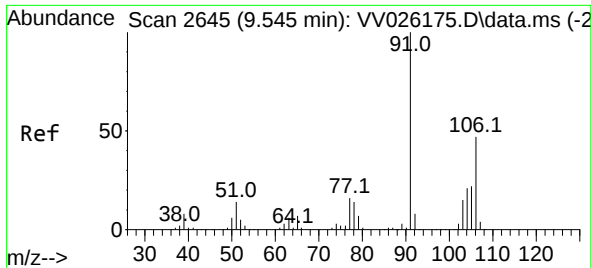
Tgt Ion: 106 Resp: 110385

Ion Ratio Lower Upper

106 100

91 200.1 142.0 263.8

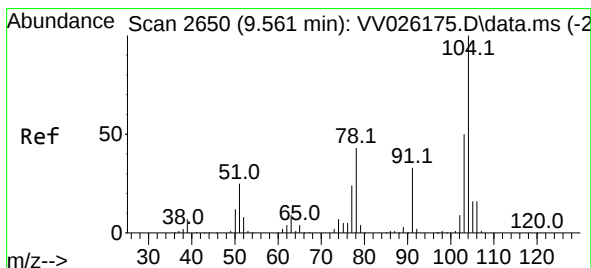
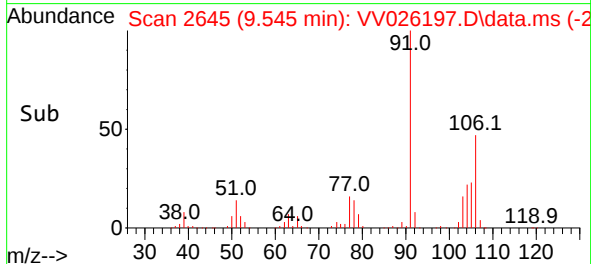
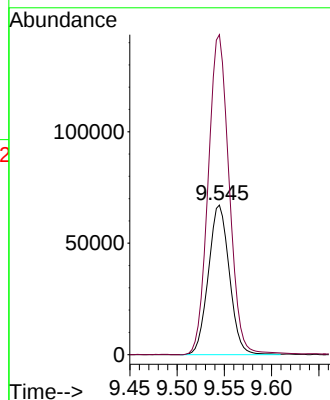
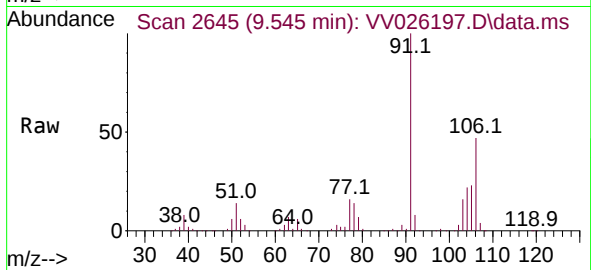




#54
o-Xylene
Concen: 4.906 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

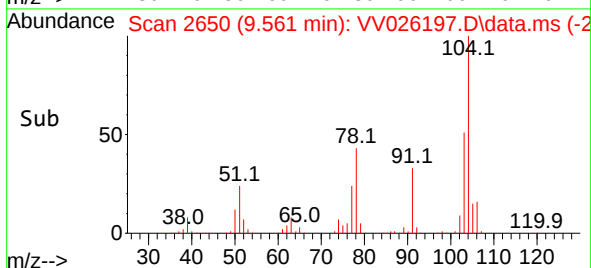
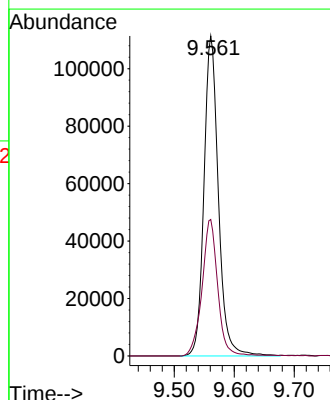
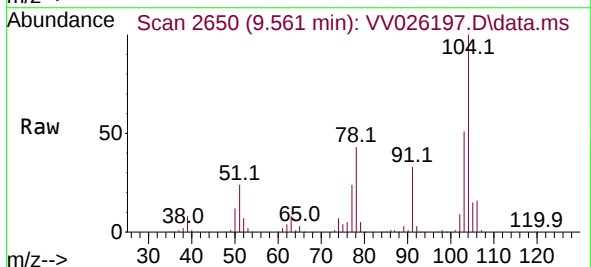
Instrument :
MSVOA_V
ClientSampleId :

