

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026409.D
 Acq On : 18 Jun 2022 02:52
 Operator : SY/MD
 Sample : N3558-08MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 03:26:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	197918	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	187669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	95168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	49145	2.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.200%
7) Chloroethane-d5	1.584	69	46309	3.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.124	63	106256	3.599	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.934	46	81099	48.348	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.700%
24) Chloroform-d	4.365	84	115710	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.047	65	45535	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.063	84	202219	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.079	67	64259	4.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.320	98	185747	4.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.629	79	14740	3.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.000%
46) 2-Hexanone-d5	8.095	63	68671	47.876	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46434	5.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	63181	4.310	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.147	85	71855	4.856	ug/L	100
3) Chloromethane	1.256	50	75739	4.609	ug/L	98
5) Vinyl chloride	1.327	62	83714	4.900	ug/L	93
6) Bromomethane	1.539	94	41219	4.317	ug/L	99
8) Chloroethane	1.600	64	85415	8.054	ug/L #	81
9) Trichlorofluoromethane	1.770	101	118511	5.025	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.134	101	67199	4.913	ug/L	99
12) 1,1-Dichloroethene	2.134	96	65808	5.263	ug/L	91
13) Acetone	2.224	43	70502	54.235	ug/L	94
14) Carbon disulfide	2.311	76	179916	5.836	ug/L	99
15) Methyl Acetate	2.465	43	15298	4.905	ug/L	98
16) Methylene chloride	2.523	84	65361	4.097	ug/L	99
17) Methyl tert-butyl Ether	2.790	73	109032	5.071	ug/L	98
18) trans-1,2-Dichloroethene	2.777	96	62703	5.171	ug/L	99
19) 1,1-Dichloroethane	3.208	63	125391	5.422	ug/L	100
21) 2-Butanone	4.021	43	81562	48.490	ug/L	95
22) cis-1,2-Dichloroethene	3.928	96	65271	5.320	ug/L	97
23) Bromochloromethane	4.265	128	27511	5.284	ug/L	95
25) Chloroform	4.391	83	131529	5.243	ug/L	98

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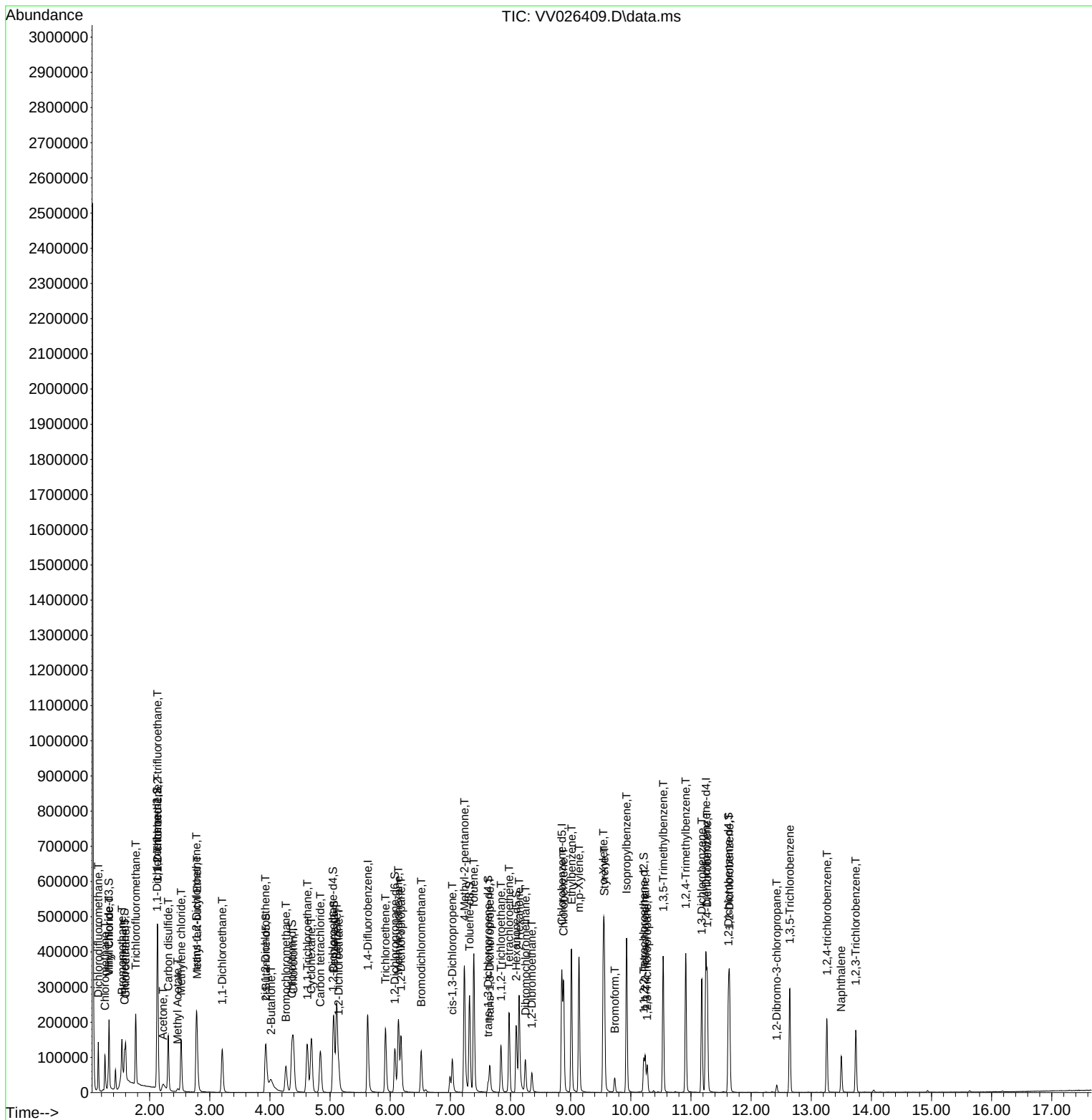
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 ClientSampleId :

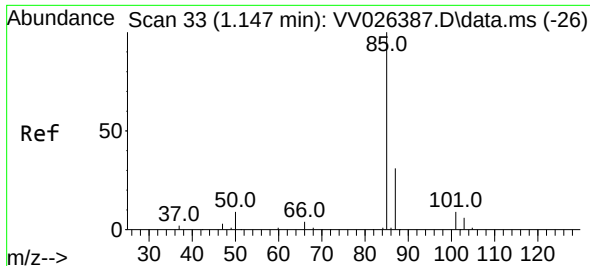
Quant Time: Jun 18 03:26:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	59860	5.242	ug/L	98
29) 1,1,1-Trichloroethane	4.622	97	112927	5.446	ug/L	99
30) Cyclohexane	4.690	56	74873	4.827	ug/L	99
31) Carbon tetrachloride	4.838	117	90378	5.146	ug/L	100
33) Benzene	5.111	78	266952	5.548	ug/L	100
34) Trichloroethene	5.921	95	65157	4.960	ug/L	98
35) Methylcyclohexane	6.137	83	82356	4.532	ug/L	100
37) 1,2-Dichloropropane	6.178	63	68071	5.409	ug/L	98
38) Bromodichloromethane	6.516	83	81751	5.356	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	61976	4.315	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	246140	53.195	ug/L	98
42) Toluene	7.391	91	296976	5.868	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	47255	4.120	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	43126	5.221	ug/L	97
47) Tetrachloroethene	7.979	164	50912	5.233	ug/L	98
48) 2-Hexanone	8.143	43	174757	52.714	ug/L	98
49) Dibromochloromethane	8.249	129	46244	5.055	ug/L	93
50) 1,2-Dibromoethane	8.355	107	36494	5.185	ug/L #	96
51) Chlorobenzene	8.883	112	177456	5.371	ug/L	99
52) Ethylbenzene	9.014	91	279522	5.510	ug/L	100
53) m,p-Xylene	9.140	106	113955	5.763	ug/L	93
54) o-Xylene	9.545	106	101970	5.323	ug/L	98
55) Styrene	9.561	104	178265	5.541	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	49527	5.911	ug/L	97
59) Bromoform	9.735	173	18601	4.452	ug/L	98
60) Isopropylbenzene	9.931	105	277681	5.473	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	32478	5.259	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	207455	5.153	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	214592	5.385	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	133093	5.339	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	134740	5.318	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	116649	5.283	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5051	4.617	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	90959	5.046	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	63504	4.777	ug/L	99
71) Naphthalene	13.500	128	82722	4.481	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54507	4.897	ug/L	95

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

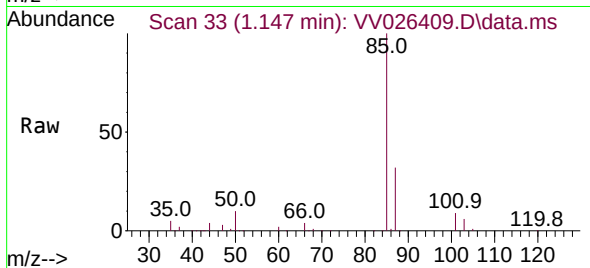
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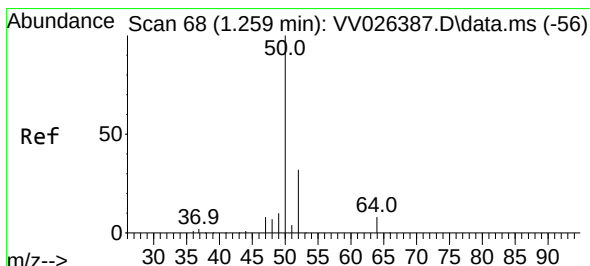
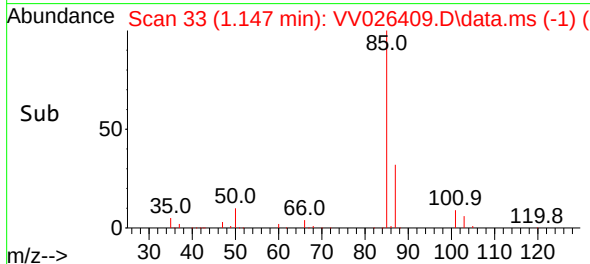
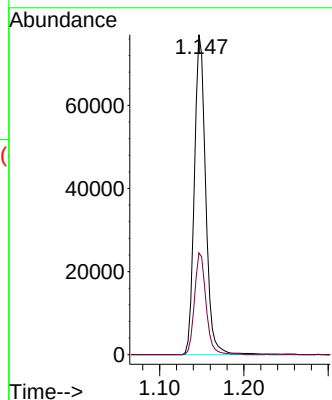


#2
 Dichlorodifluoromethane
 Concen: 4.856 ug/L
 RT: 1.147 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026409.D
 Acq: 18 Jun 2022 02:52

Instrument :
 MSVOA_V
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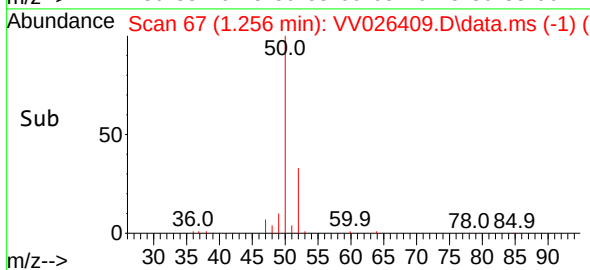
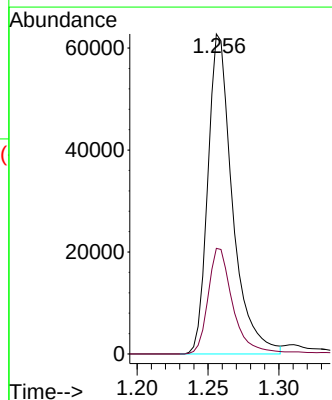
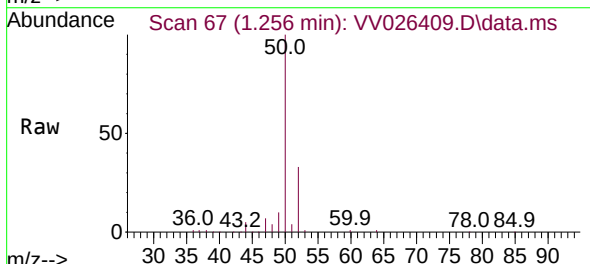


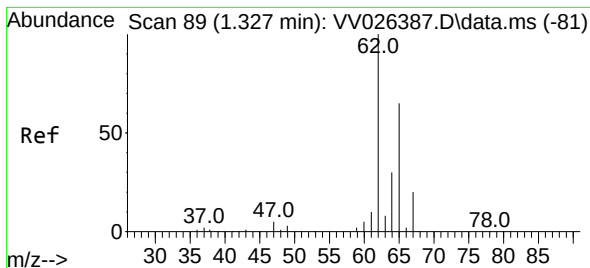
Tgt Ion: 85 Resp: 71855
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 4.609 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. -0.003 min
 Lab File: VV026409.D
 Acq: 18 Jun 2022 02:52

Tgt Ion: 50 Resp: 75739
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 44.1





#5

Vinyl chloride

Concen: 4.900 ug/L

RT: 1.327 min Scan# 89

Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

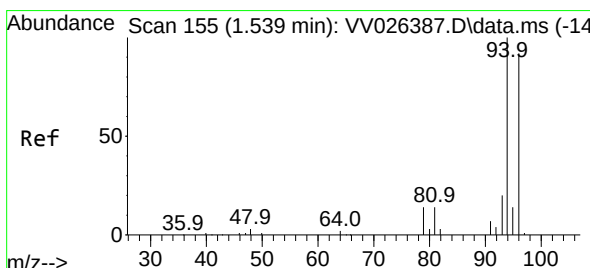
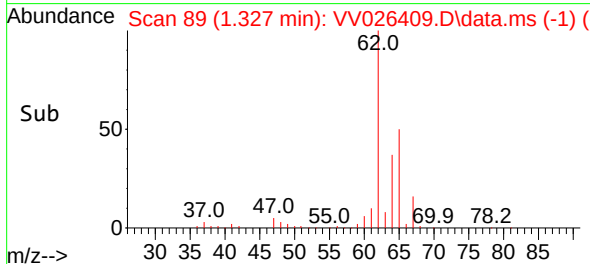
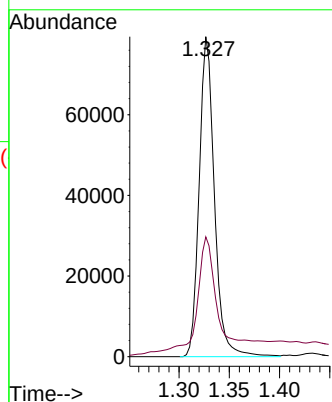
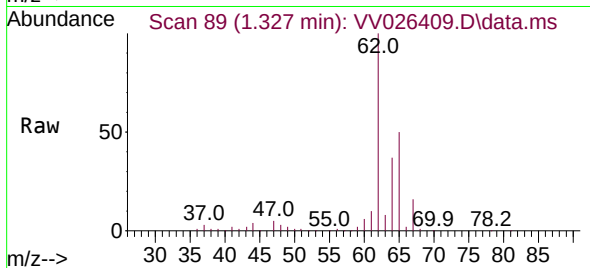
ClientSampleId :

Tgt Ion: 62 Resp: 83714

Ion Ratio Lower Upper

62 100

64 37.4 23.2 43.2



#6

Bromomethane

Concen: 4.317 ug/L

RT: 1.539 min Scan# 155

Delta R.T. -0.000 min

Lab File: VV026409.D

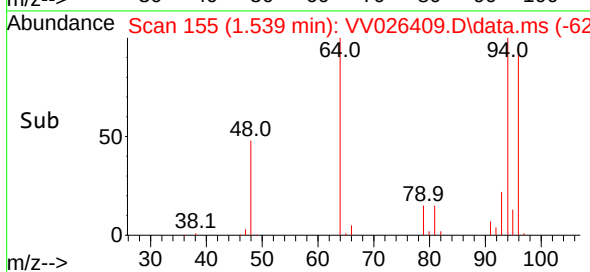
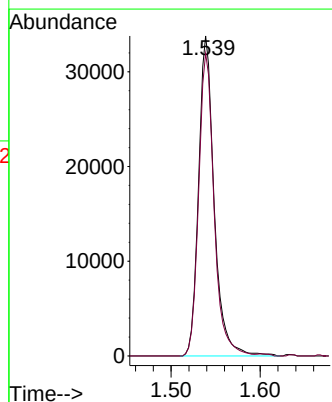
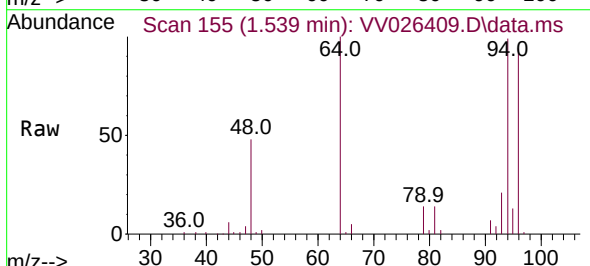
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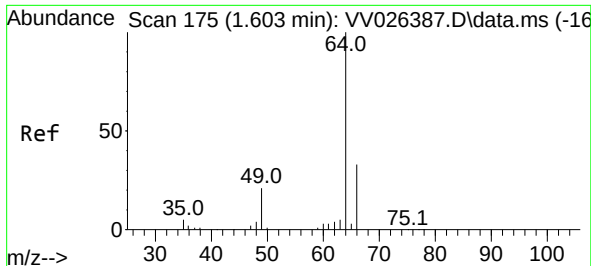
Tgt Ion: 94 Resp: 41219

