

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025756.D
 Acq On : 11 Dec 2021 20:17
 Operator : JC/MD
 Sample : M4997-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5Q3MS

Quant Time: Dec 12 06:36:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	94256	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	90923	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	45788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25018	38.893	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.780%		
7) Chloroethane-d5	1.660	69	21594	40.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.340%		
11) 1,1-Dichloroethene-d2	2.307	63	48186	46.981	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.960%		
21) 2-Butanone-d5	4.465	46	43326	90.482	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.480%		
24) Chloroform-d	5.068	84	54758	48.708	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.420%		
26) 1,2-Dichloroethane-d4	5.964	65	35030	49.990	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.980%		
32) Benzene-d6	5.983	84	102815	42.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.340%		
36) 1,2-Dichloropropane-d6	7.312	67	31746	42.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.100%		
41) Toluene-d8	8.653	98	99054	43.549	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.100%		
43) trans-1,3-Dichloroprop...	8.952	79	15441	41.165	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.320%		
47) 2-Hexanone-d5	9.385	63	31245	80.452	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.450%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	49993	47.412	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.820%		
66) 1,2-Dichlorobenzene-d4	12.323	152	38773	43.174	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	25702	46.468	ug/L	99
3) Chloromethane	1.295	50	26863	47.054	ug/L	97
5) Vinyl chloride	1.374	62	30965	46.460	ug/L	99
6) Bromomethane	1.599	94	18463	52.954	ug/L	97
8) Chloroethane	1.685	64	20550	46.285	ug/L	98
9) Trichlorofluoromethane	1.886	101	53402	51.346	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	27330	50.038	ug/L	93
12) 1,1-Dichloroethene	2.319	96	24495	48.395	ug/L	92
13) Acetone	2.386	43	29793	75.669	ug/L	95
14) Carbon disulfide	2.514	76	58191	46.758	ug/L	100
15) Methyl Acetate	2.709	43	27443	43.128	ug/L #	90
16) Methylene chloride	2.794	84	29451	50.309	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	26830	49.237	ug/L	96
18) Methyl tert-butyl Ether	3.123	73	93582	50.529	ug/L	98
19) 1,1-Dichloroethane	3.617	63	77879	79.805	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	53777	83.747	ug/L	100
22) 2-Butanone	4.562	43	48738	93.599	ug/L	98
23) Bromochloromethane	4.910	128	16920	49.875	ug/L	96
25) Chloroform	5.105	83	58088	54.697	ug/L	99

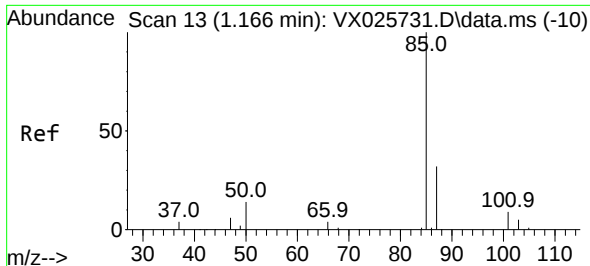
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
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 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	44727	57.905	ug/L	98
29) Cyclohexane	5.471	56	39316	42.207	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	51329	51.139	ug/L	97
31) Carbon tetrachloride	5.684	117	45224	50.456	ug/L	100
33) Benzene	6.044	78	115123	47.396	ug/L	100
34) Trichloroethene	7.129	95	31194	48.826	ug/L	95
35) Methylcyclohexane	7.385	83	41961	41.730	ug/L	99
37) 1,2-Dichloropropane	7.434	63	29788	48.893	ug/L	98
38) Bromodichloromethane	7.824	83	45438	53.555	ug/L	98
39) cis-1,3-Dichloropropene	8.373	75	45783	46.138	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	96514	99.207	ug/L	97
42) Toluene	8.720	91	129737	48.432	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	45352	47.552	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	32082	49.621	ug/L	98
46) Tetrachloroethene	9.275	164	23304	43.011	ug/L	96
48) 2-Hexanone	9.433	43	74831	95.770	ug/L	98
49) Dibromochloromethane	9.525	129	38525	51.699	ug/L	96
50) 1,2-Dibromoethane	9.616	107	33994	49.332	ug/L	100
51) Chlorobenzene	10.080	112	85291	48.269	ug/L	96
52) Ethylbenzene	10.195	91	141066	48.999	ug/L	99
53) m,p-Xylene	10.305	106	56674	48.599	ug/L	100
54) o-Xylene	10.647	106	55852	47.846	ug/L	93
55) Styrene	10.659	104	96169	49.579	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.214	83	53024	53.111	ug/L	96
59) Bromoform	10.799	173	28529	50.497	ug/L	98
60) Isopropylbenzene	10.964	105	144877	49.233	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	41787	53.349	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	121834	49.502	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	121327	48.789	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	65326	48.346	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	66304	48.579	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	65984	48.294	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	11516	52.901	ug/L	86
69) 1,3,5-Trichlorobenzene	13.116	180	42058	42.787	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	35178	42.575	ug/L	98
71) Naphthalene	13.780	128	133032	47.500	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	37234	43.989	ug/L	98

