

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024053.D
 Acq On : 17 Dec 2021 10:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:40:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	96107	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	102840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	26268	5.084	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.564	69	21654	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.108	63	56562	5.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.200%
20) 2-Butanone-d5	3.895	46	37610	37.260	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.520%
24) Chloroform-d	4.346	84	62296	5.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.030	65	28638	5.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.047	84	110946	5.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	6.066	67	31633	5.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.313	98	115189	6.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.600%
43) trans-1,3-Dichloroprop...	7.622	79	12779	5.013	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.088	63	45717	40.058	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22557	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	42918	5.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42677	5.102	ug/L	99
3) Chloromethane	1.240	50	36398	5.093	ug/L	98
5) Vinyl chloride	1.310	62	40504	5.225	ug/L	100
6) Bromomethane	1.519	94	25779	5.233	ug/L	98
8) Chloroethane	1.584	64	25429	5.041	ug/L	91
9) Trichlorofluoromethane	1.751	101	74298	5.516	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	37647	5.306	ug/L	97
12) 1,1-Dichloroethene	2.117	96	34223	5.308	ug/L	94
13) Acetone	2.188	43	39594	49.029	ug/L	74
14) Carbon disulfide	2.291	76	88776	4.747	ug/L	100
15) Methyl Acetate	2.436	43	13373	6.832	ug/L	91
16) Methylene chloride	2.503	84	41989	4.978	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	75035	5.146	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	37286	5.224	ug/L	95
19) 1,1-Dichloroethane	3.188	63	68005	5.309	ug/L	100
21) 2-Butanone	3.976	43	52304	45.330	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	39242	5.194	ug/L	95
23) Bromochloromethane	4.249	128	18903	5.506	ug/L	86
25) Chloroform	4.375	83	76955	5.404	ug/L	97

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:40:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

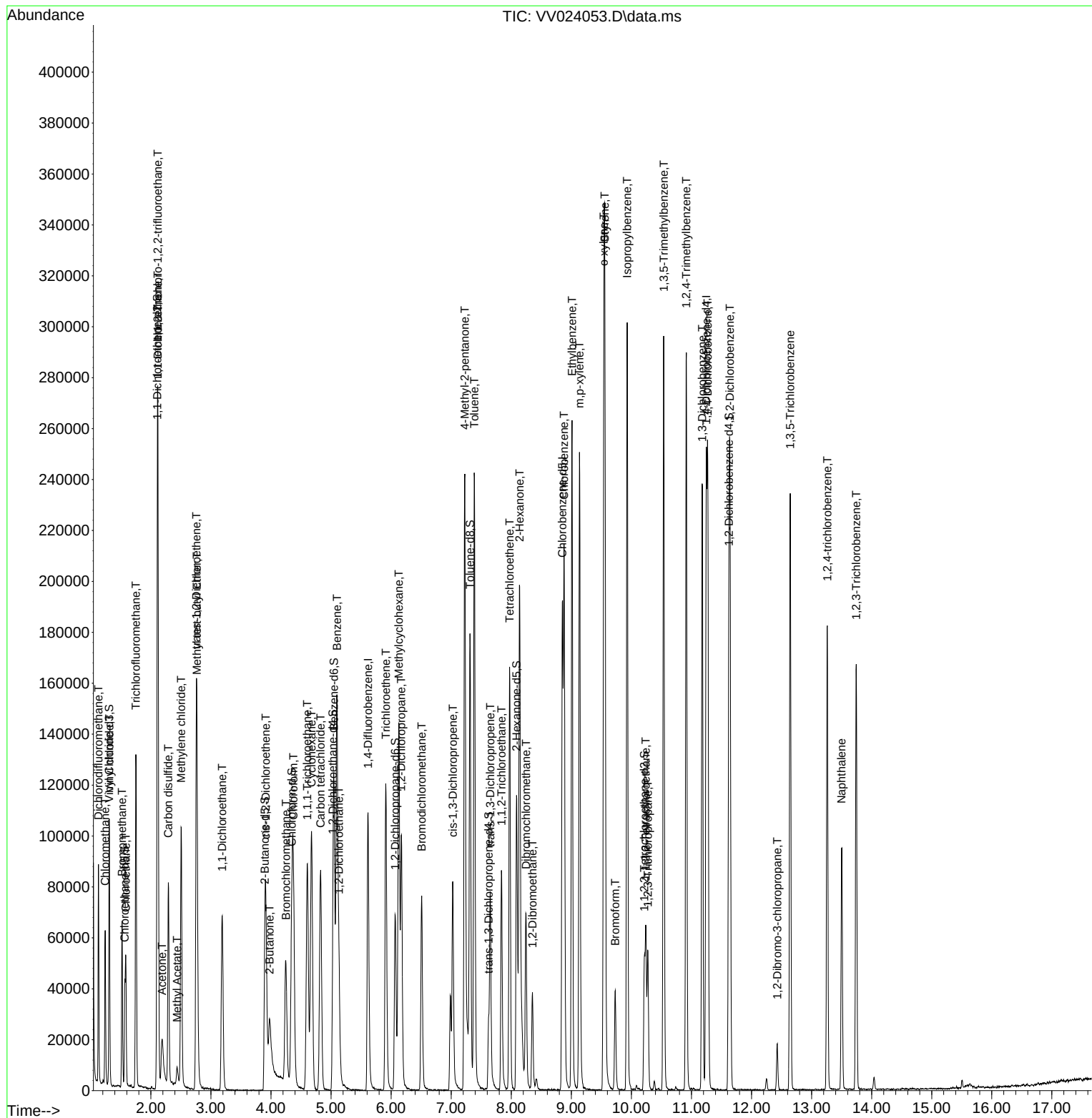
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	41117	5.329	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	73699	5.478	ug/L	99
30) Cyclohexane	4.674	56	49943	4.680	ug/L	98
31) Carbon tetrachloride	4.825	117	65014	5.140	ug/L	99
33) Benzene	5.098	78	152317	5.235	ug/L	100
34) Trichloroethene	5.911	95	40691	4.959	ug/L	97
35) Methylcyclohexane	6.127	83	56917	4.713	ug/L	99
37) 1,2-Dichloropropane	6.169	63	35139	5.082	ug/L	99
38) Bromodichloromethane	6.510	83	50253	5.130	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	49840	4.855	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	179637	54.081	ug/L	99
42) Toluene	7.384	91	175740	5.367	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	45174	5.091	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	27440	5.364	ug/L	96
47) Tetrachloroethene	7.972	164	37686	5.217	ug/L	97
48) 2-Hexanone	8.140	43	138268	57.408	ug/L	99
49) Dibromochloromethane	8.246	129	35435	5.091	ug/L	99
50) 1,2-Dibromoethane	8.352	107	24739	5.209	ug/L	95
51) Chlorobenzene	8.879	112	113157	5.171	ug/L	98
52) Ethylbenzene	9.011	91	176141	5.099	ug/L	99
53) m,p-xylene	9.136	106	70792	5.182	ug/L	95
54) o-xylene	9.542	106	68684	5.199	ug/L	97
55) Styrene	9.558	104	120157	5.463	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	28497	5.087	ug/L	99
59) Bromoform	9.731	173	18496	4.689	ug/L	96
60) Isopropylbenzene	9.931	105	186696	5.174	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	21178	5.059	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	150396	5.025	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	152974	5.130	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	97364	5.276	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	96603	5.212	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	87445	5.172	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4582	5.011	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	75165	4.952	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	56543	4.743	ug/L	98
71) Naphthalene	13.500	128	78036	4.555	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	51006	4.846	ug/L	100

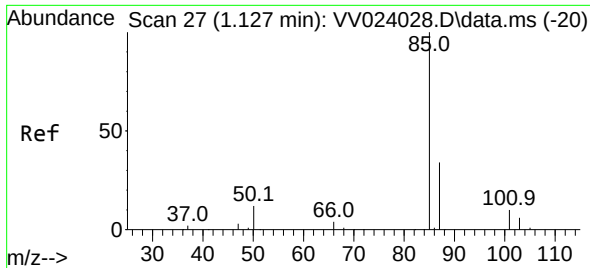
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Dec 18 01:40:04 2021
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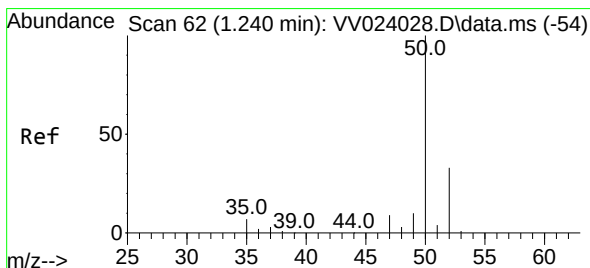
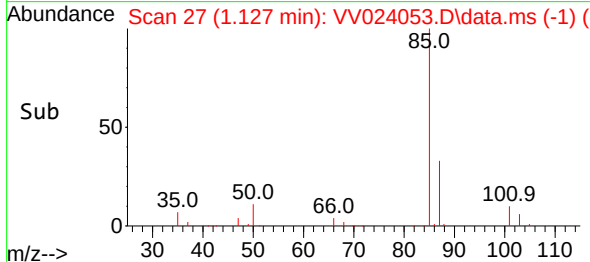
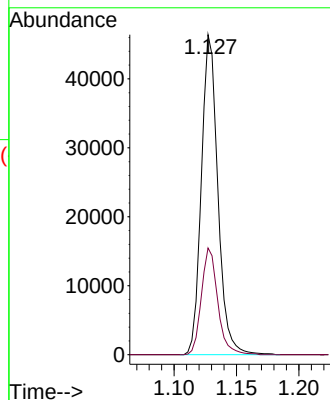
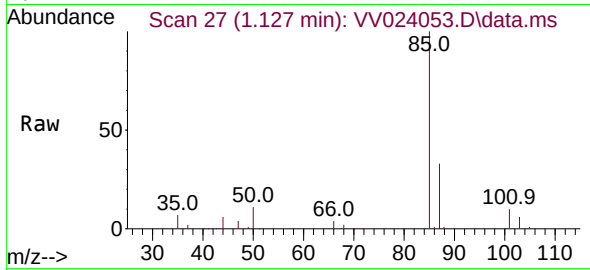




#2
 Dichlorodifluoromethane
 Concen: 5.102 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024053.D
 Acq: 17 Dec 2021 10:16

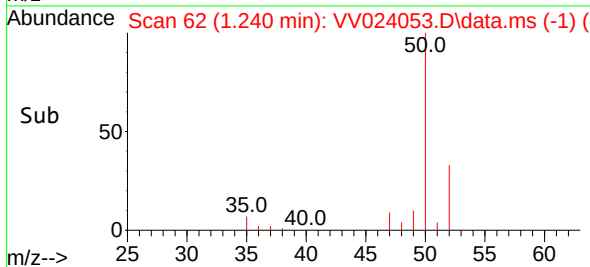
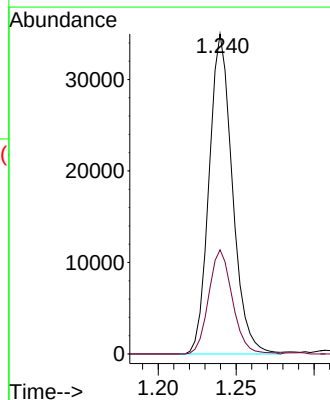
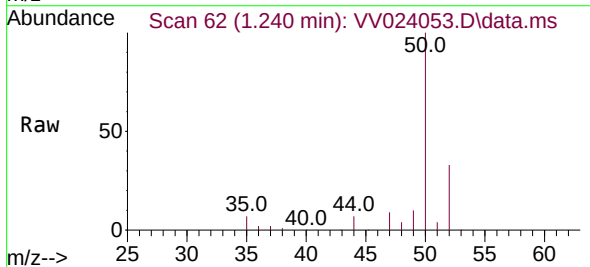
Instrument :
 MSVOA_V
 ClientSampleId :

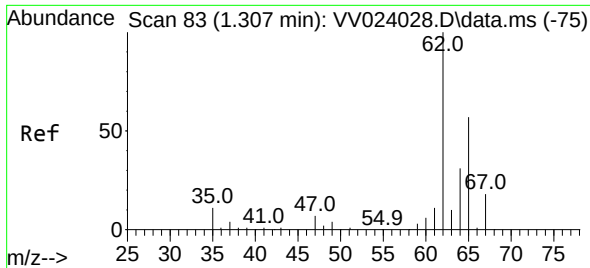
Tgt Ion: 85 Resp: 42677
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.093 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024053.D
 Acq: 17 Dec 2021 10:16

Tgt Ion: 50 Resp: 36398
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 41.0

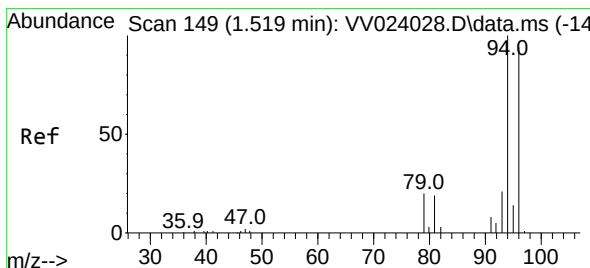
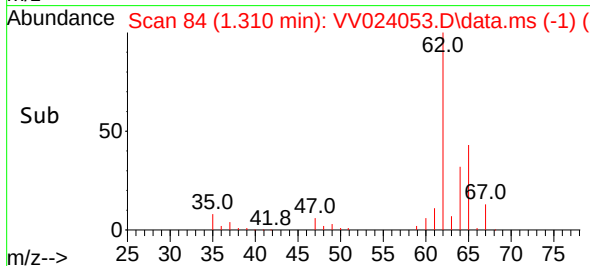
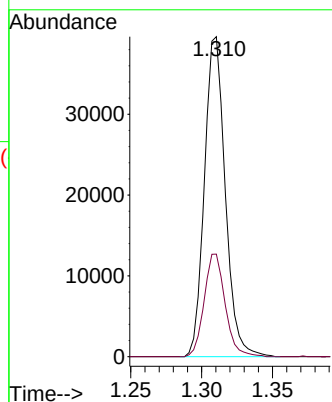
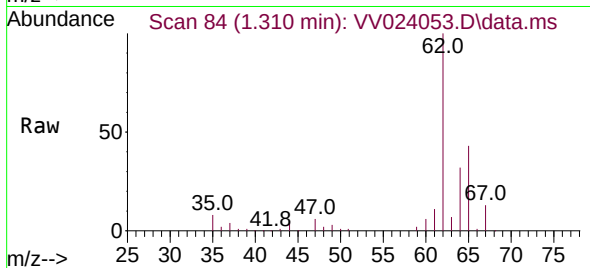




#5
 Vinyl chloride
 Concen: 5.225 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024053.D
 Acq: 17 Dec 2021 10:16

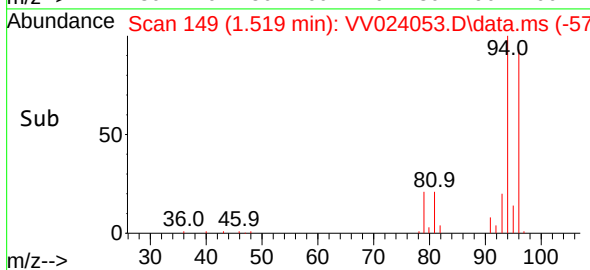
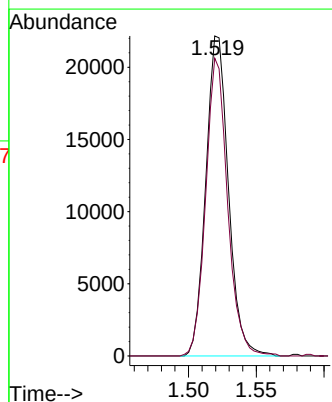
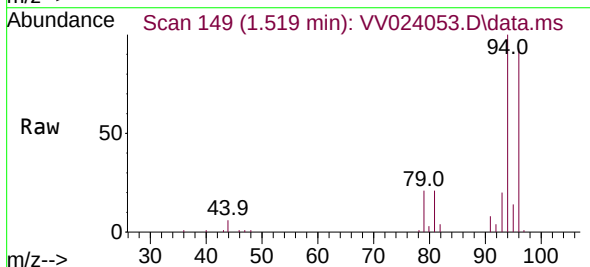
Instrument :
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 ClientSampleId :