Ion Ratio Lower Upper

94 100

96 94.6 65.7 121.9

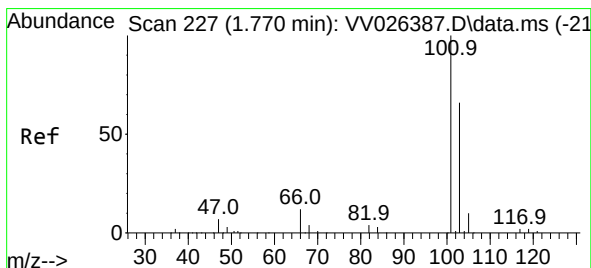
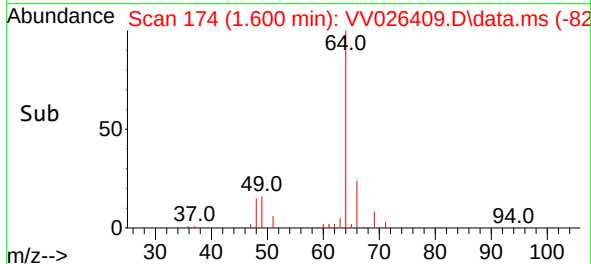
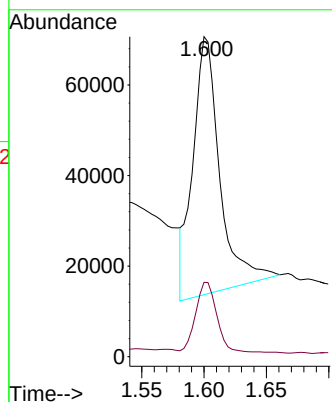
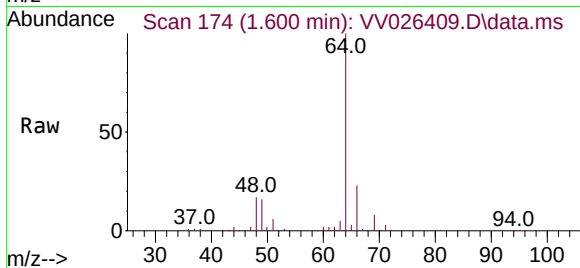




#8
Chloroethane
Concen: 8.054 ug/L
RT: 1.600 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

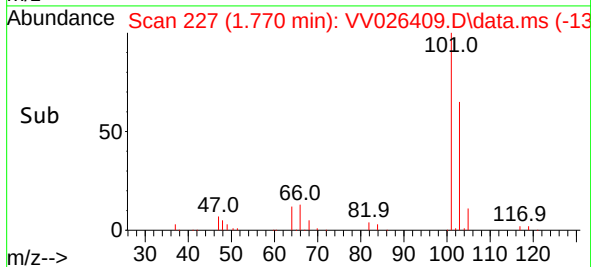
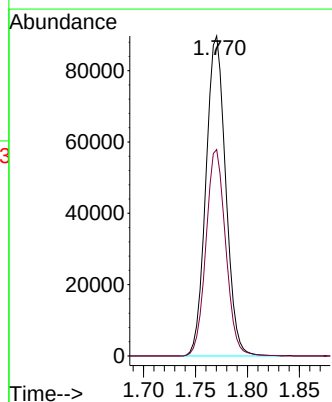
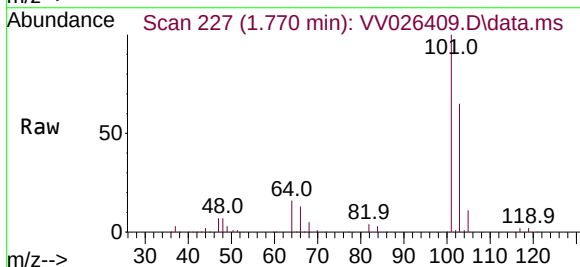
Instrument :
MSVOA_V
ClientSampleId :

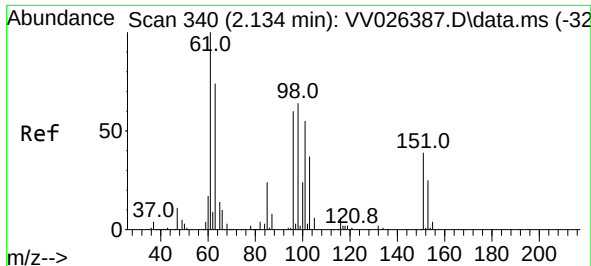
Tgt Ion: 64 Resp: 85415
Ion Ratio Lower Upper
64 100
66 23.2 24.1 44.7#



#9
Trichlorofluoromethane
Concen: 5.025 ug/L
RT: 1.770 min Scan# 227
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

Tgt Ion:101 Resp: 118511
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5

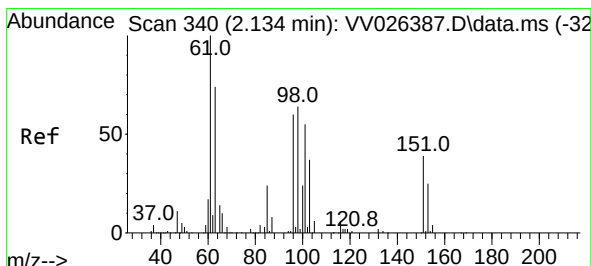
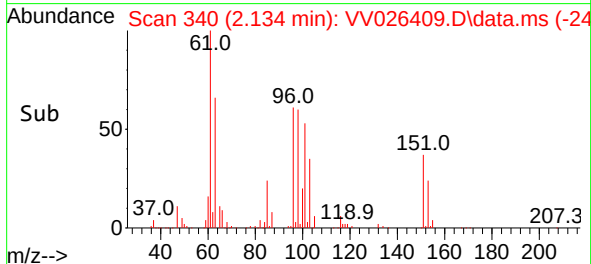
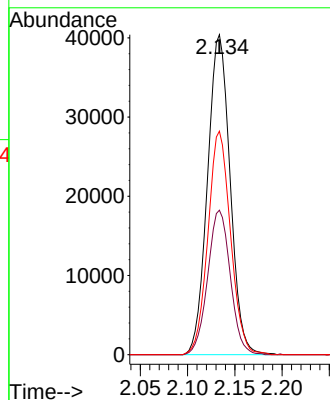
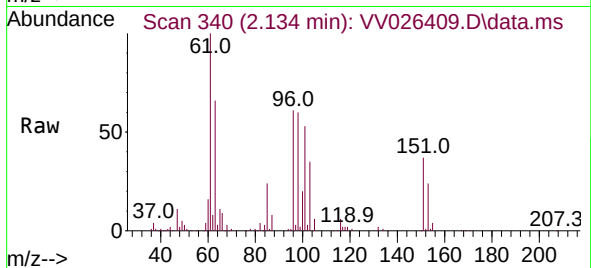




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.913 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VV026409.D
 Acq: 18 Jun 2022 02:52

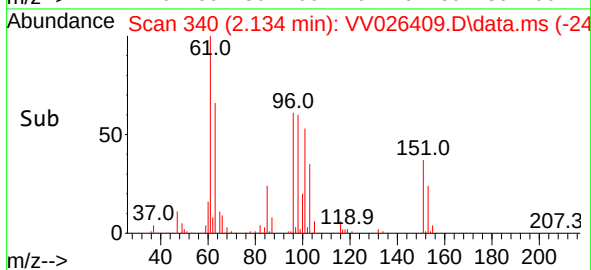
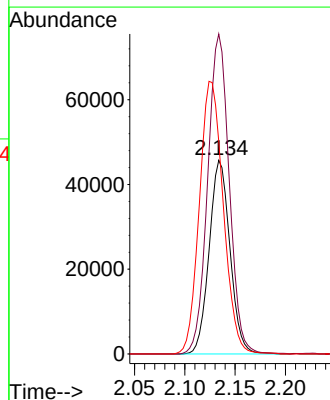
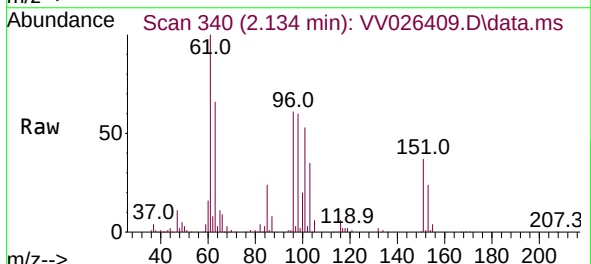
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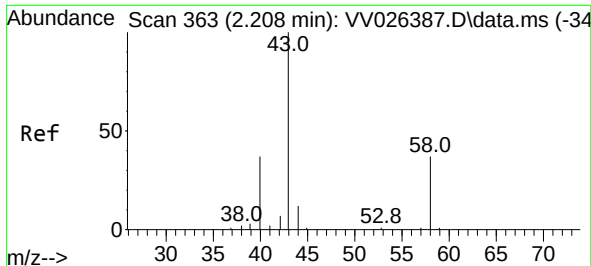
Tgt Ion:101 Resp: 67199
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.3 52.9
 151 69.9 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.263 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VV026409.D
 Acq: 18 Jun 2022 02:52

Tgt Ion: 96 Resp: 65808
 Ion Ratio Lower Upper
 96 100
 61 165.3 117.1 217.5
 63 109.7 92.8 172.4

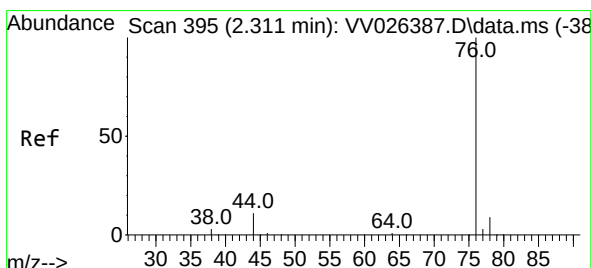
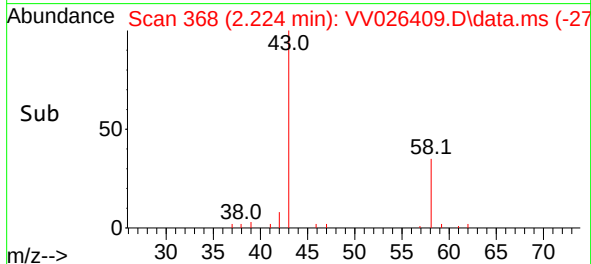
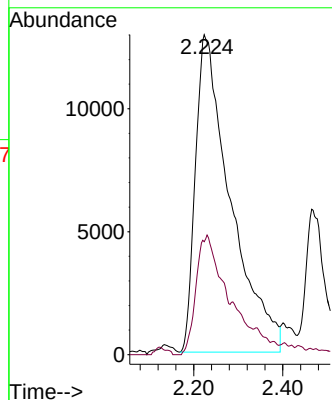
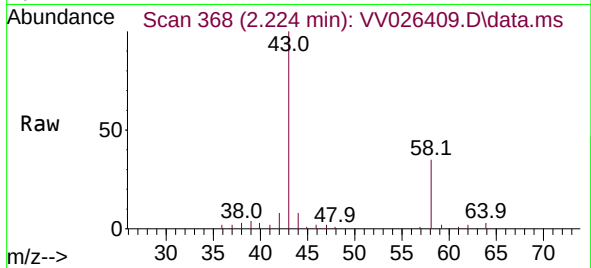




#13
Acetone
Concen: 54.235 ug/L
RT: 2.224 min Scan# 368
Delta R.T. 0.016 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

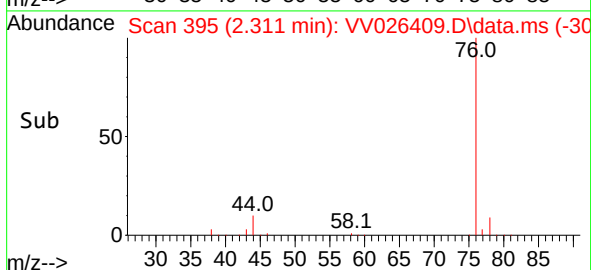
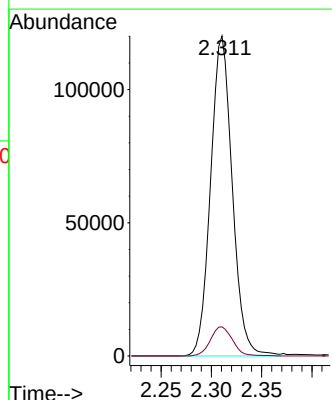
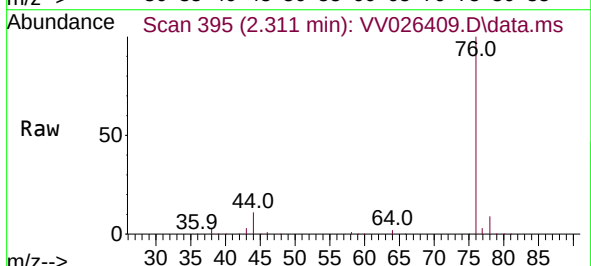
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ClientSampleId :

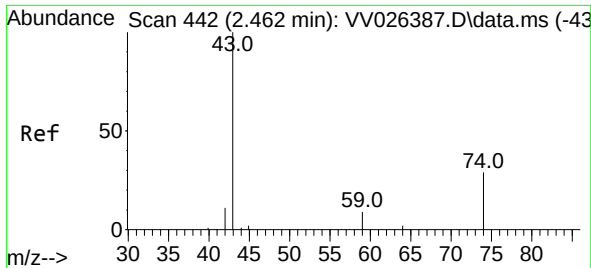
Tgt Ion: 43 Resp: 70502
Ion Ratio Lower Upper
43 100
58 26.7 0.0 60.0



#14
Carbon disulfide
Concen: 5.836 ug/L
RT: 2.311 min Scan# 395
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

Tgt Ion: 76 Resp: 179916
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

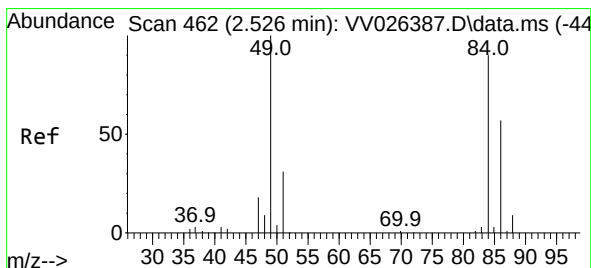
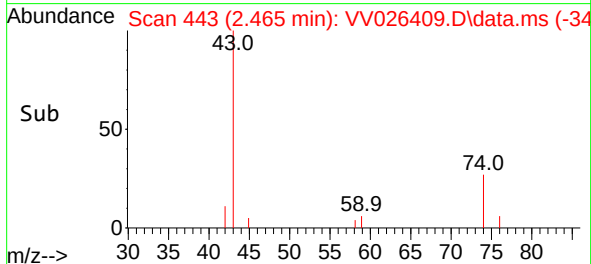
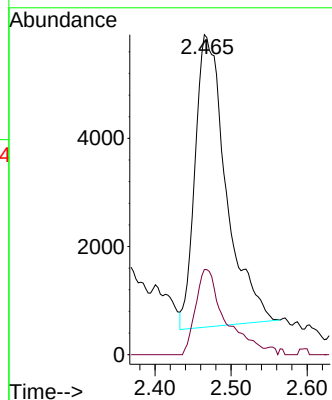
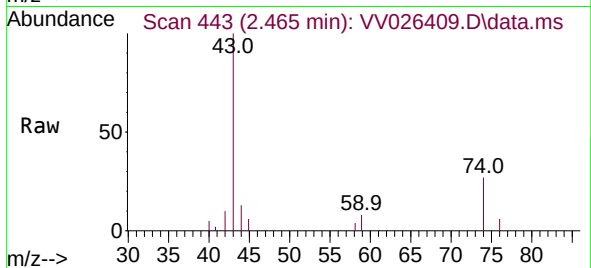




#15
Methyl Acetate
Concen: 4.905 ug/L
RT: 2.465 min Scan# 442
Delta R.T. 0.003 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

