

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024173.D
 Acq On : 27 Dec 2021 11:25
 Operator : SY/MD
 Sample : VSTD00166
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 28 04:49:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 04:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	117011	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	122708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	7438	1.086	ug/L	0.00
7) Chloroethane-d5	1.568	69	6371	1.111	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	18791	1.335	ug/L	0.00
20) 2-Butanone-d5	3.969	46	1235	1.005	ug/L	0.05
24) Chloroform-d	4.355	84	15514	1.019	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	6925	0.978	ug/L	0.00
32) Benzene-d6	5.053	84	26737	1.012	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	7430	0.960	ug/L	0.00
41) Toluene-d8	7.317	98	25795	1.058	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2979	0.923	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	7025	5.176	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	5161	0.838	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	10294	1.035	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	22524	1.666	ug/L	99
3) Chloromethane	1.240	50	19583	1.797	ug/L	98
5) Vinyl chloride	1.310	62	19485	1.681	ug/L	98
6) Bromomethane	1.523	94	12408	1.687	ug/L	98
8) Chloroethane	1.584	64	11658	1.604	ug/L	90
9) Trichlorofluoromethane	1.754	101	29717	1.510	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	13906	1.370	ug/L	99
12) 1,1-Dichloroethene	2.117	96	15012	1.594	ug/L	89
13) Acetone	2.214	43	9252	8.851	ug/L	89
14) Carbon disulfide	2.294	76	48315	1.712	ug/L	99
15) Methyl Acetate	2.455	43	2756	1.056	ug/L #	88
16) Methylene chloride	2.510	84	17513	1.508	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	29848	1.460	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	15983	1.559	ug/L	97
19) 1,1-Dichloroethane	3.191	63	27805	1.553	ug/L	100
21) 2-Butanone	4.021	43	13186	8.835	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	15796	1.498	ug/L	89
23) Bromochloromethane	4.252	128	7556	1.543	ug/L	93
25) Chloroform	4.375	83	31016	1.555	ug/L	98
27) 1,2-Dichloroethane	5.137	62	16673	1.513	ug/L #	91
29) 1,1,1-Trichloroethane	4.609	97	29356	1.568	ug/L	99
30) Cyclohexane	4.677	56	17607	1.193	ug/L	94
31) Carbon tetrachloride	4.828	117	27027	1.530	ug/L	97
33) Benzene	5.101	78	61664	1.530	ug/L	100
34) Trichloroethene	5.915	95	17623	1.560	ug/L	97
35) Methylcyclohexane	6.130	83	19808	1.178	ug/L	93
37) 1,2-Dichloropropane	6.172	63	14048	1.478	ug/L	98
38) Bromodichloromethane	6.513	83	19295	1.431	ug/L	94
39) cis-1,3-Dichloropropene	7.030	75	18694	1.342	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	63016	13.846	ug/L	97
42) Toluene	7.387	91	66721	1.467	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	15955	1.308	ug/L	96

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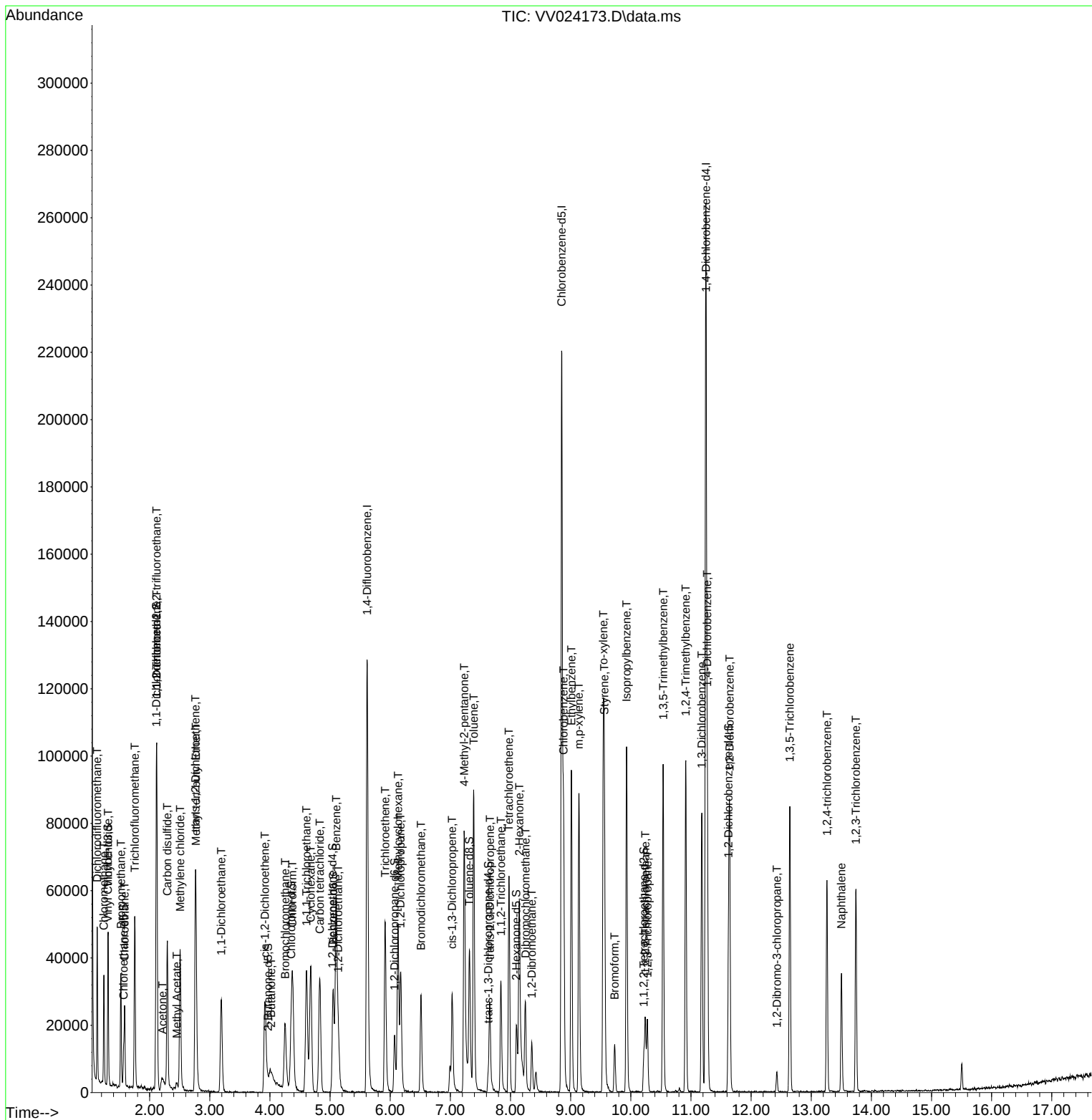
Quant Time: Dec 28 04:49:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 04:49:05 2021
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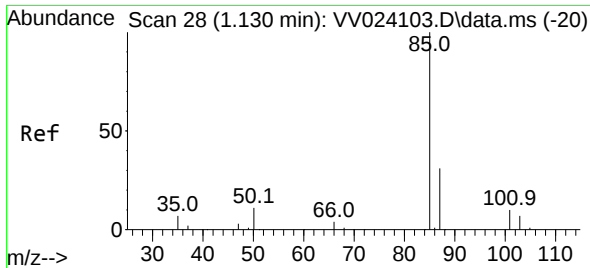
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	10611	1.516	ug/L	98
47) Tetrachloroethene	7.976	164	15227	1.526	ug/L	98
48) 2-Hexanone	8.146	43	45058	13.686	ug/L	100
49) Dibromochloromethane	8.249	129	13875	1.461	ug/L	99
50) 1,2-Dibromoethane	8.355	107	9689	1.475	ug/L	100
51) Chlorobenzene	8.882	112	45374	1.513	ug/L	99
52) Ethylbenzene	9.011	91	66452	1.394	ug/L	98
53) m,p-xylene	9.136	106	26615	1.397	ug/L	97
54) o-xylene	9.545	106	25073	1.376	ug/L	99
55) Styrene	9.561	104	42146	1.375	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	9508	1.281	ug/L #	97
59) Bromoform	9.731	173	7211	1.444	ug/L	94
60) Isopropylbenzene	9.931	105	65084	1.380	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	8223	1.517	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	52288	1.326	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	53485	1.348	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	36789	1.519	ug/L	94
65) 1,4-Dichlorobenzene	11.271	146	36447	1.508	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	33454	1.521	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	1629	1.423	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	27084	1.365	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	20995	1.365	ug/L	99
71) Naphthalene	13.503	128	28642	1.276	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	18409	1.348	ug/L	98

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

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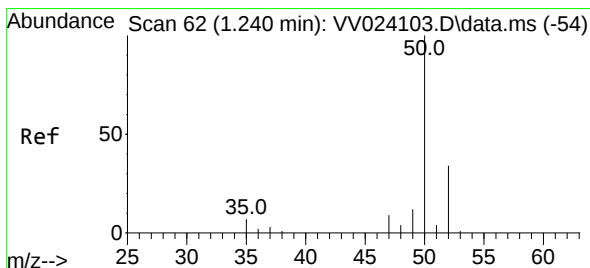
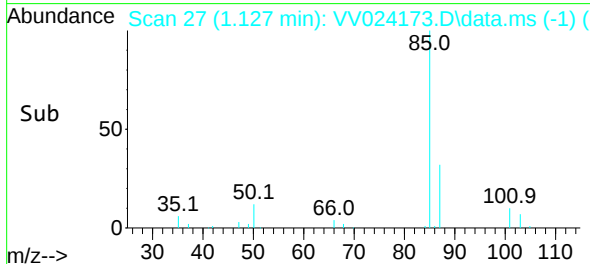
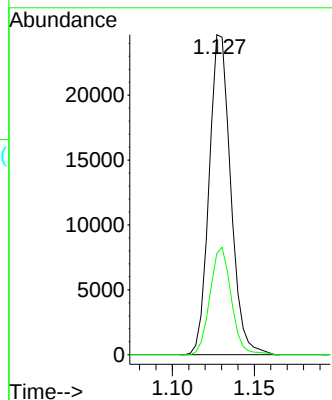
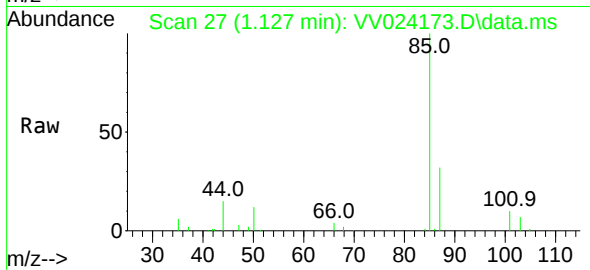




#2
 Dichlorodifluoromethane
 Concen: 1.666 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

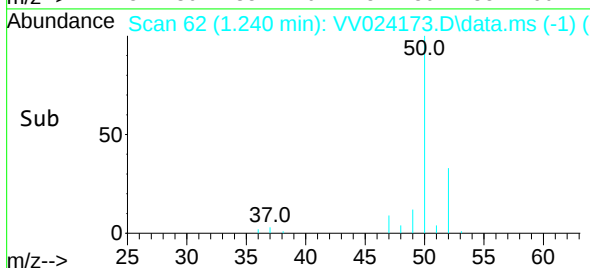
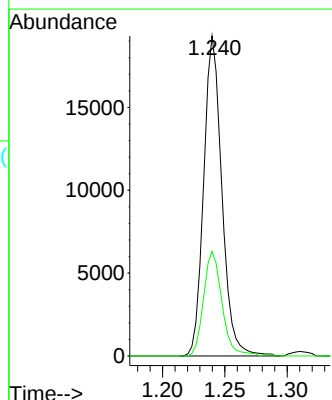
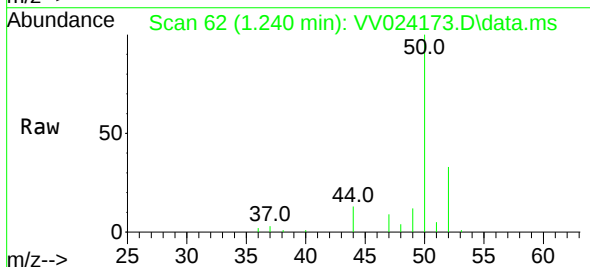
Instrument :
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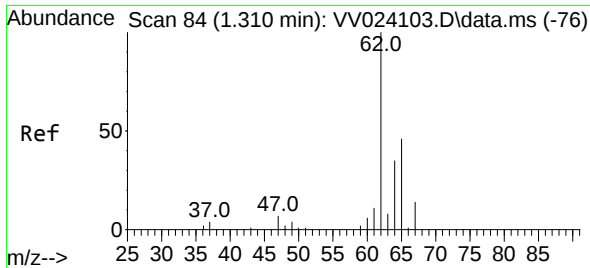
Tgt Ion: 85 Resp: 22524
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.0 39.0



#3
 Chloromethane
 Concen: 1.797 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

Tgt Ion: 50 Resp: 19583
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.0 41.0

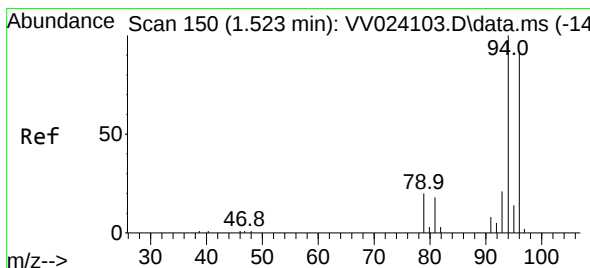
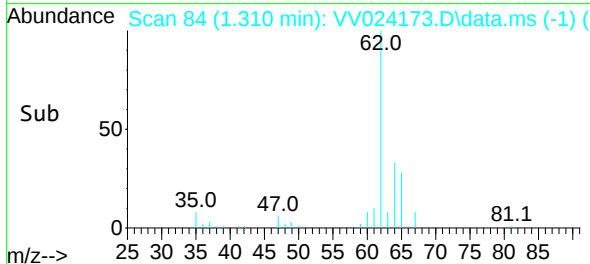
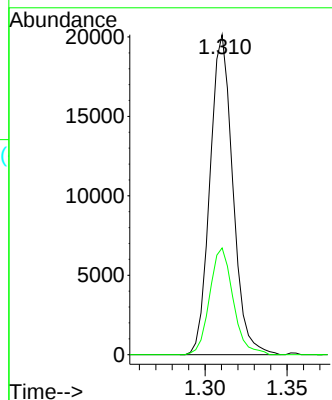
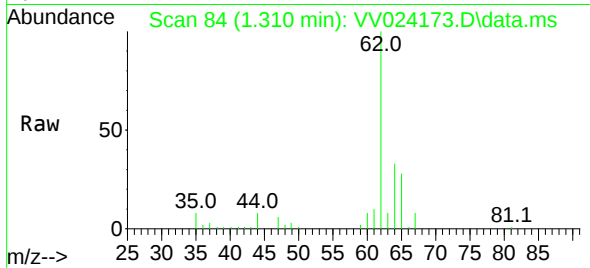




#5
 Vinyl chloride
 Concen: 1.681 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

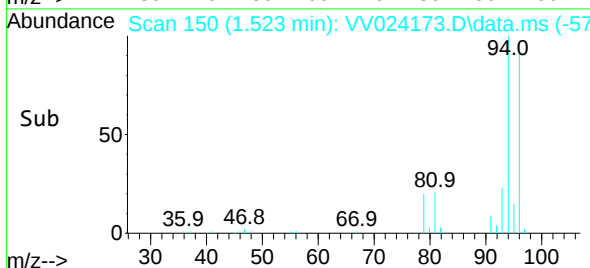
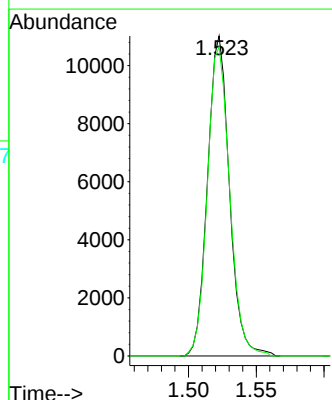
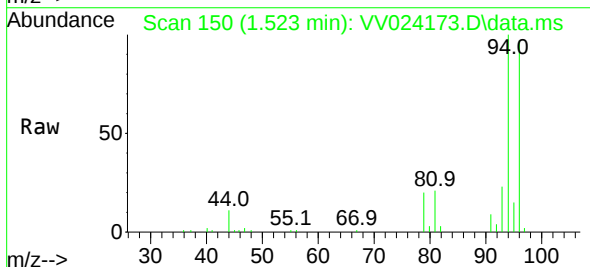
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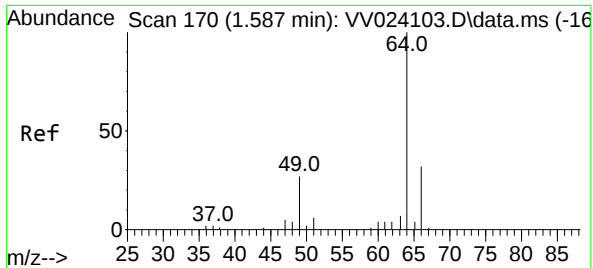
Tgt Ion: 62 Resp: 19485
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.4 41.6