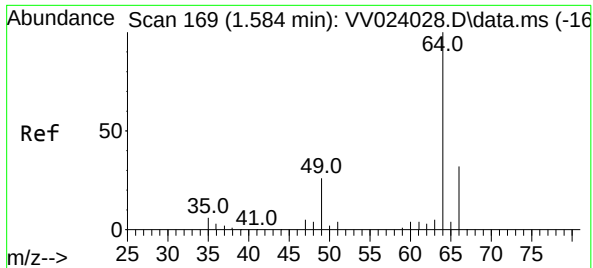
Tgt Ion: 62 Resp: 40504
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.4 41.6



#6
 Bromomethane
 Concen: 5.233 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV024053.D
 Acq: 17 Dec 2021 10:16

Tgt Ion: 94 Resp: 25779
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.2 123.0

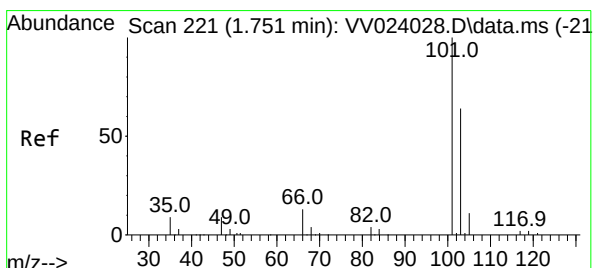
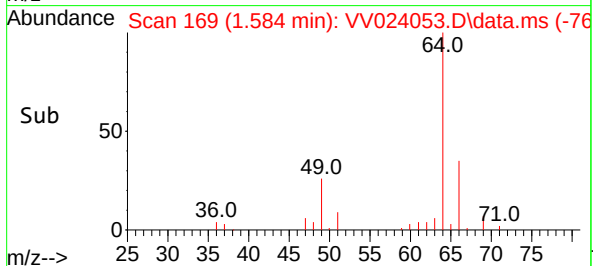
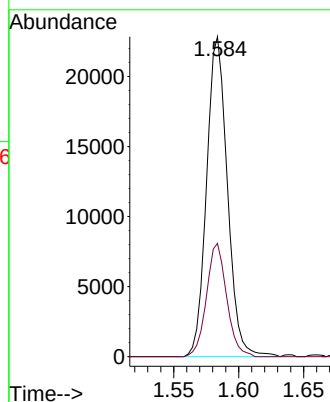
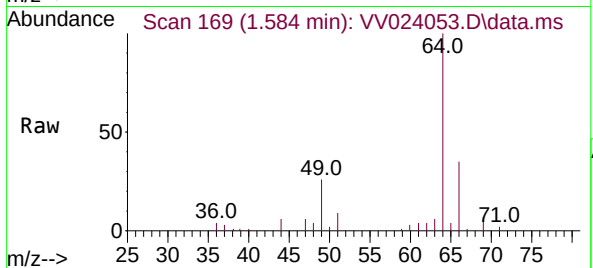




#8
Chloroethane
Concen: 5.041 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

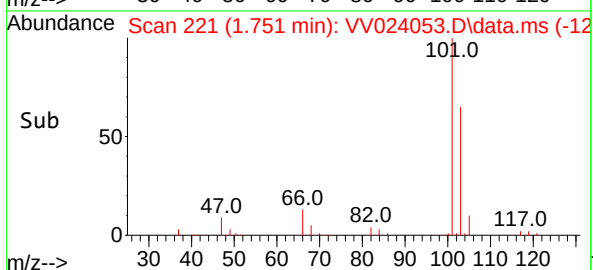
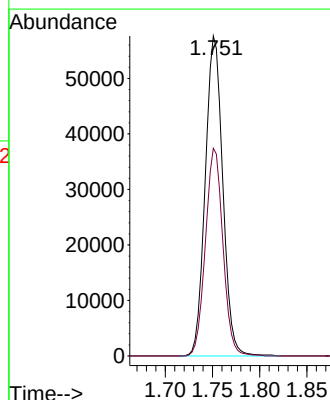
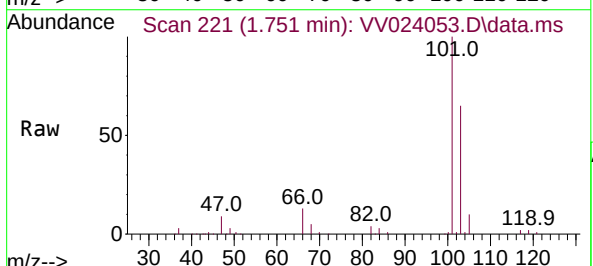
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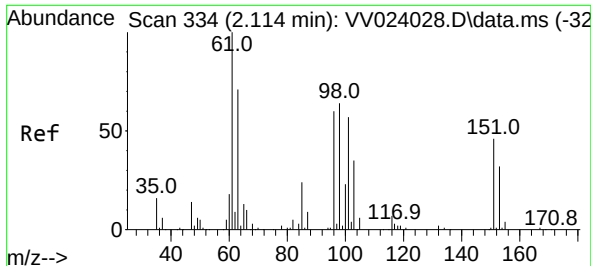
Tgt Ion: 64 Resp: 25429
Ion Ratio Lower Upper
64 100
66 35.4 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.516 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Tgt Ion:101 Resp: 74298
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

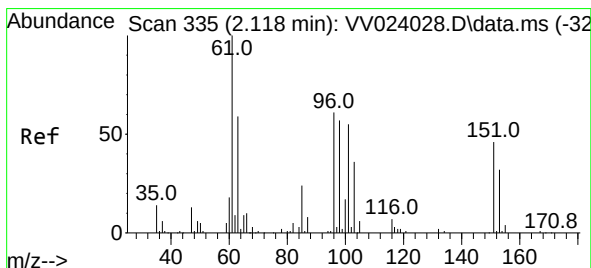
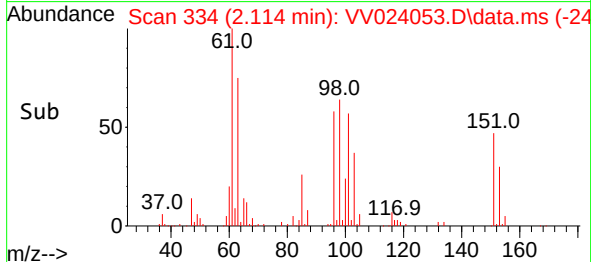
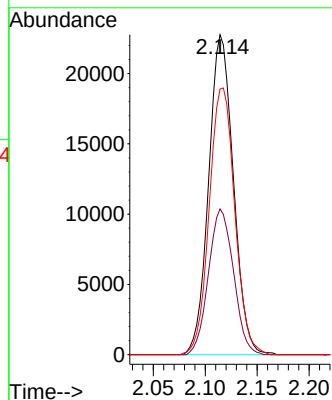
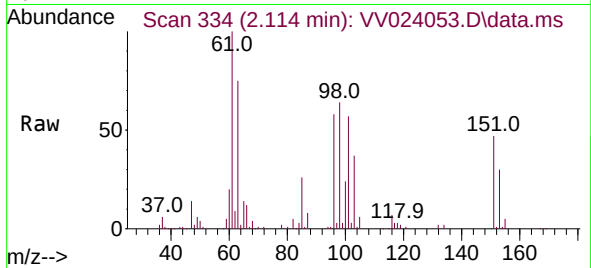




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.306 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV024053.D
 Acq: 17 Dec 2021 10:16

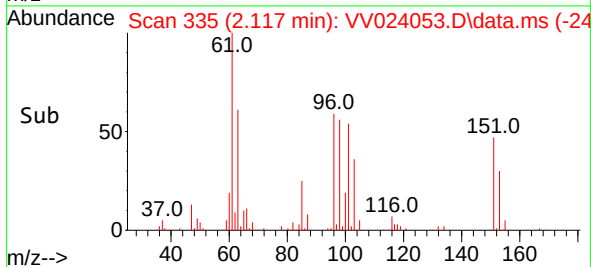
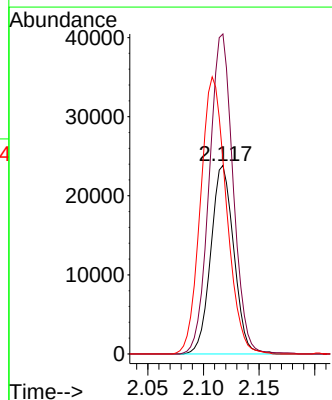
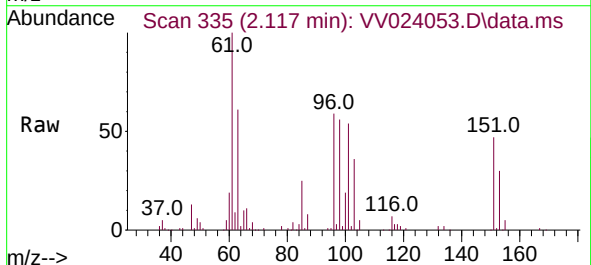
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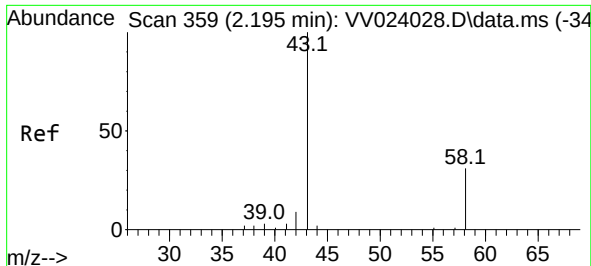
Tgt Ion:101 Resp: 37647
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.0 54.0
 151 86.1 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.308 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024053.D
 Acq: 17 Dec 2021 10:16

Tgt Ion: 96 Resp: 34223
 Ion Ratio Lower Upper
 96 100
 61 169.8 116.1 215.5
 63 103.2 79.4 147.4





#13

Acetone

Concen: 49.029 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

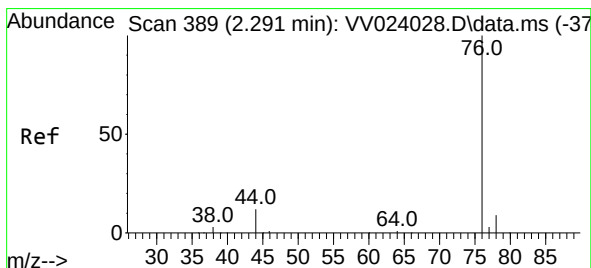
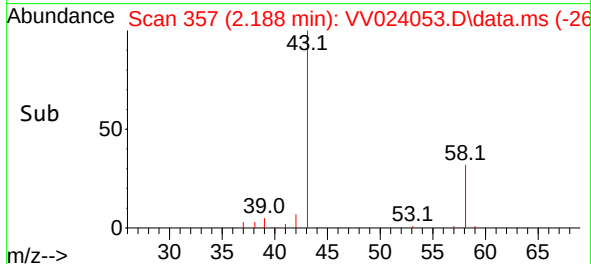
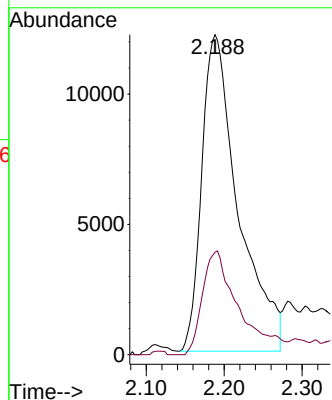
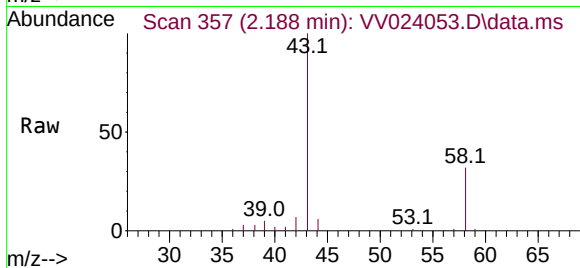
ClientSampleId :

Tgt Ion: 43 Resp: 39594

Ion Ratio Lower Upper

43 100

58 33.0 0.0 41.4



#14

Carbon disulfide

Concen: 4.747 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV024053.D

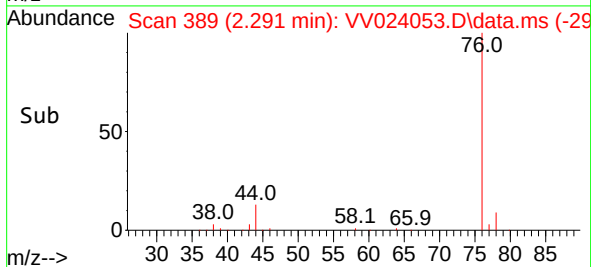
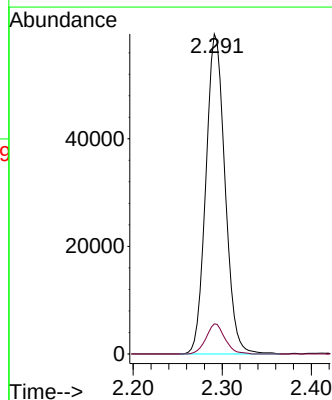
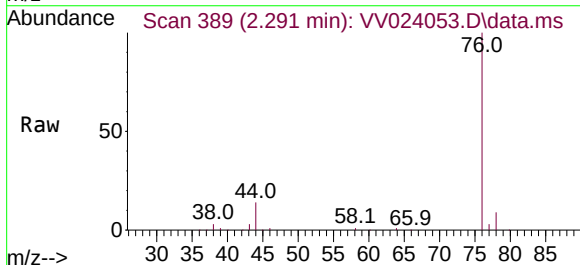
Acq: 17 Dec 2021 10:16

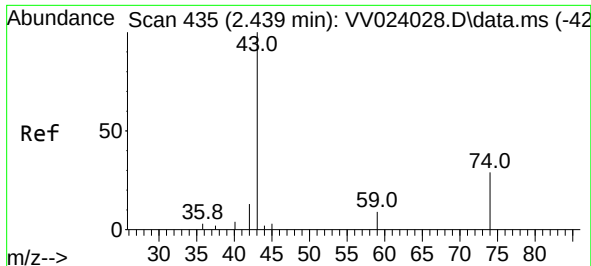
Tgt Ion: 76 Resp: 88776

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

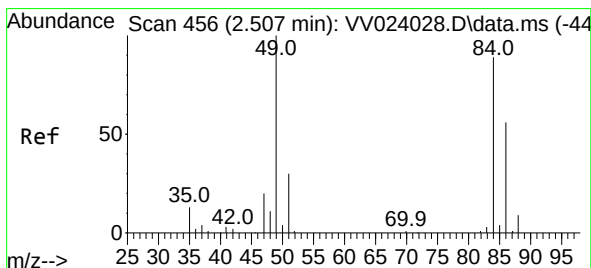
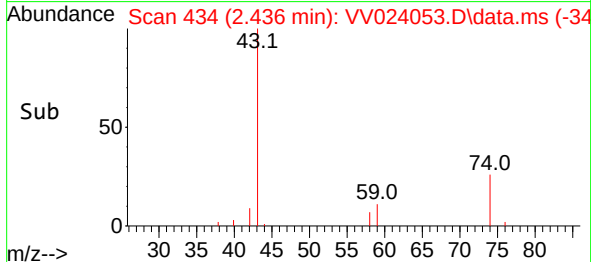
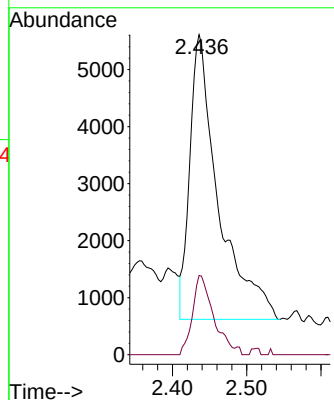
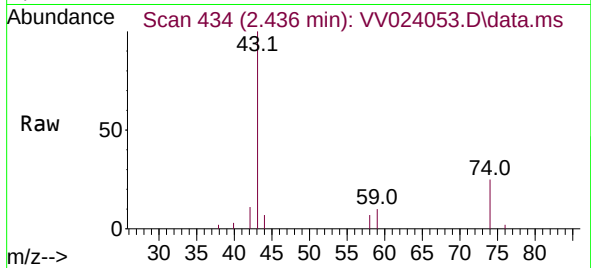




#15
Methyl Acetate
Concen: 6.832 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

