

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025707.D
 Acq On : 10 Dec 2021 17:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 23:35:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 23:31:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	120816	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	115671	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	58303	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	38661	46.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.780%
7) Chloroethane-d5	1.660	69	31894	46.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.740%
11) 1,1-Dichloroethene-d2	2.307	63	69145	52.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.200%
21) 2-Butanone-d5	4.453	46	54265	88.413	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.410%
24) Chloroform-d	5.062	84	70285	48.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
26) 1,2-Dichloroethane-d4	5.958	65	44840	49.922	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
32) Benzene-d6	5.977	84	142707	46.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.100%
36) 1,2-Dichloropropane-d6	7.312	67	42255	44.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.040%
41) Toluene-d8	8.653	98	135001	46.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.300%
43) trans-1,3-Dichloroprop...	8.952	79	20362	42.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.340%
47) 2-Hexanone-d5	9.385	63	40351	81.670	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.670%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	59949	44.690	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.380%
66) 1,2-Dichlorobenzene-d4	12.323	152	52613	46.010	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	38169	53.837	ug/L	100
3) Chloromethane	1.295	50	36226	49.505	ug/L	97
5) Vinyl chloride	1.374	62	39776	46.560	ug/L	99
6) Bromomethane	1.599	94	24328	54.436	ug/L	99
8) Chloroethane	1.685	64	26842	47.166	ug/L	99
9) Trichlorofluoromethane	1.886	101	66418	49.822	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	37032	52.896	ug/L	97
12) 1,1-Dichloroethene	2.319	96	32820	50.588	ug/L	93
13) Acetone	2.380	43	41593	82.415	ug/L	97
14) Carbon disulfide	2.514	76	74659	46.802	ug/L	99
15) Methyl Acetate	2.709	43	40152	49.228	ug/L #	90
16) Methylene chloride	2.788	84	37225	49.609	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	34191	48.952	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	115233	48.541	ug/L	99
19) 1,1-Dichloroethane	3.611	63	63363	50.656	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	40168	48.802	ug/L	99
22) 2-Butanone	4.556	43	62382	93.465	ug/L	97
23) Bromochloromethane	4.904	128	21525	49.501	ug/L	96
25) Chloroform	5.099	83	70083	51.484	ug/L	97

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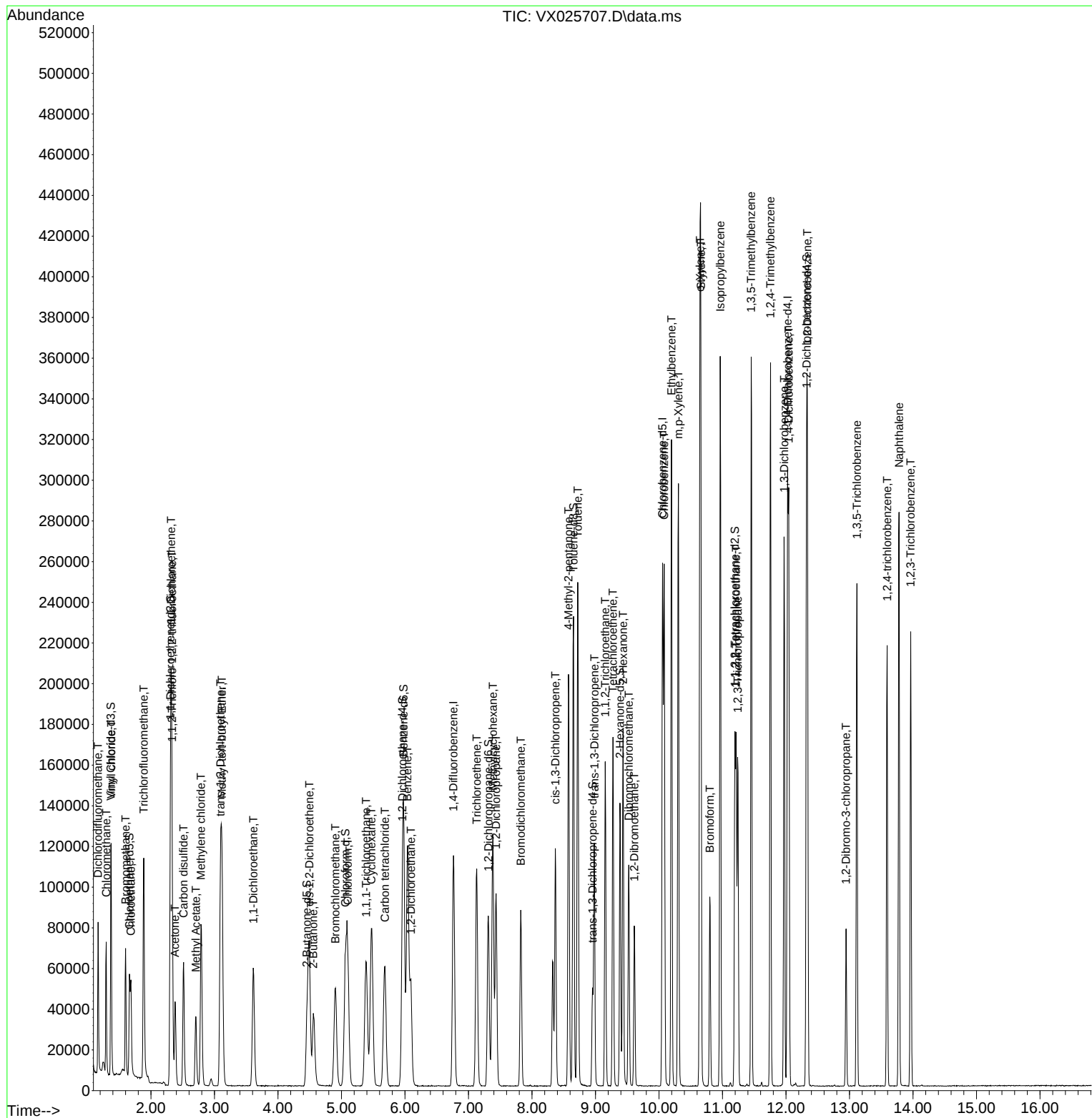
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	53145	53.678	ug/L	99
29) Cyclohexane	5.471	56	53513	45.157	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	61353	48.048	ug/L	99
31) Carbon tetrachloride	5.684	117	55864	48.992	ug/L	98
33) Benzene	6.038	78	146104	47.281	ug/L	100
34) Trichloroethene	7.129	95	39190	48.218	ug/L	96
35) Methylcyclohexane	7.385	83	57357	44.837	ug/L	99
37) 1,2-Dichloropropane	7.434	63	37195	47.989	ug/L	100
38) Bromodichloromethane	7.824	83	52913	49.022	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	57532	45.573	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	117479	94.921	ug/L	98
42) Toluene	8.720	91	161357	47.348	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	55022	45.348	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	39076	47.508	ug/L	98
46) Tetrachloroethene	9.275	164	31106	45.128	ug/L	98
48) 2-Hexanone	9.433	43	92945	93.502	ug/L	98
49) Dibromochloromethane	9.525	129	46530	49.081	ug/L	96
50) 1,2-Dibromoethane	9.610	107	42293	48.244	ug/L	99
51) Chlorobenzene	10.080	112	107888	47.994	ug/L	99
52) Ethylbenzene	10.195	91	176367	48.154	ug/L	98
53) m,p-Xylene	10.305	106	70488	47.513	ug/L	98
54) o-Xylene	10.647	106	69537	46.824	ug/L	93
55) Styrene	10.659	104	121509	49.241	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	61443	48.377	ug/L	99
59) Bromoform	10.799	173	33725	46.880	ug/L	99
60) Isopropylbenzene	10.964	105	183097	48.865	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	49460	49.591	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	154260	49.223	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	153495	48.475	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	85859	49.903	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	85820	49.381	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	84960	48.835	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	13655	49.262	ug/L	91
69) 1,3,5-Trichlorobenzene	13.116	180	57691	46.092	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	49640	47.182	ug/L	96
71) Naphthalene	13.780	128	176929	49.614	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	50284	46.654	ug/L	98

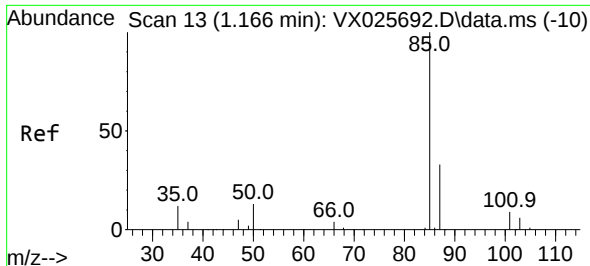
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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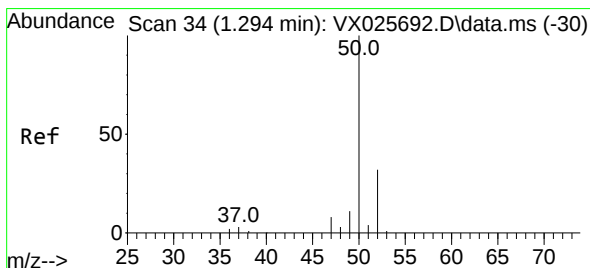
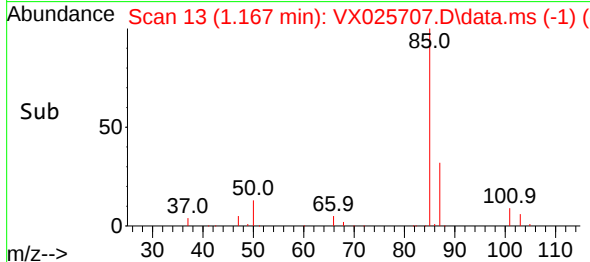
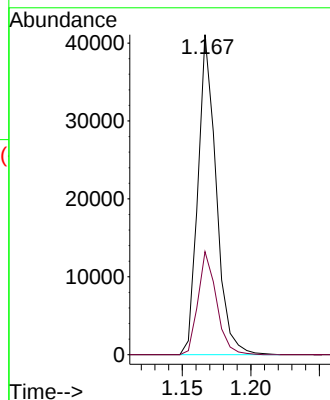
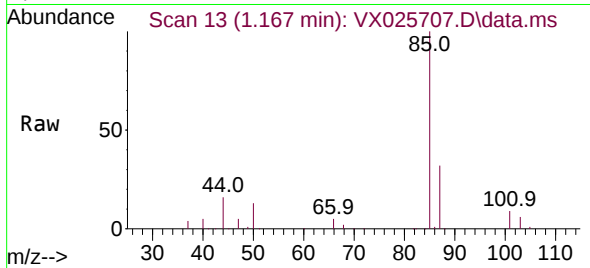




#2
 Dichlorodifluoromethane
 Concen: 53.837 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

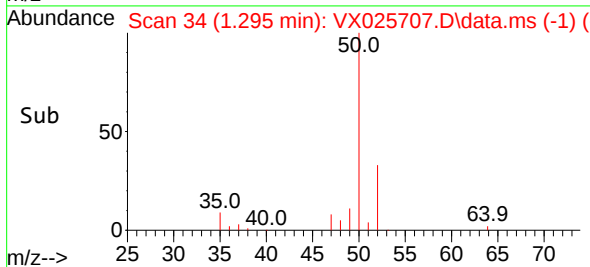
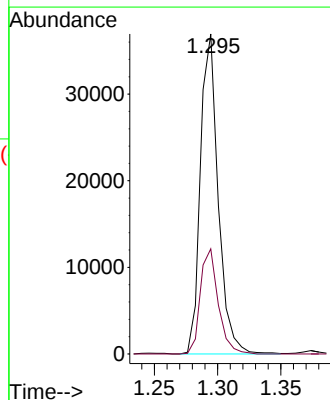
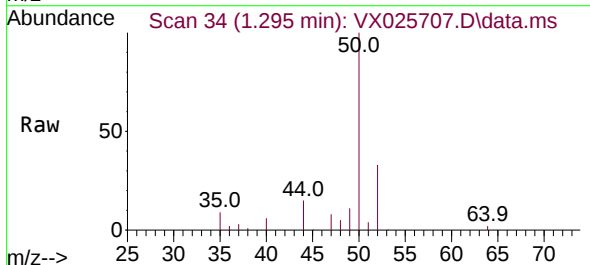
Instrument :
 MSVOA_X
 ClientSampleId :

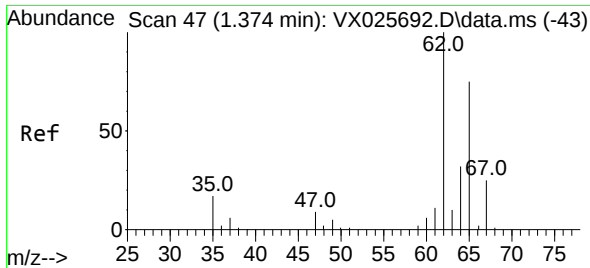
Tgt Ion: 85 Resp: 38169
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.6



#3
 Chloromethane
 Concen: 49.505 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

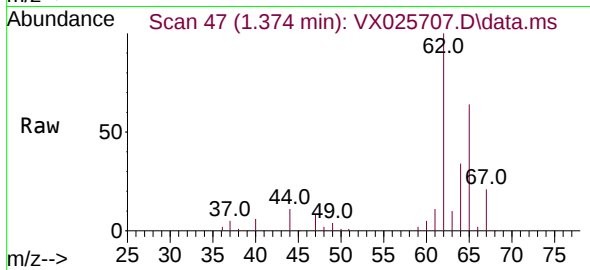
Tgt Ion: 50 Resp: 36226
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.0 40.8



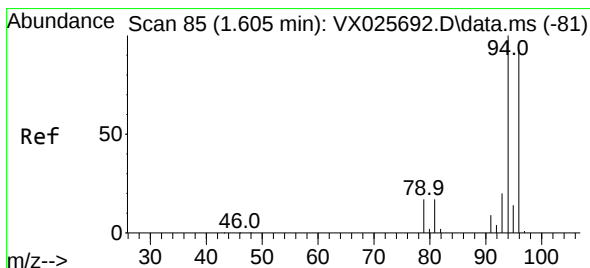
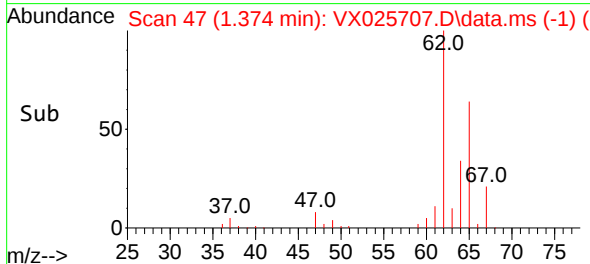
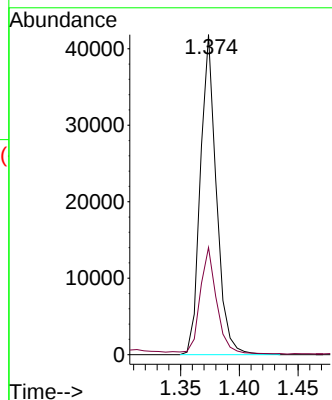


#5
 Vinyl chloride
 Concen: 46.560 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

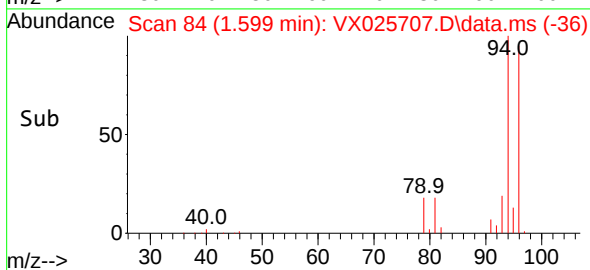
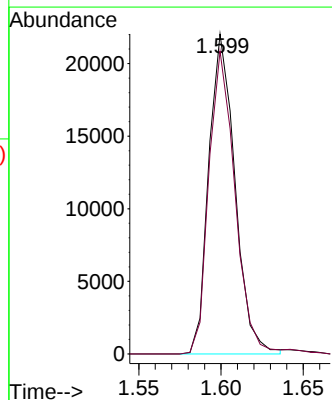
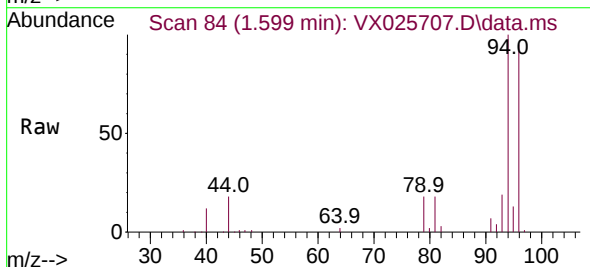