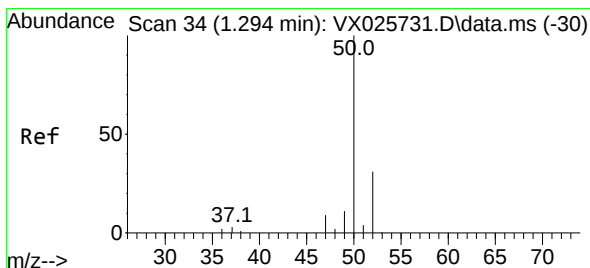
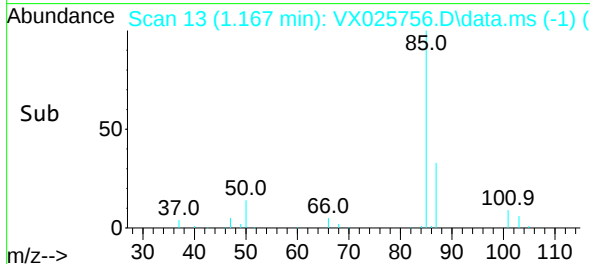
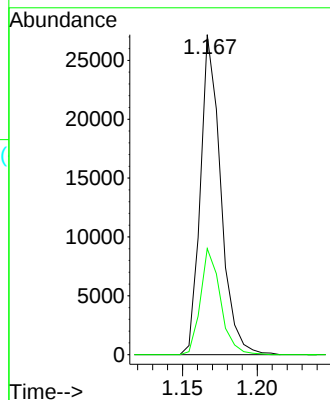
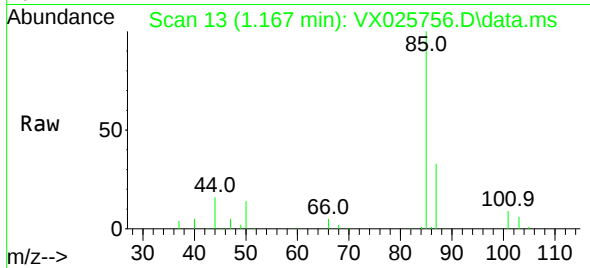
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#2
 Dichlorodifluoromethane
 Concen: 46.468 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025756.D
 Acq: 11 Dec 2021 20:17

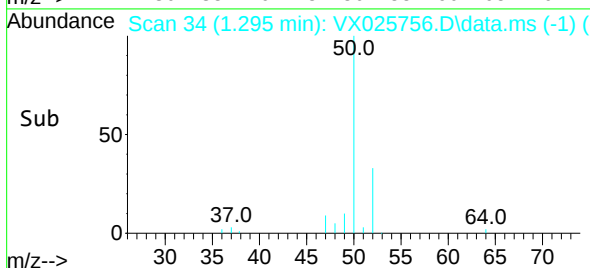
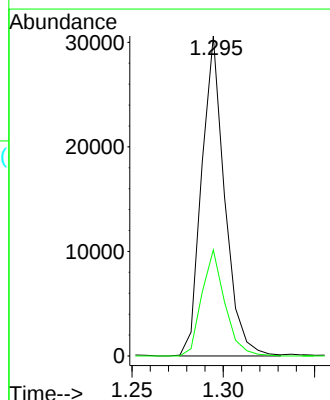
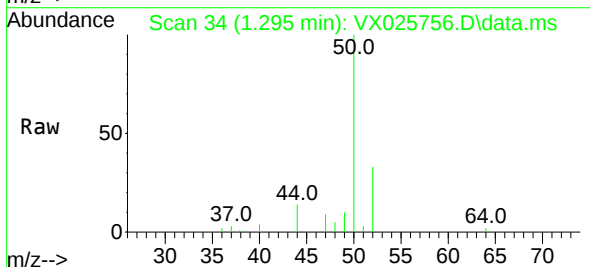
Instrument :
 MSVOA_X
 ClientSampleId :
 EW5Q3MS

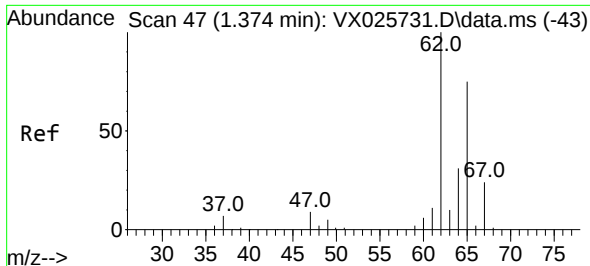
Tgt Ion: 85 Resp: 25702
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 47.054 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX025756.D
 Acq: 11 Dec 2021 20:17