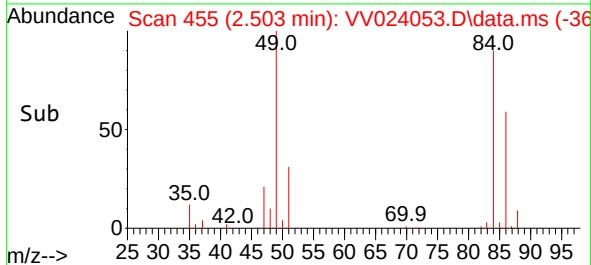
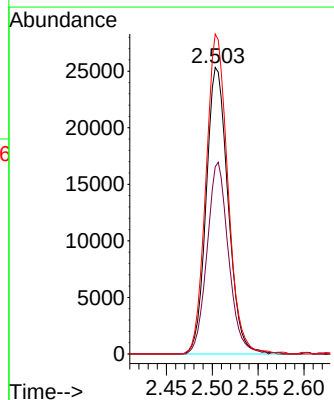
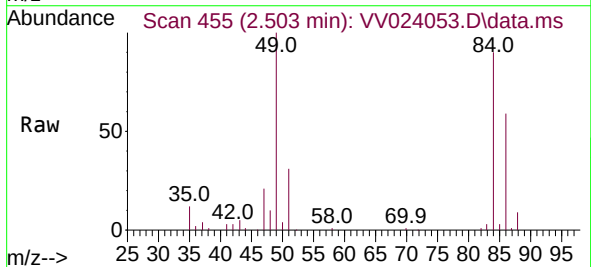
Instrument :
MSVOA_V
ClientSampleId :

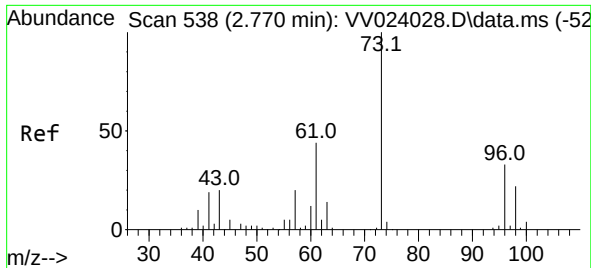
Tgt Ion: 43 Resp: 13373
Ion Ratio Lower Upper
43 100
74 20.8 20.2 30.2



#16
Methylene chloride
Concen: 4.978 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Tgt Ion: 84 Resp: 41989
Ion Ratio Lower Upper
84 100
86 65.4 42.6 79.0
49 111.7 79.7 147.9

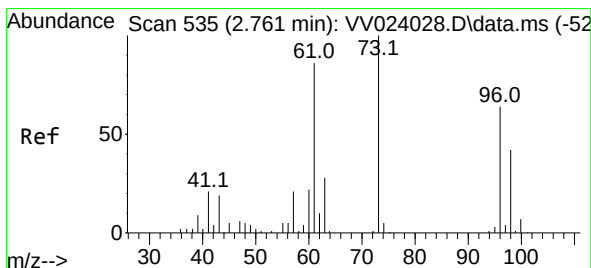
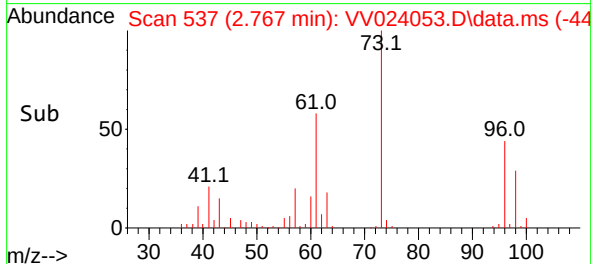
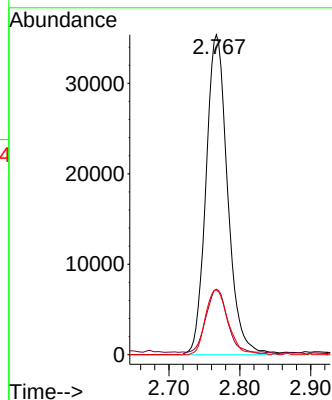
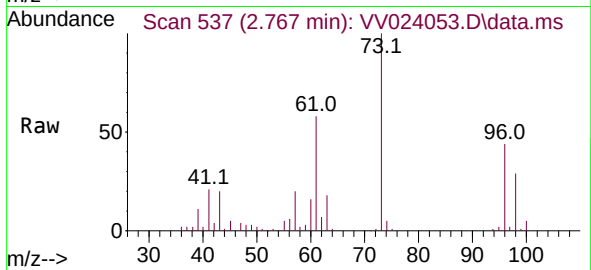




#17
Methyl tert-butyl Ether
Concen: 5.146 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

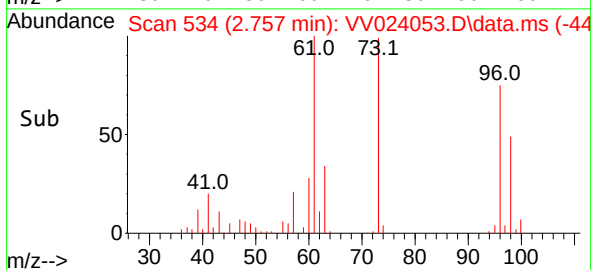
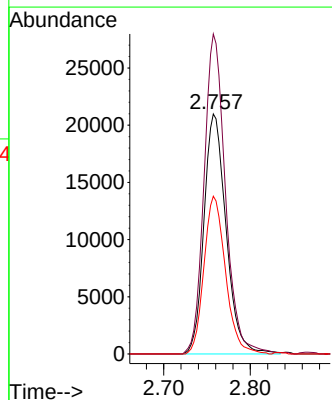
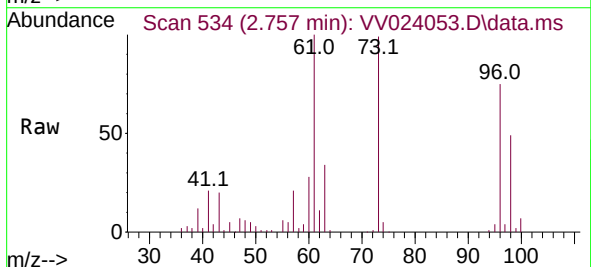
Instrument :
MSVOA_V
ClientSampleId :

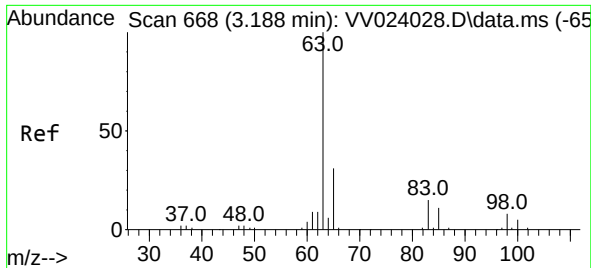
Tgt Ion: 73 Resp: 75035
Ion Ratio Lower Upper
73 100
43 19.0 15.5 23.3
57 21.0 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.224 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Tgt Ion: 96 Resp: 37286
Ion Ratio Lower Upper
96 100
61 133.3 88.2 163.8
98 65.7 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.309 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024053.D

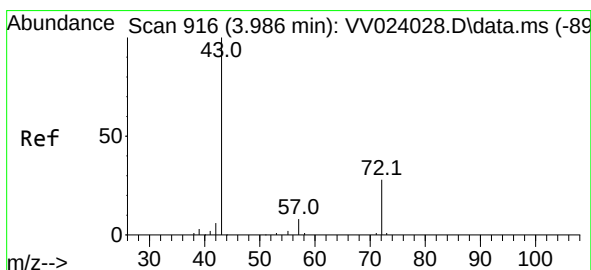
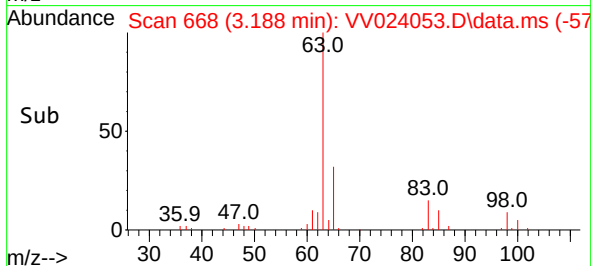
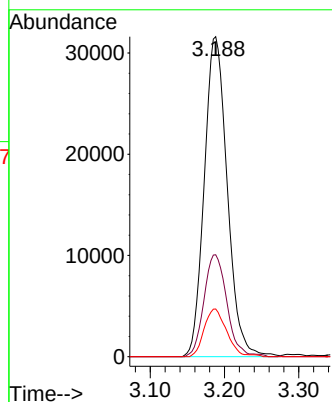
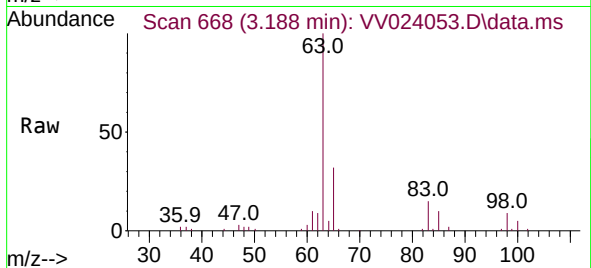
Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	68005
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.3	41.3
83	14.9	10.7	19.9



#21

2-Butanone

Concen: 45.330 ug/L

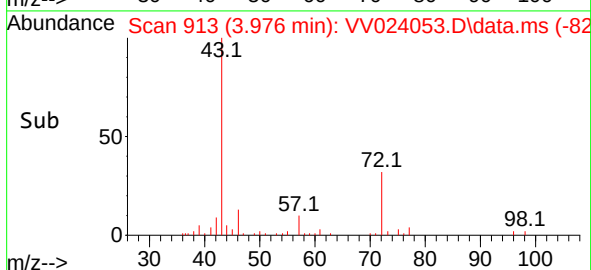
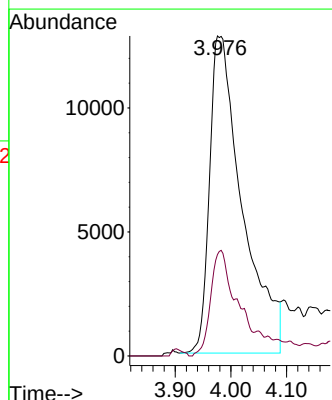
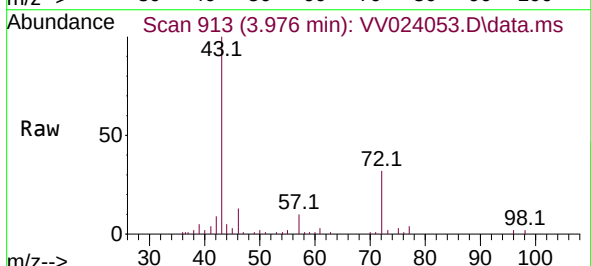
RT: 3.976 min Scan# 913

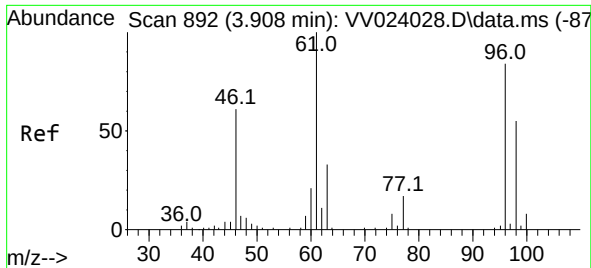
Delta R.T. -0.013 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

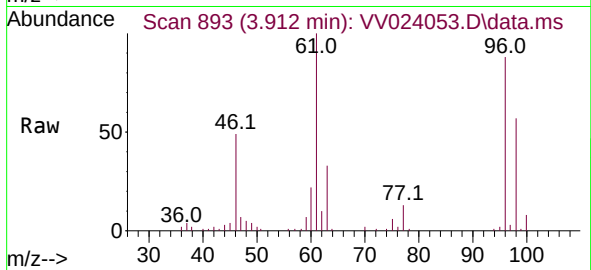
Tgt Ion:	43	Resp:	52304
Ion	Ratio	Lower	Upper
43	100		
72	25.9	11.1	33.1



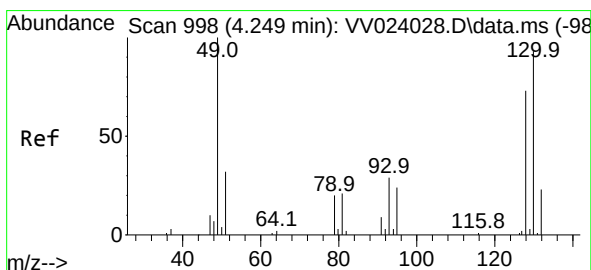
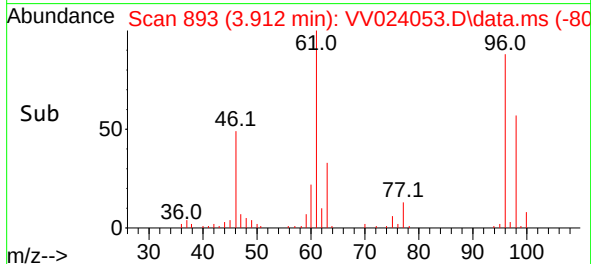
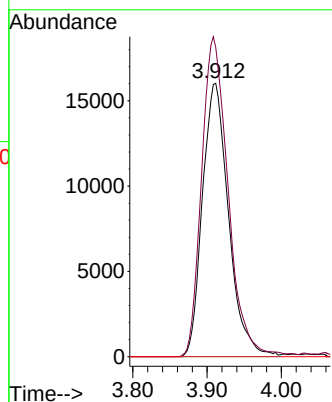


#22
 cis-1,2-Dichloroethene
 Concen: 5.194 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV024053.D
 Acq: 17 Dec 2021 10:16

Instrument :
 MSVOA_V
 ClientSampleId :

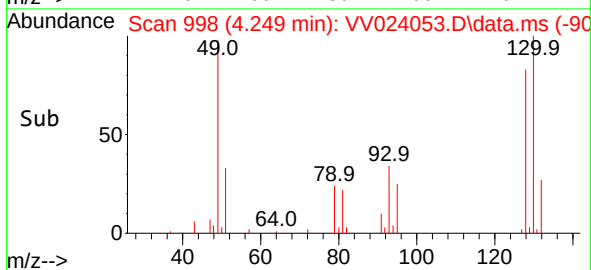
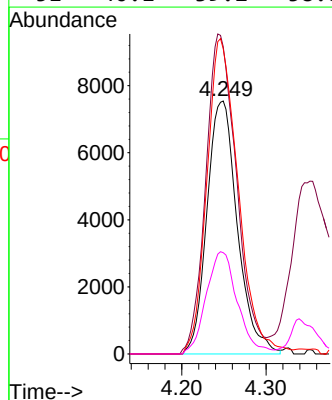
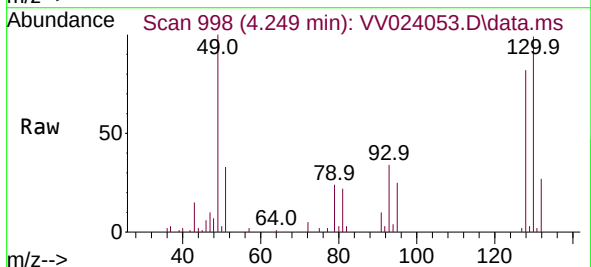


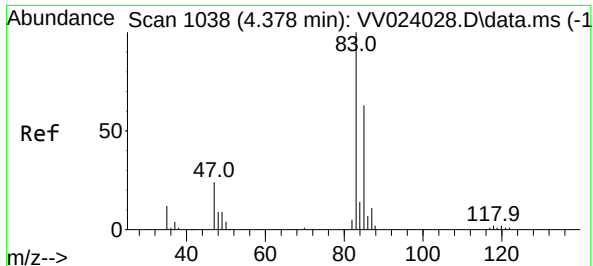
Tgt Ion: 96 Resp: 39242
 Ion Ratio Lower Upper
 96 100
 61 113.2 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.506 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV024053.D
 Acq: 17 Dec 2021 10:16

Tgt Ion: 128 Resp: 18903
 Ion Ratio Lower Upper
 128 100
 49 121.4 100.2 186.2
 130 120.6 92.5 171.7
 51 40.1 39.2 58.8





