

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026743.D
 Acq On : 13 Jul 2022 10:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 22:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 02:57:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	241835	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	239215	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	126270	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	94025	4.262	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.561	69	86019	4.512	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.101	63	196837	4.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	3.896	46	150001	43.563	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.120%
24) Chloroform-d	4.343	84	188349	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.027	65	84561	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.043	84	348214	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.063	67	105840	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.310	98	324770	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.622	79	33688	4.724	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.088	63	162343	52.586	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.180%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	85147	5.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	106405	4.837	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	161730	5.260	ug/L	100
3) Chloromethane	1.237	50	146733	4.974	ug/L	96
5) Vinyl chloride	1.304	62	160892	5.356	ug/L	99
6) Bromomethane	1.516	94	103529	5.758	ug/L	99
8) Chloroethane	1.577	64	93603	5.289	ug/L	93
9) Trichlorofluoromethane	1.745	101	206012	5.396	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	117090	5.354	ug/L	99
12) 1,1-Dichloroethene	2.111	96	112185	5.291	ug/L	96
13) Acetone	2.185	43	113864	39.302	ug/L #	47
14) Carbon disulfide	2.285	76	329555	5.275	ug/L	100
15) Methyl Acetate	2.436	43	27185	4.640	ug/L	90
16) Methylene chloride	2.500	84	121338	4.804	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	202775	5.551	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	107857	5.534	ug/L	95
19) 1,1-Dichloroethane	3.182	63	199420	5.604	ug/L	99
21) 2-Butanone	3.982	43	165316	48.929	ug/L	92
22) cis-1,2-Dichloroethene	3.905	96	105899	5.387	ug/L	95
23) Bromochloromethane	4.240	128	48650	5.373	ug/L	99
25) Chloroform	4.368	83	203001	5.446	ug/L	100

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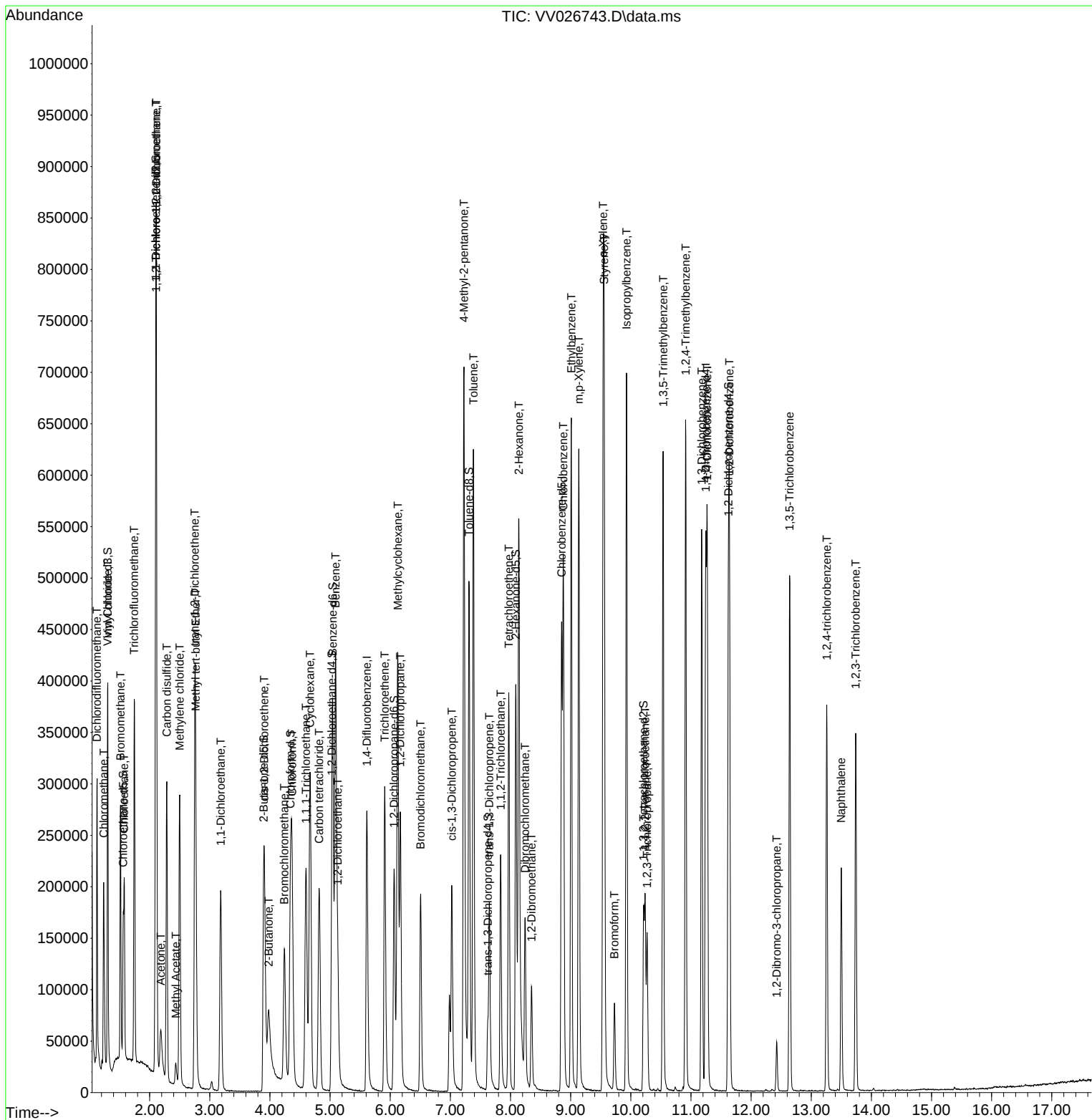
Instrument :
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 ClientSampleId :

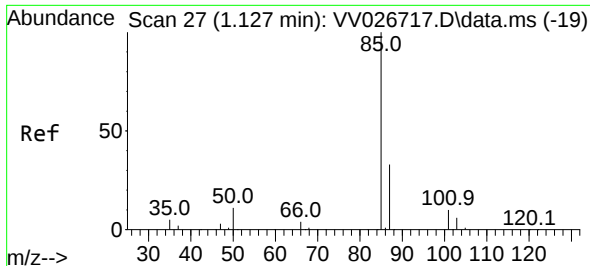
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 02:57:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	108031	5.379	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	175116	5.432	ug/L	99
30) Cyclohexane	4.667	56	151915	5.530	ug/L	99
31) Carbon tetrachloride	4.818	117	151296	5.314	ug/L	98
33) Benzene	5.092	78	438492	5.483	ug/L	100
34) Trichloroethene	5.908	95	106041	5.395	ug/L	97
35) Methylcyclohexane	6.127	83	165687	5.523	ug/L	99
37) 1,2-Dichloropropane	6.169	63	109686	5.736	ug/L	99
38) Bromodichloromethane	6.506	83	131773	5.285	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	127285	5.356	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	512523	58.020	ug/L	96
42) Toluene	7.384	91	461589	5.715	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	107176	5.492	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	75748	5.418	ug/L	99
47) Tetrachloroethene	7.973	164	84484	5.480	ug/L	98
48) 2-Hexanone	8.140	43	385375	60.277	ug/L	98
49) Dibromochloromethane	8.243	129	83446	5.179	ug/L	98
50) 1,2-Dibromoethane	8.349	107	67346	5.444	ug/L	98
51) Chlorobenzene	8.879	112	282513	5.532	ug/L	98
52) Ethylbenzene	9.011	91	442493	5.536	ug/L	100
53) m,p-Xylene	9.137	106	175284	5.639	ug/L	97
54) o-Xylene	9.542	106	165807	5.613	ug/L	97
55) Styrene	9.558	104	294930	5.697	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	89339	5.399	ug/L	100
59) Bromoform	9.728	173	38581	4.762	ug/L	97
60) Isopropylbenzene	9.931	105	432310	5.489	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	62715	5.386	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	330820	5.280	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	342852	5.388	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	213454	5.532	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	215912	5.503	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	195665	5.430	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	11918	4.828	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	146406	5.368	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	108688	5.240	ug/L	99
71) Naphthalene	13.500	128	171462	4.989	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	102114	5.291	ug/L	99

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

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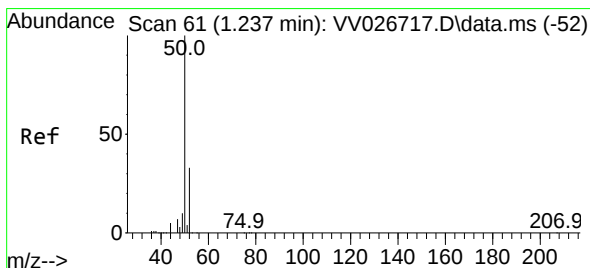
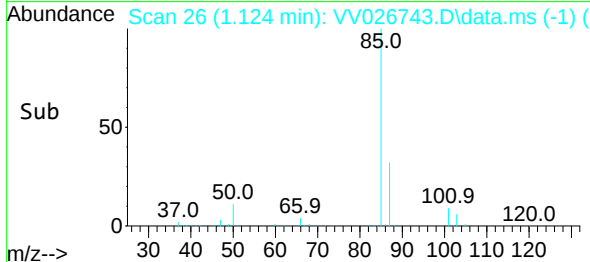
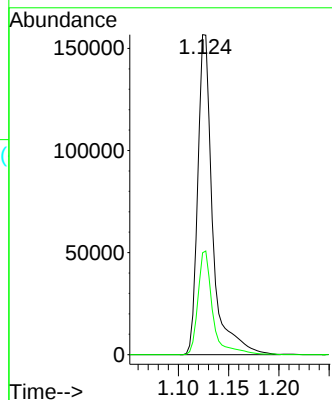
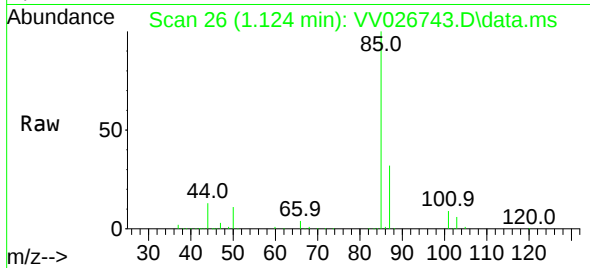




#2
 Dichlorodifluoromethane
 Concen: 5.260 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV026743.D
 Acq: 13 Jul 2022 10:49

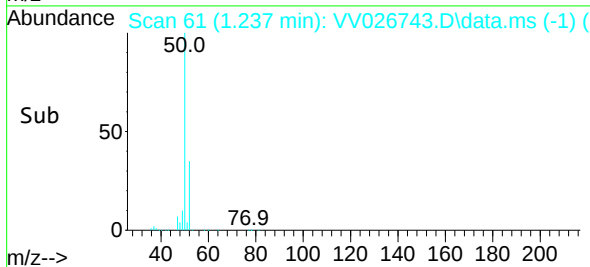
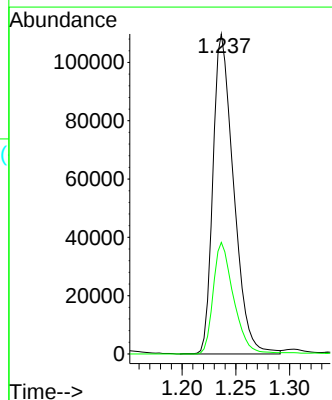
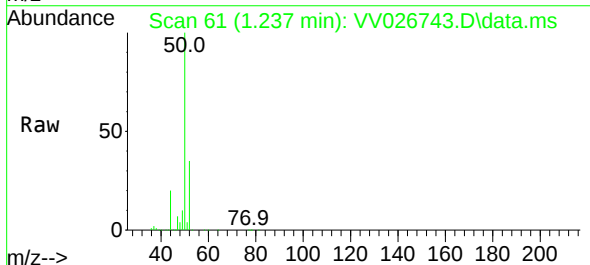
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 MSVOA_V
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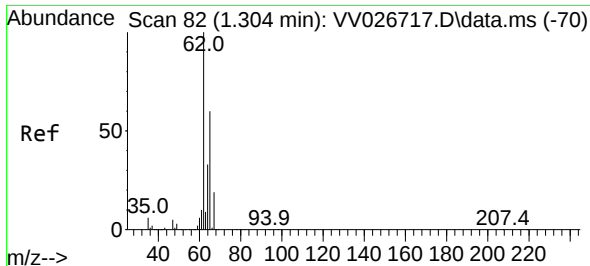
Tgt Ion: 85 Resp: 161730
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 4.974 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV026743.D
 Acq: 13 Jul 2022 10:49

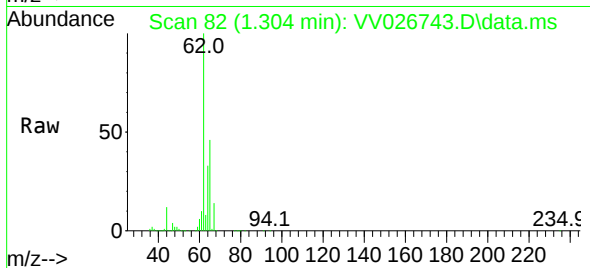
Tgt Ion: 50 Resp: 146733
 Ion Ratio Lower Upper
 50 100
 52 34.9 22.8 42.4



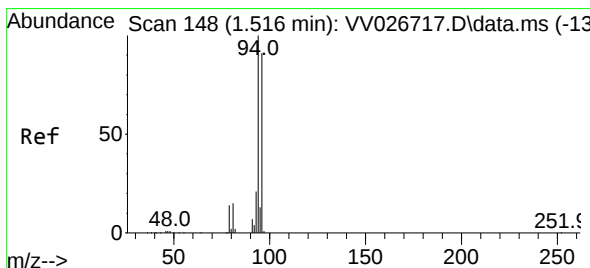
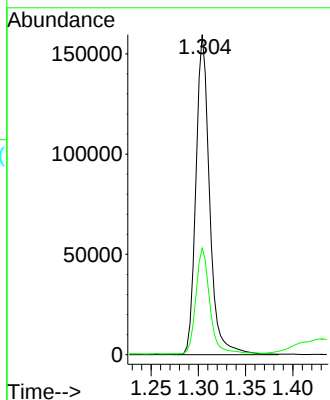
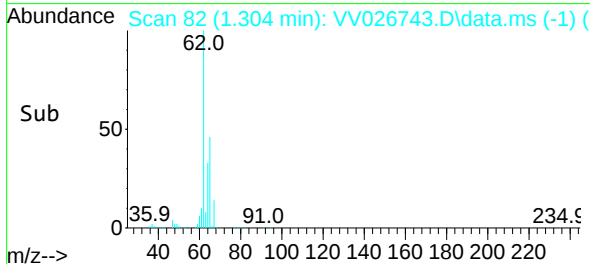


#5
 Vinyl chloride
 Concen: 5.356 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VV026743.D
 Acq: 13 Jul 2022 10:49

Instrument :
 MSVOA_V
 ClientSampleId :

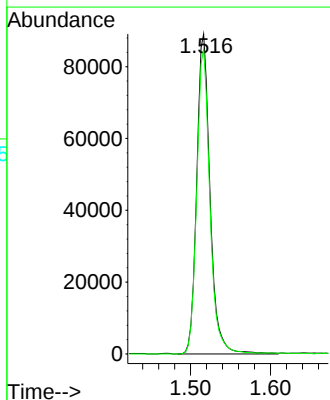
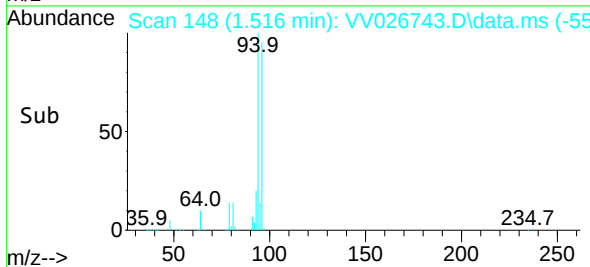
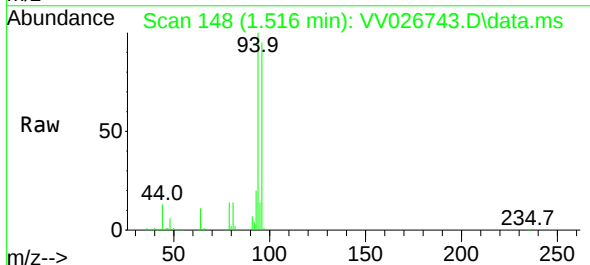