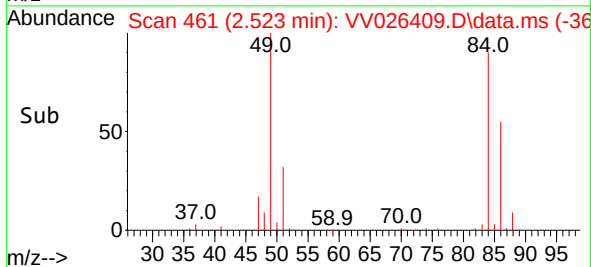
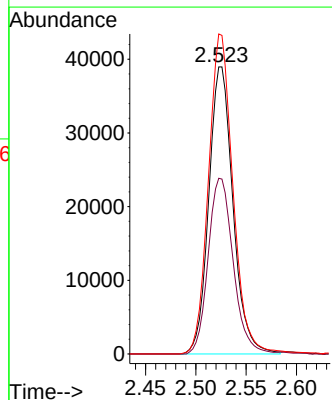
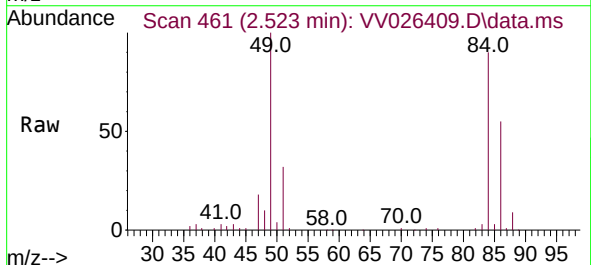
Instrument :
MSVOA_V
ClientSampleId :

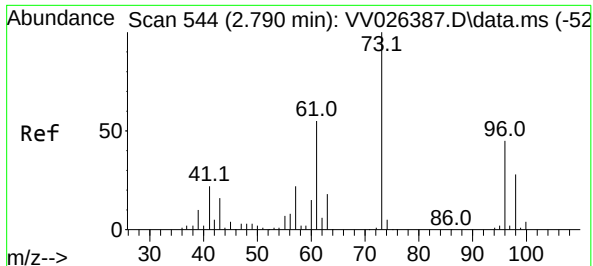
Tgt Ion: 43 Resp: 15298
Ion Ratio Lower Upper
43 100
74 27.9 21.4 32.0



#16
Methylene chloride
Concen: 4.097 ug/L
RT: 2.523 min Scan# 461
Delta R.T. -0.003 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

Tgt Ion: 84 Resp: 65361
Ion Ratio Lower Upper
84 100
86 61.2 44.0 81.8
49 111.5 77.3 143.7

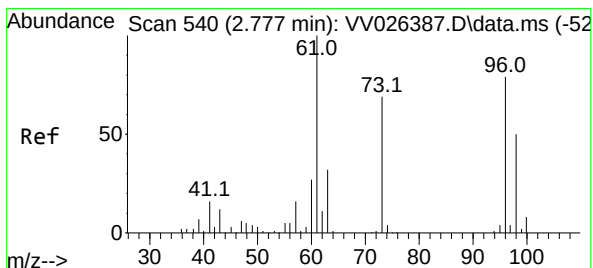
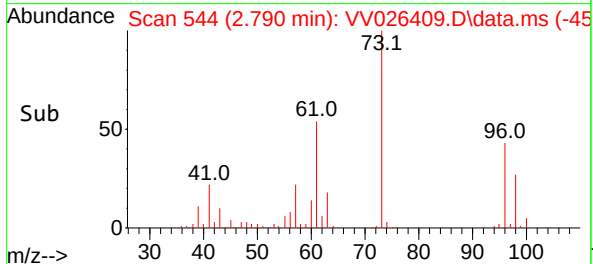
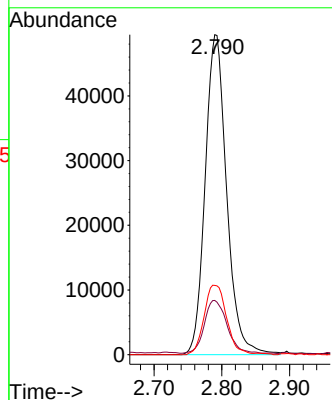
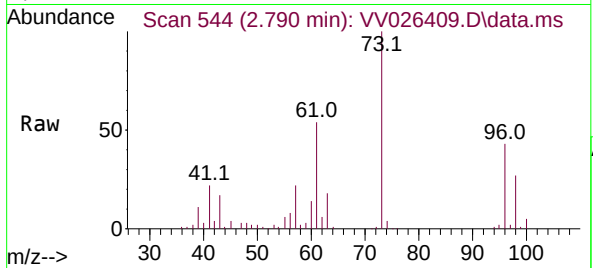




#17
Methyl tert-butyl Ether
Concen: 5.071 ug/L
RT: 2.790 min Scan# 544
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

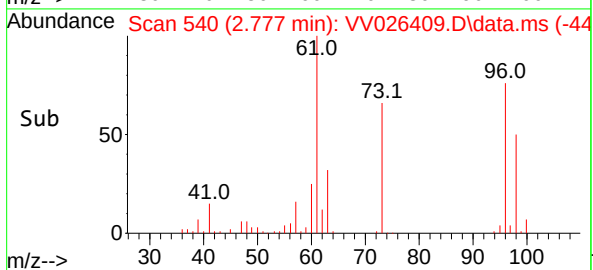
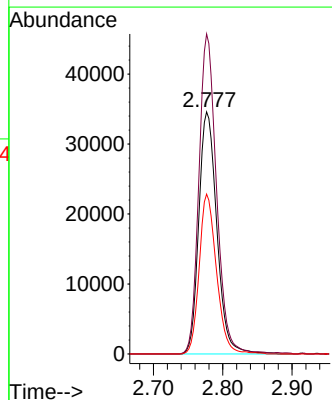
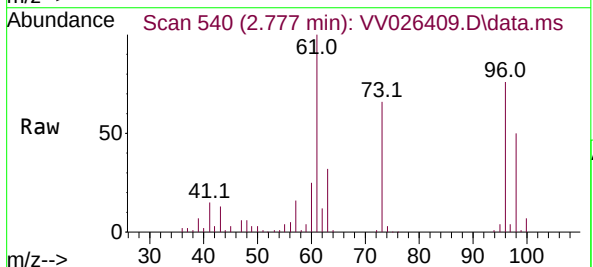
Instrument :
MSVOA_V
ClientSampleId :

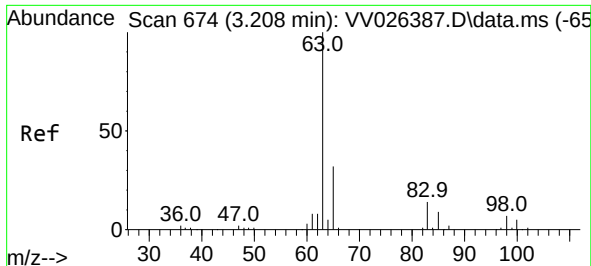
Tgt Ion: 73 Resp: 109032
Ion Ratio Lower Upper
73 100
43 17.3 13.0 19.6
57 22.6 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.171 ug/L
RT: 2.777 min Scan# 540
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

Tgt Ion: 96 Resp: 62703
Ion Ratio Lower Upper
96 100
61 132.2 91.3 169.6
98 66.0 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.422 ug/L

RT: 3.208 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

ClientSampleId :

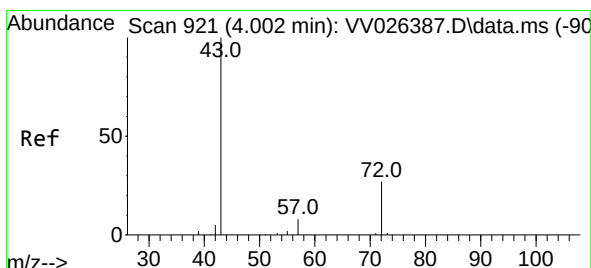
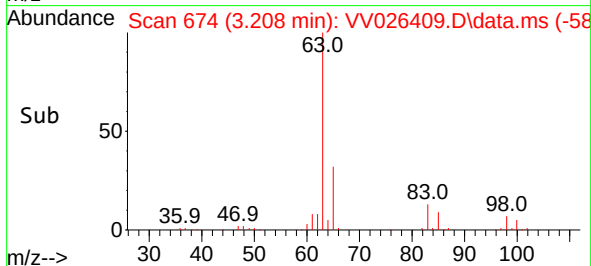
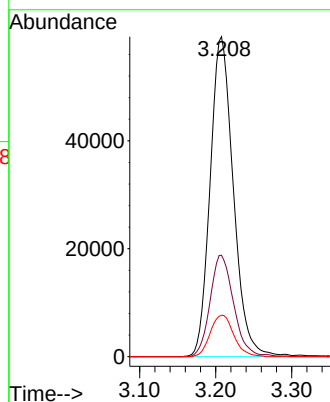
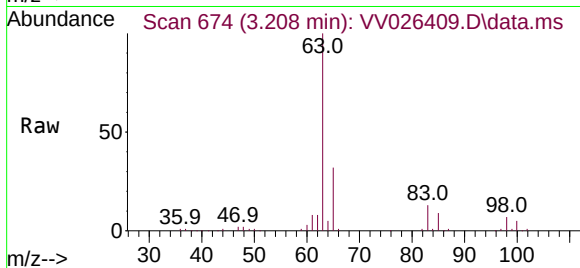
Tgt Ion: 63 Resp: 125391

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.3

83 13.0 8.9 16.5



#21

2-Butanone

Concen: 48.490 ug/L

RT: 4.021 min Scan# 927

Delta R.T. 0.019 min

Lab File: VV026409.D

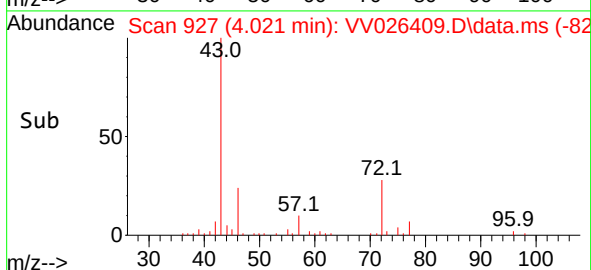
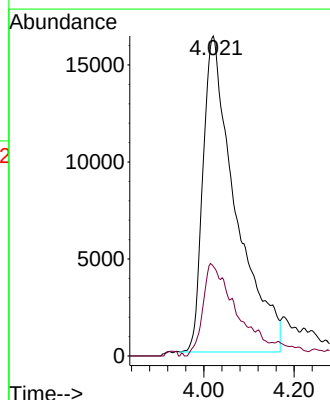
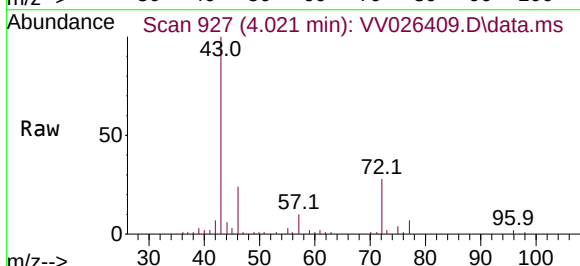
Acq: 18 Jun 2022 02:52

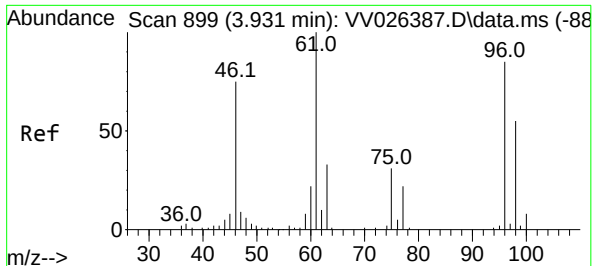
Tgt Ion: 43 Resp: 81562

Ion Ratio Lower Upper

43 100

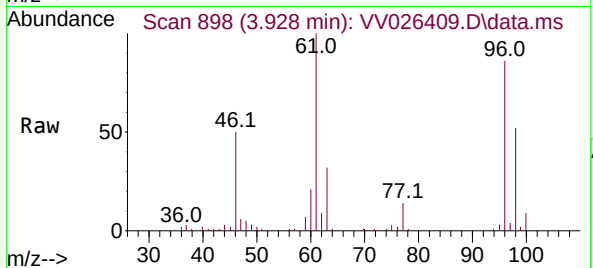
72 27.6 12.7 38.0



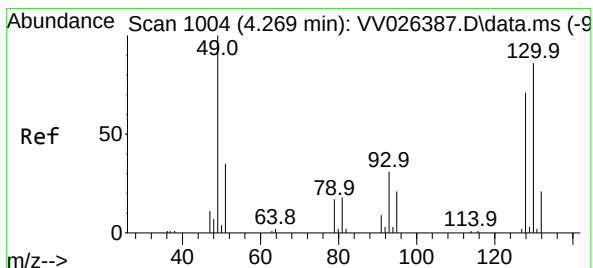
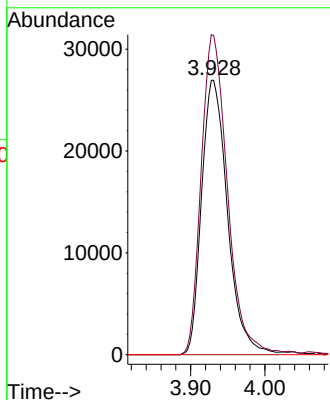
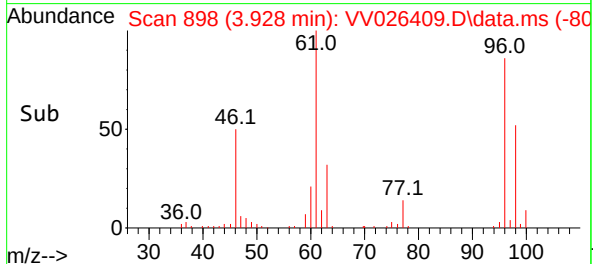


#22
 cis-1,2-Dichloroethene
 Concen: 5.320 ug/L
 RT: 3.928 min Scan# 899
 Delta R.T. -0.003 min
 Lab File: VV026409.D
 Acq: 18 Jun 2022 02:52

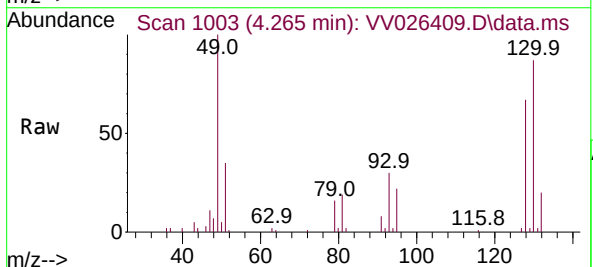
Instrument :
 MSVOA_V
 ClientSampleId :



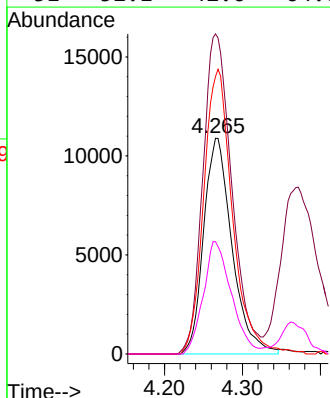
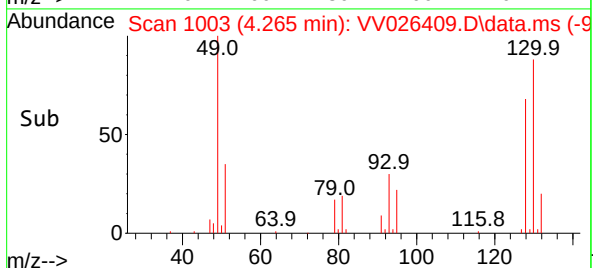
Tgt Ion: 96 Resp: 65271
 Ion Ratio Lower Upper
 96 100
 61 116.6 83.6 155.2
 68 0.0 0.0 0.0

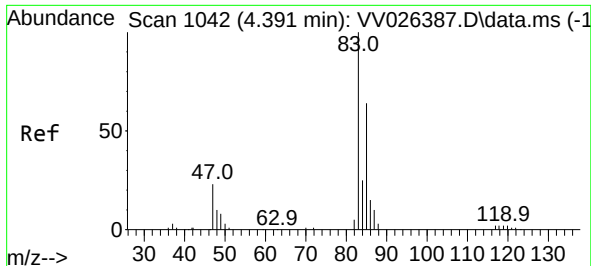


#23
 Bromochloromethane
 Concen: 5.284 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. -0.003 min
 Lab File: VV026409.D
 Acq: 18 Jun 2022 02:52



Tgt Ion: 128 Resp: 27511
 Ion Ratio Lower Upper
 128 100
 49 148.4 111.6 207.2
 130 128.6 91.1 169.1
 51 52.1 42.6 64.0