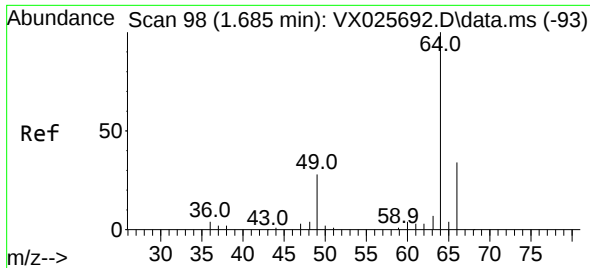
Tgt Ion: 62 Resp: 39776
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.9 42.5



#6
 Bromomethane
 Concen: 54.436 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

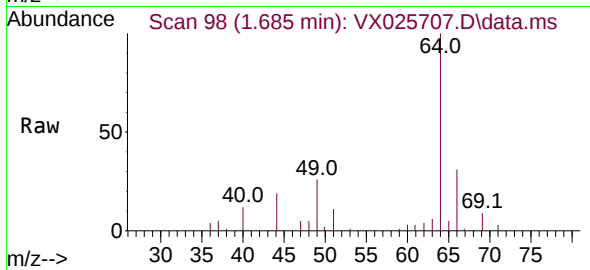
Tgt Ion: 94 Resp: 24328
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.7 123.9



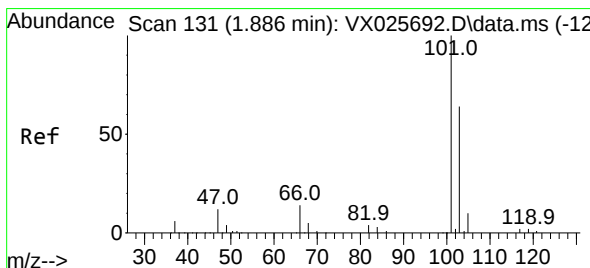
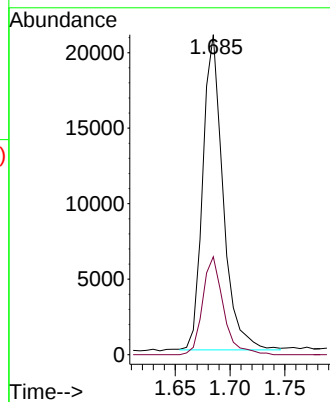
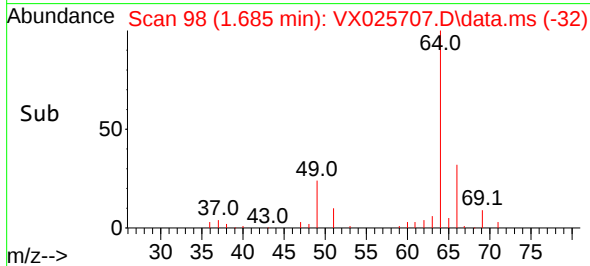


#8
 Chloroethane
 Concen: 47.166 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

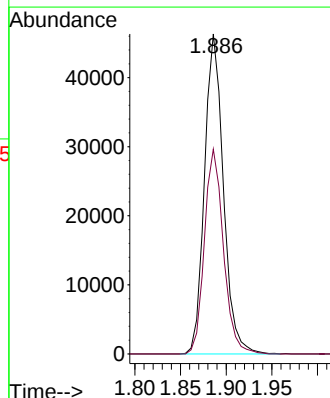
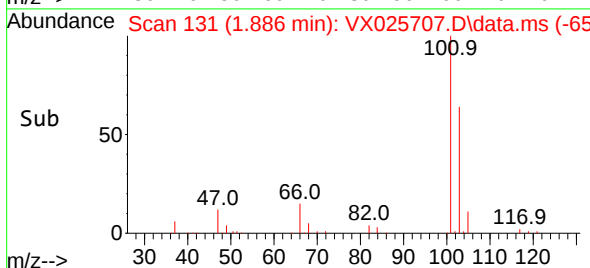
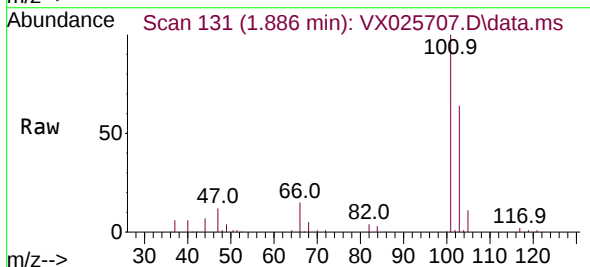


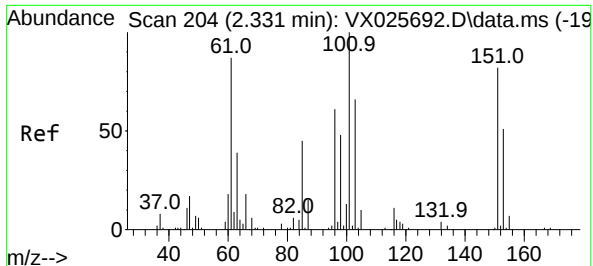
Tgt Ion: 64 Resp: 26842
 Ion Ratio Lower Upper
 64 100
 66 30.6 22.0 40.8



#9
 Trichlorofluoromethane
 Concen: 49.822 ug/L
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

Tgt Ion: 101 Resp: 66418
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 52.896 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Instrument :

MSVOA_X

ClientSampleId :

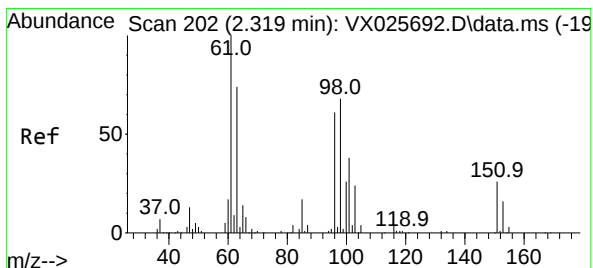
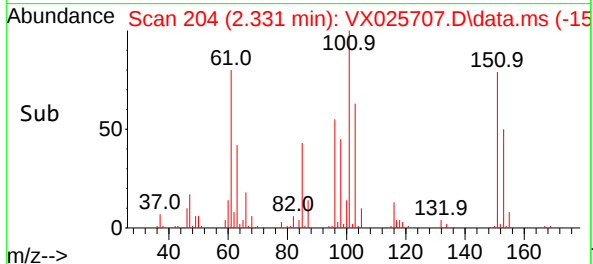
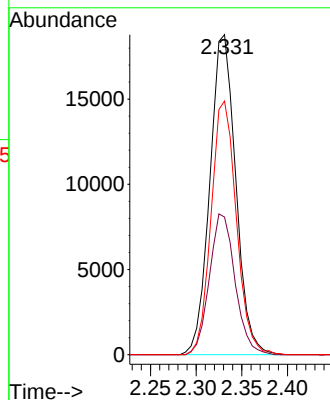
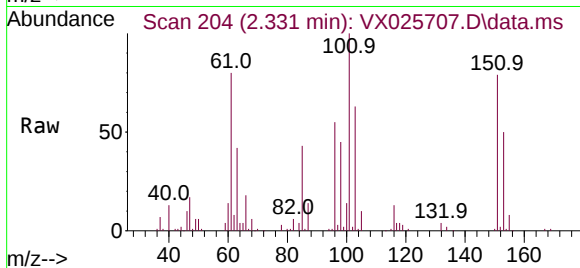
Tgt Ion:101 Resp: 37032

Ion Ratio Lower Upper

101 100

85 43.5 34.3 51.5

151 77.3 65.2 97.8



#12

1,1-Dichloroethene

Concen: 50.588 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

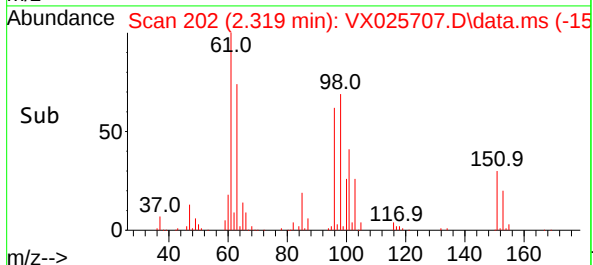
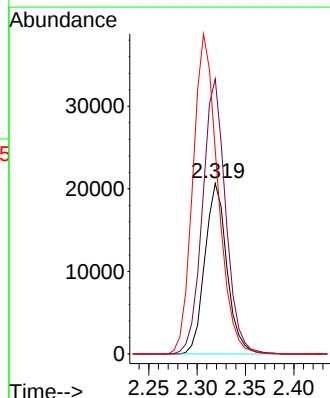
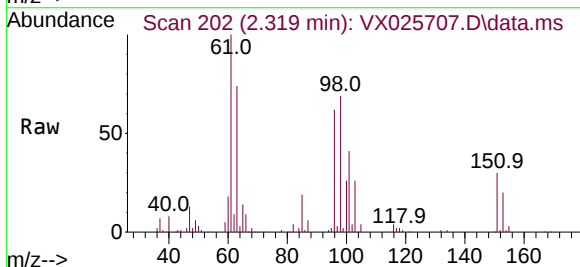
Tgt Ion: 96 Resp: 32820

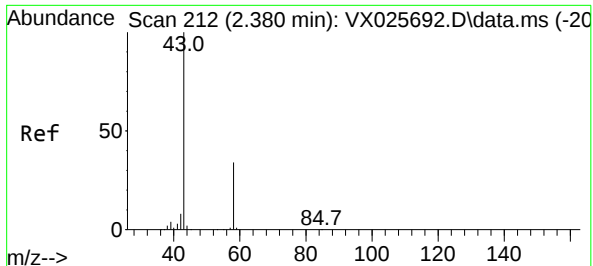
Ion Ratio Lower Upper

96 100

61 161.2 108.7 201.9

63 119.5 76.3 141.7

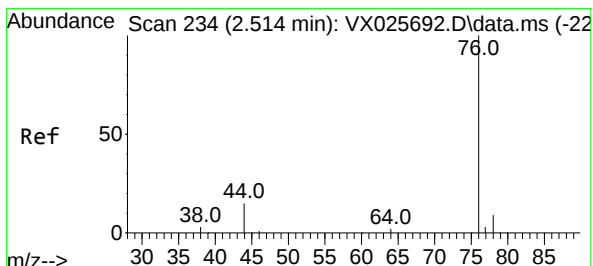
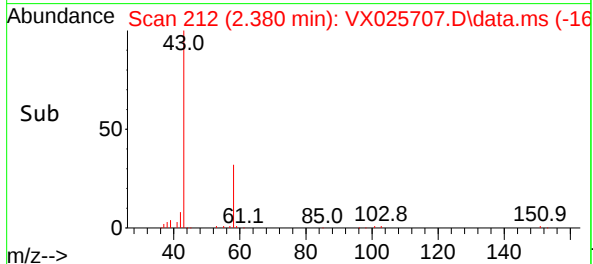
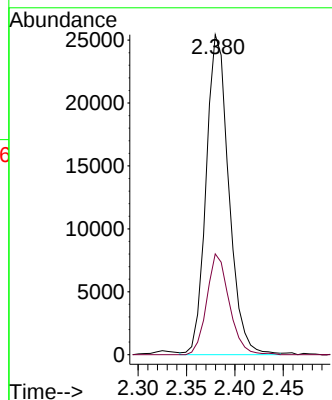
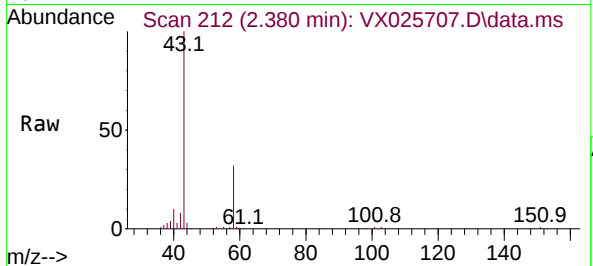




#13
Acetone
Concen: 82.415 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

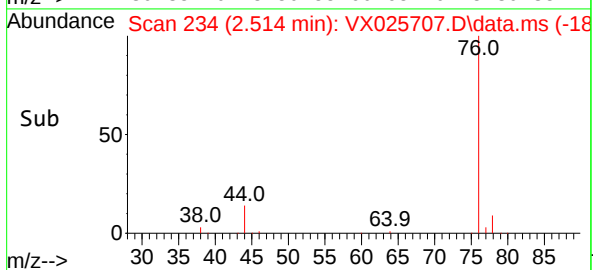
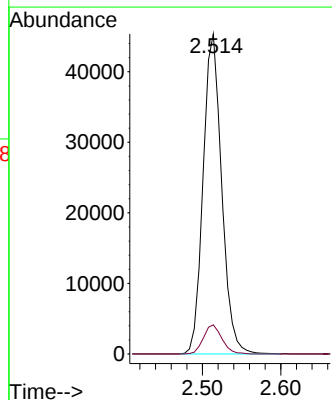
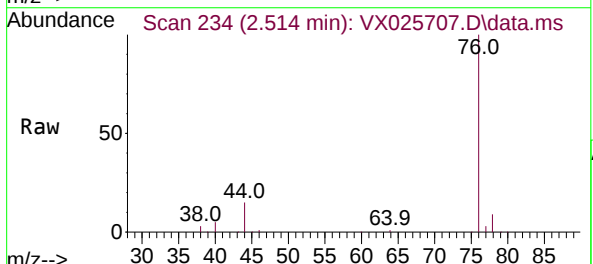
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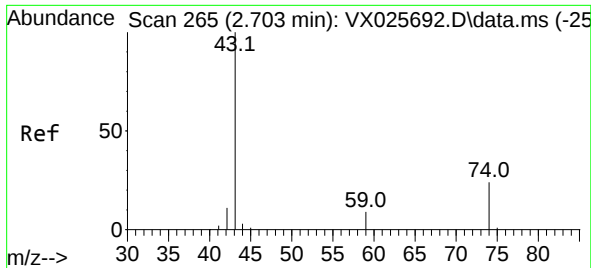
Tgt Ion: 43 Resp: 41593
Ion Ratio Lower Upper
43 100
58 31.0 0.0 65.6



#14
Carbon disulfide
Concen: 46.802 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 74659
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

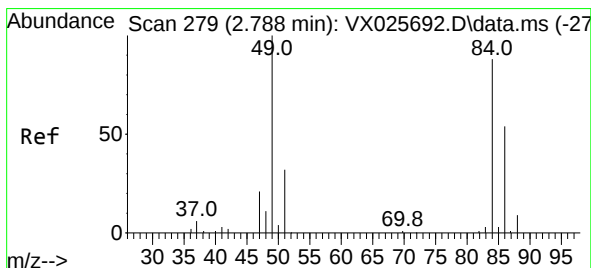
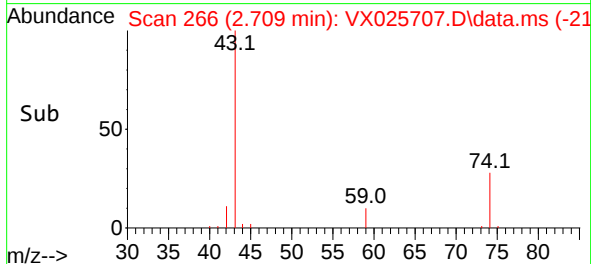
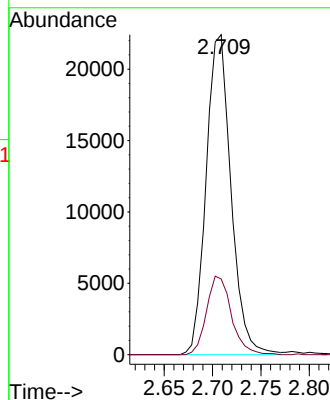
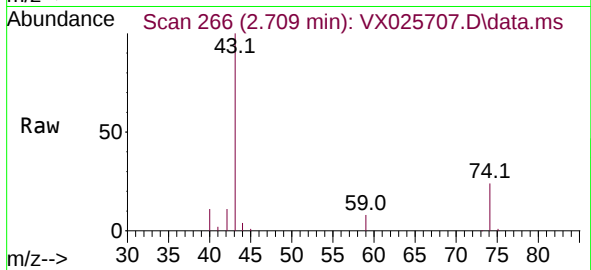




#15
Methyl Acetate
Concen: 49.228 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