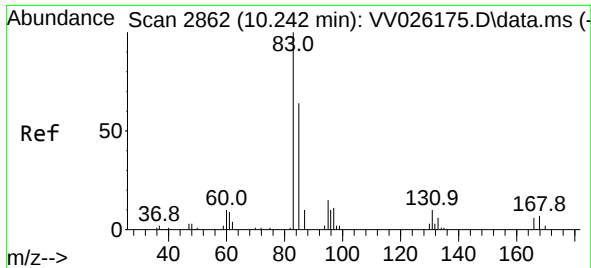
Tgt Ion:106 Resp: 103746
Ion Ratio Lower Upper
106 100
91 213.8 149.0 276.6



#55
Styrene
Concen: 5.358 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

Tgt Ion:104 Resp: 186811
Ion Ratio Lower Upper
104 100
78 42.6 29.7 55.1

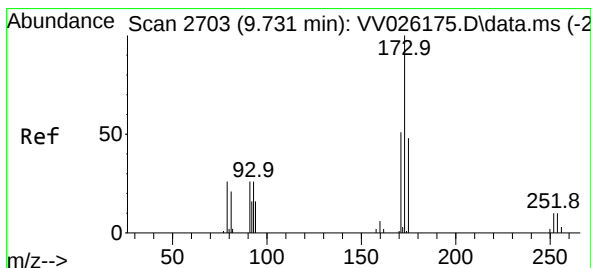
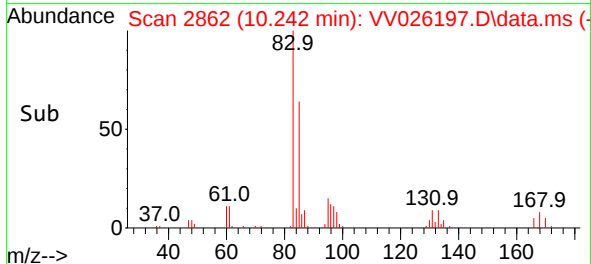
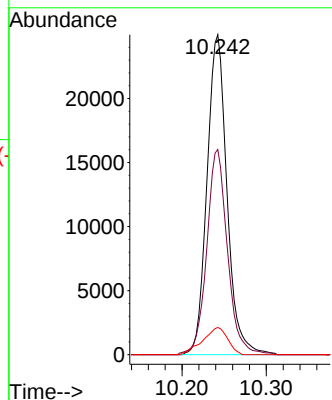
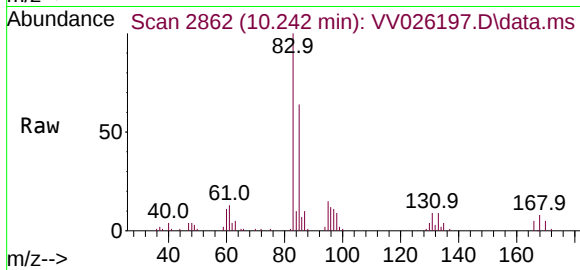




#57
1,1,2,2-Tetrachloroethane
Concen: 4.593 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

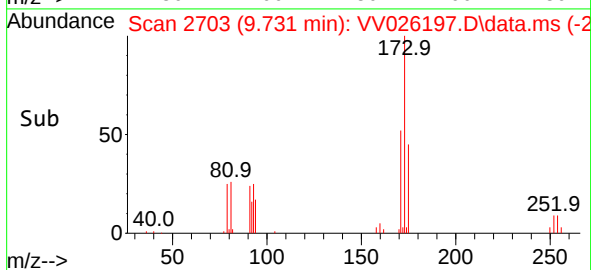
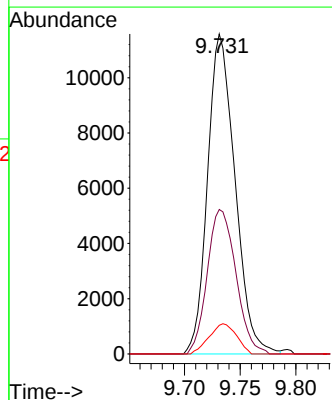
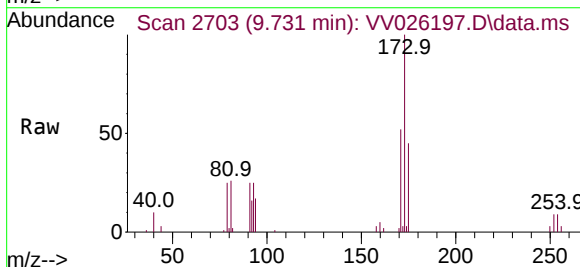
Instrument :
MSVOA_V
ClientSampleId :