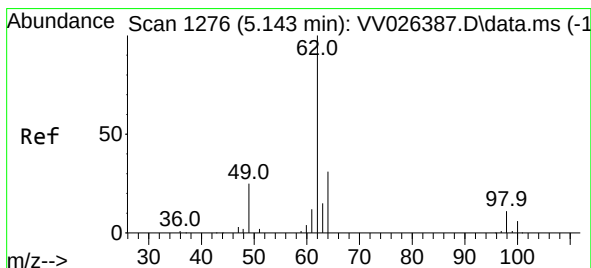
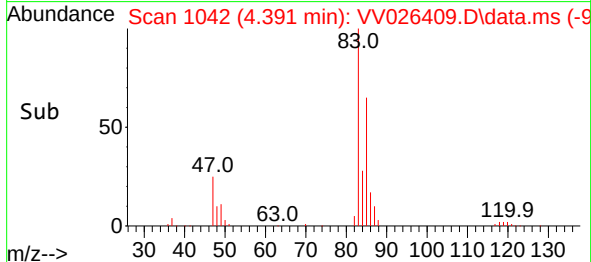
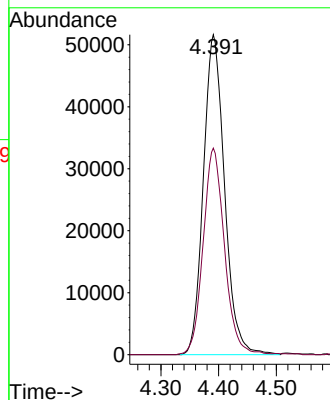
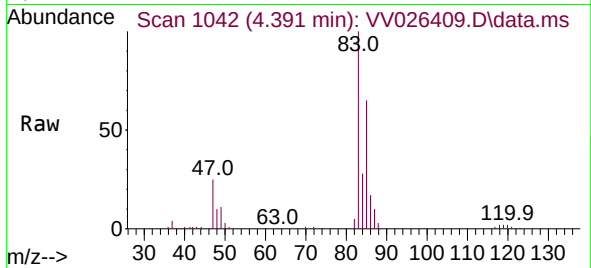




#25
Chloroform
Concen: 5.243 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

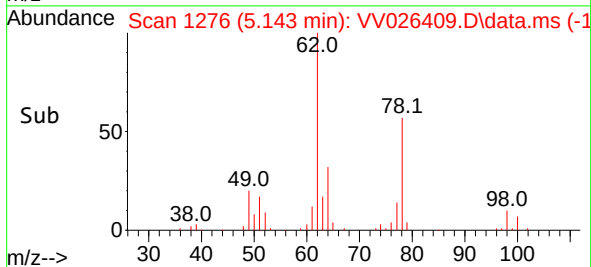
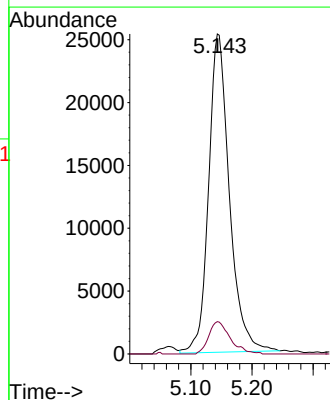
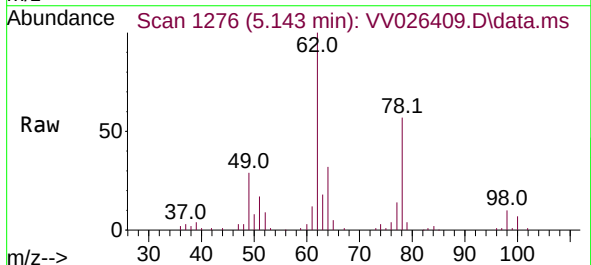
Instrument :
MSVOA_V
ClientSampleId :

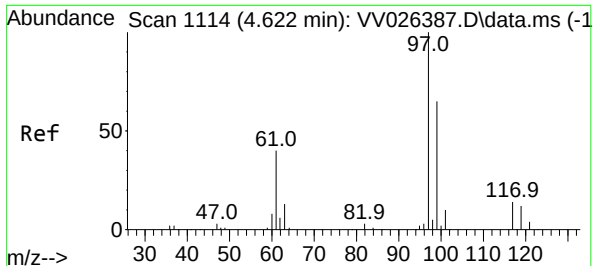
Tgt Ion: 83 Resp: 131529
Ion Ratio Lower Upper
83 100
85 64.5 46.5 86.3



#27
1,2-Dichloroethane
Concen: 5.242 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

Tgt Ion: 62 Resp: 59860
Ion Ratio Lower Upper
62 100
98 10.1 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.446 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

ClientSampleId :

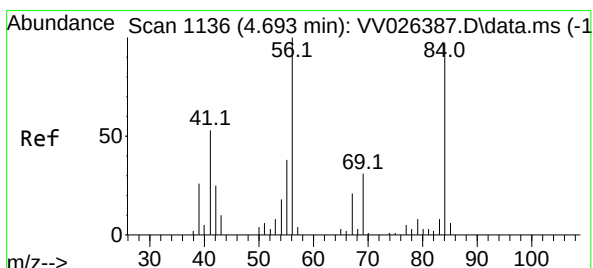
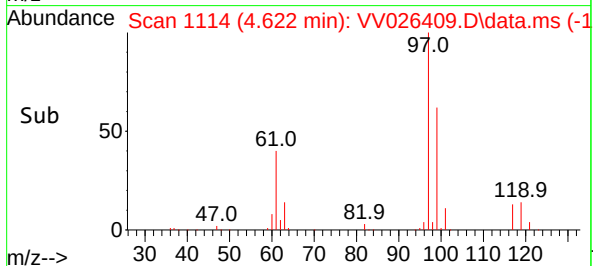
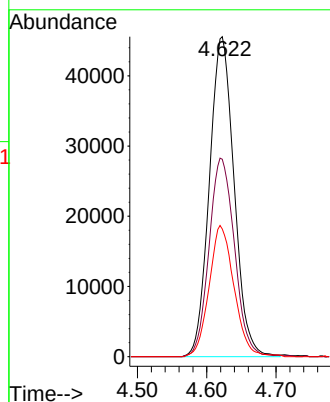
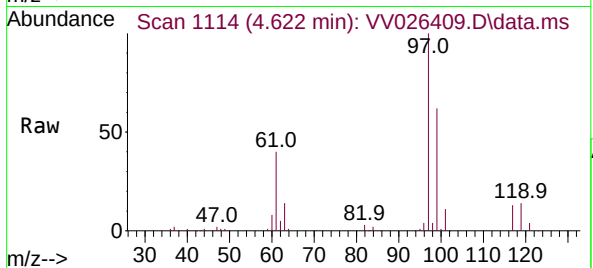
Tgt Ion: 97 Resp: 112927

Ion Ratio Lower Upper

97 100

99 63.8 50.3 75.5

61 41.4 33.4 50.0



#30

Cyclohexane

Concen: 4.827 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. -0.003 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

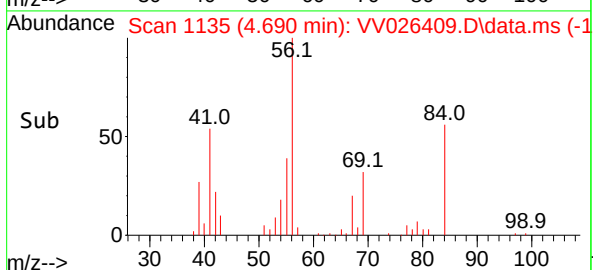
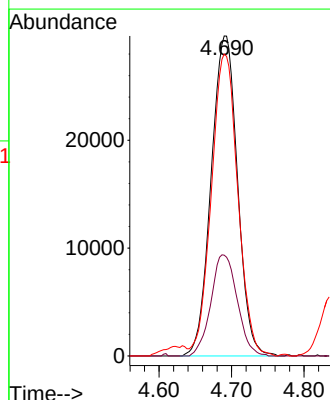
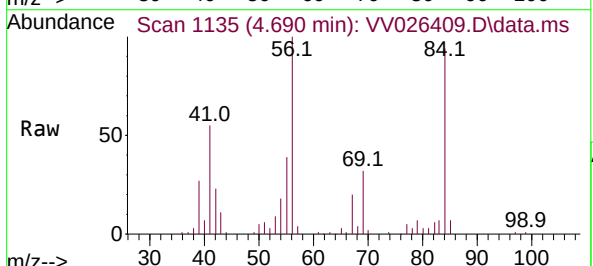
Tgt Ion: 56 Resp: 74873

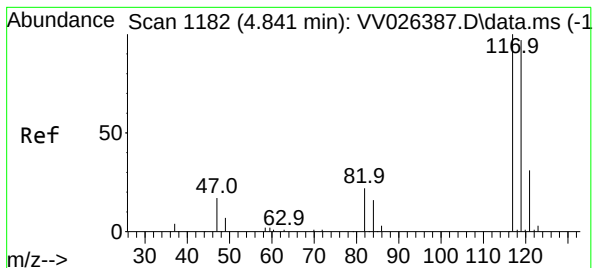
Ion Ratio Lower Upper

56 100

69 31.6 24.9 37.3

84 94.5 76.4 114.6





#31

Carbon tetrachloride

Concen: 5.146 ug/L

RT: 4.838 min Scan# 1182

Delta R.T. -0.003 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

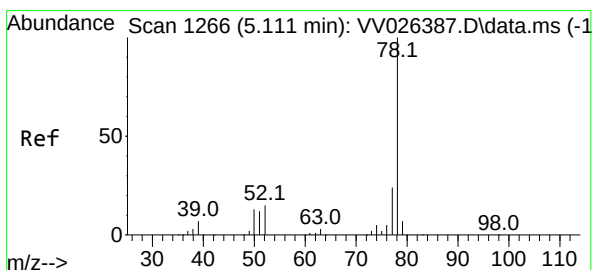
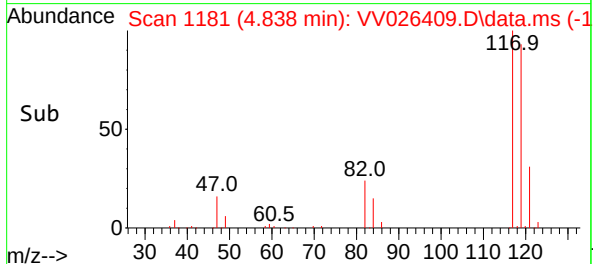
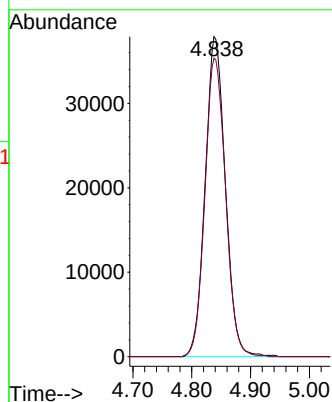
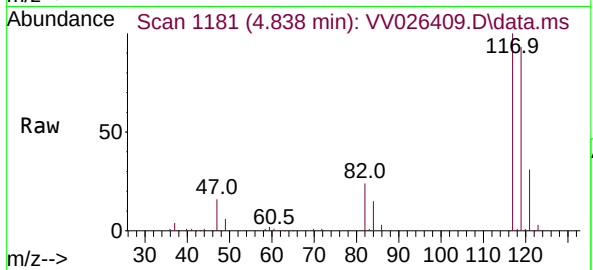
ClientSampleId :

Tgt Ion:117 Resp: 90378

Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.4



#33

Benzene

Concen: 5.548 ug/L

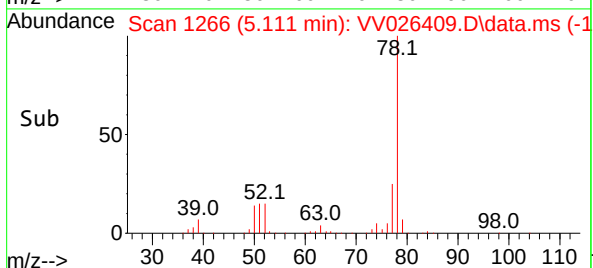
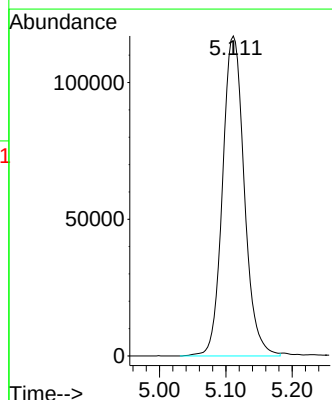
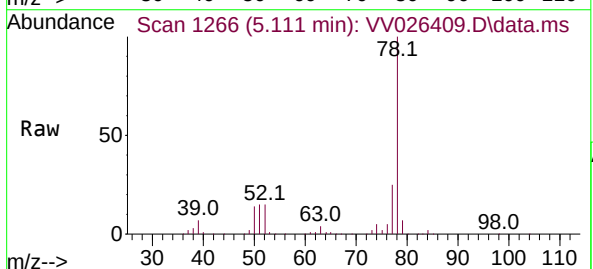
RT: 5.111 min Scan# 1266

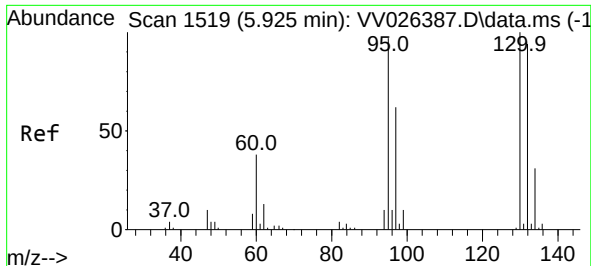
Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Tgt Ion: 78 Resp: 266952

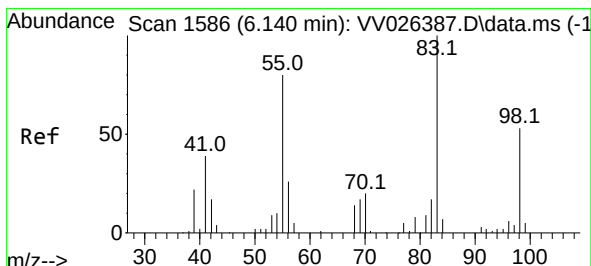
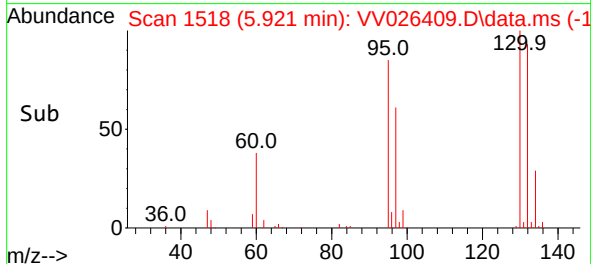
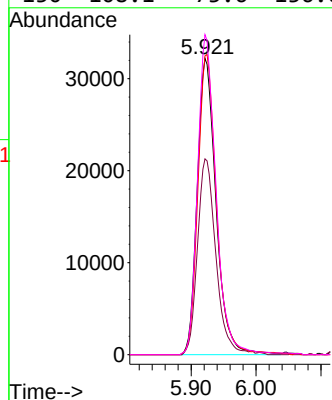
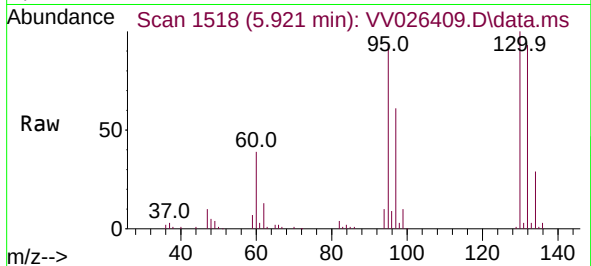




#34
Trichloroethene
Concen: 4.960 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. -0.003 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

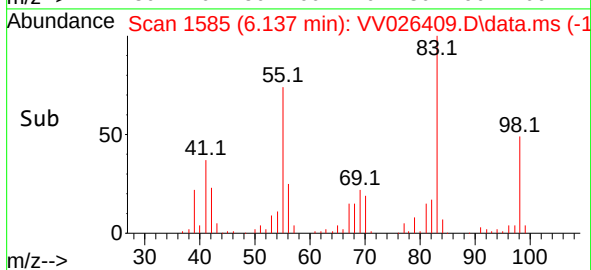
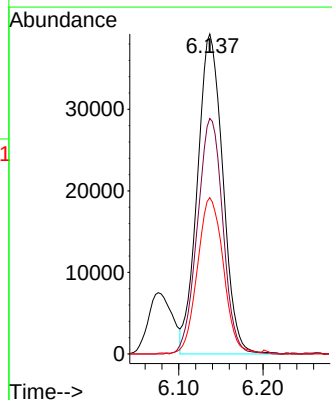
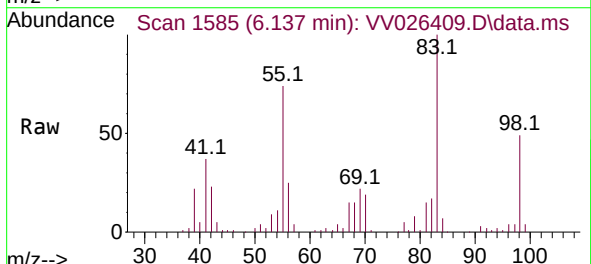
Instrument :
MSVOA_V
ClientSampleId :

