

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VV024247.D
 Acq On : 30 Dec 2021 21:28
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 31 05:22:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:15:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	252080	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	239720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	134731	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	88619	48.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.700%
7) Chloroethane-d5	1.568	69	67287	48.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.640%
11) 1,1-Dichloroethene-d2	2.111	63	169143	49.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.780%
21) 2-Butanone-d5	3.886	46	101507	100.426	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.430%
24) Chloroform-d	4.349	84	164284	49.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.100%
26) 1,2-Dichloroethane-d4	5.031	65	108651	48.943	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
32) Benzene-d6	5.050	84	309905	49.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.080%
36) 1,2-Dichloropropane-d6	6.069	67	86019	49.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	7.317	98	307391	50.751	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.500%
43) trans-1,3-Dichloroprop...	7.619	79	50753	50.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.540%
47) 2-Hexanone-d5	8.088	63	78473	103.026	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.030%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	122287	48.809	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.620%
66) 1,2-Dichlorobenzene-d4	11.625	152	134283	50.002	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	97192	47.791	ug/L	99
3) Chloromethane	1.243	50	83468	48.852	ug/L	96
5) Vinyl chloride	1.310	62	89821	49.684	ug/L	98
6) Bromomethane	1.523	94	56222	54.575	ug/L	100
8) Chloroethane	1.587	64	57385	51.426	ug/L	96
9) Trichlorofluoromethane	1.754	101	161853	49.806	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	75804	47.731	ug/L	100
12) 1,1-Dichloroethene	2.121	96	75913	49.440	ug/L	94
13) Acetone	2.179	43	86419	86.596	ug/L	100
14) Carbon disulfide	2.294	76	224194	50.287	ug/L	100
15) Methyl Acetate	2.433	43	73528	50.657	ug/L	98
16) Methylene chloride	2.507	84	82986	49.629	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	80689	50.997	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	247956	50.848	ug/L	99
19) 1,1-Dichloroethane	3.191	63	131633	50.158	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	83905	49.653	ug/L	99
22) 2-Butanone	3.973	43	102308	96.509	ug/L	94
23) Bromochloromethane	4.249	128	49191	50.521	ug/L	98
25) Chloroform	4.375	83	154906	50.485	ug/L	98

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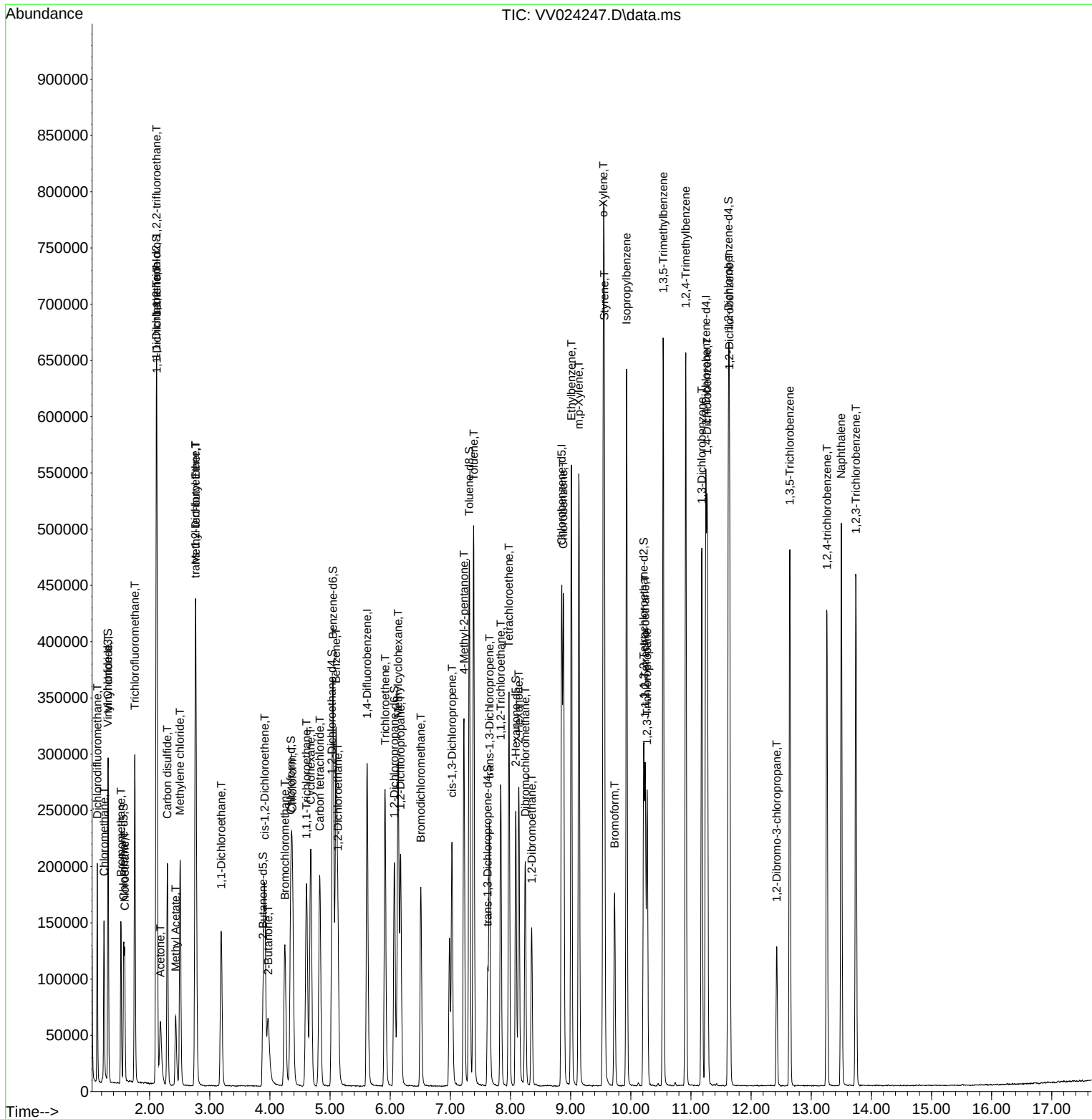
Instrument :
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 ClientSampleId :

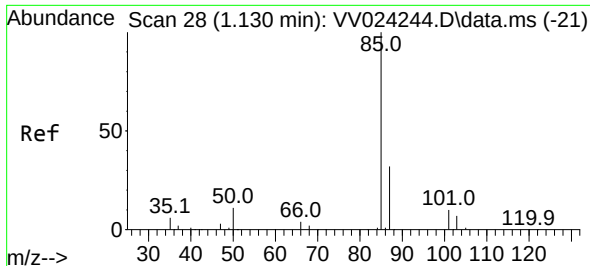
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 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:15:35 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	120811	48.408	ug/L	98
29) Cyclohexane	4.680	56	108573	50.667	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	147958	50.163	ug/L	99
31) Carbon tetrachloride	4.828	117	137409	50.216	ug/L	100
33) Benzene	5.098	78	310643	50.963	ug/L	100
34) Trichloroethene	5.915	95	85556	50.899	ug/L	97
35) Methylcyclohexane	6.133	83	123212	49.425	ug/L	98
37) 1,2-Dichloropropane	6.172	63	74418	51.906	ug/L	99
38) Bromodichloromethane	6.510	83	113764	50.566	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	121167	50.276	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	193554	103.530	ug/L	100
42) Toluene	7.387	91	352941	51.582	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	126932	51.920	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	80451	50.055	ug/L	97
46) Tetrachloroethene	7.976	164	77918	50.929	ug/L	98
48) 2-Hexanone	8.137	43	155341	103.450	ug/L	100
49) Dibromochloromethane	8.246	129	101736	50.498	ug/L	100
50) 1,2-Dibromoethane	8.352	107	87784	50.850	ug/L	98
51) Chlorobenzene	8.879	112	233139	50.588	ug/L	99
52) Ethylbenzene	9.011	91	373448	51.089	ug/L	99
53) m,p-Xylene	9.137	106	152072	51.902	ug/L	99
54) o-Xylene	9.545	106	147111	52.597	ug/L	98
55) Styrene	9.561	104	257046	52.921	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	115693	49.296	ug/L	98
59) Bromoform	9.731	173	77515	50.455	ug/L	98
60) Isopropylbenzene	9.931	105	392681	52.671	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	96858	48.958	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	340867	53.152	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	339750	53.066	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	197918	51.487	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	202025	50.961	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	198764	50.170	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	27816	48.818	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	153053	51.763	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	130609	51.650	ug/L	99
71) Naphthalene	13.500	128	395094	54.003	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	138945	53.164	ug/L	100

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

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Response via : Initial Calibration

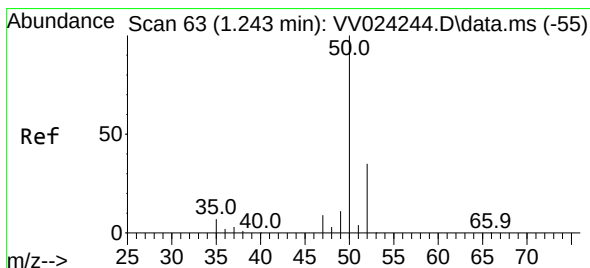
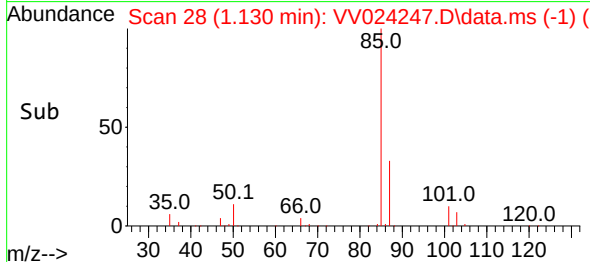
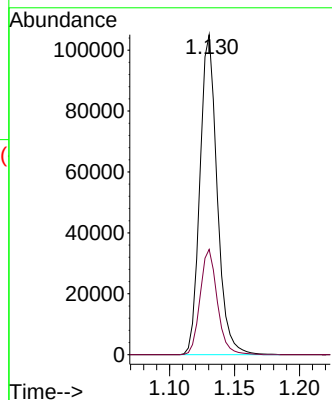
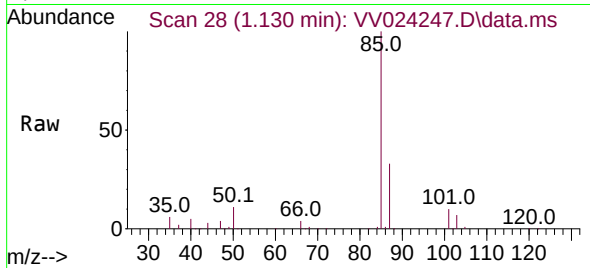




#2
 Dichlorodifluoromethane
 Concen: 47.791 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

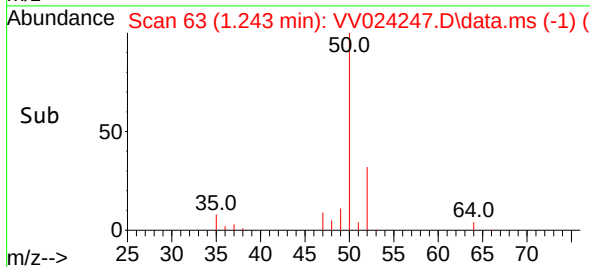
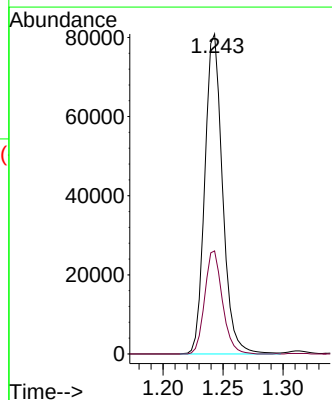
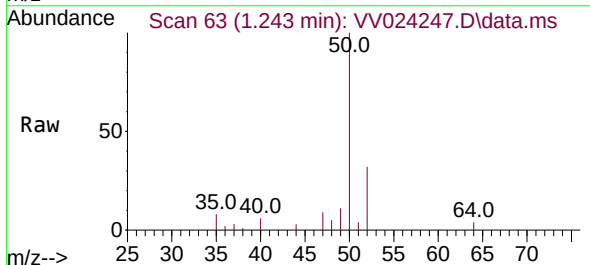
Instrument :
 MSVOA_V
 ClientSampleId :

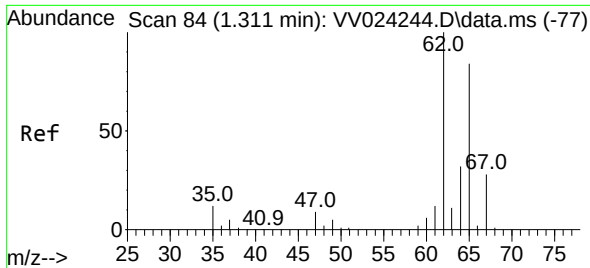
Tgt Ion: 85 Resp: 97192
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 48.852 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

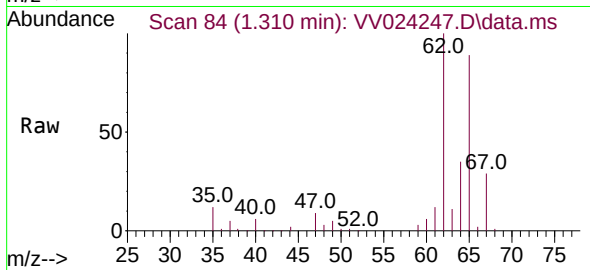
Tgt Ion: 50 Resp: 83468
 Ion Ratio Lower Upper
 50 100
 52 32.2 24.1 44.7



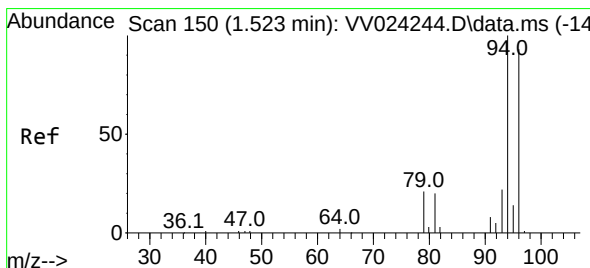
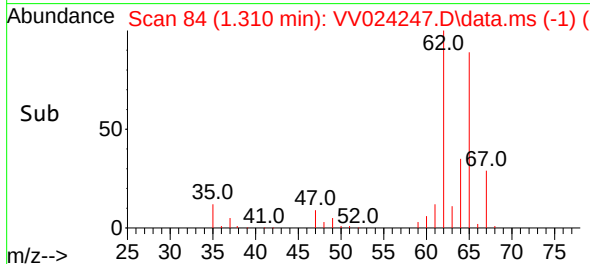
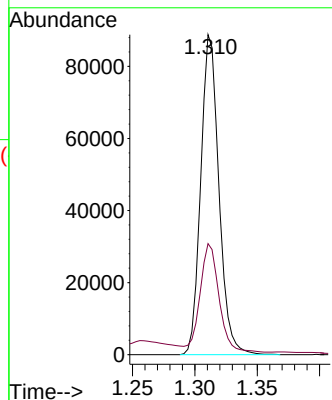


#5
 Vinyl chloride
 Concen: 49.684 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

Instrument :
 MSVOA_V
 ClientSampleId :

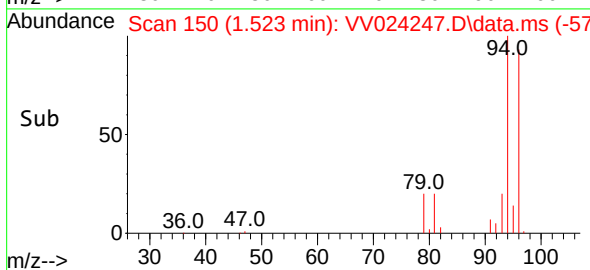
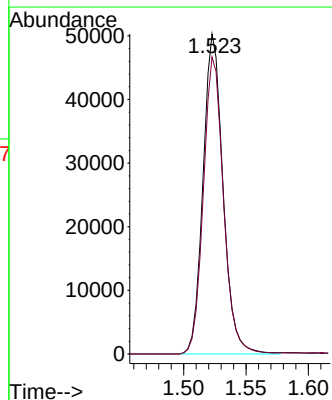
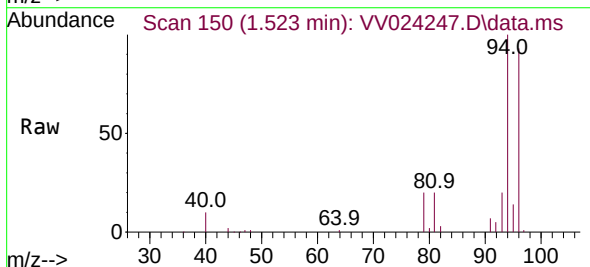