Tgt Ion: 50 Resp: 26863
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.0 40.8

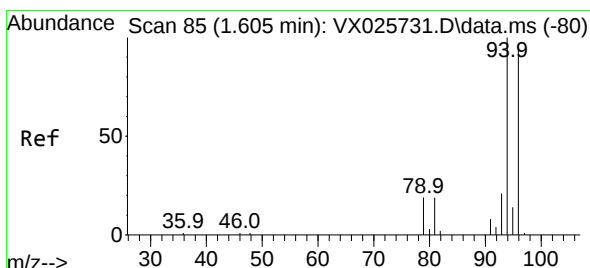
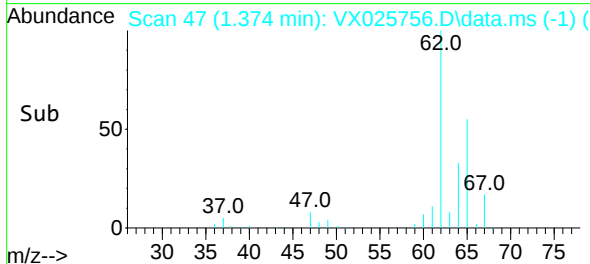
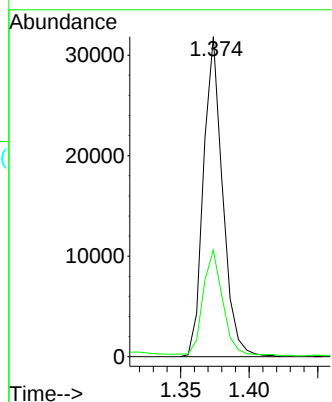
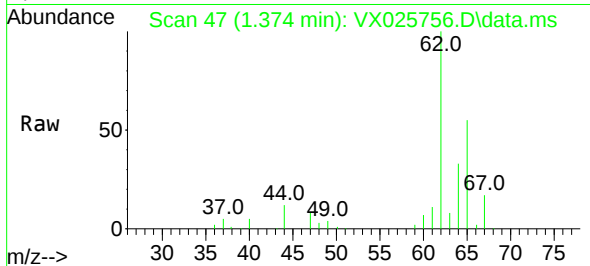




#5
 Vinyl chloride
 Concen: 46.460 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX025756.D
 Acq: 11 Dec 2021 20:17

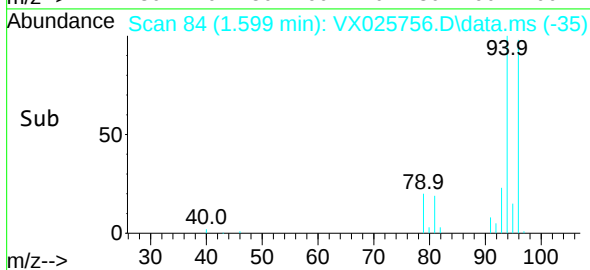
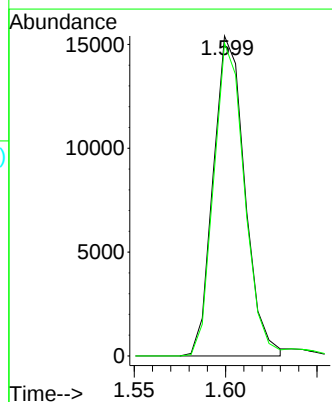
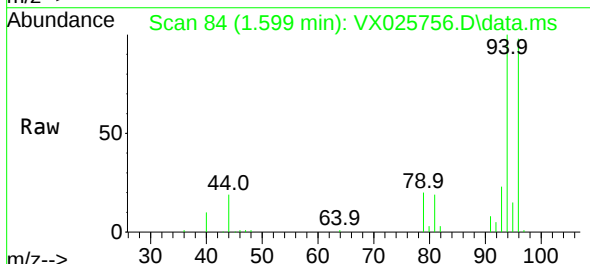
Instrument :
 MSVOA_X
 ClientSampleId :
 EW5Q3MS

Tgt Ion: 62 Resp: 30965
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.9 42.5