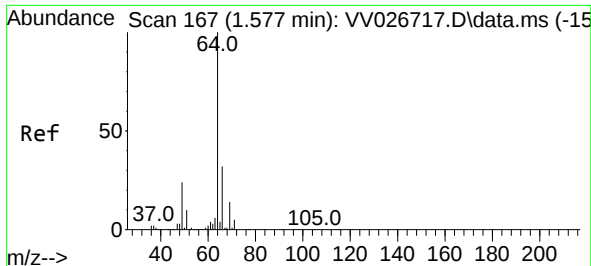
Tgt Ion: 62 Resp: 160892
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5



#6
 Bromomethane
 Concen: 5.758 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026743.D
 Acq: 13 Jul 2022 10:49

Tgt Ion: 94 Resp: 103529
 Ion Ratio Lower Upper
 94 100
 96 95.2 67.1 124.7

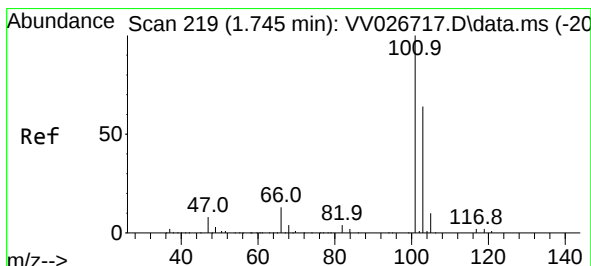
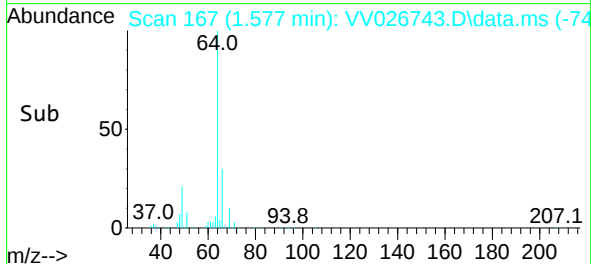
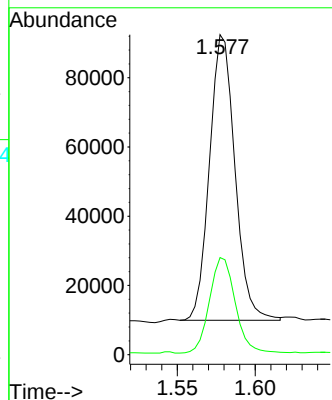
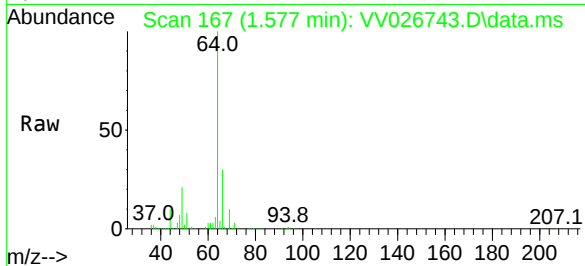




#8
Chloroethane
Concen: 5.289 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

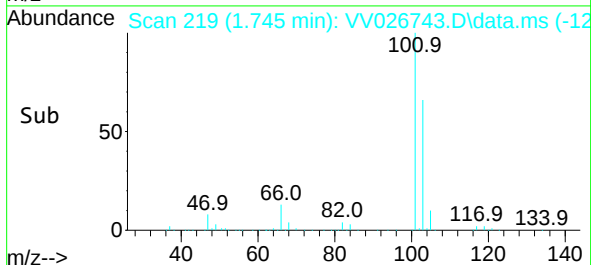
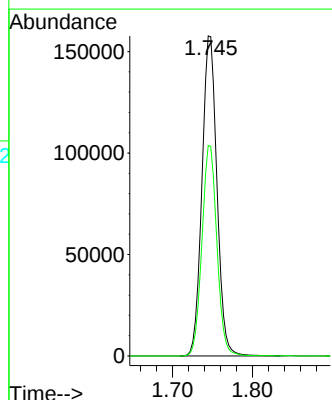
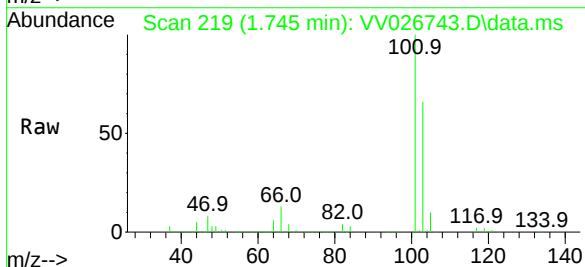
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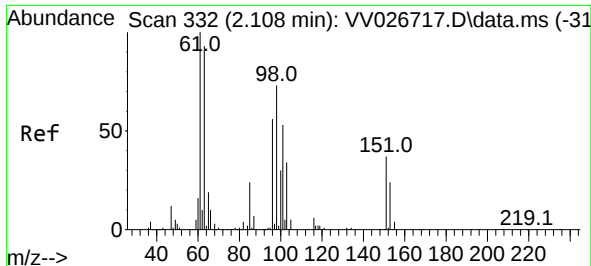
Tgt Ion: 64 Resp: 93603
Ion Ratio Lower Upper
64 100
66 30.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.396 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion: 101 Resp: 206012
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

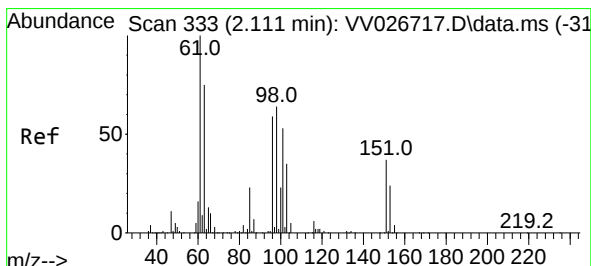
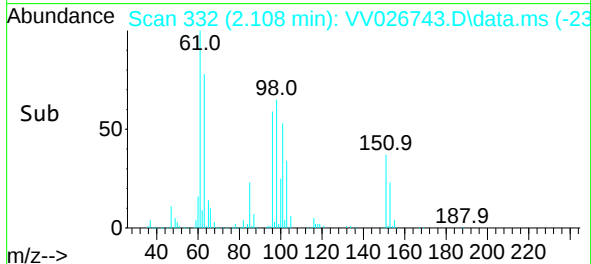
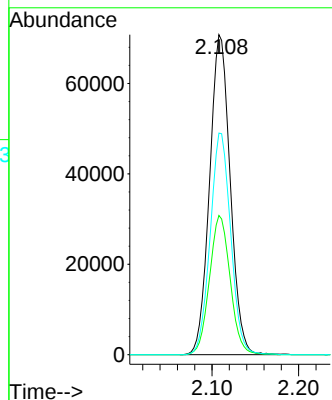
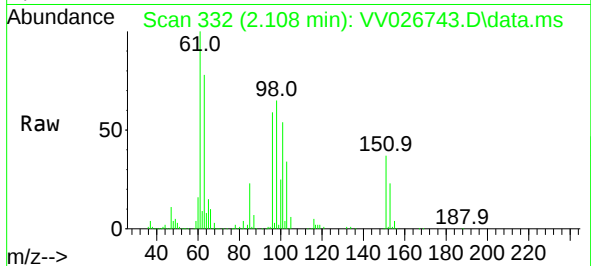




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.354 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV026743.D
 Acq: 13 Jul 2022 10:49

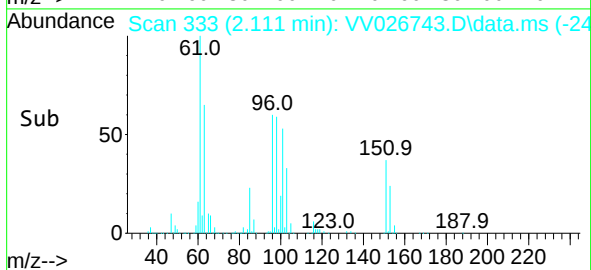
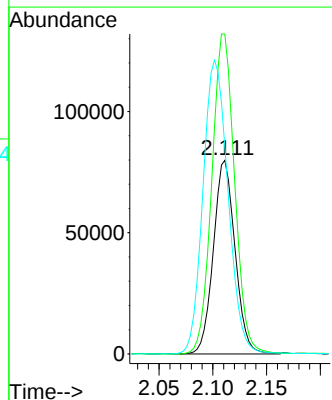
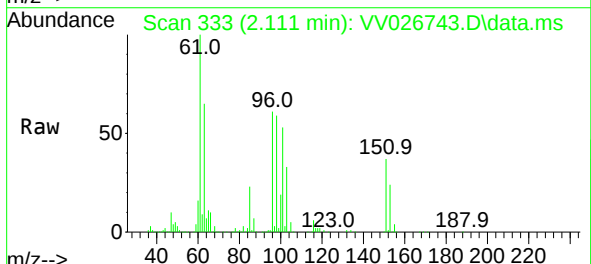
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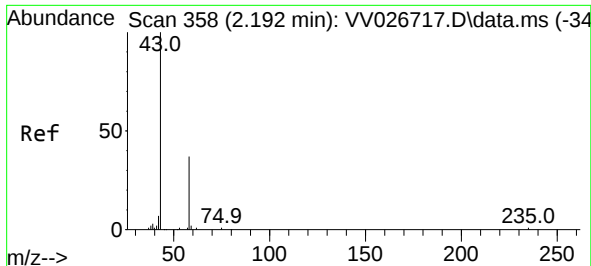
Tgt Ion:101 Resp: 117090
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.0 52.4
 151 69.1 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 5.291 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV026743.D
 Acq: 13 Jul 2022 10:49

Tgt Ion: 96 Resp: 112185
 Ion Ratio Lower Upper
 96 100
 61 165.1 118.3 219.7
 63 107.0 79.9 148.3

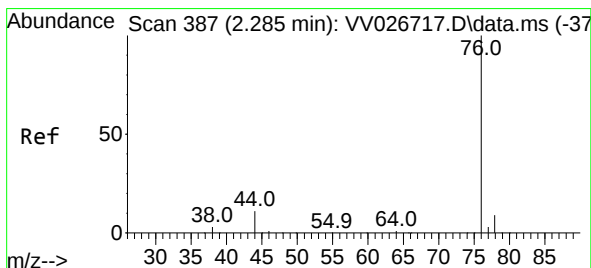
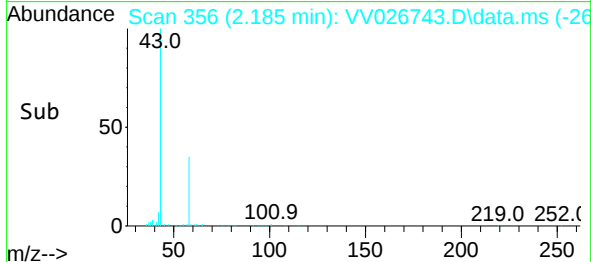
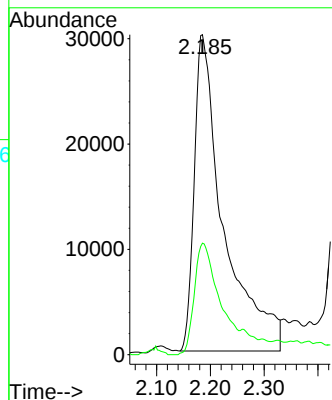
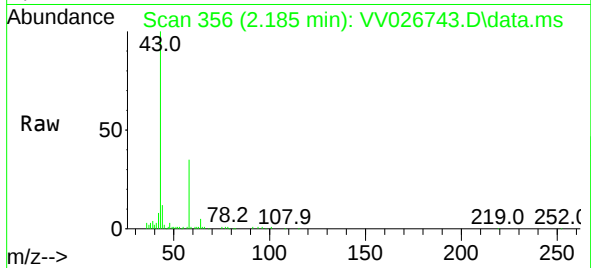




#13
Acetone
Concen: 39.302 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

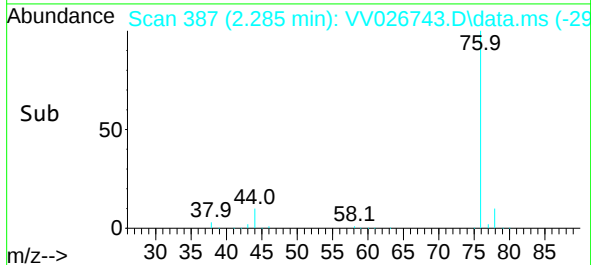
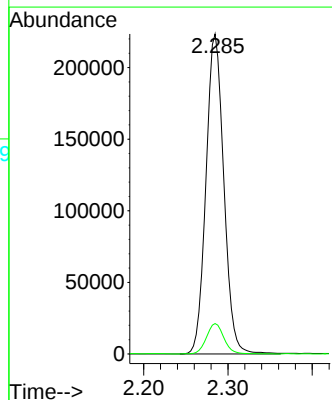
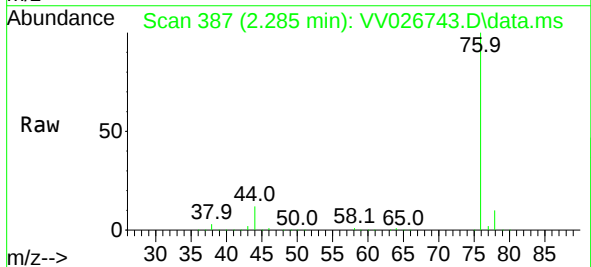
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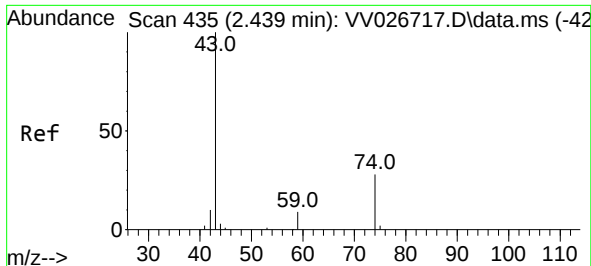
Tgt Ion: 43 Resp: 113864
Ion Ratio Lower Upper
43 100
58 30.1 0.0 20.6#



#14
Carbon disulfide
Concen: 5.275 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion: 76 Resp: 329555
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5

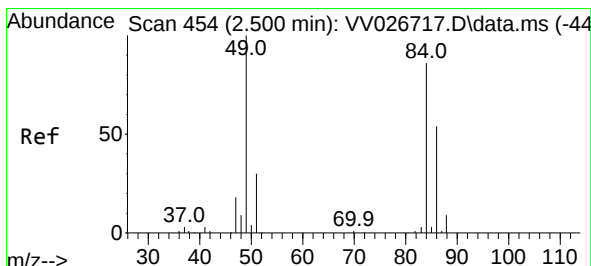
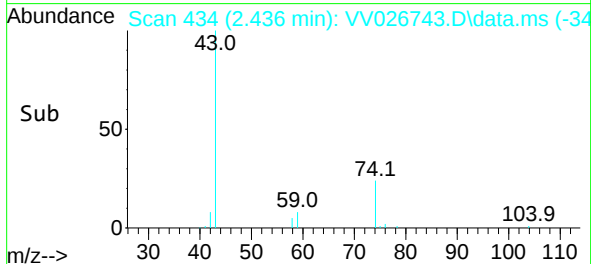
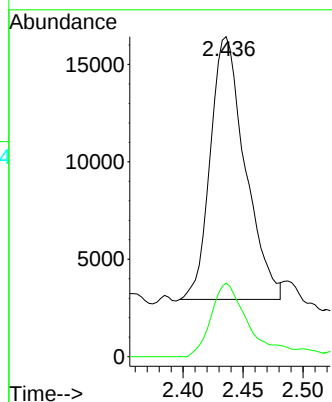
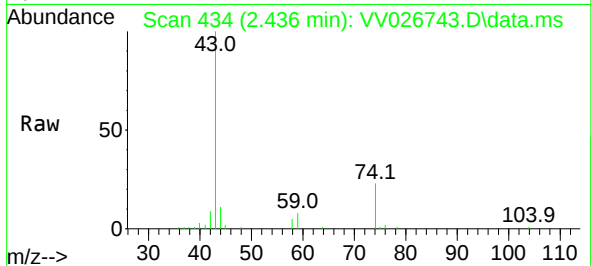




#15
Methyl Acetate
Concen: 4.640 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