#6
 Bromomethane
 Concen: 1.687 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

Tgt Ion: 94 Resp: 12408
 Ion Ratio Lower Upper
 94 100
 96 96.6 66.2 123.0

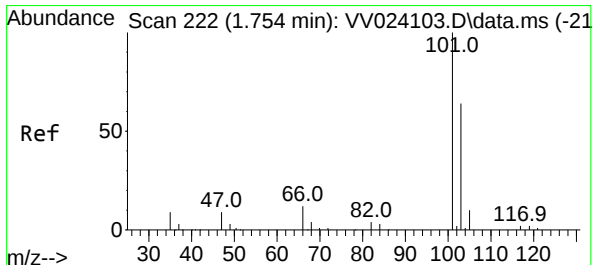
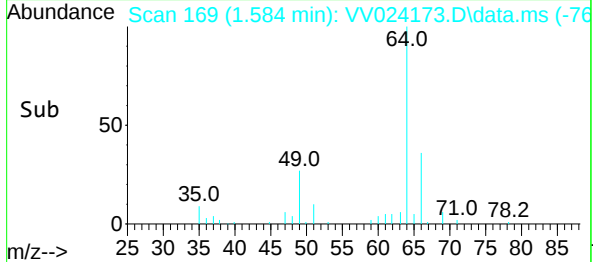
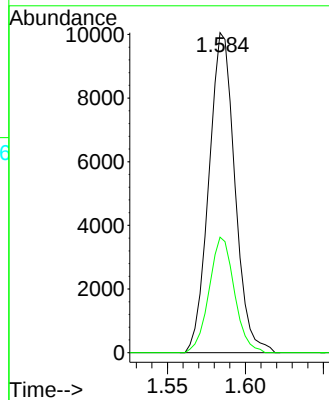
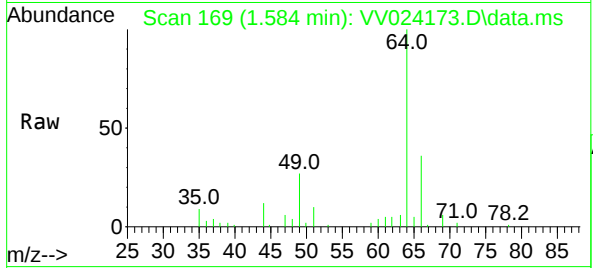




#8
Chloroethane
Concen: 1.604 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

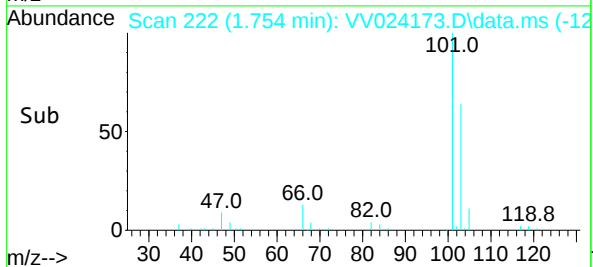
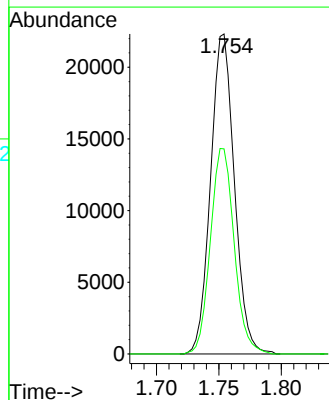
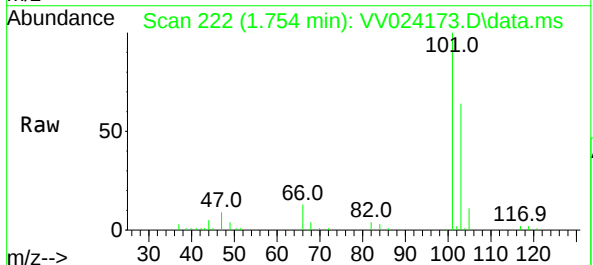
Instrument :
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ClientSampleId :

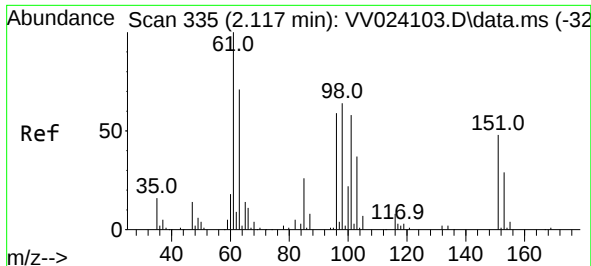
Tgt Ion: 64 Resp: 11658
Ion Ratio Lower Upper
64 100
66 36.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 1.510 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Tgt Ion:101 Resp: 29717
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

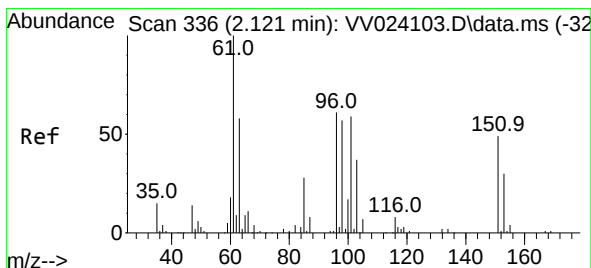
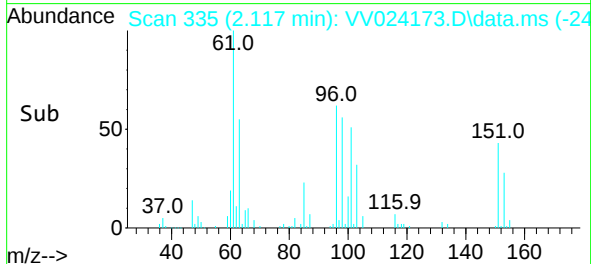
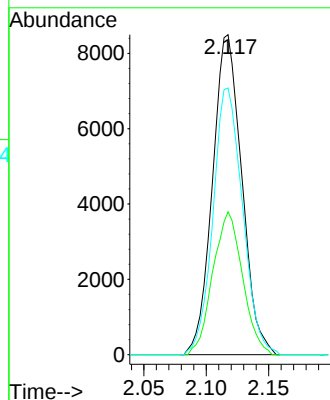
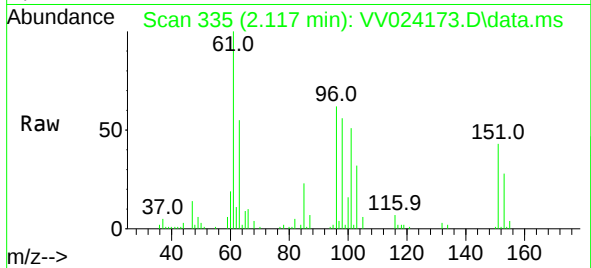




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.370 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

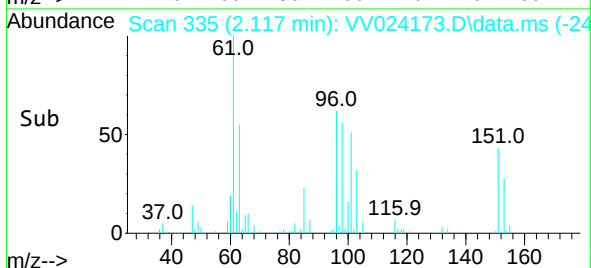
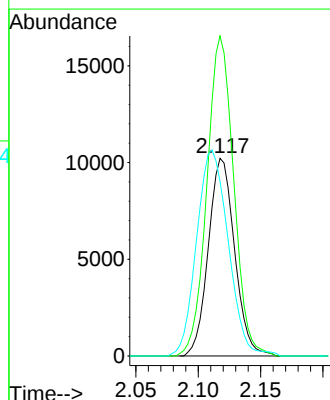
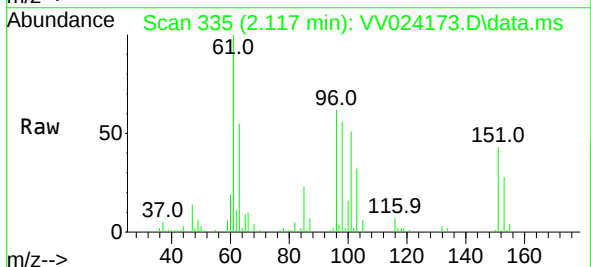
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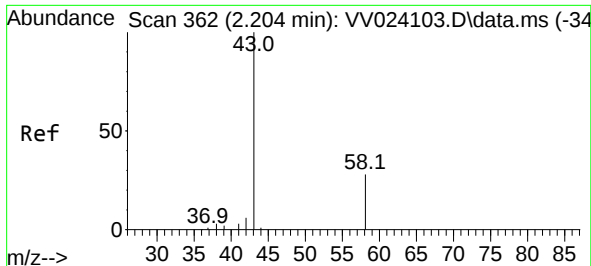
Tgt Ion:101 Resp: 13906
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.0 54.0
 151 84.0 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 1.594 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

Tgt Ion: 96 Resp: 15012
 Ion Ratio Lower Upper
 96 100
 61 161.9 116.1 215.5
 63 88.4 79.4 147.4





#13

Acetone

Concen: 8.851 ug/L

RT: 2.214 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

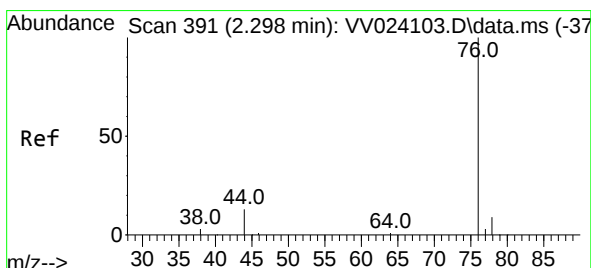
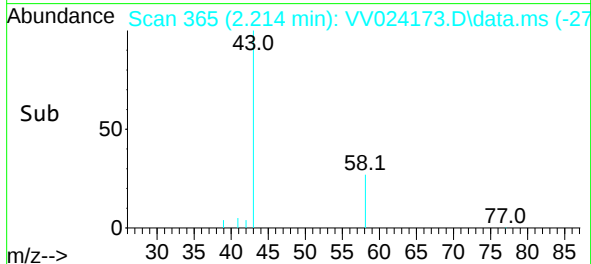
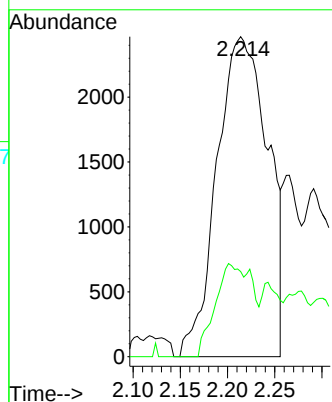
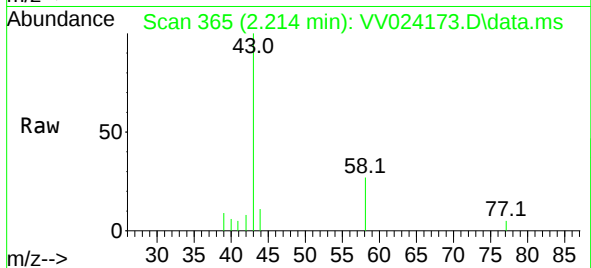
ClientSampleId :

Tgt Ion: 43 Resp: 9252

Ion Ratio Lower Upper

43 100

58 15.4 0.0 41.4



#14

Carbon disulfide

Concen: 1.712 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV024173.D

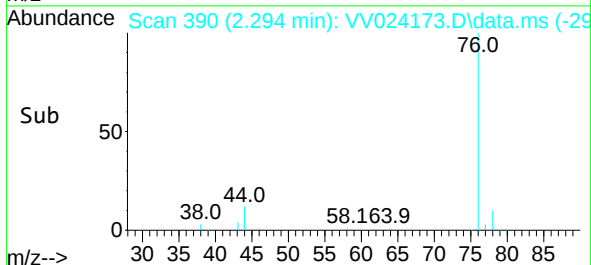
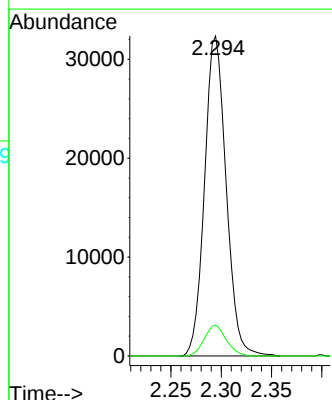
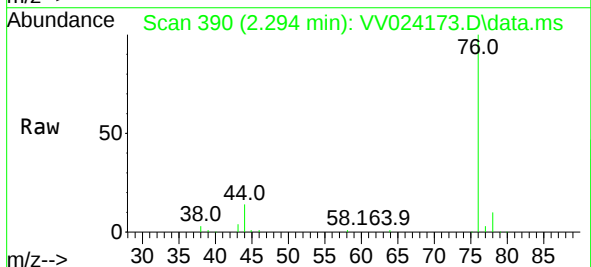
Acq: 27 Dec 2021 11:25

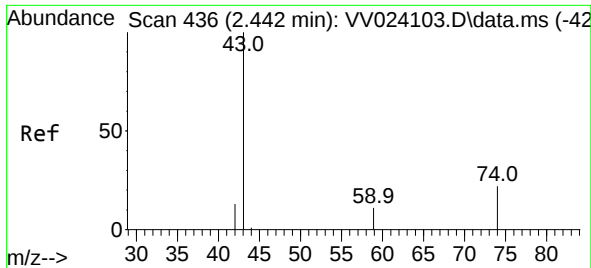
Tgt Ion: 76 Resp: 48315

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3

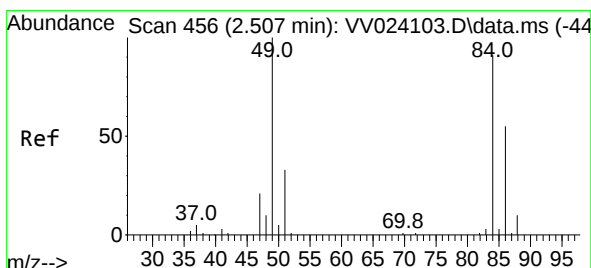
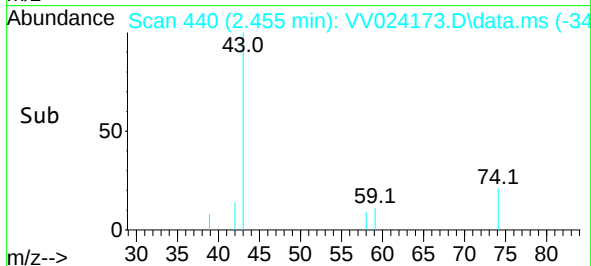
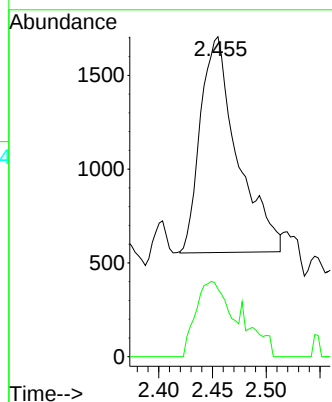
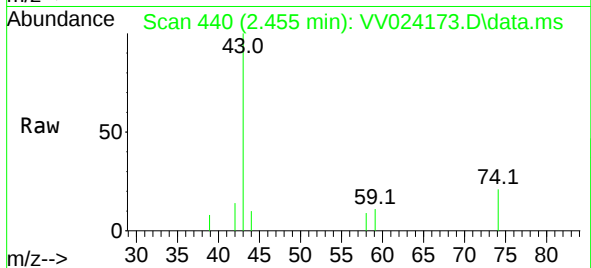




#15
Methyl Acetate
Concen: 1.056 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.010 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