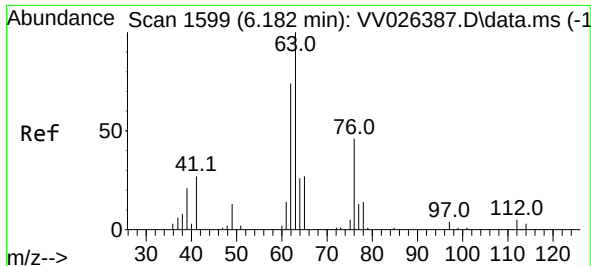
Tgt Ion: 95 Resp: 65157
Ion Ratio Lower Upper
95 100
97 66.1 46.5 86.3
132 100.9 68.8 127.8
130 108.1 73.6 136.6



#35
Methylcyclohexane
Concen: 4.532 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. -0.003 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

Tgt Ion: 83 Resp: 82356
Ion Ratio Lower Upper
83 100
55 73.8 59.3 88.9
98 50.0 39.9 59.9





#37

1,2-Dichloropropane

Concen: 5.409 ug/L

RT: 6.178 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

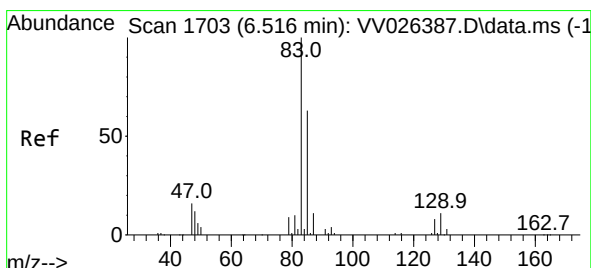
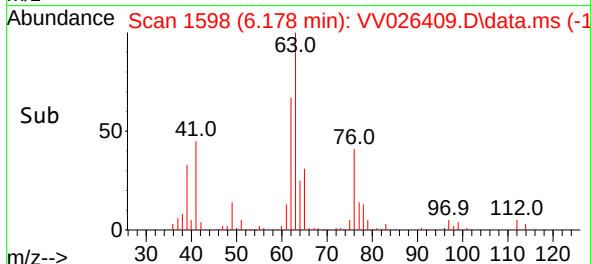
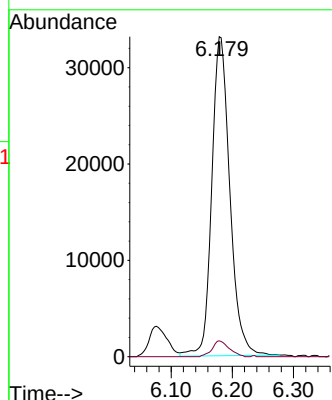
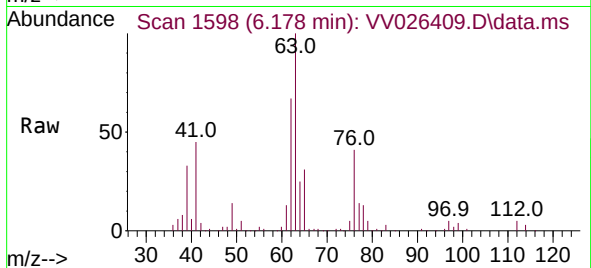
ClientSampleId :

Tgt Ion: 63 Resp: 68071

Ion Ratio Lower Upper

63 100

112 4.7 3.3 4.9



#38

Bromodichloromethane

Concen: 5.356 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

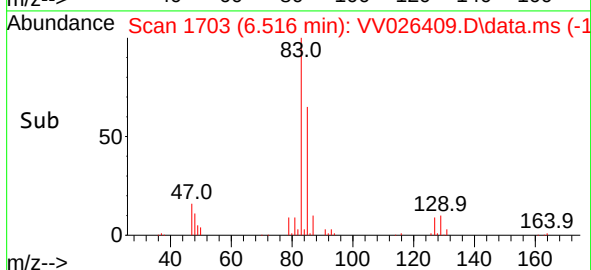
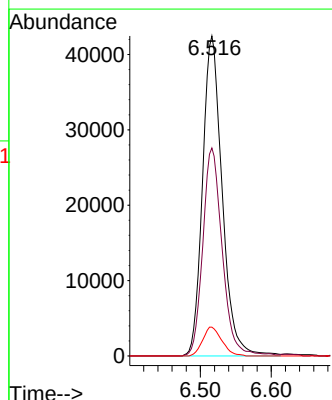
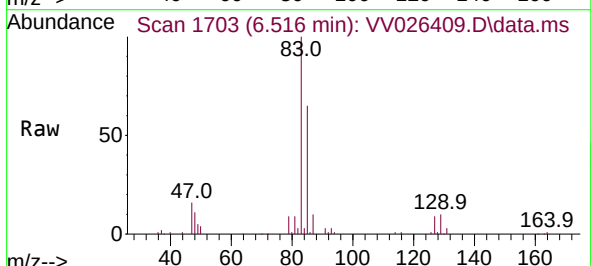
Tgt Ion: 83 Resp: 81751

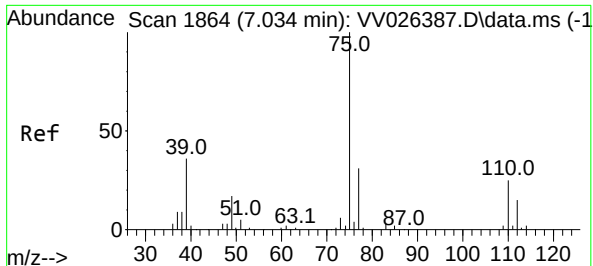
Ion Ratio Lower Upper

83 100

85 65.0 45.6 84.6

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.315 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

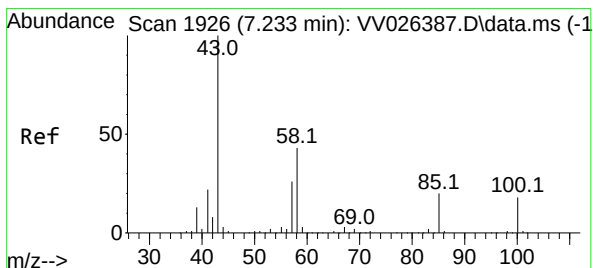
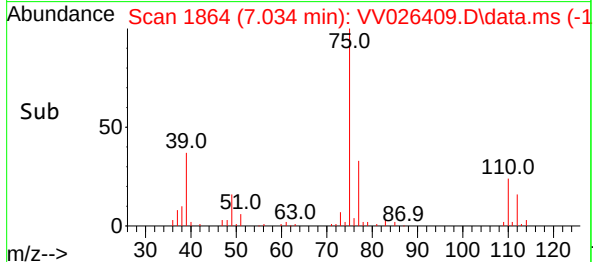
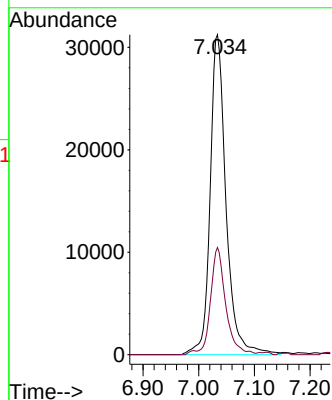
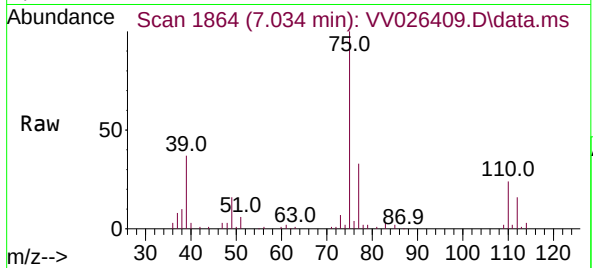
ClientSampleId :

Tgt Ion: 75 Resp: 61976

Ion Ratio Lower Upper

75 100

77 33.5 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 53.195 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

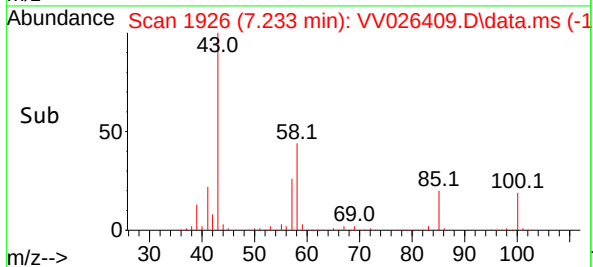
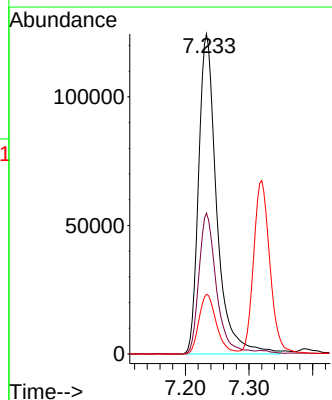
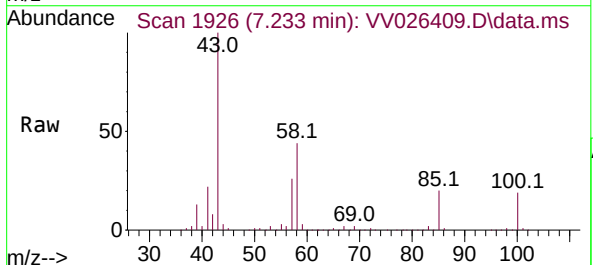
Tgt Ion: 43 Resp: 246140

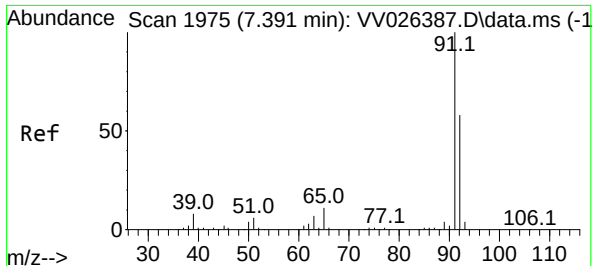
Ion Ratio Lower Upper

43 100

58 42.5 33.3 49.9

100 18.0 13.4 20.2





#42

Toluene

Concen: 5.868 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

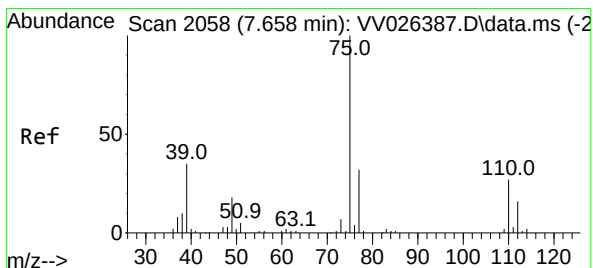
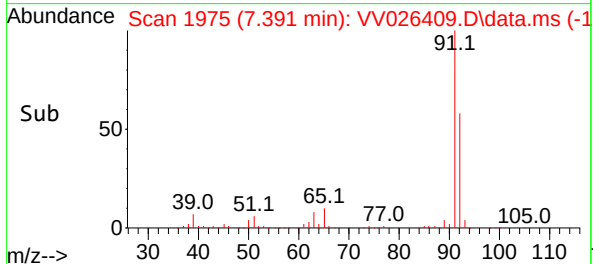
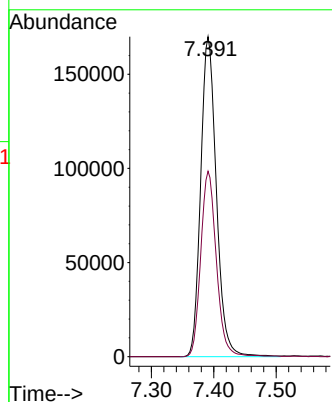
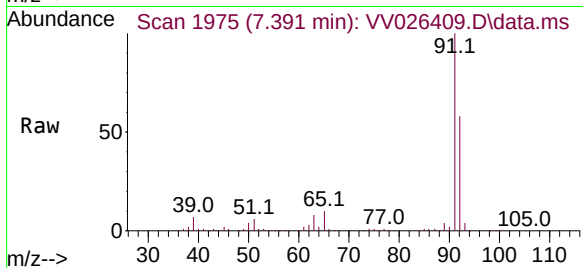
ClientSampleId :

Tgt Ion: 91 Resp: 296976

Ion Ratio Lower Upper

91 100

92 57.9 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.120 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.003 min

Lab File: VV026409.D

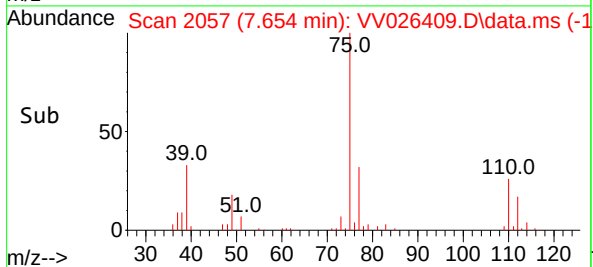
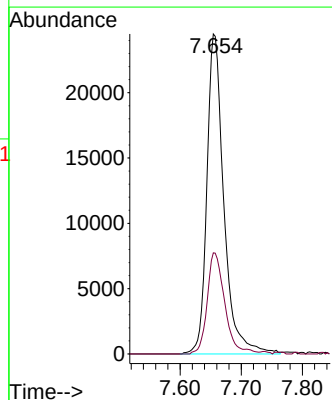
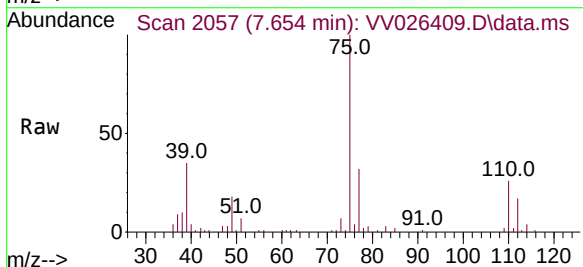
Acq: 18 Jun 2022 02:52

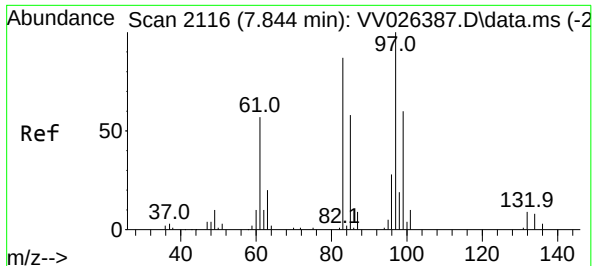
Tgt Ion: 75 Resp: 47255

Ion Ratio Lower Upper

75 100

77 31.6 23.7 43.9





#45

1,1,2-Trichloroethane

Concen: 5.221 ug/L

RT: 7.841 min Scan# 2116

Delta R.T. -0.003 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 43126

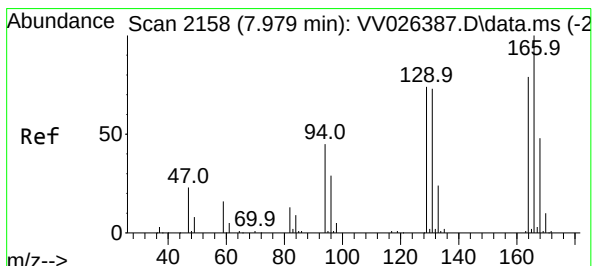
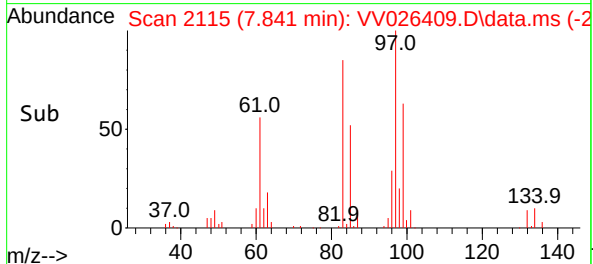
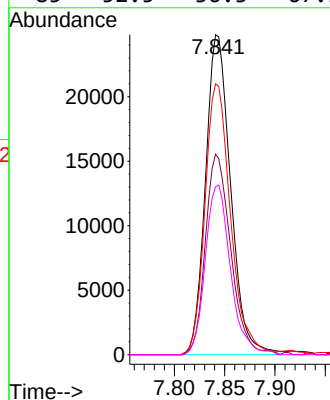
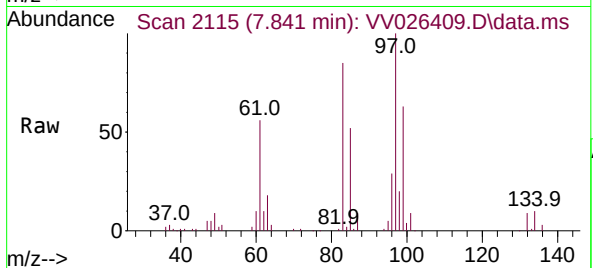
Ion Ratio Lower Upper