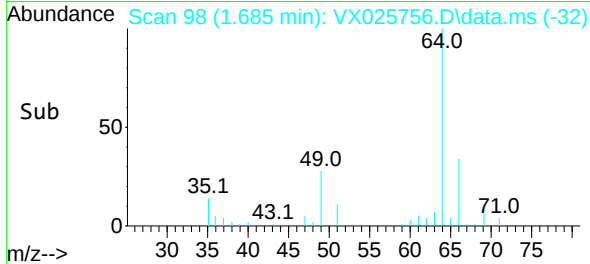
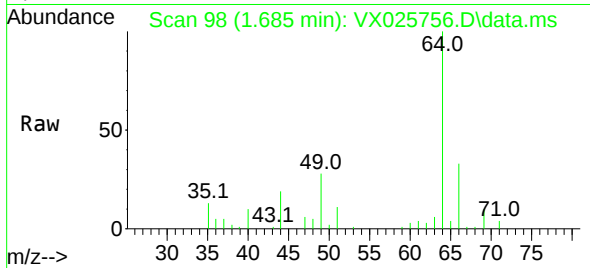
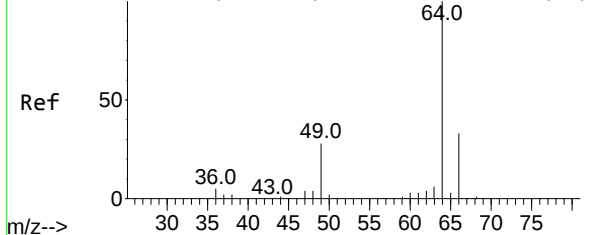


#6
 Bromomethane
 Concen: 52.954 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX025756.D
 Acq: 11 Dec 2021 20:17

Tgt Ion: 94 Resp: 18463
 Ion Ratio Lower Upper
 94 100
 96 97.8 66.7 123.9



Abundance Scan 98 (1.685 min): VX025731.D\data.ms (-93)



#8

Chloroethane

Concen: 46.285 ug/L

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

Instrument :

MSVOA_X

ClientSampleId :

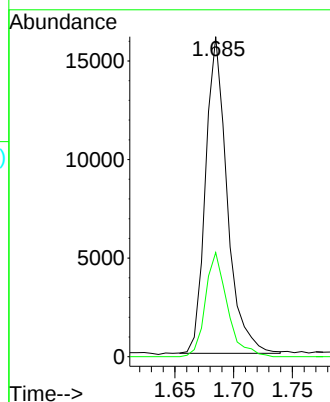
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Tgt Ion: 64 Resp: 20550

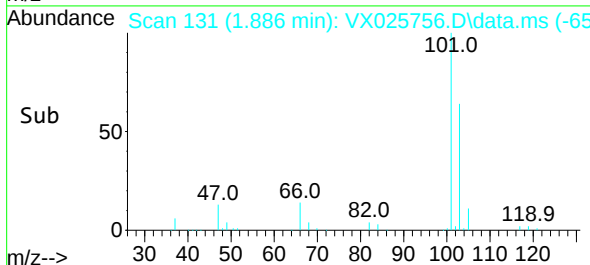
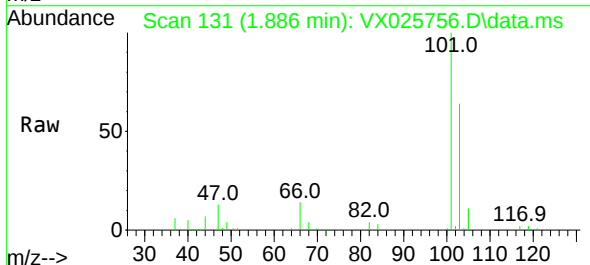
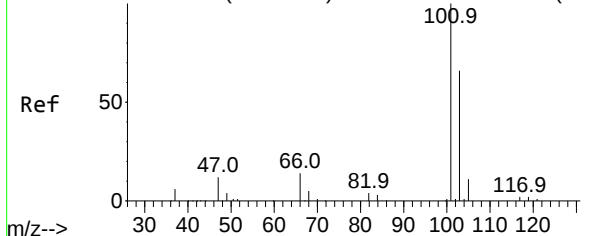
Ion Ratio Lower Upper

64 100

66 32.5 22.0 40.8



Abundance Scan 131 (1.886 min): VX025731.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 51.346 ug/L

RT: 1.886 min Scan# 131

Delta R.T. 0.000 min

Lab File: VX025756.D

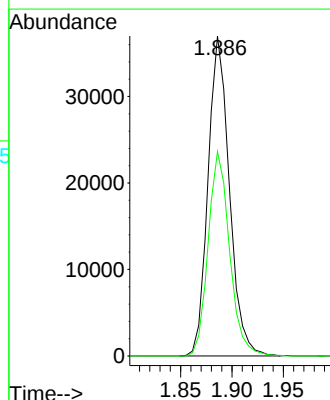
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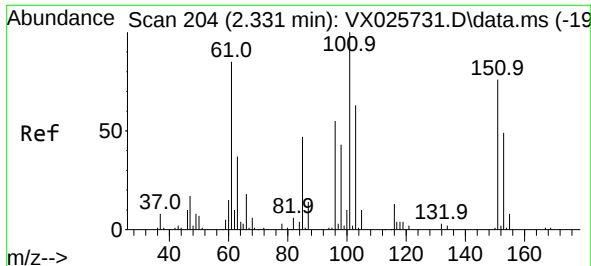
Tgt Ion:101 Resp: 53402