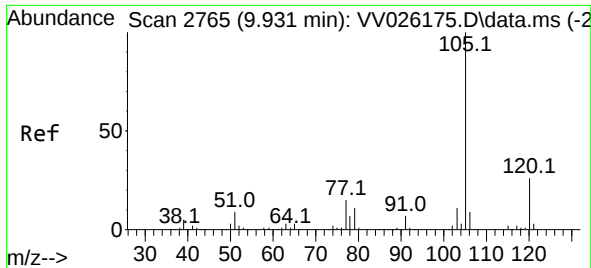
Tgt Ion: 83 Resp: 41288
Ion Ratio Lower Upper
83 100
85 64.1 45.8 85.2
131 8.5 7.1 10.7



#59
Bromoform
Concen: 4.561 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

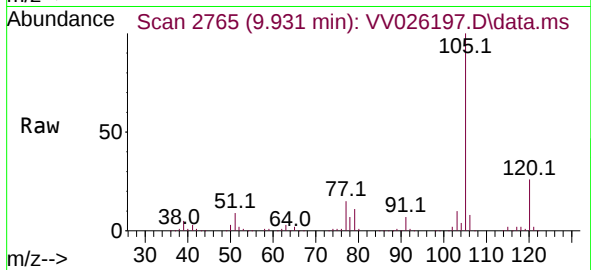
Tgt Ion: 173 Resp: 19826
Ion Ratio Lower Upper
173 100
175 47.2 37.4 56.2
254 9.4 6.5 9.7



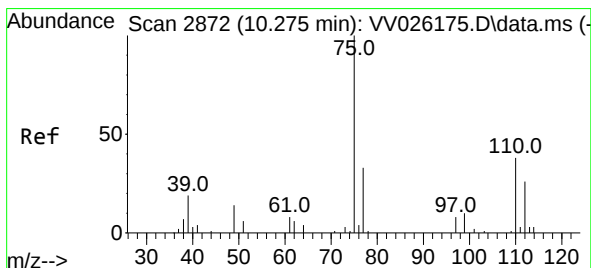
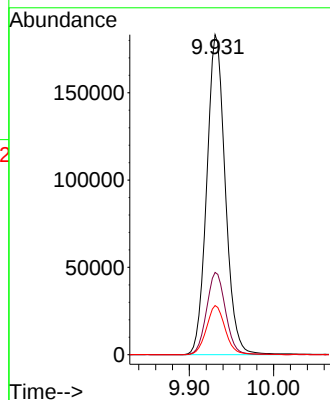
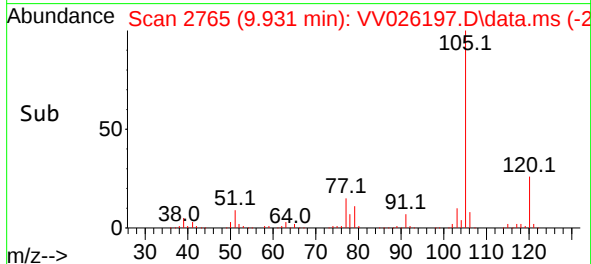


#60
Isopropylbenzene
Concen: 4.737 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

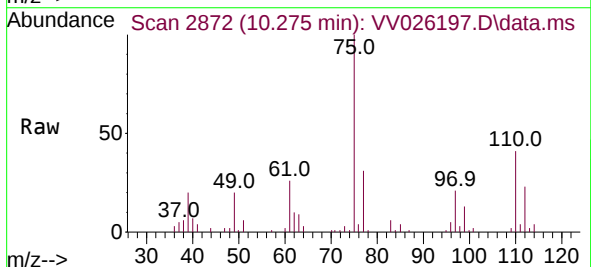
Instrument :
MSVOA_V
ClientSampleId :