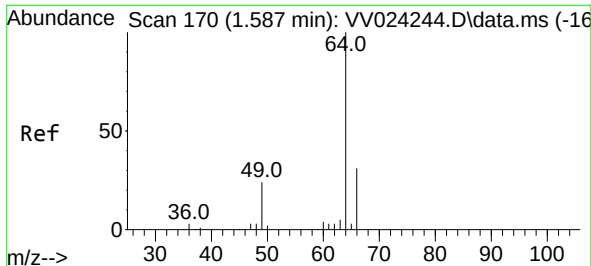
Tgt Ion: 62 Resp: 89821
 Ion Ratio Lower Upper
 62 100
 64 34.7 25.0 46.4



#6
 Bromomethane
 Concen: 54.575 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

Tgt Ion: 94 Resp: 56222
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.0 120.6

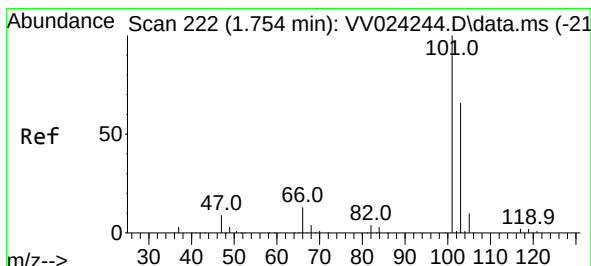
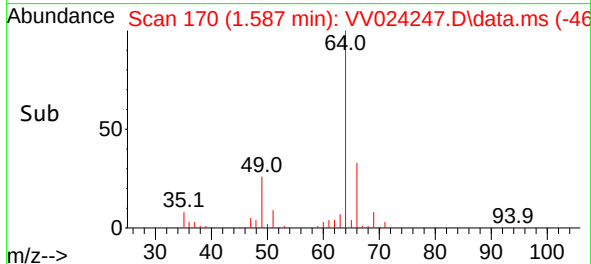
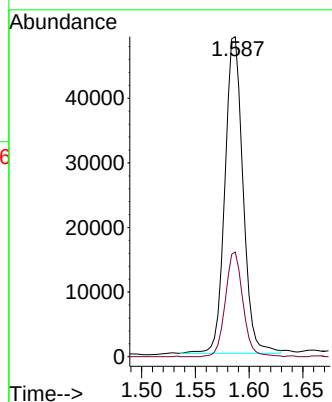
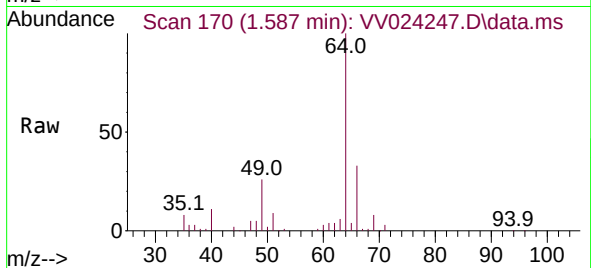




#8
Chloroethane
Concen: 51.426 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

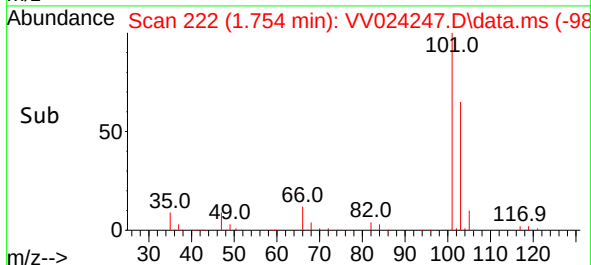
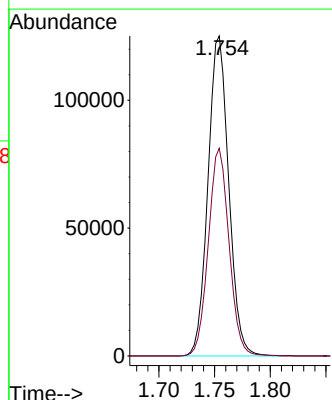
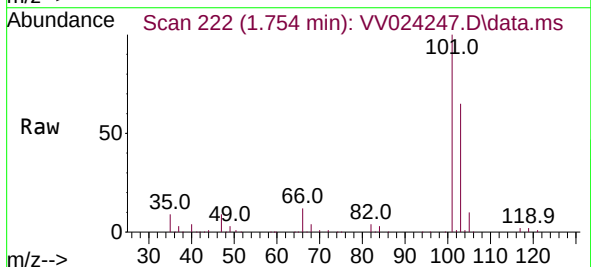
Instrument :
MSVOA_V
ClientSampleId :

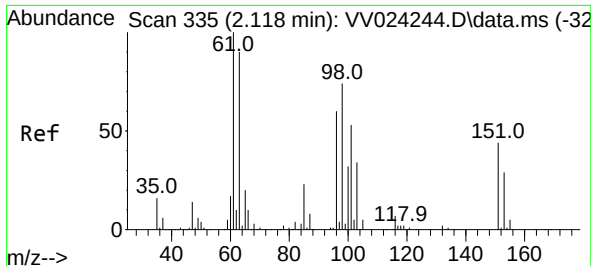
Tgt Ion: 64 Resp: 57385
Ion Ratio Lower Upper
64 100
66 32.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 49.806 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion:101 Resp: 161853
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

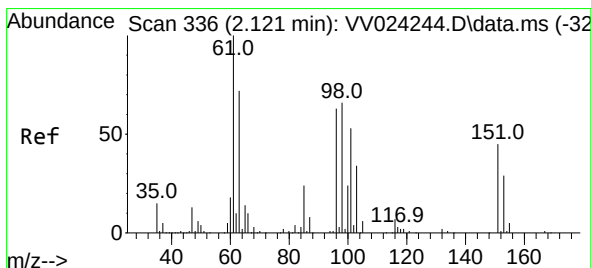
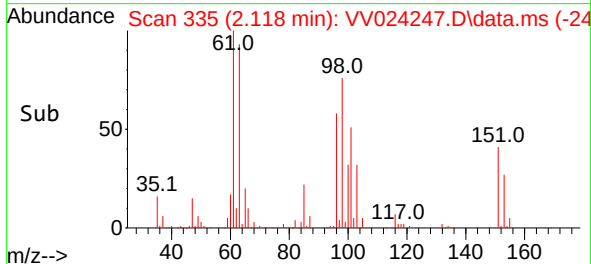
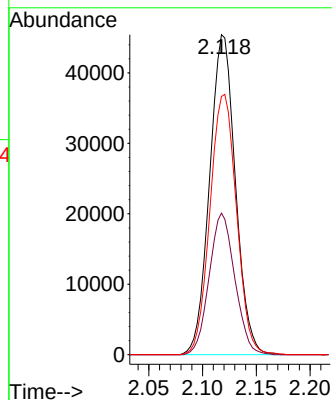
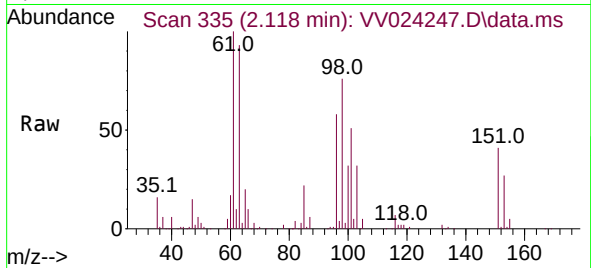




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.731 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

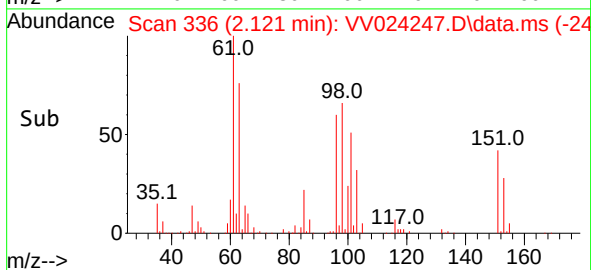
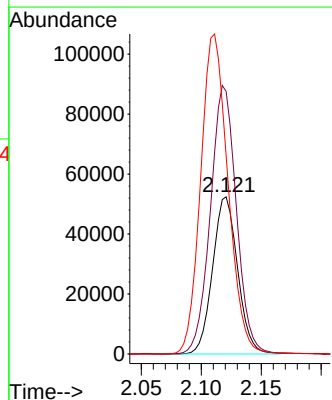
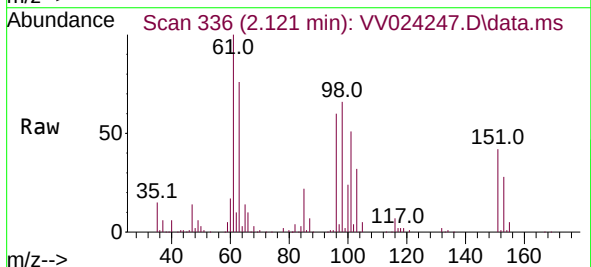
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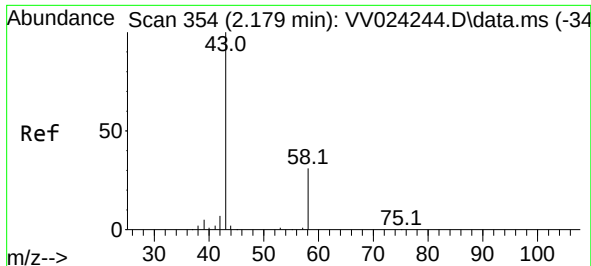
Tgt Ion:101 Resp: 75804
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.3 52.9
 151 83.6 67.1 100.7



#12
 1,1-Dichloroethene
 Concen: 49.440 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

Tgt Ion: 96 Resp: 75913
 Ion Ratio Lower Upper
 96 100
 61 167.2 111.9 207.9
 63 126.3 82.7 153.5





#13

Acetone

Concen: 86.596 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Instrument :

MSVOA_V

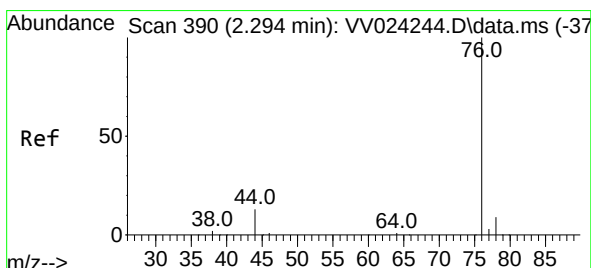
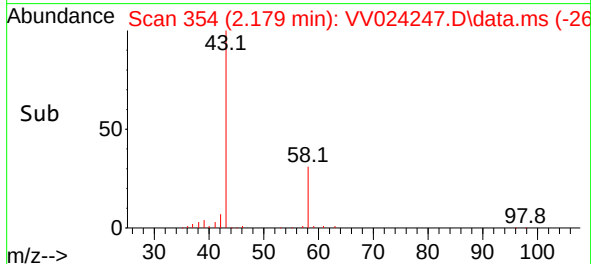
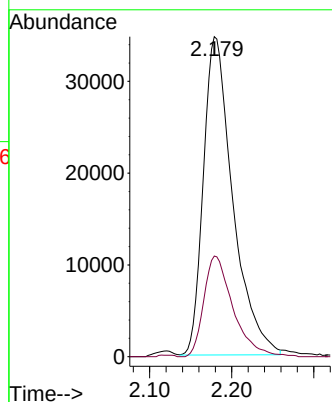
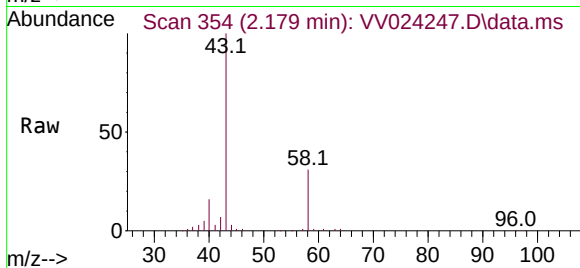
ClientSampleId :

Tgt Ion: 43 Resp: 86419

Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.0



#14

Carbon disulfide

Concen: 50.287 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV024247.D

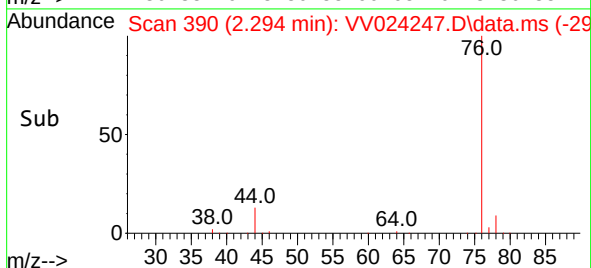
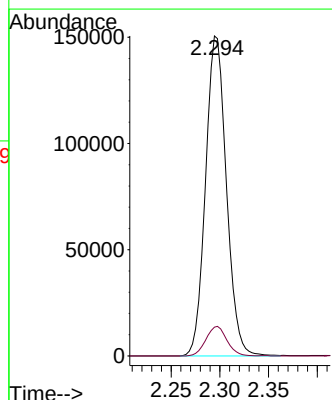
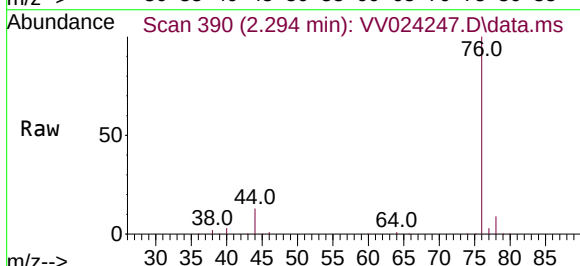
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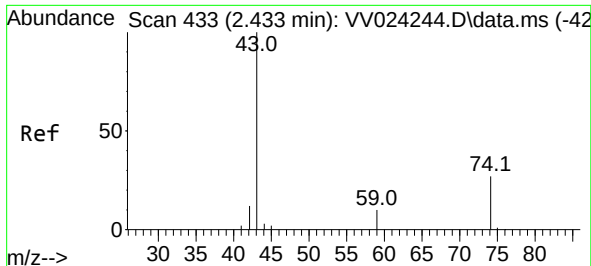
Tgt Ion: 76 Resp: 224194

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

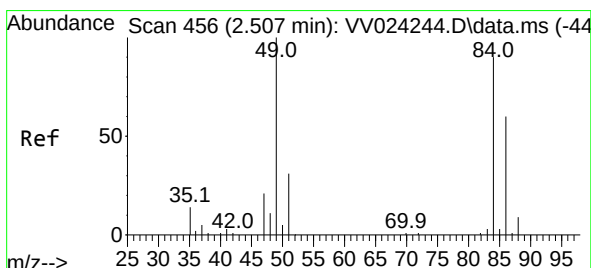
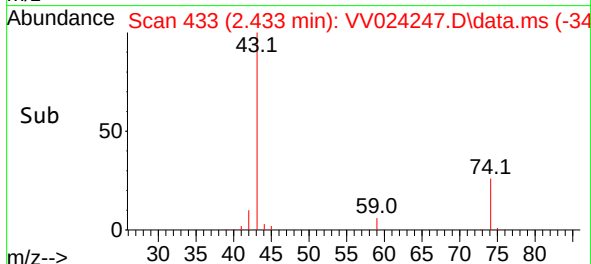
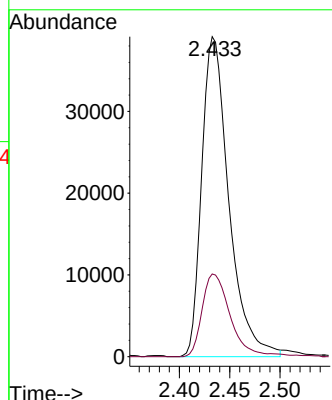
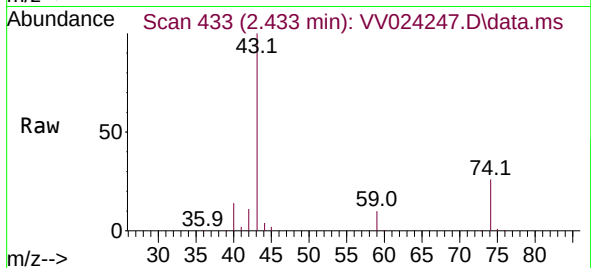




#15
Methyl Acetate
Concen: 50.657 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