#25

Chloroform

Concen: 5.404 ug/L

RT: 4.375 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

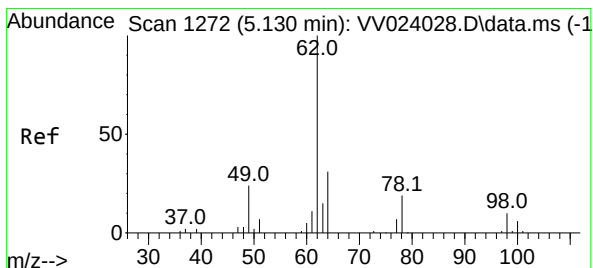
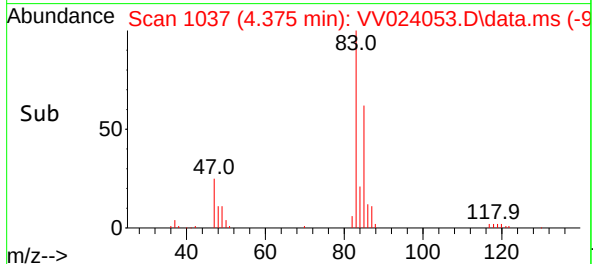
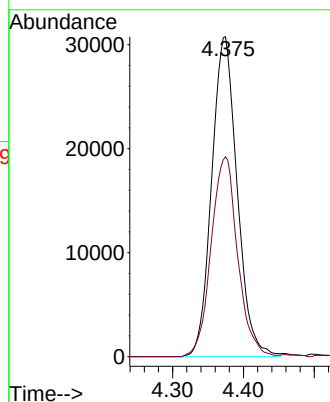
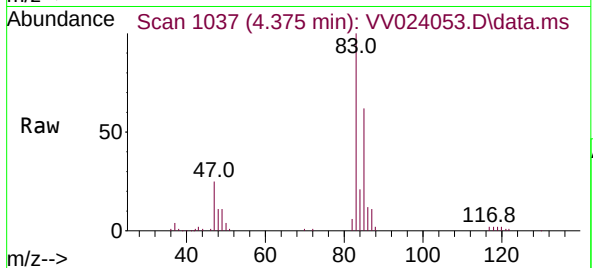
ClientSampleId :

Tgt Ion: 83 Resp: 76955

Ion Ratio Lower Upper

83 100

85 62.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.329 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV024053.D

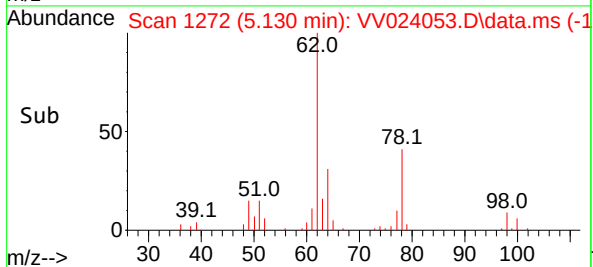
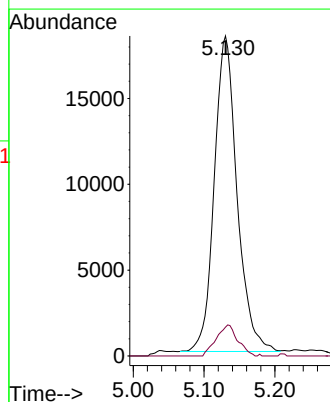
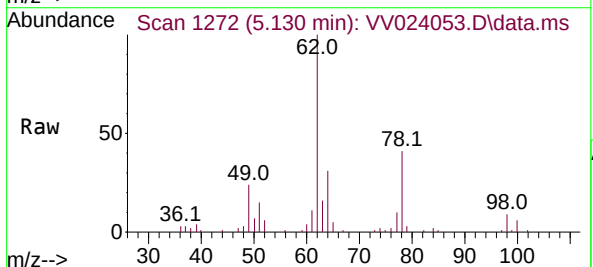
Acq: 17 Dec 2021 10:16

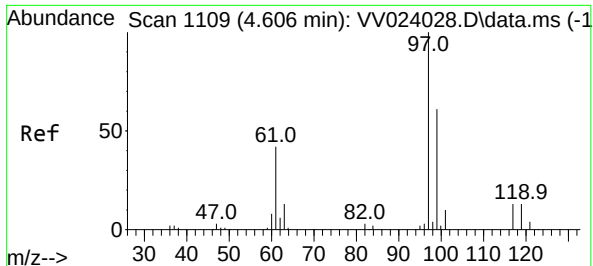
Tgt Ion: 62 Resp: 41117

Ion Ratio Lower Upper

62 100

98 9.0 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.478 ug/L

RT: 4.603 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

ClientSampleId :

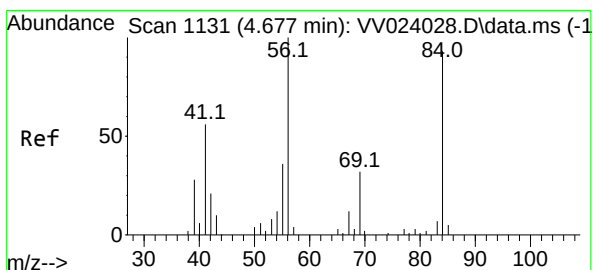
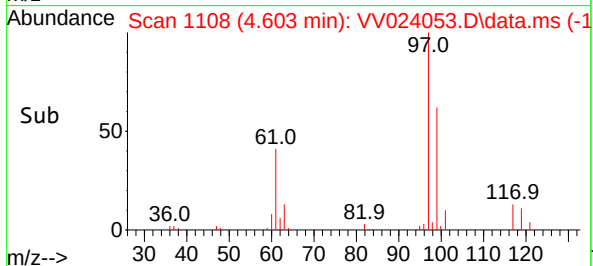
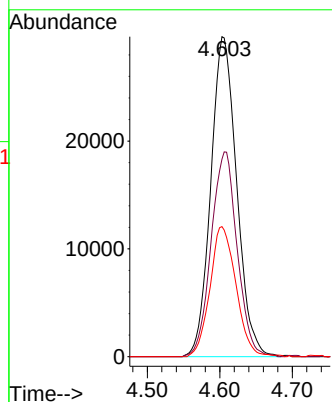
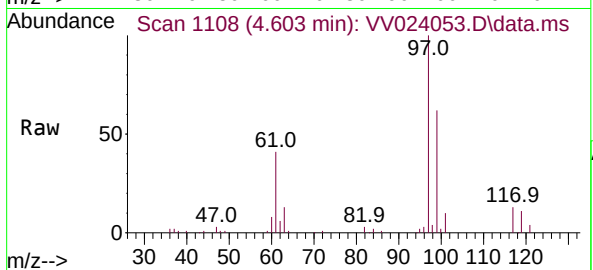
Tgt Ion: 97 Resp: 73699

Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 40.9 33.2 49.8



#30

Cyclohexane

Concen: 4.680 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

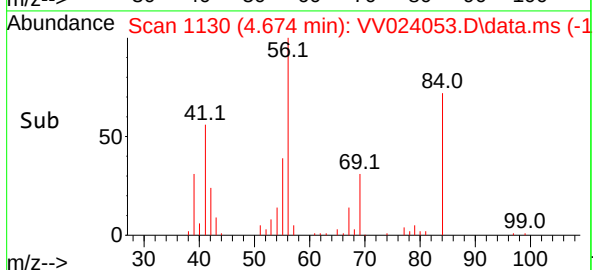
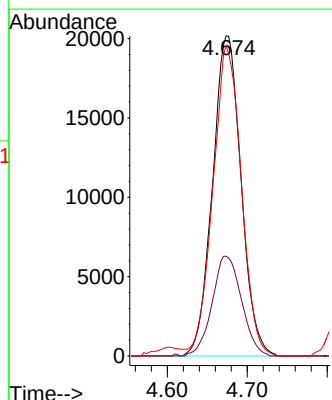
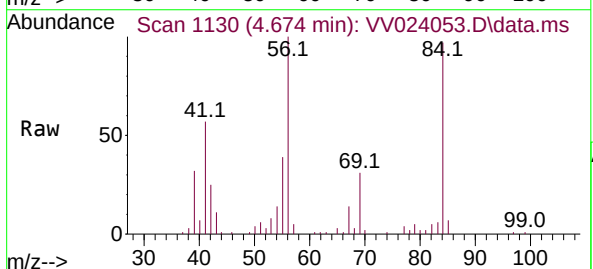
Tgt Ion: 56 Resp: 49943

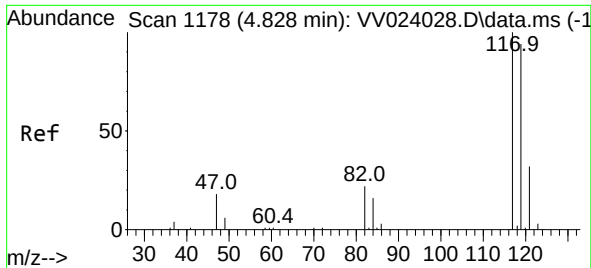
Ion Ratio Lower Upper

56 100

69 32.1 24.8 37.2

84 96.6 75.9 113.9

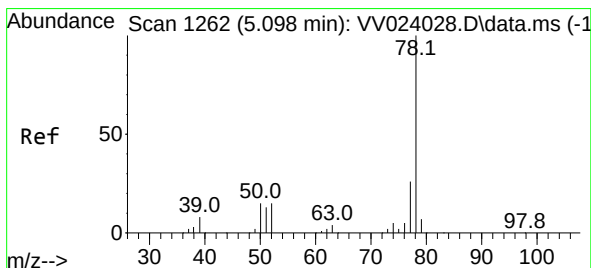
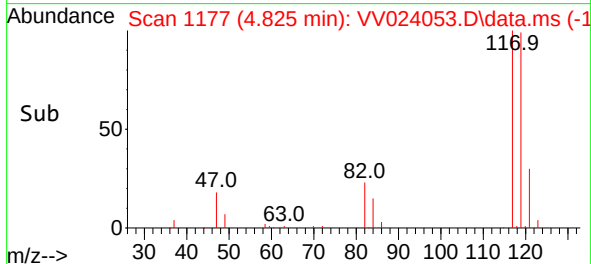
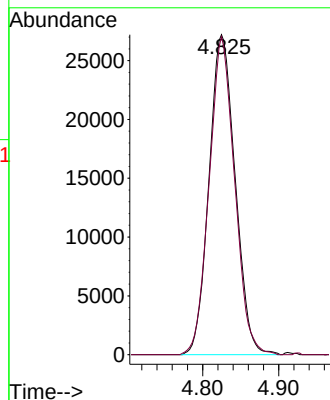
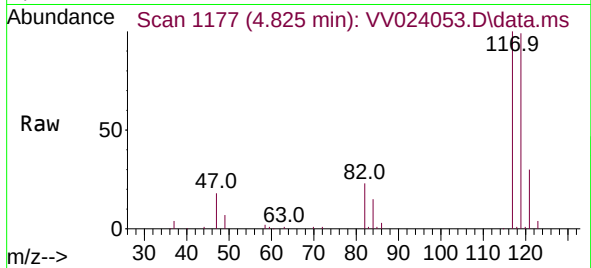




#31
Carbon tetrachloride
Concen: 5.140 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

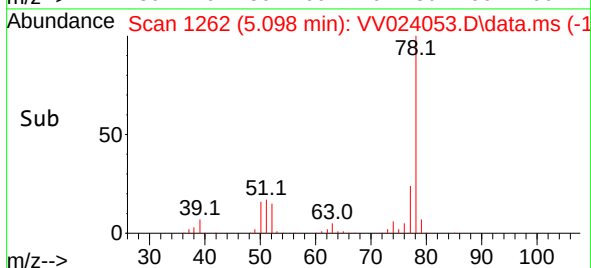
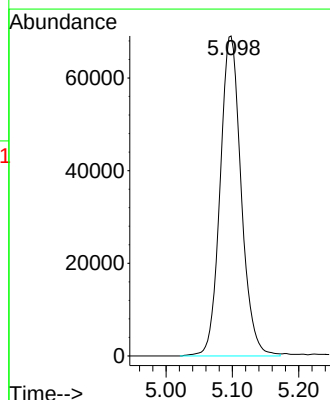
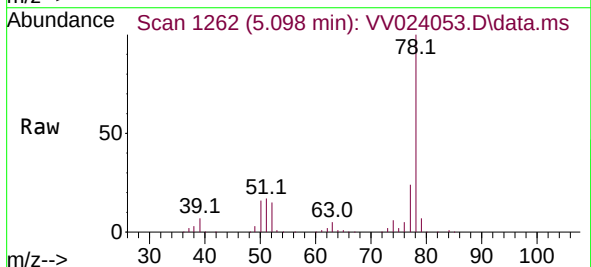
Instrument :
MSVOA_V
ClientSampleId :

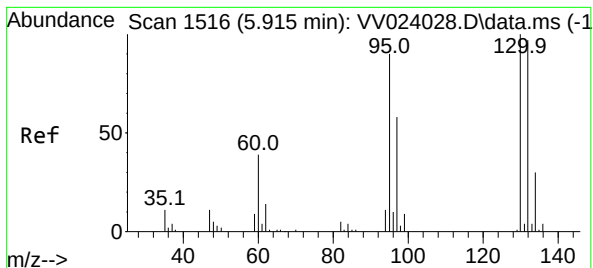
Tgt Ion:117 Resp: 65014
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8



#33
Benzene
Concen: 5.235 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Tgt Ion: 78 Resp: 152317





#34

Trichloroethene

Concen: 4.959 ug/L

RT: 5.911 min Scan# 1

Delta R.T. -0.000 min

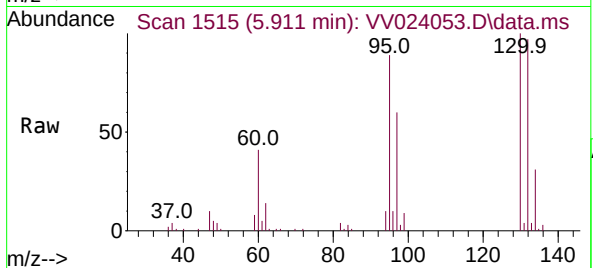
Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 40691

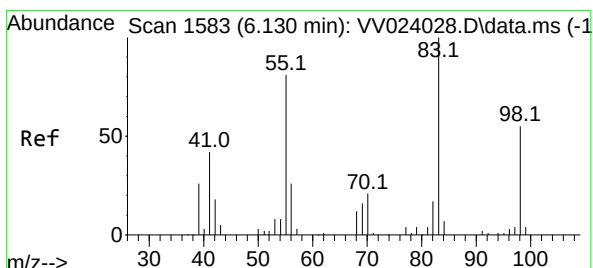
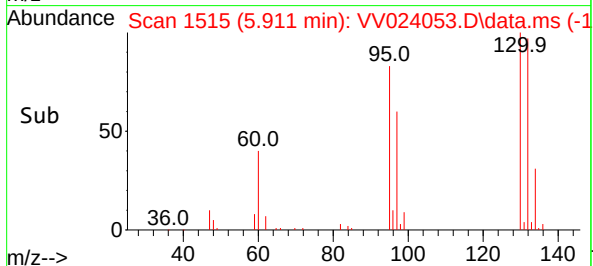
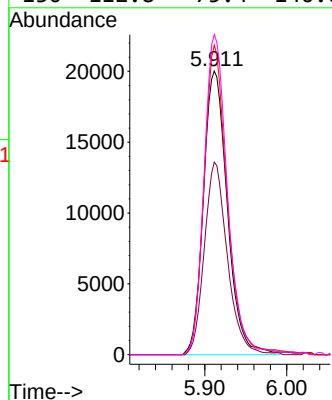
Ion Ratio Lower Upper

95 100

97 67.9 45.2 84.0

132 109.1 76.1 141.3

130 112.8 75.4 140.0



#35

Methylcyclohexane

Concen: 4.713 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

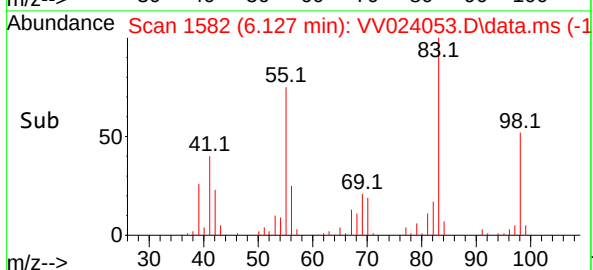
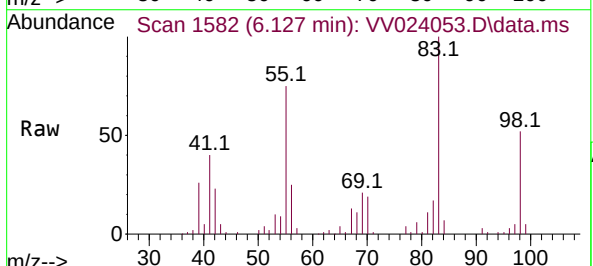
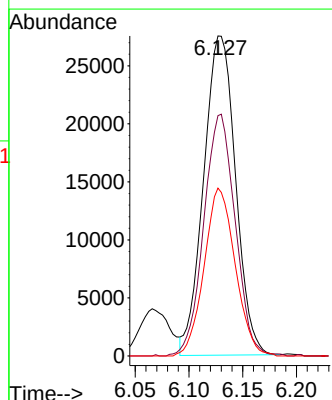
Tgt Ion: 83 Resp: 56917