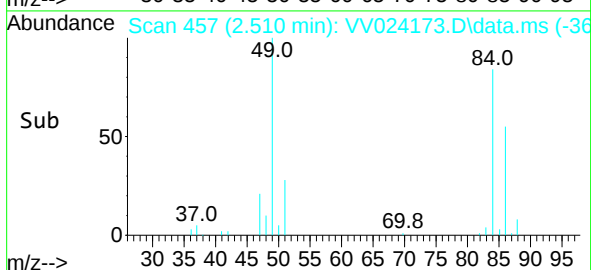
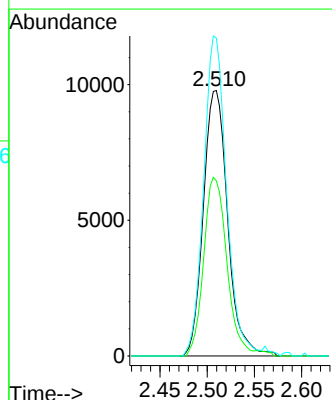
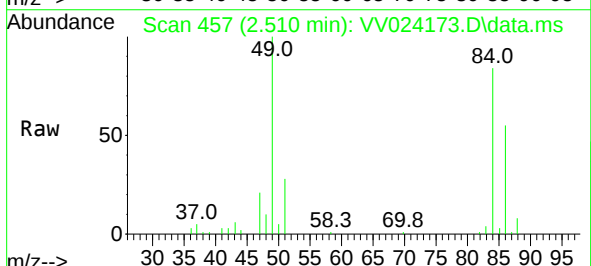
Instrument :
MSVOA_V
ClientSampleId :

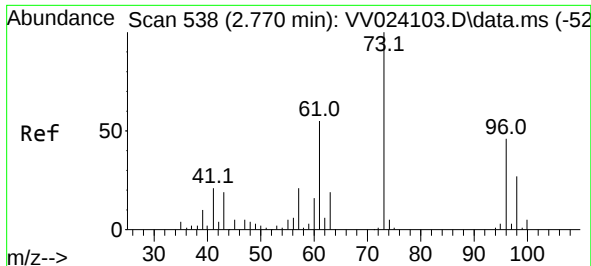
Tgt Ion: 43 Resp: 2756
Ion Ratio Lower Upper
43 100
74 31.1 20.2 30.2#



#16
Methylene chloride
Concen: 1.508 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Tgt Ion: 84 Resp: 17513
Ion Ratio Lower Upper
84 100
86 65.9 42.6 79.0
49 119.7 79.7 147.9





#17

Methyl tert-butyl Ether

Concen: 1.460 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

ClientSampleId :

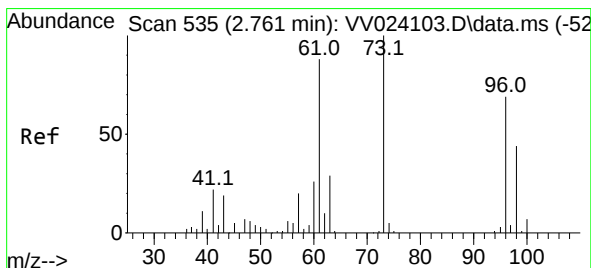
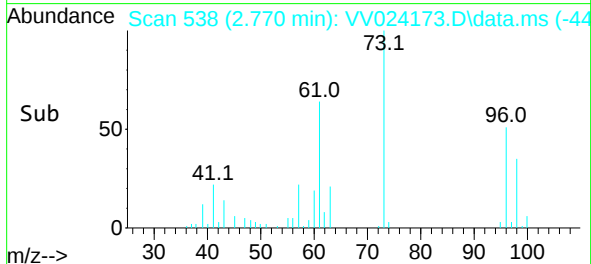
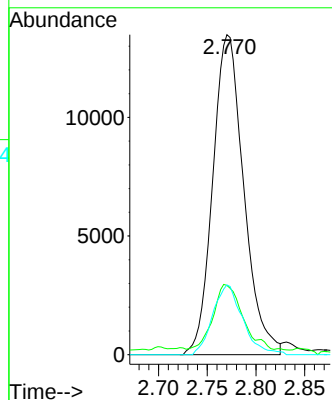
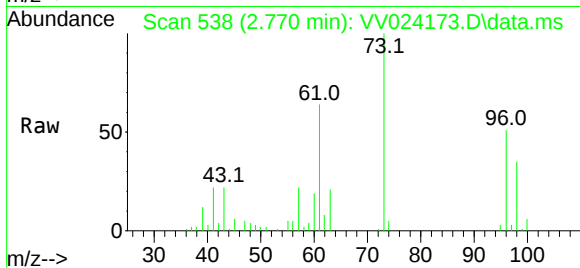
Tgt Ion: 73 Resp: 29848

Ion Ratio Lower Upper

73 100

43 19.1 15.5 23.3

57 21.0 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 1.559 ug/L

RT: 2.760 min Scan# 535

Delta R.T. -0.000 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

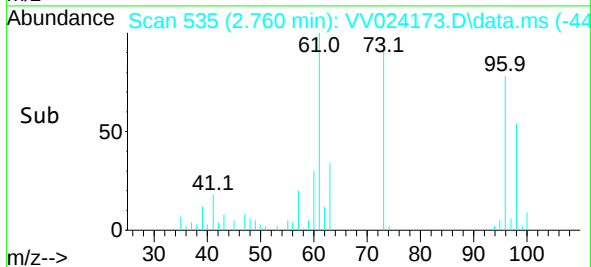
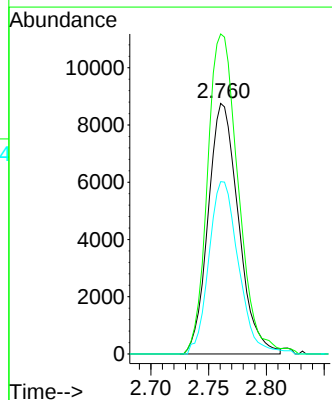
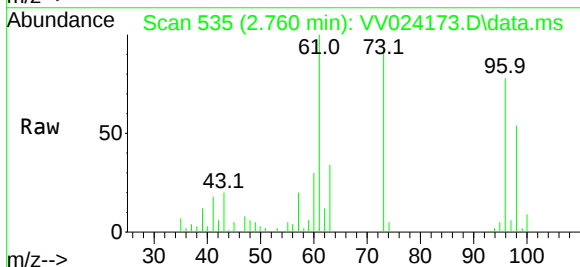
Tgt Ion: 96 Resp: 15983

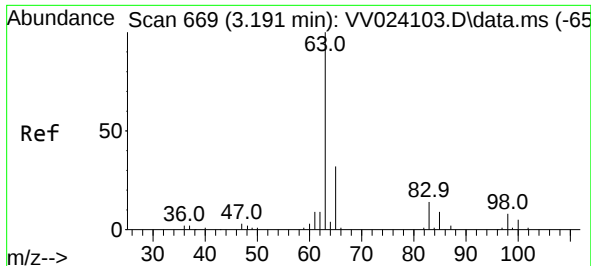
Ion Ratio Lower Upper

96 100

61 127.7 88.2 163.8

98 68.8 44.9 83.5





#19

1,1-Dichloroethane

Concen: 1.553 ug/L

RT: 3.191 min Scan# 60

Delta R.T. -0.000 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

ClientSampleId :

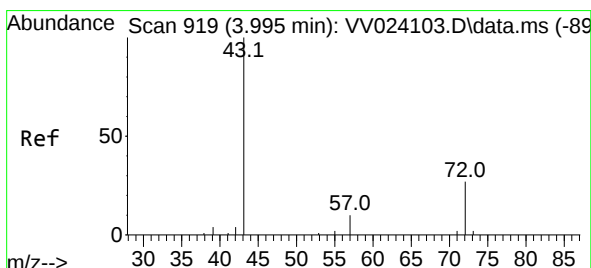
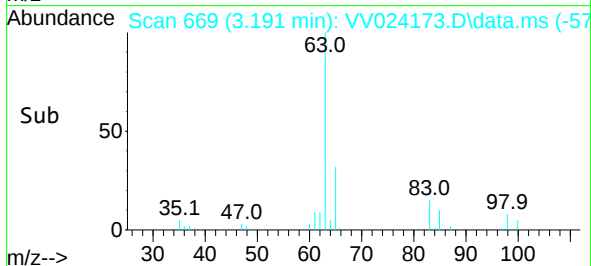
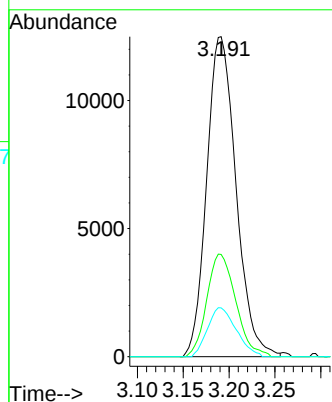
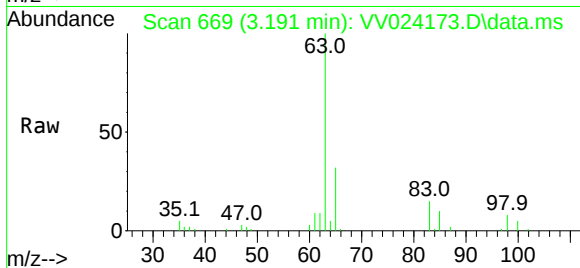
Tgt Ion: 63 Resp: 27805

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.3

83 15.2 10.7 19.9



#21

2-Butanone

Concen: 8.835 ug/L

RT: 4.021 min Scan# 927

Delta R.T. 0.026 min

Lab File: VV024173.D

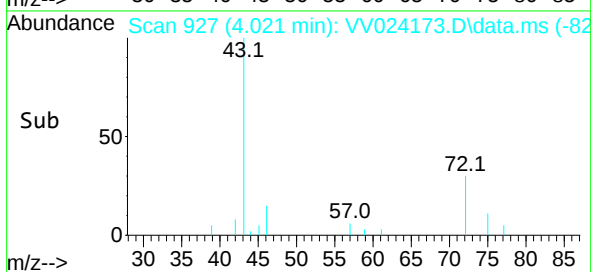
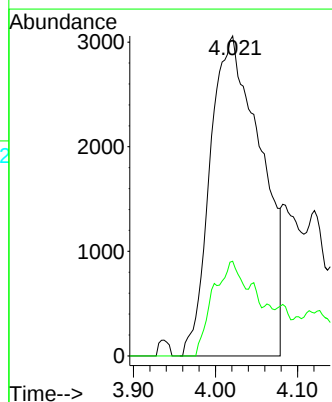
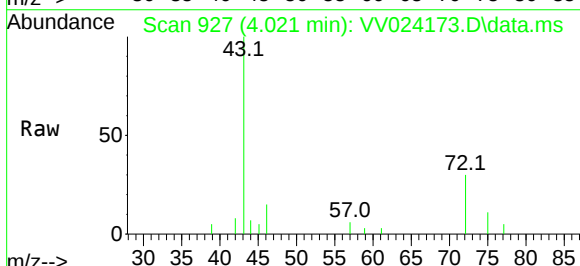
Acq: 27 Dec 2021 11:25

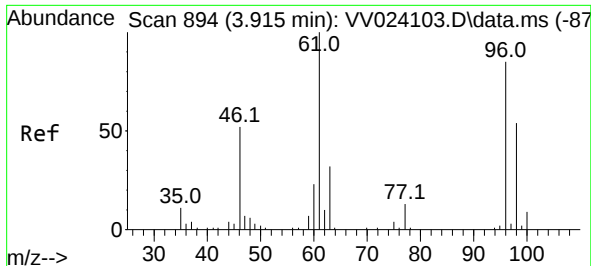
Tgt Ion: 43 Resp: 13186

Ion Ratio Lower Upper

43 100

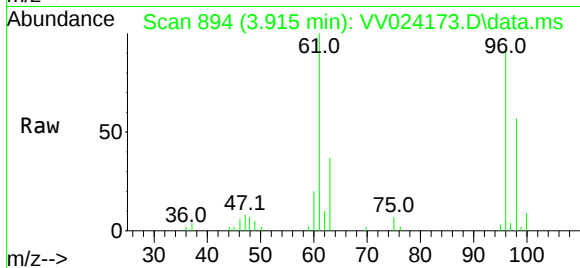
72 18.2 11.1 33.1





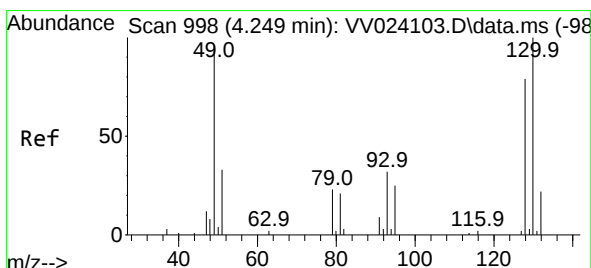
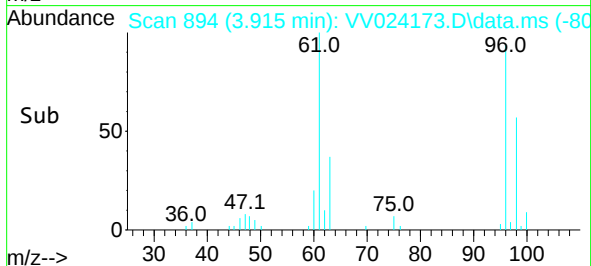
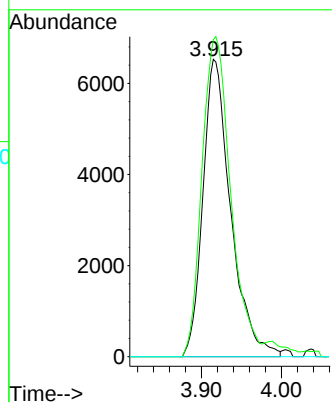
#22
 cis-1,2-Dichloroethene
 Concen: 1.498 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 15796

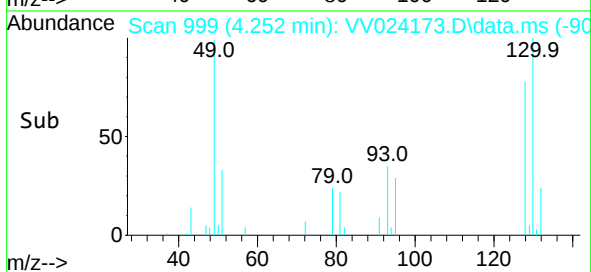
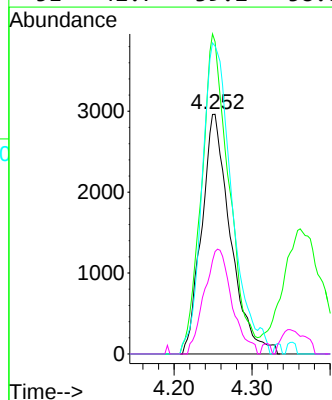
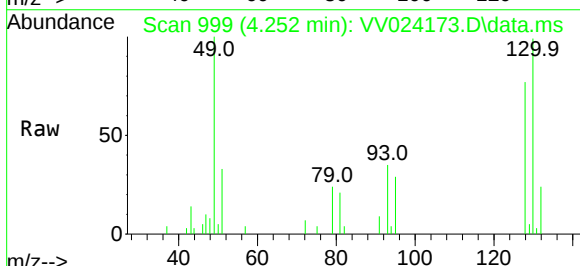
Ion	Ratio	Lower	Upper
96	100		
61	106.6	83.4	154.8
68	0.0	0.0	0.0

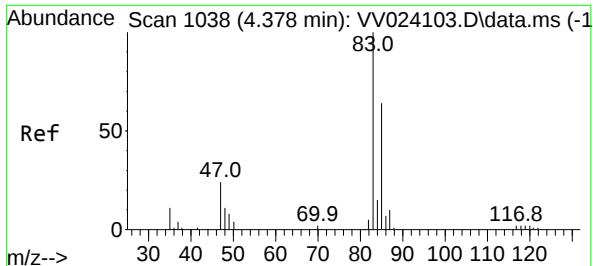


#23
 Bromochloromethane
 Concen: 1.543 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.003 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

Tgt Ion: 128 Resp: 7556

Ion	Ratio	Lower	Upper
128	100		
49	130.2	100.2	186.2
130	128.4	92.5	171.7
51	42.7	39.2	58.8