97 100

99 62.7 42.4 78.6

83 84.7 56.1 104.1

85 52.5 36.3 67.5



#47

Tetrachloroethene

Concen: 5.233 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Tgt Ion: 164 Resp: 50912

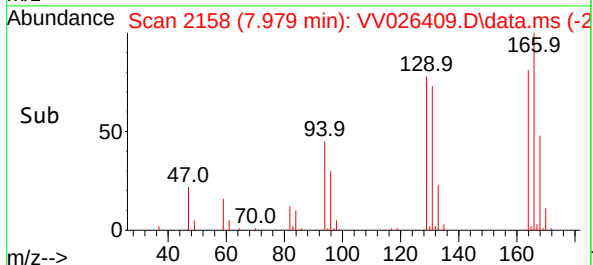
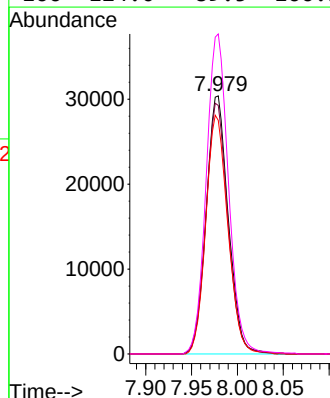
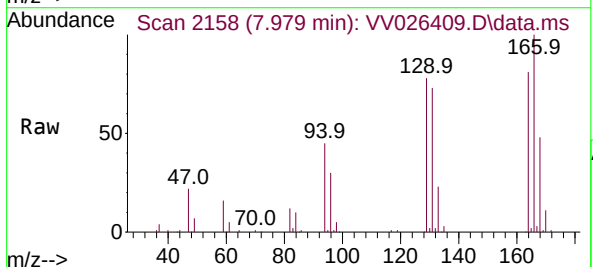
Ion Ratio Lower Upper

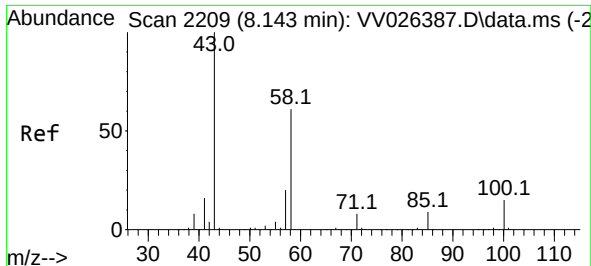
164 100

129 96.3 67.5 125.3

131 90.6 63.8 118.4

166 124.0 89.5 166.3

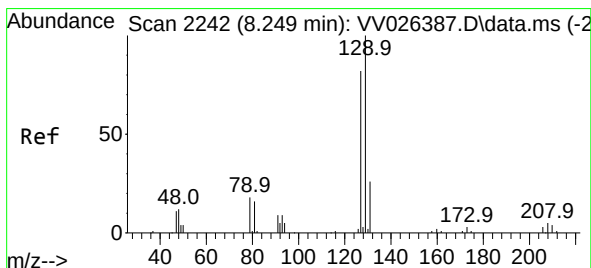
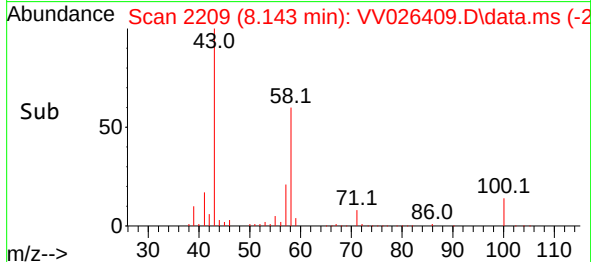
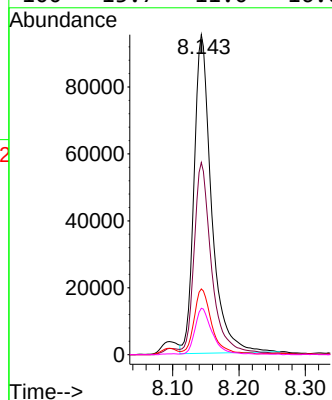
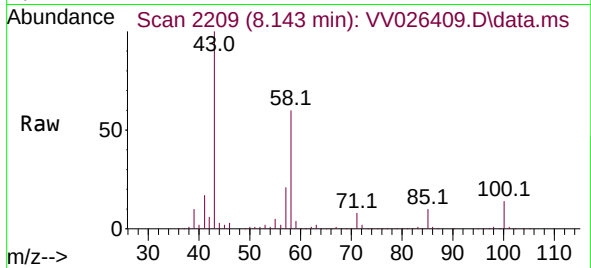




#48
2-Hexanone
Concen: 52.714 ug/L
RT: 8.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

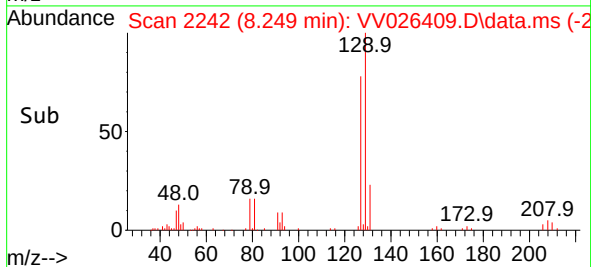
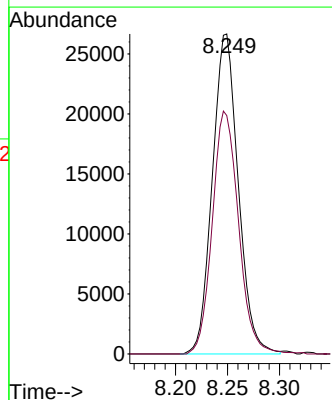
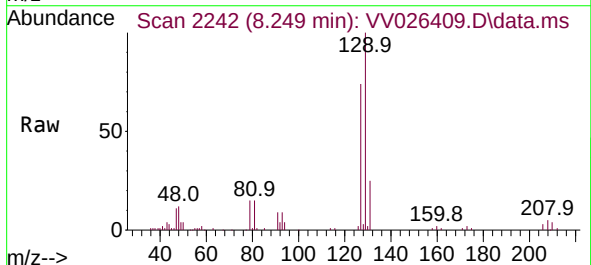
Instrument :
MSVOA_V
ClientSampleId :

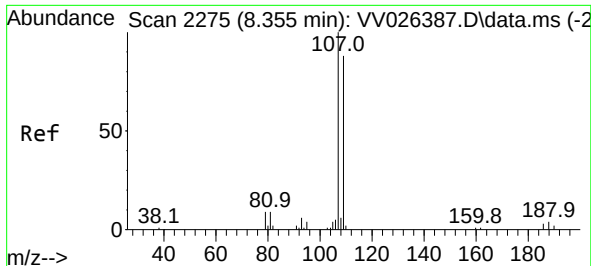
Tgt Ion: 43 Resp: 174757
Ion Ratio Lower Upper
43 100
58 59.6 48.7 73.1
57 21.0 16.0 24.0
100 13.7 11.0 16.6



#49
Dibromochloromethane
Concen: 5.055 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

Tgt Ion: 129 Resp: 46244
Ion Ratio Lower Upper
129 100
127 74.5 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.185 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026409.D

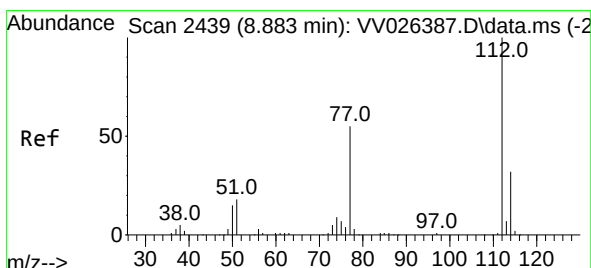
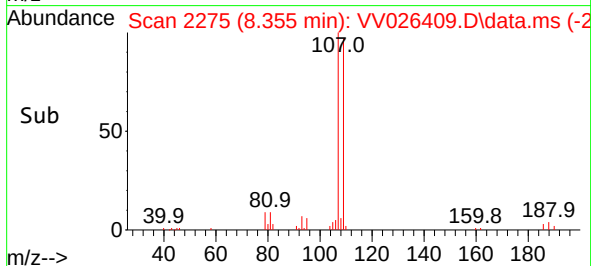
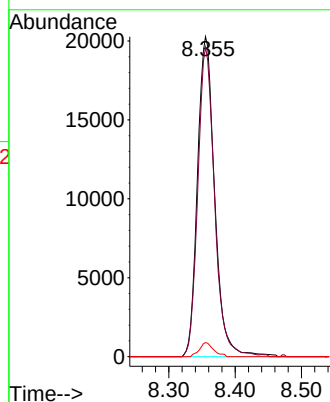
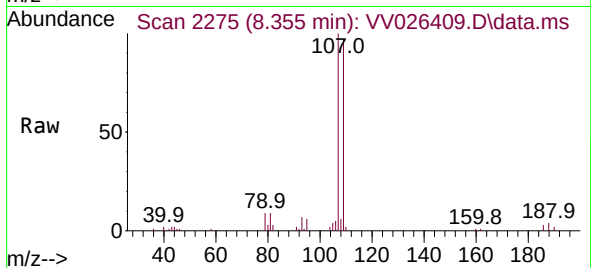
Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	36494
Ion Ratio	Lower	Upper
107	100	
109	96.8	65.2 121.2
188	4.4	2.9 4.3#



#51

Chlorobenzene

Concen: 5.371 ug/L

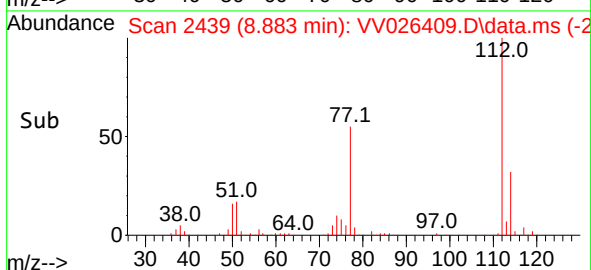
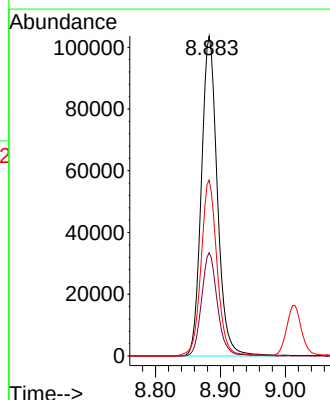
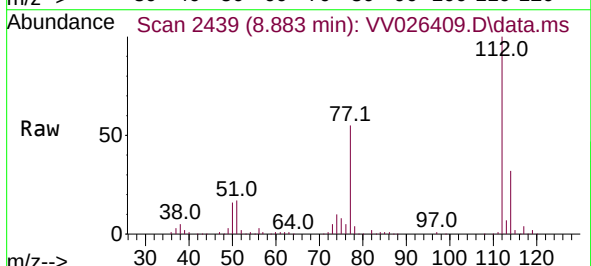
RT: 8.883 min Scan# 2439

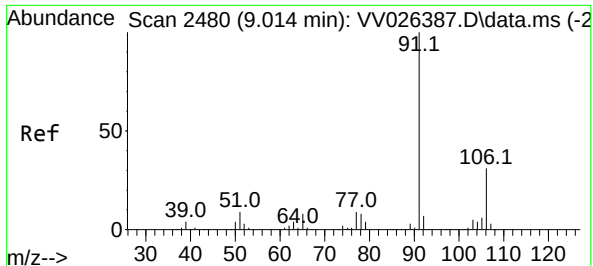
Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Tgt Ion:112	Resp:	177456
Ion Ratio	Lower	Upper
112	100	
114	32.3	22.7 42.3
77	54.9	44.5 66.7





#52

Ethylbenzene

Concen: 5.510 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

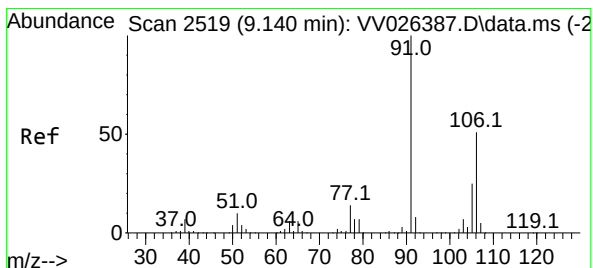
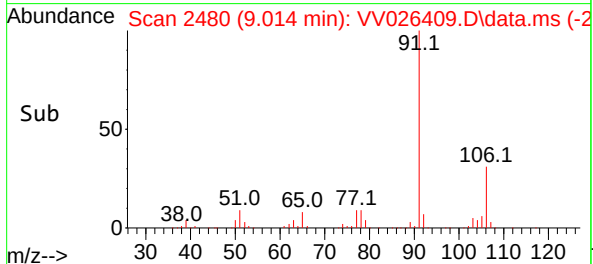
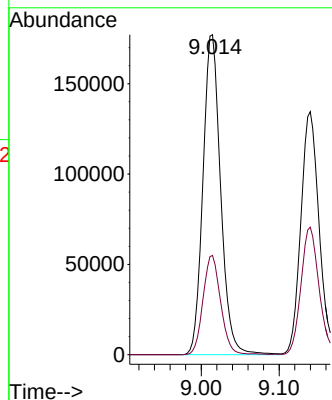
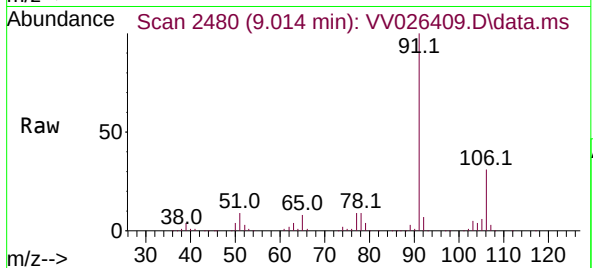
ClientSampleId :

Tgt Ion: 91 Resp: 279522

Ion Ratio Lower Upper

91 100

106 31.0 21.6 40.0



#53

m,p-Xylene

Concen: 5.763 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV026409.D

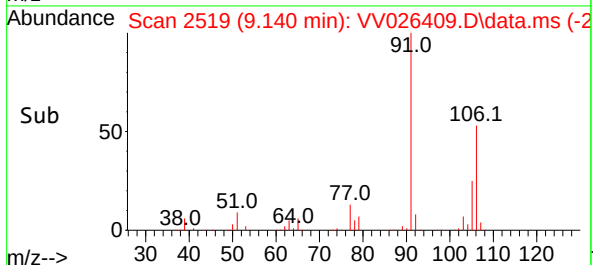
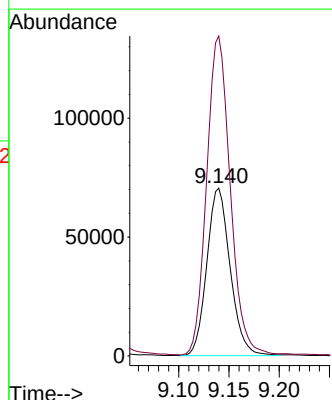
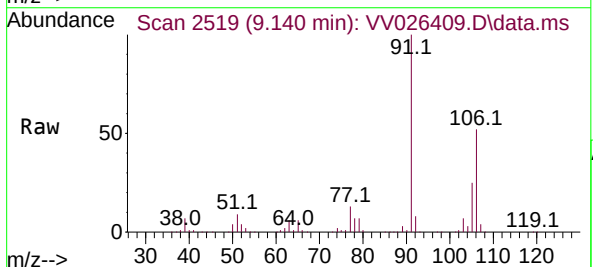
Acq: 18 Jun 2022 02:52

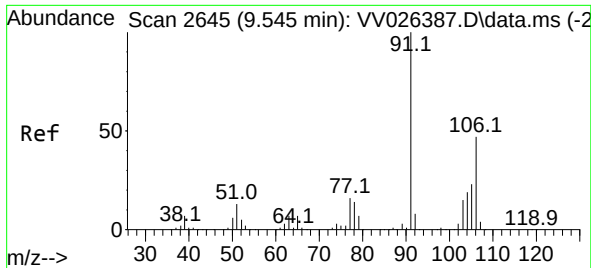
Tgt Ion: 106 Resp: 113955

Ion Ratio Lower Upper

106 100

91 190.6 141.3 262.3

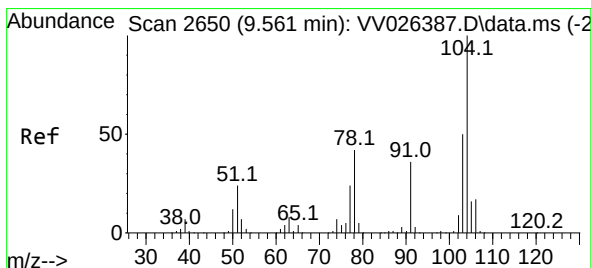
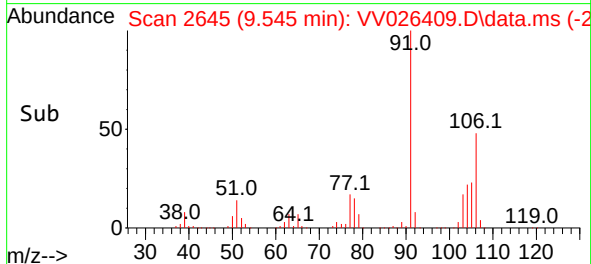
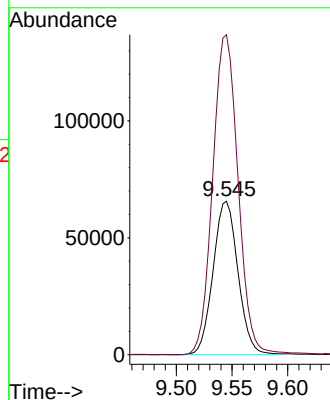
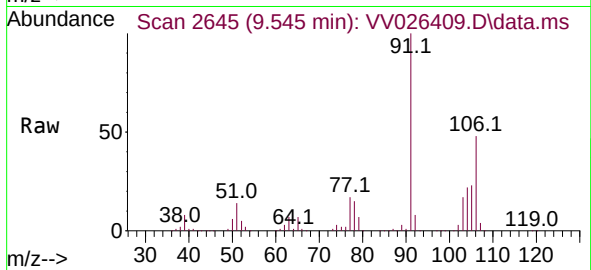