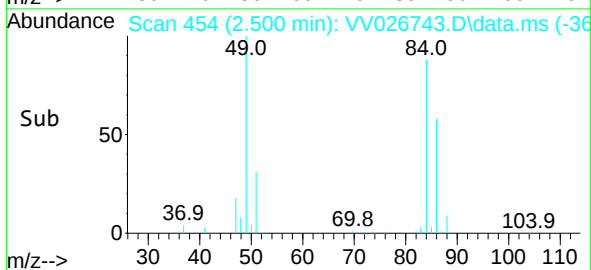
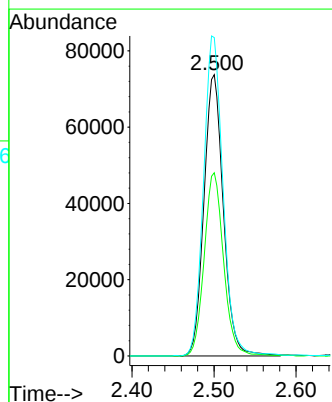
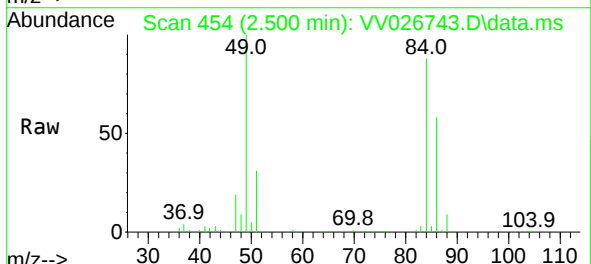
Instrument :
MSVOA_V
ClientSampleId :

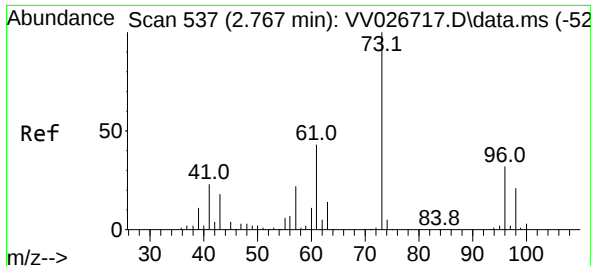
Tgt Ion: 43 Resp: 27185
Ion Ratio Lower Upper
43 100
74 29.9 20.1 30.1



#16
Methylene chloride
Concen: 4.804 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion: 84 Resp: 121338
Ion Ratio Lower Upper
84 100
86 65.2 44.8 83.2
49 113.2 78.7 146.1

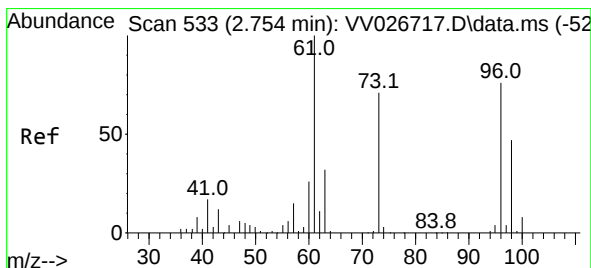
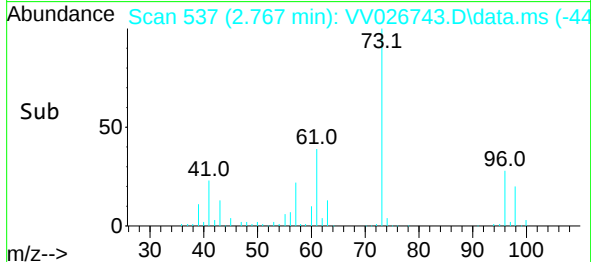
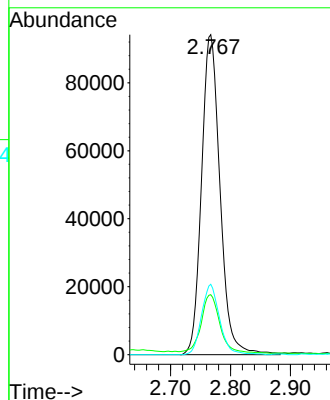
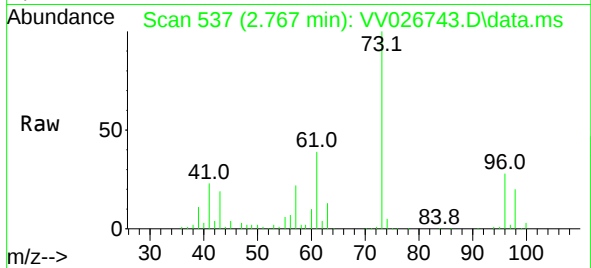




#17
Methyl tert-butyl Ether
Concen: 5.551 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

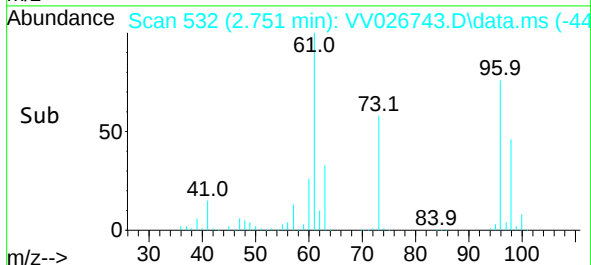
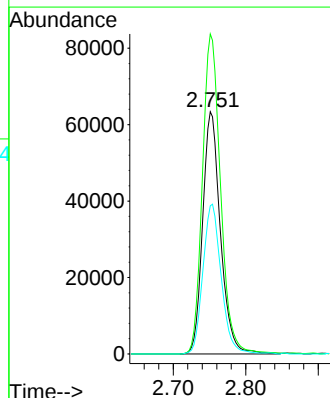
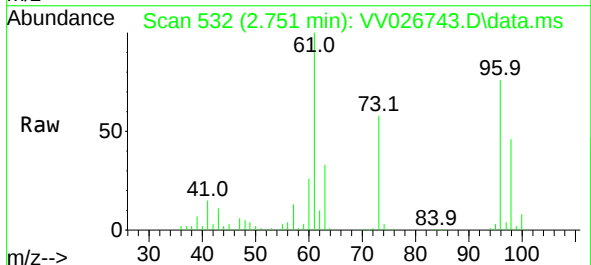
Instrument :
MSVOA_V
ClientSampleId :

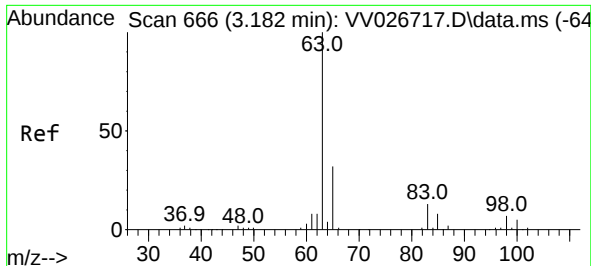
Tgt Ion: 73 Resp: 202775
Ion Ratio Lower Upper
73 100
43 18.8 14.0 21.0
57 21.5 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.534 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion: 96 Resp: 107857
Ion Ratio Lower Upper
96 100
61 132.1 94.7 175.9
98 61.2 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.604 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

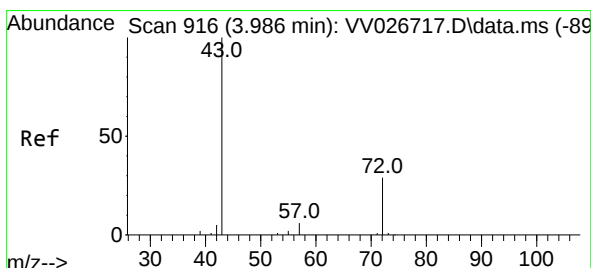
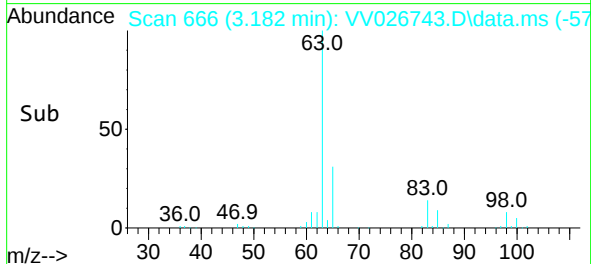
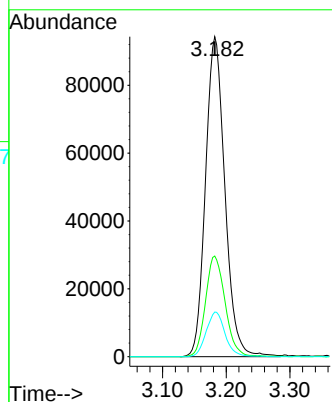
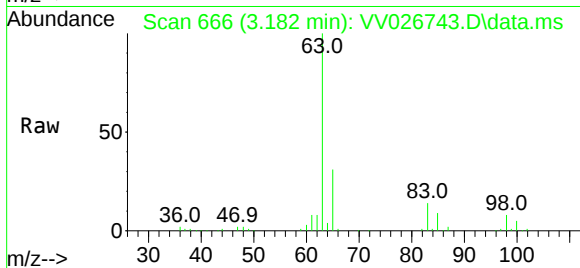
Tgt Ion: 63 Resp: 199420

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.3

83 13.9 9.9 18.5



#21

2-Butanone

Concen: 48.929 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.003 min

Lab File: VV026743.D

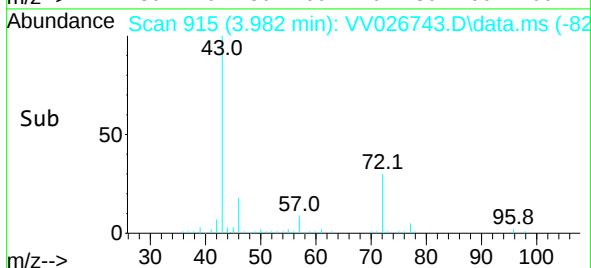
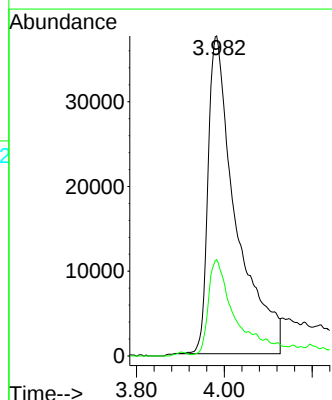
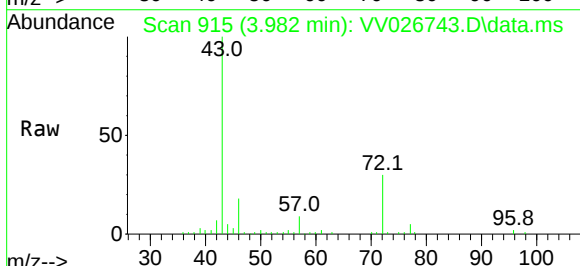
Acq: 13 Jul 2022 10:49

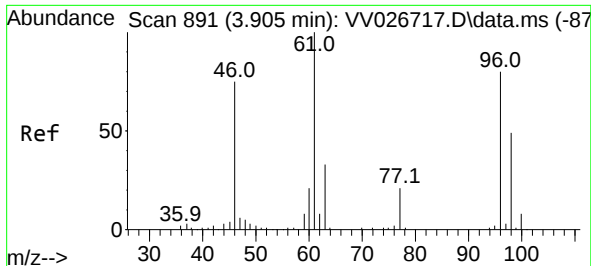
Tgt Ion: 43 Resp: 165316

Ion Ratio Lower Upper

43 100

72 23.4 13.9 41.7





#22

cis-1,2-Dichloroethene

Concen: 5.387 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

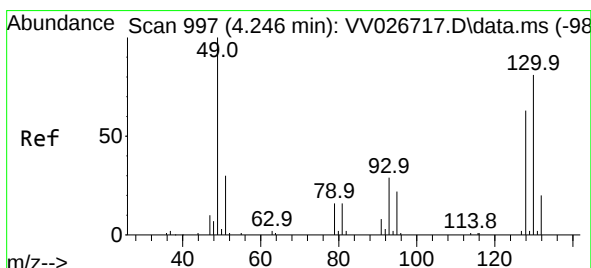
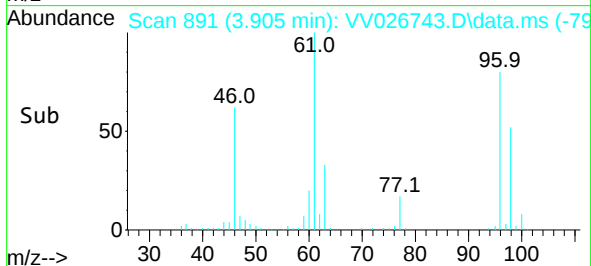
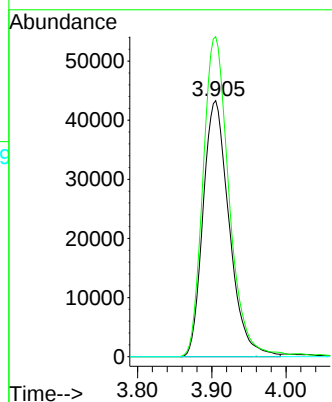
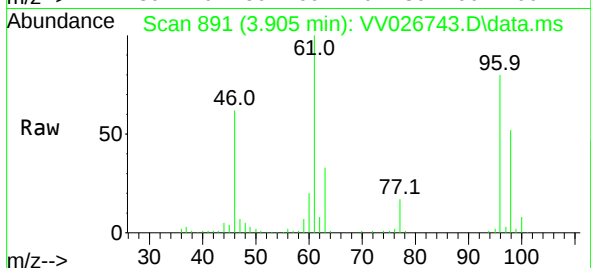
Tgt Ion: 96 Resp: 105899

Ion Ratio Lower Upper

96 100

61 125.0 83.9 155.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.373 ug/L

RT: 4.240 min Scan# 995

Delta R.T. -0.006 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Tgt Ion: 128 Resp: 48650

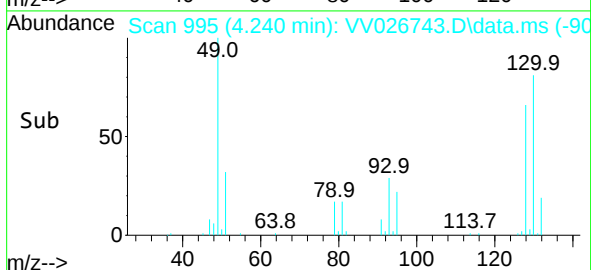
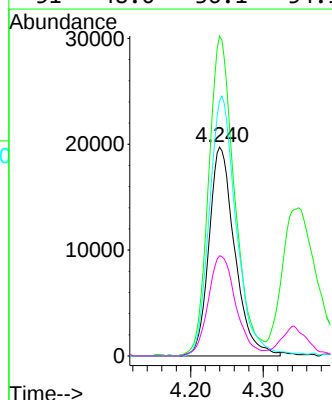
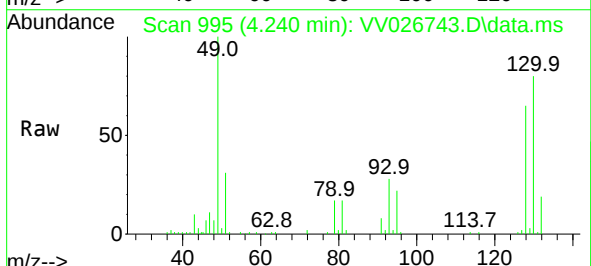
Ion Ratio Lower Upper

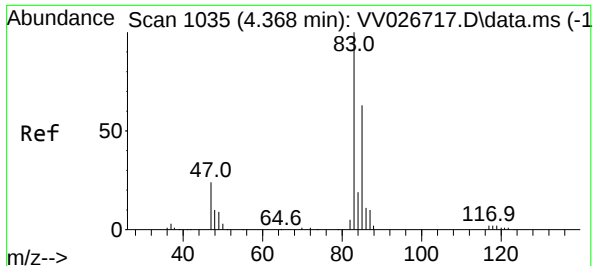
128 100

49 153.2 107.2 199.2

130 122.2 87.1 161.7

51 48.0 36.1 54.1





#25

Chloroform

Concen: 5.446 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Instrument :