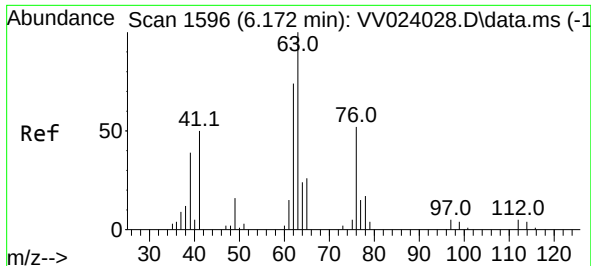
Ion Ratio Lower Upper

83 100

55 74.4 60.2 90.2

98 51.1 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.082 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

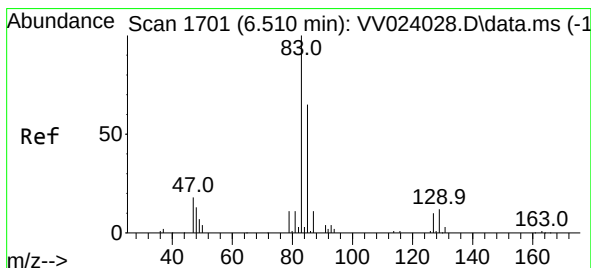
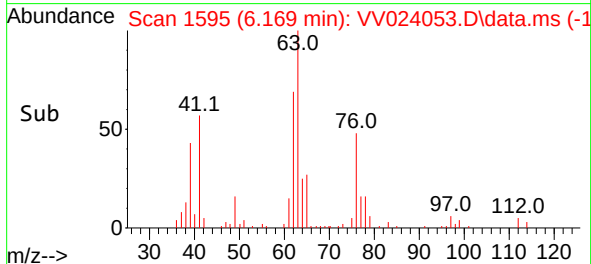
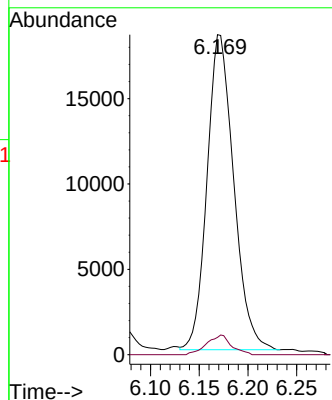
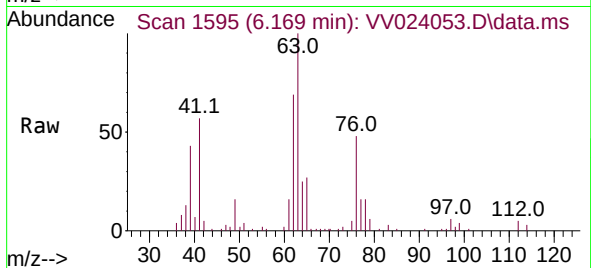
ClientSampleId :

Tgt Ion: 63 Resp: 35139

Ion Ratio Lower Upper

63 100

112 5.7 4.3 6.5



#38

Bromodichloromethane

Concen: 5.130 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

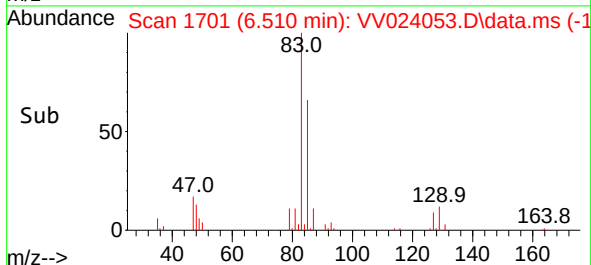
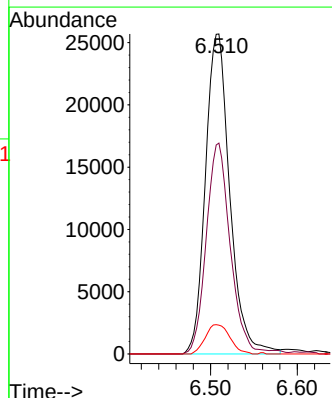
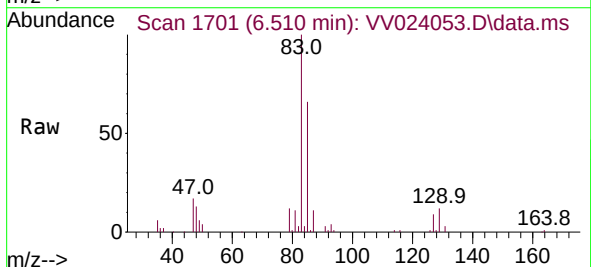
Tgt Ion: 83 Resp: 50253

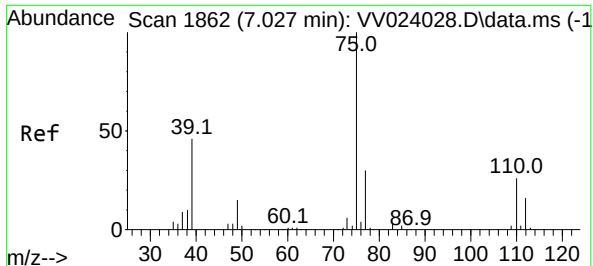
Ion Ratio Lower Upper

83 100

85 65.9 44.0 81.8

127 9.0 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.855 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

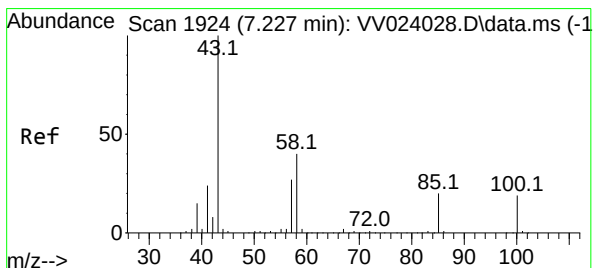
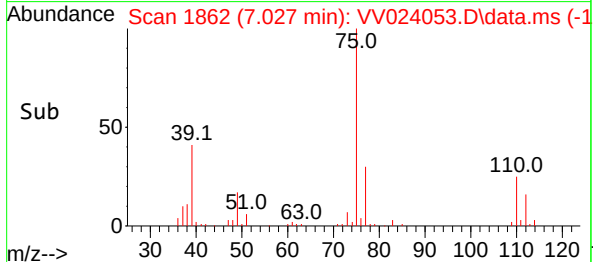
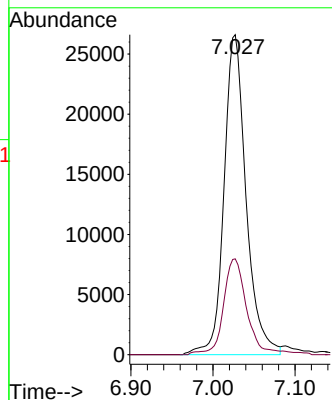
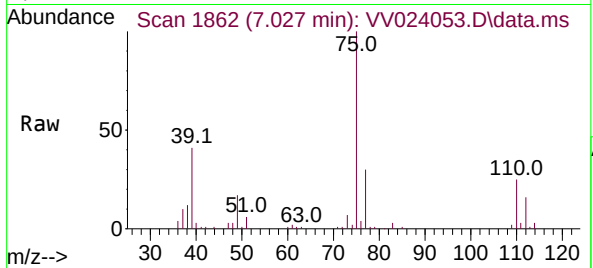
ClientSampleId :

Tgt Ion: 75 Resp: 49840

Ion Ratio Lower Upper

75 100

77 30.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 54.081 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

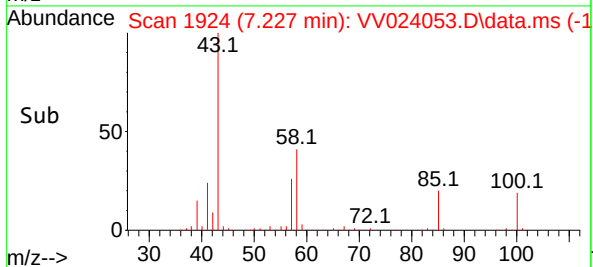
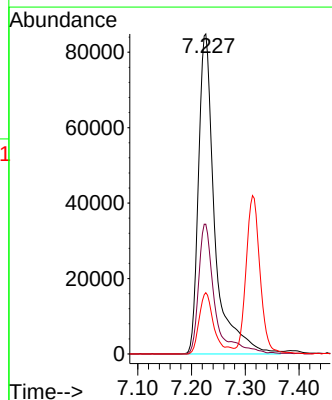
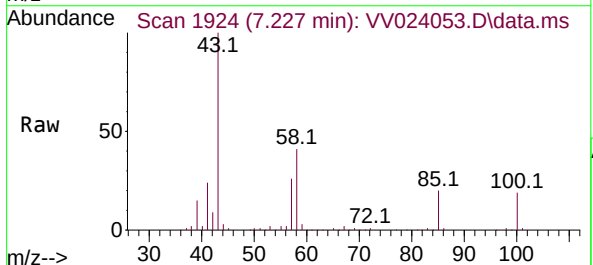
Tgt Ion: 43 Resp: 179637

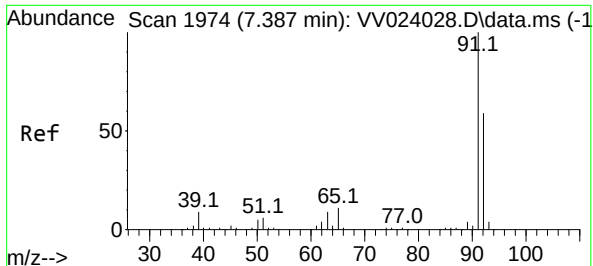
Ion Ratio Lower Upper

43 100

58 40.1 32.3 48.5

100 17.4 13.0 19.6





#42

Toluene

Concen: 5.367 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

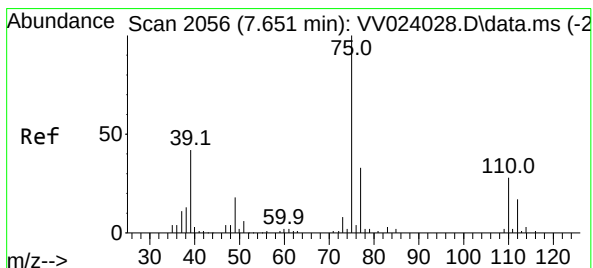
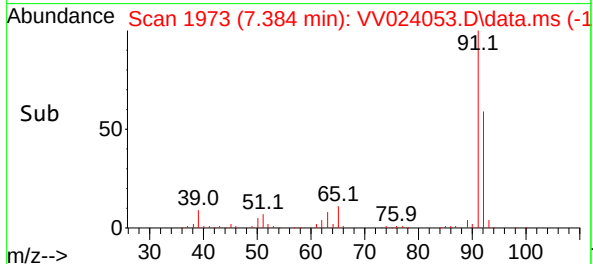
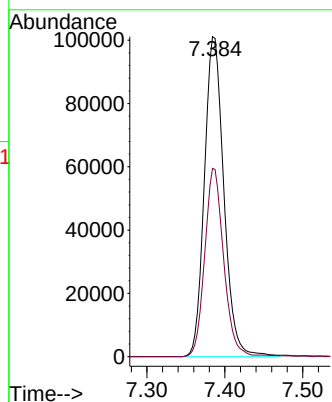
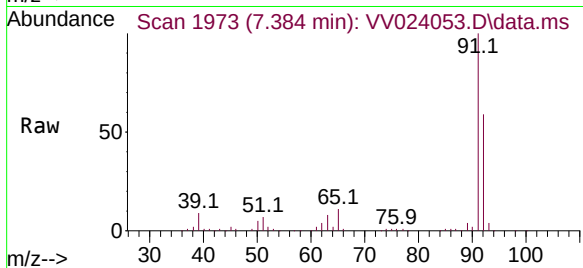
ClientSampleId :

Tgt Ion: 91 Resp: 175740

Ion Ratio Lower Upper

91 100

92 58.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.091 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV024053.D

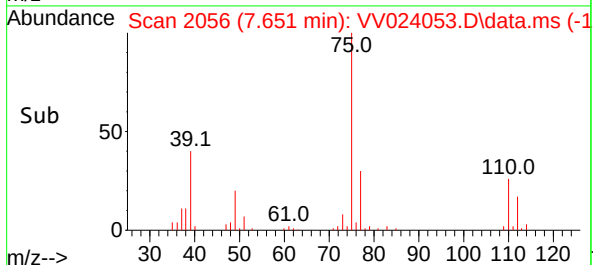
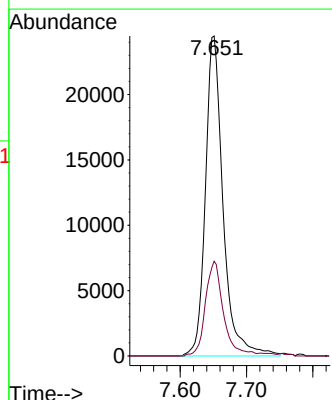
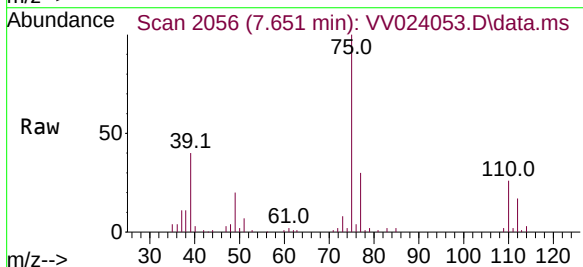
Acq: 17 Dec 2021 10:16

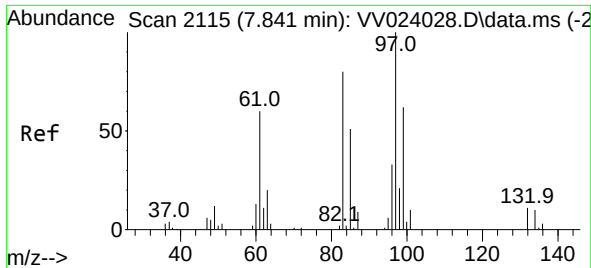
Tgt Ion: 75 Resp: 45174

Ion Ratio Lower Upper

75 100

77 29.6 21.8 40.4



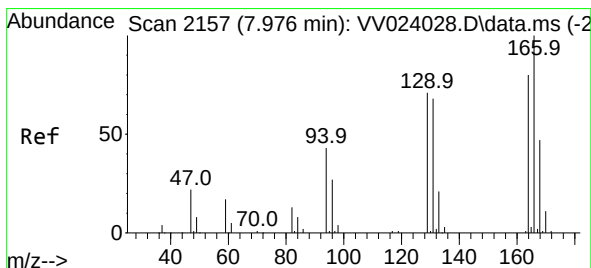
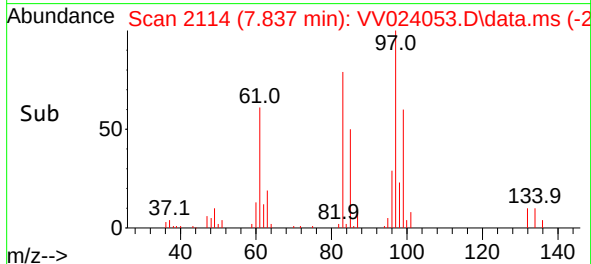
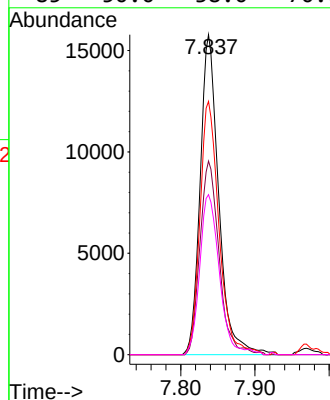
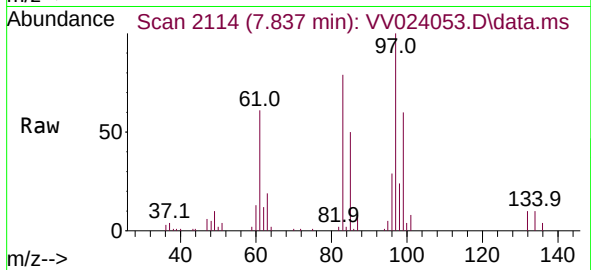


#45
1,1,2-Trichloroethane
Concen: 5.364 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 27440