Ion Ratio Lower Upper

101 100

103 64.0 52.2 78.2

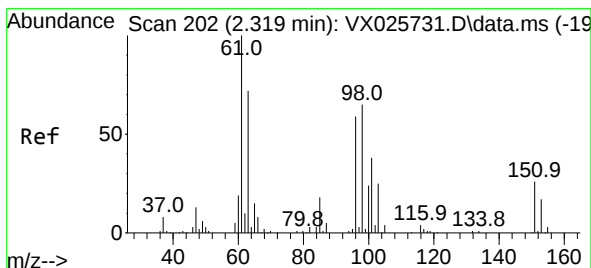
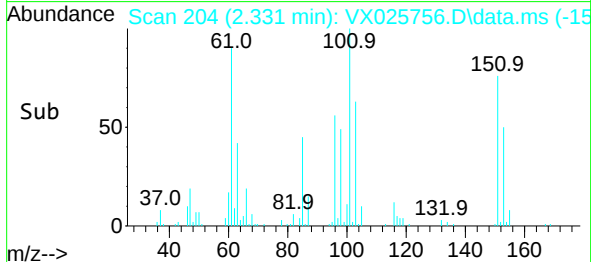
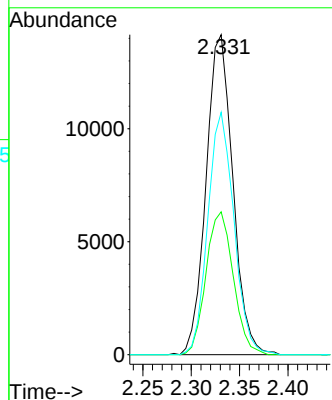
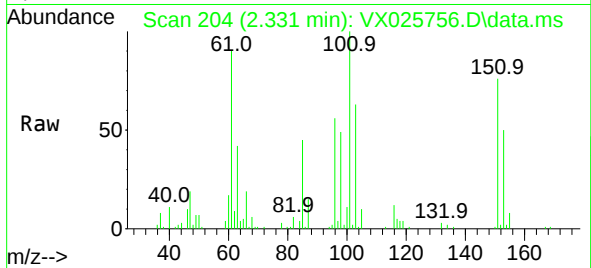




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.038 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX025756.D
 Acq: 11 Dec 2021 20:17

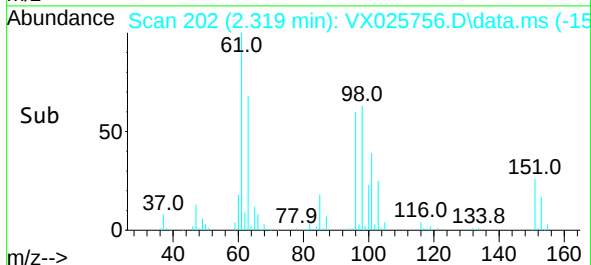
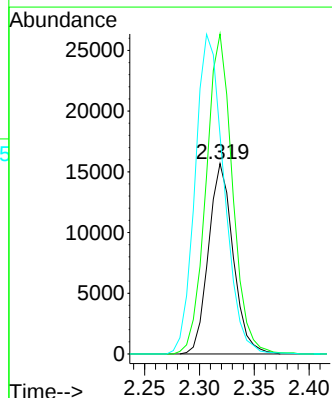
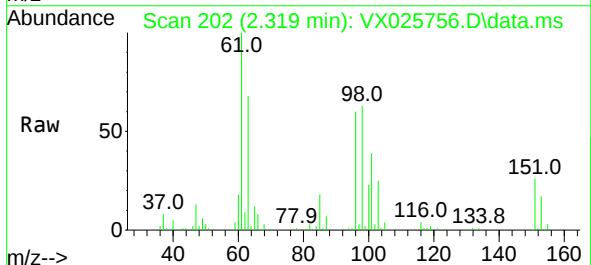
Instrument :
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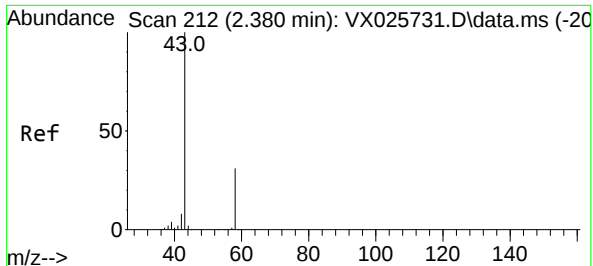
Tgt Ion:101 Resp: 27330
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.3 51.5
 151 73.9 65.2 97.8