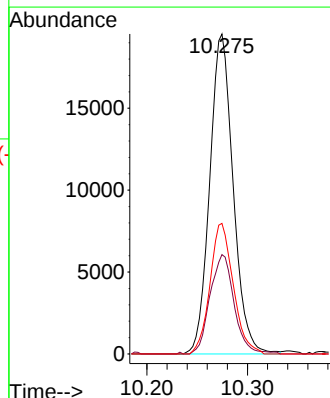
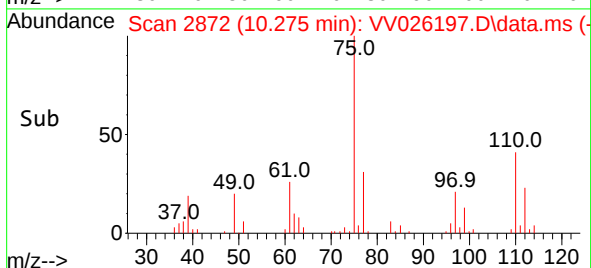
Tgt Ion:105 Resp: 280334
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.0
77 15.7 12.4 18.6

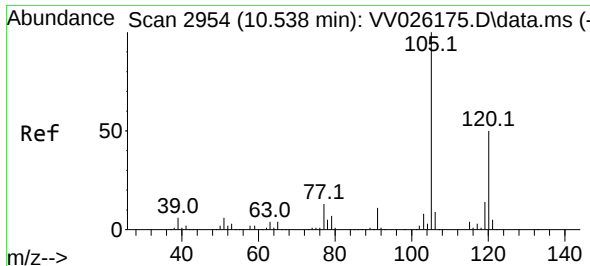


#61
1,2,3-Trichloropropane
Concen: 4.561 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51



Tgt Ion: 75 Resp: 31664
Ion Ratio Lower Upper
75 100
77 31.9 27.8 41.8
110 40.5 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 4.503 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

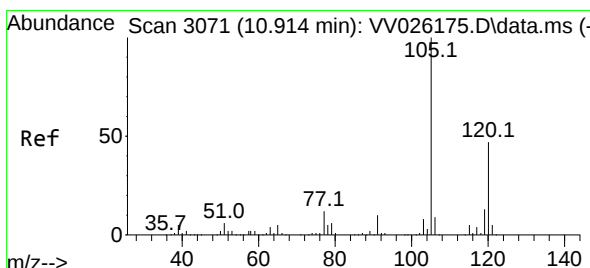
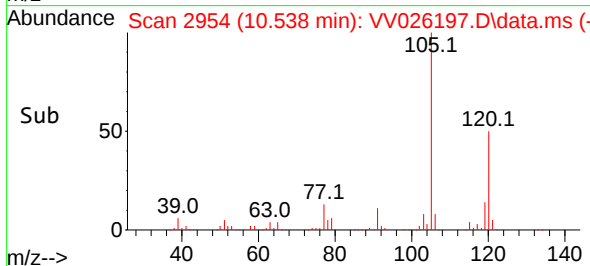
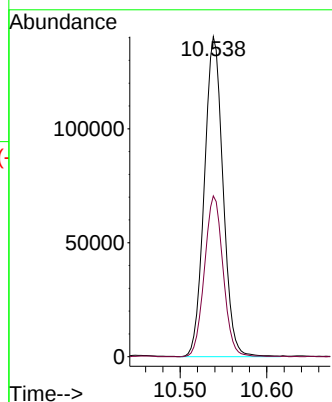
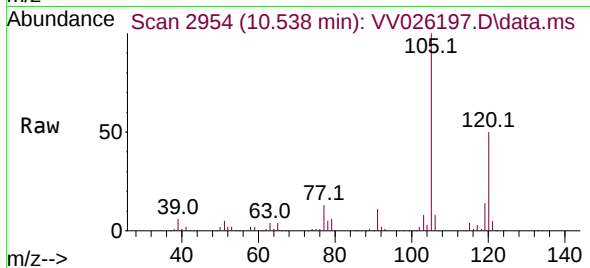
ClientSampleId :

Tgt Ion:105 Resp: 210130

Ion Ratio Lower Upper

105 100

120 50.3 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.572 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026197.D

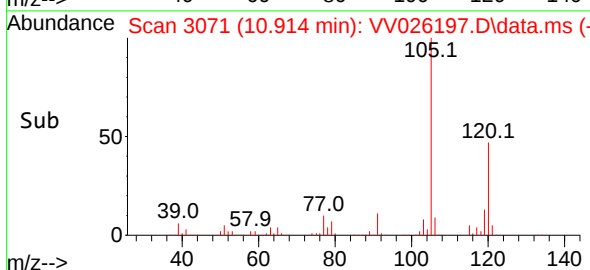
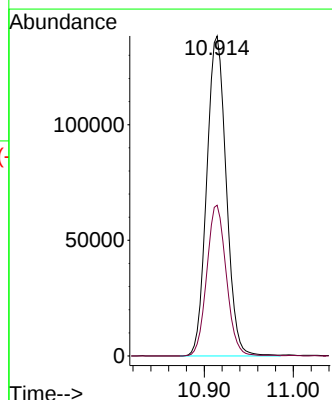
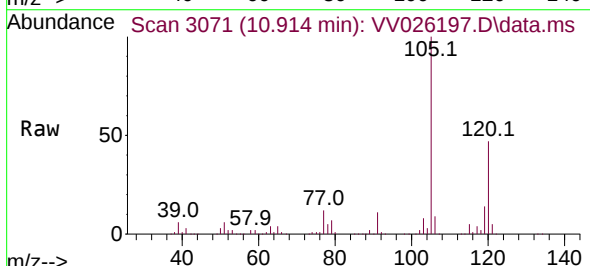
Acq: 13 Jun 2022 05:51