#25

Chloroform

Concen: 1.555 ug/L

RT: 4.375 min Scan# 110

Delta R.T. -0.000 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

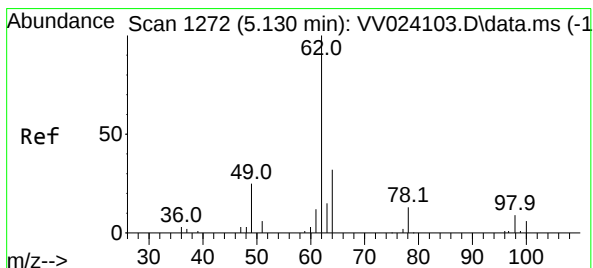
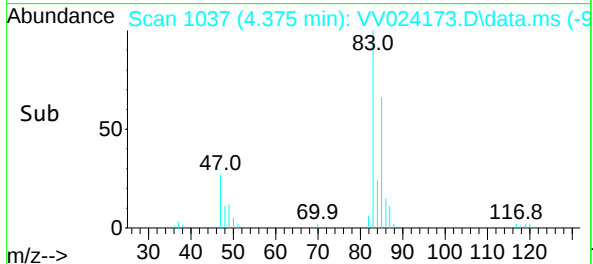
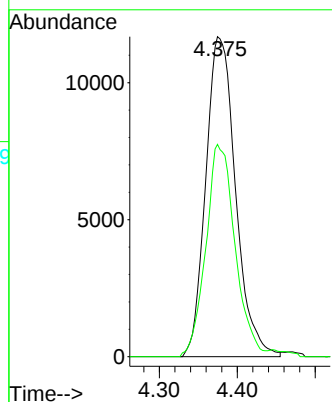
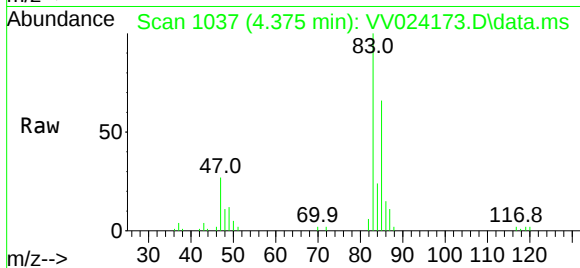
ClientSampleId :

Tgt Ion: 83 Resp: 31016

Ion Ratio Lower Upper

83 100

85 66.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 1.513 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV024173.D

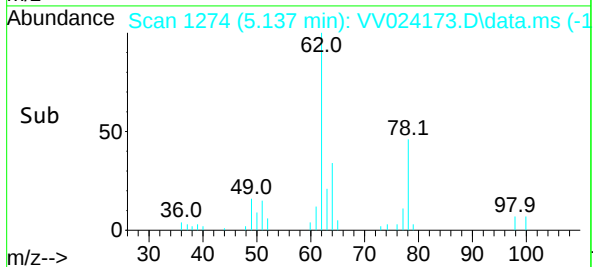
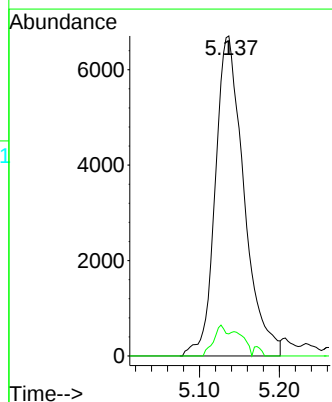
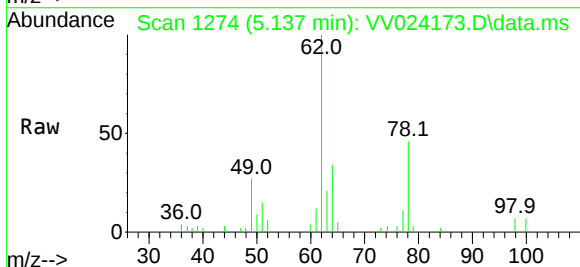
Acq: 27 Dec 2021 11:25

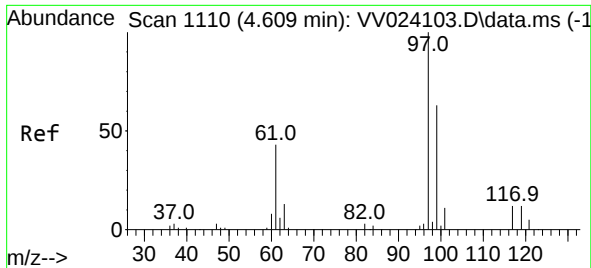
Tgt Ion: 62 Resp: 16673

Ion Ratio Lower Upper

62 100

98 6.9 8.1 12.1#





#29

1,1,1-Trichloroethane

Concen: 1.568 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024173.D

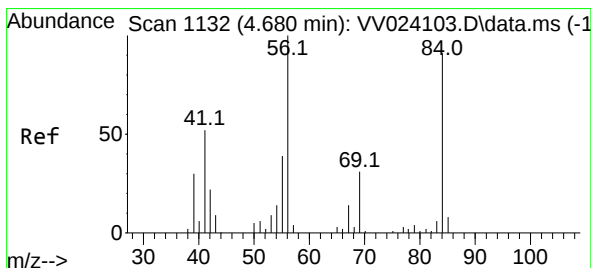
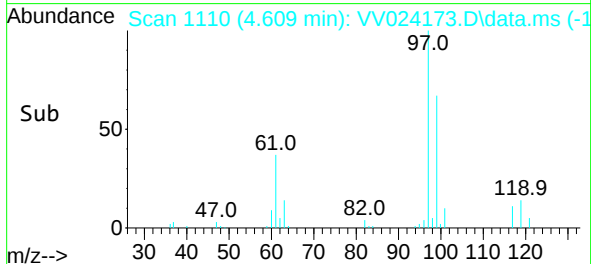
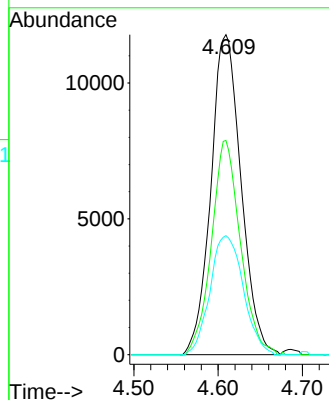
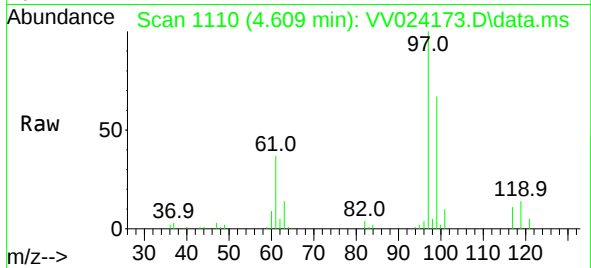
Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 29356
Ion Ratio	Lower Upper
97 100	
99 64.1	51.9 77.9
61 40.9	33.2 49.8



#30

Cyclohexane

Concen: 1.193 ug/L

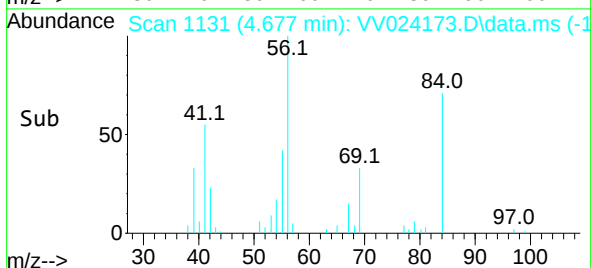
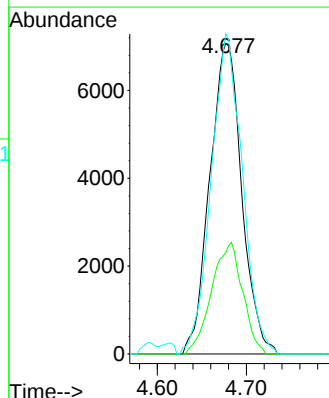
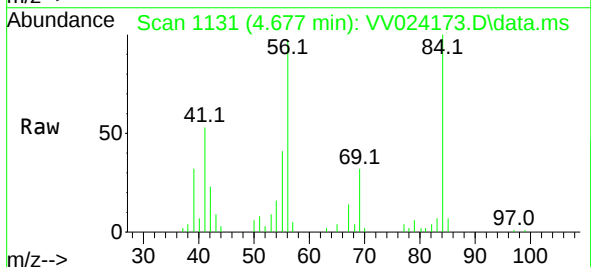
RT: 4.677 min Scan# 1131

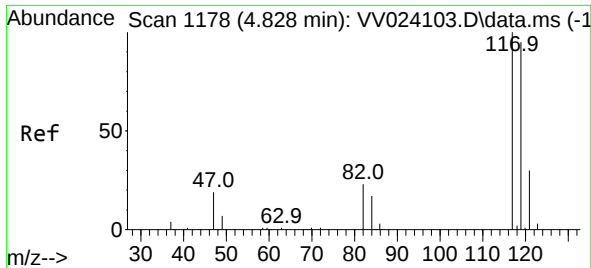
Delta R.T. -0.000 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

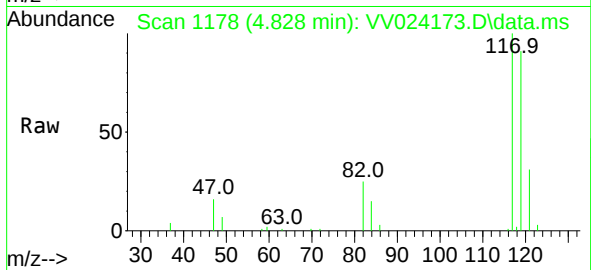
Tgt Ion: 56	Resp: 17607
Ion Ratio	Lower Upper
56 100	
69 34.8	24.8 37.2
84 100.4	75.9 113.9



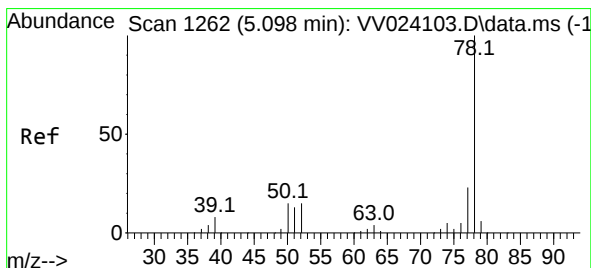
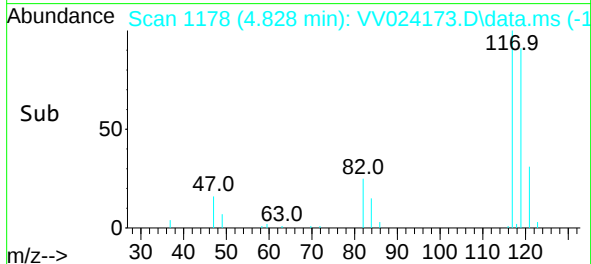
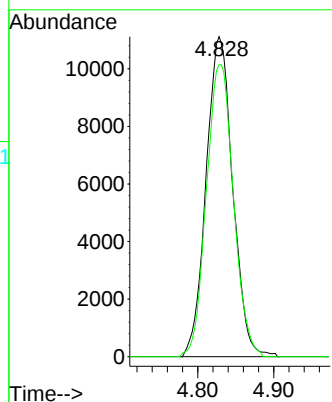


#31
Carbon tetrachloride
Concen: 1.530 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Instrument :
MSVOA_V
ClientSampleId :

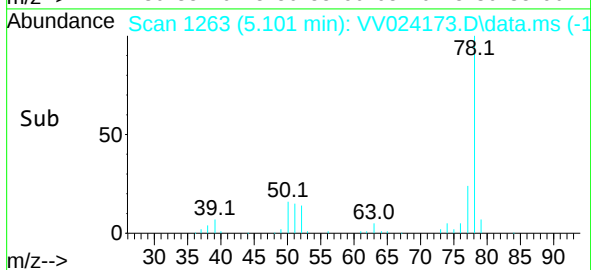
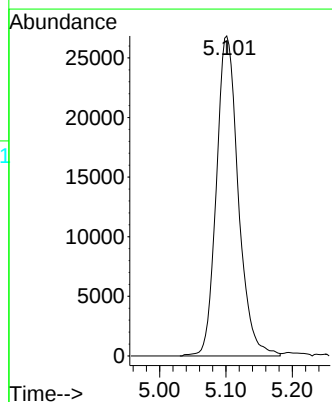
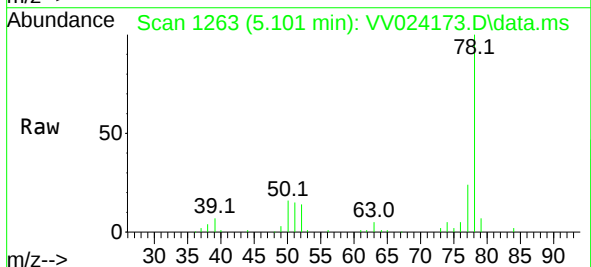


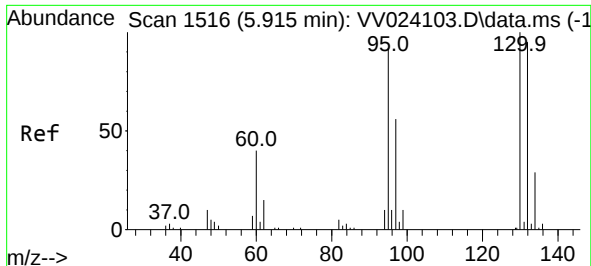
Tgt Ion:117 Resp: 27027
Ion Ratio Lower Upper
117 100
119 92.9 76.6 114.8



#33
Benzene
Concen: 1.530 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Tgt Ion: 78 Resp: 61664

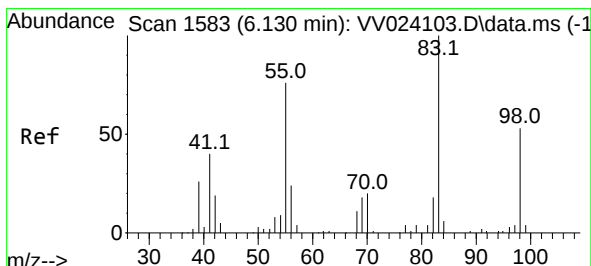
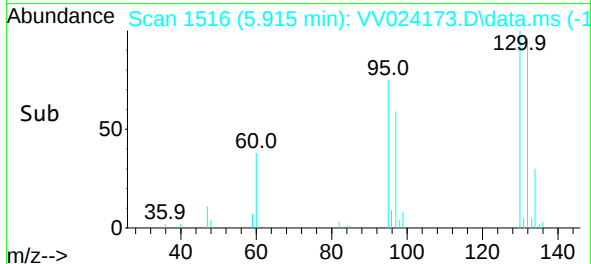
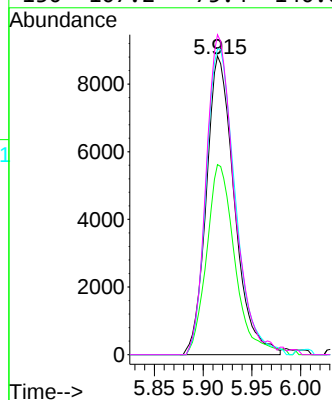
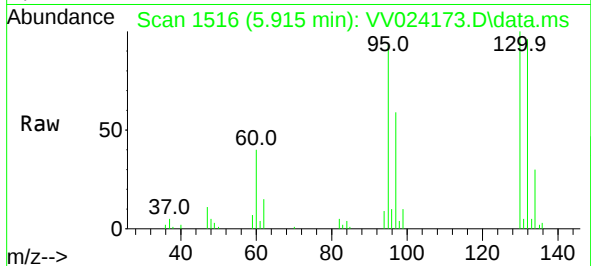




#34
Trichloroethene
Concen: 1.560 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

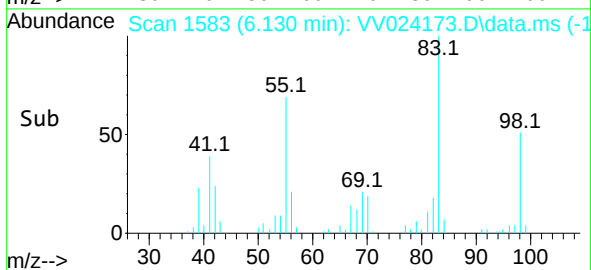
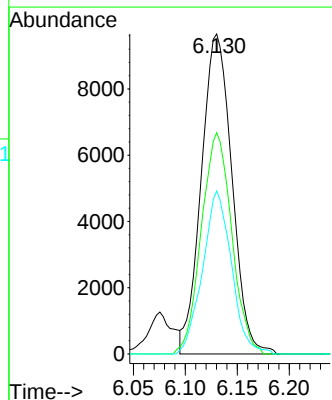
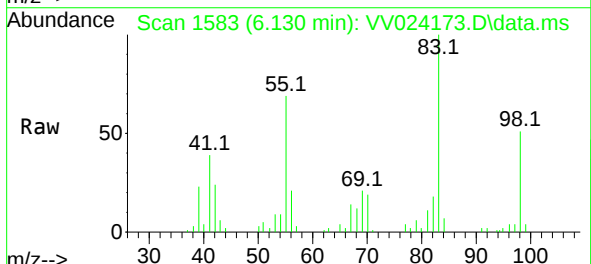
Instrument :
MSVOA_V
ClientSampleId :