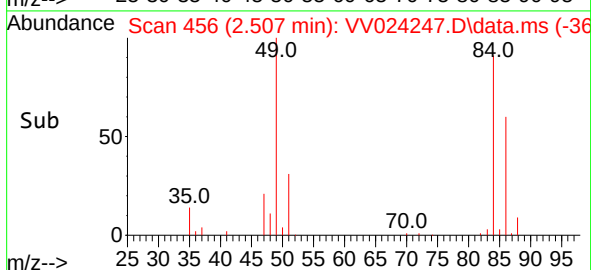
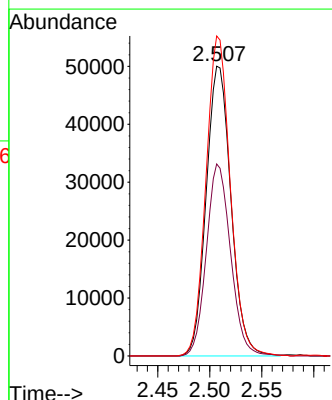
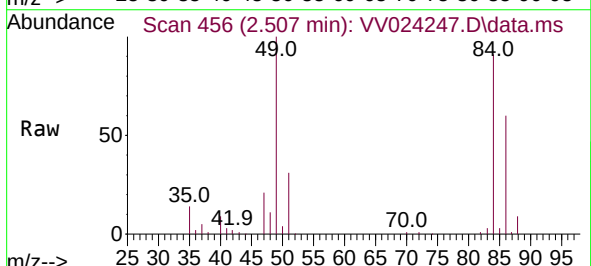
Instrument :
MSVOA_V
ClientSampleId :

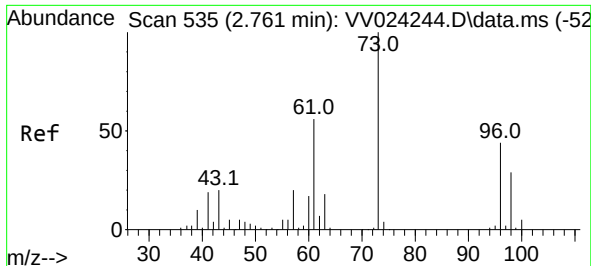
Tgt Ion: 43 Resp: 73528
Ion Ratio Lower Upper
43 100
74 26.2 21.8 32.8



#16
Methylene chloride
Concen: 49.629 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion: 84 Resp: 82986
Ion Ratio Lower Upper
84 100
86 66.2 46.8 86.8
49 110.4 78.3 145.3

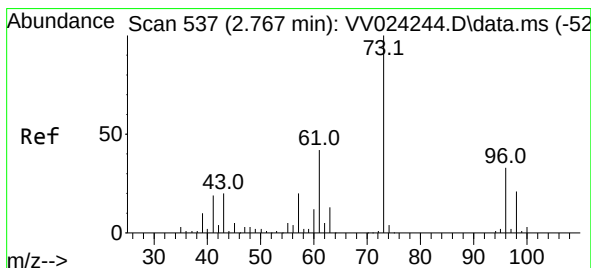
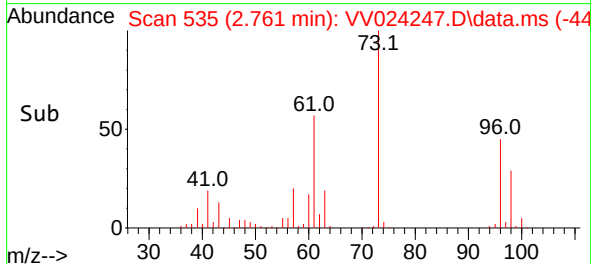
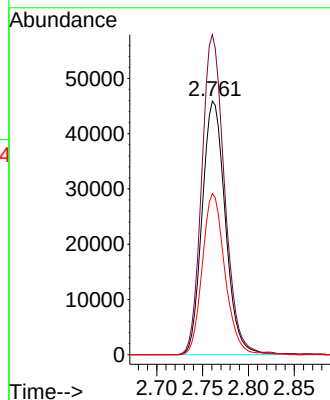
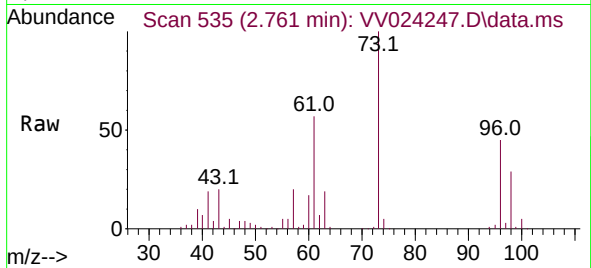




#17
trans-1,2-Dichloroethene
Concen: 50.997 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

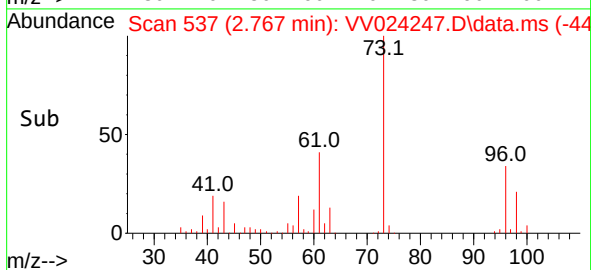
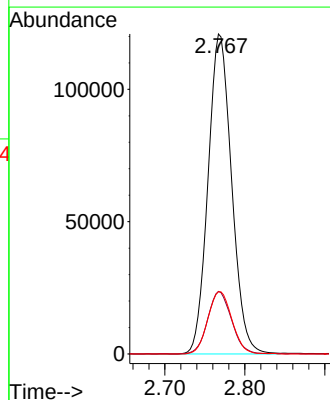
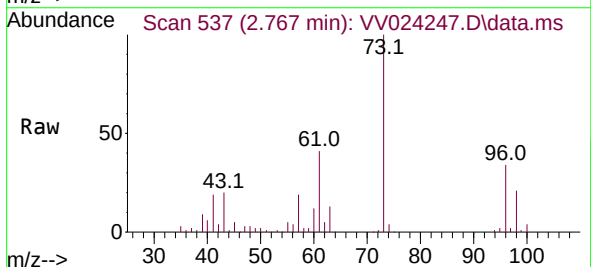
Instrument :
MSVOA_V
ClientSampleId :

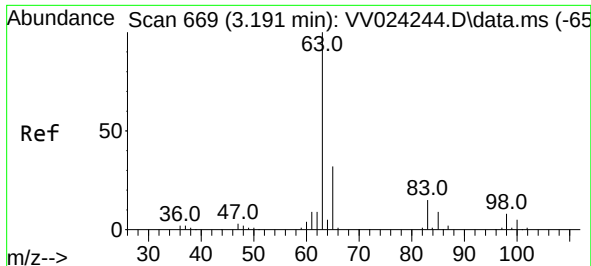
Tgt Ion: 96 Resp: 80689
Ion Ratio Lower Upper
96 100
61 126.2 88.1 163.7
98 63.5 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 50.848 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion: 73 Resp: 247956
Ion Ratio Lower Upper
73 100
43 19.8 16.2 24.2
57 19.8 15.9 23.9





#19

1,1-Dichloroethane

Concen: 50.158 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Instrument :

MSVOA_V

ClientSampleId :

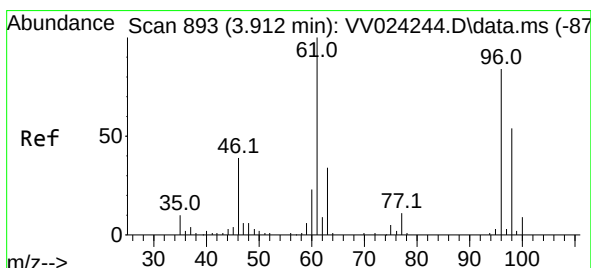
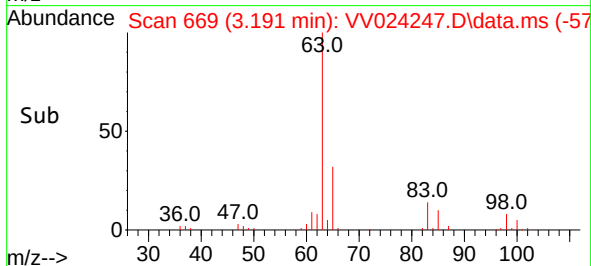
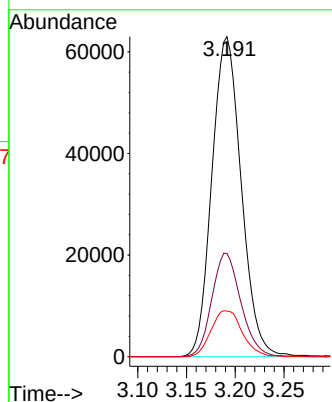
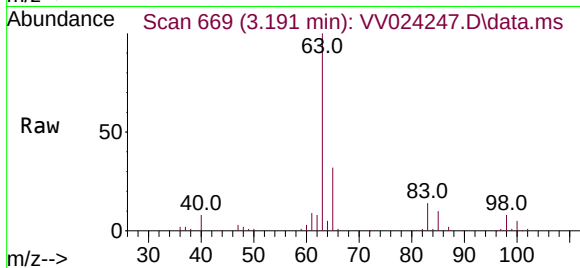
Tgt Ion: 63 Resp: 131633

Ion Ratio Lower Upper

63 100

65 32.3 22.4 41.6

83 14.2 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 49.653 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

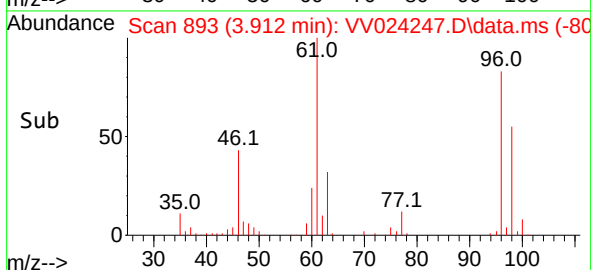
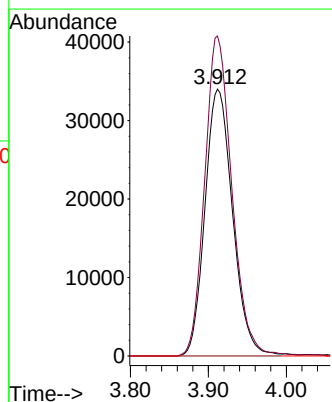
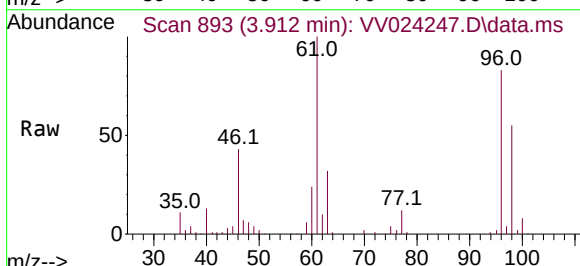
Tgt Ion: 96 Resp: 83905

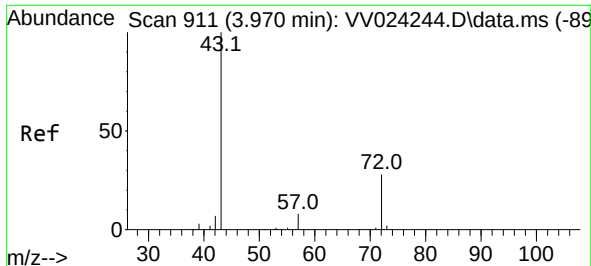
Ion Ratio Lower Upper

96 100

61 119.9 82.9 153.9

68 0.0 0.0 0.0

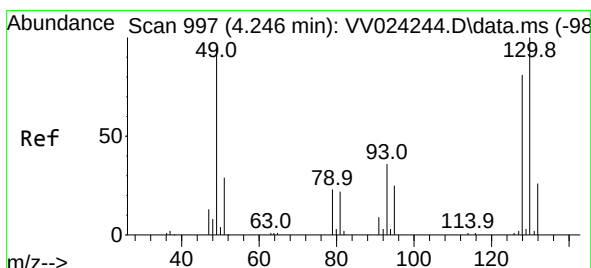
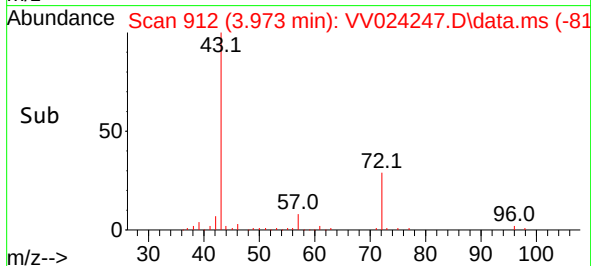
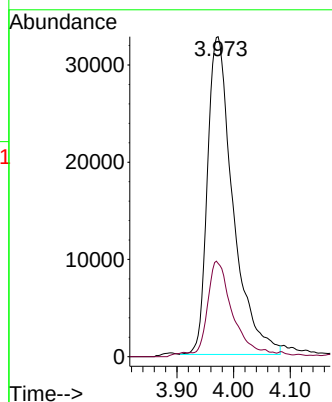
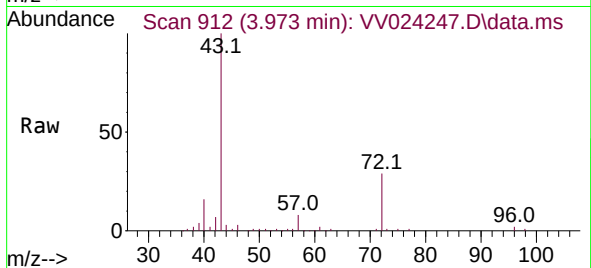




#22
2-Butanone
Concen: 96.509 ug/L
RT: 3.973 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

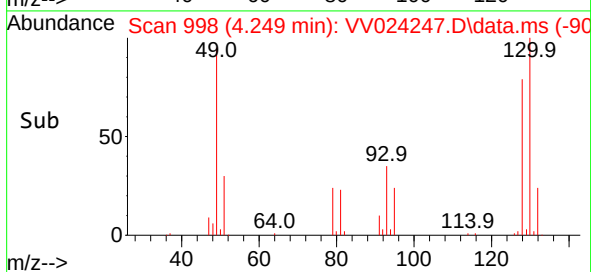
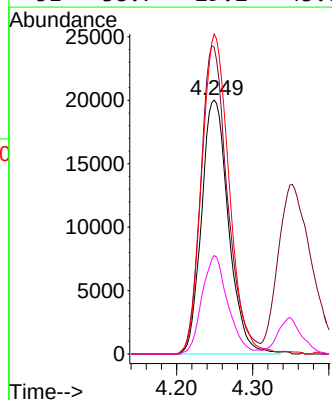
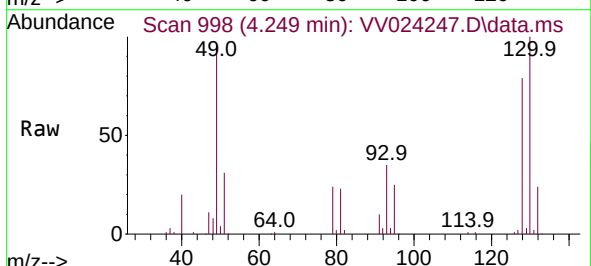
Instrument :
MSVOA_V
ClientSampleId :

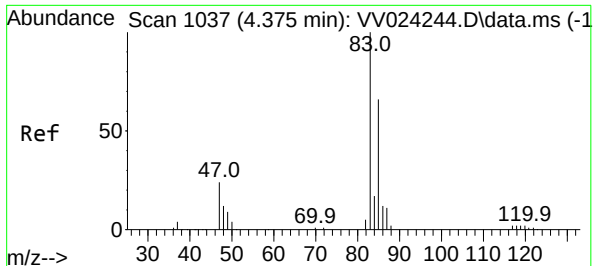
Tgt Ion: 43 Resp: 102308
Ion Ratio Lower Upper
43 100
72 26.6 14.9 44.9



#23
Bromochloromethane
Concen: 50.521 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion:128 Resp: 49191
Ion Ratio Lower Upper
128 100
49 120.8 83.1 154.3
130 126.0 87.0 161.6
51 38.7 29.2 43.8





#25

Chloroform

Concen: 50.485 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Instrument :