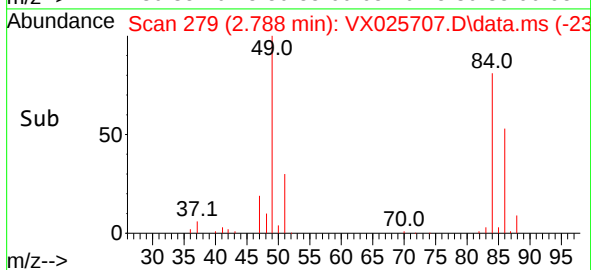
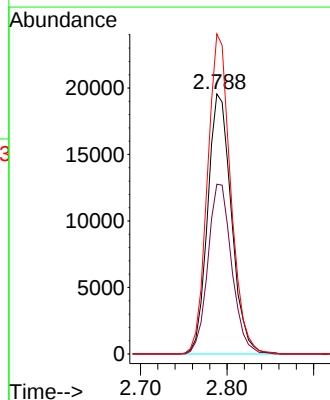
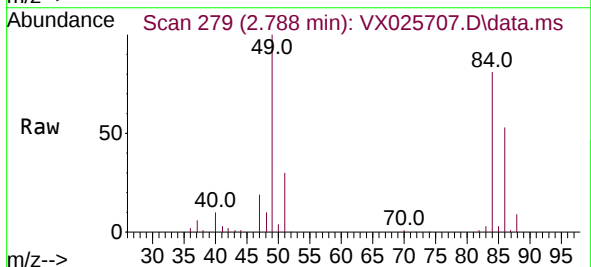
Instrument :
MSVOA_X
ClientSampleId :

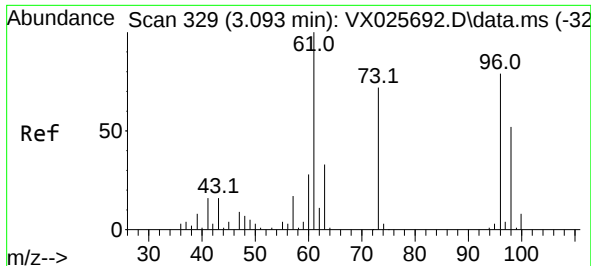
Tgt Ion: 43 Resp: 40152
Ion Ratio Lower Upper
43 100
74 24.4 0.1 0.1#



#16
Methylene chloride
Concen: 49.609 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

Tgt Ion: 84 Resp: 37225
Ion Ratio Lower Upper
84 100
86 65.3 45.1 83.9
49 123.1 82.3 152.8





#17

trans-1,2-Dichloroethene

Concen: 48.952 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Instrument :

MSVOA_X

ClientSampleId :

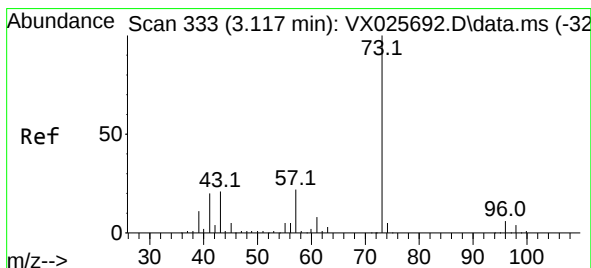
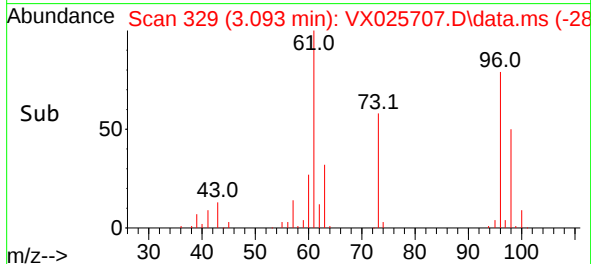
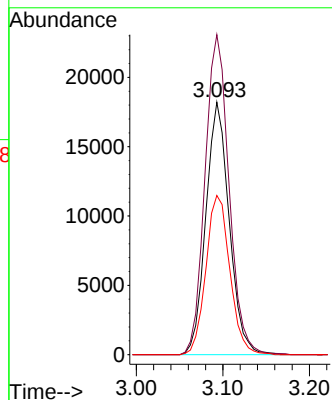
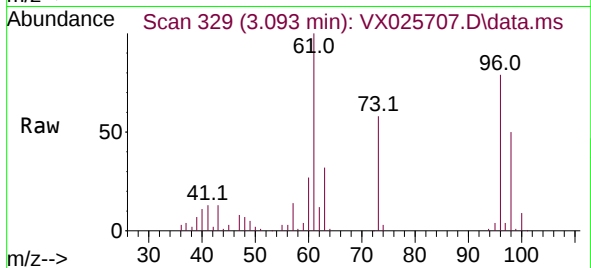
Tgt Ion: 96 Resp: 34191

Ion Ratio Lower Upper

96 100

61 126.8 88.5 164.4

98 63.0 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 48.541 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

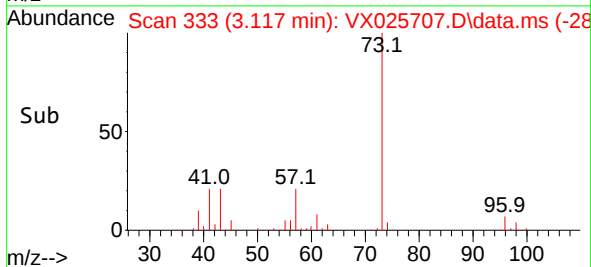
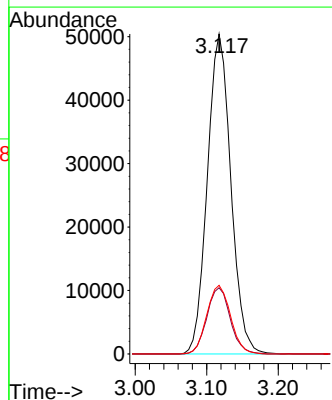
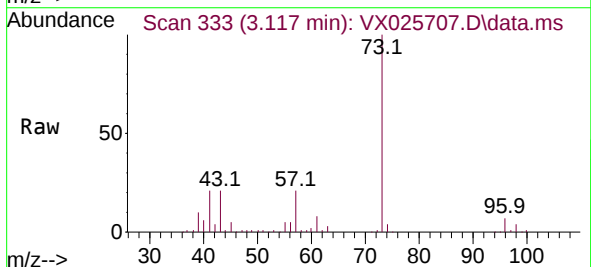
Tgt Ion: 73 Resp: 115233

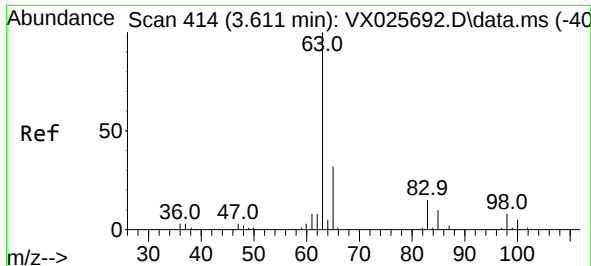
Ion Ratio Lower Upper

73 100

43 20.7 15.7 23.5

57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 50.656 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Instrument :

MSVOA_X

ClientSampleId :

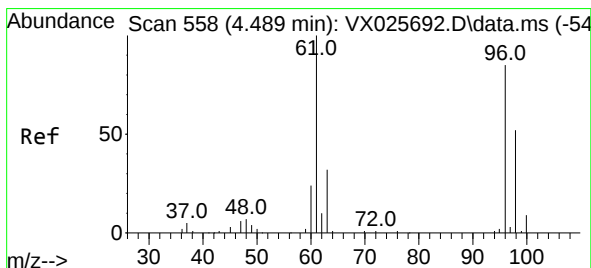
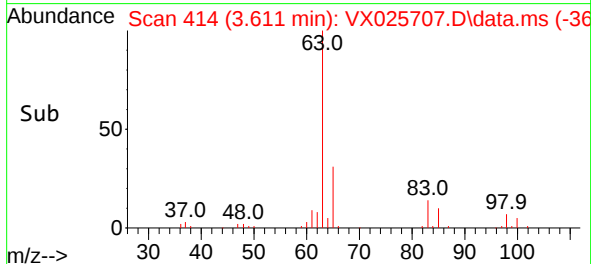
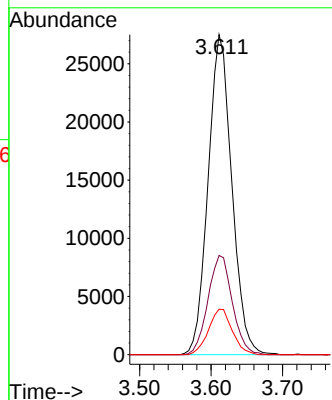
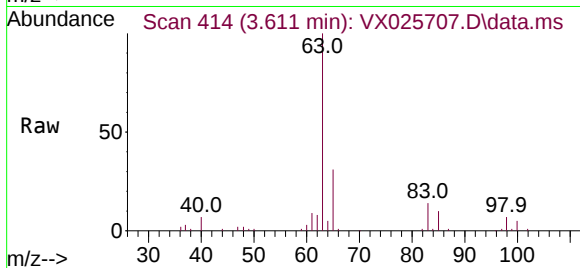
Tgt Ion: 63 Resp: 63363

Ion Ratio Lower Upper

63 100

65 31.0 22.2 41.2

83 14.2 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 48.802 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

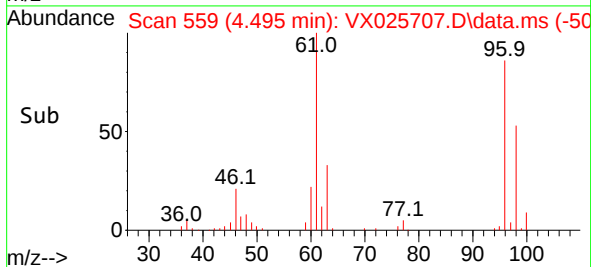
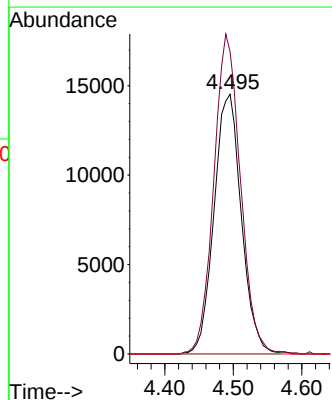
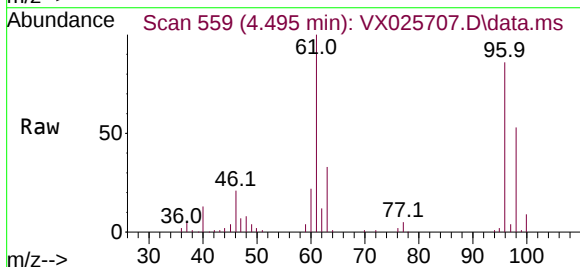
Tgt Ion: 96 Resp: 40168

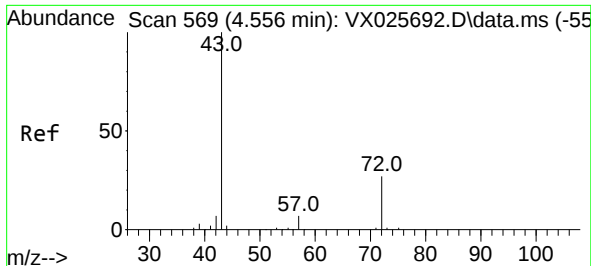
Ion Ratio Lower Upper

96 100

61 116.4 82.3 152.8

68 0.0 0.0 0.0

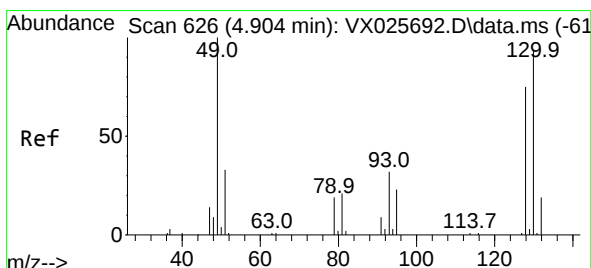
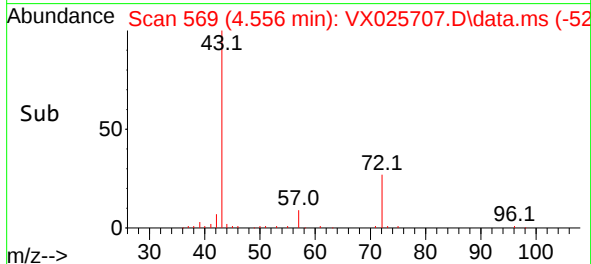
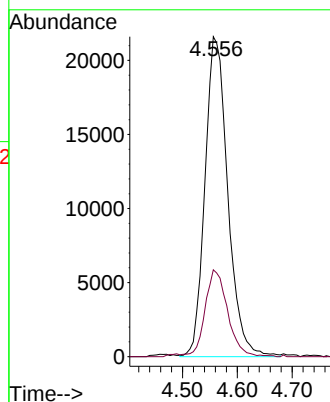
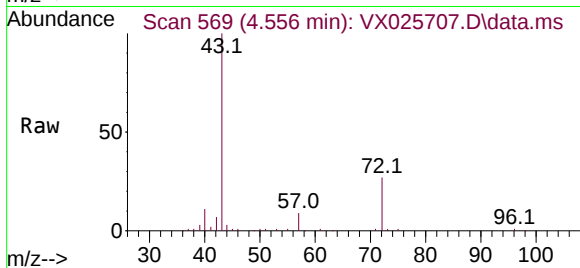




#22
2-Butanone
Concen: 93.465 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

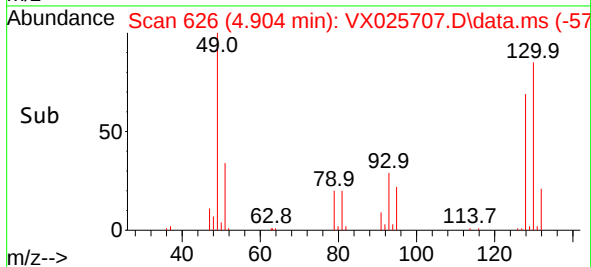
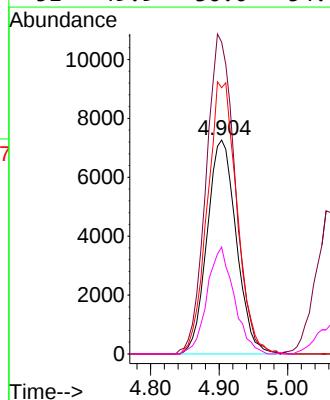
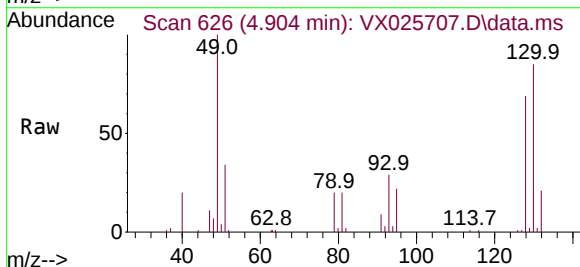
Instrument :
MSVOA_X
ClientSampleId :

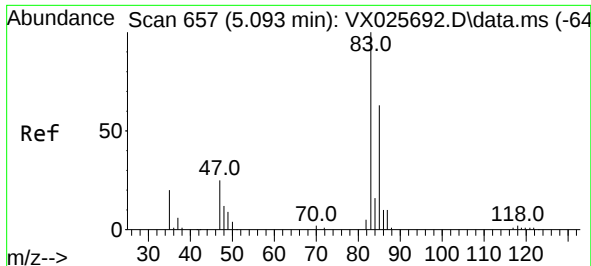
Tgt Ion: 43 Resp: 62382
Ion Ratio Lower Upper
43 100
72 26.1 13.8 41.3



#23
Bromochloromethane
Concen: 49.501 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

Tgt Ion: 128 Resp: 21525
Ion Ratio Lower Upper
128 100
49 145.7 97.7 181.5
130 124.4 88.2 163.8
51 49.9 36.0 54.0