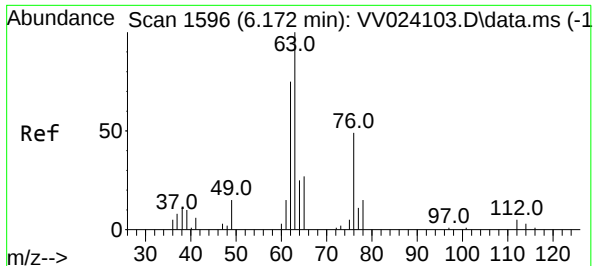
Tgt Ion: 95 Resp: 17623
Ion Ratio Lower Upper
95 100
97 63.7 45.2 84.0
132 102.4 76.1 141.3
130 107.2 75.4 140.0



#35
Methylcyclohexane
Concen: 1.178 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Tgt Ion: 83 Resp: 19808
Ion Ratio Lower Upper
83 100
55 68.5 60.2 90.2
98 47.9 41.0 61.4





#37

1,2-Dichloropropane

Concen: 1.478 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

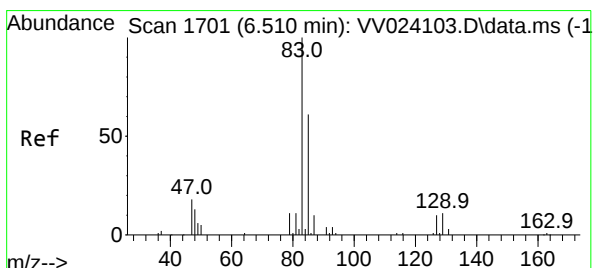
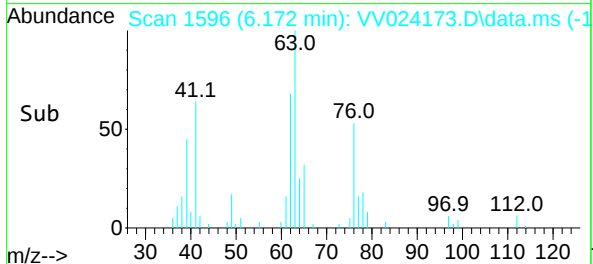
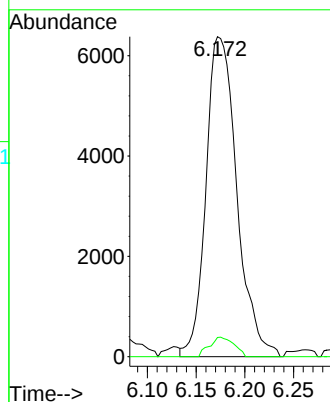
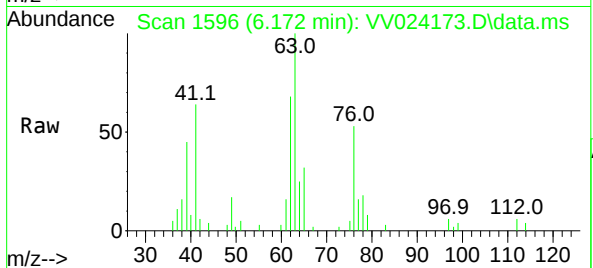
ClientSampleId :

Tgt Ion: 63 Resp: 14048

Ion Ratio Lower Upper

63 100

112 4.9 4.3 6.5



#38

Bromodichloromethane

Concen: 1.431 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

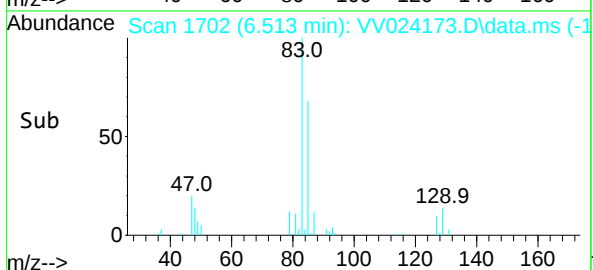
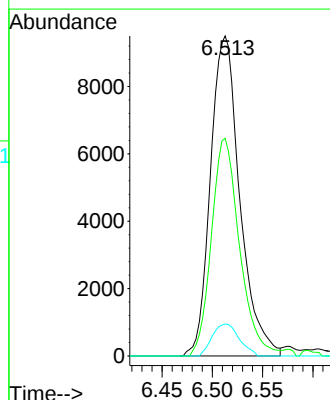
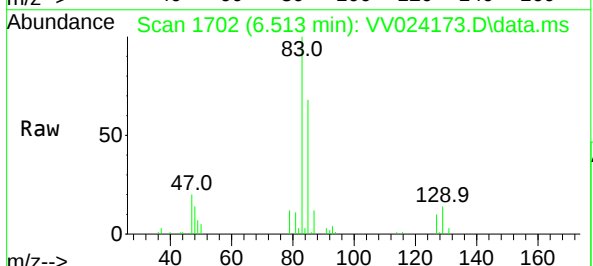
Tgt Ion: 83 Resp: 19295

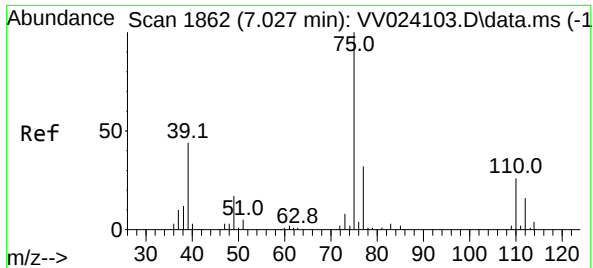
Ion Ratio Lower Upper

83 100

85 68.0 44.0 81.8

127 10.0 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 1.342 ug/L

RT: 7.030 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

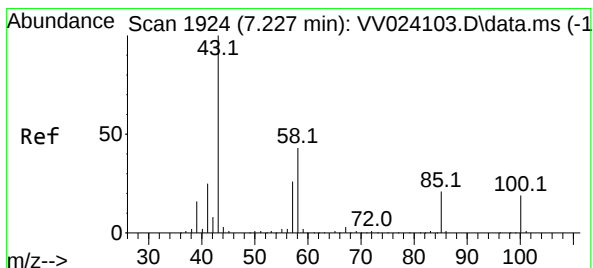
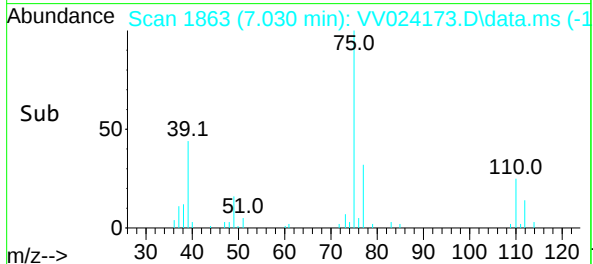
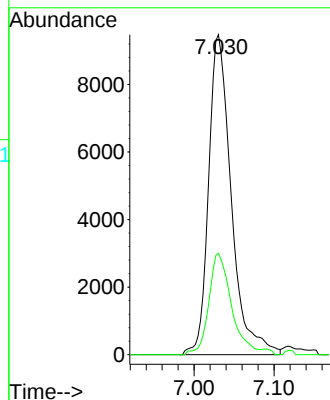
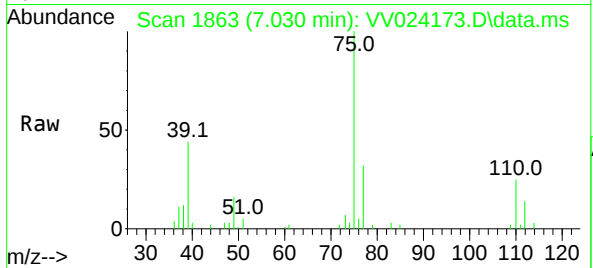
ClientSampleId :

Tgt Ion: 75 Resp: 18694

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 13.846 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

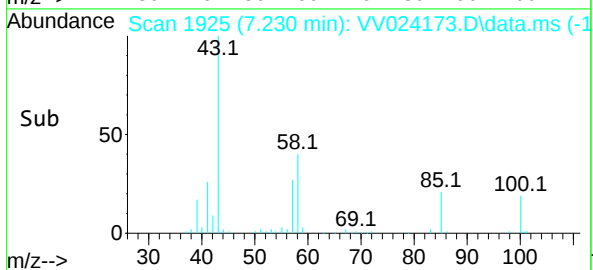
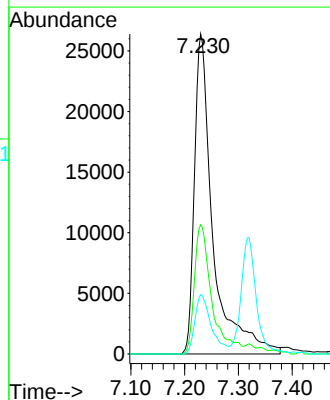
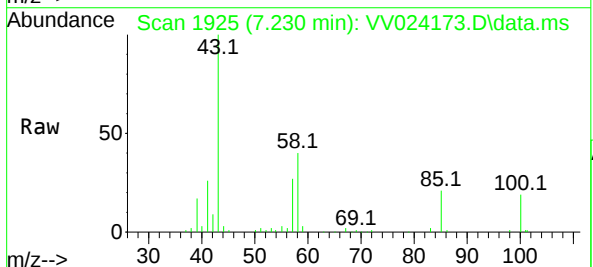
Tgt Ion: 43 Resp: 63016

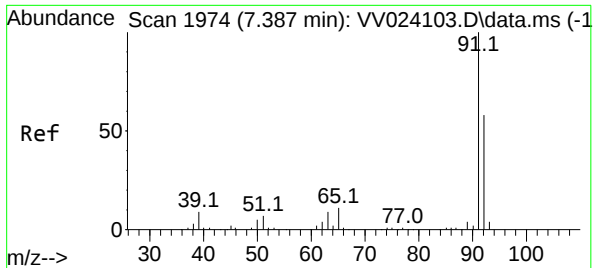
Ion Ratio Lower Upper

43 100

58 38.1 32.3 48.5

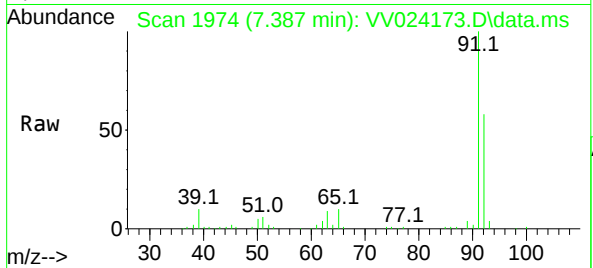
100 16.5 13.0 19.6



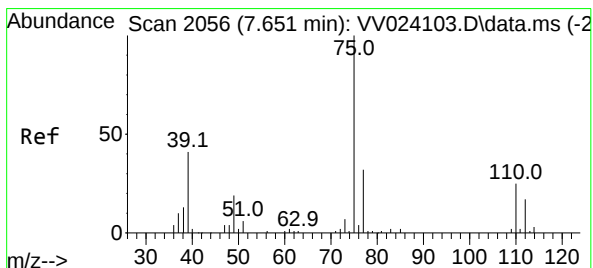
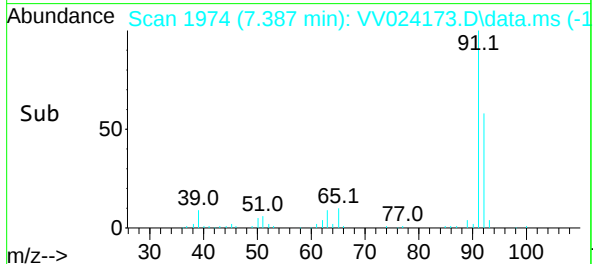
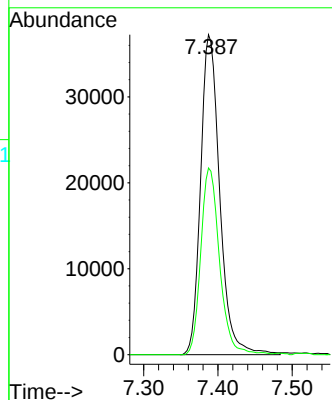


#42
Toluene
Concen: 1.467 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Instrument : MSVOA_V
ClientSampleId :

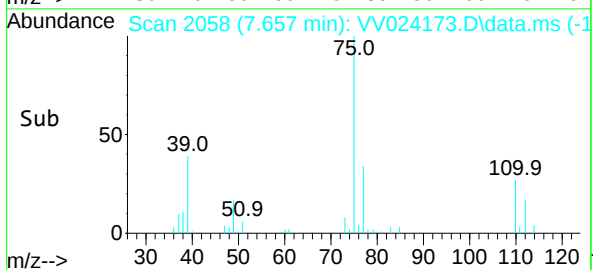
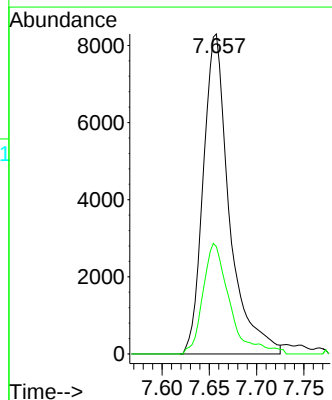
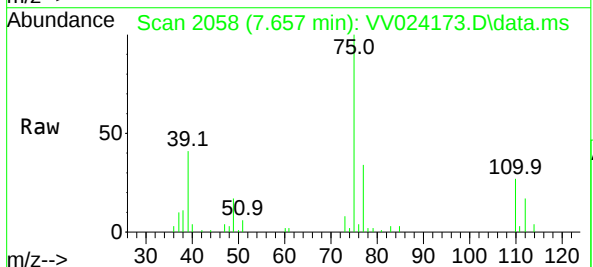


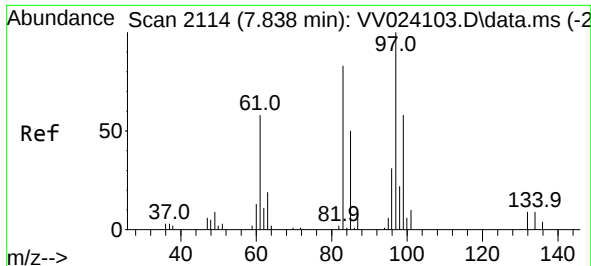
Tgt Ion: 91 Resp: 66721
Ion Ratio Lower Upper
91 100
92 58.3 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 1.308 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Tgt Ion: 75 Resp: 15955
Ion Ratio Lower Upper
75 100
77 33.6 21.8 40.4



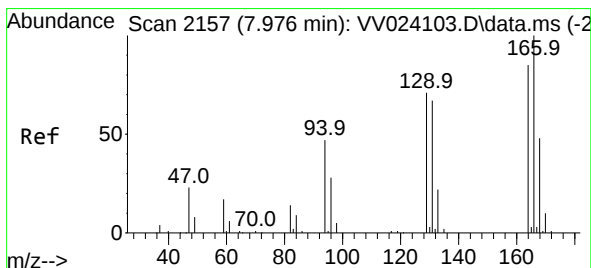
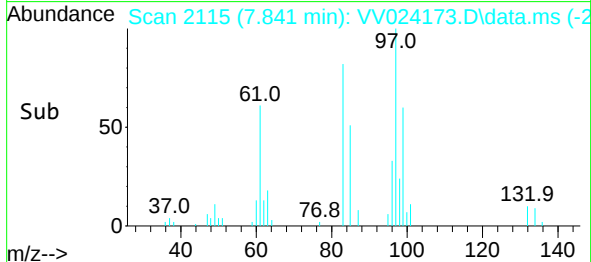
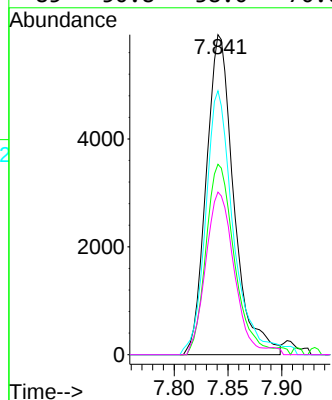
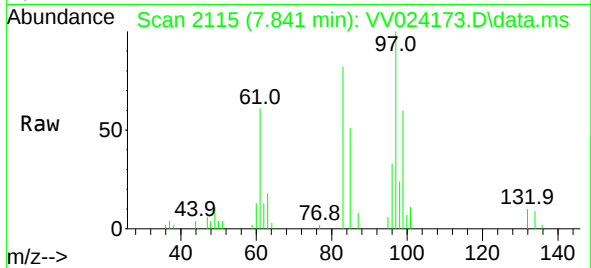


#45
1,1,2-Trichloroethane
Concen: 1.516 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 10611