MSVOA_V

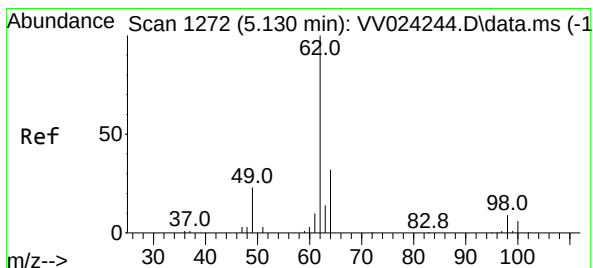
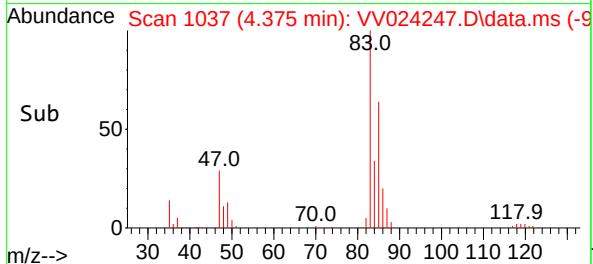
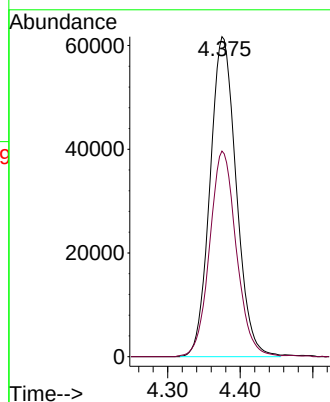
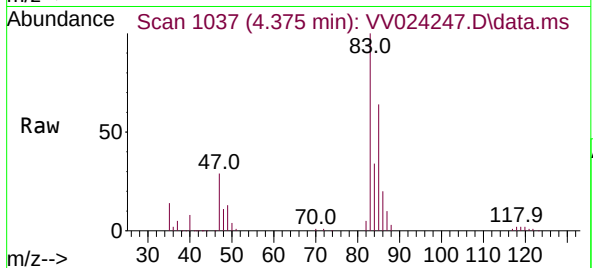
ClientSampleId :

Tgt Ion: 83 Resp: 154906

Ion Ratio Lower Upper

83 100

85 64.2 46.3 85.9



#27

1,2-Dichloroethane

Concen: 48.408 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV024247.D

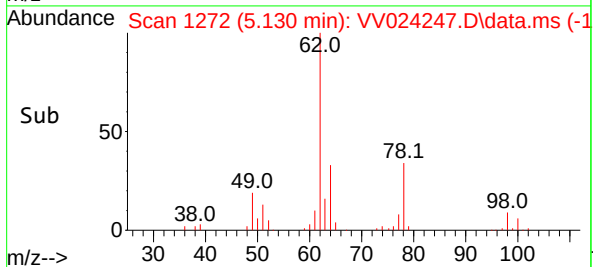
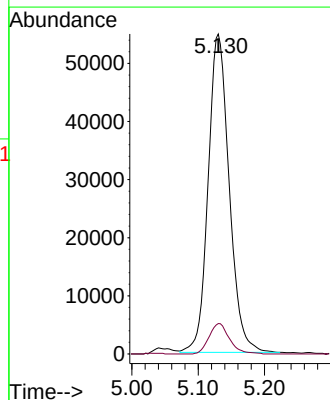
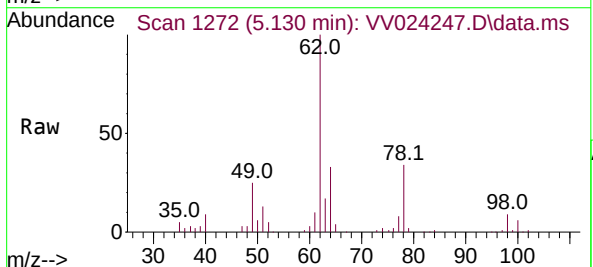
Acq: 30 Dec 2021 21:28

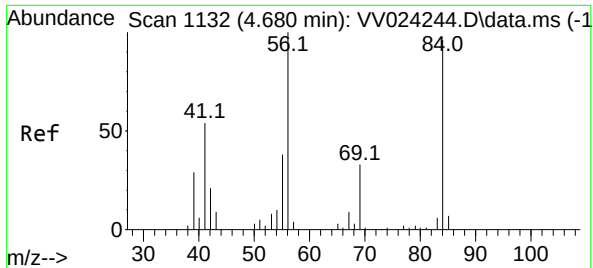
Tgt Ion: 62 Resp: 120811

Ion Ratio Lower Upper

62 100

98 9.5 7.1 10.7





#29

Cyclohexane

Concen: 50.667 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Instrument :

MSVOA_V

ClientSampleId :

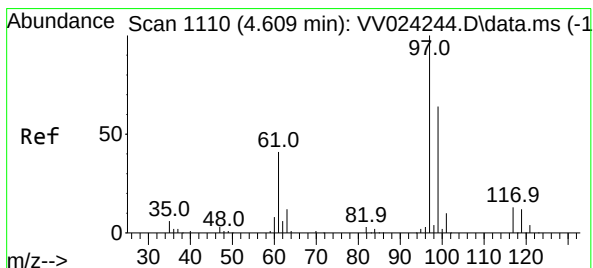
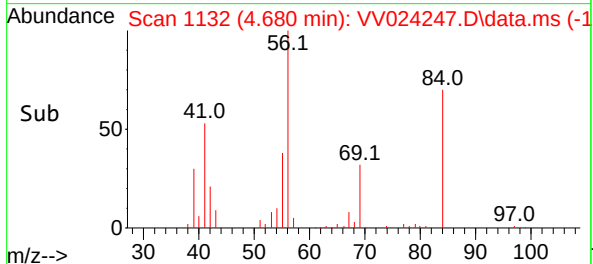
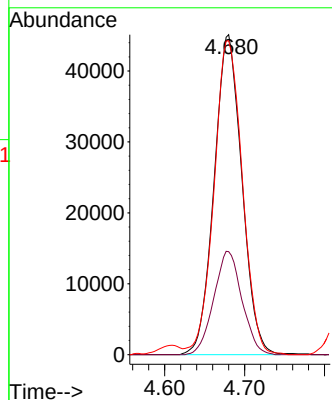
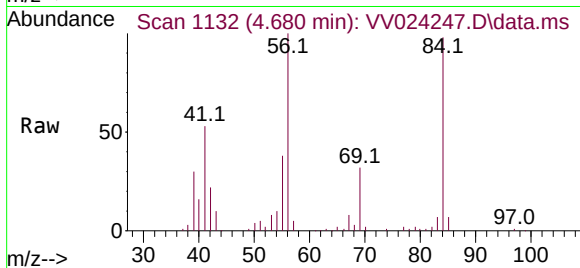
Tgt Ion: 56 Resp: 108573

Ion Ratio Lower Upper

56 100

69 32.8 25.8 38.6

84 100.5 79.1 118.7



#30

1,1,1-Trichloroethane

Concen: 50.163 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

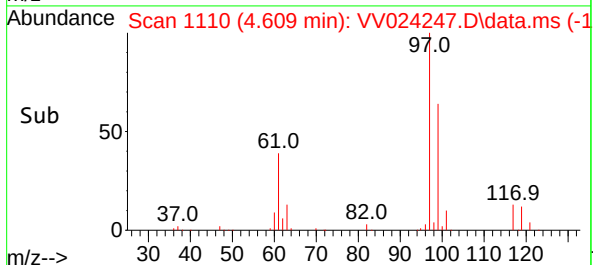
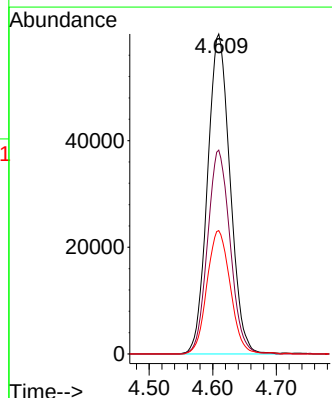
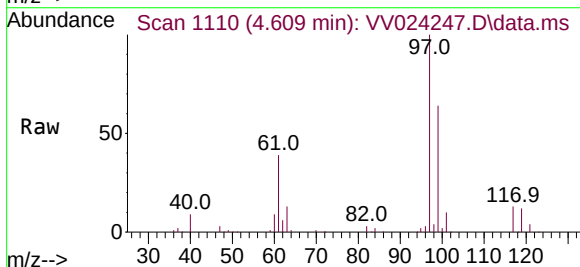
Tgt Ion: 97 Resp: 147958

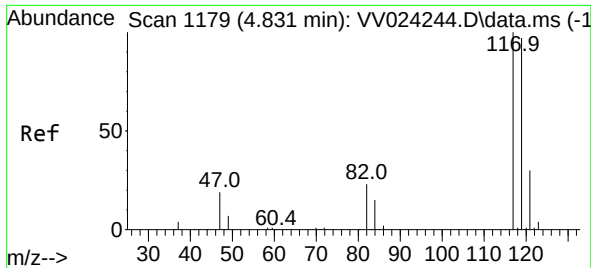
Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

61 39.6 33.2 49.8

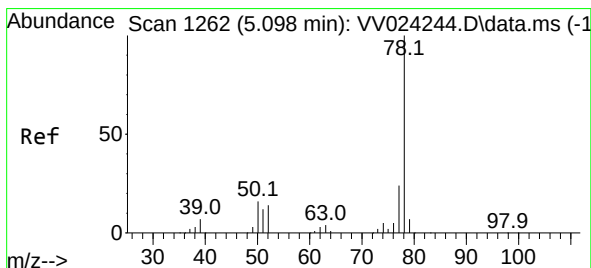
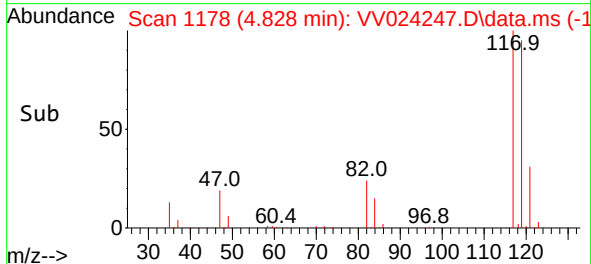
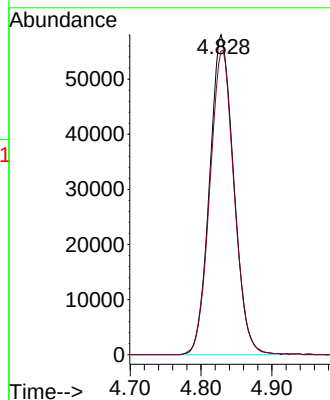
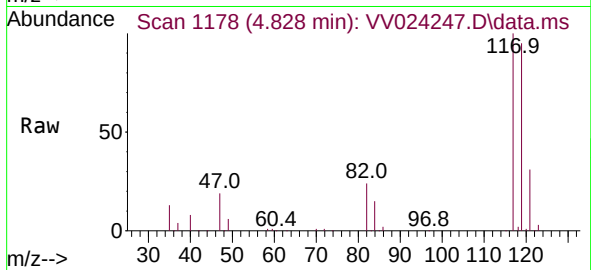




#31
Carbon tetrachloride
Concen: 50.216 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

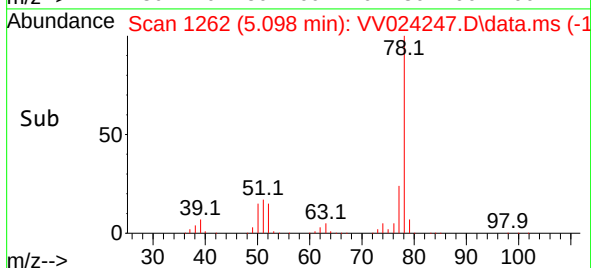
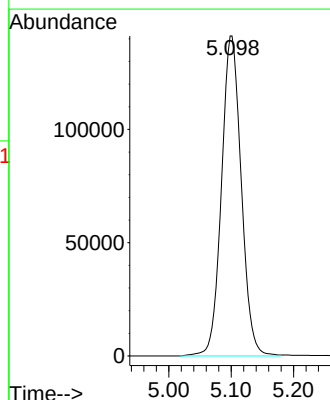
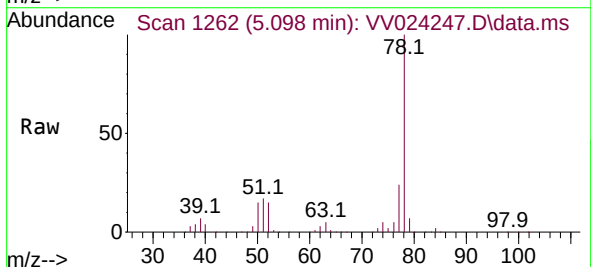
Instrument :
MSVOA_V
ClientSampleId :

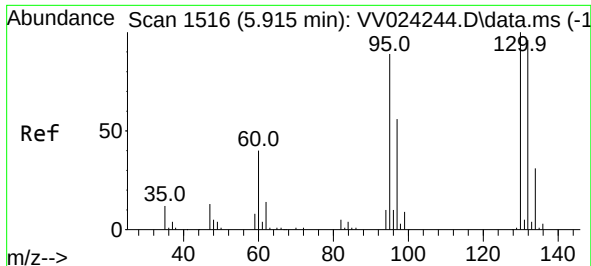
Tgt Ion:117 Resp: 137409
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#33
Benzene
Concen: 50.963 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion: 78 Resp: 310643

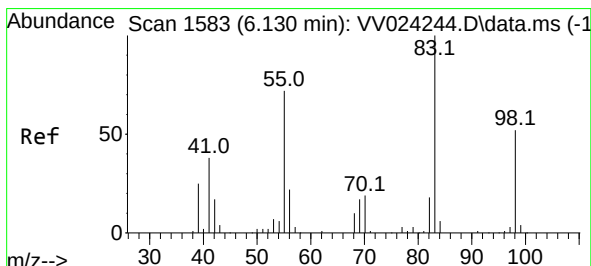
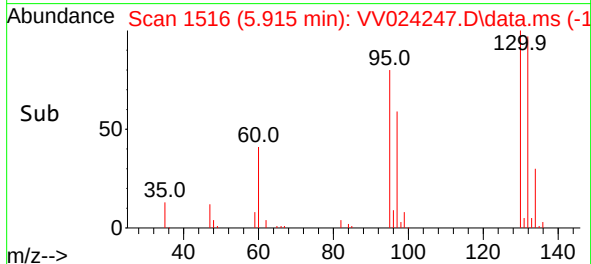
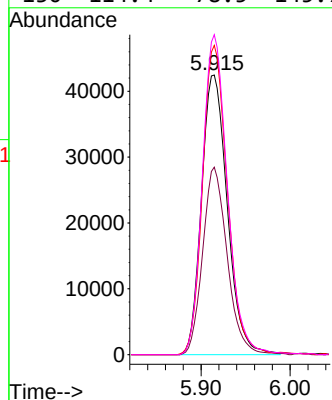
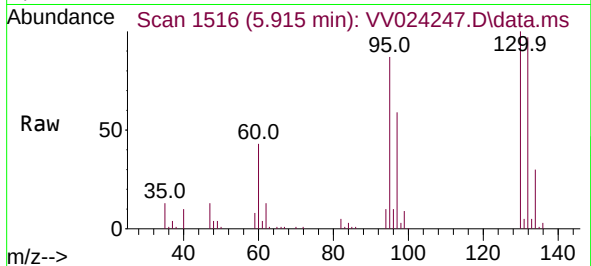




#34
Trichloroethene
Concen: 50.899 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

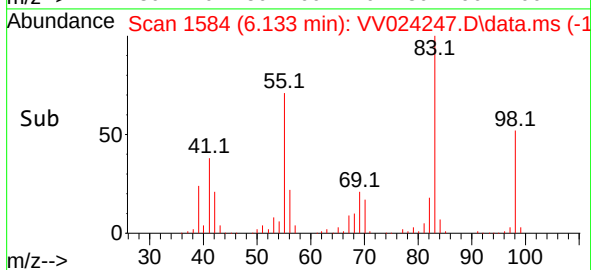
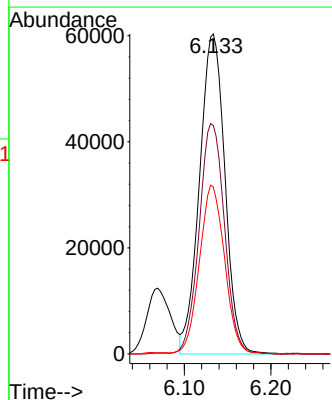
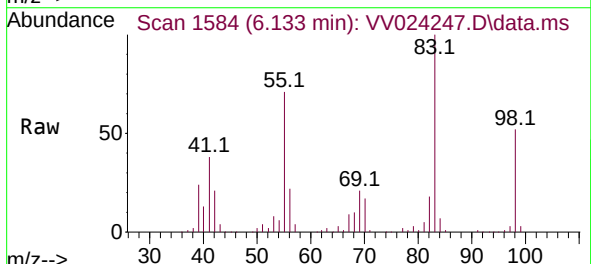
Instrument :
MSVOA_V
ClientSampleId :