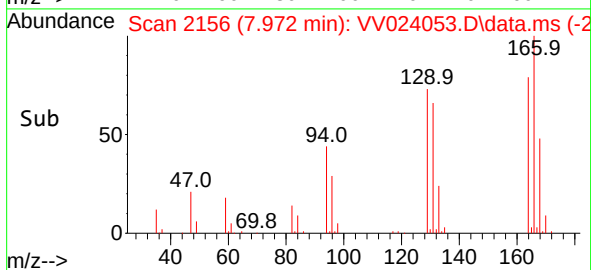
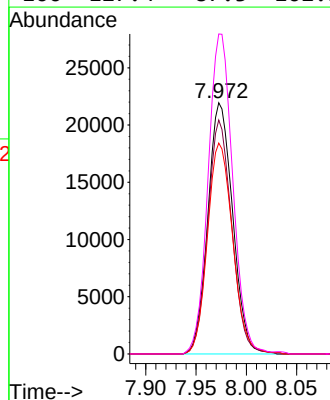
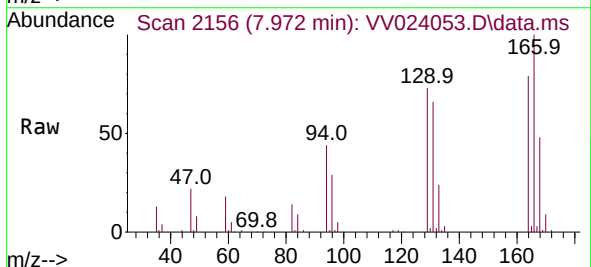
Ion	Ratio	Lower	Upper
97	100		
99	60.5	43.1	80.1
83	79.2	57.9	107.5
85	50.0	38.0	70.6

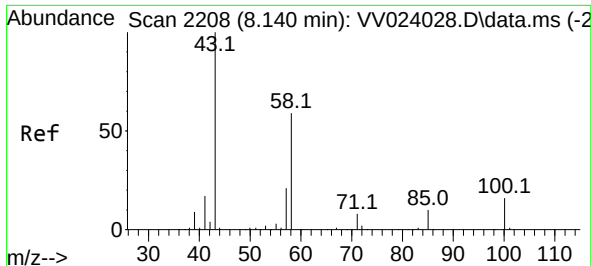


#47
Tetrachloroethene
Concen: 5.217 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Tgt Ion: 164 Resp: 37686

Ion	Ratio	Lower	Upper
164	100		
129	93.1	62.6	116.2
131	84.0	61.0	113.4
166	127.4	87.3	162.1

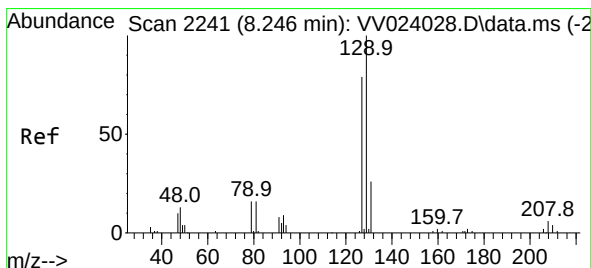
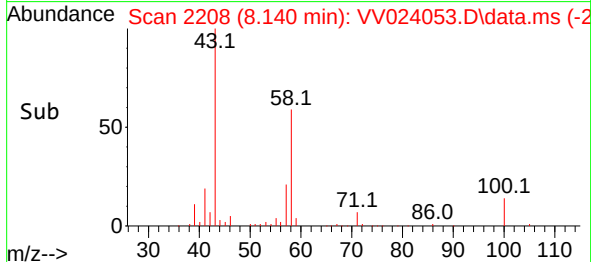
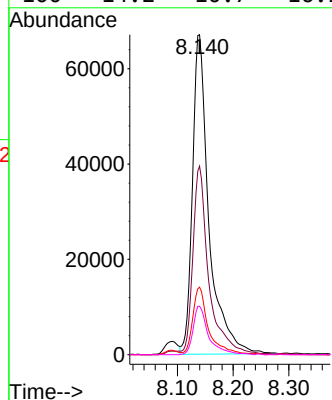
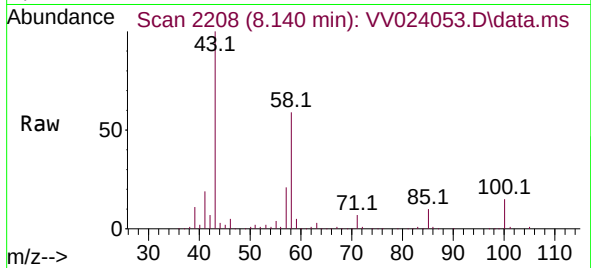




#48
2-Hexanone
Concen: 57.408 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

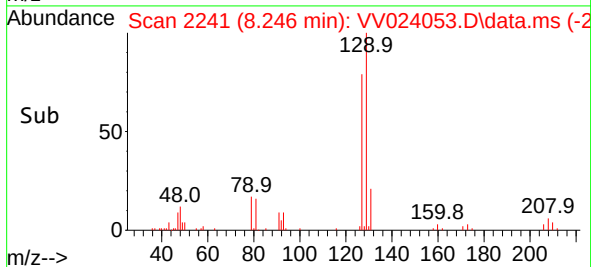
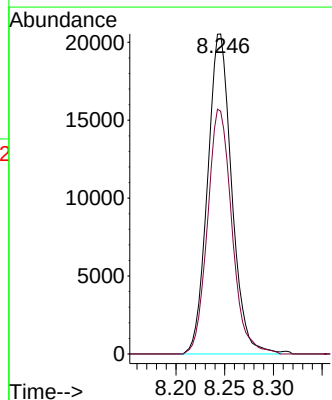
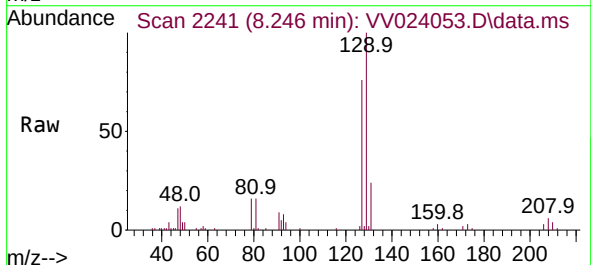
Instrument :
MSVOA_V
ClientSampleId :

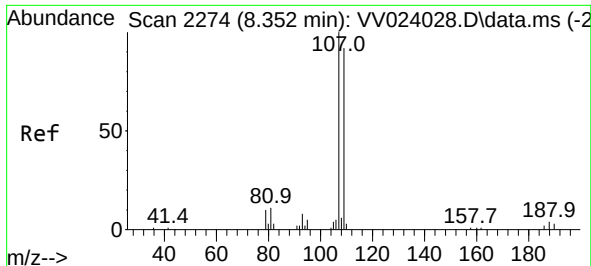
Tgt Ion: 43 Resp: 138268
Ion Ratio Lower Upper
43 100
58 55.3 44.5 66.7
57 19.5 15.1 22.7
100 14.2 10.7 16.1



#49
Dibromochloromethane
Concen: 5.091 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Tgt Ion:129 Resp: 35435
Ion Ratio Lower Upper
129 100
127 75.8 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.209 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024053.D

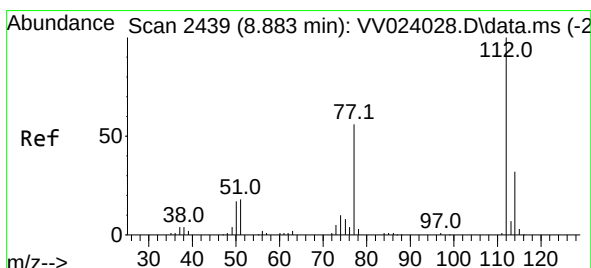
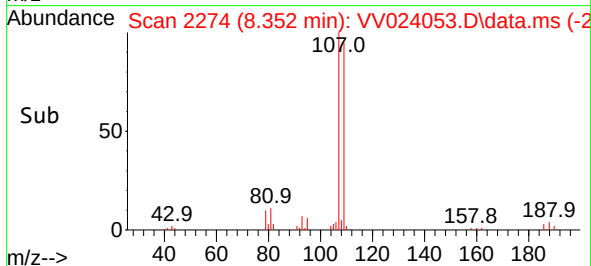
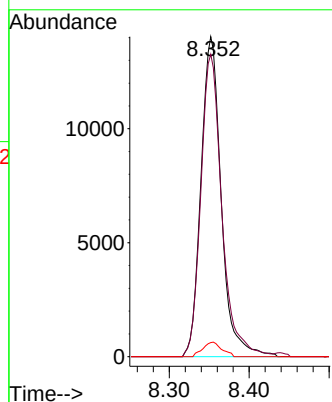
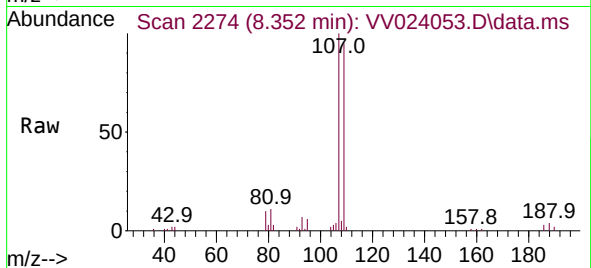
Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	24739
Ion	Ratio	Lower Upper
107	100	
109	94.5	62.5 116.1
188	4.4	3.4 5.2



#51

Chlorobenzene

Concen: 5.171 ug/L

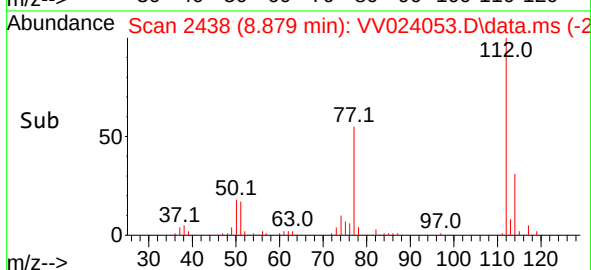
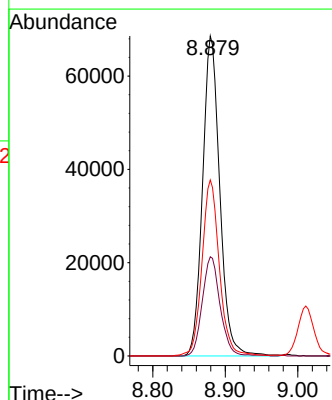
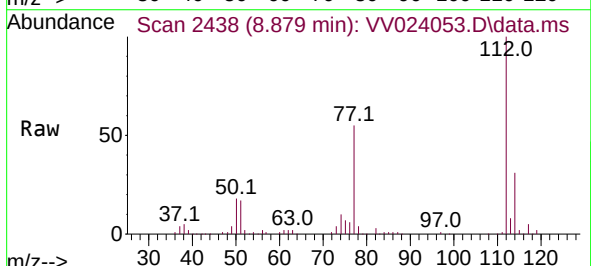
RT: 8.879 min Scan# 2438

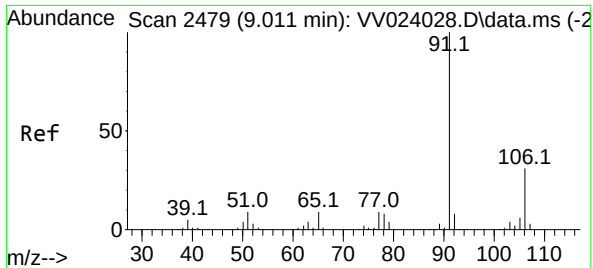
Delta R.T. -0.000 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Tgt Ion:112	Resp:	113157
Ion	Ratio	Lower Upper
112	100	
114	31.0	23.3 43.3
77	55.0	43.3 64.9

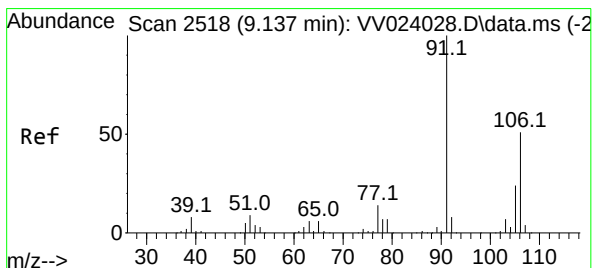
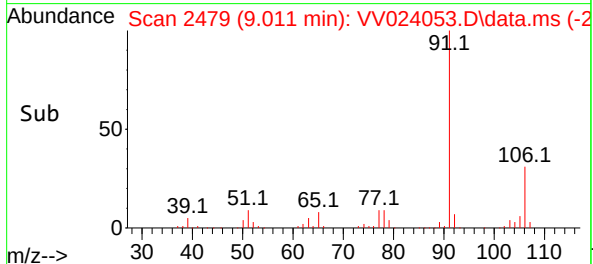
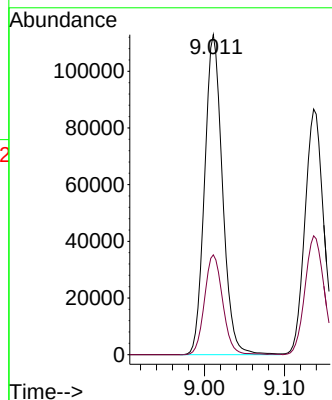
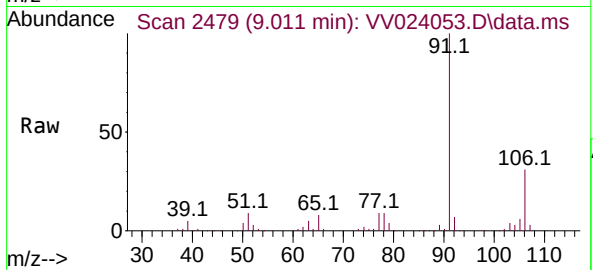




#52
Ethylbenzene
Concen: 5.099 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

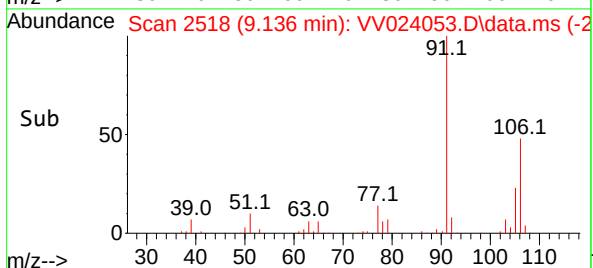
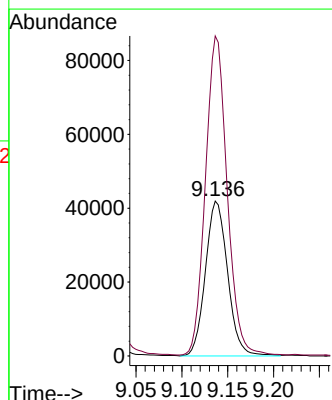
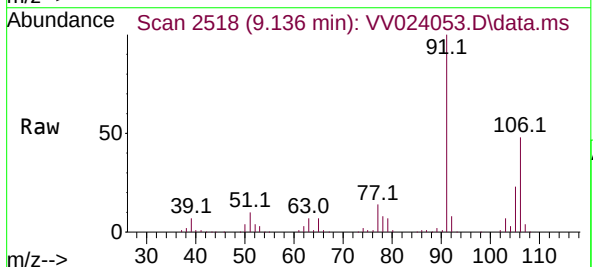
Instrument :
MSVOA_V
ClientSampleId :

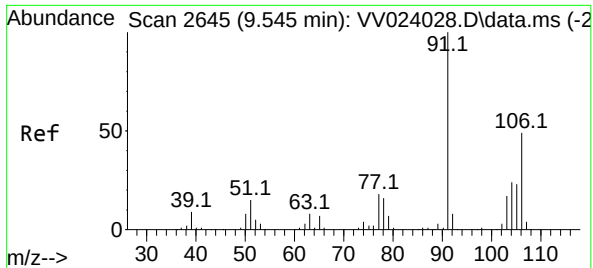
Tgt Ion: 91 Resp: 176141
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0



#53
m,p-xylene
Concen: 5.182 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Tgt Ion:106 Resp: 70792
Ion Ratio Lower Upper
106 100
91 206.6 139.5 259.1