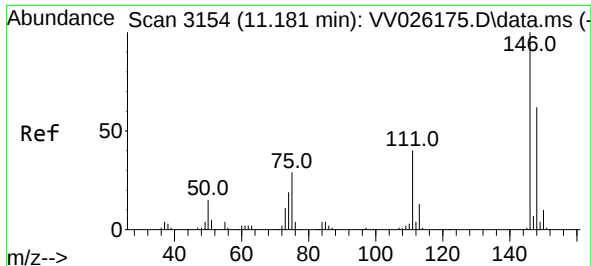
Tgt Ion:105 Resp: 210007

Ion Ratio Lower Upper

105 100

120 47.1 36.9 55.3

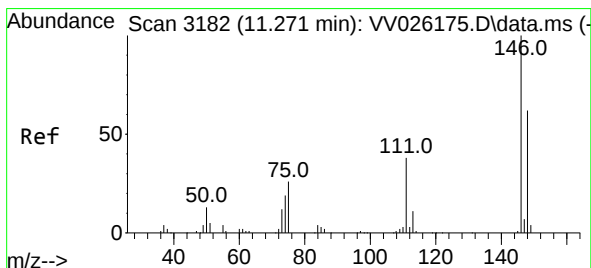
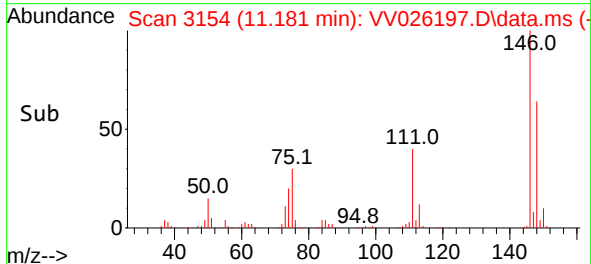
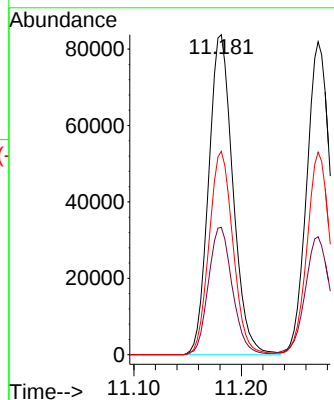
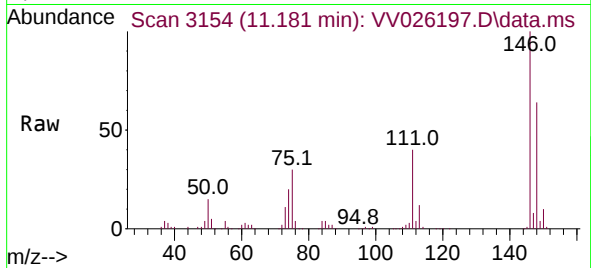




#64
1,3-Dichlorobenzene
Concen: 4.660 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