#54
o-Xylene
Concen: 5.323 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

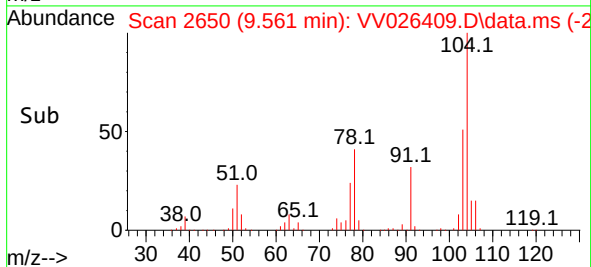
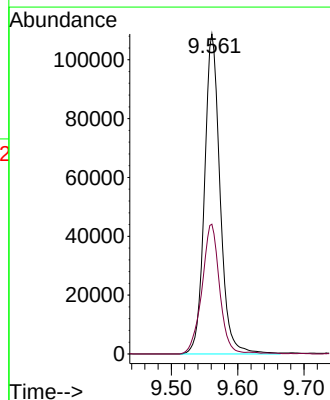
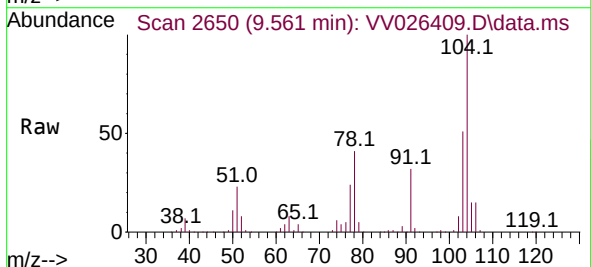
Instrument :
MSVOA_V
ClientSampleId :

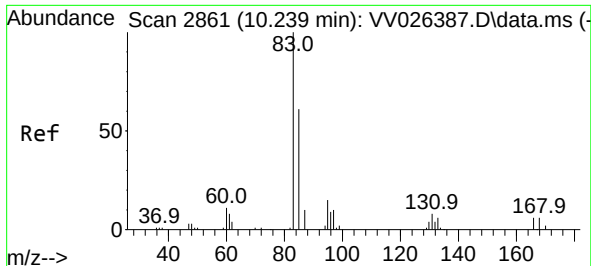
Tgt Ion:106 Resp: 101970
Ion Ratio Lower Upper
106 100
91 208.5 143.3 266.1



#55
Styrene
Concen: 5.541 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

Tgt Ion:104 Resp: 178265
Ion Ratio Lower Upper
104 100
78 40.5 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.911 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

ClientSampleId :

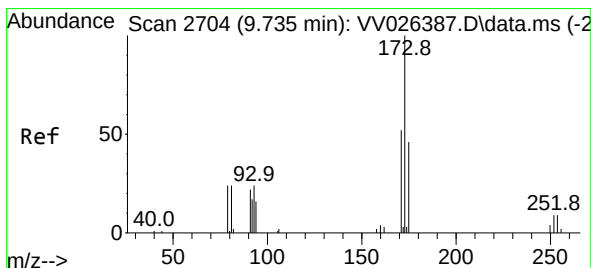
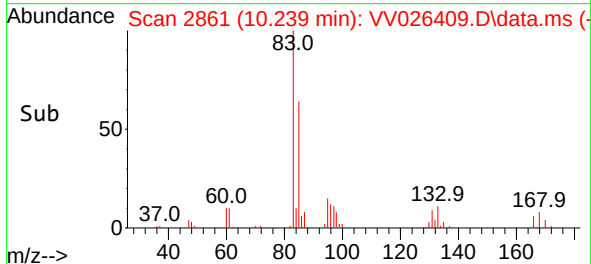
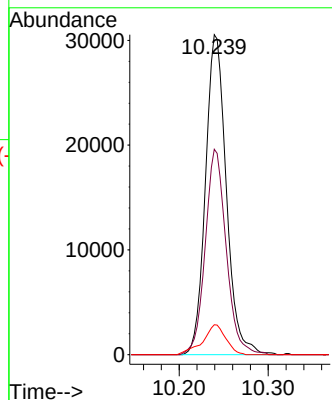
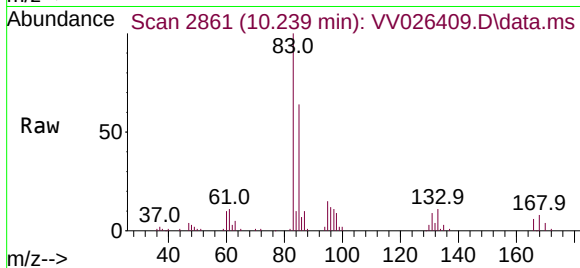
Tgt Ion: 83 Resp: 49527

Ion Ratio Lower Upper

83 100

85 64.2 47.1 87.5

131 9.4 7.7 11.5



#59

Bromoform

Concen: 4.452 ug/L

RT: 9.735 min Scan# 2704

Delta R.T. -0.000 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

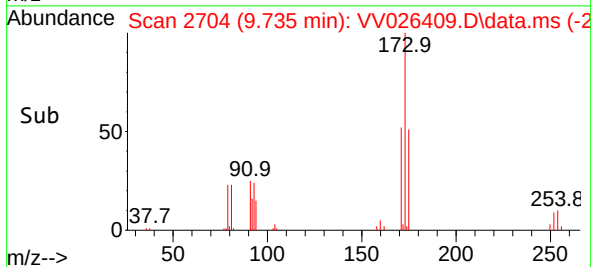
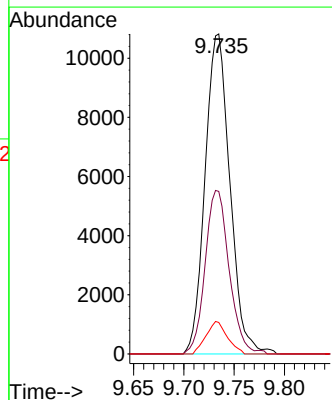
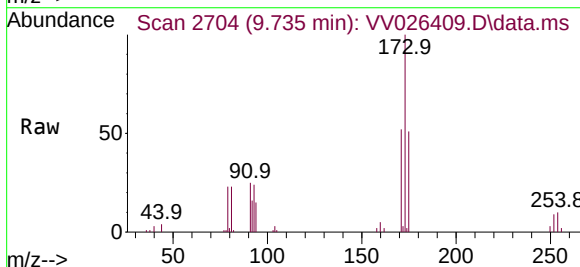
Tgt Ion: 173 Resp: 18601

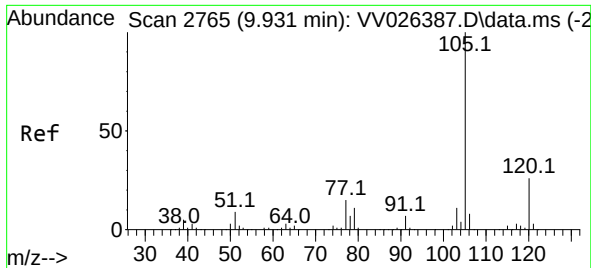
Ion Ratio Lower Upper

173 100

175 49.4 38.3 57.5

254 8.7 6.9 10.3

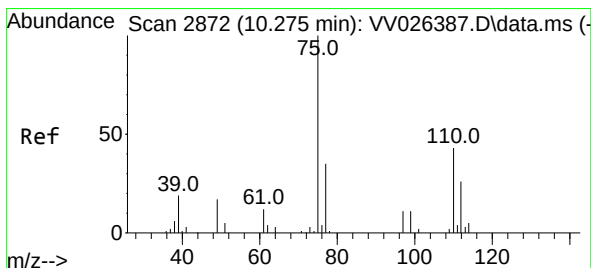
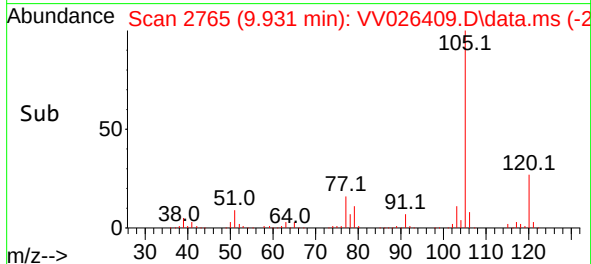
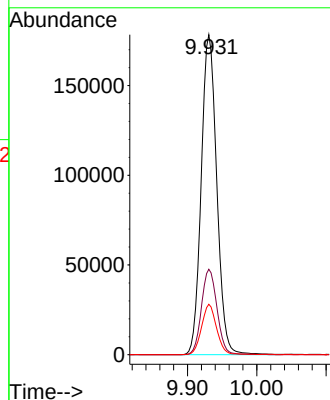
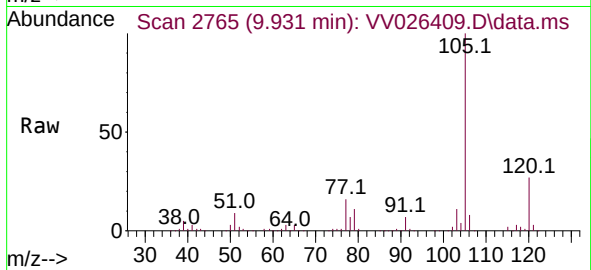




#60
Isopropylbenzene
Concen: 5.473 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

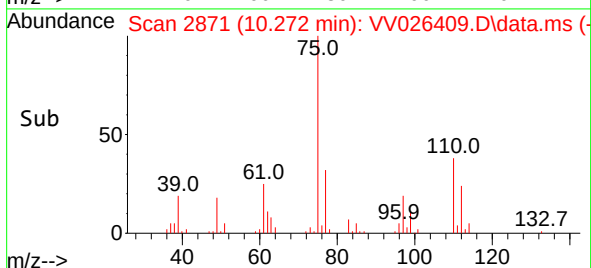
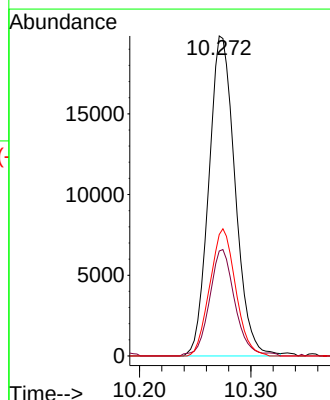
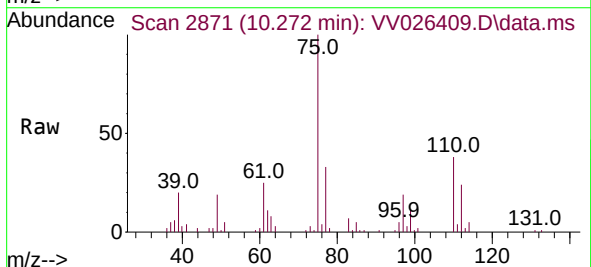
Instrument :
MSVOA_V
ClientSampleId :

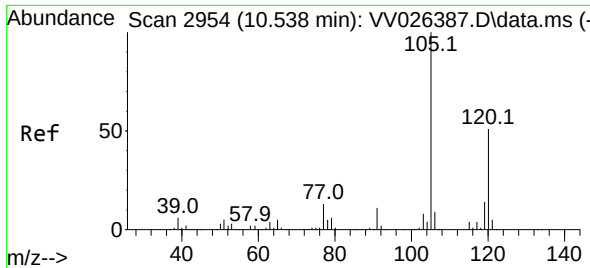
Tgt Ion:105 Resp: 277681
Ion Ratio Lower Upper
105 100
120 26.7 21.5 32.3
77 15.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.259 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

Tgt Ion: 75 Resp: 32478
Ion Ratio Lower Upper
75 100
77 32.1 26.9 40.3
110 39.0 30.7 46.1

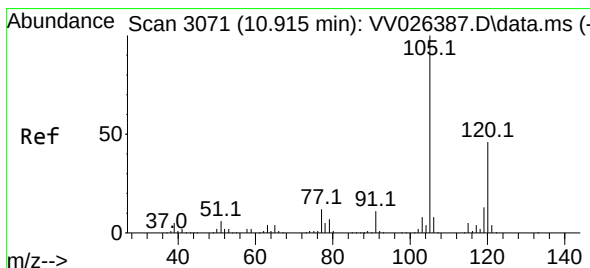
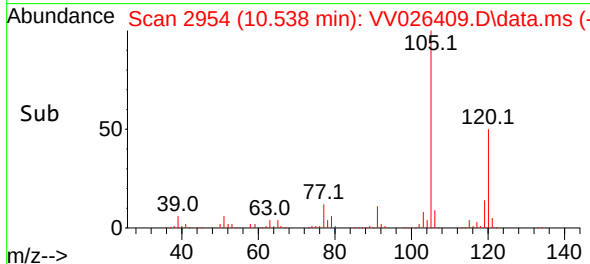
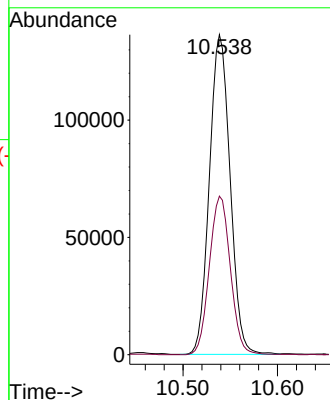
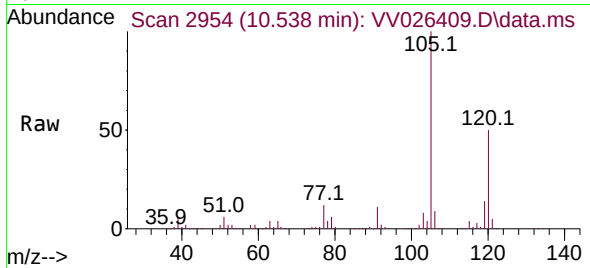




#62
 1,3,5-Trimethylbenzene
 Concen: 5.153 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026409.D
 Acq: 18 Jun 2022 02:52

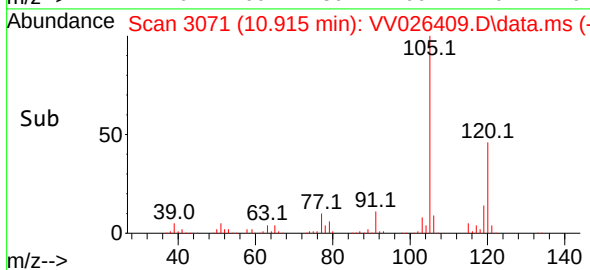
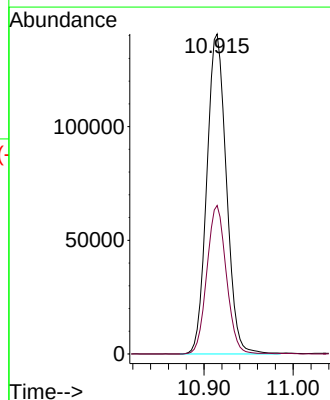
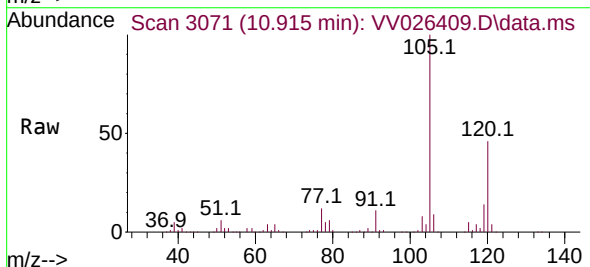
Instrument :
 MSVOA_V
 ClientSampleId :