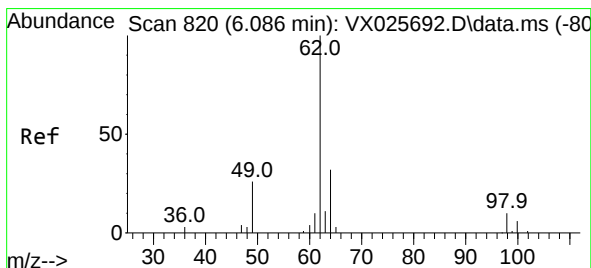
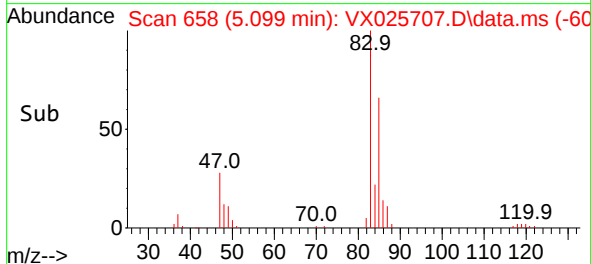
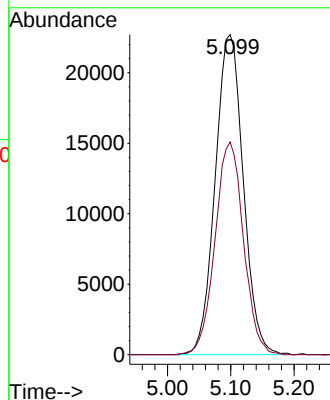
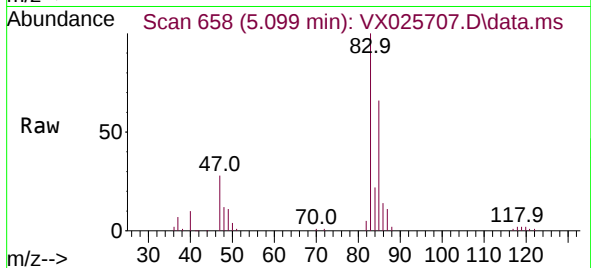




#25
Chloroform
Concen: 51.484 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

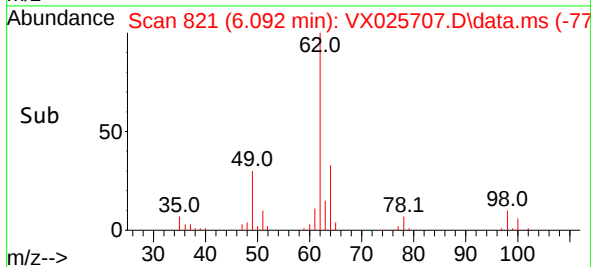
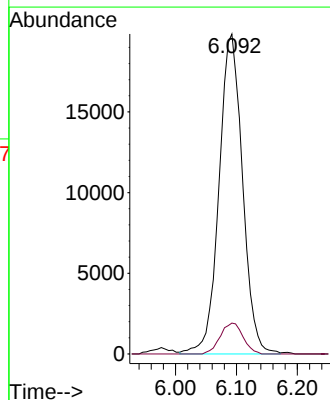
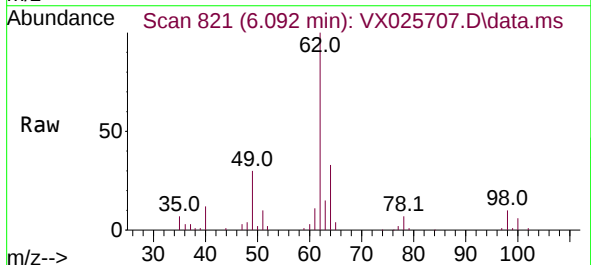
Instrument :
MSVOA_X
ClientSampleId :

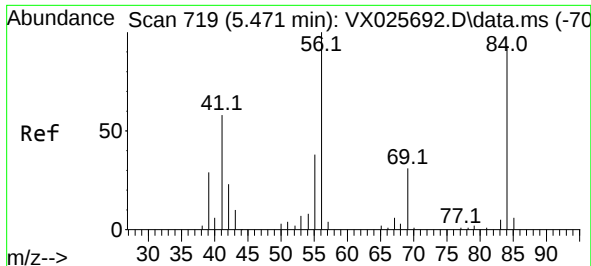
Tgt Ion: 83 Resp: 70083
Ion Ratio Lower Upper
83 100
85 66.5 44.9 83.5



#27
1,2-Dichloroethane
Concen: 53.678 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

Tgt Ion: 62 Resp: 53145
Ion Ratio Lower Upper
62 100
98 9.7 8.2 12.2





#29

Cyclohexane

Concen: 45.157 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Instrument :

MSVOA_X

ClientSampleId :

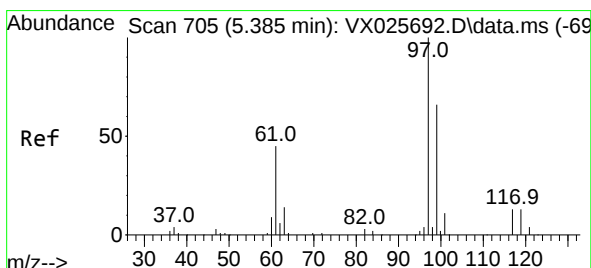
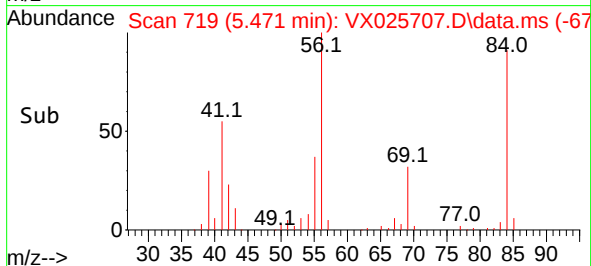
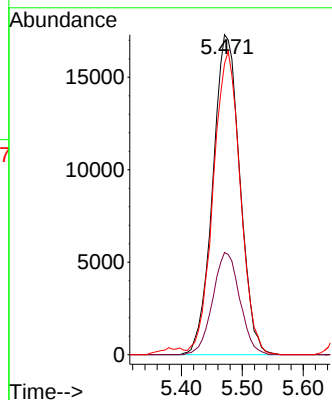
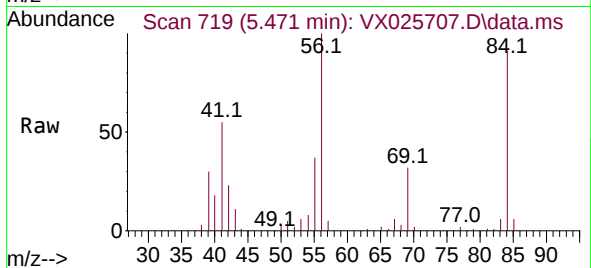
Tgt Ion: 56 Resp: 53513

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 94.5 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 48.048 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

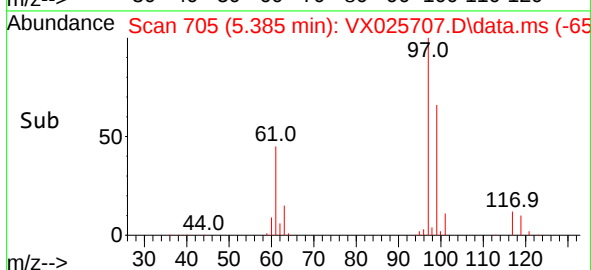
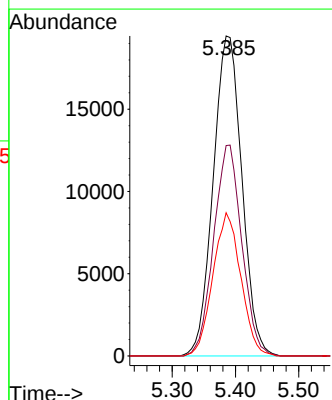
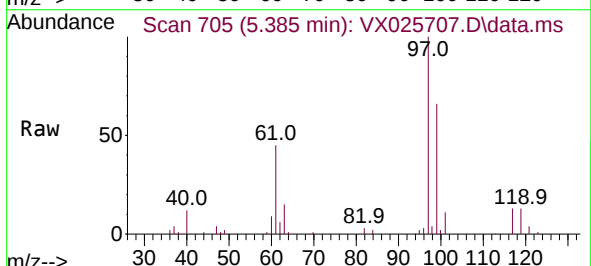
Tgt Ion: 97 Resp: 61353

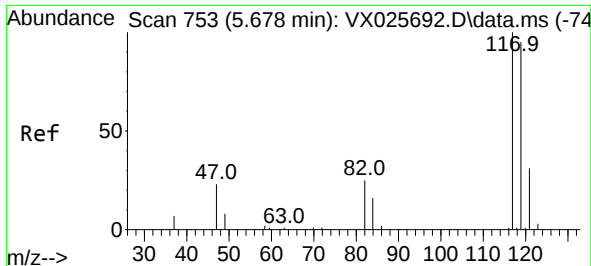
Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 43.5 33.1 49.7

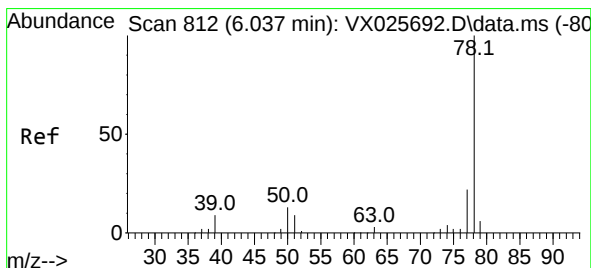
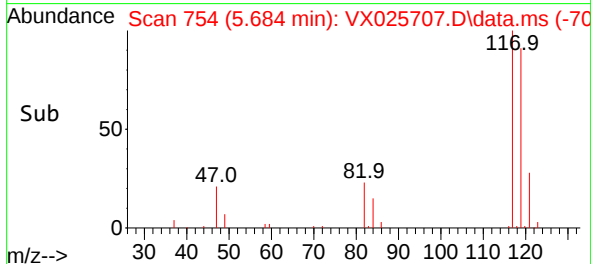
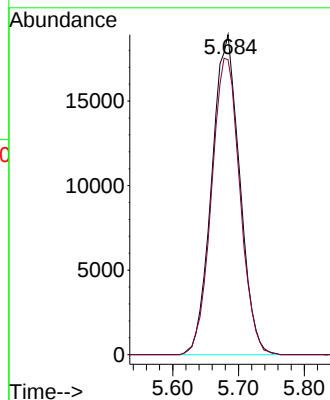
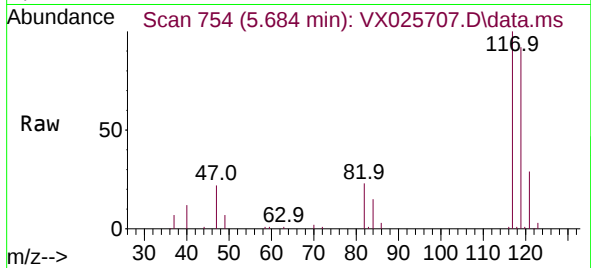




#31
Carbon tetrachloride
Concen: 48.992 ug/L
RT: 5.684 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

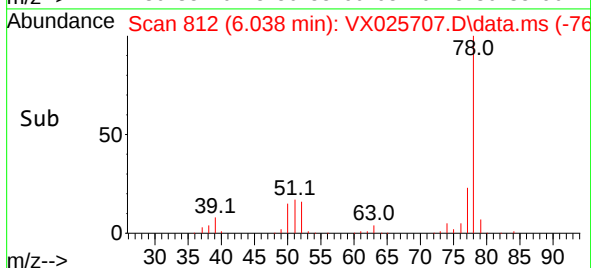
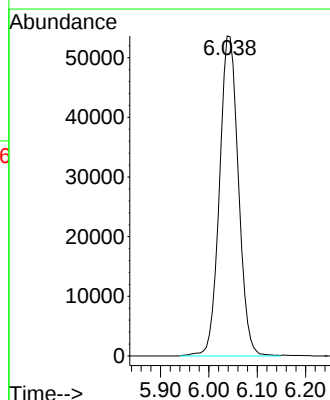
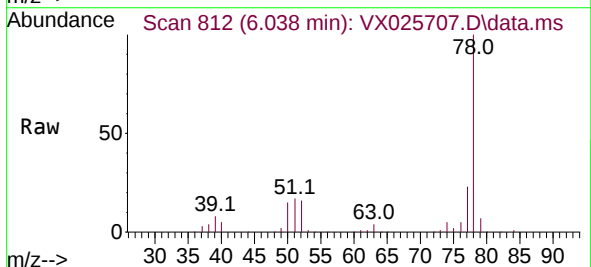
Instrument :
MSVOA_X
ClientSampleId :

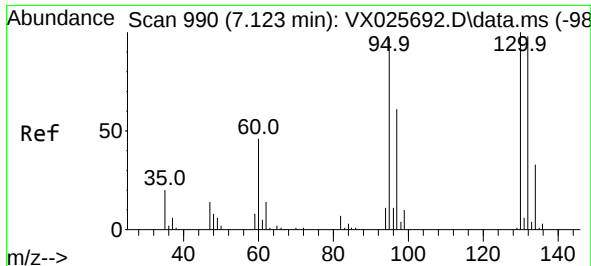
Tgt Ion:117 Resp: 55864
Ion Ratio Lower Upper
117 100
119 94.3 76.8 115.2



#33
Benzene
Concen: 47.281 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

Tgt Ion: 78 Resp: 146104

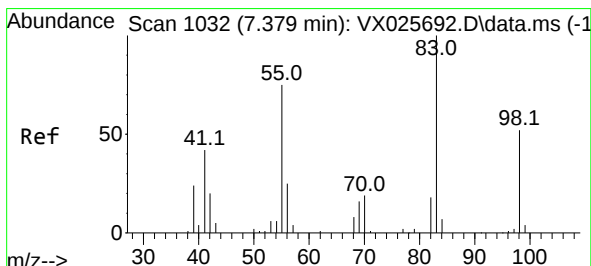
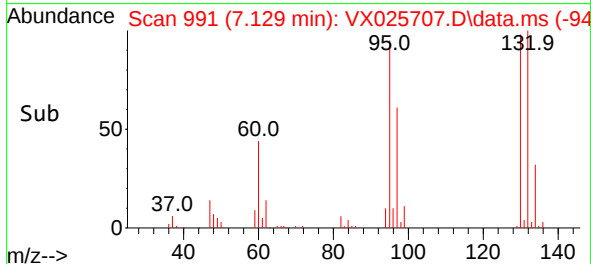
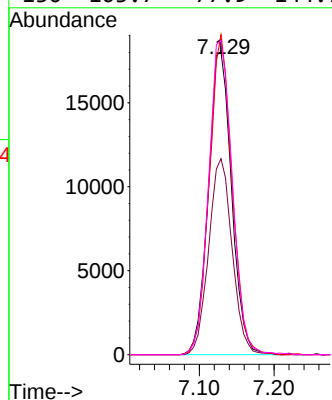
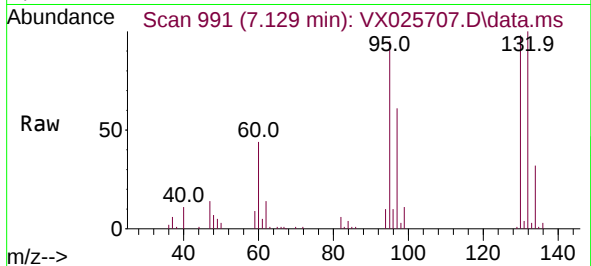




#34
Trichloroethene
Concen: 48.218 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

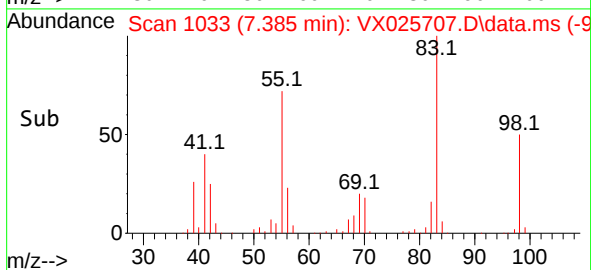
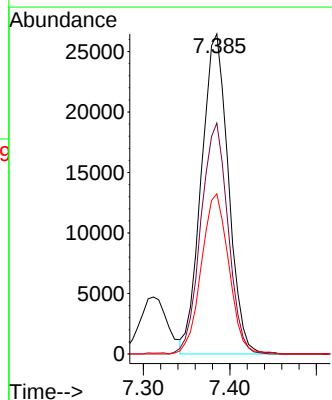
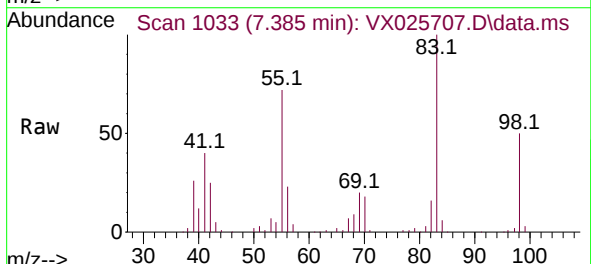
Instrument :
MSVOA_X
ClientSampleId :

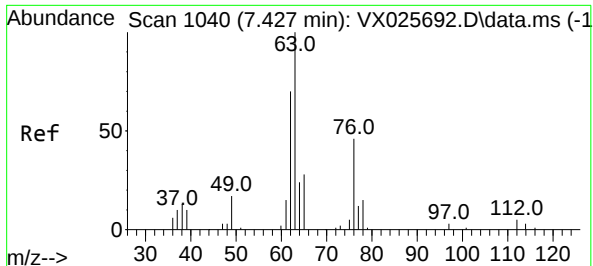
Tgt Ion: 95 Resp: 39190
Ion Ratio Lower Upper
95 100
97 64.7 46.0 85.4
132 105.6 75.0 139.2
130 103.7 77.9 144.7