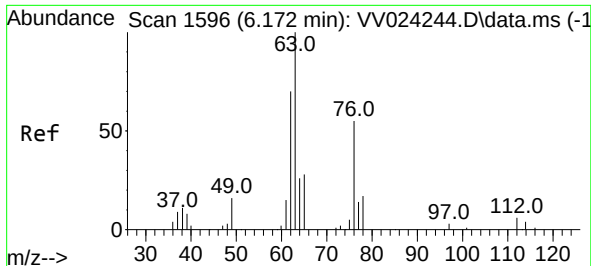
Tgt Ion: 95 Resp: 85556
Ion Ratio Lower Upper
95 100
97 67.0 44.1 81.9
132 110.5 75.1 139.5
130 114.4 78.5 145.7



#35
Methylcyclohexane
Concen: 49.425 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion: 83 Resp: 123212
Ion Ratio Lower Upper
83 100
55 71.9 55.6 83.4
98 51.9 41.3 61.9

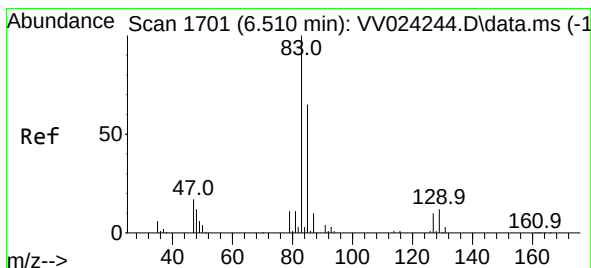
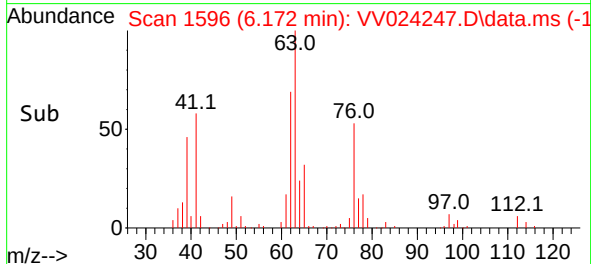
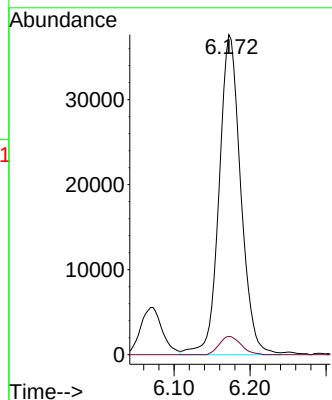
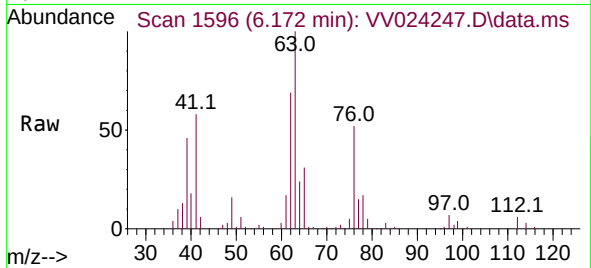




#37
1,2-Dichloropropane
Concen: 51.906 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

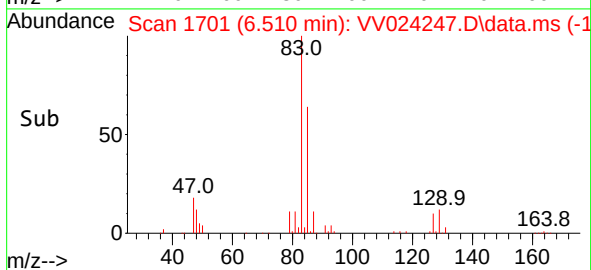
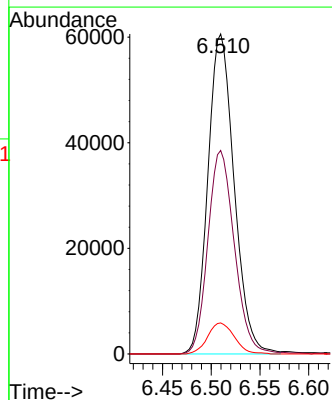
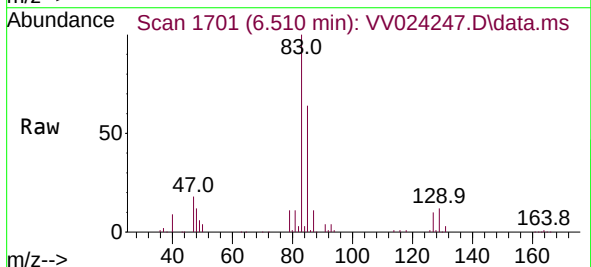
Instrument :
MSVOA_V
ClientSampleId :

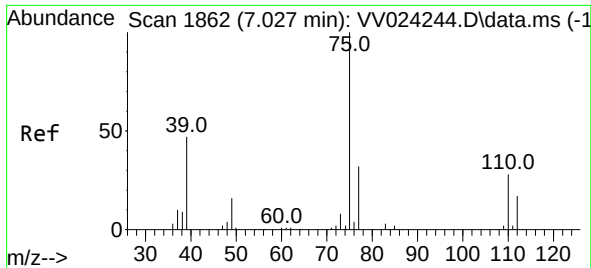
Tgt Ion: 63 Resp: 74418
Ion Ratio Lower Upper
63 100
112 5.7 4.7 7.1



#38
Bromodichloromethane
Concen: 50.566 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion: 83 Resp: 113764
Ion Ratio Lower Upper
83 100
85 63.6 45.2 84.0
127 9.7 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 50.276 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Instrument :

MSVOA_V

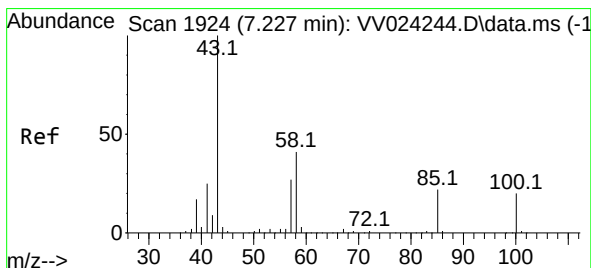
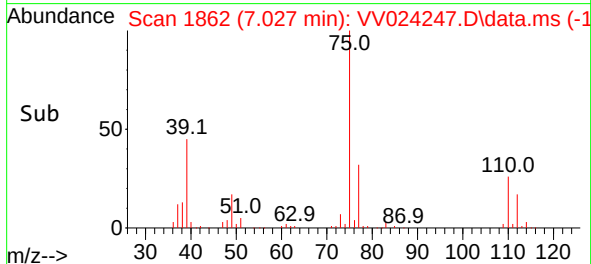
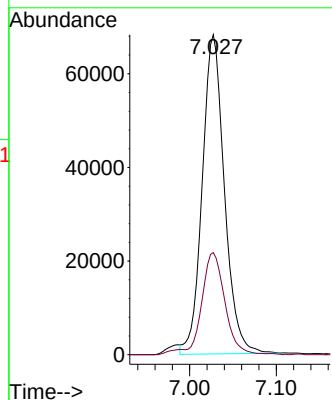
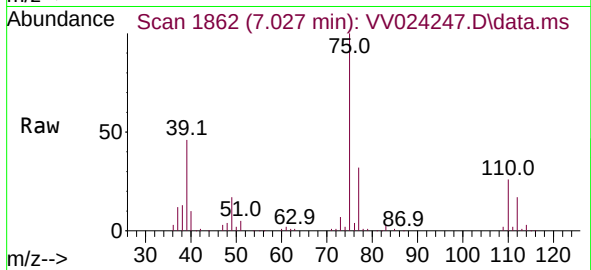
ClientSampleId :

Tgt Ion: 75 Resp: 121167

Ion Ratio Lower Upper

75 100

77 31.9 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 103.530 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

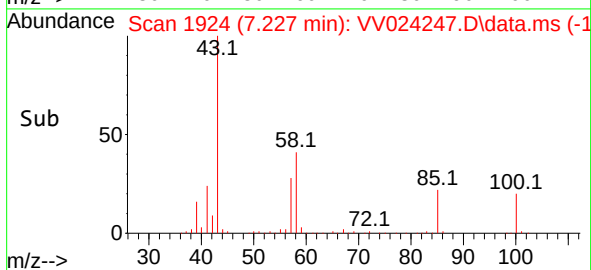
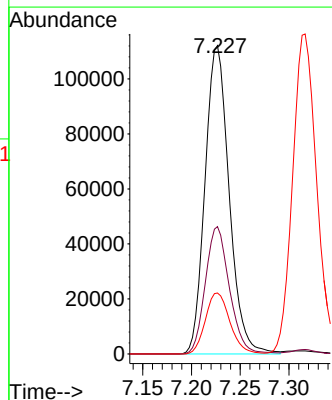
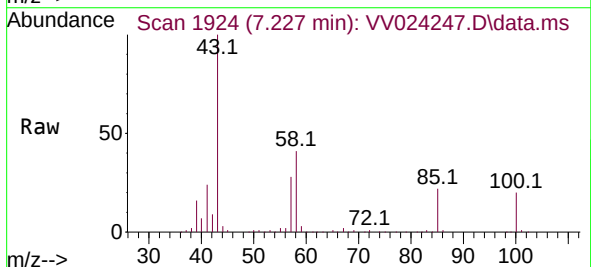
Tgt Ion: 43 Resp: 193554

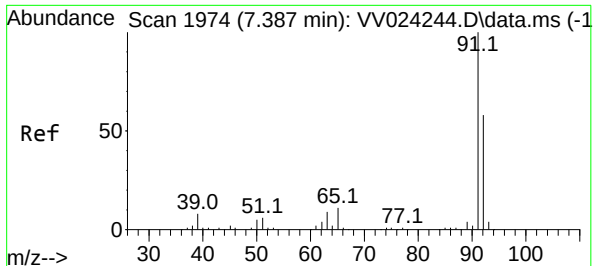
Ion Ratio Lower Upper

43 100

58 41.1 33.0 49.4

100 20.1 16.0 24.0





#42

Toluene

Concen: 51.582 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Instrument :

MSVOA_V

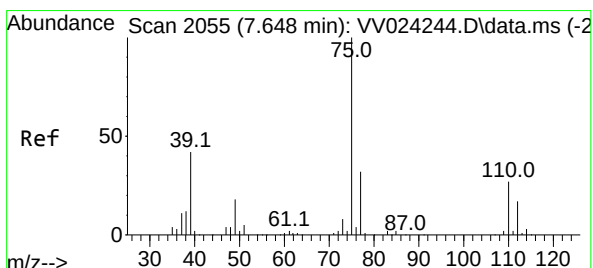
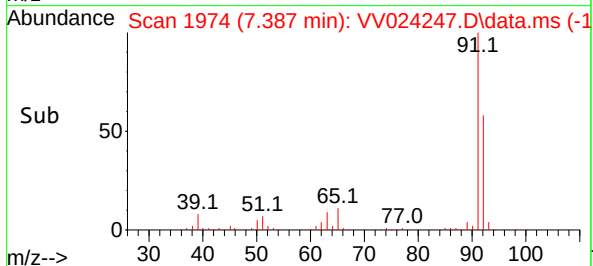
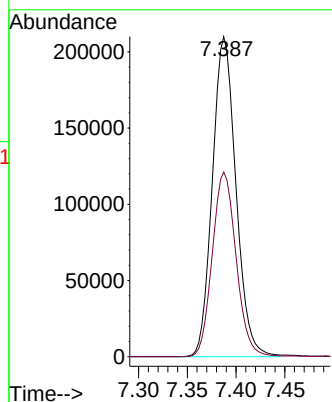
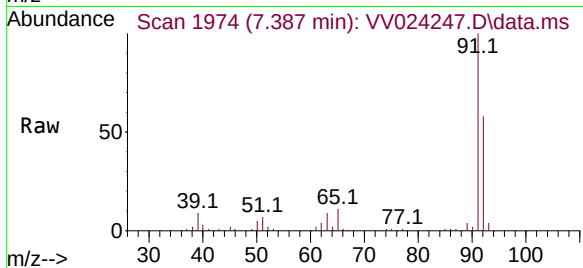
ClientSampleId :

Tgt Ion: 91 Resp: 352941

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 51.920 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024247.D

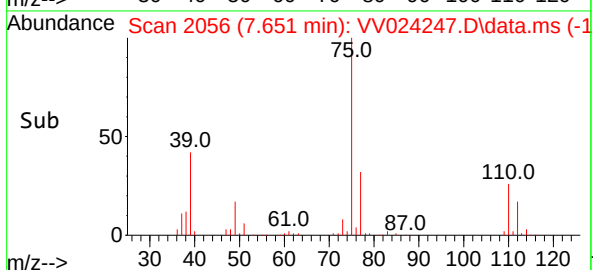
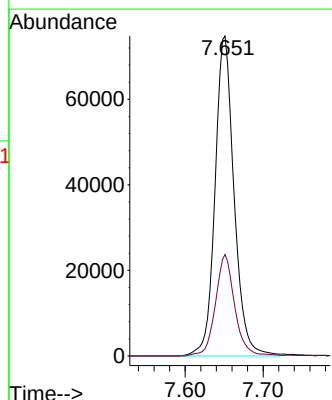
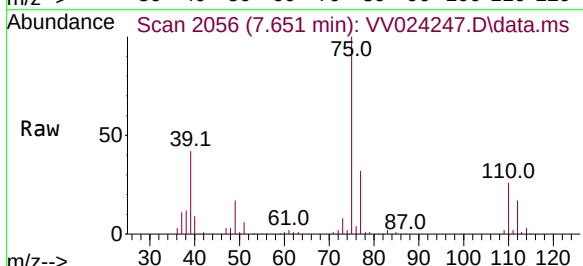
Acq: 30 Dec 2021 21:28

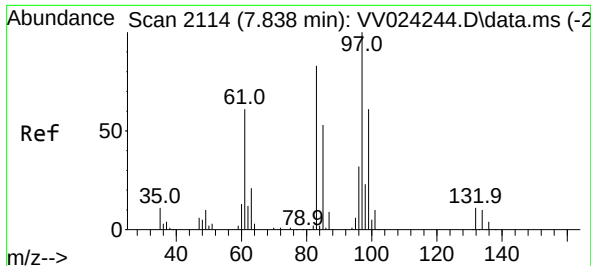
Tgt Ion: 75 Resp: 126932

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 50.055 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 80451

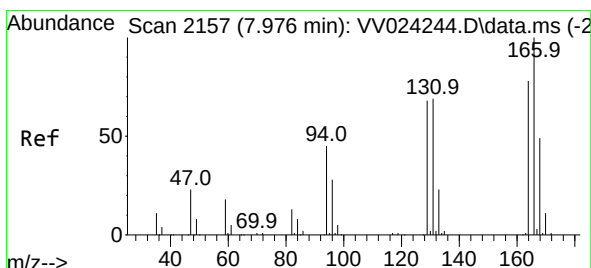
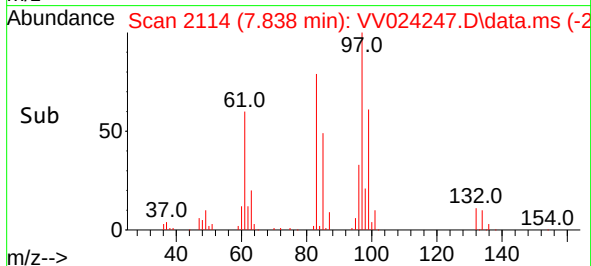
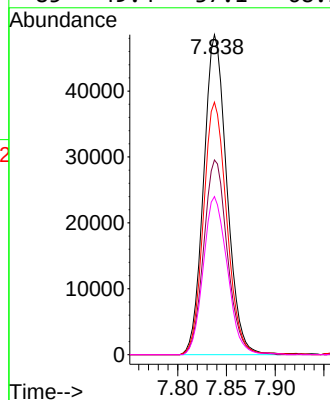
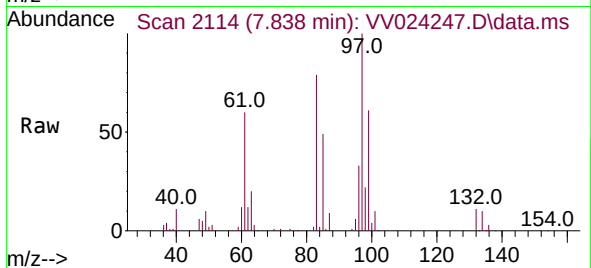
Ion Ratio Lower Upper

97 100

99 60.9 42.4 78.8

83 78.9 57.9 107.5

85 49.4 37.1 68.9



#46

Tetrachloroethene

Concen: 50.929 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Tgt Ion:164 Resp: 77918