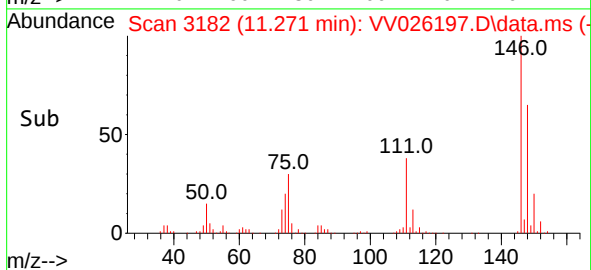
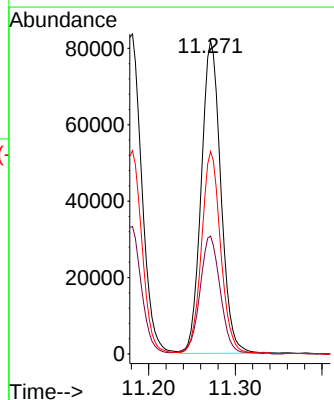
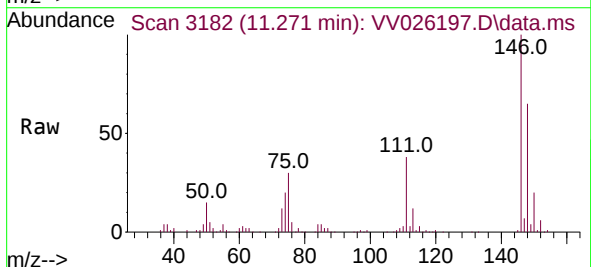
Instrument :
MSVOA_V
ClientSampleId :

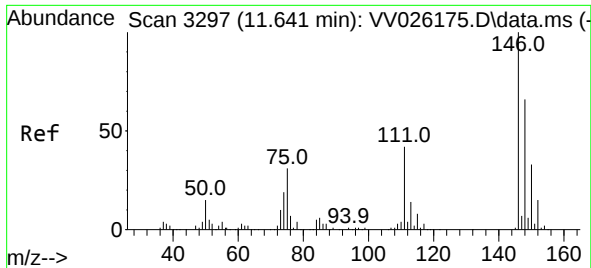
Tgt Ion:146 Resp: 131506
Ion Ratio Lower Upper
146 100
111 39.8 27.2 50.4
148 63.6 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.581 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026197.D
Acq: 13 Jun 2022 05:51

Tgt Ion:146 Resp: 128226
Ion Ratio Lower Upper
146 100
111 37.7 27.2 50.4
148 64.7 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 4.564 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

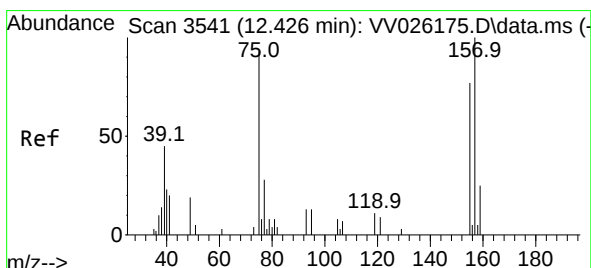
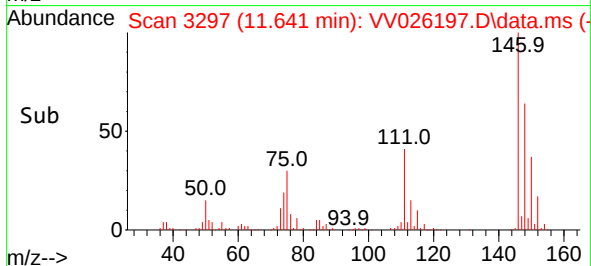
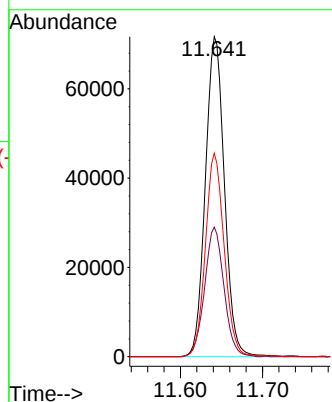
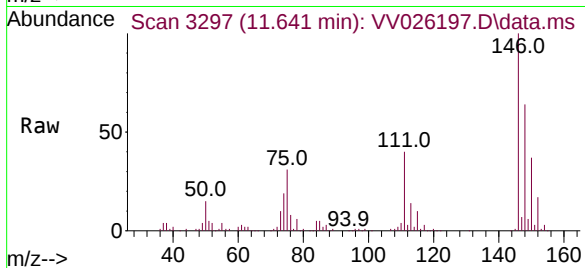
Tgt Ion:146 Resp: 115470

Ion Ratio Lower Upper

146 100

111 40.5 32.6 49.0

148 63.6 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.159 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