#35
Methylcyclohexane
Concen: 44.837 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

Tgt Ion: 83 Resp: 57357
Ion Ratio Lower Upper
83 100
55 72.3 57.3 85.9
98 50.9 41.1 61.7





#37

1,2-Dichloropropane

Concen: 47.989 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Instrument :

MSVOA_X

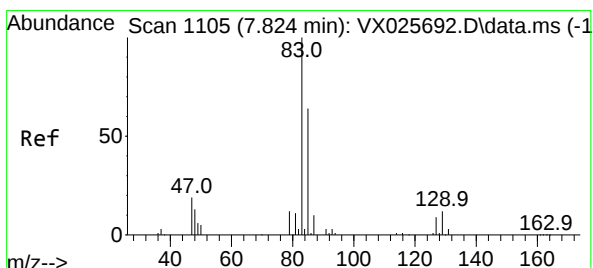
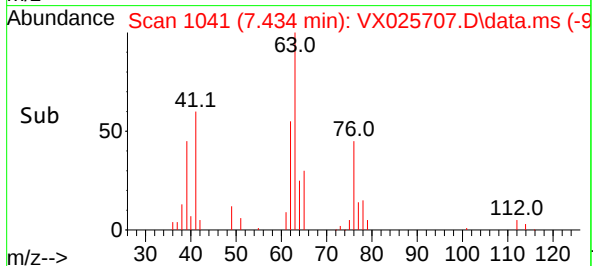
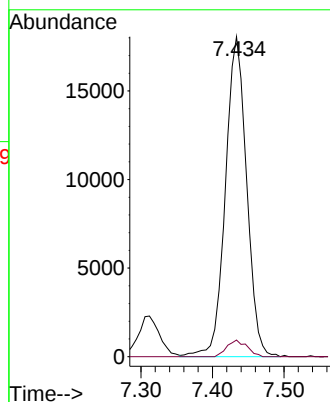
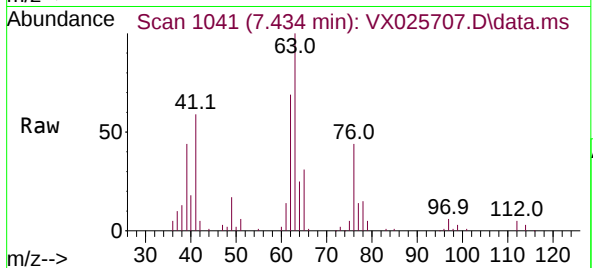
ClientSampleId :

Tgt Ion: 63 Resp: 37195

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 49.022 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

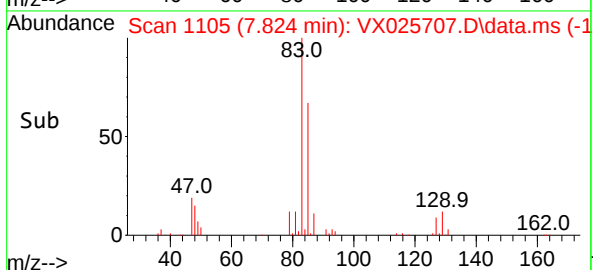
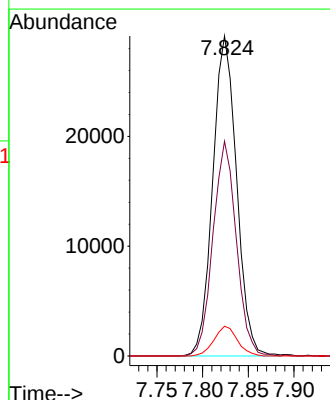
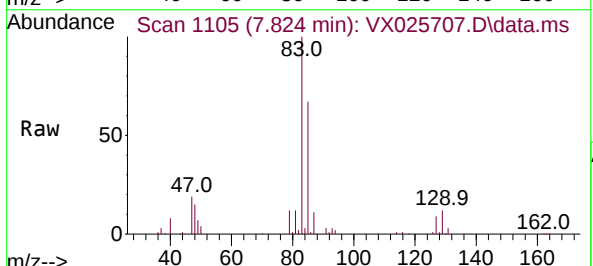
Tgt Ion: 83 Resp: 52913

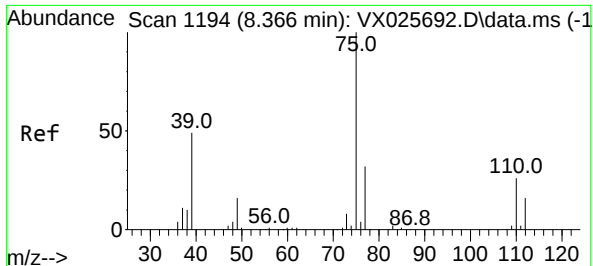
Ion Ratio Lower Upper

83 100

85 67.1 45.3 84.1

127 9.3 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 45.573 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Instrument :

MSVOA_X

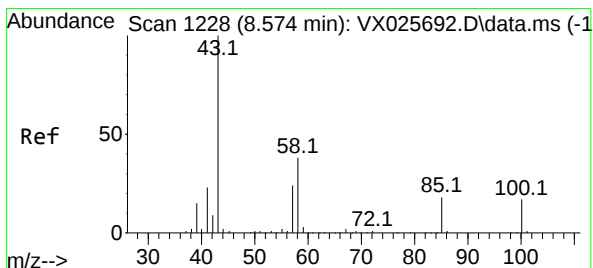
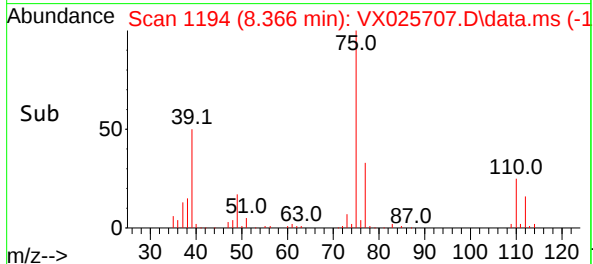
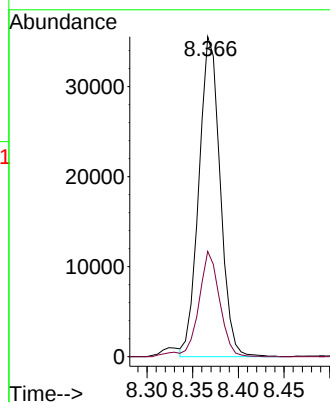
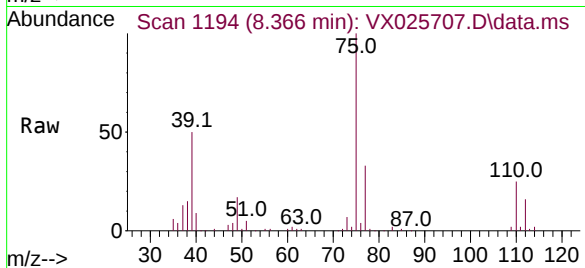
ClientSampleId :

Tgt Ion: 75 Resp: 57532

Ion Ratio Lower Upper

75 100

77 32.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 94.921 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

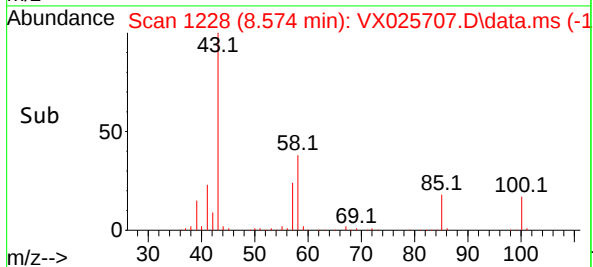
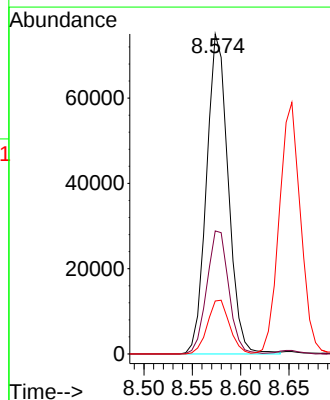
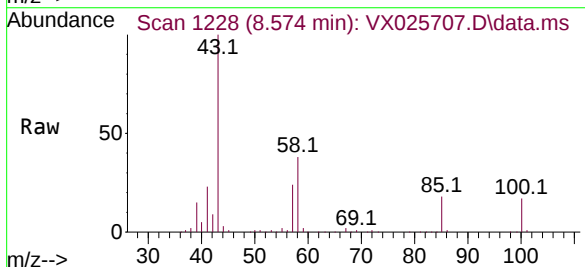
Tgt Ion: 43 Resp: 117479

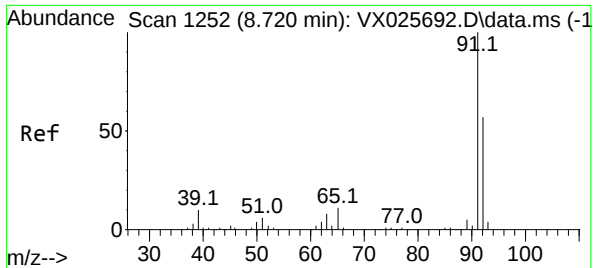
Ion Ratio Lower Upper

43 100

58 38.9 32.2 48.2

100 17.1 14.2 21.2

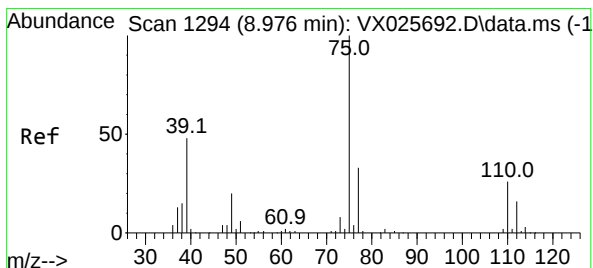
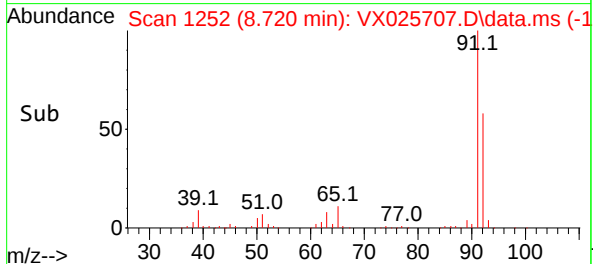
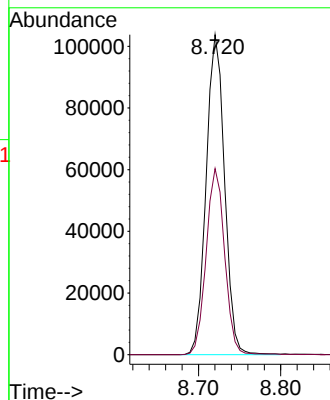
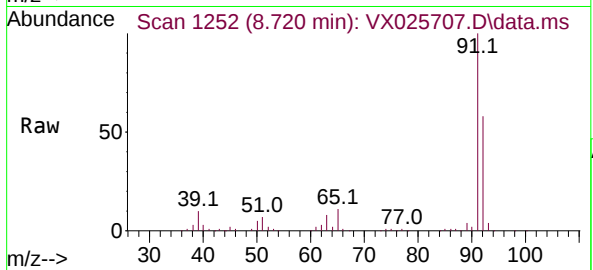




#42
Toluene
Concen: 47.348 ug/L
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

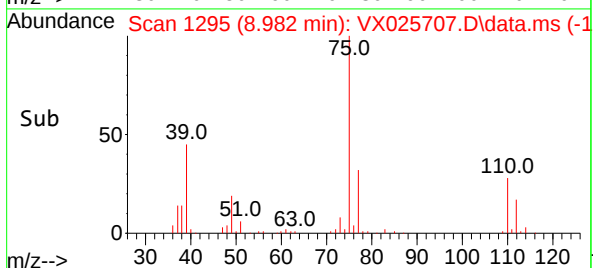
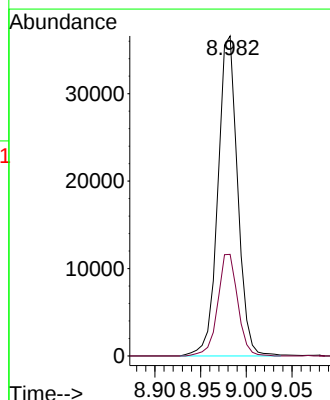
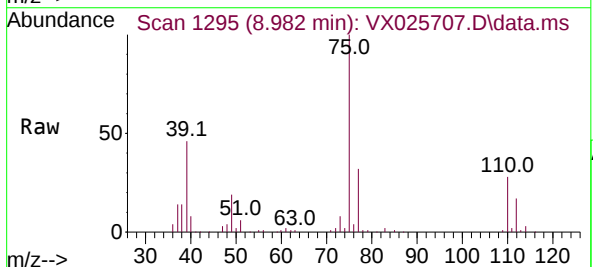
Instrument :
MSVOA_X
ClientSampleId :

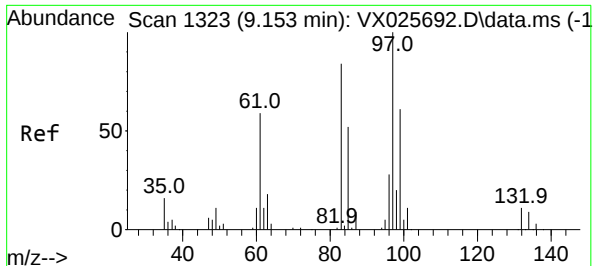
Tgt Ion: 91 Resp: 161357
Ion Ratio Lower Upper
91 100
92 58.2 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 45.348 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

Tgt Ion: 75 Resp: 55022
Ion Ratio Lower Upper
75 100
77 31.7 23.0 42.8





#45

1,1,2-Trichloroethane

Concen: 47.508 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 39076

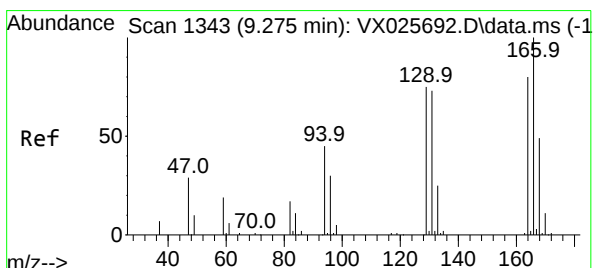
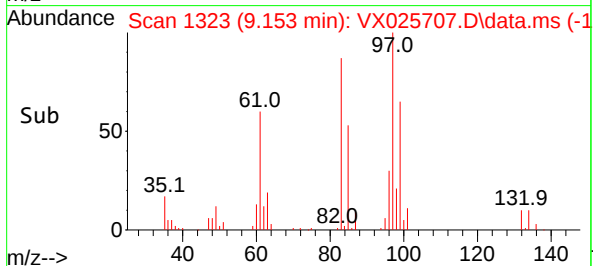
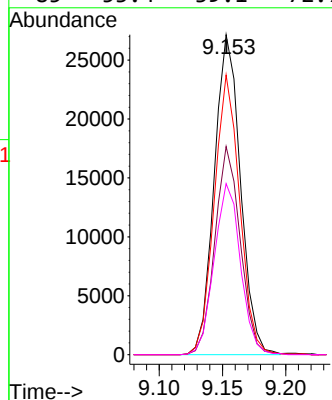
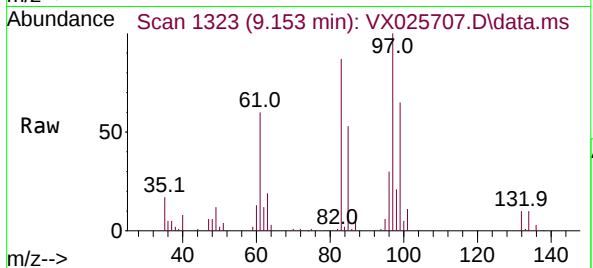
Ion Ratio Lower Upper

97 100

99 65.1 46.0 85.4

83 87.4 59.6 110.8

85 53.4 39.1 72.7



#46

Tetrachloroethene

Concen: 45.128 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Tgt Ion:164 Resp: 31106