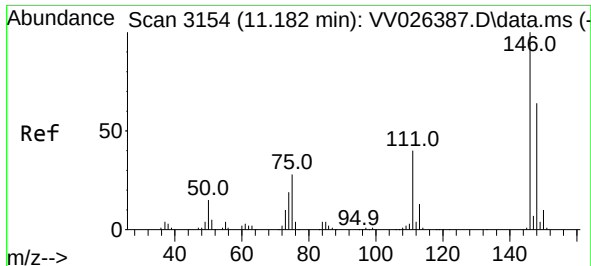
Tgt Ion:105 Resp: 207455
 Ion Ratio Lower Upper
 105 100
 120 50.3 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.385 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV026409.D
 Acq: 18 Jun 2022 02:52

Tgt Ion:105 Resp: 214592
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.9 55.3

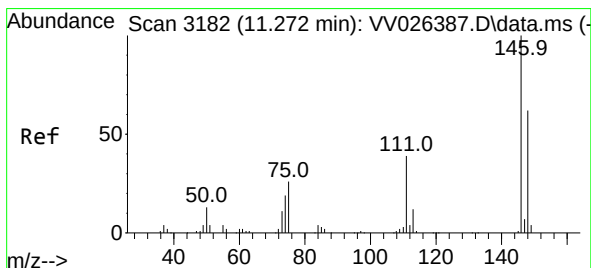
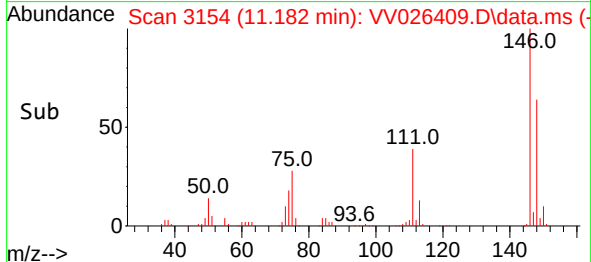
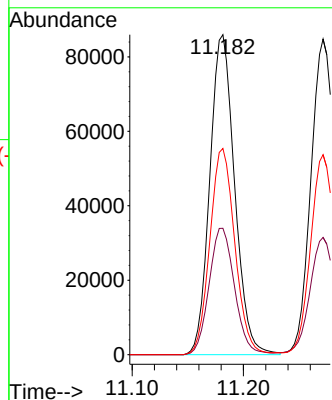
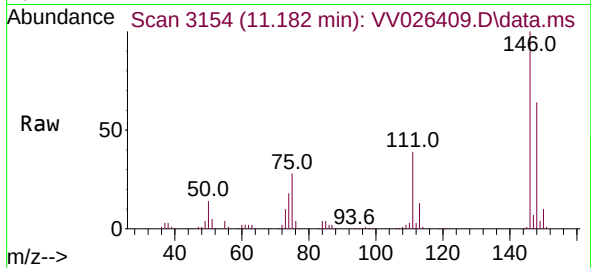




#64
1,3-Dichlorobenzene
Concen: 5.339 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

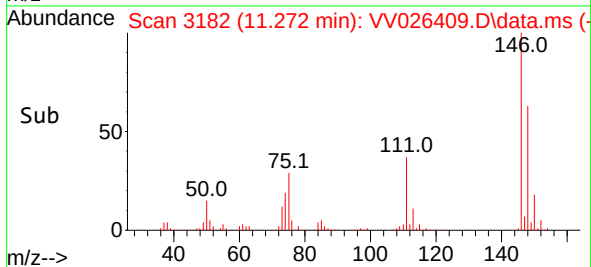
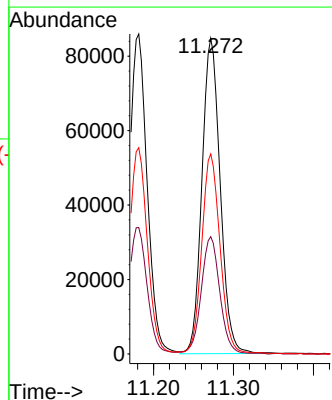
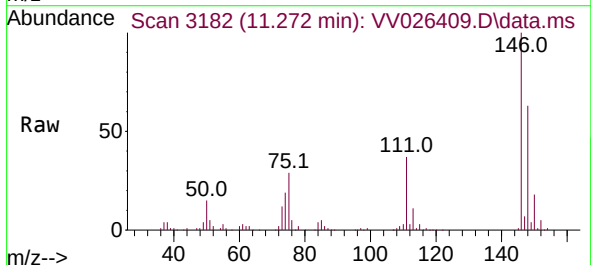
Instrument :
MSVOA_V
ClientSampleId :

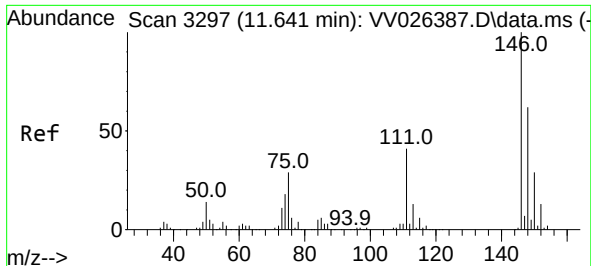
Tgt Ion:146 Resp: 133093
Ion Ratio Lower Upper
146 100
111 39.5 27.8 51.6
148 64.5 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.318 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

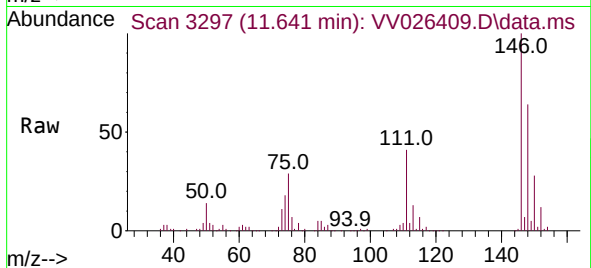
Tgt Ion:146 Resp: 134740
Ion Ratio Lower Upper
146 100
111 37.1 26.7 49.7
148 63.4 43.3 80.3



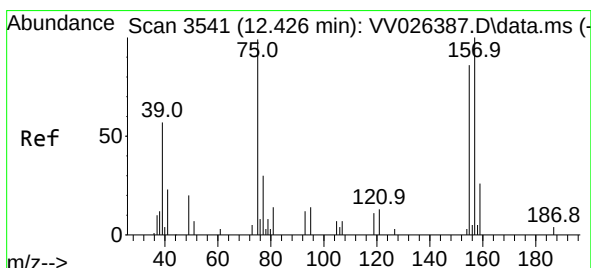
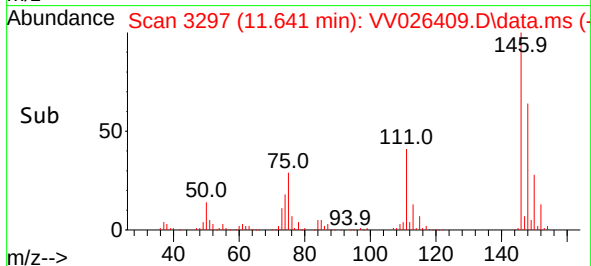
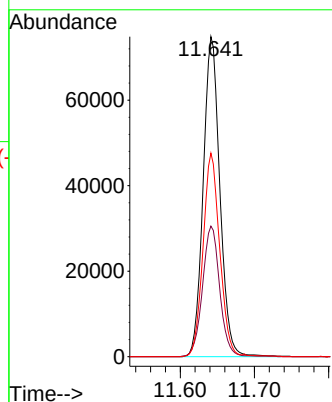


#67
 1,2-Dichlorobenzene
 Concen: 5.283 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. -0.000 min
 Lab File: VV026409.D
 Acq: 18 Jun 2022 02:52

Instrument :
 MSVOA_V
 ClientSampleId :

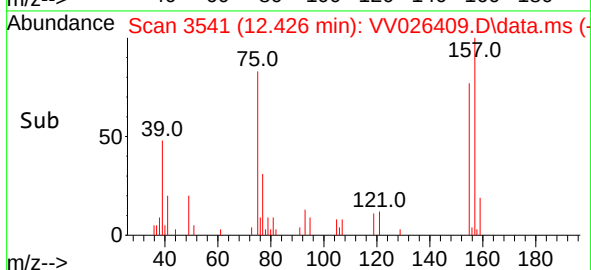
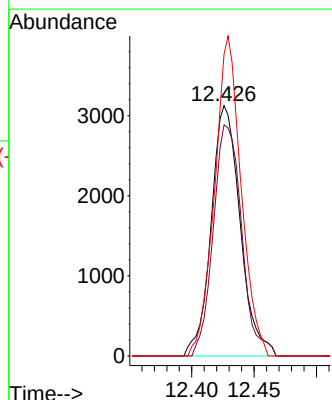
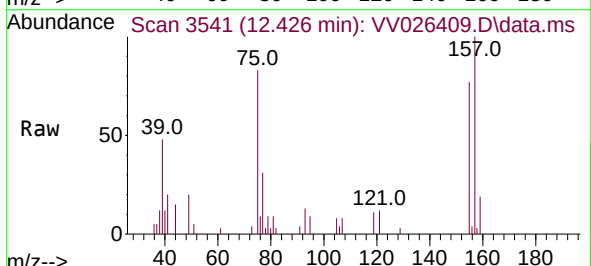


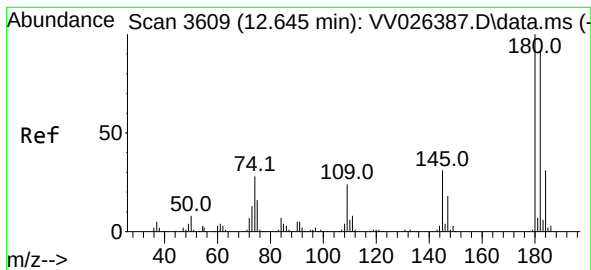
Tgt Ion:146 Resp: 116649
 Ion Ratio Lower Upper
 146 100
 111 40.8 33.8 50.8
 148 63.6 51.7 77.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.617 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV026409.D
 Acq: 18 Jun 2022 02:52

Tgt Ion: 75 Resp: 5051
 Ion Ratio Lower Upper
 75 100
 155 92.2 63.7 95.5
 157 120.5 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 5.046 ug/L

RT: 12.644 min Scan# 30

Delta R.T. -0.000 min

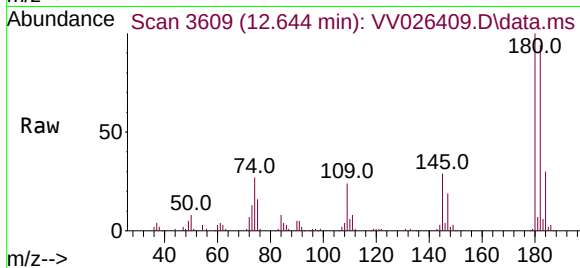
Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 90959

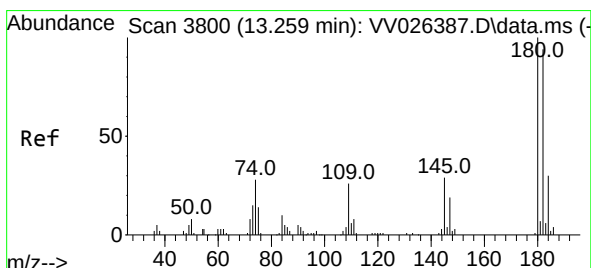
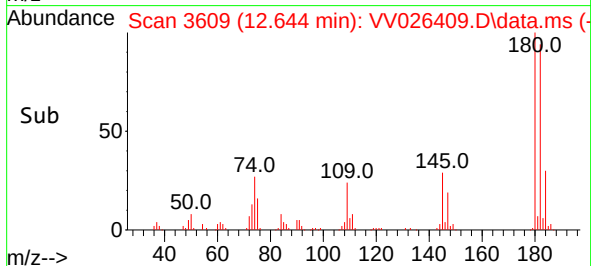
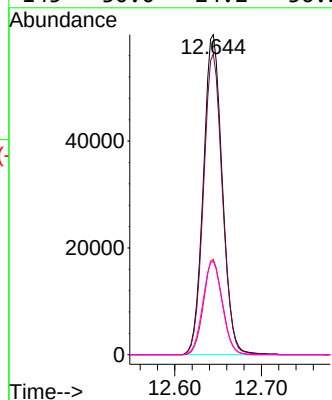
Ion Ratio Lower Upper

180 100

182 93.6 75.5 113.3

184 29.5 23.7 35.5

145 30.0 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.777 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV026409.D

Acq: 18 Jun 2022 02:52

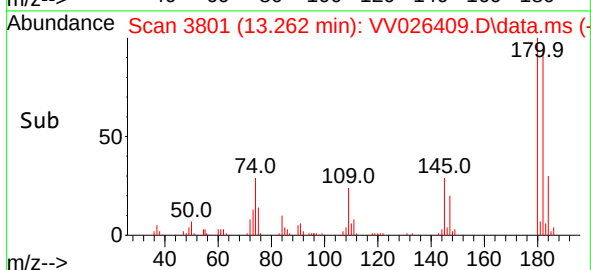
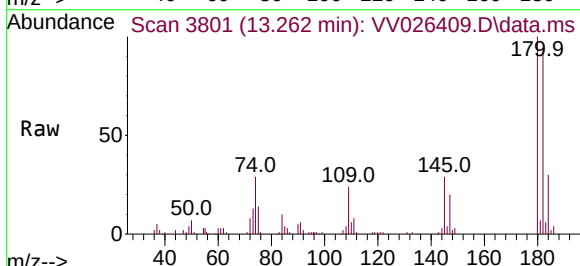
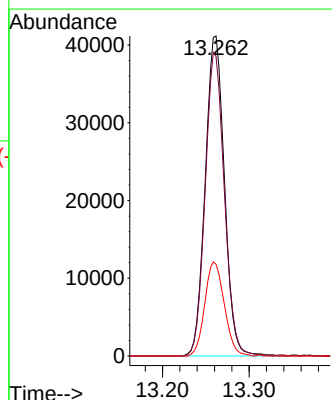
Tgt Ion:180 Resp: 63504

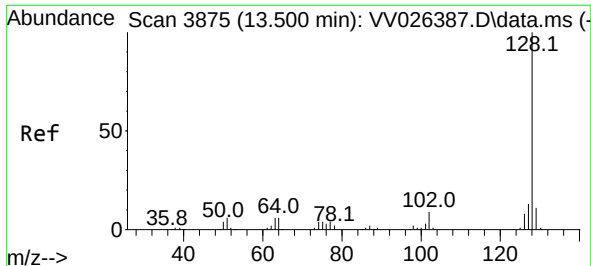
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 29.8 23.9 35.9

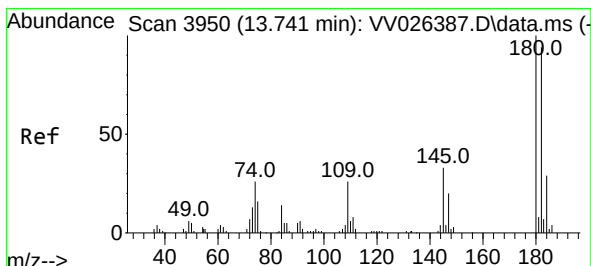
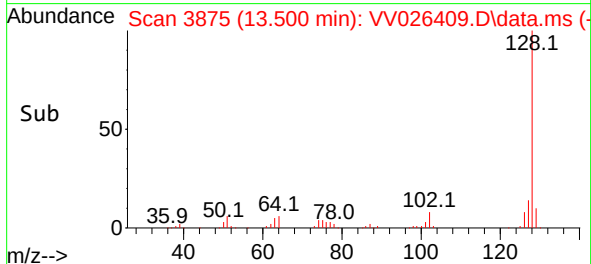
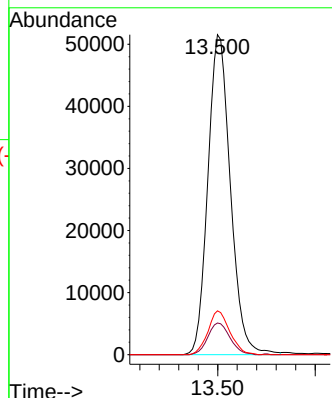
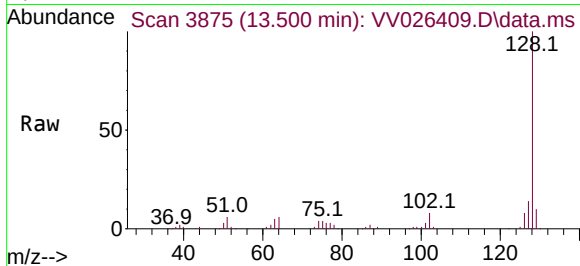




#71
Naphthalene
Concen: 4.481 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 82722
Ion Ratio Lower Upper
128 100
129 9.7 8.7 13.1
127 13.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.897 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026409.D
Acq: 18 Jun 2022 02:52

Tgt Ion:180 Resp: 54507
Ion Ratio Lower Upper
180 100
182 92.2 77.9 116.9
145 31.9 26.7 40.1