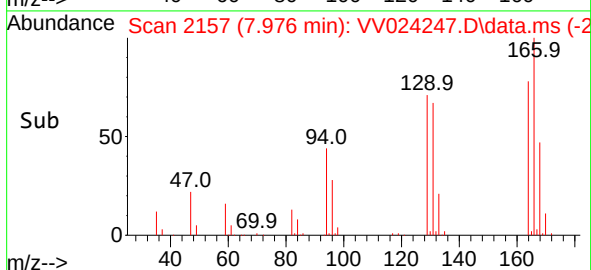
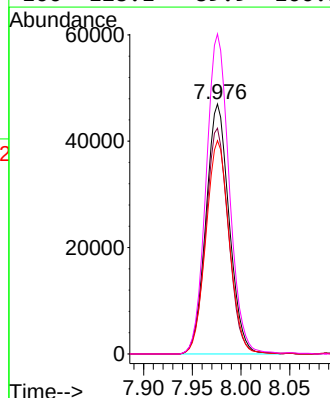
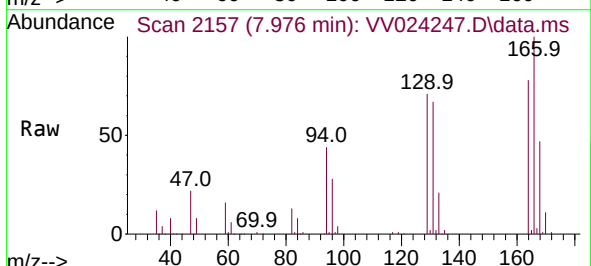
Ion Ratio Lower Upper

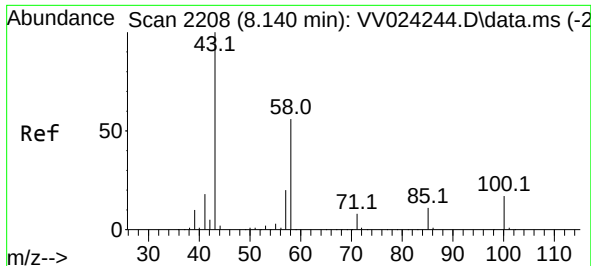
164 100

129 90.3 61.5 114.1

131 85.4 62.2 115.4

166 128.1 89.9 166.9

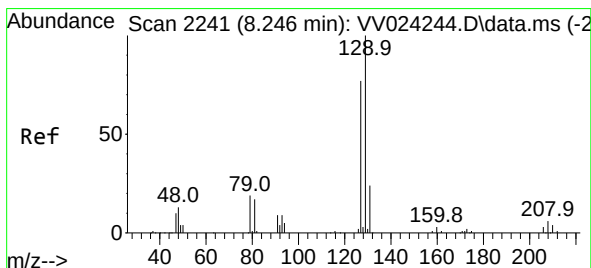
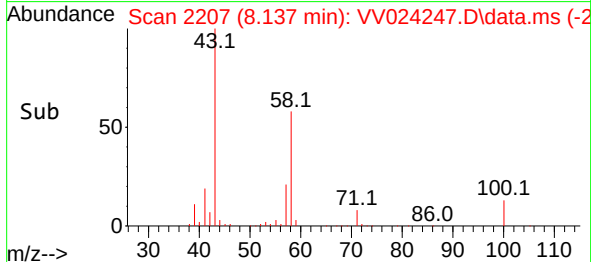
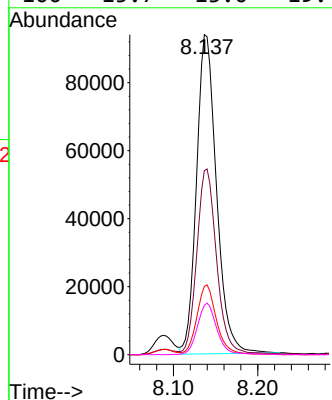
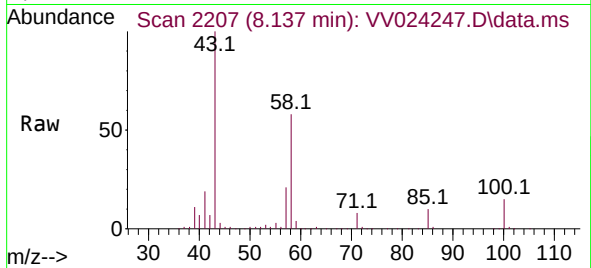




#48
2-Hexanone
Concen: 103.450 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

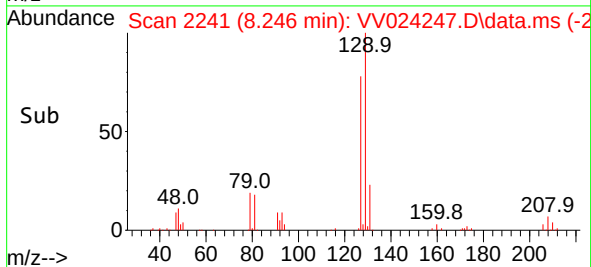
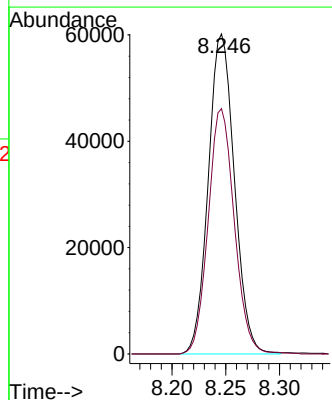
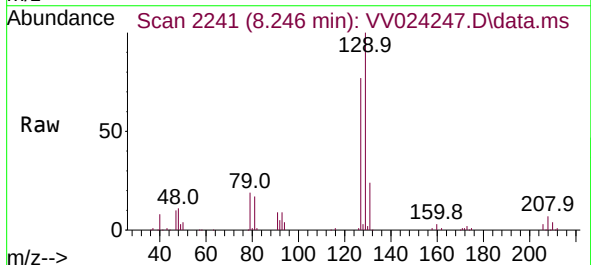
Instrument :
MSVOA_V
ClientSampleId :

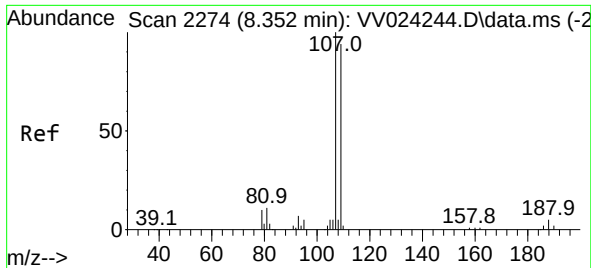
Tgt Ion: 43 Resp: 155341
Ion Ratio Lower Upper
43 100
58 56.1 45.0 67.4
57 21.1 16.9 25.3
100 15.7 13.0 19.4



#49
Dibromochloromethane
Concen: 50.498 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion:129 Resp: 101736
Ion Ratio Lower Upper
129 100
127 76.7 53.7 99.7

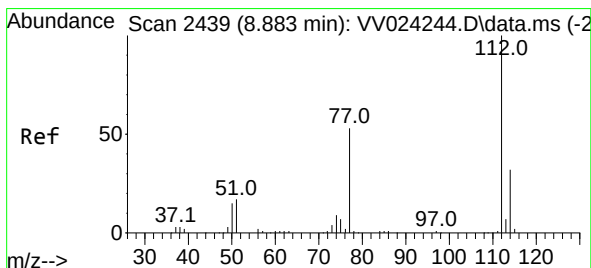
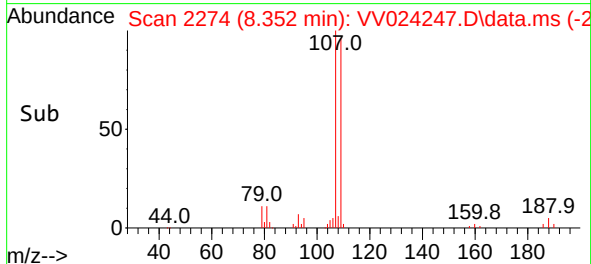
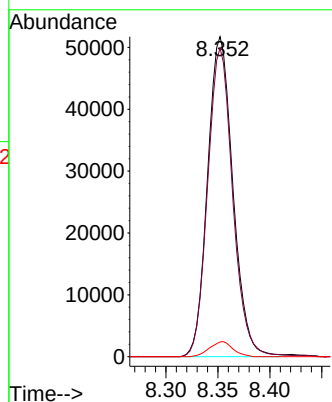
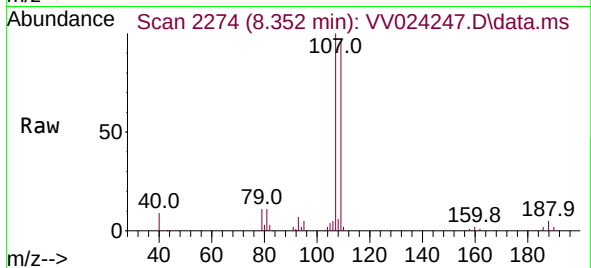




#50
1,2-Dibromoethane
Concen: 50.850 ug/L
RT: 8.352 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

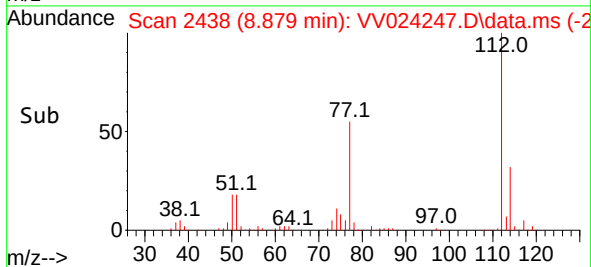
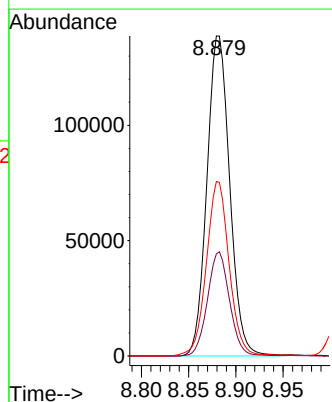
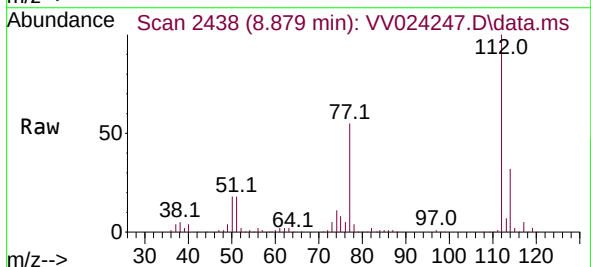
Instrument :
MSVOA_V
ClientSampleId :

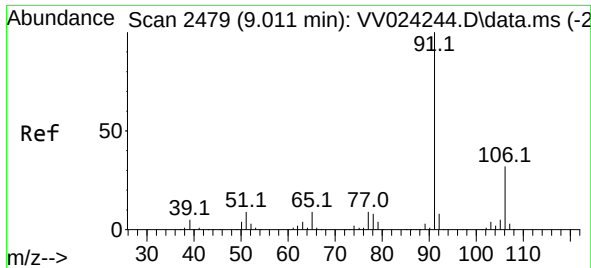
Tgt Ion:107 Resp: 87784
Ion Ratio Lower Upper
107 100
109 96.5 65.8 122.2
188 4.6 3.8 5.6



#51
Chlorobenzene
Concen: 50.588 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion:112 Resp: 233139
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 54.5 42.8 64.2

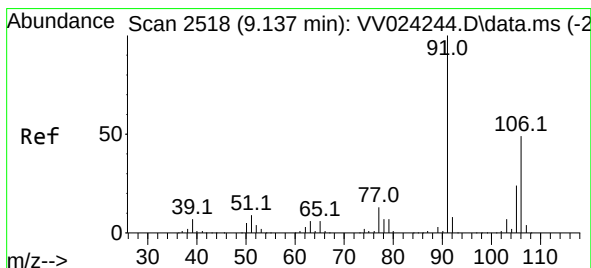
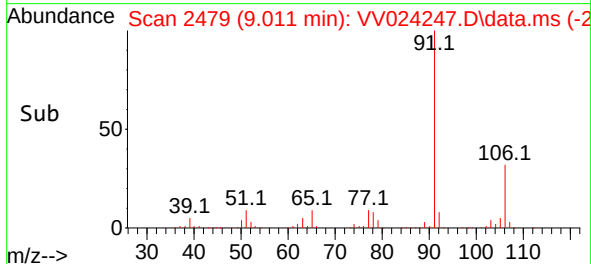
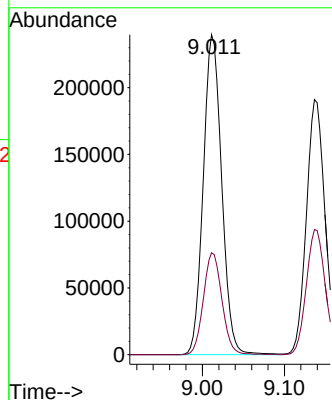
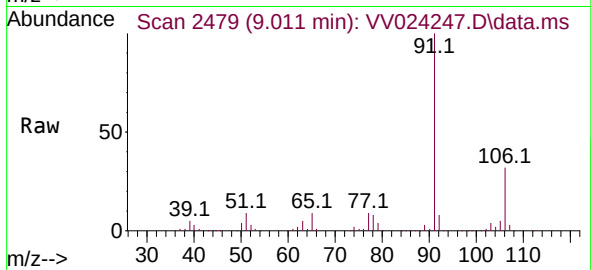




#52
Ethylbenzene
Concen: 51.089 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

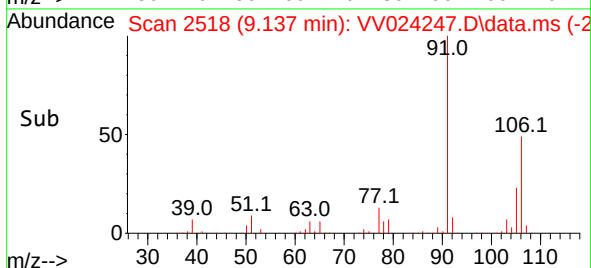
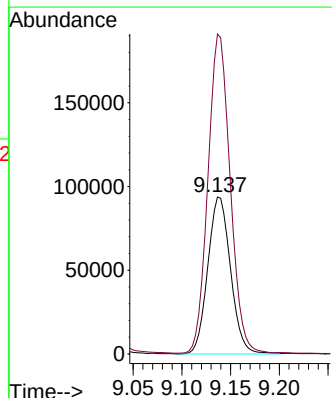
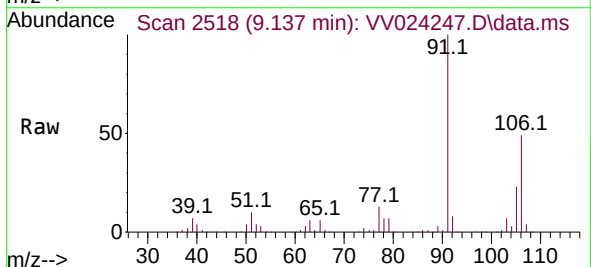
Instrument :
MSVOA_V
ClientSampleId :

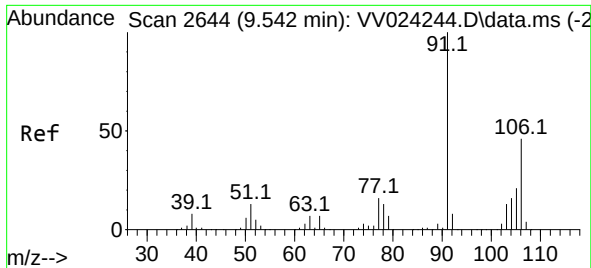
Tgt Ion: 91 Resp: 373448
Ion Ratio Lower Upper
91 100
106 31.9 22.0 41.0



#53
m,p-Xylene
Concen: 51.902 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion: 106 Resp: 152072
Ion Ratio Lower Upper
106 100
91 203.9 141.8 263.4