#12
 1,1-Dichloroethene
 Concen: 48.395 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX025756.D
 Acq: 11 Dec 2021 20:17

Tgt Ion: 96 Resp: 24495
 Ion Ratio Lower Upper
 96 100
 61 168.0 108.7 201.9
 63 114.8 76.3 141.7





#13

Acetone

Concen: 75.669 ug/L

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

Instrument :

MSVOA_X

ClientSampleId :

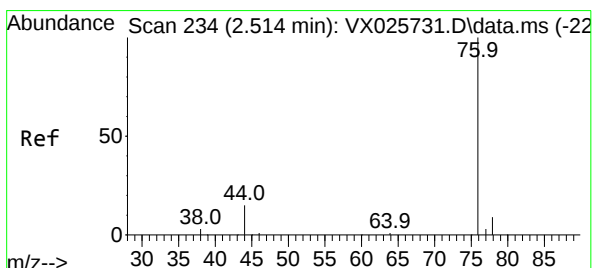
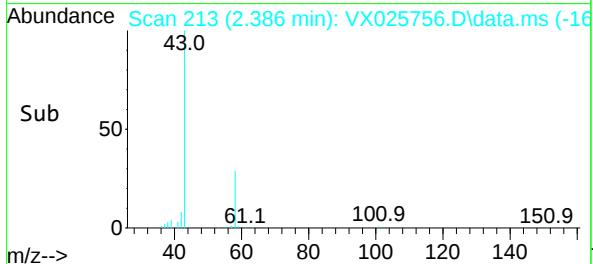
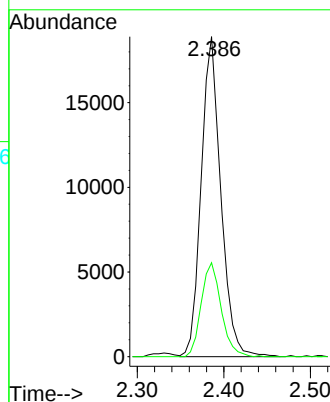
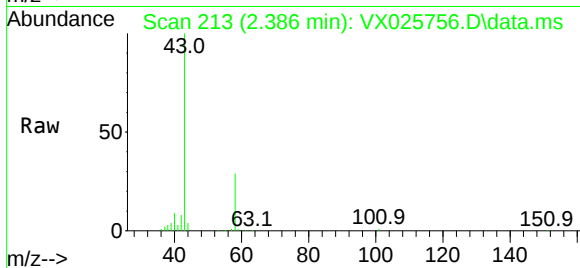
EW5Q3MS

Tgt Ion: 43 Resp: 29793

Ion Ratio Lower Upper

43 100

58 29.7 0.0 65.6



#14

Carbon disulfide

Concen: 46.758 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX025756.D

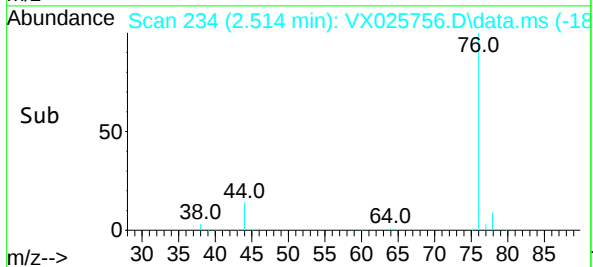
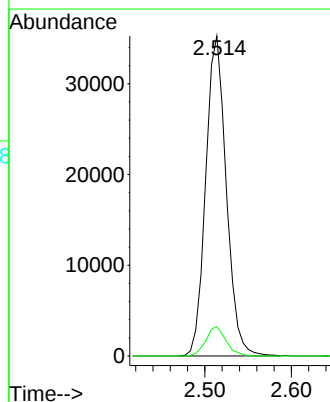
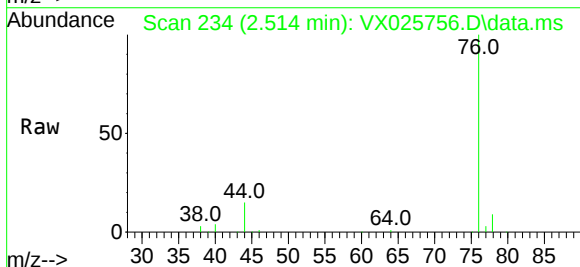
Acq: 11 Dec 2021 20:17