MSVOA_V

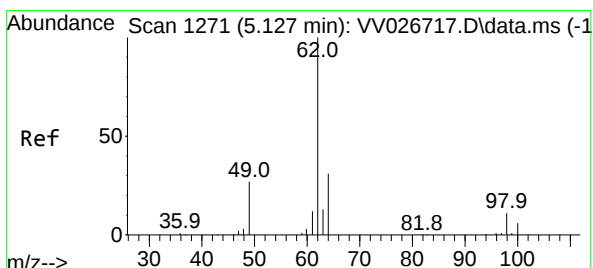
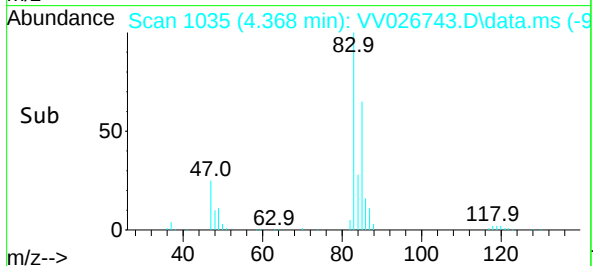
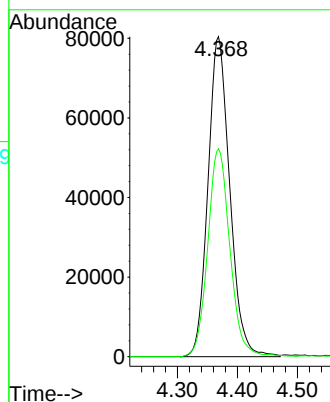
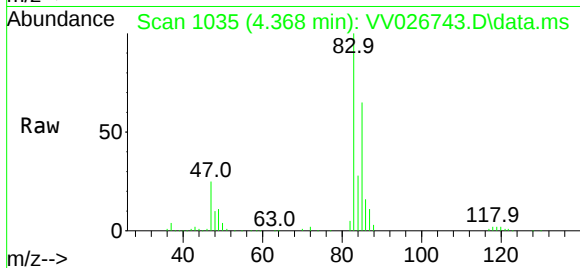
ClientSampleId :

Tgt Ion: 83 Resp: 203001

Ion Ratio Lower Upper

83 100

85 65.0 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.379 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV026743.D

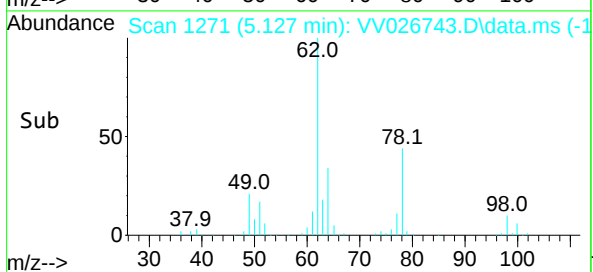
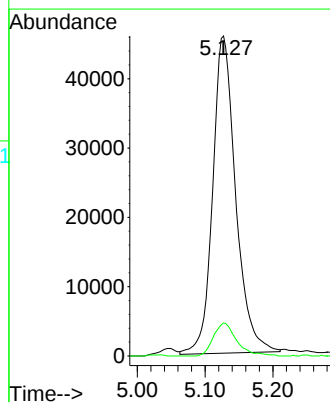
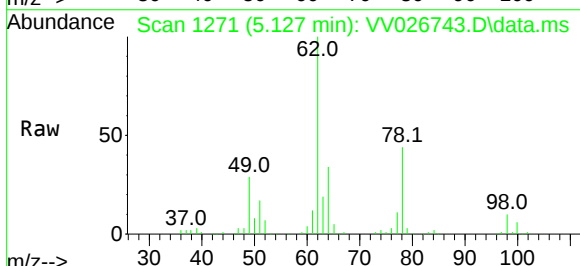
Acq: 13 Jul 2022 10:49

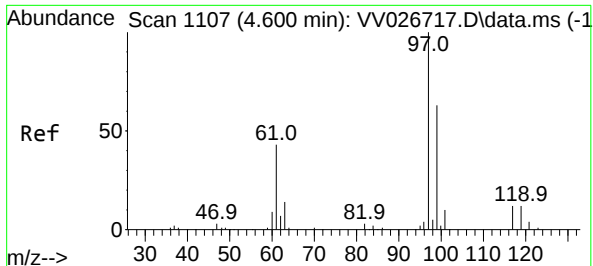
Tgt Ion: 62 Resp: 108031

Ion Ratio Lower Upper

62 100

98 10.3 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.432 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

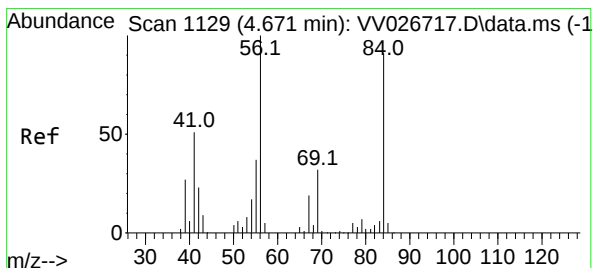
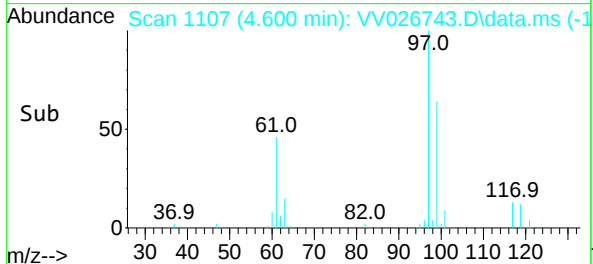
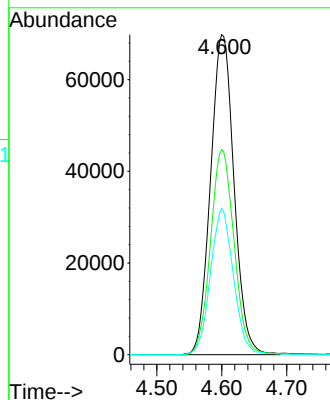
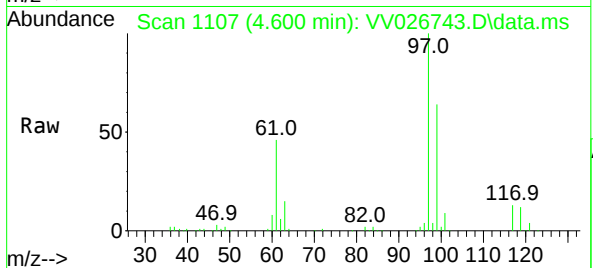
Tgt Ion: 97 Resp: 175116

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 44.7 35.1 52.7



#30

Cyclohexane

Concen: 5.530 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

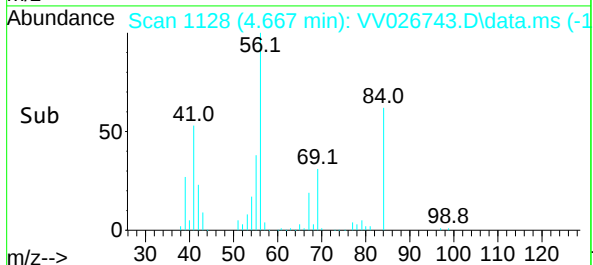
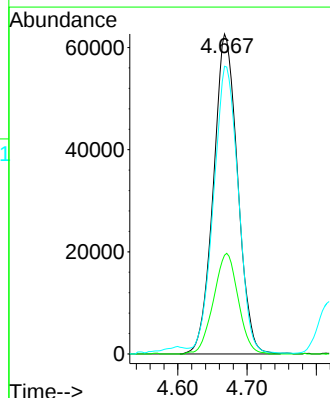
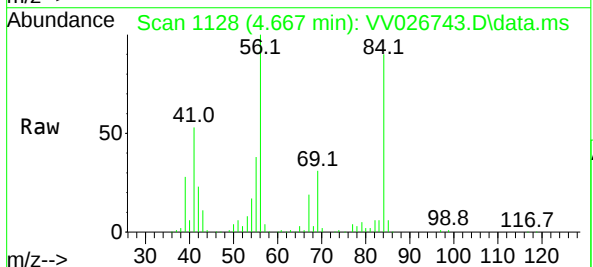
Tgt Ion: 56 Resp: 151915

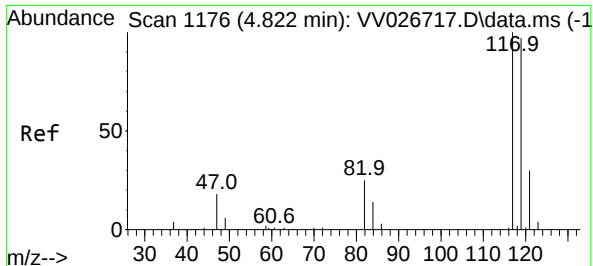
Ion Ratio Lower Upper

56 100

69 32.0 25.1 37.7

84 91.9 74.0 111.0

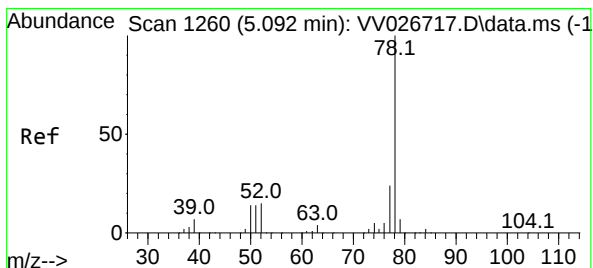
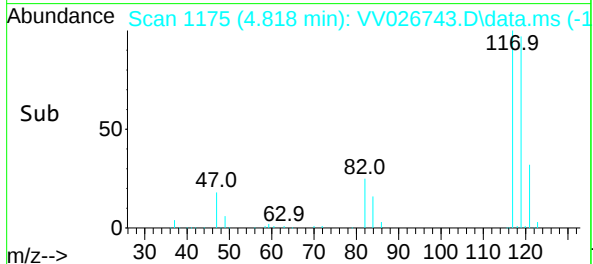
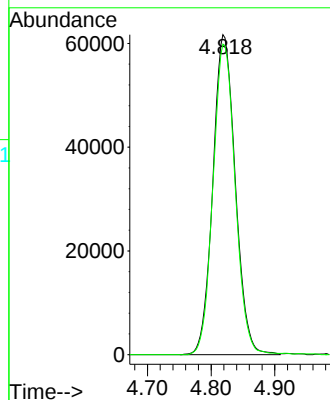
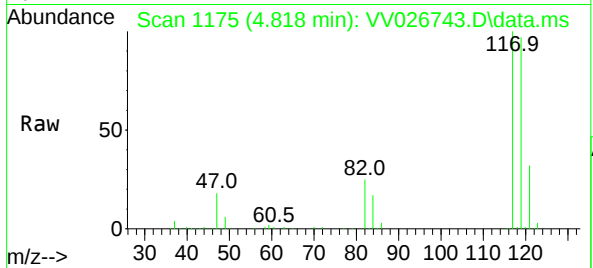




#31
Carbon tetrachloride
Concen: 5.314 ug/L
RT: 4.818 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

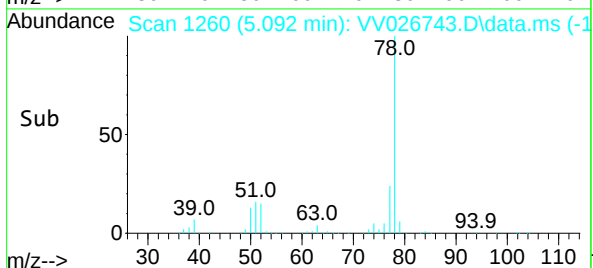
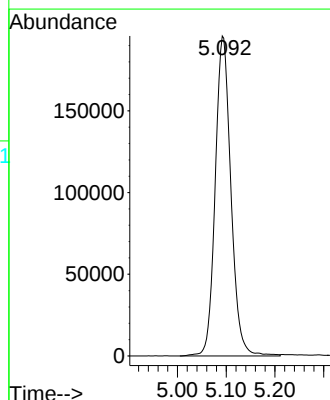
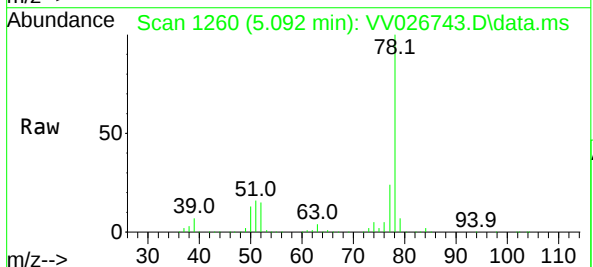
Instrument :
MSVOA_V
ClientSampleId :

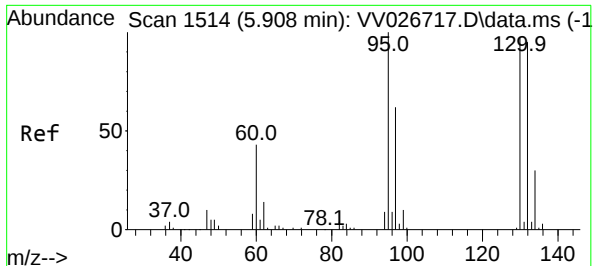
Tgt Ion:117 Resp: 151296
Ion Ratio Lower Upper
117 100
119 95.9 75.1 112.7



#33
Benzene
Concen: 5.483 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

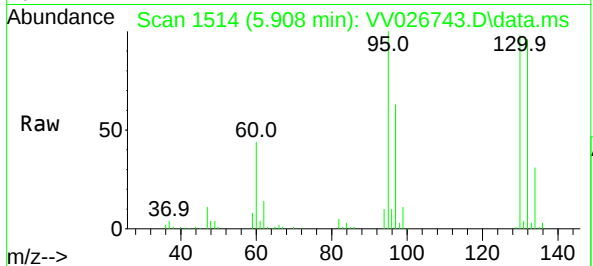
Tgt Ion: 78 Resp: 438492





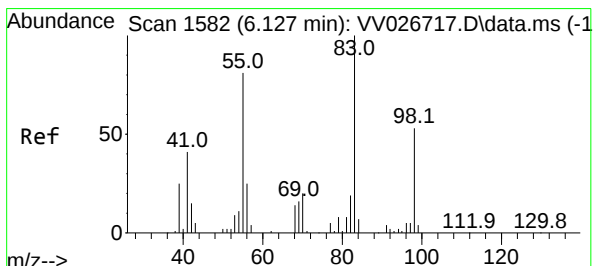
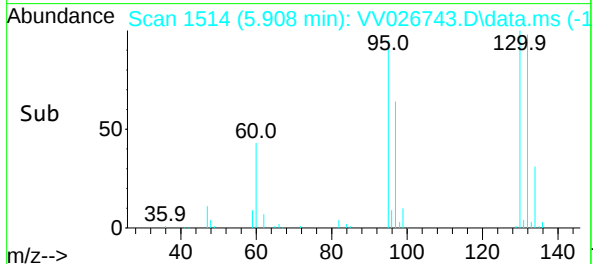
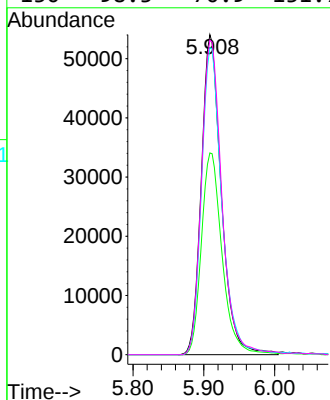
#34
Trichloroethene
Concen: 5.395 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 106041

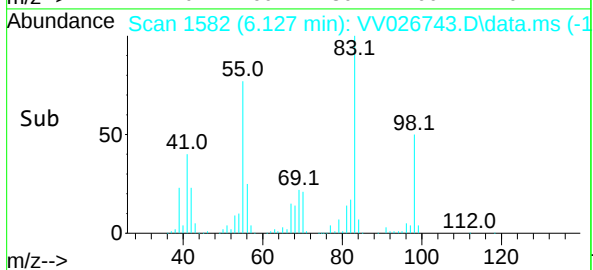
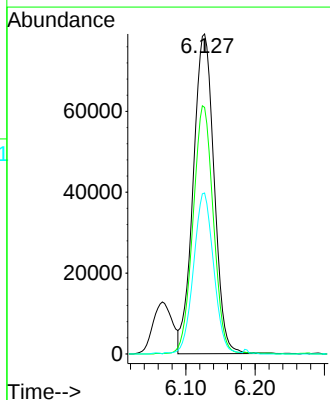
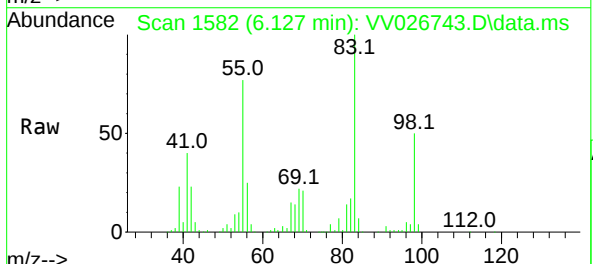
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.6	82.8
132	96.0	70.2	130.4
130	98.3	70.9	131.7