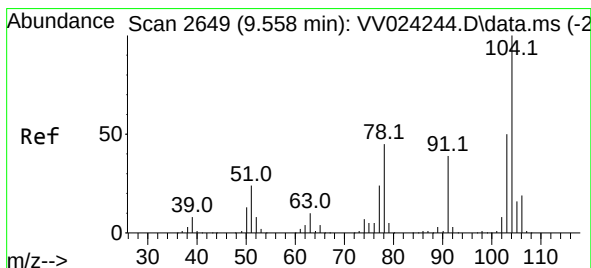
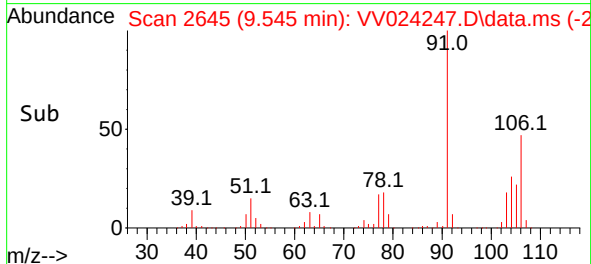
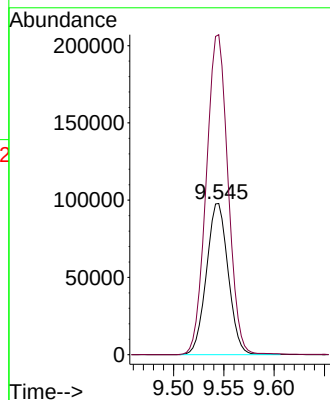
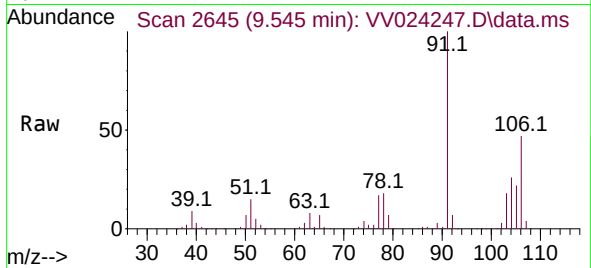




#54
o-Xylene
Concen: 52.597 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

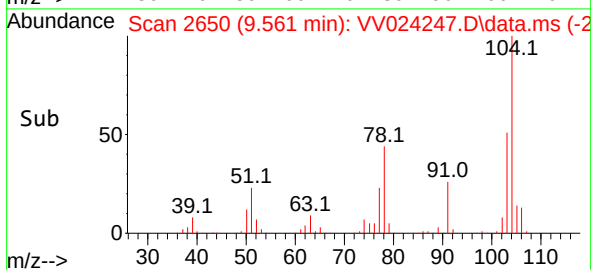
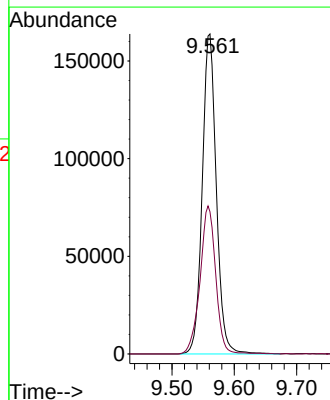
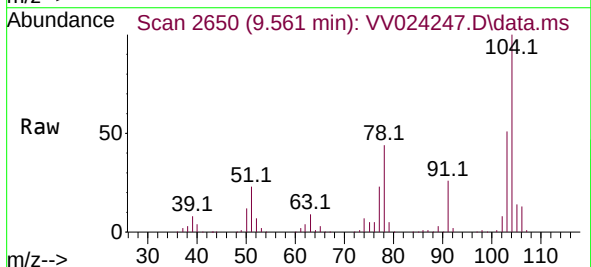
Instrument :
MSVOA_V
ClientSampleId :

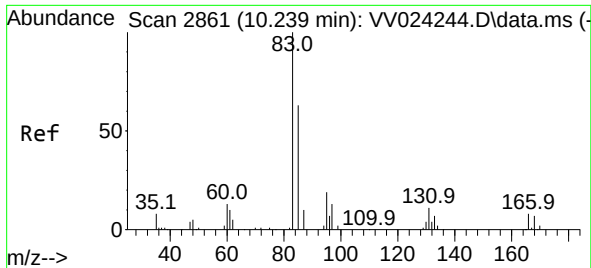
Tgt Ion:106 Resp: 147111
Ion Ratio Lower Upper
106 100
91 211.7 150.9 280.3



#55
Styrene
Concen: 52.921 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion:104 Resp: 257046
Ion Ratio Lower Upper
104 100
78 44.5 31.5 58.5

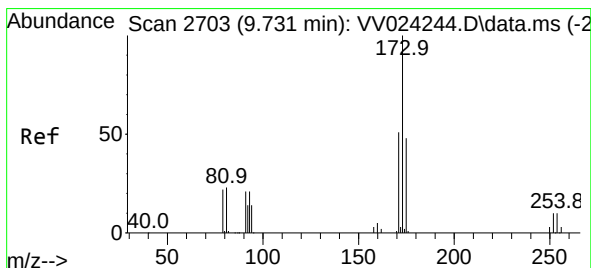
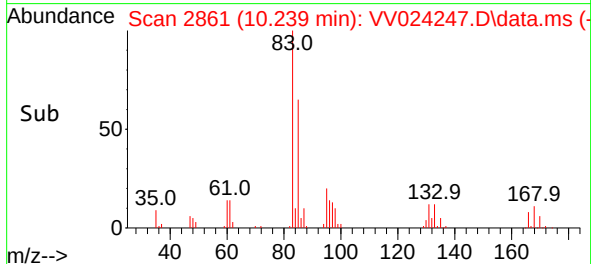
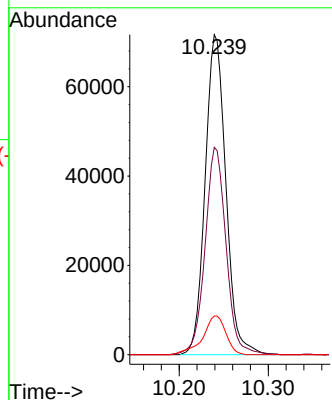
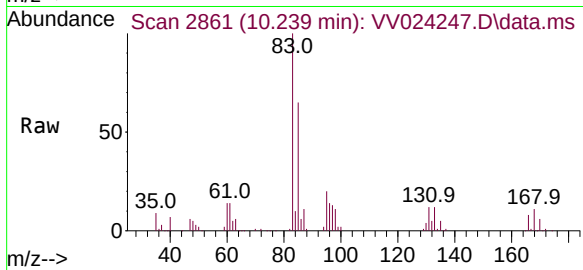




#57
 1,1,2,2-Tetrachloroethane
 Concen: 49.296 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

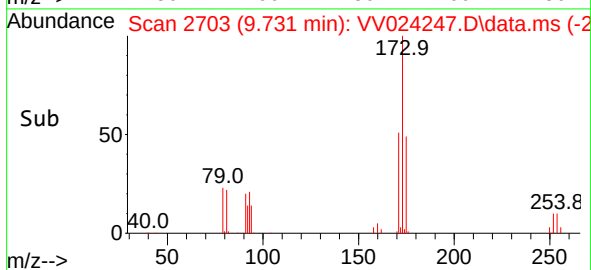
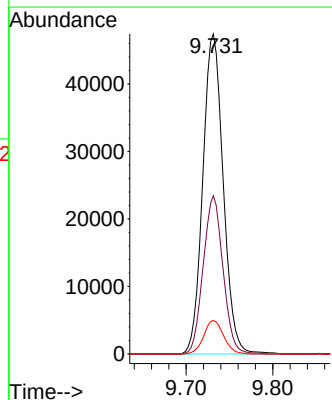
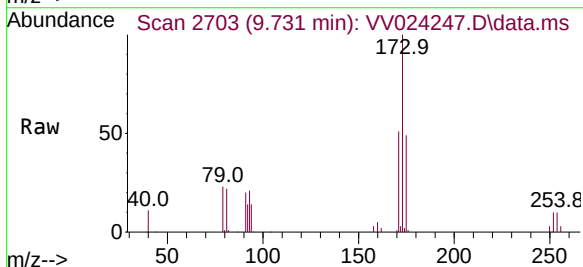
Instrument :
 MSVOA_V
 ClientSampleId :

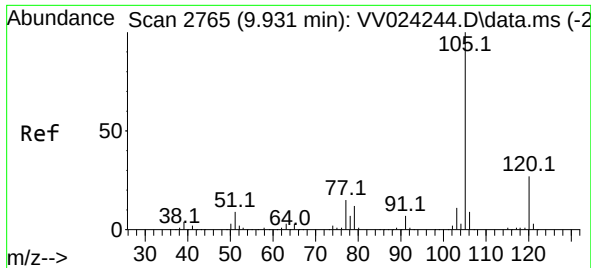
Tgt Ion: 83 Resp: 115693
 Ion Ratio Lower Upper
 83 100
 85 64.8 44.5 82.7
 131 12.1 9.2 13.8



#59
 Bromoform
 Concen: 50.455 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

Tgt Ion: 173 Resp: 77515
 Ion Ratio Lower Upper
 173 100
 175 47.8 39.4 59.2
 254 10.2 7.8 11.6

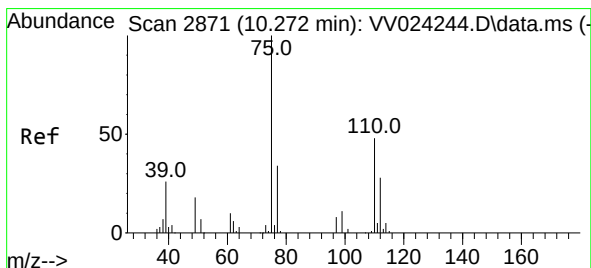
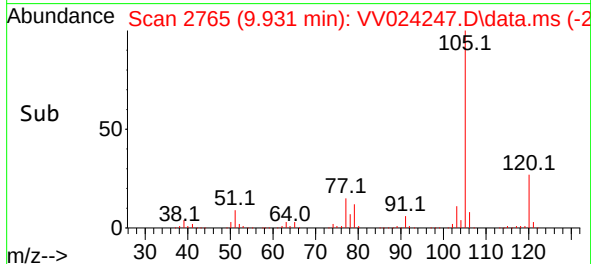
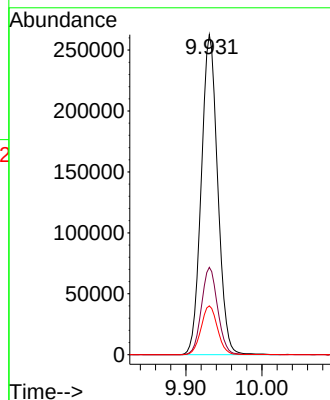
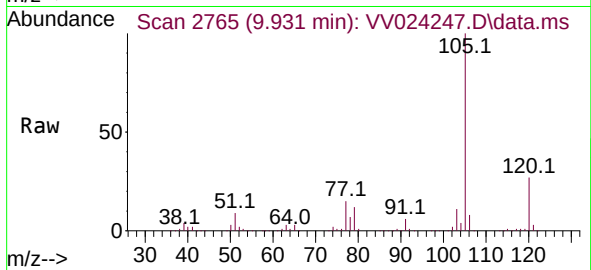




#60
Isopropylbenzene
Concen: 52.671 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

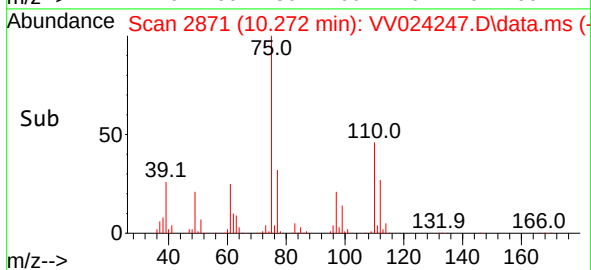
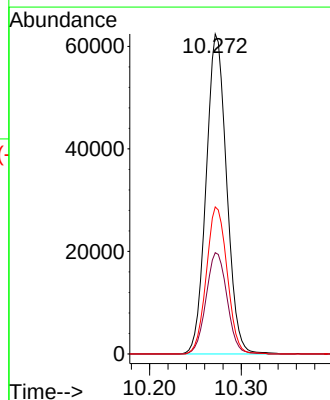
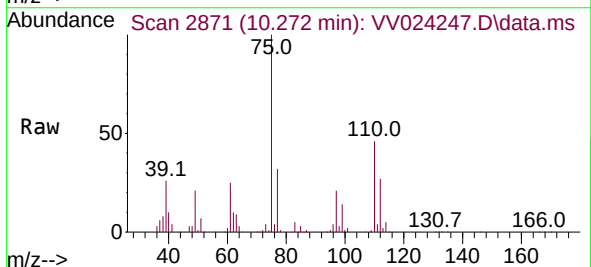
Instrument :
MSVOA_V
ClientSampleId :

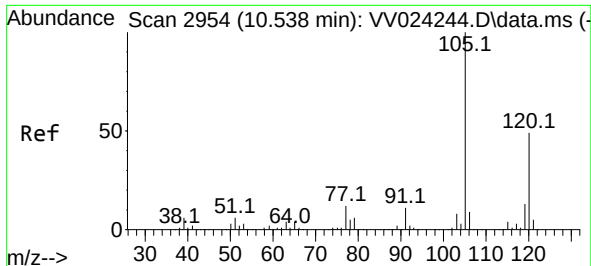
Tgt Ion:105 Resp: 392681
Ion Ratio Lower Upper
105 100
120 27.0 21.9 32.9
77 15.3 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 48.958 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024247.D
Acq: 30 Dec 2021 21:28

Tgt Ion: 75 Resp: 96858
Ion Ratio Lower Upper
75 100
77 32.4 26.9 40.3
110 46.5 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 53.152 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Instrument :

MSVOA_V

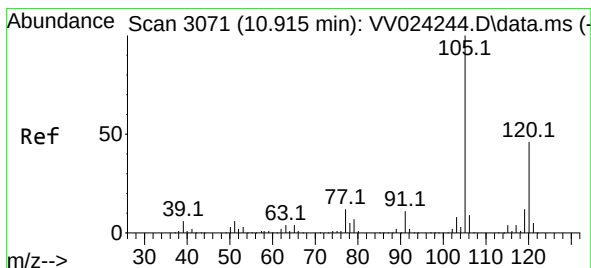
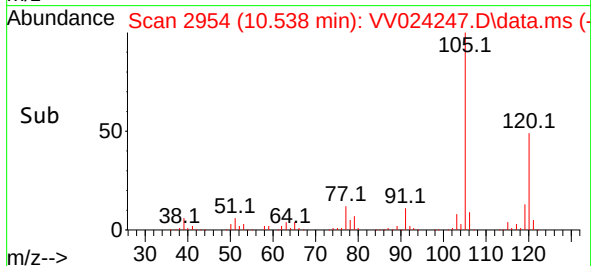
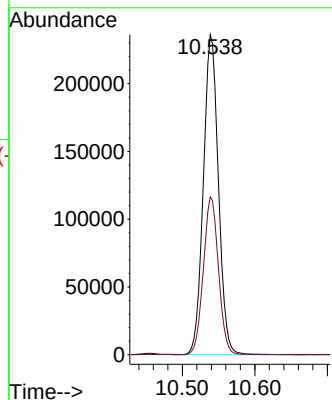
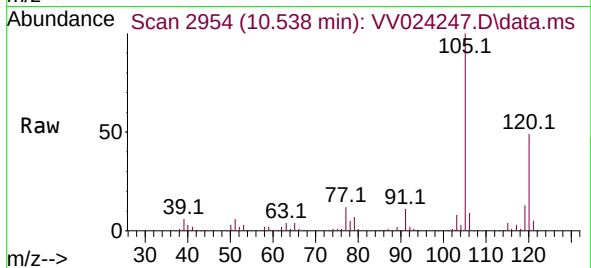
ClientSampleId :

Tgt Ion:105 Resp: 340867

Ion Ratio Lower Upper

105 100

120 49.5 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 53.066 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV024247.D

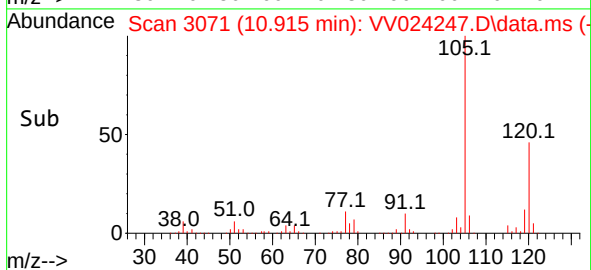
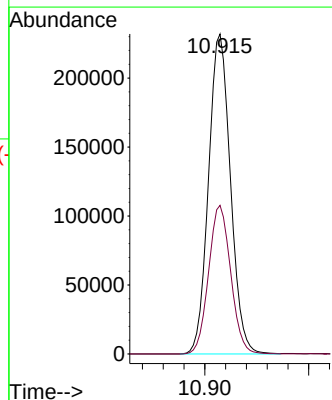
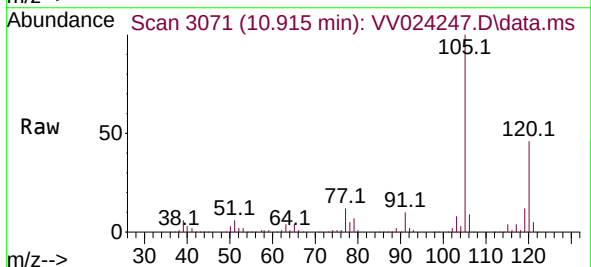
Acq: 30 Dec 2021 21:28