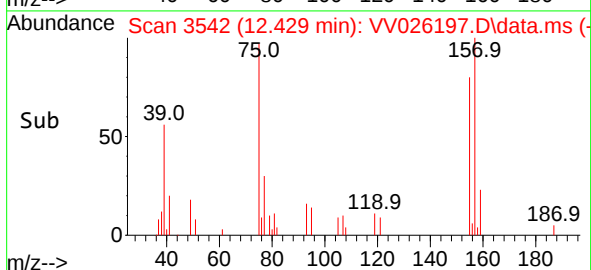
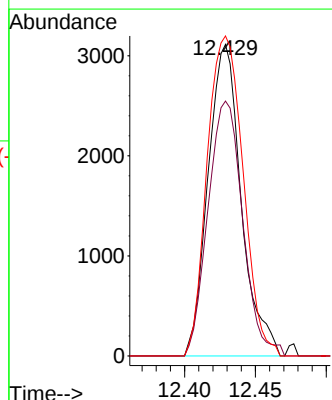
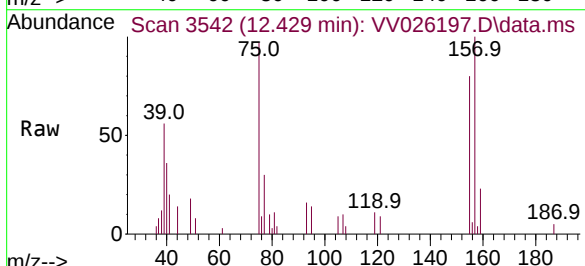
Tgt Ion: 75 Resp: 5067

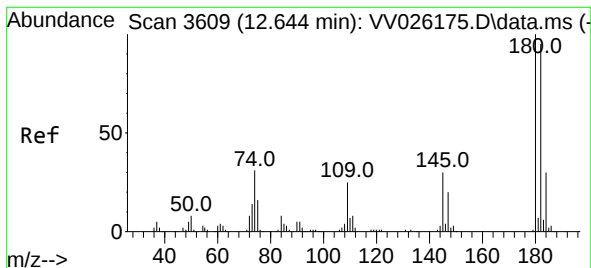
Ion Ratio Lower Upper

75 100

155 81.8 67.0 100.6

157 102.7 77.7 116.5





#69

1,3,5-Trichlorobenzene

Concen: 4.294 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

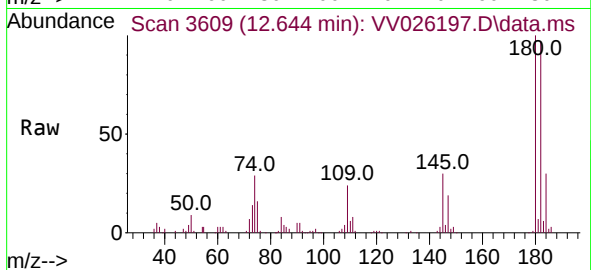
Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 85161

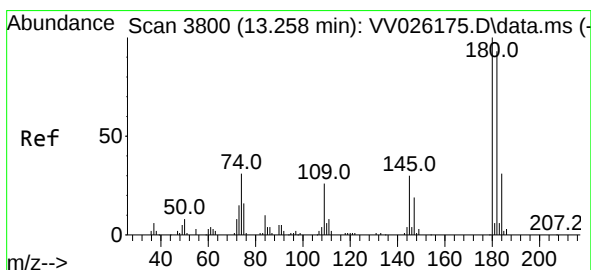
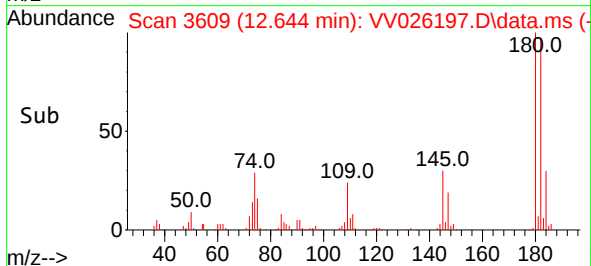
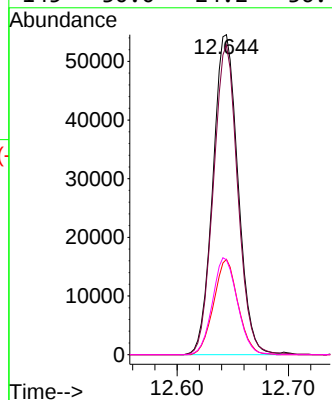
Ion Ratio Lower Upper

180 100

182 94.3 74.6 111.8

184 28.9 23.5 35.3

145 30.0 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 4.115 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