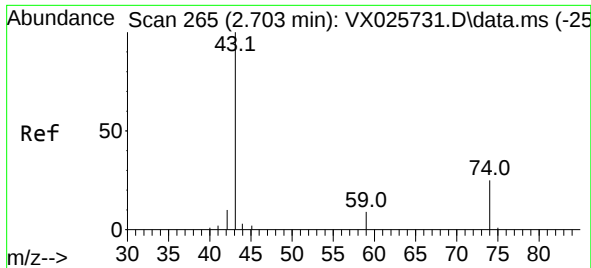
Tgt Ion: 76 Resp: 58191

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

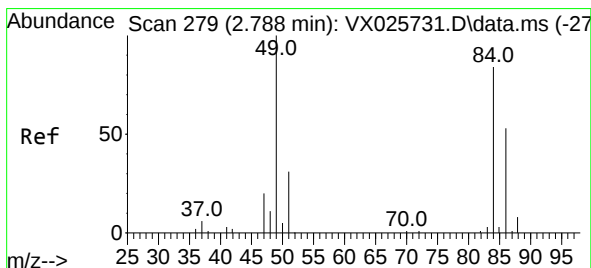
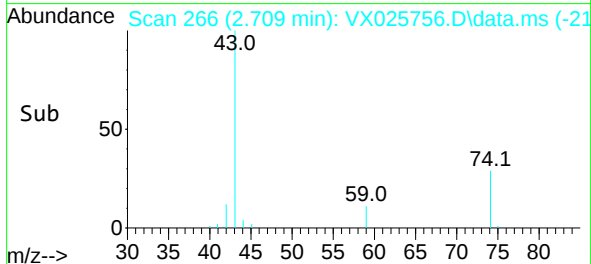
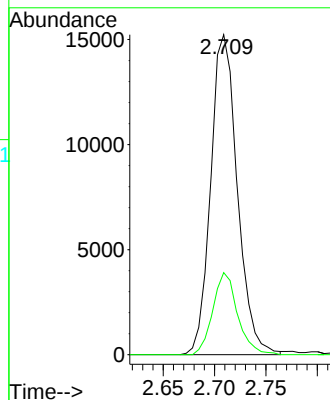
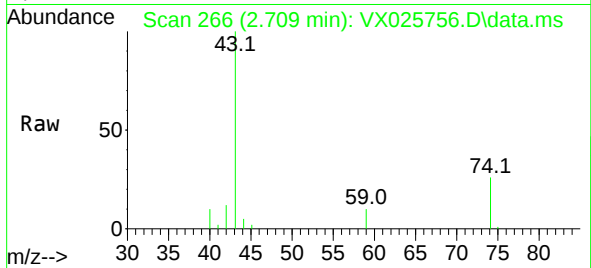




#15
Methyl Acetate
Concen: 43.128 ug/L
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

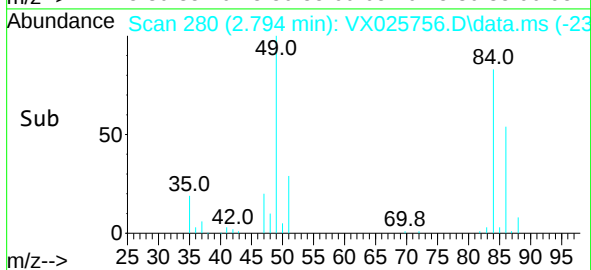
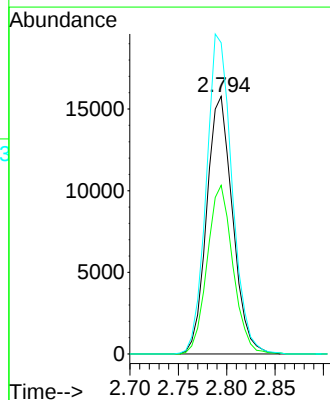
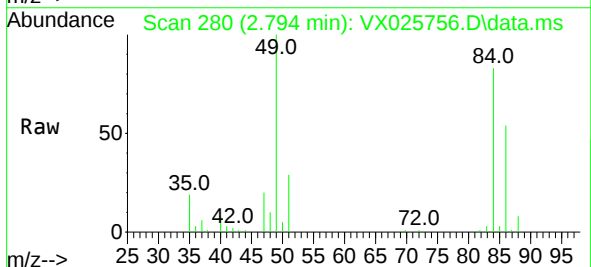
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

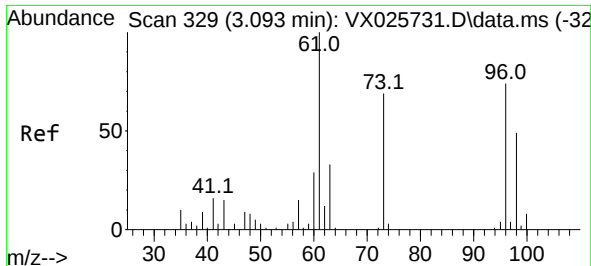
Tgt Ion: 43 Resp: 27443
Ion Ratio Lower Upper
43 100
74 23.8 0.1 0.1#



#16
Methylene chloride
Concen: 50.309 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion: 84 Resp: 29451
Ion Ratio Lower Upper
84 100
86 65.5 45.1 83.9
49 120.8 82.3 152.8