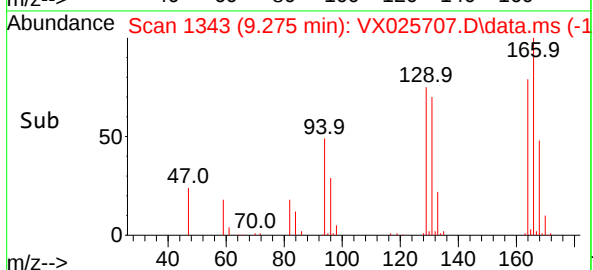
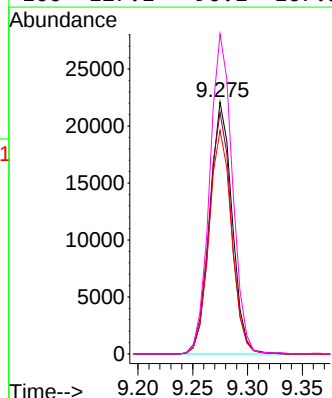
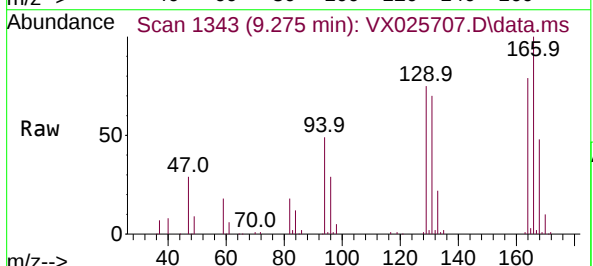
Ion Ratio Lower Upper

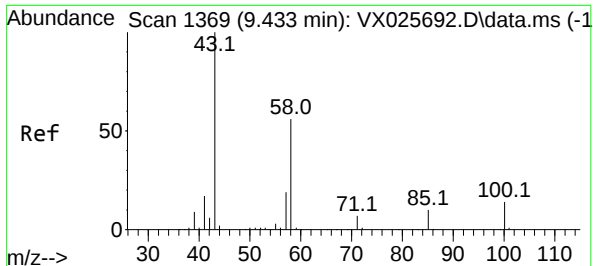
164 100

129 95.9 64.7 120.1

131 88.8 63.2 117.4

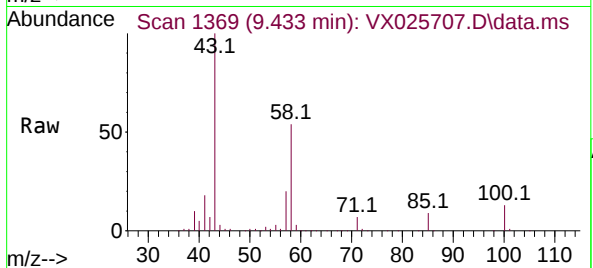
166 127.1 90.1 167.3



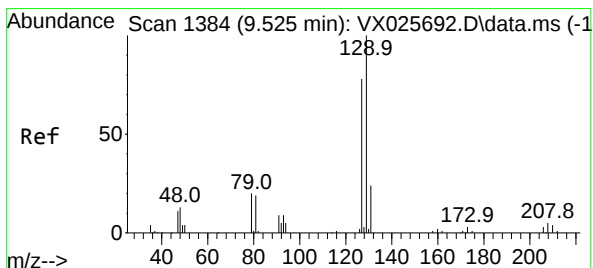
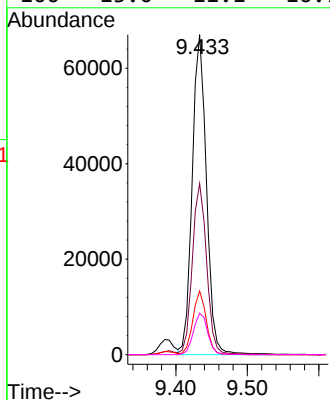
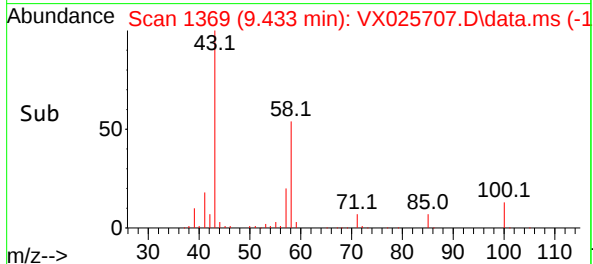


#48
2-Hexanone
Concen: 93.502 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

Instrument :
MSVOA_X
ClientSampleId :

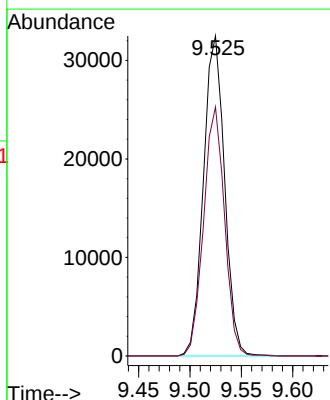
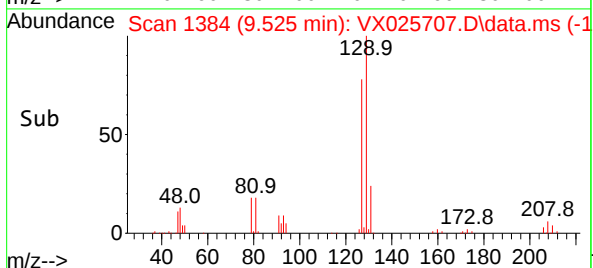
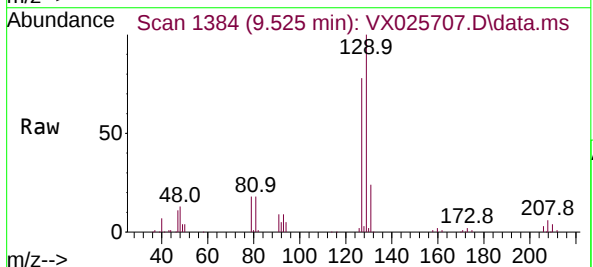


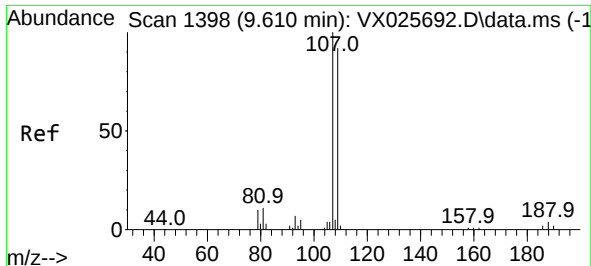
Tgt Ion: 43 Resp: 92945
Ion Ratio Lower Upper
43 100
58 53.6 44.2 66.4
57 18.9 15.1 22.7
100 13.0 11.1 16.7



#49
Dibromochloromethane
Concen: 49.081 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

Tgt Ion: 129 Resp: 46530
Ion Ratio Lower Upper
129 100
127 77.8 52.4 97.2

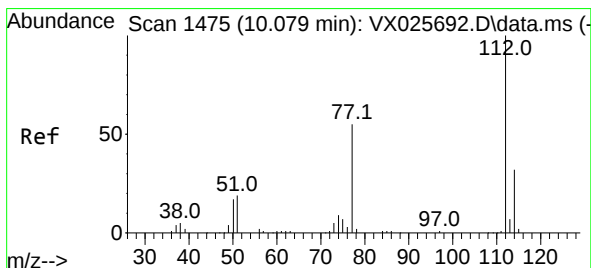
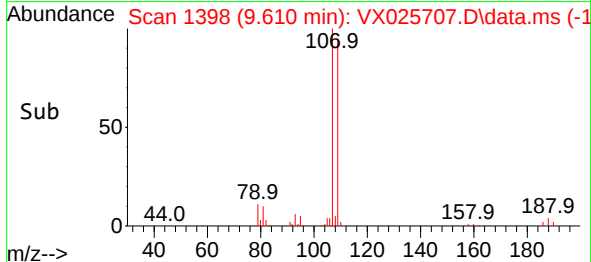
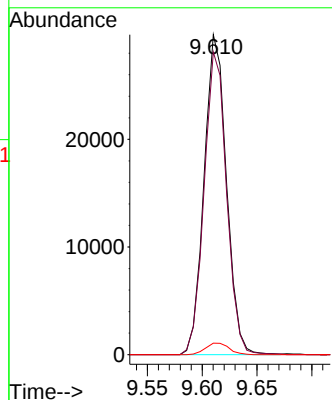
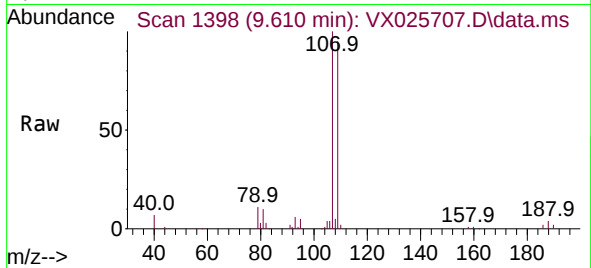




#50
1,2-Dibromoethane
Concen: 48.244 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

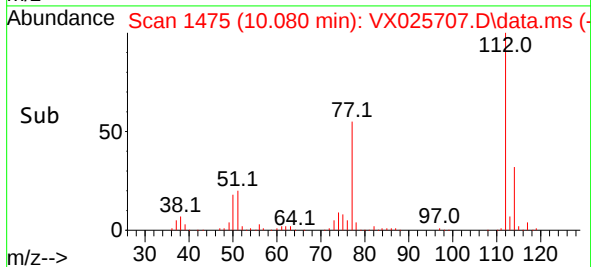
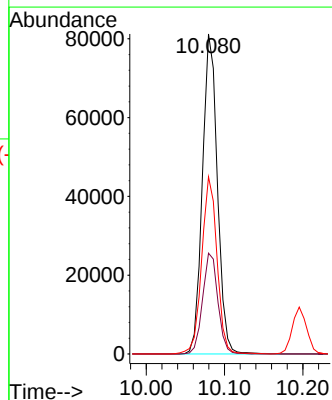
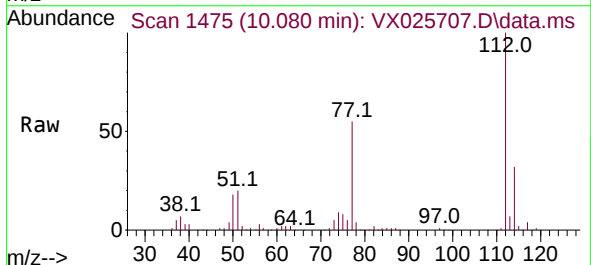
Instrument :
MSVOA_X
ClientSampleId :

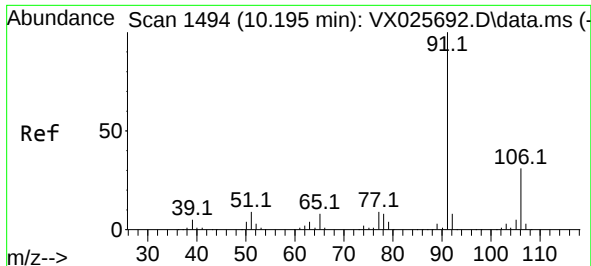
Tgt Ion:107 Resp: 42293
Ion Ratio Lower Upper
107 100
109 94.6 65.3 121.3
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 47.994 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

Tgt Ion:112 Resp: 107888
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.9
77 55.4 44.5 66.7

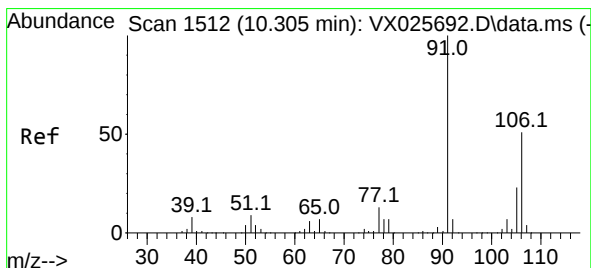
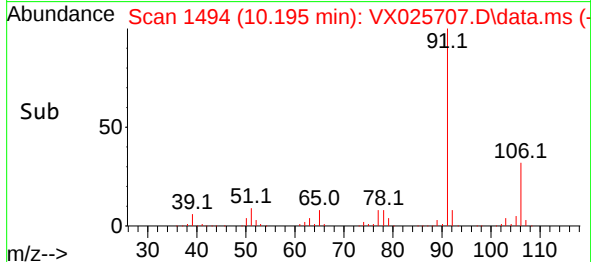
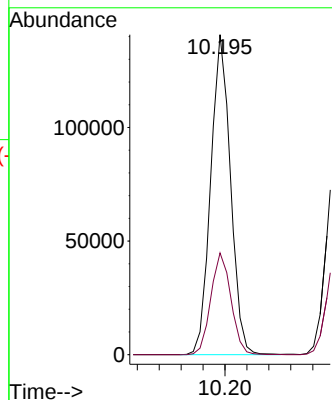
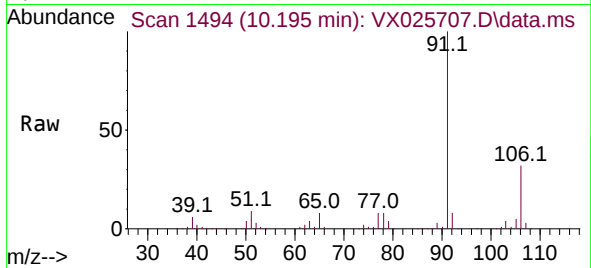




#52
Ethylbenzene
Concen: 48.154 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

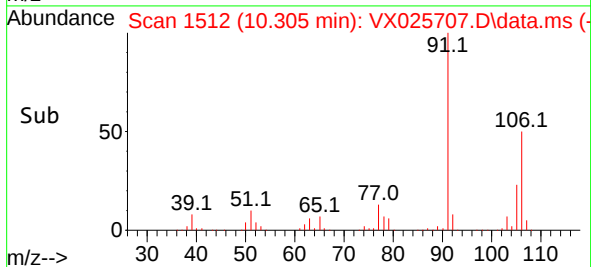
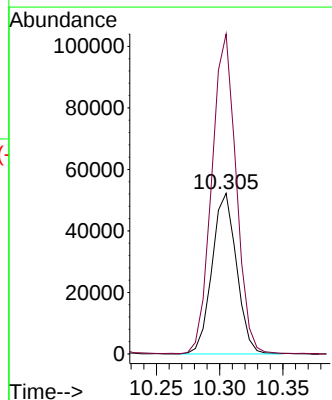
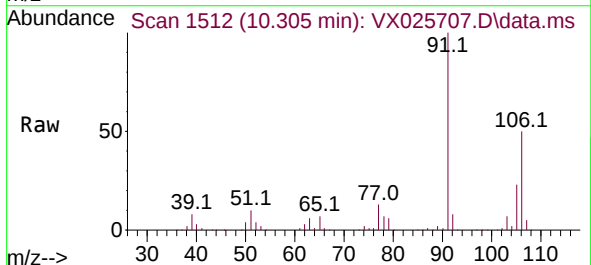
Instrument :
MSVOA_X
ClientSampleId :

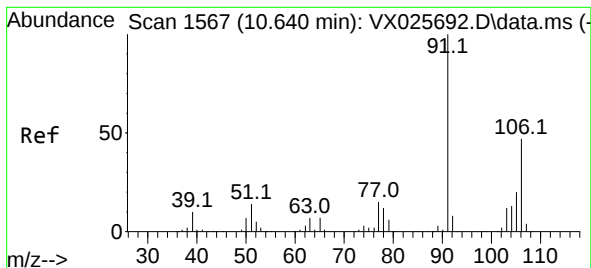
Tgt Ion: 91 Resp: 176367
Ion Ratio Lower Upper
91 100
106 31.8 23.1 42.9



#53
m,p-Xylene
Concen: 47.513 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

Tgt Ion:106 Resp: 70488
Ion Ratio Lower Upper
106 100
91 199.2 136.8 254.2





#54

o-Xylene

Concen: 46.824 ug/L

RT: 10.647 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Instrument :