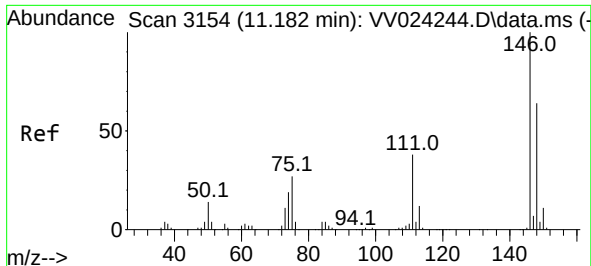
Tgt Ion:105 Resp: 339750

Ion Ratio Lower Upper

105 100

120 46.8 36.6 55.0

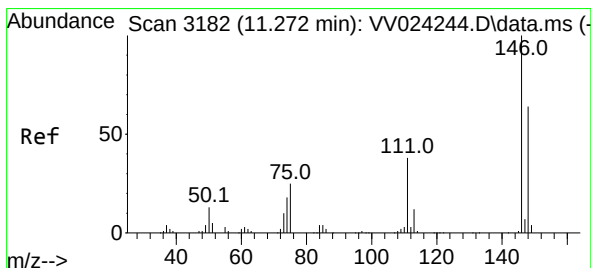
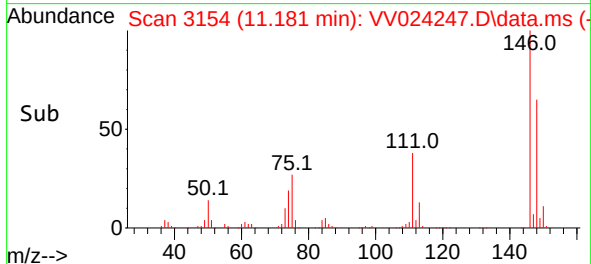
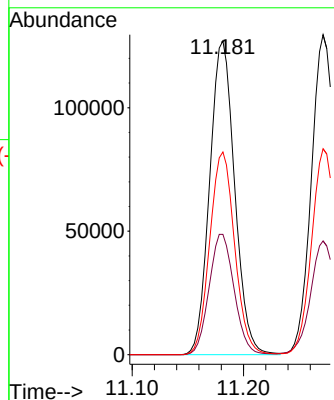
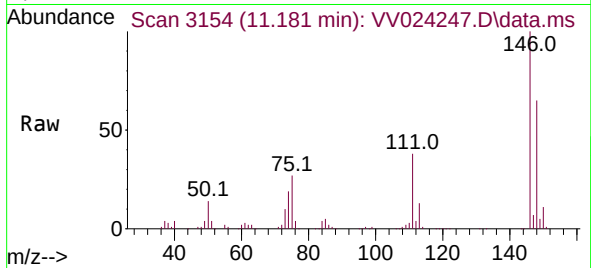




#64
 1,3-Dichlorobenzene
 Concen: 51.487 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

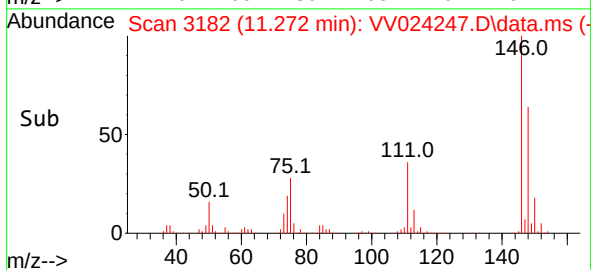
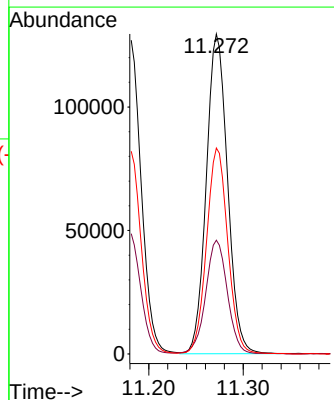
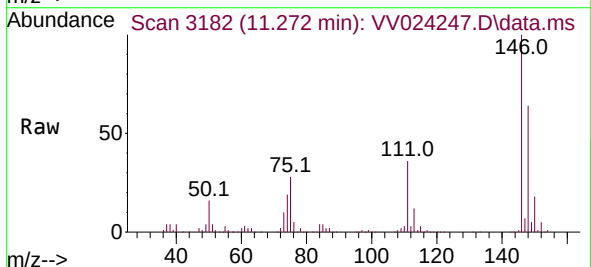
Instrument :
 MSVOA_V
 ClientSampleId :

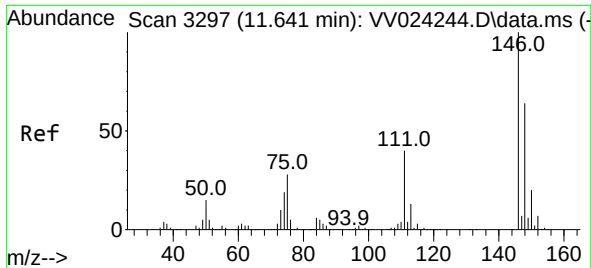
Tgt Ion:146 Resp: 197918
 Ion Ratio Lower Upper
 146 100
 111 38.3 26.5 49.3
 148 64.6 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 50.961 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

Tgt Ion:146 Resp: 202025
 Ion Ratio Lower Upper
 146 100
 111 35.5 26.5 49.3
 148 64.4 44.9 83.5

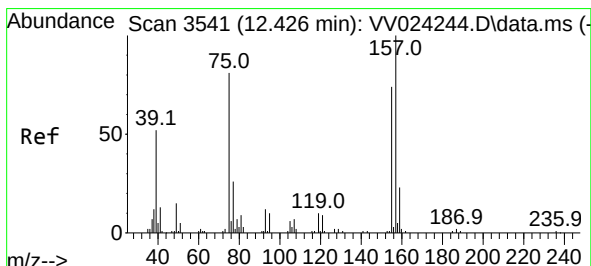
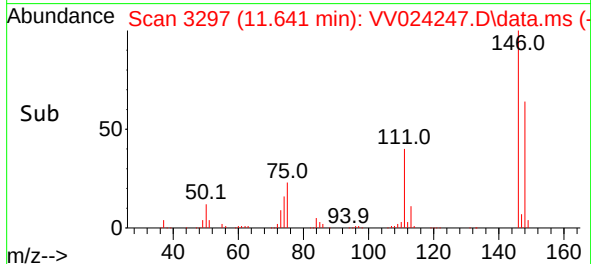
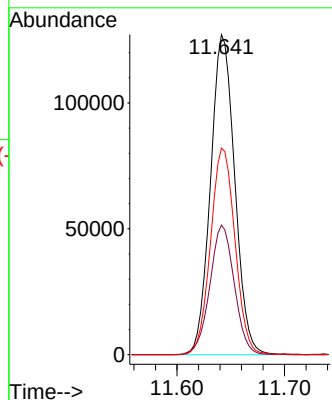
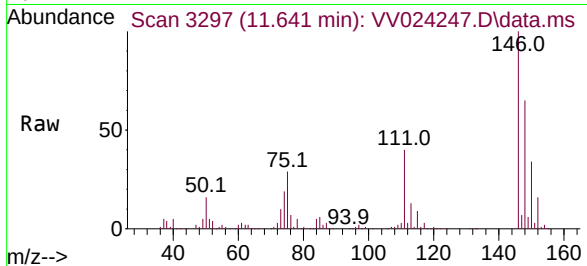




#67
 1,2-Dichlorobenzene
 Concen: 50.170 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

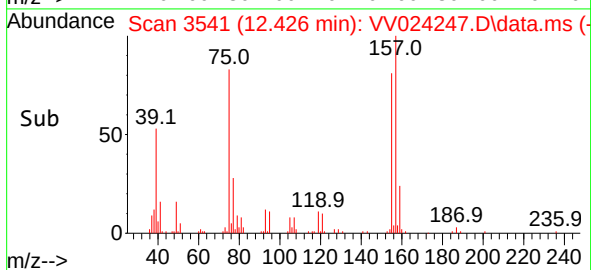
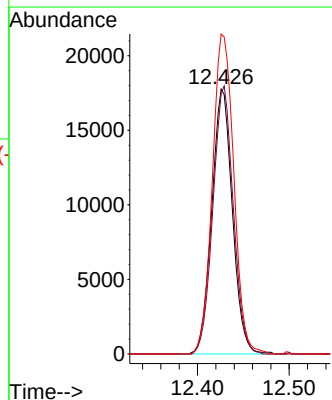
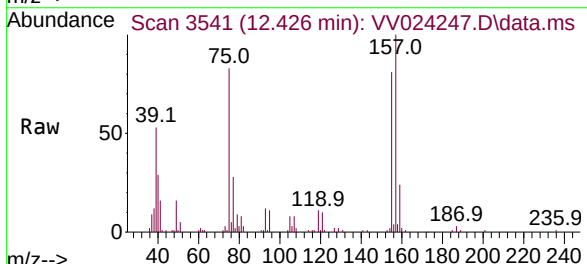
Instrument :
 MSVOA_V
 ClientSampleId :

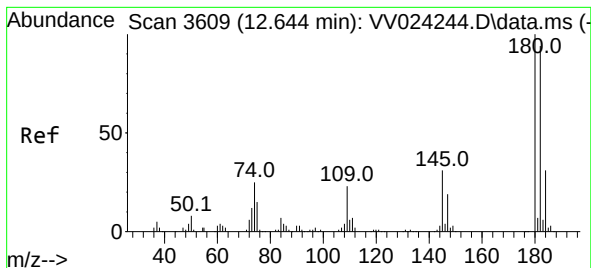
Tgt Ion:146 Resp: 198764
 Ion Ratio Lower Upper
 146 100
 111 40.5 32.0 48.0
 148 64.6 51.6 77.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 48.818 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV024247.D
 Acq: 30 Dec 2021 21:28

Tgt Ion: 75 Resp: 27816
 Ion Ratio Lower Upper
 75 100
 155 98.2 73.2 109.8
 157 120.7 98.5 147.7





#69

1,3,5-Trichlorobenzene

Concen: 51.763 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

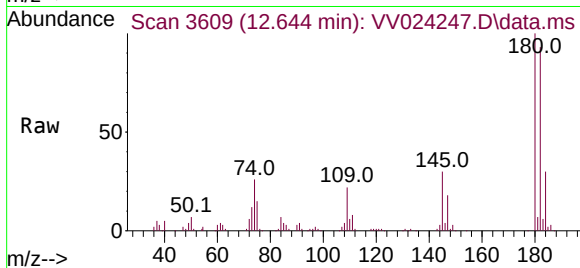
Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 153053

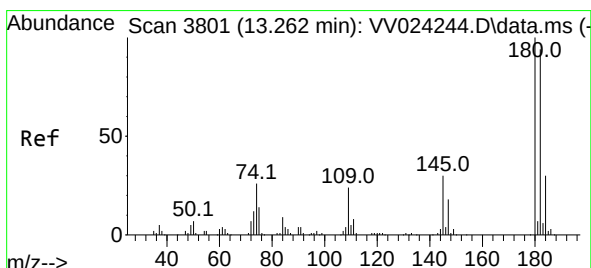
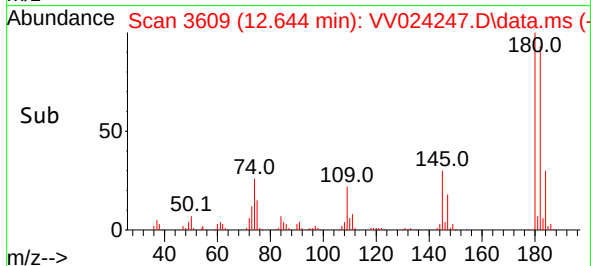
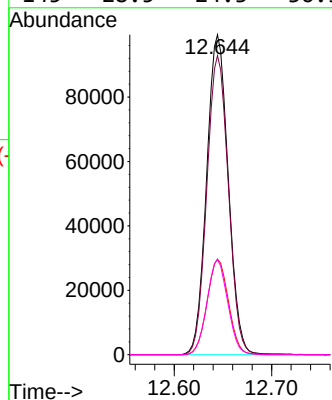
Ion Ratio Lower Upper

180 100

182 93.0 75.4 113.2

184 29.4 24.7 37.1

145 28.5 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 51.650 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

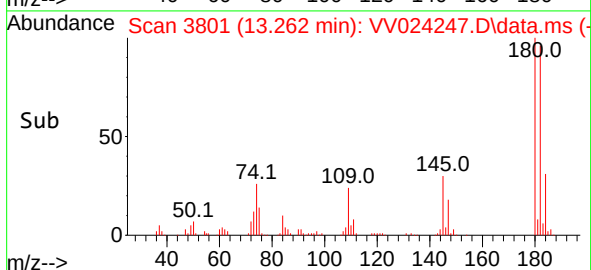
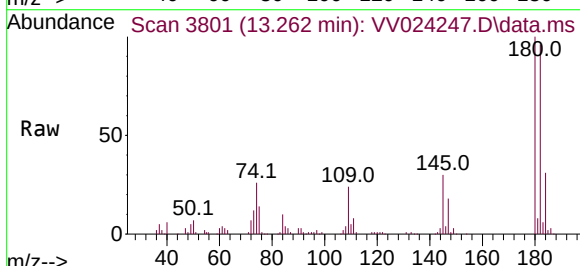
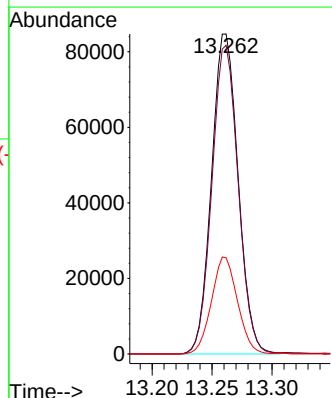
Tgt Ion:180 Resp: 130609

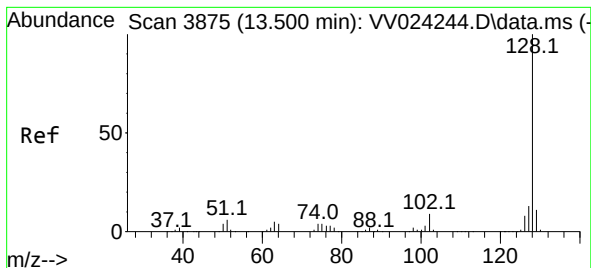
Ion Ratio Lower Upper

180 100

182 95.5 75.6 113.4

145 29.6 23.9 35.9





#71

Naphthalene

Concen: 54.003 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Instrument :

MSVOA_V

ClientSampleId :

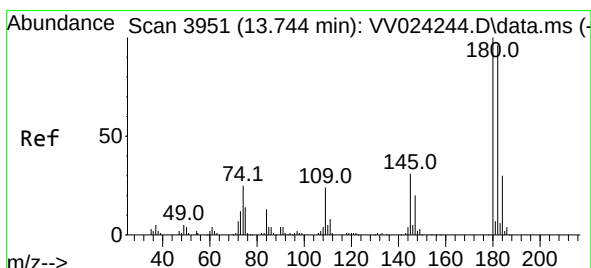
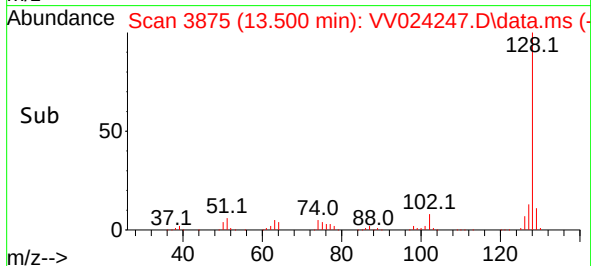
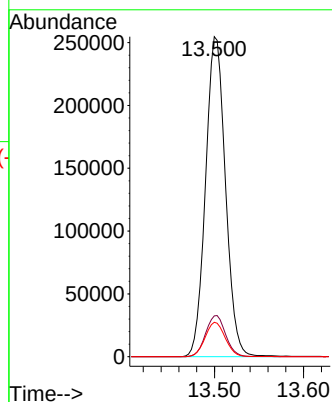
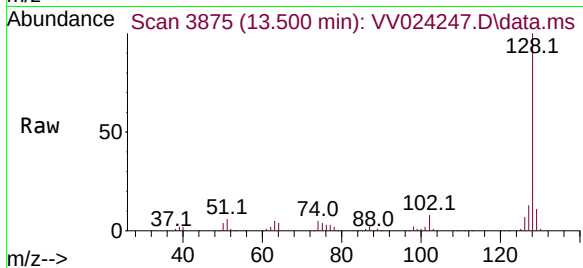
Tgt Ion:128 Resp: 395094

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.164 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV024247.D

Acq: 30 Dec 2021 21:28

Tgt Ion:180 Resp: 138945

Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 31.3 25.0 37.4