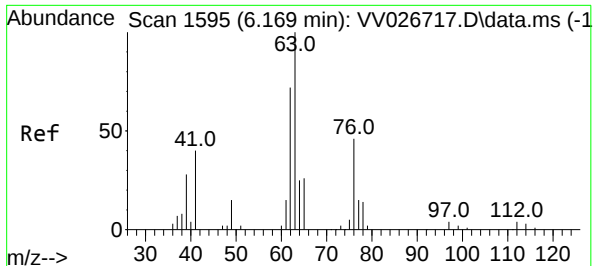


#35
Methylcyclohexane
Concen: 5.523 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion: 83 Resp: 165687

Ion	Ratio	Lower	Upper
83	100		
55	75.5	59.5	89.3
98	47.5	38.3	57.5





#37

1,2-Dichloropropane

Concen: 5.736 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Instrument :

MSVOA_V

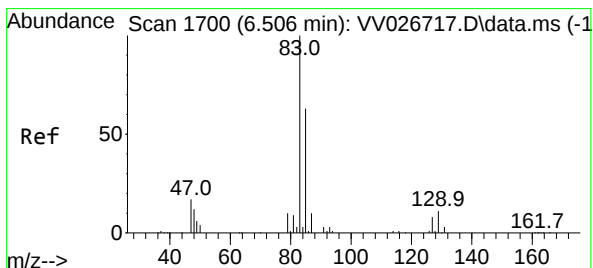
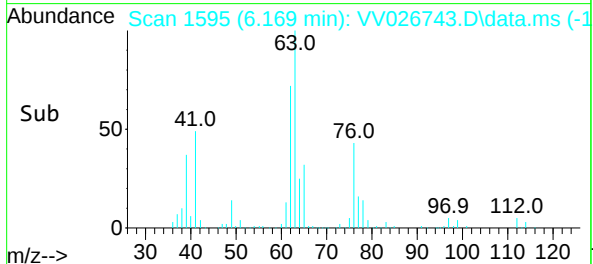
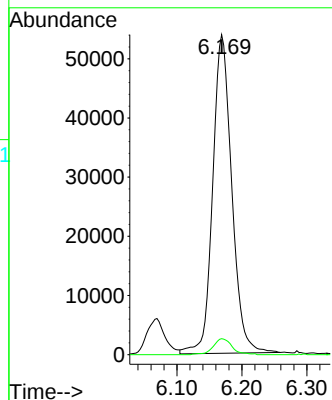
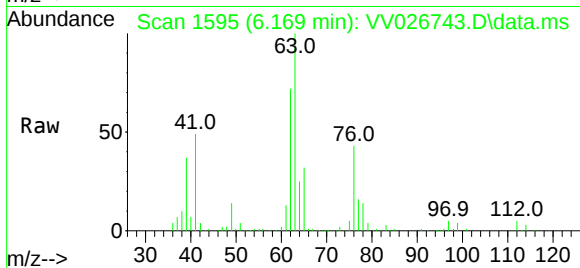
ClientSampleId :

Tgt Ion: 63 Resp: 109686

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 5.285 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

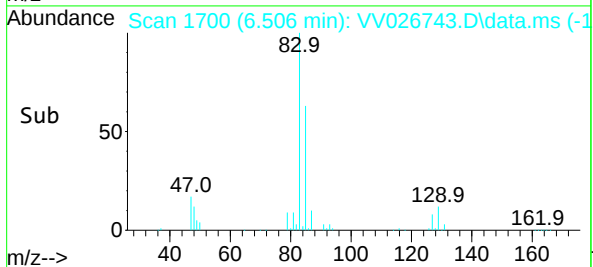
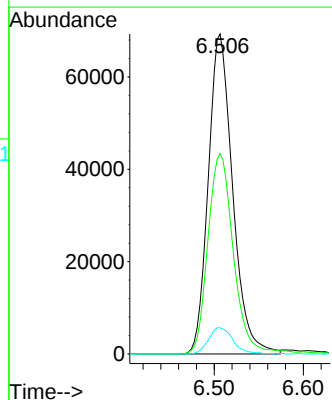
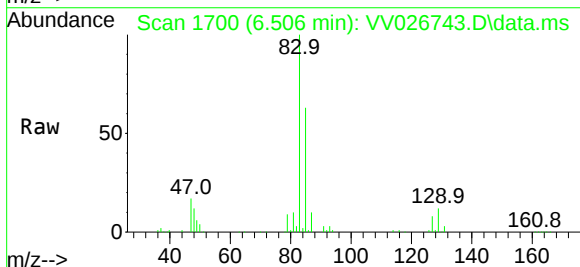
Tgt Ion: 83 Resp: 131773

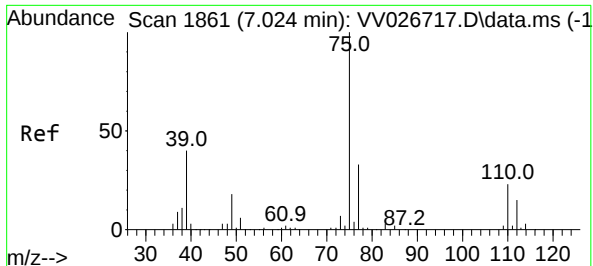
Ion Ratio Lower Upper

83 100

85 62.6 45.4 84.4

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.356 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Instrument :

MSVOA_V

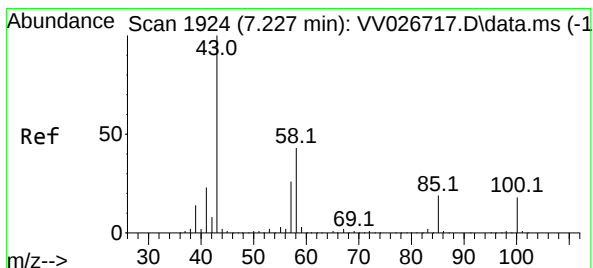
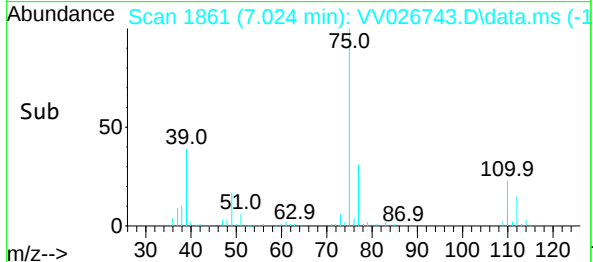
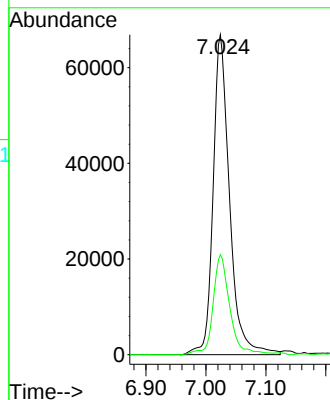
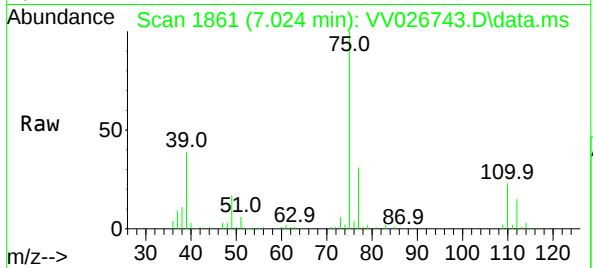
ClientSampleId :

Tgt Ion: 75 Resp: 127285

Ion Ratio Lower Upper

75 100

77 31.3 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 58.020 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

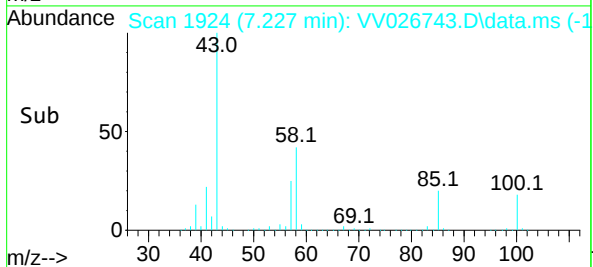
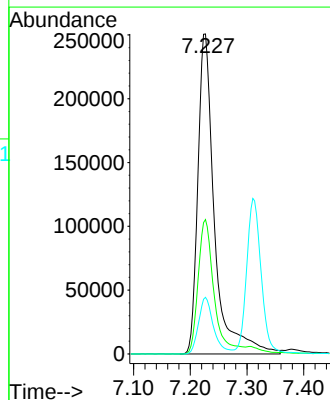
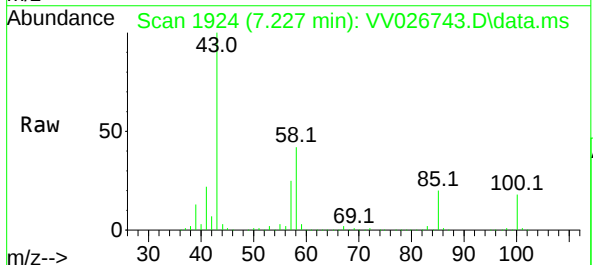
Tgt Ion: 43 Resp: 512523

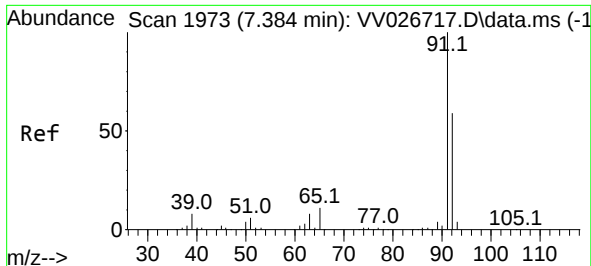
Ion Ratio Lower Upper

43 100

58 40.2 34.6 51.8

100 15.9 13.6 20.4

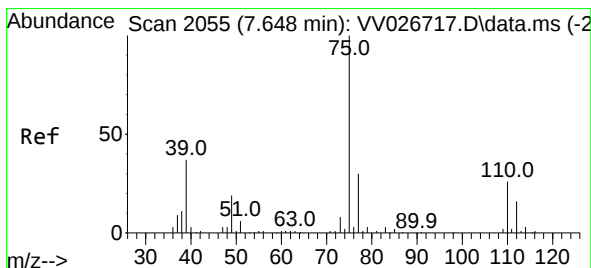
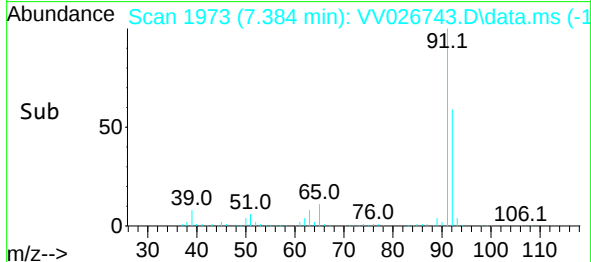
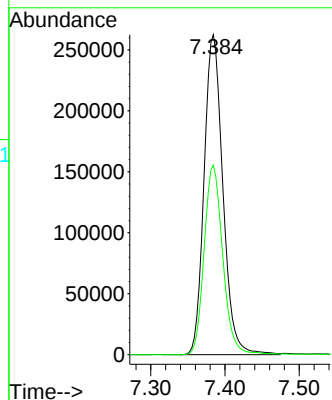
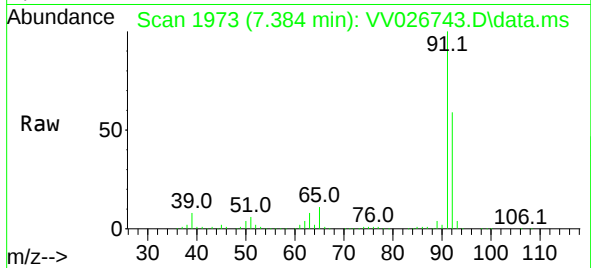




#42
Toluene
Concen: 5.715 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

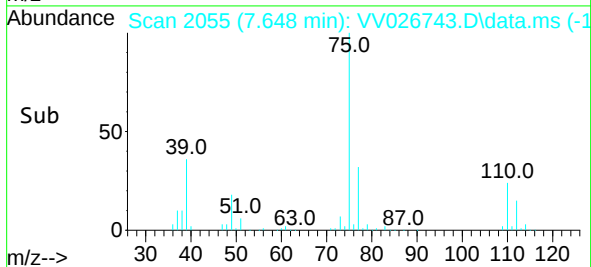
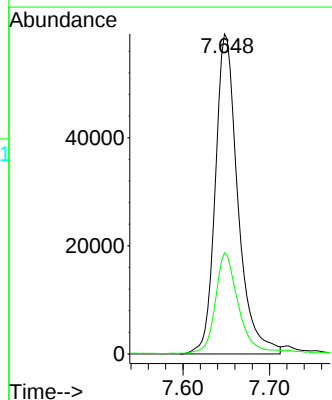
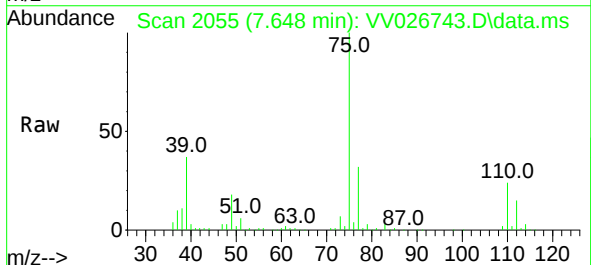
Instrument :
MSVOA_V
ClientSampleId :

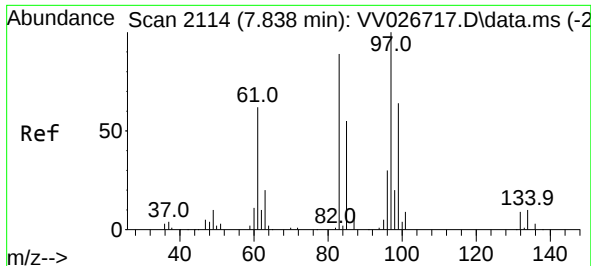
Tgt Ion: 91 Resp: 461589
Ion Ratio Lower Upper
91 100
92 59.3 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 5.492 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion: 75 Resp: 107176
Ion Ratio Lower Upper
75 100
77 31.6 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 5.418 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 75748

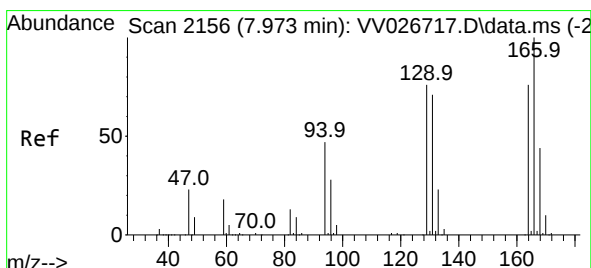
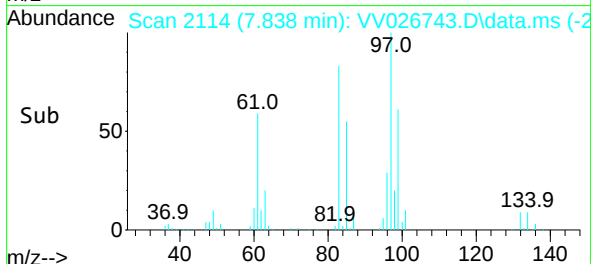
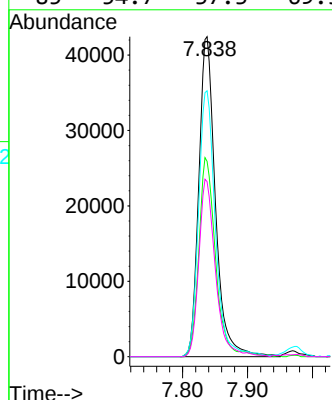
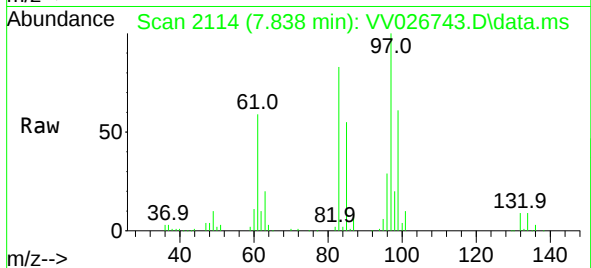
Ion Ratio Lower Upper

97 100

99 61.1 41.9 77.9

83 83.1 58.1 107.9

85 54.7 37.3 69.3



#47

Tetrachloroethene

Concen: 5.480 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Tgt Ion:164 Resp: 84484