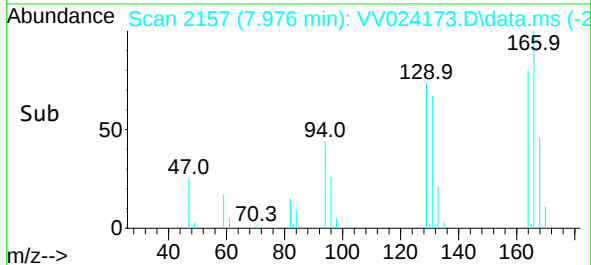
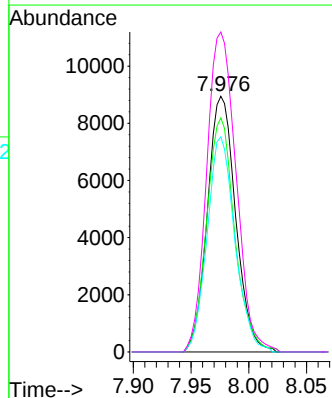
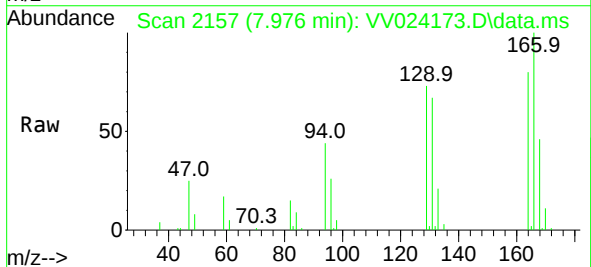
Ion	Ratio	Lower	Upper
97	100		
99	59.5	43.1	80.1
83	82.4	57.9	107.5
85	50.8	38.0	70.6

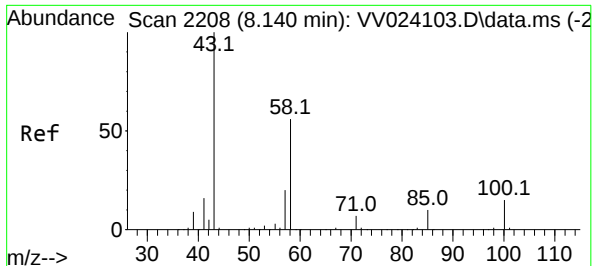


#47
Tetrachloroethene
Concen: 1.526 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Tgt Ion: 164 Resp: 15227

Ion	Ratio	Lower	Upper
164	100		
129	91.5	62.6	116.2
131	84.2	61.0	113.4
166	125.2	87.3	162.1

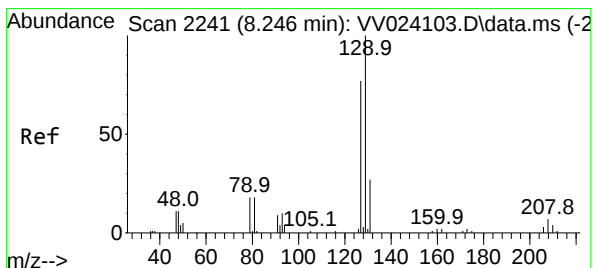
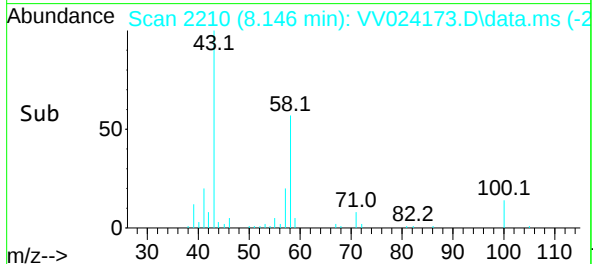
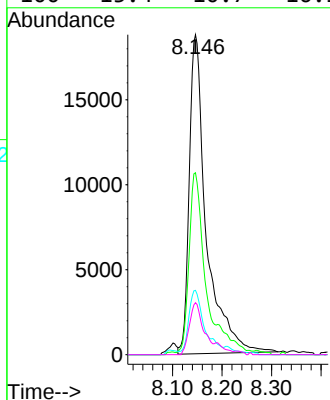
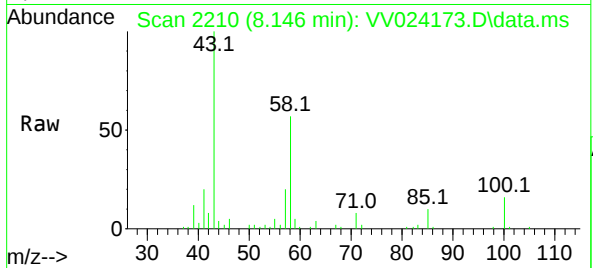




#48
2-Hexanone
Concen: 13.686 ug/L
RT: 8.146 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

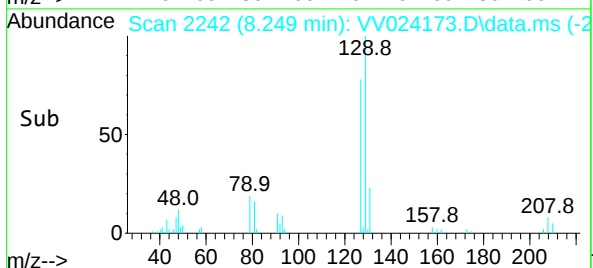
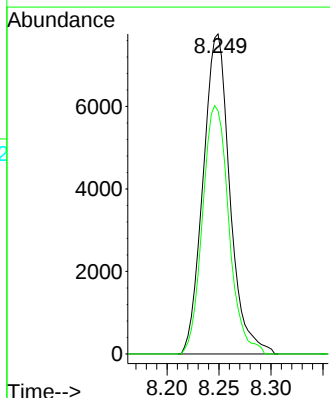
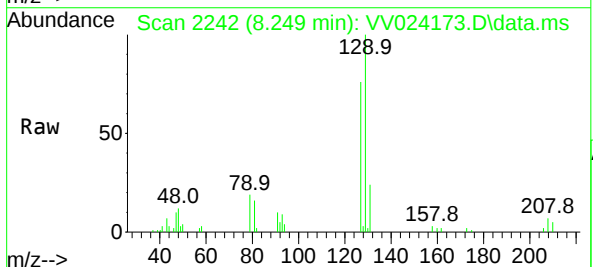
Instrument :
MSVOA_V
ClientSampleId :

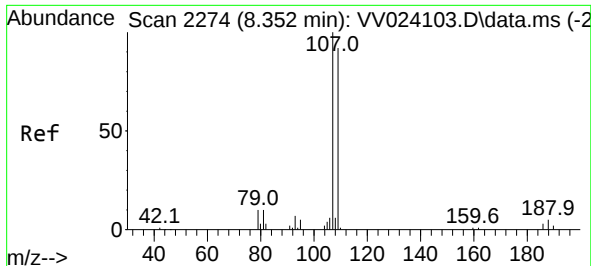
Tgt Ion: 43	Resp: 45058
Ion Ratio	Lower Upper
43	100
58	55.7 44.5 66.7
57	18.6 15.1 22.7
100	13.4 10.7 16.1



#49
Dibromochloromethane
Concen: 1.461 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Tgt Ion: 129	Resp: 13875
Ion Ratio	Lower Upper
129	100
127	75.9 53.5 99.3





#50

1,2-Dibromoethane

Concen: 1.475 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024173.D

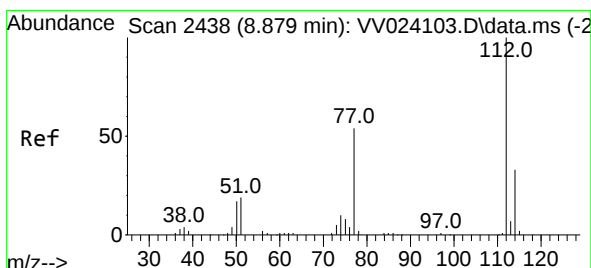
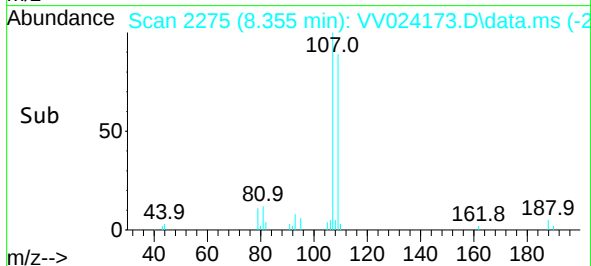
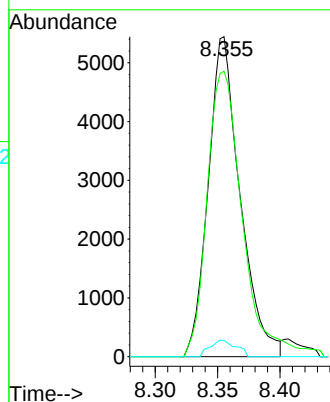
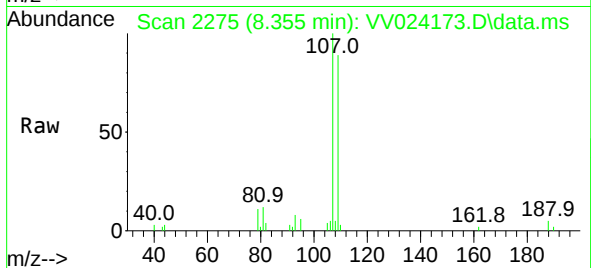
Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	9689
Ion	Ratio	Lower Upper
107	100	
109	89.2	62.5 116.1
188	5.1	3.4 5.2



#51

Chlorobenzene

Concen: 1.513 ug/L

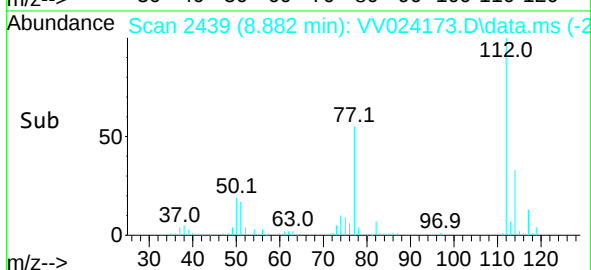
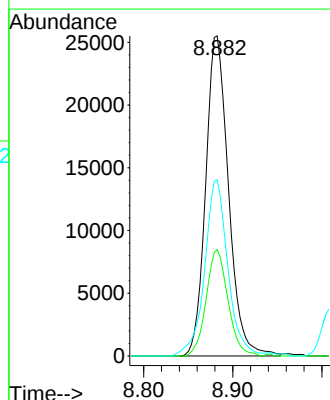
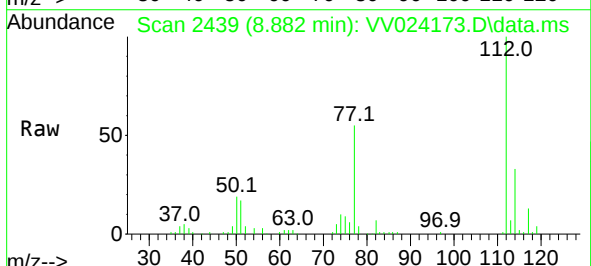
RT: 8.882 min Scan# 2439

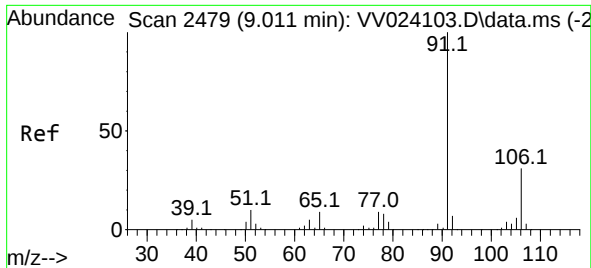
Delta R.T. 0.003 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

Tgt Ion:112	Resp:	45374
Ion	Ratio	Lower Upper
112	100	
114	33.2	23.3 43.3
77	55.0	43.3 64.9





#52

Ethylbenzene

Concen: 1.394 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

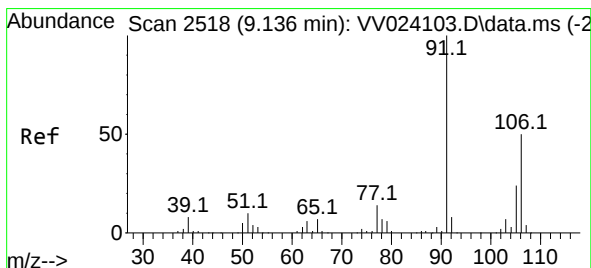
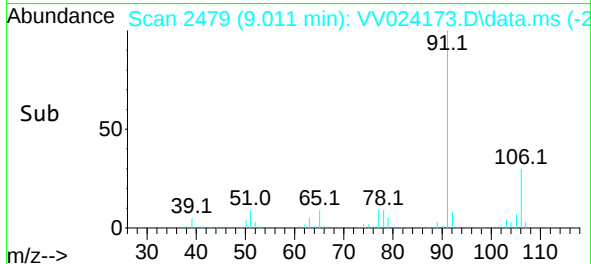
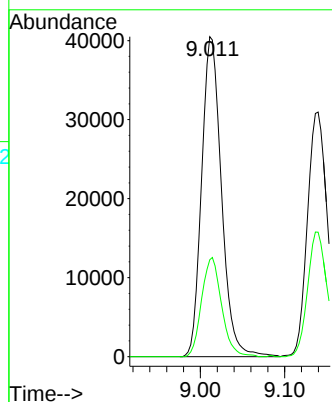
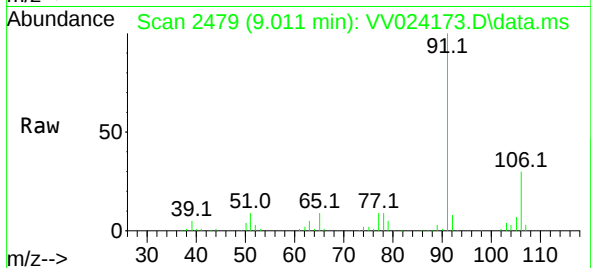
ClientSampleId :

Tgt Ion: 91 Resp: 66452

Ion Ratio Lower Upper

91 100

106 30.3 22.0 41.0



#53

m,p-xylene

Concen: 1.397 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024173.D

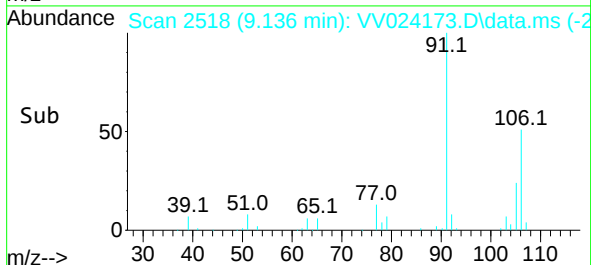
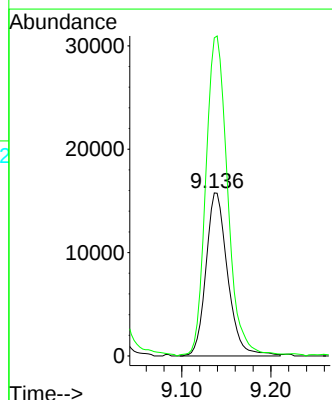
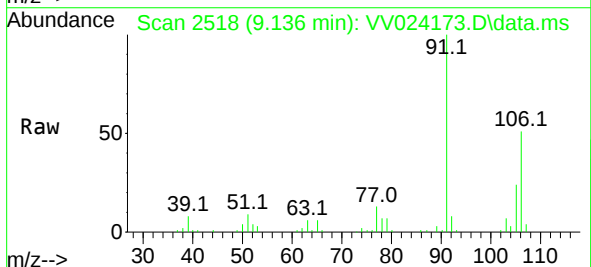
Acq: 27 Dec 2021 11:25

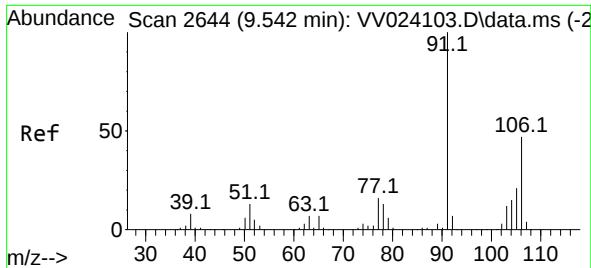
Tgt Ion:106 Resp: 26615

Ion Ratio Lower Upper

106 100

91 195.0 139.5 259.1

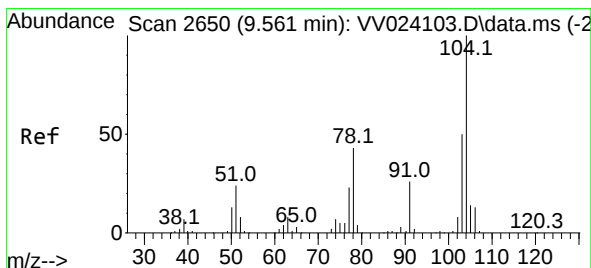
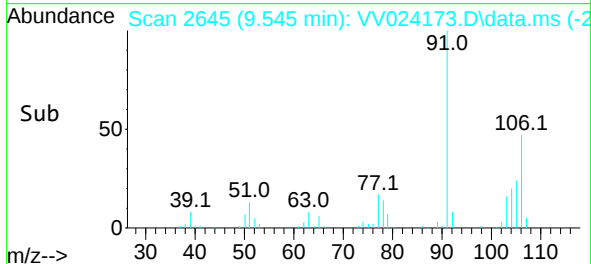
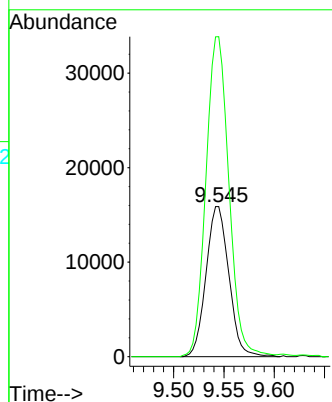
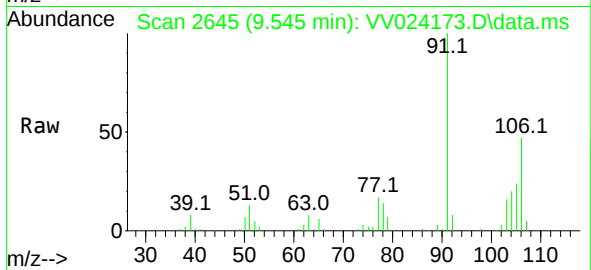