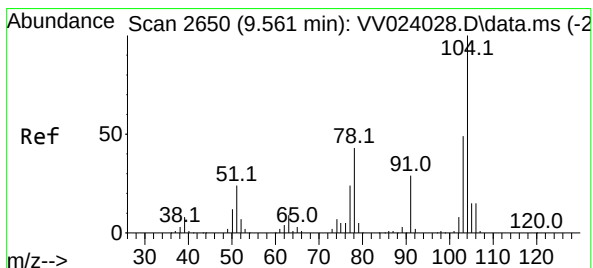
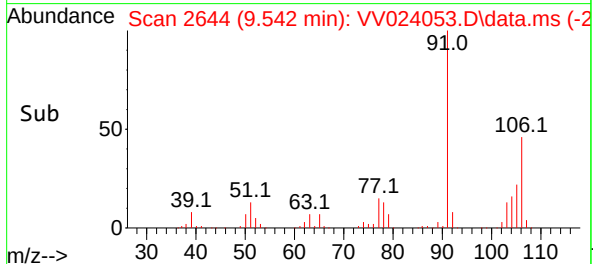
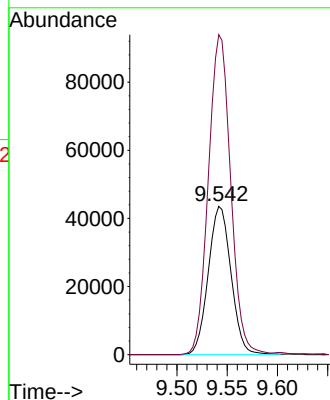
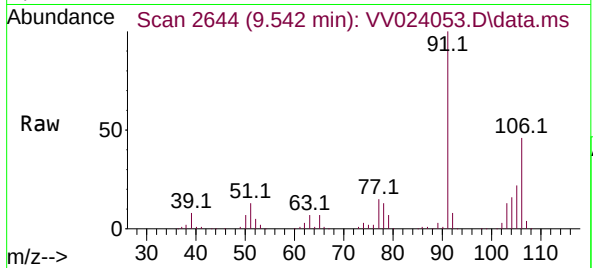




#54
o-xylene
Concen: 5.199 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

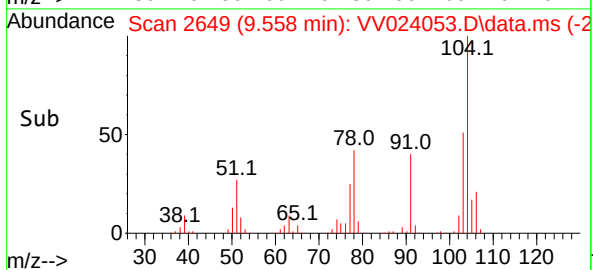
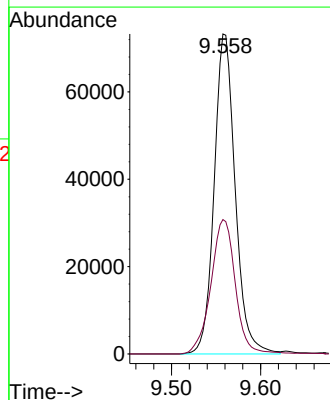
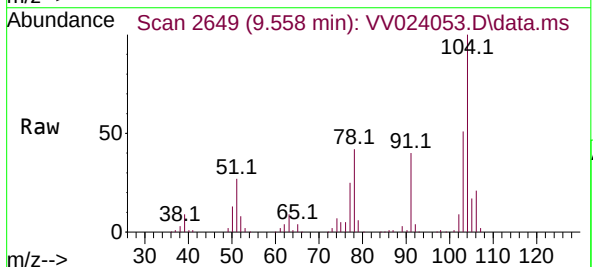
Instrument :
MSVOA_V
ClientSampleId :

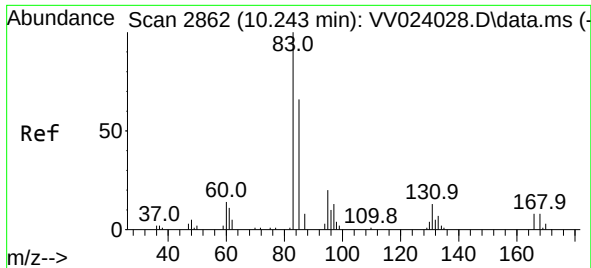
Tgt Ion:106 Resp: 68684
Ion Ratio Lower Upper
106 100
91 215.7 147.9 274.7



#55
Styrene
Concen: 5.463 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Tgt Ion:104 Resp: 120157
Ion Ratio Lower Upper
104 100
78 42.0 31.0 57.6

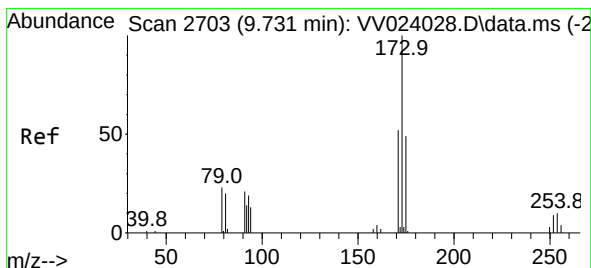
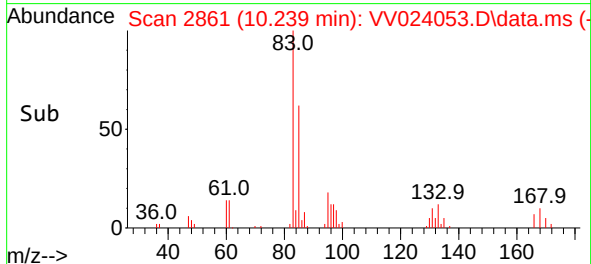
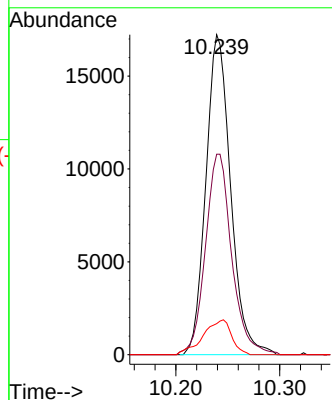
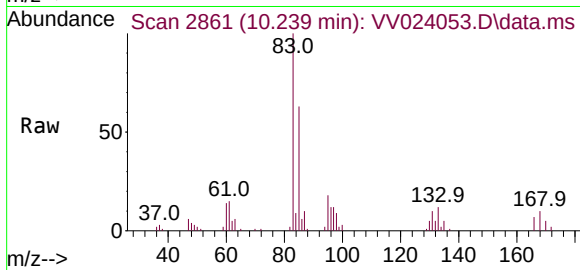




#57
1,1,2,2-Tetrachloroethane
Concen: 5.087 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

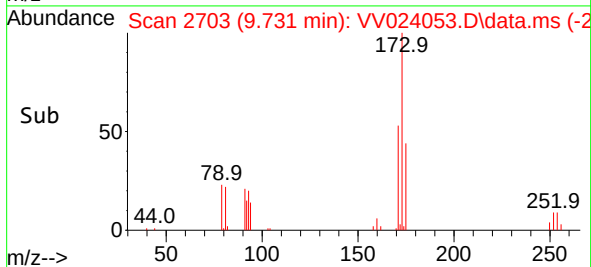
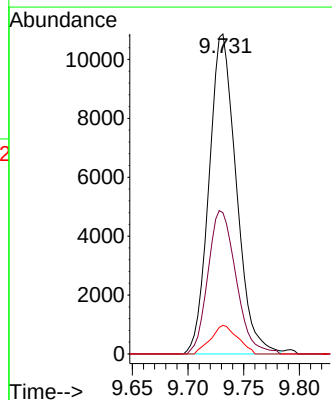
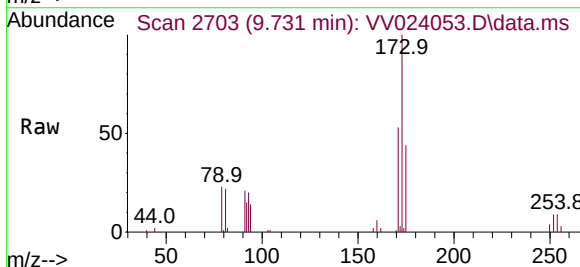
Instrument :
MSVOA_V
ClientSampleId :

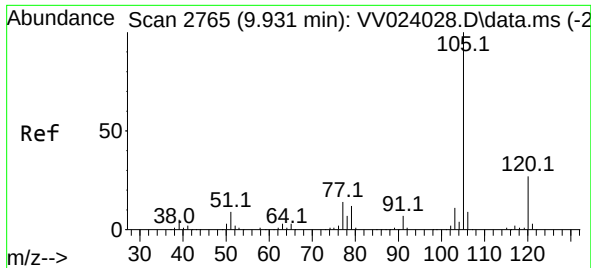
Tgt Ion: 83 Resp: 28497
Ion Ratio Lower Upper
83 100
85 62.6 44.6 82.8
131 9.7 8.3 12.5



#59
Bromoform
Concen: 4.689 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Tgt Ion: 173 Resp: 18496
Ion Ratio Lower Upper
173 100
175 46.2 39.4 59.2
254 8.8 7.4 11.0

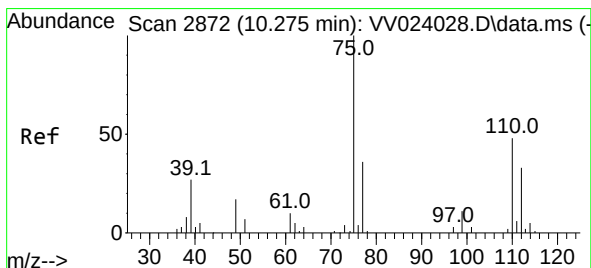
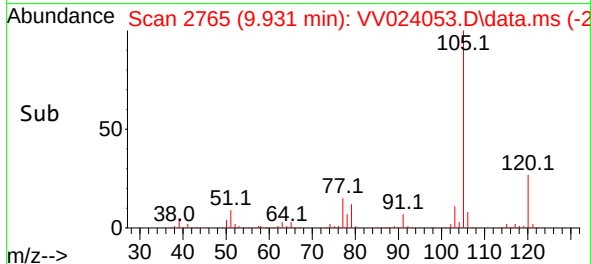
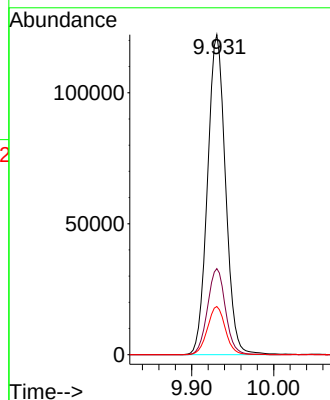
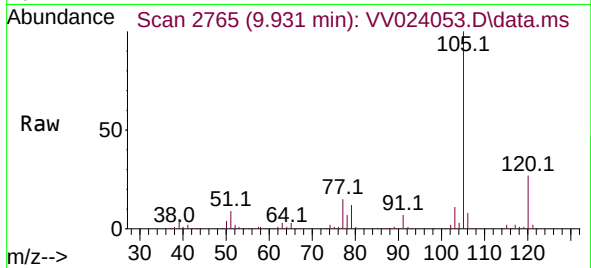




#60
Isopropylbenzene
Concen: 5.174 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

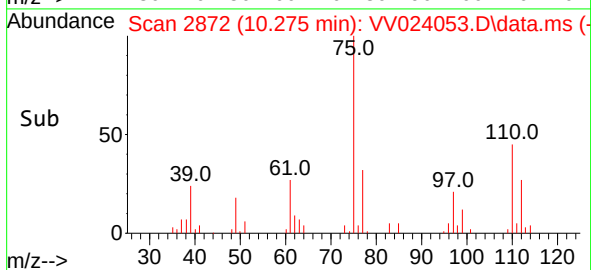
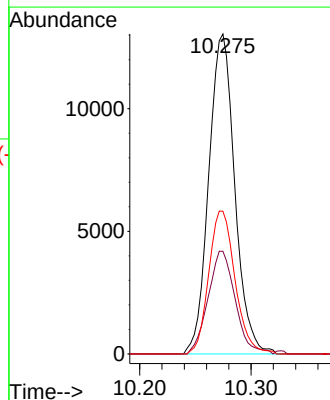
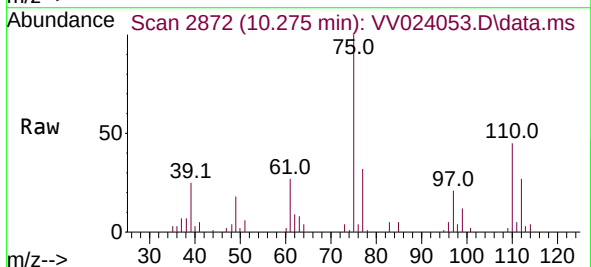
Instrument :
MSVOA_V
ClientSampleId :

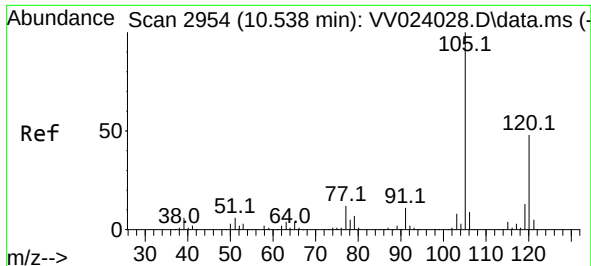
Tgt Ion:105 Resp: 186696
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.059 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Tgt Ion: 75 Resp: 21178
Ion Ratio Lower Upper
75 100
77 33.4 26.4 39.6
110 45.2 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.025 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

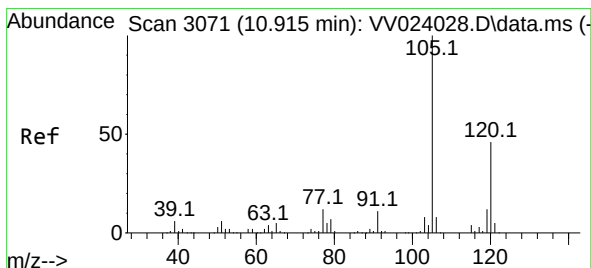
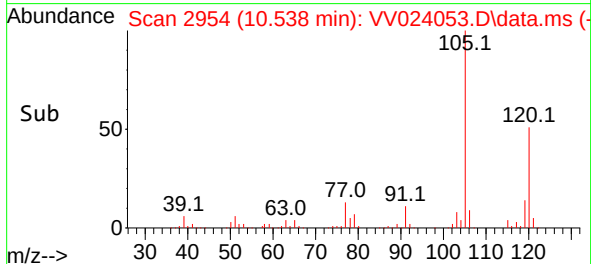
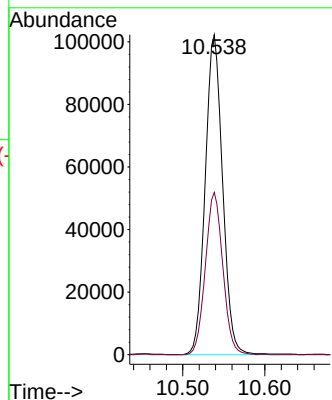
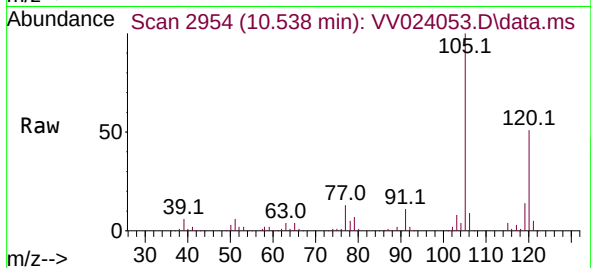
ClientSampleId :

Tgt Ion:105 Resp: 150396

Ion Ratio Lower Upper

105 100

120 50.9 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.130 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV024053.D

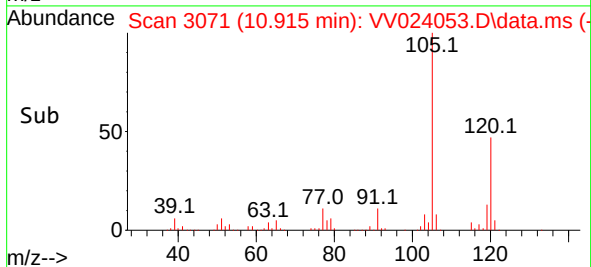
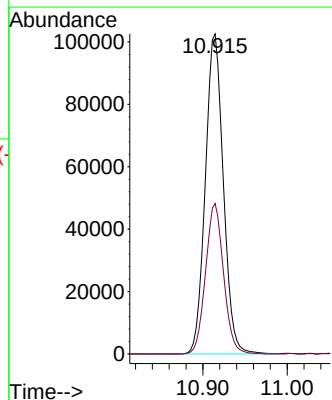
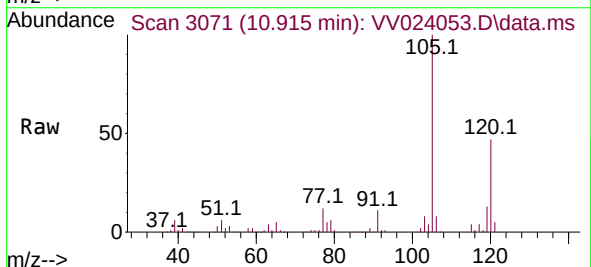
Acq: 17 Dec 2021 10:16