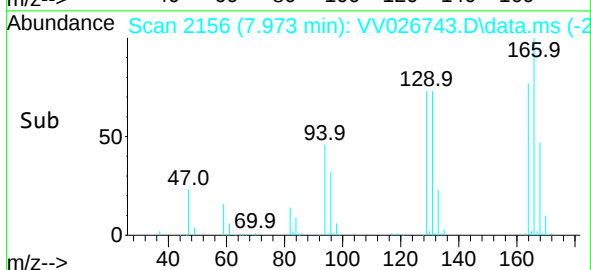
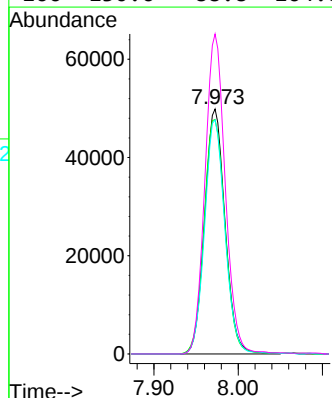
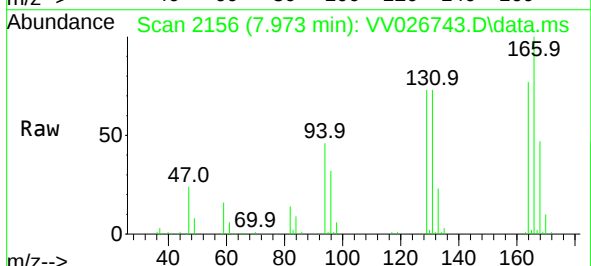
Ion Ratio Lower Upper

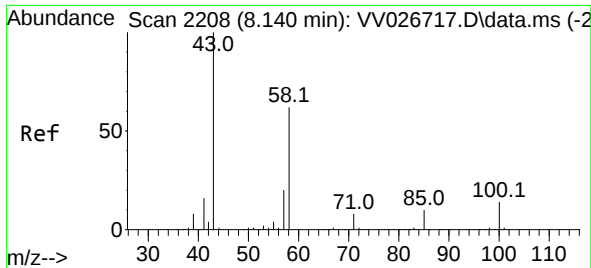
164 100

129 95.7 67.8 125.8

131 95.6 65.9 122.5

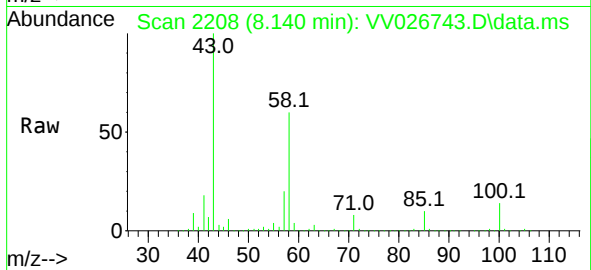
166 130.6 88.8 164.8



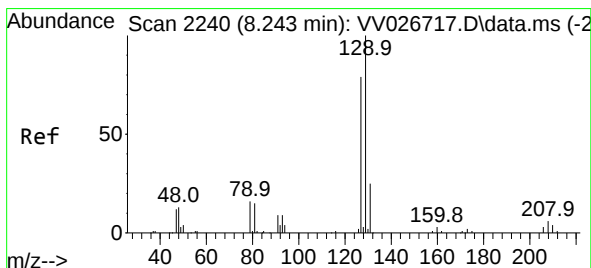
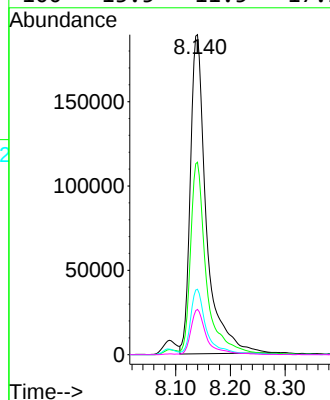
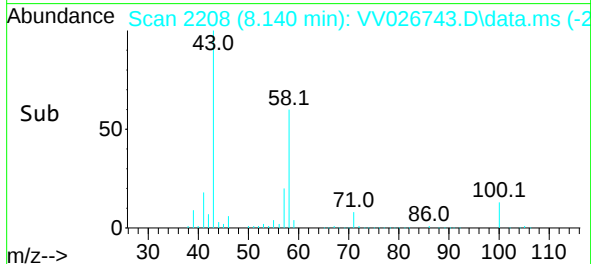


#48
2-Hexanone
Concen: 60.277 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Instrument :
MSVOA_V
ClientSampleId :

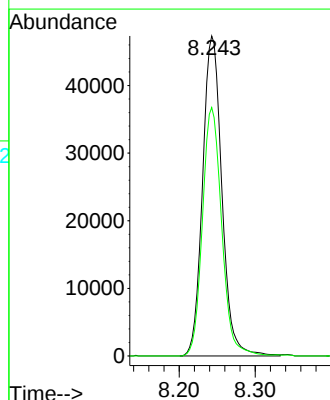
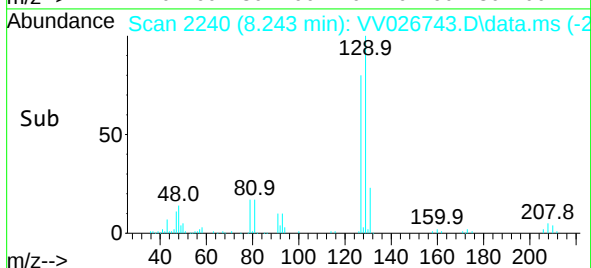
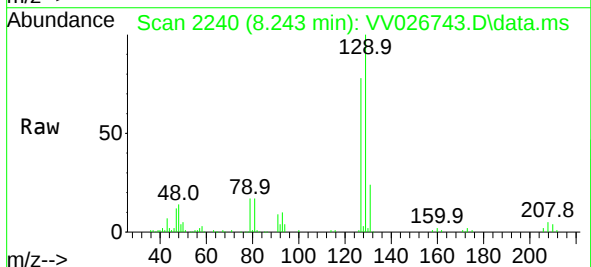


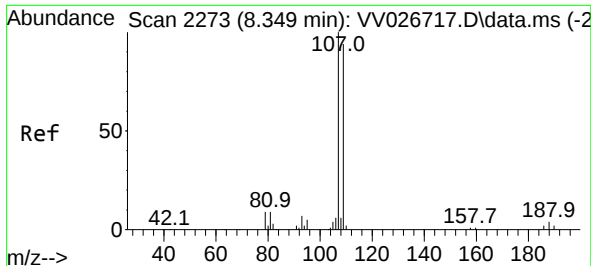
Tgt Ion: 43 Resp: 385375
Ion Ratio Lower Upper
43 100
58 58.6 47.9 71.9
57 19.3 16.3 24.5
100 13.5 11.5 17.3



#49
Dibromochloromethane
Concen: 5.179 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion: 129 Resp: 83446
Ion Ratio Lower Upper
129 100
127 77.7 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.444 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026743.D

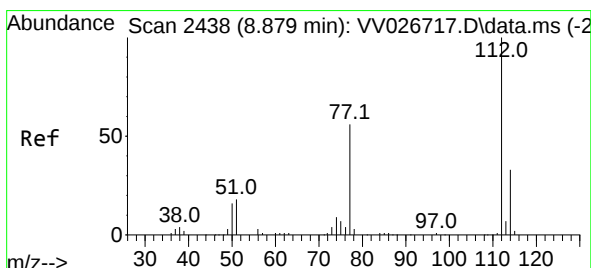
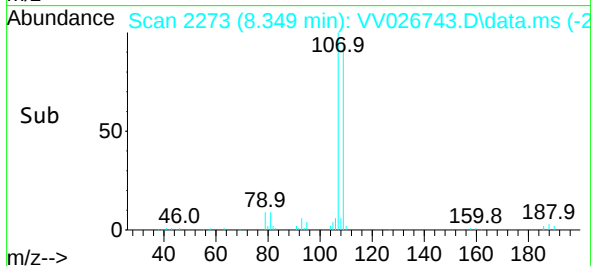
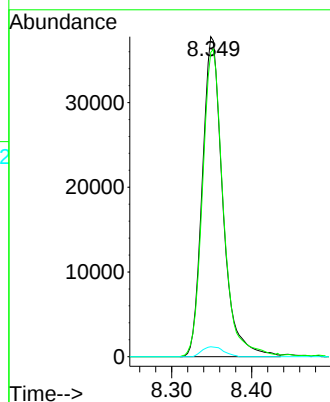
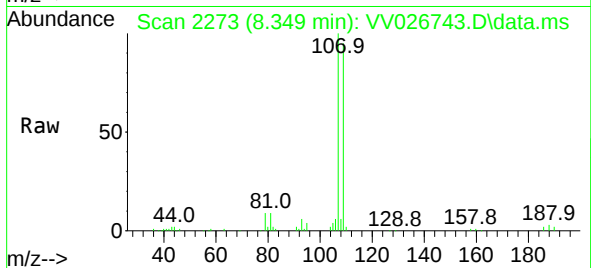
Acq: 13 Jul 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	67346
Ion	Ratio	Lower	Upper
107	100		
109	95.1	68.0	126.4
188	3.1	2.8	4.2



#51

Chlorobenzene

Concen: 5.532 ug/L

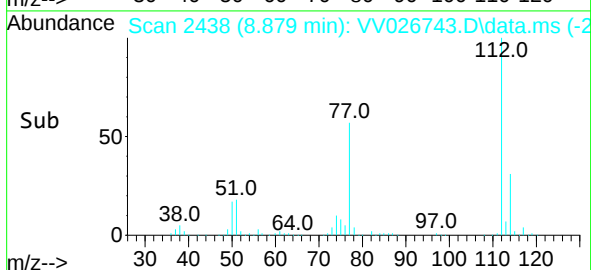
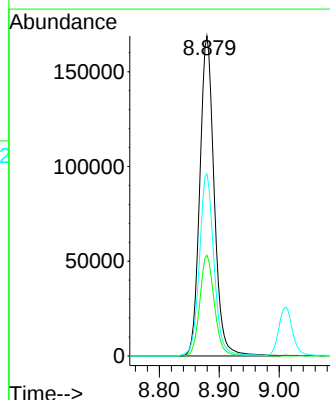
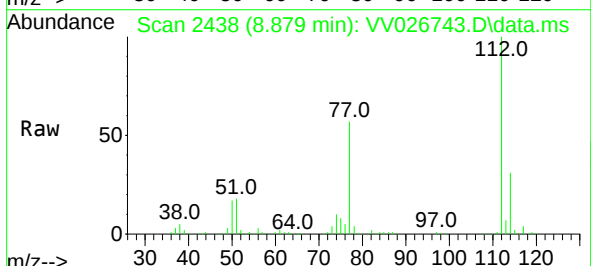
RT: 8.879 min Scan# 2438

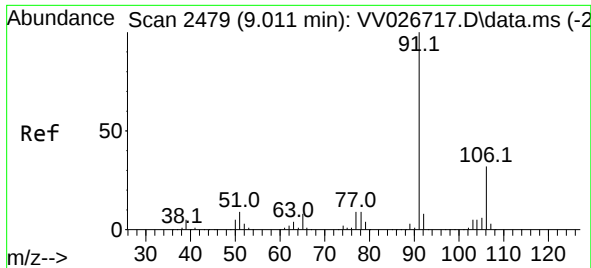
Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Tgt Ion:	112	Resp:	282513
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.7	42.1
77	57.0	46.6	70.0

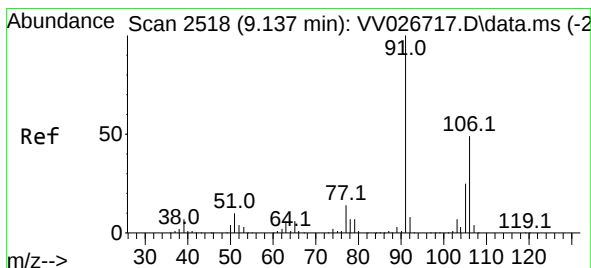
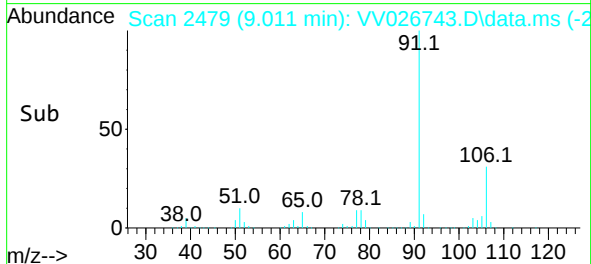
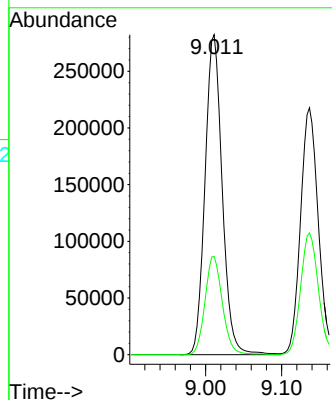
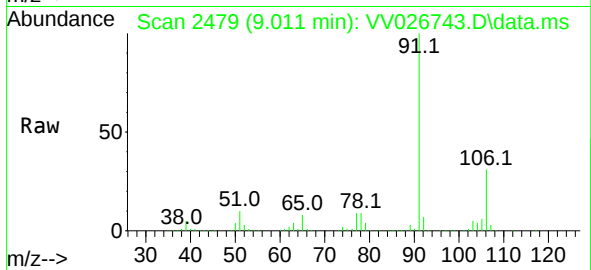




#52
Ethylbenzene
Concen: 5.536 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

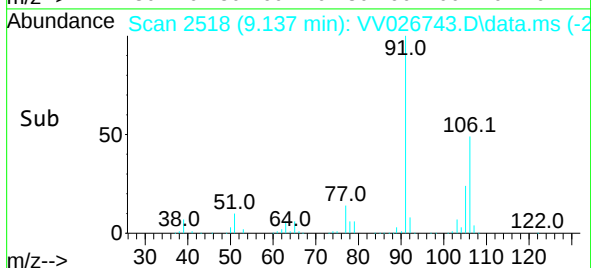
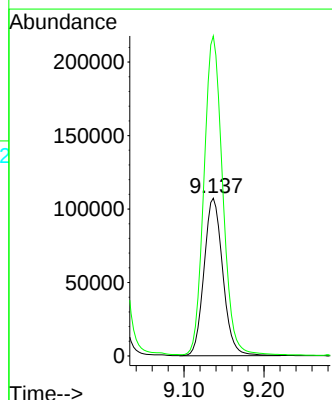
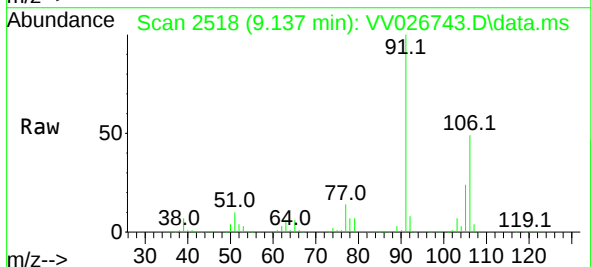
Instrument :
MSVOA_V
ClientSampleId :

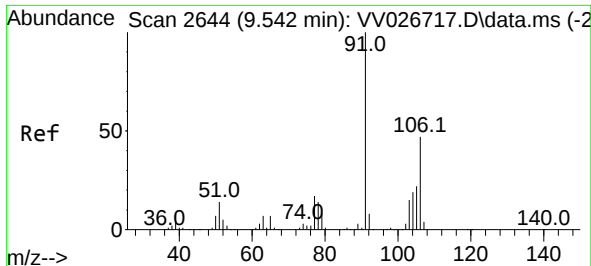
Tgt Ion: 91 Resp: 442493
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.2



#53
m,p-Xylene
Concen: 5.639 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion: 106 Resp: 175284
Ion Ratio Lower Upper
106 100
91 202.8 139.3 258.7