#54
o-xylene
Concen: 1.376 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

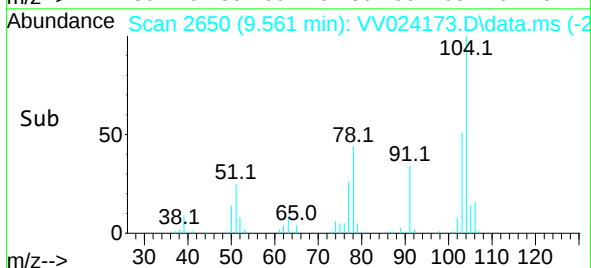
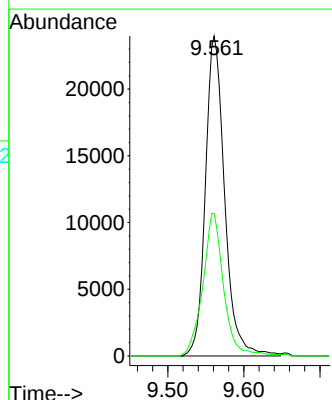
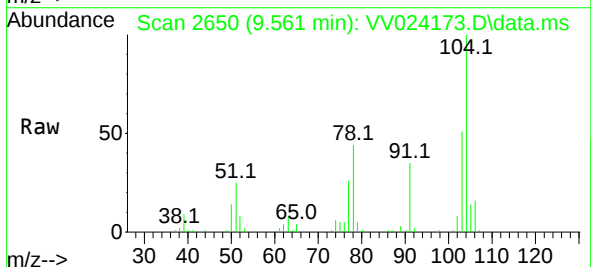
Instrument :
MSVOA_V
ClientSampleId :

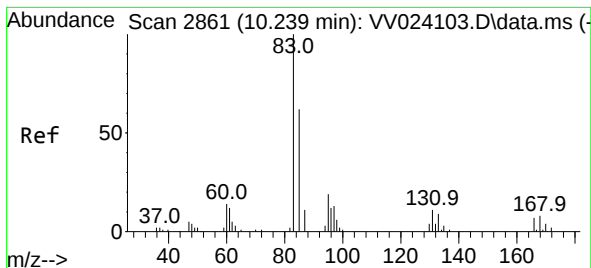
Tgt Ion:106 Resp: 25073
Ion Ratio Lower Upper
106 100
91 213.2 147.9 274.7



#55
Styrene
Concen: 1.375 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Tgt Ion:104 Resp: 42146
Ion Ratio Lower Upper
104 100
78 44.5 31.0 57.6

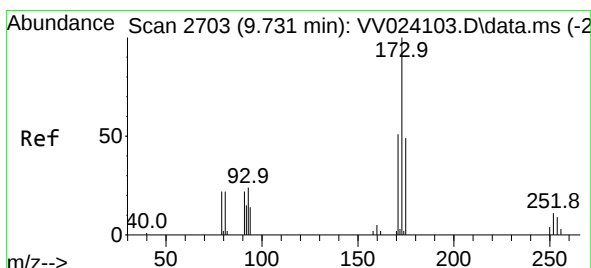
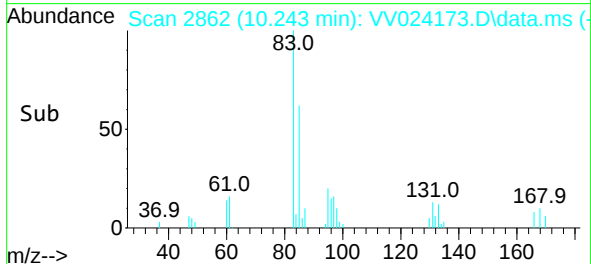
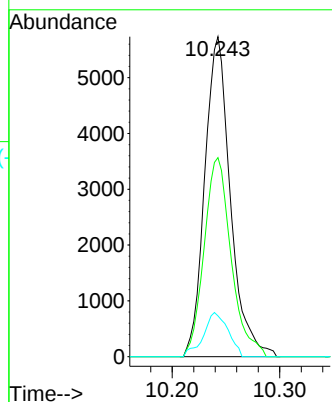
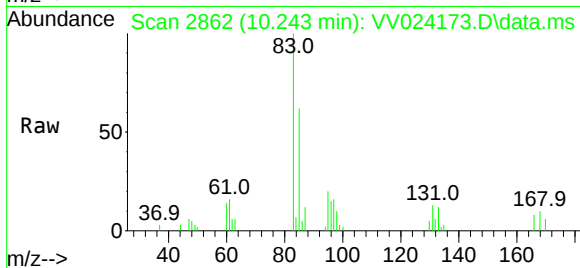




#57
 1,1,2,2-Tetrachloroethane
 Concen: 1.281 ug/L
 RT: 10.243 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

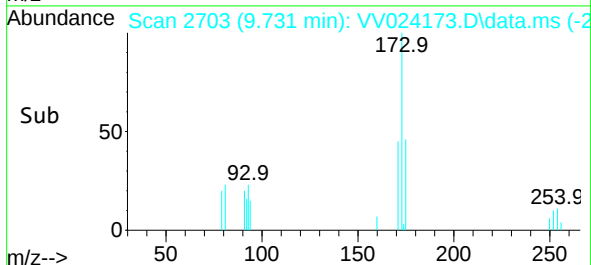
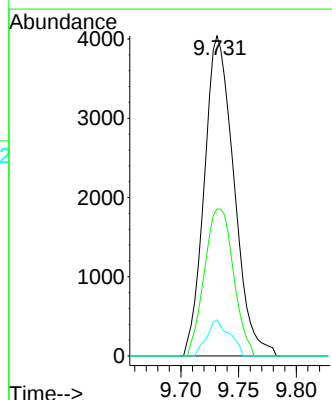
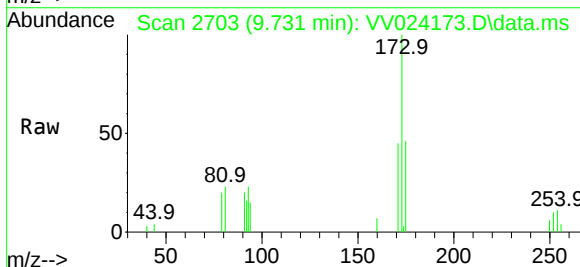
Instrument :
 MSVOA_V
 ClientSampleId :

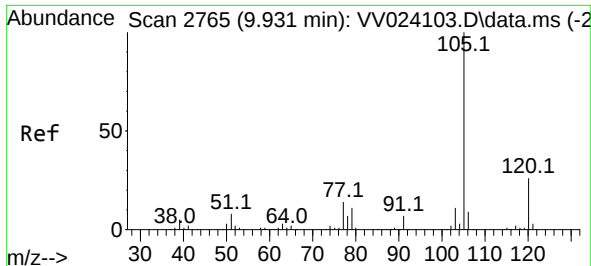
Tgt Ion: 83 Resp: 9508
 Ion Ratio Lower Upper
 83 100
 85 62.2 44.6 82.8
 131 12.7 8.3 12.5#



#59
 Bromoform
 Concen: 1.444 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

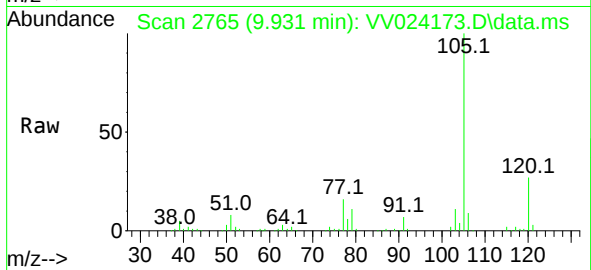
Tgt Ion: 173 Resp: 7211
 Ion Ratio Lower Upper
 173 100
 175 45.0 39.4 59.2
 254 8.6 7.4 11.0



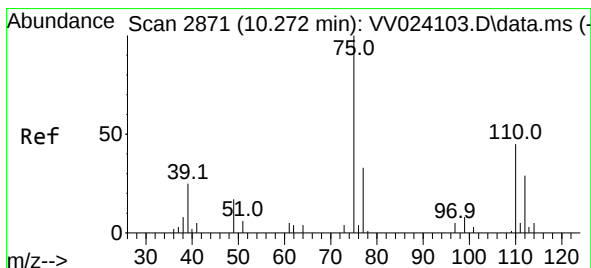
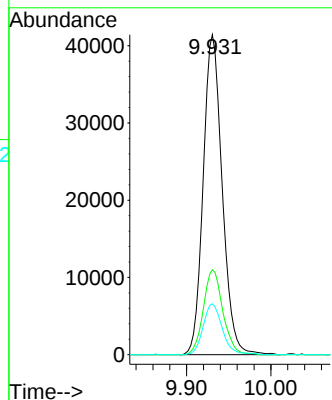
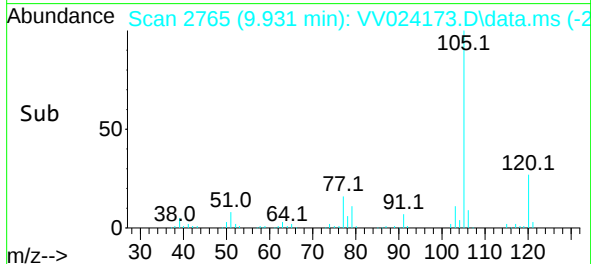


#60
Isopropylbenzene
Concen: 1.380 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

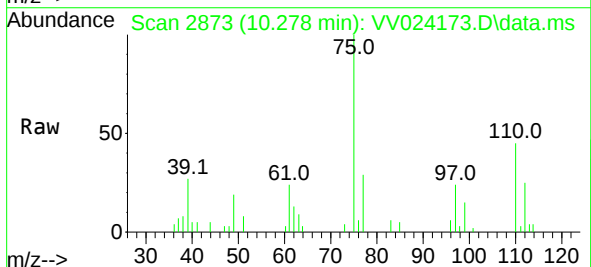
Instrument :
MSVOA_V
ClientSampleId :



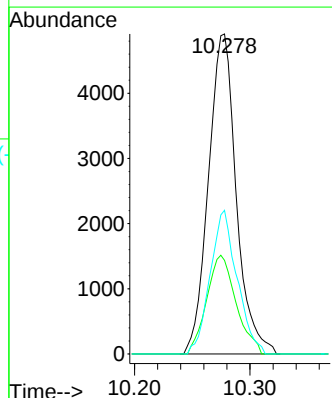
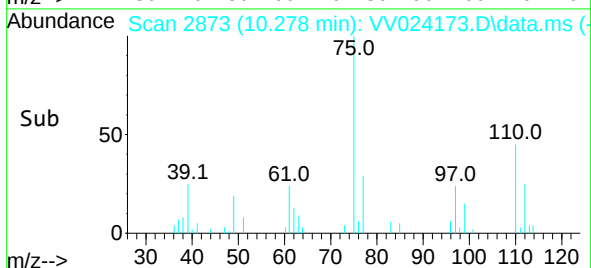
Tgt Ion:105 Resp: 65084
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0
77 16.1 12.2 18.4

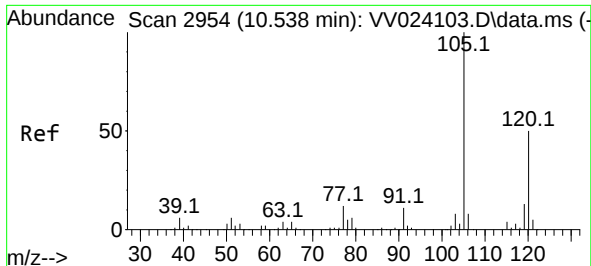


#61
1,2,3-Trichloropropane
Concen: 1.517 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25



Tgt Ion: 75 Resp: 8223
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6
110 43.5 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 1.326 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

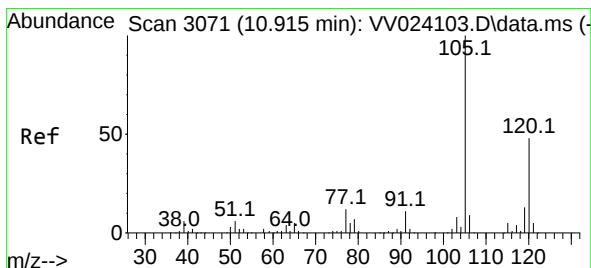
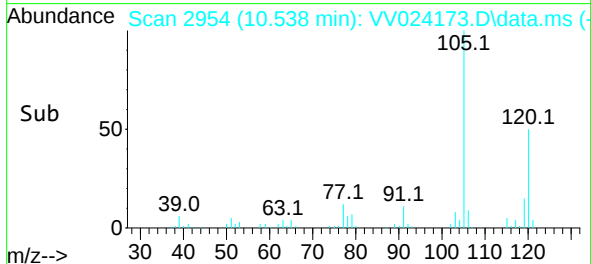
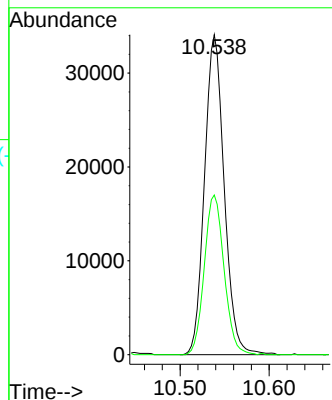
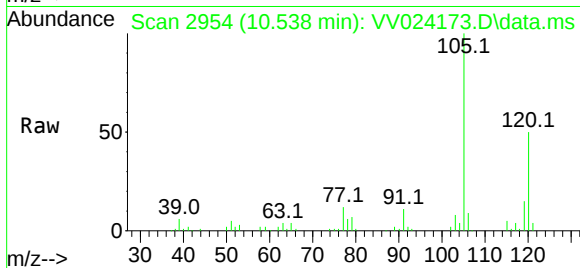
ClientSampleId :

Tgt Ion:105 Resp: 52288

Ion Ratio Lower Upper

105 100

120 50.1 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 1.348 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV024173.D

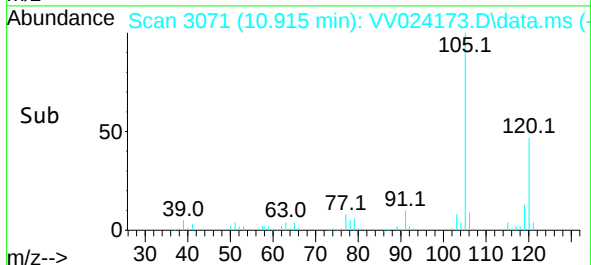
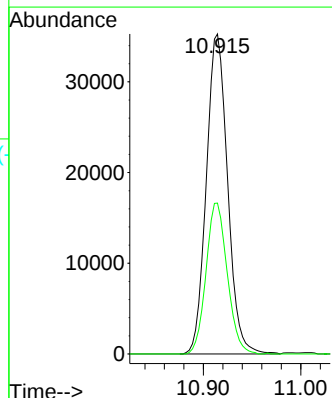
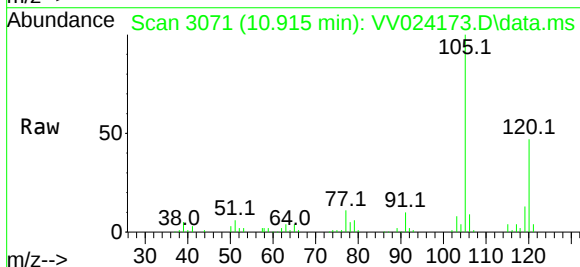
Acq: 27 Dec 2021 11:25