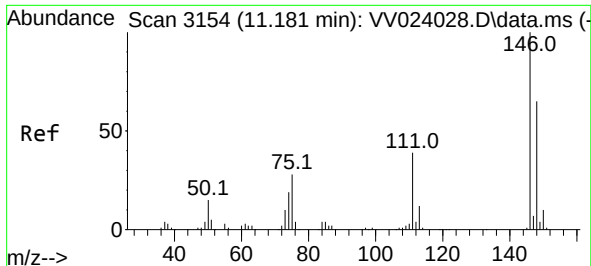
Tgt Ion:105 Resp: 152974

Ion Ratio Lower Upper

105 100

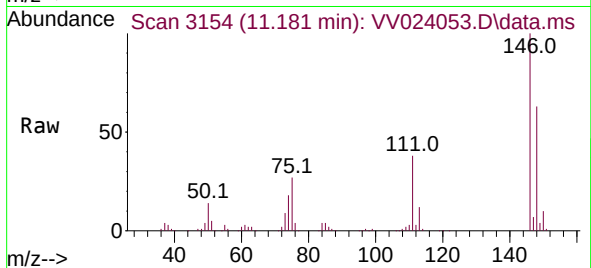
120 46.9 36.7 55.1



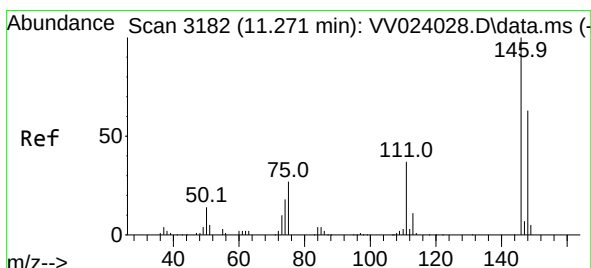
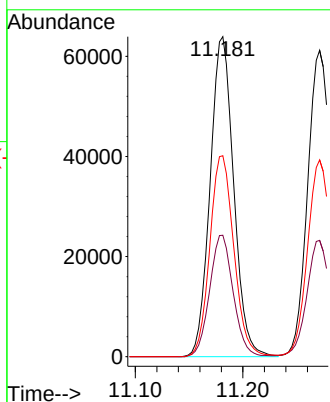
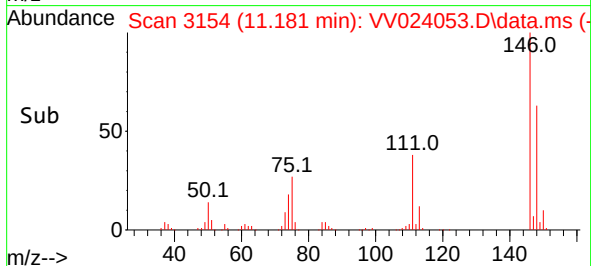


#64
1,3-Dichlorobenzene
Concen: 5.276 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

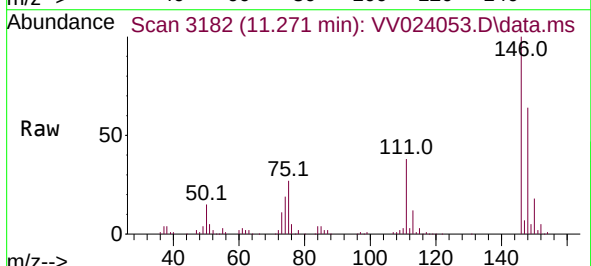
Instrument :
MSVOA_V
ClientSampleId :



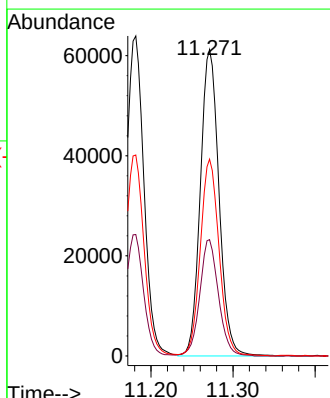
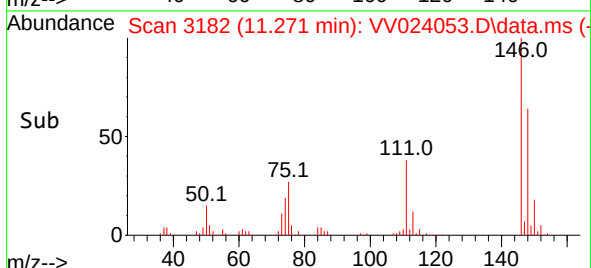
Tgt Ion:146 Resp: 97364
Ion Ratio Lower Upper
146 100
111 38.0 26.3 48.9
148 62.8 44.4 82.5

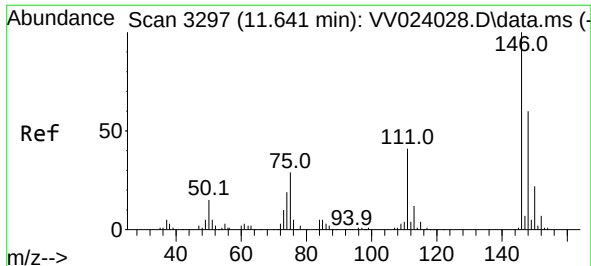


#65
1,4-Dichlorobenzene
Concen: 5.212 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16



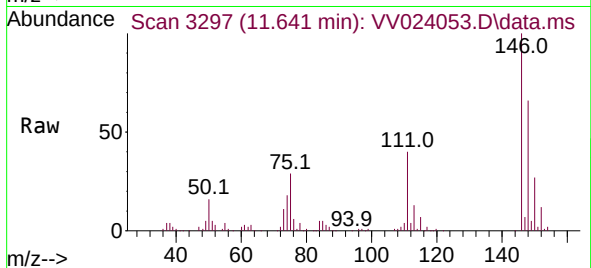
Tgt Ion:146 Resp: 96603
Ion Ratio Lower Upper
146 100
111 38.0 25.6 47.6
148 64.2 44.8 83.2



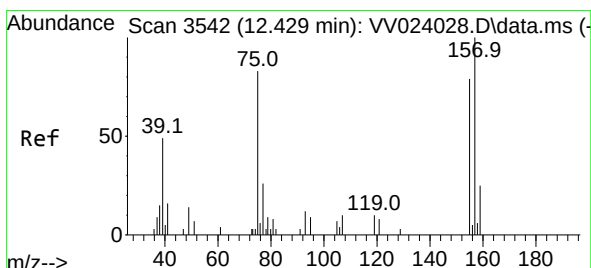
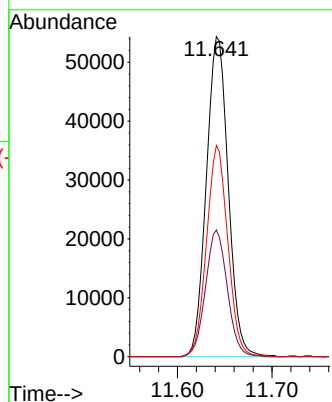
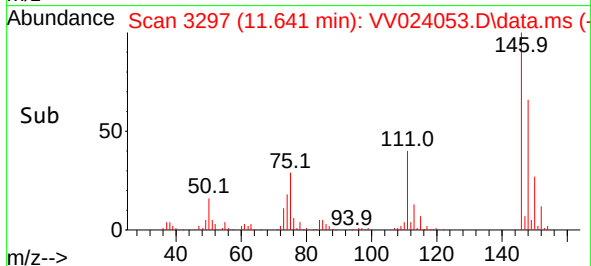


#67
1,2-Dichlorobenzene
Concen: 5.172 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Instrument :
MSVOA_V
ClientSampleId :

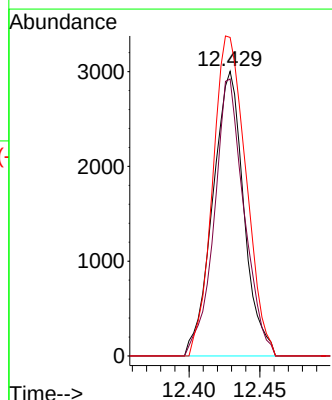
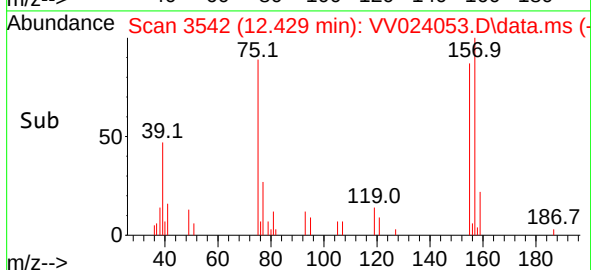
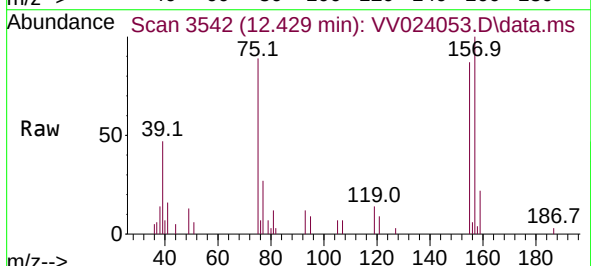


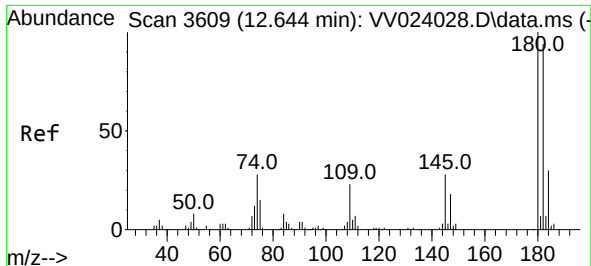
Tgt Ion:146 Resp: 87445
Ion Ratio Lower Upper
146 100
111 39.6 31.9 47.9
148 66.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.011 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV024053.D
Acq: 17 Dec 2021 10:16

Tgt Ion: 75 Resp: 4582
Ion Ratio Lower Upper
75 100
155 97.3 71.7 107.5
157 111.9 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 4.952 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

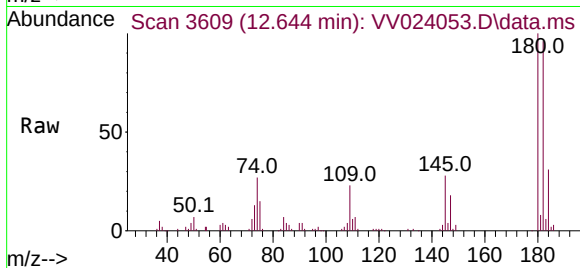
Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 75165

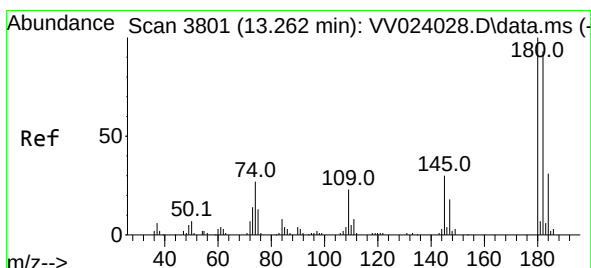
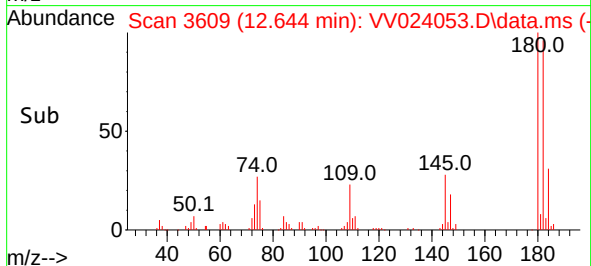
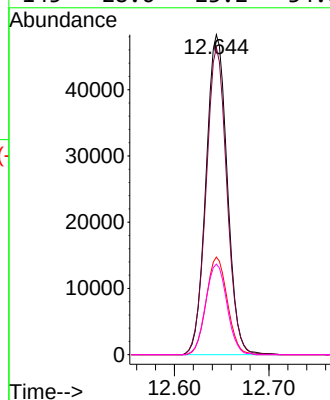
Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

184 30.4 24.2 36.4

145 28.6 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.743 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

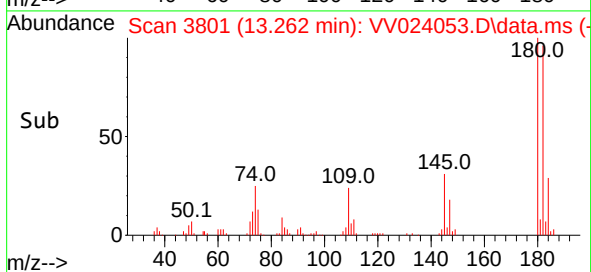
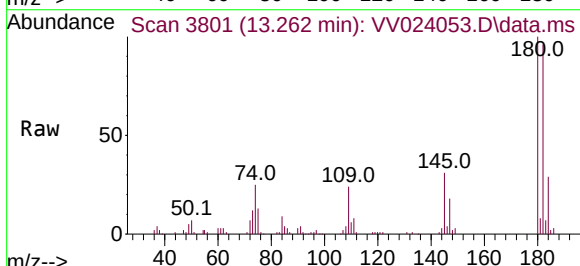
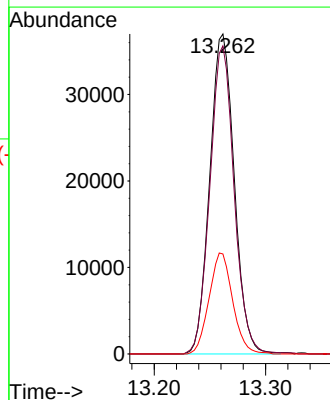
Tgt Ion:180 Resp: 56543

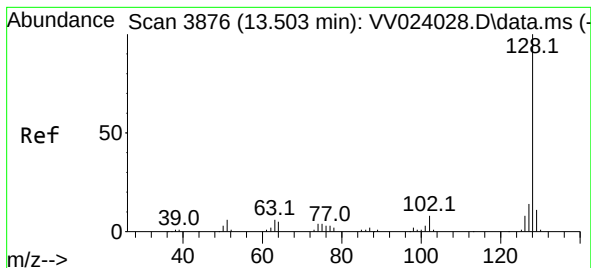
Ion Ratio Lower Upper

180 100

182 95.4 74.4 111.6

145 30.4 23.3 34.9





#71

Naphthalene

Concen: 4.555 ug/L

RT: 13.500 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Instrument :

MSVOA_V

ClientSampleId :

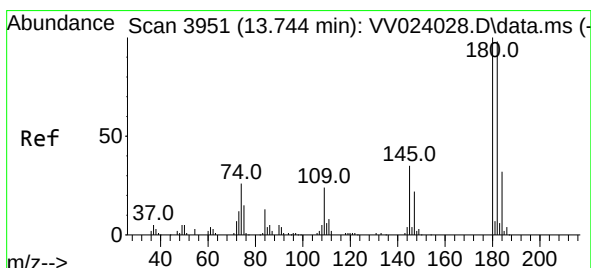
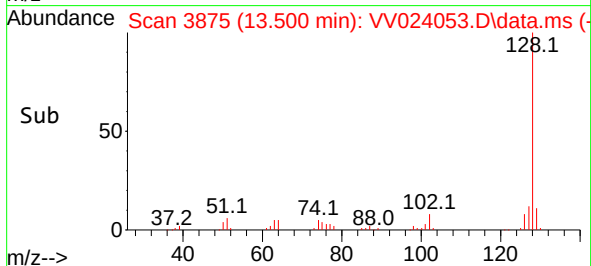
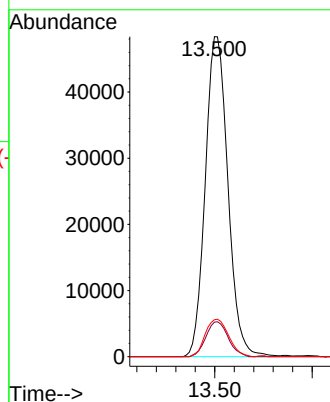
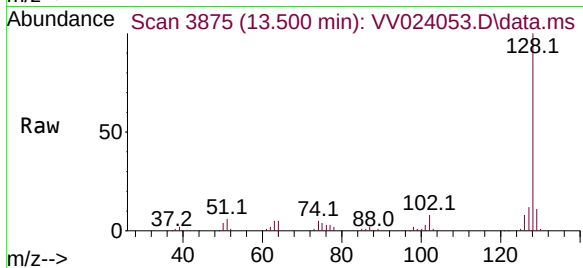
Tgt Ion:128 Resp: 78036

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 12.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.846 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV024053.D

Acq: 17 Dec 2021 10:16

Tgt Ion:180 Resp: 51006

Ion Ratio Lower Upper

180 100

182 96.2 76.8 115.2

145 32.1 25.8 38.6