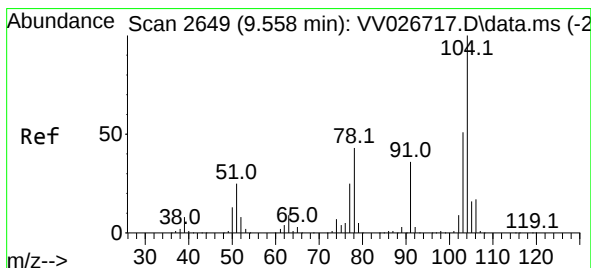
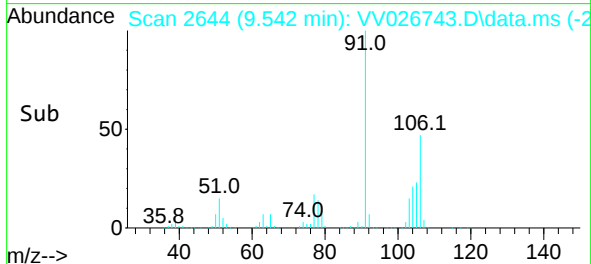
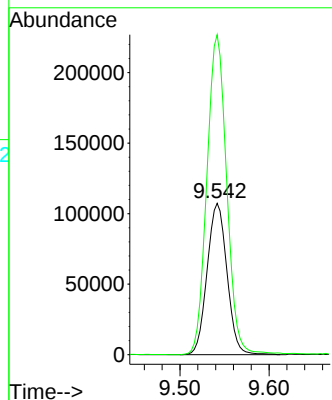
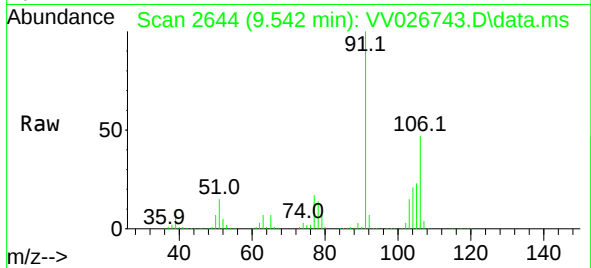




#54
o-Xylene
Concen: 5.613 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

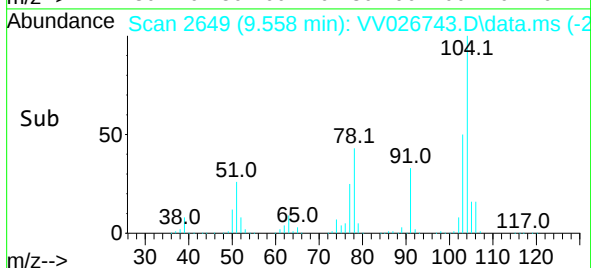
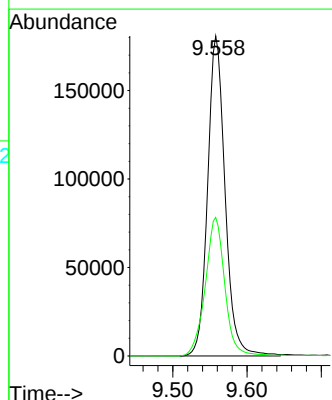
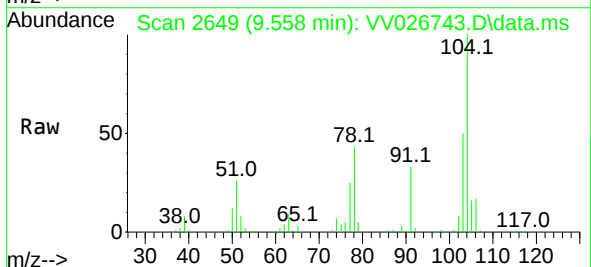
Instrument :
MSVOA_V
ClientSampleId :

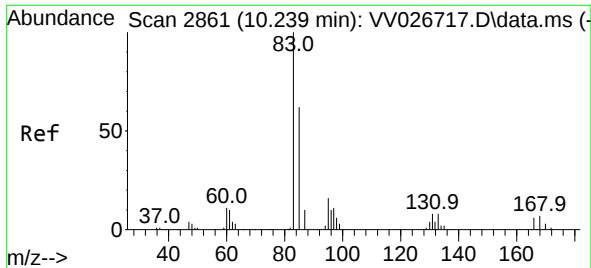
Tgt Ion:106 Resp: 165807
Ion Ratio Lower Upper
106 100
91 211.3 151.1 280.7



#55
Styrene
Concen: 5.697 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion:104 Resp: 294930
Ion Ratio Lower Upper
104 100
78 43.3 29.5 54.9

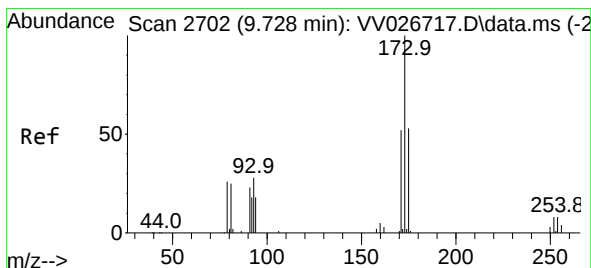
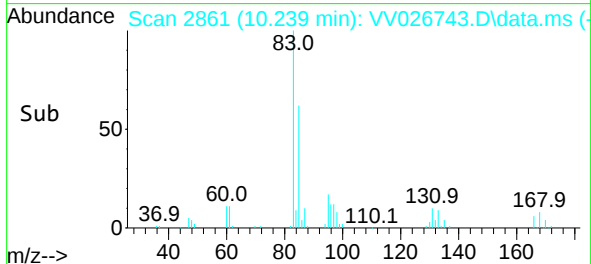
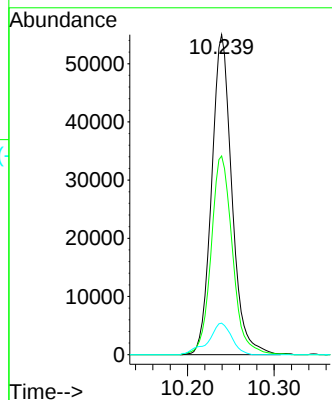
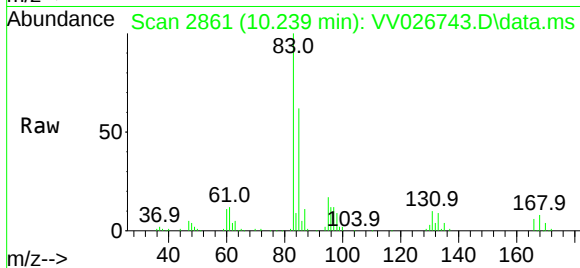




#57
1,1,2,2-Tetrachloroethane
Concen: 5.399 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

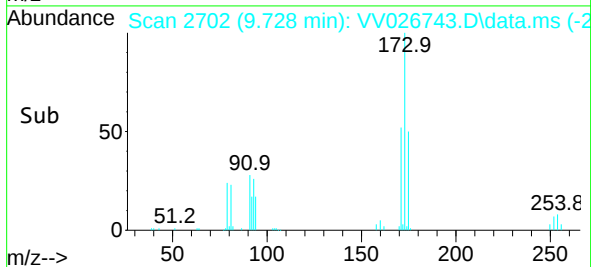
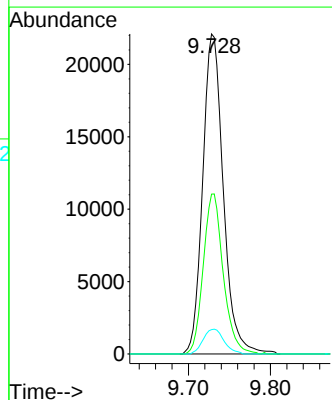
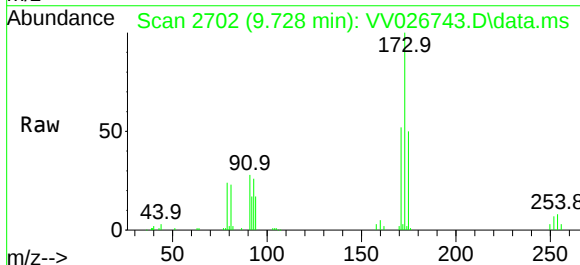
Instrument :
MSVOA_V
ClientSampleId :

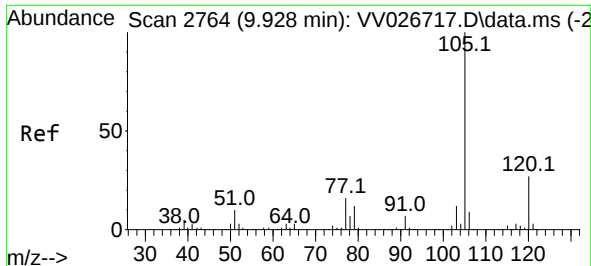
Tgt Ion: 83 Resp: 89339
Ion Ratio Lower Upper
83 100
85 62.1 43.6 81.0
131 9.8 7.4 11.2



#59
Bromoform
Concen: 4.762 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion: 173 Resp: 38581
Ion Ratio Lower Upper
173 100
175 48.4 40.7 61.1
254 7.8 6.5 9.7

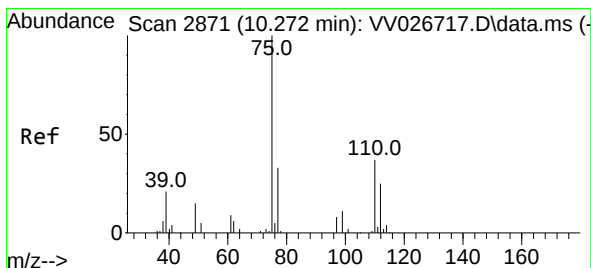
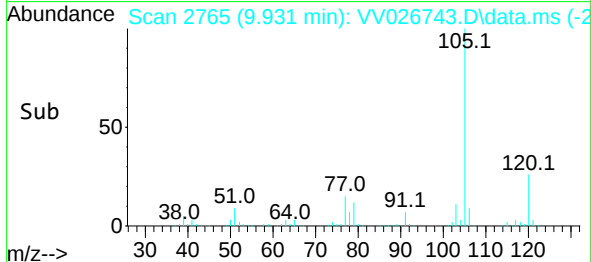
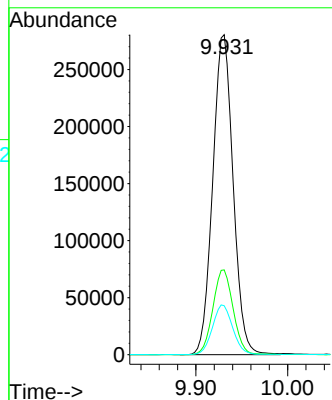
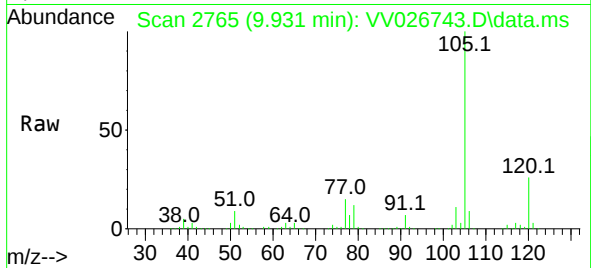




#60
Isopropylbenzene
Concen: 5.489 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

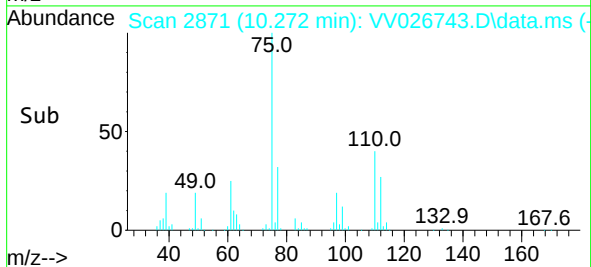
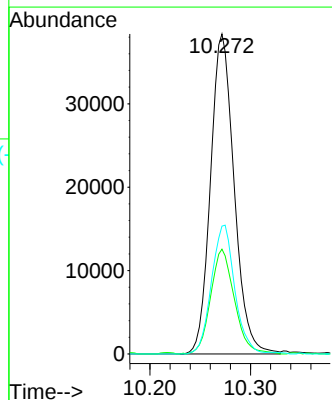
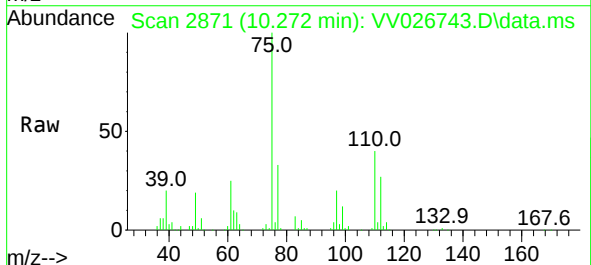
Instrument :
MSVOA_V
ClientSampleId :

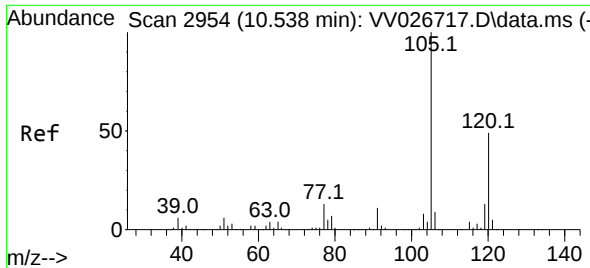
Tgt Ion:105 Resp: 432310
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.386 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion: 75 Resp: 62715
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
110 39.9 31.8 47.6

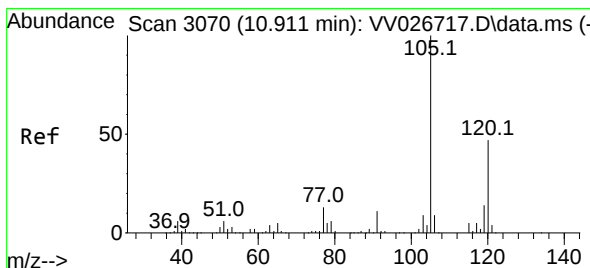
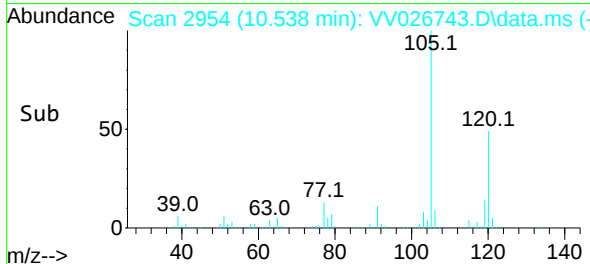
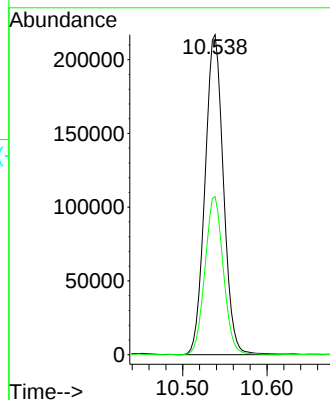
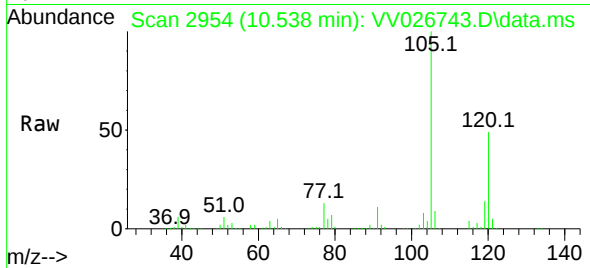




#62
 1,3,5-Trimethylbenzene
 Concen: 5.280 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026743.D
 Acq: 13 Jul 2022 10:49

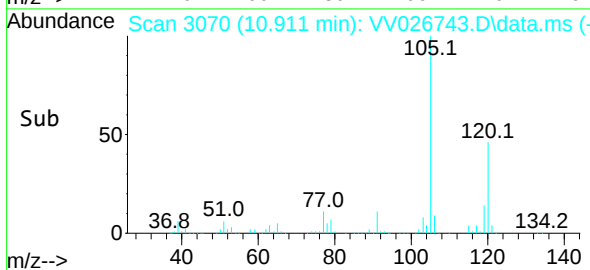
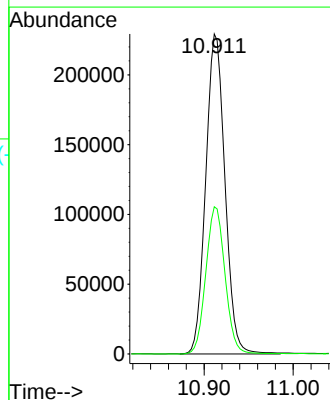
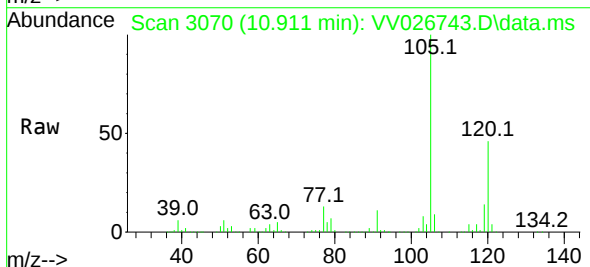
Instrument :
 MSVOA_V
 ClientSampleId :