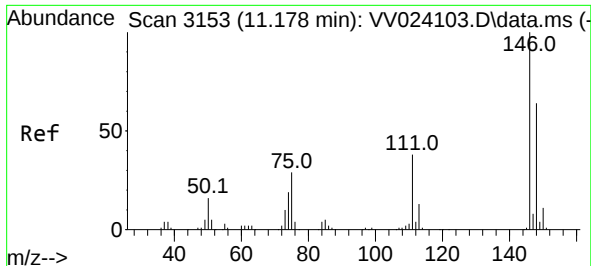
Tgt Ion:105 Resp: 53485

Ion Ratio Lower Upper

105 100

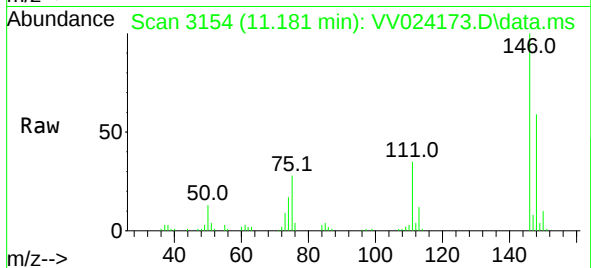
120 47.0 36.7 55.1



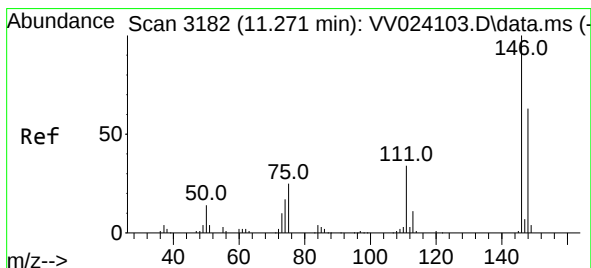
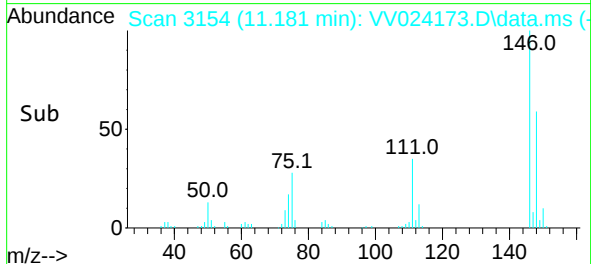
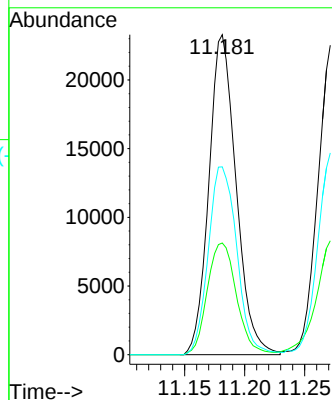


#64
1,3-Dichlorobenzene
Concen: 1.519 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Instrument :
MSVOA_V
ClientSampleId :

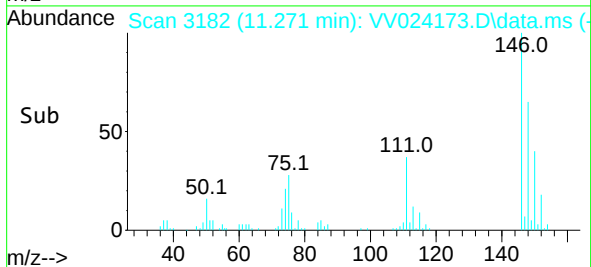
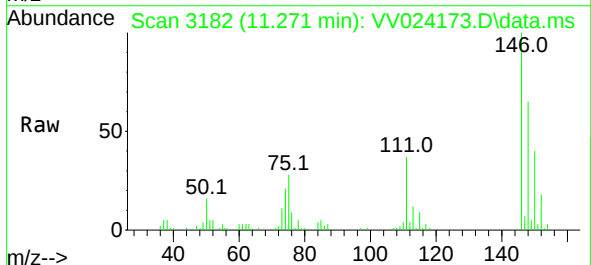
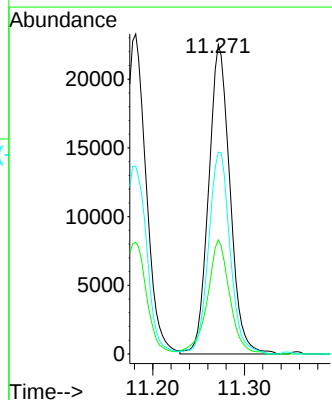


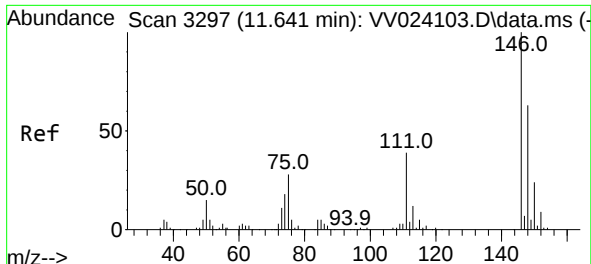
Tgt Ion:146 Resp: 36789
Ion Ratio Lower Upper
146 100
111 34.9 26.3 48.9
148 58.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 1.508 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024173.D
Acq: 27 Dec 2021 11:25

Tgt Ion:146 Resp: 36447
Ion Ratio Lower Upper
146 100
111 36.8 25.6 47.6
148 65.2 44.8 83.2

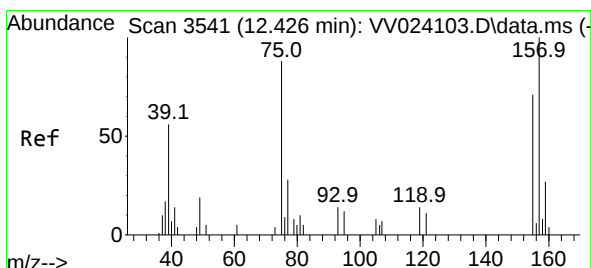
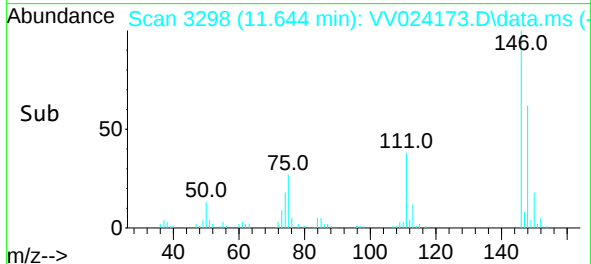
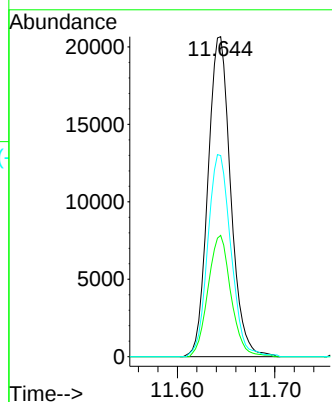
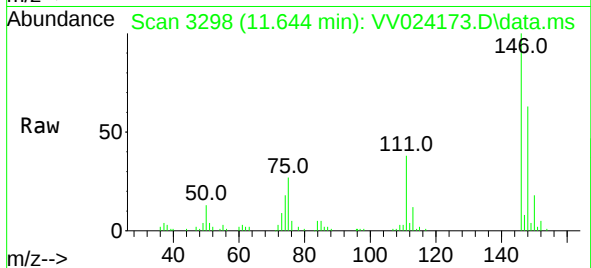




#67
 1,2-Dichlorobenzene
 Concen: 1.521 ug/L
 RT: 11.644 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

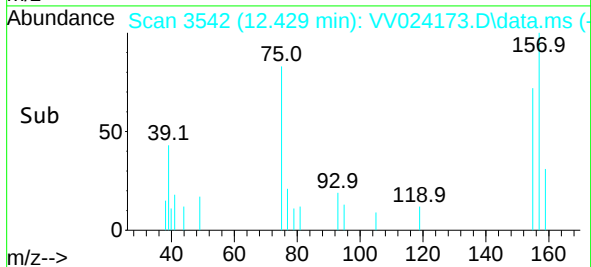
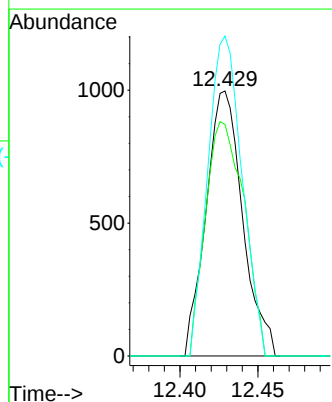
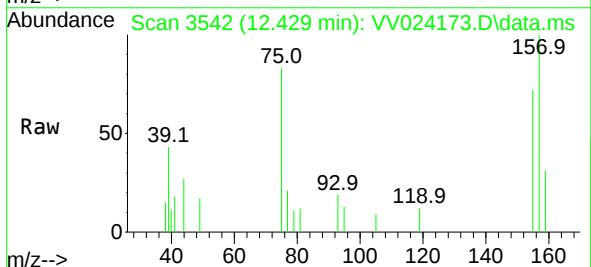
Instrument :
 MSVOA_V
 ClientSampleId :

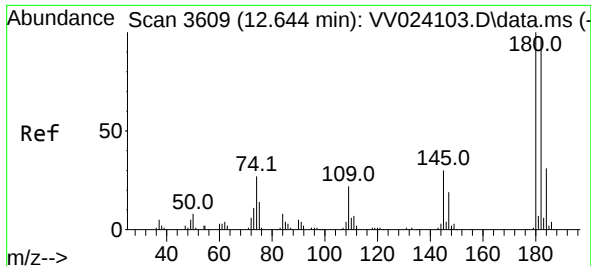
Tgt Ion:146 Resp: 33454
 Ion Ratio Lower Upper
 146 100
 111 37.9 31.9 47.9
 148 62.9 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.423 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV024173.D
 Acq: 27 Dec 2021 11:25

Tgt Ion: 75 Resp: 1629
 Ion Ratio Lower Upper
 75 100
 155 87.4 71.7 107.5
 157 120.8 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 1.365 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

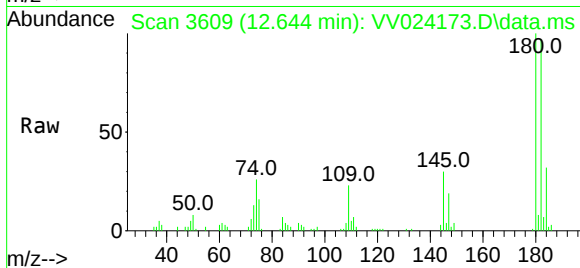
Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 27084

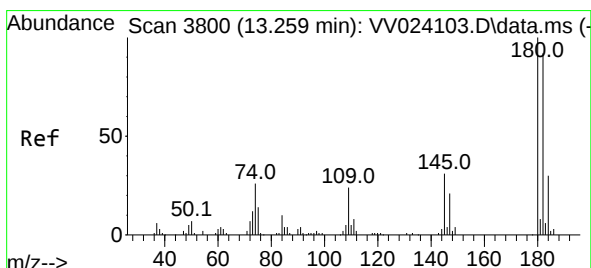
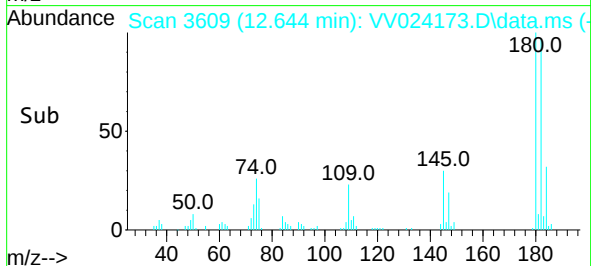
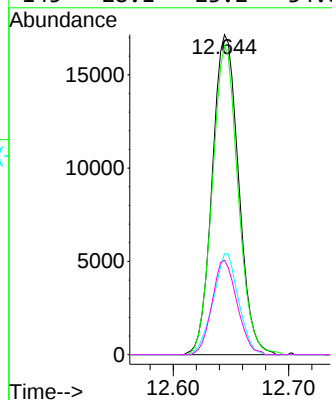
Ion Ratio Lower Upper

180 100

182 94.4 76.4 114.6

184 30.5 24.2 36.4

145 28.1 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 1.365 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

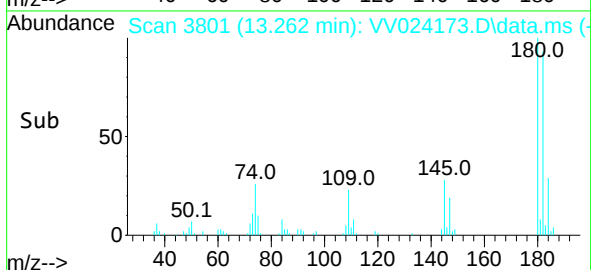
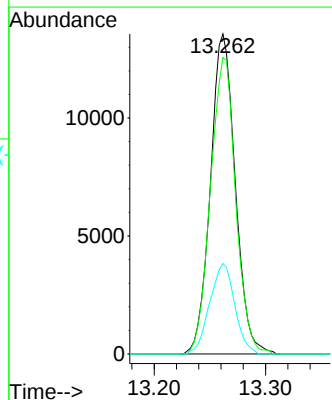
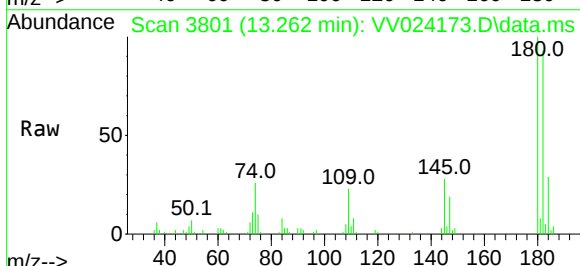
Tgt Ion:180 Resp: 20995

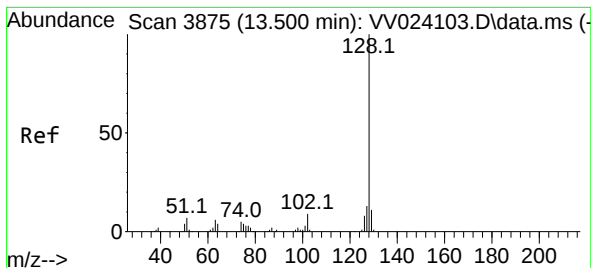
Ion Ratio Lower Upper

180 100

182 93.9 74.4 111.6

145 28.5 23.3 34.9





#71

Naphthalene

Concen: 1.276 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV024173.D

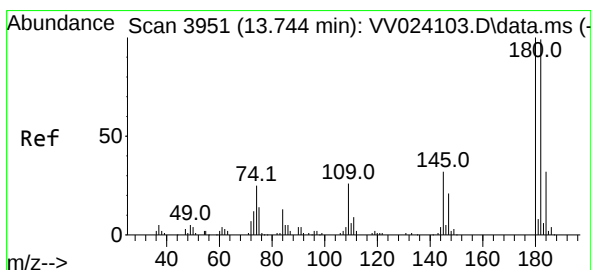
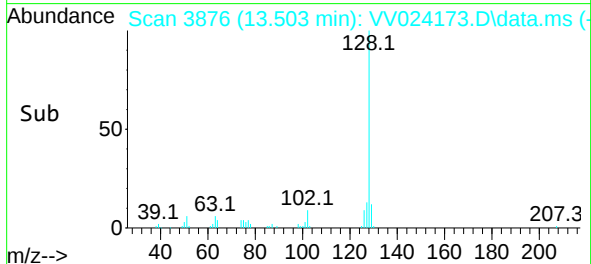
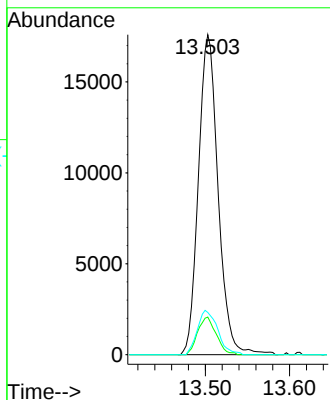
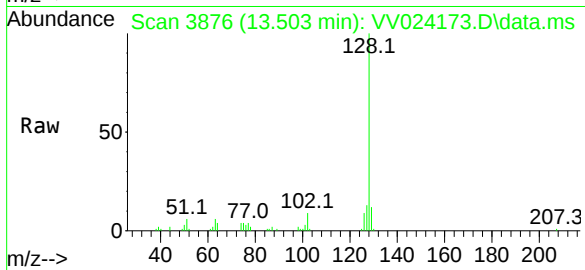
Acq: 27 Dec 2021 11:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	28642
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.0	13.4
127	14.3	10.2	15.4



#72

1,2,3-Trichlorobenzene

Concen: 1.348 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV024173.D

Acq: 27 Dec 2021 11:25

Tgt Ion:	180	Resp:	18409
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.8	115.2
145	32.1	25.8	38.6