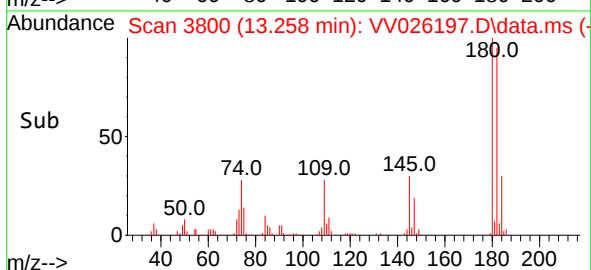
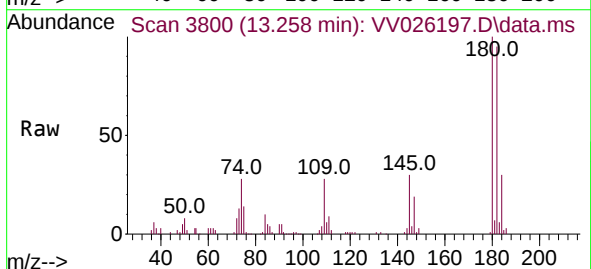
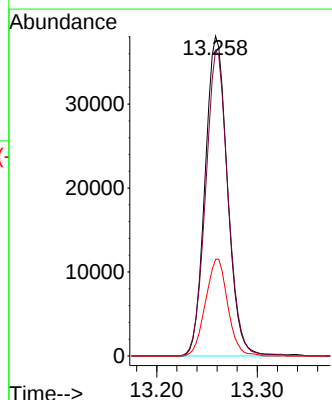
Tgt Ion:180 Resp: 58752

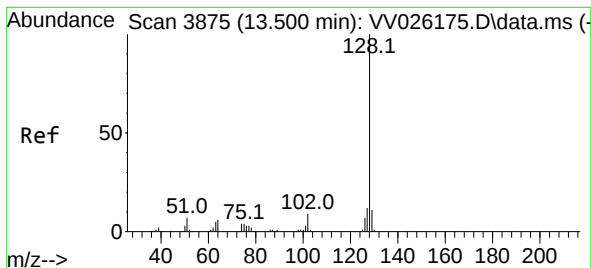
Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.6

145 30.2 23.8 35.8





#71

Naphthalene

Concen: 3.910 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026197.D

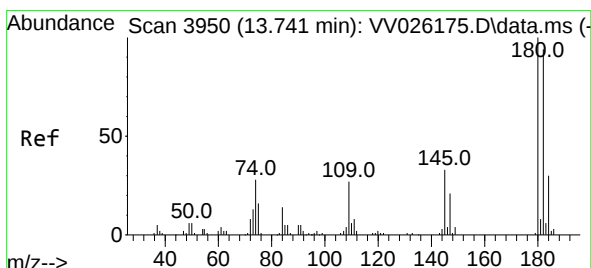
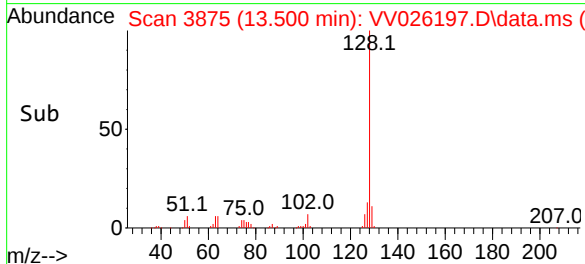
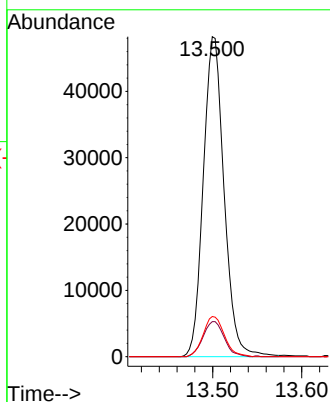
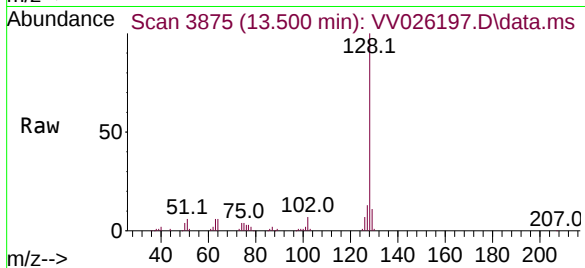
Acq: 13 Jun 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	78021
Ion Ratio	Lower	Upper
128	100	
129	11.2	9.0 13.4
127	12.8	10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.244 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026197.D

Acq: 13 Jun 2022 05:51

Tgt Ion:180	Resp:	50021
Ion Ratio	Lower	Upper
180	100	
182	96.2	72.3 108.5
145	33.1	25.4 38.0