MSVOA_X

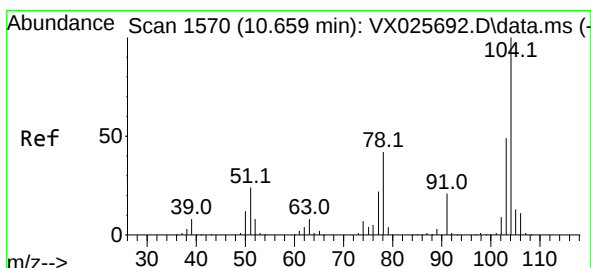
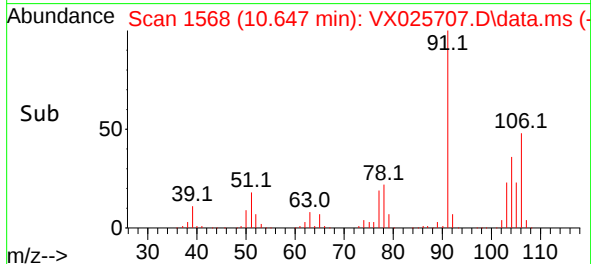
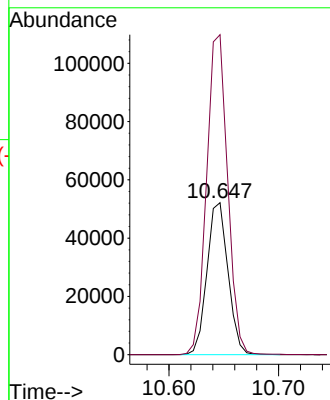
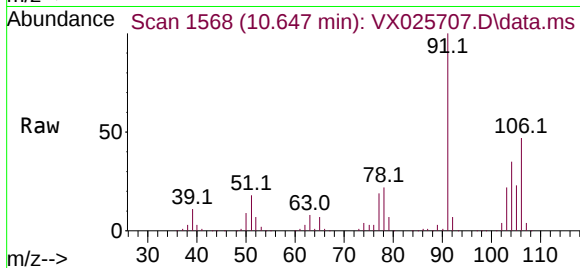
ClientSampleId :

Tgt Ion:106 Resp: 69537

Ion Ratio Lower Upper

106 100

91 210.6 140.5 260.9



#55

Styrene

Concen: 49.241 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX025707.D

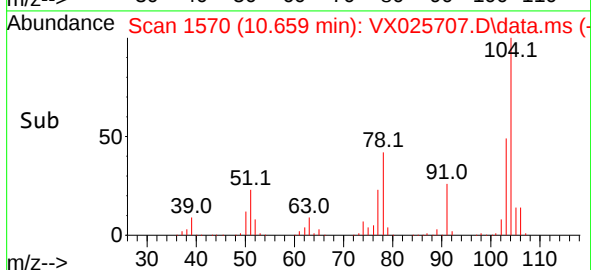
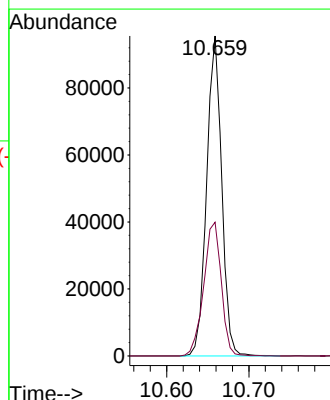
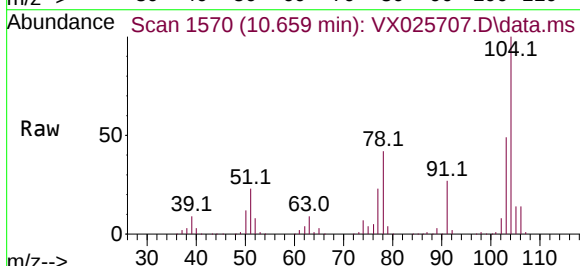
Acq: 10 Dec 2021 17:28

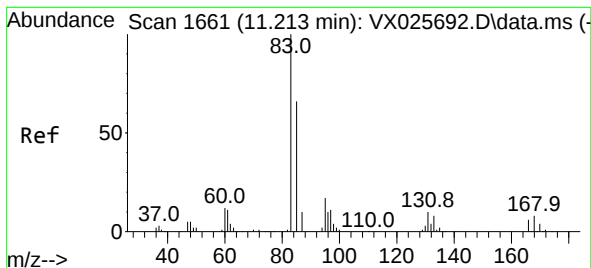
Tgt Ion:104 Resp: 121509

Ion Ratio Lower Upper

104 100

78 41.8 28.6 53.0

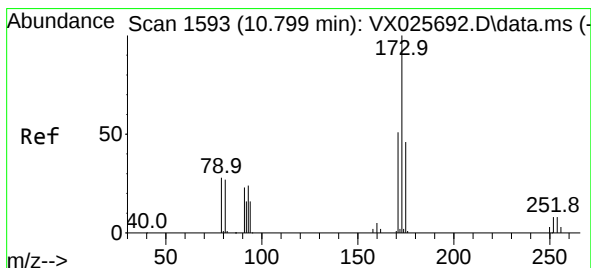
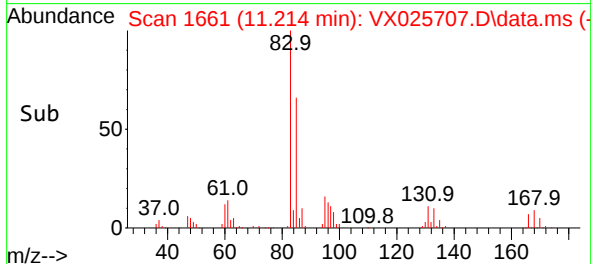
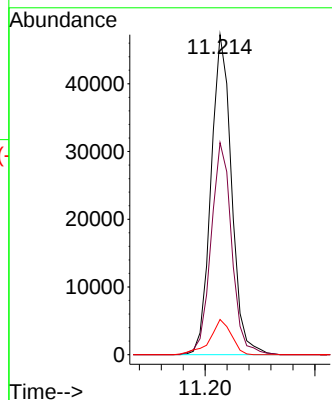
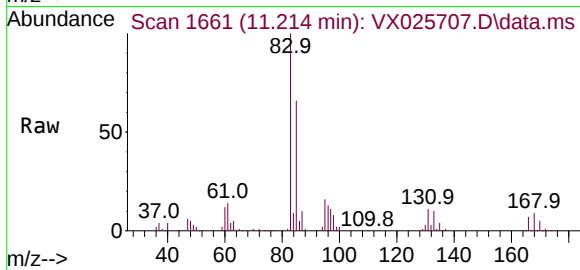




#57
1,1,2,2-Tetrachloroethane
Concen: 48.377 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

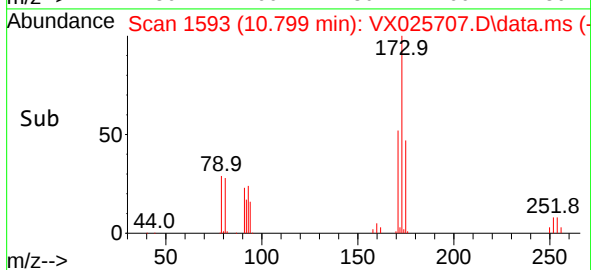
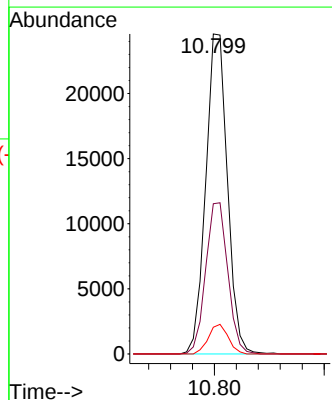
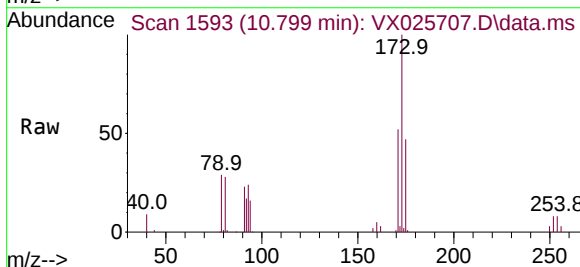
Instrument :
MSVOA_X
ClientSampleId :

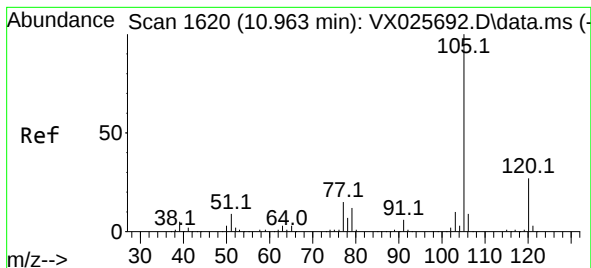
Tgt Ion: 83 Resp: 61443
Ion Ratio Lower Upper
83 100
85 66.2 47.0 87.2
131 11.0 8.5 12.7



#59
Bromoform
Concen: 46.880 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX025707.D
Acq: 10 Dec 2021 17:28

Tgt Ion: 173 Resp: 33725
Ion Ratio Lower Upper
173 100
175 48.1 38.6 58.0
254 8.5 7.7 11.5





#60

Isopropylbenzene

Concen: 48.865 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Instrument :

MSVOA_X

ClientSampleId :

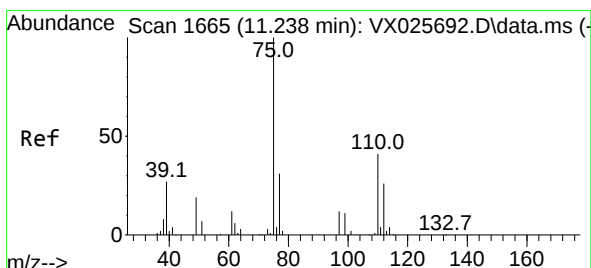
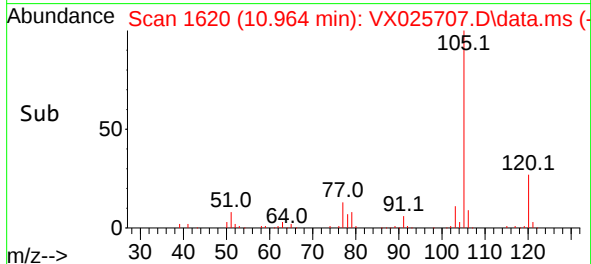
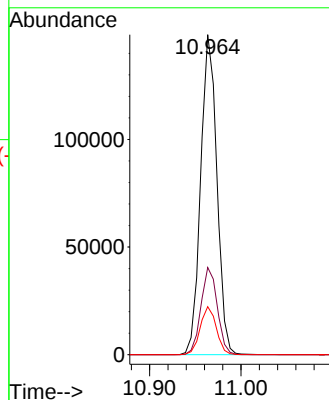
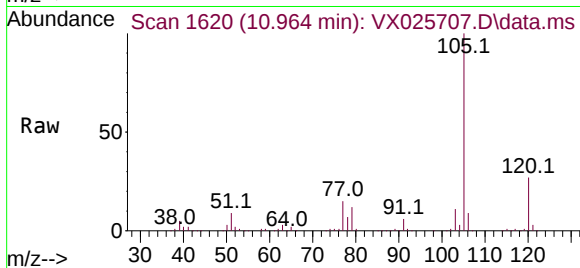
Tgt Ion:105 Resp: 183097

Ion Ratio Lower Upper

105 100

120 27.4 22.3 33.5

77 14.9 11.5 17.3



#61

1,2,3-Trichloropropane

Concen: 49.591 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

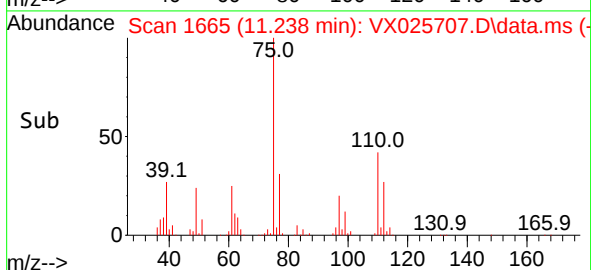
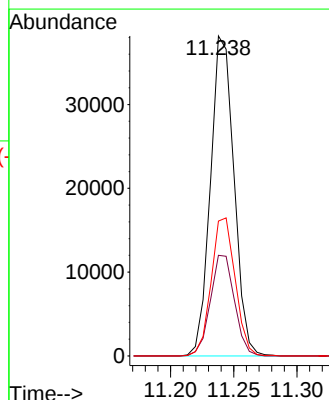
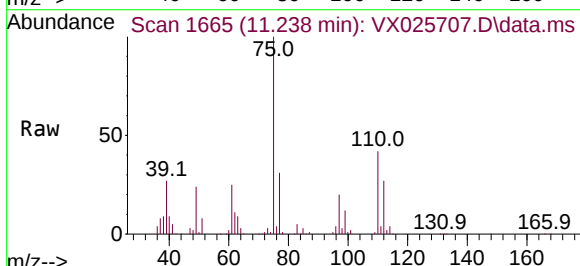
Tgt Ion: 75 Resp: 49460

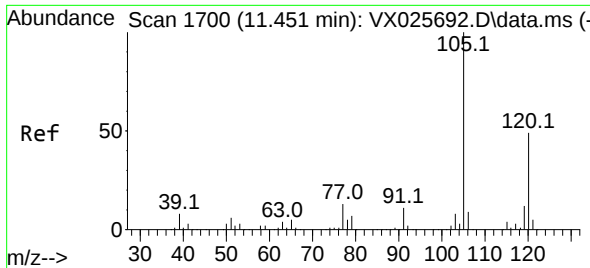
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8

110 43.9 34.7 52.1

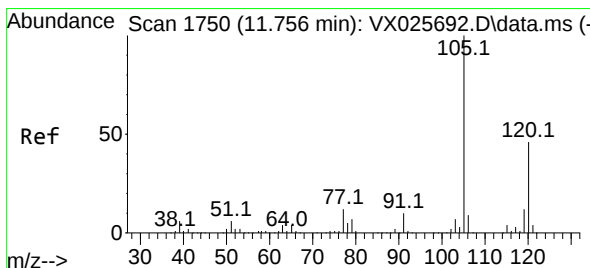
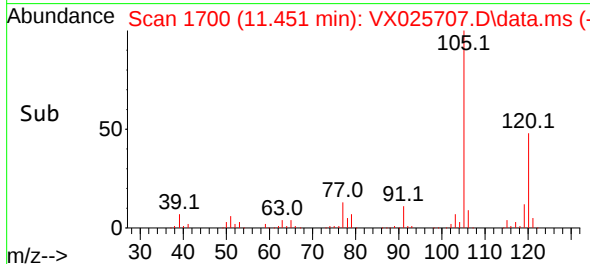
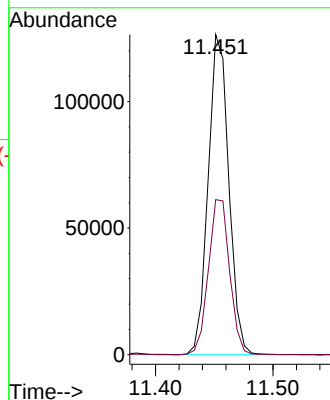
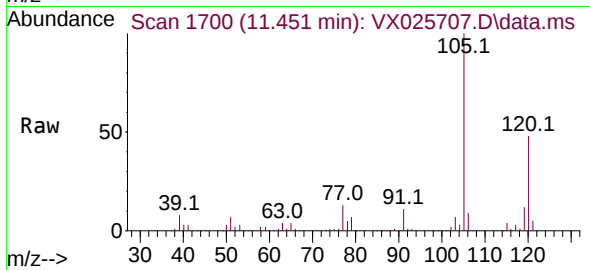




#62
 1,3,5-Trimethylbenzene
 Concen: 49.223 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

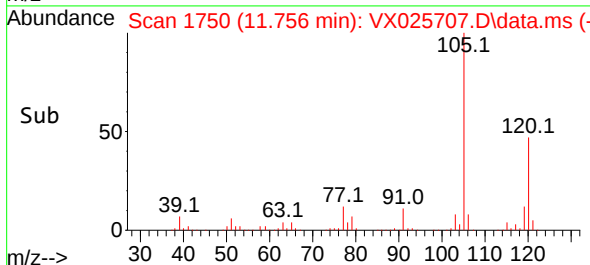
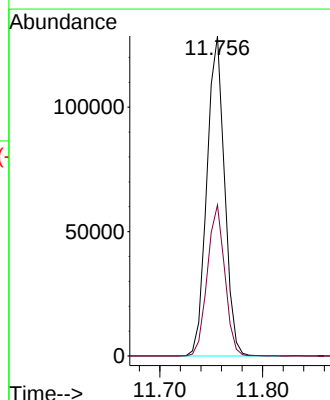
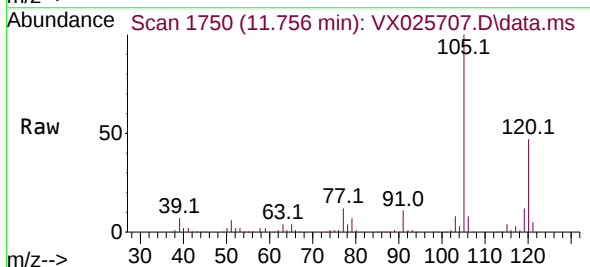
Instrument :
 MSVOA_X
 ClientSampleId :