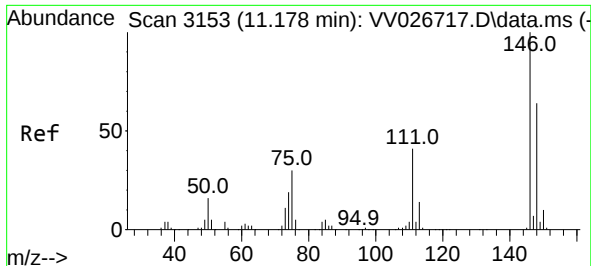
Tgt Ion:105 Resp: 330820
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.388 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV026743.D
 Acq: 13 Jul 2022 10:49

Tgt Ion:105 Resp: 342852
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.8 55.2

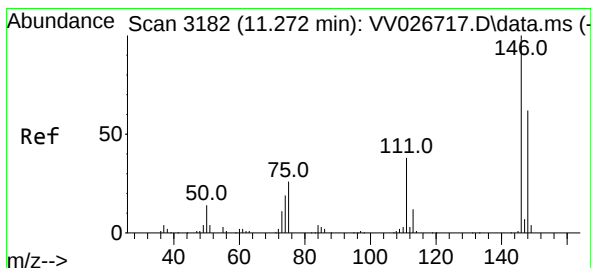
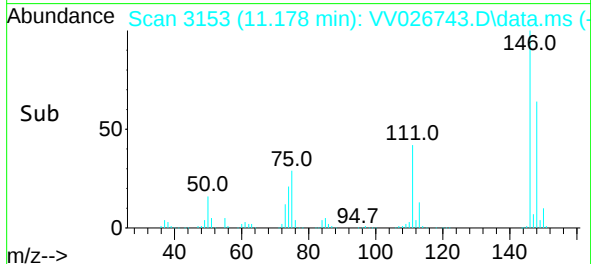
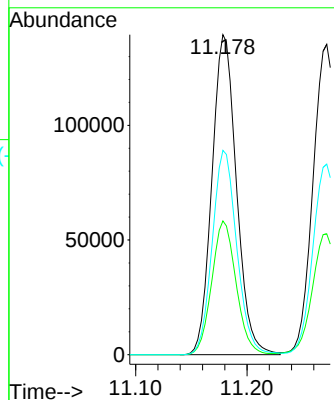
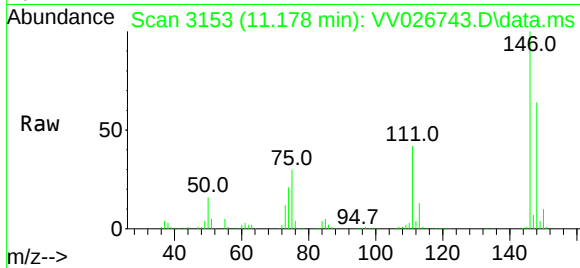




#64
1,3-Dichlorobenzene
Concen: 5.532 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

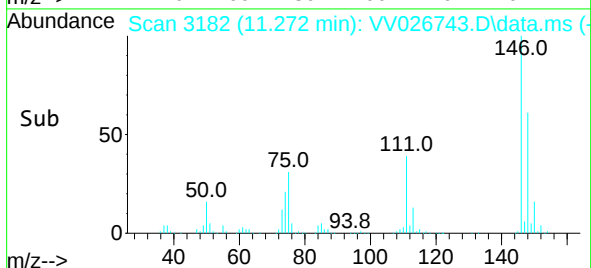
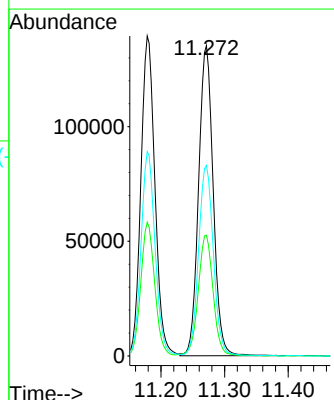
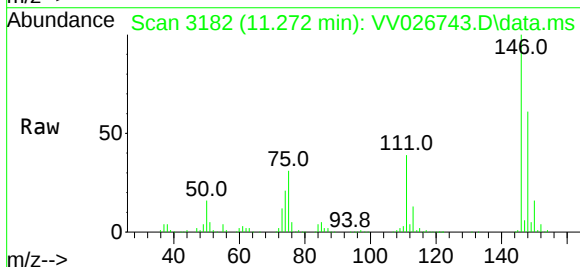
Instrument :
MSVOA_V
ClientSampleId :

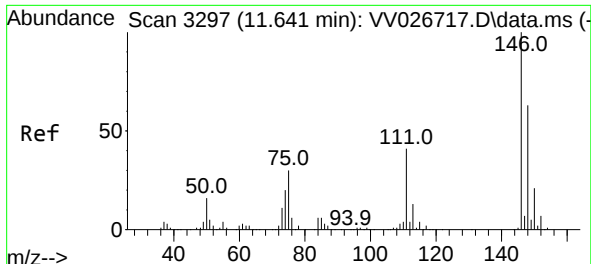
Tgt Ion:146 Resp: 213454
Ion Ratio Lower Upper
146 100
111 41.8 27.9 51.7
148 63.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.503 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026743.D
Acq: 13 Jul 2022 10:49

Tgt Ion:146 Resp: 215912
Ion Ratio Lower Upper
146 100
111 38.9 26.8 49.8
148 61.4 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.430 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

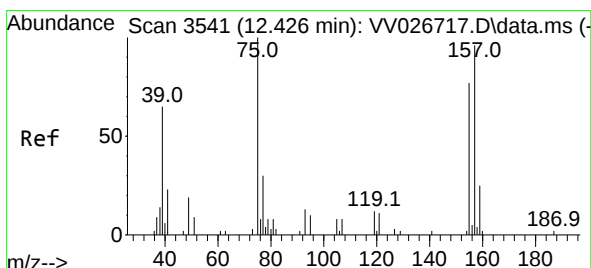
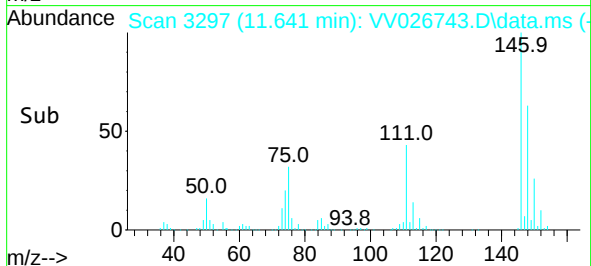
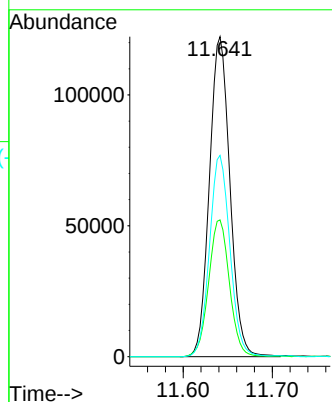
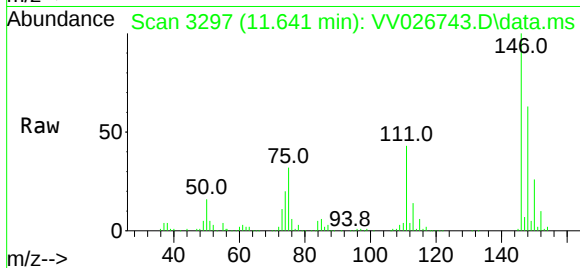
Tgt Ion:146 Resp: 195665

Ion Ratio Lower Upper

146 100

111 42.7 34.6 52.0

148 62.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.828 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

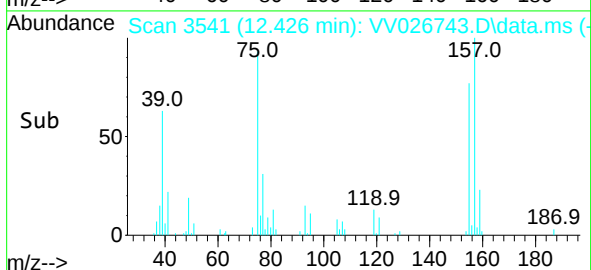
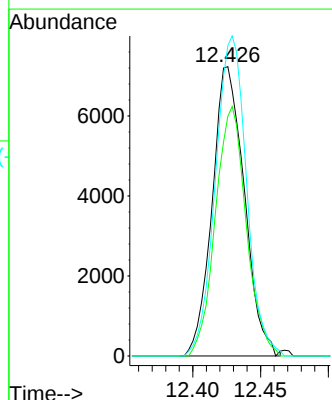
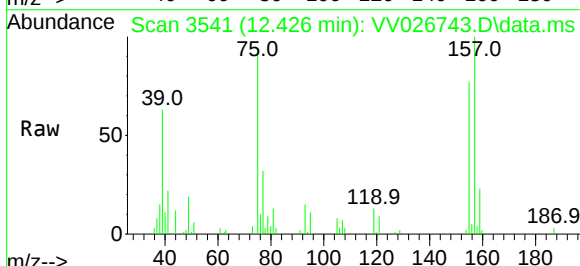
Tgt Ion: 75 Resp: 11918

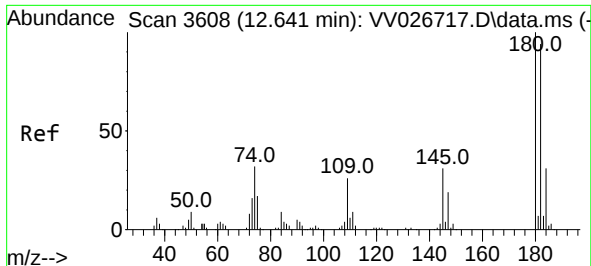
Ion Ratio Lower Upper

75 100

155 82.9 60.3 90.5

157 107.4 78.2 117.4





#69

1,3,5-Trichlorobenzene

Concen: 5.368 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

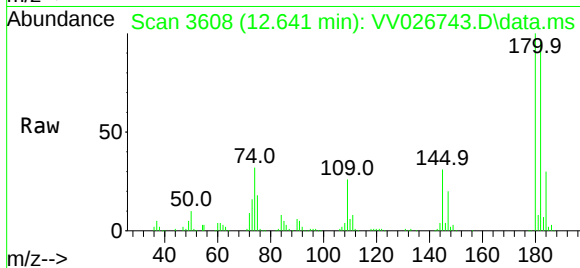
Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 146406

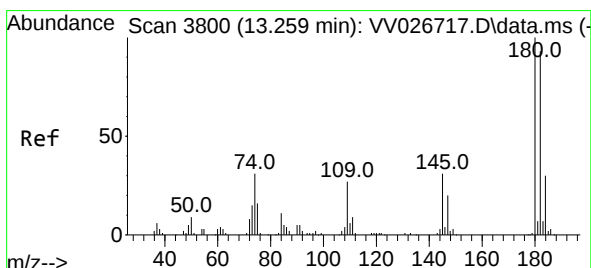
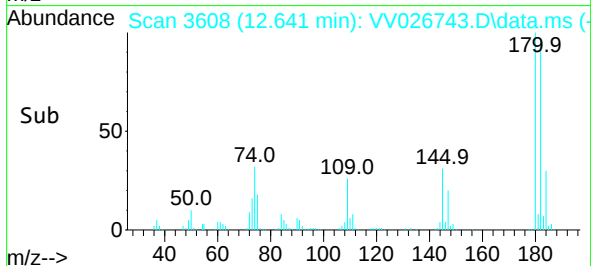
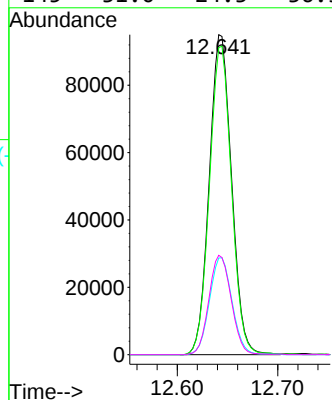
Ion Ratio Lower Upper

180 100

182 95.6 74.0 111.0

184 30.8 23.1 34.7

145 31.0 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 5.240 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

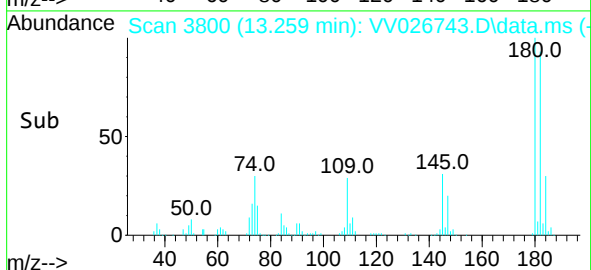
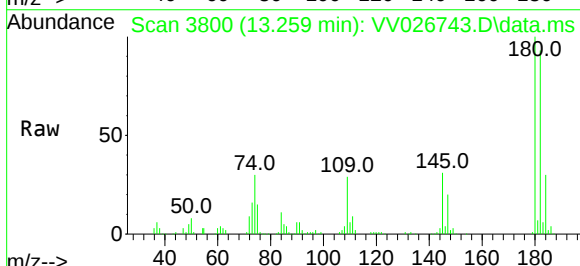
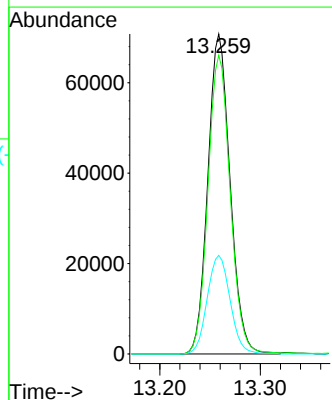
Tgt Ion:180 Resp: 108688

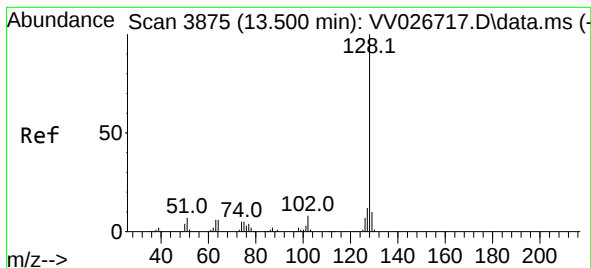
Ion Ratio Lower Upper

180 100

182 93.8 74.7 112.1

145 31.6 24.7 37.1





#71

Naphthalene

Concen: 4.989 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

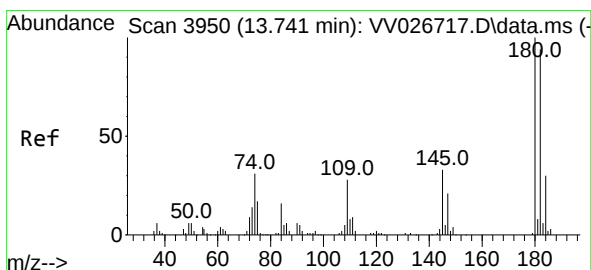
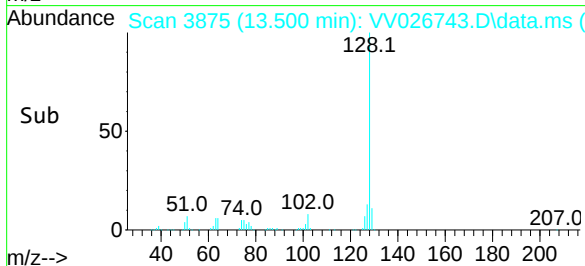
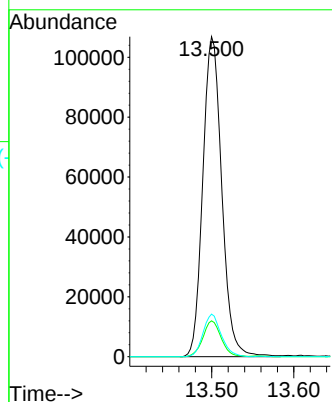
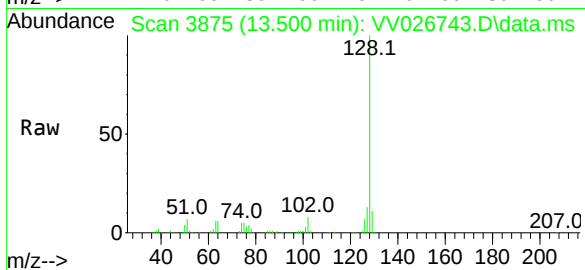
Tgt Ion:128 Resp: 171462

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 12.7 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.291 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026743.D

Acq: 13 Jul 2022 10:49

Tgt Ion:180 Resp: 102114

Ion Ratio Lower Upper

180 100

182 92.8 75.0 112.4

145 33.5 26.0 39.0