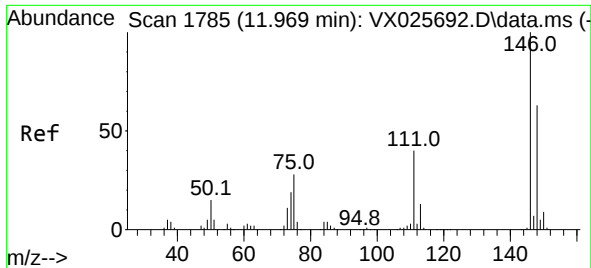
Tgt Ion:105 Resp: 154260
 Ion Ratio Lower Upper
 105 100
 120 50.0 41.0 61.4



#63
 1,2,4-Trimethylbenzene
 Concen: 48.475 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

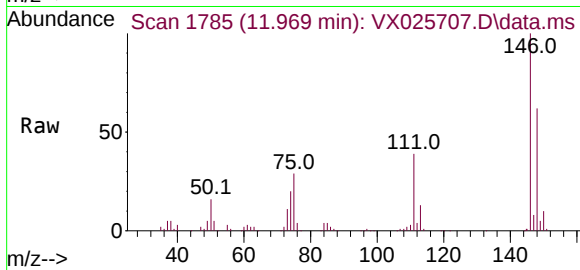
Tgt Ion:105 Resp: 153495
 Ion Ratio Lower Upper
 105 100
 120 46.6 0.1 0.1#



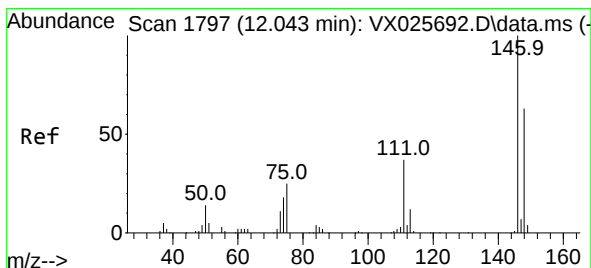
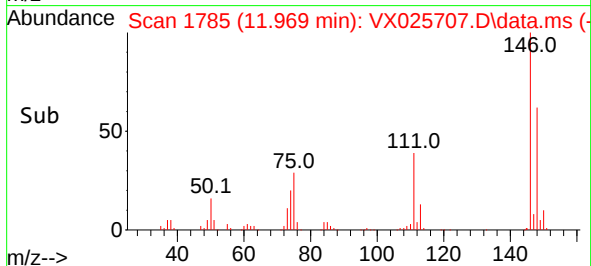
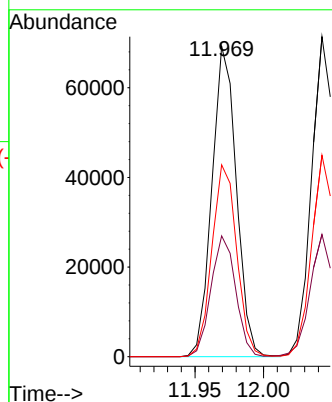


#64
 1,3-Dichlorobenzene
 Concen: 49.903 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

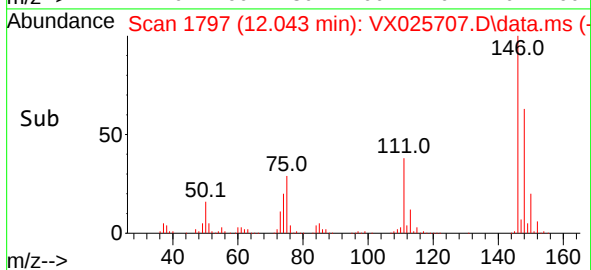
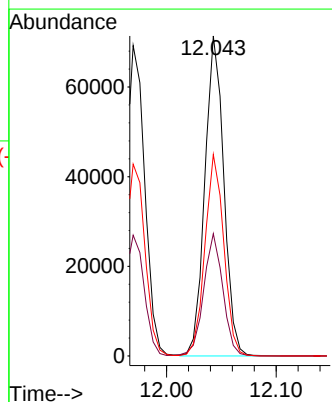
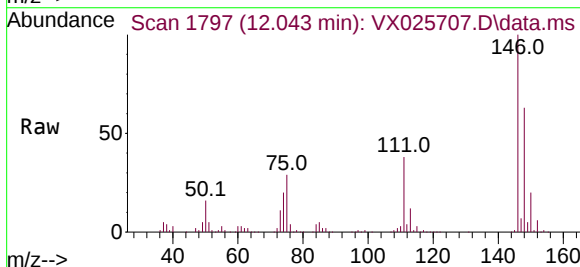


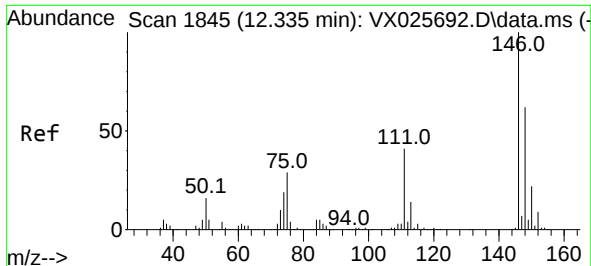
Tgt Ion:146 Resp: 85859
 Ion Ratio Lower Upper
 146 100
 111 38.9 27.6 51.2
 148 61.8 45.2 84.0



#65
 1,4-Dichlorobenzene
 Concen: 49.381 ug/L
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

Tgt Ion:146 Resp: 85820
 Ion Ratio Lower Upper
 146 100
 111 38.2 26.5 49.3
 148 62.9 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 48.835 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Instrument :

MSVOA_X

ClientSampleId :

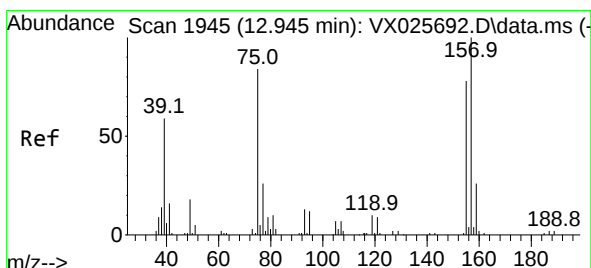
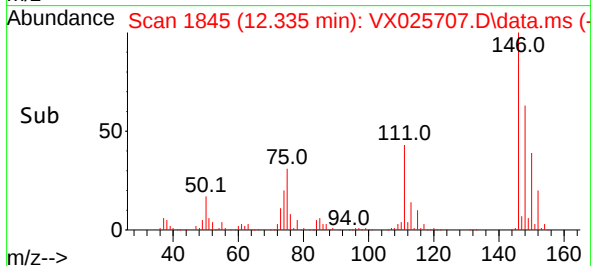
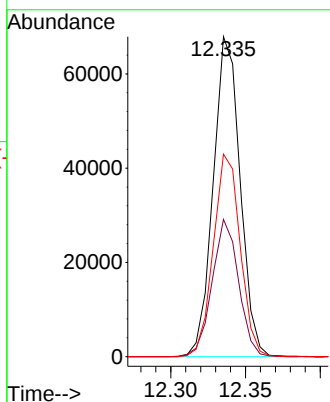
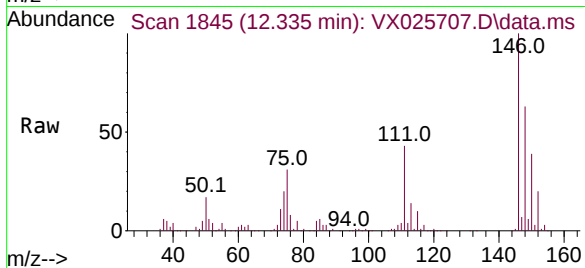
Tgt Ion:146 Resp: 84960

Ion Ratio Lower Upper

146 100

111 42.9 32.3 48.5

148 63.3 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 49.262 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

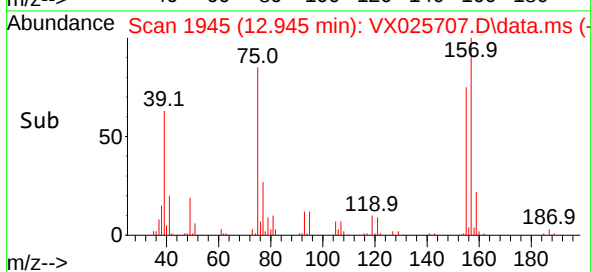
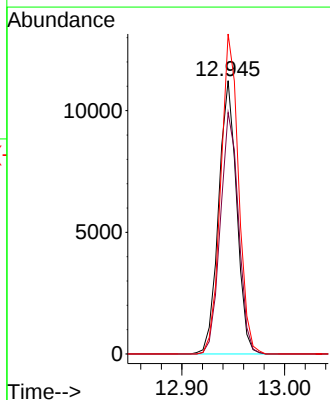
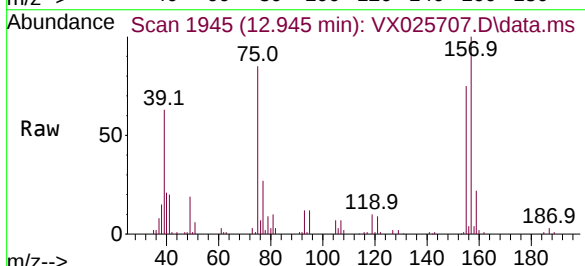
Tgt Ion: 75 Resp: 13655

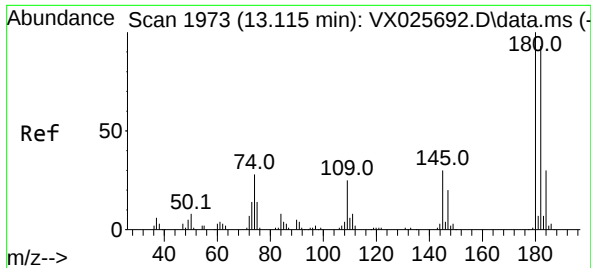
Ion Ratio Lower Upper

75 100

155 88.4 79.4 119.2

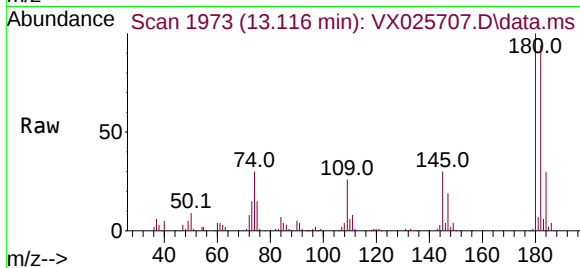
157 117.1 100.4 150.6



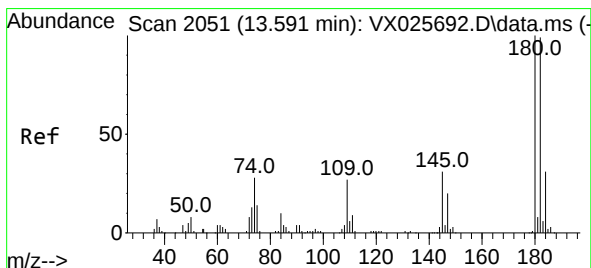
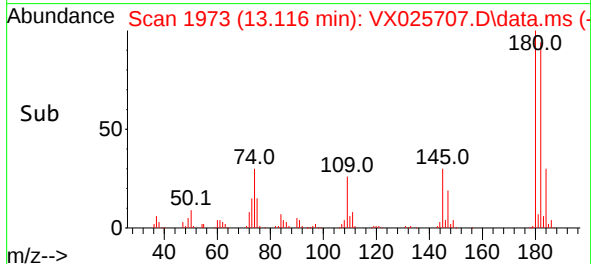
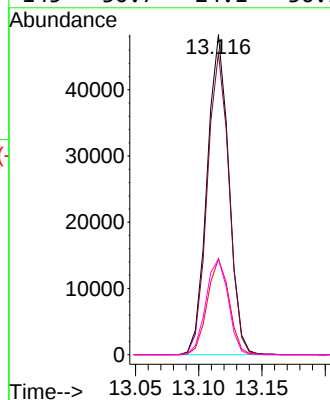


#69
 1,3,5-Trichlorobenzene
 Concen: 46.092 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

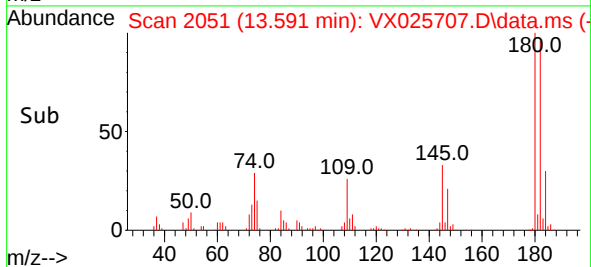
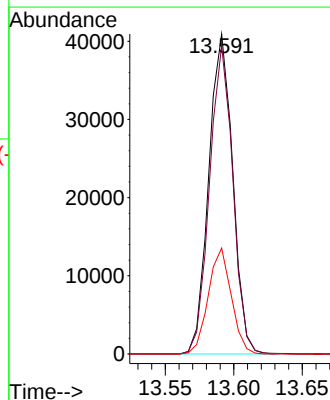
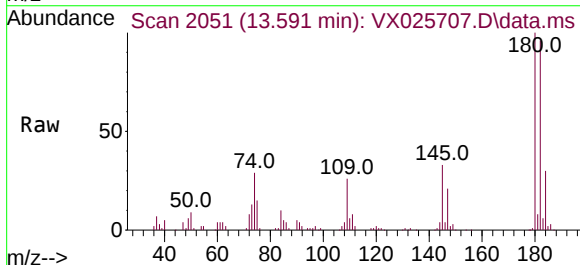


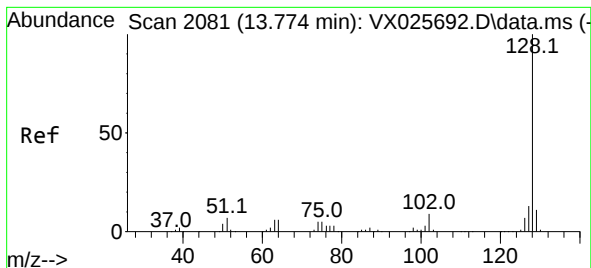
Tgt Ion:180 Resp: 57691
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.3 112.9
 184 30.0 24.6 37.0
 145 30.7 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 47.182 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX025707.D
 Acq: 10 Dec 2021 17:28

Tgt Ion:180 Resp: 49640
 Ion Ratio Lower Upper
 180 100
 182 93.7 78.2 117.4
 145 31.8 24.7 37.1





#71

Naphthalene

Concen: 49.614 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Instrument :

MSVOA_X

ClientSampleId :

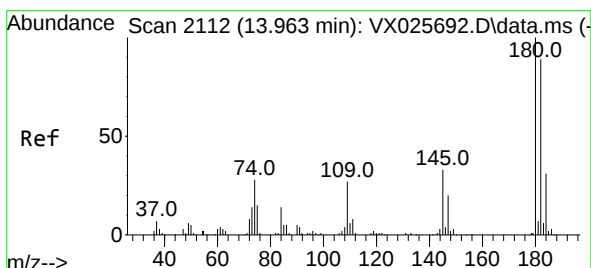
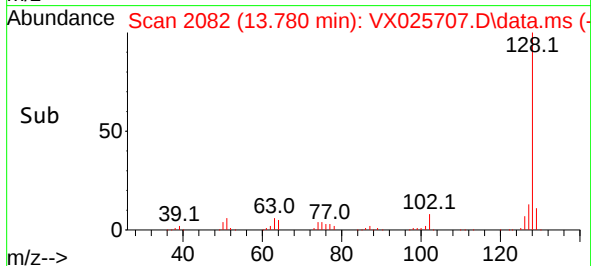
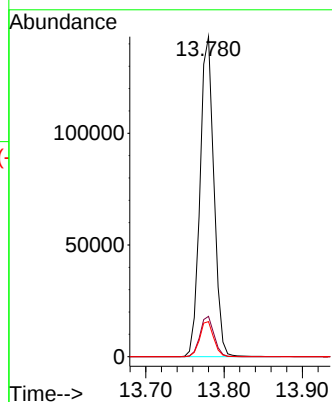
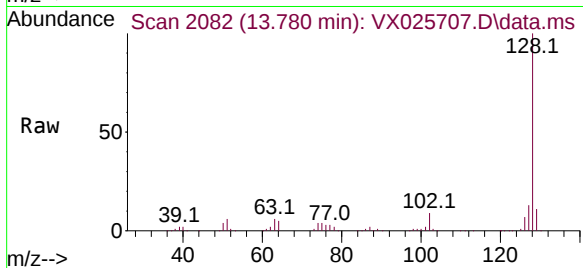
Tgt Ion:128 Resp: 176929

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 46.654 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX025707.D

Acq: 10 Dec 2021 17:28

Tgt Ion:180 Resp: 50284

Ion Ratio Lower Upper

180 100

182 96.2 75.2 112.8

145 33.7 25.8 38.6