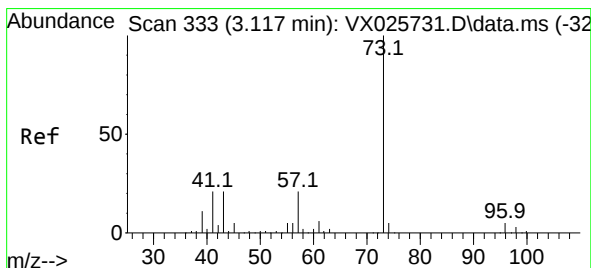
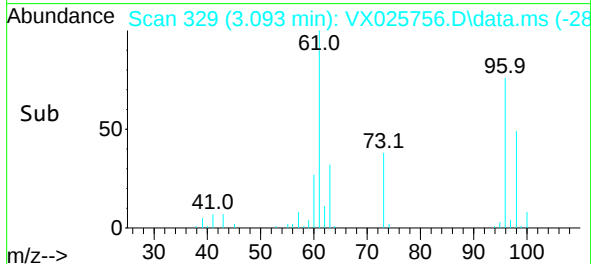
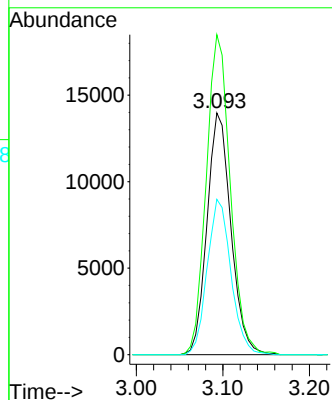
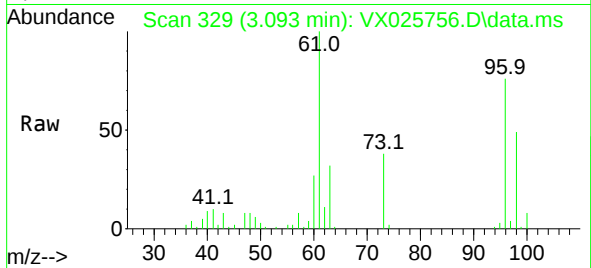




#17
trans-1,2-Dichloroethene
Concen: 49.237 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

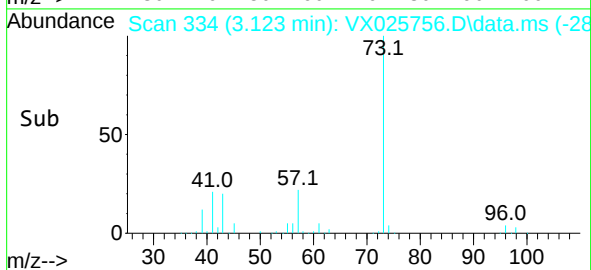
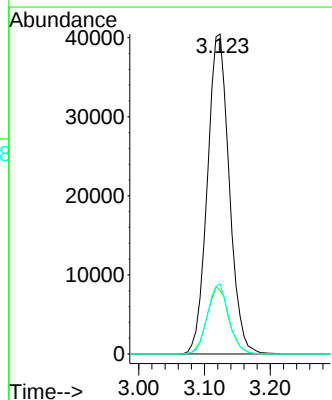
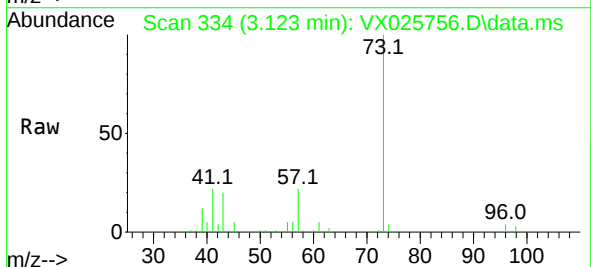
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

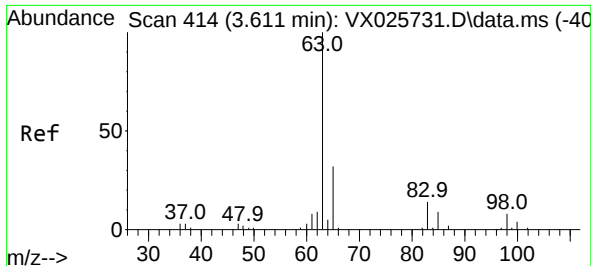
Tgt Ion: 96 Resp: 26830
Ion Ratio Lower Upper
96 100
61 132.4 88.5 164.4
98 64.2 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 50.529 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion: 73 Resp: 93582
Ion Ratio Lower Upper
73 100
43 20.9 15.7 23.5
57 21.4 17.3 25.9





#19

1,1-Dichloroethane

Concen: 79.805 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

Instrument :

MSVOA_X

ClientSampleId :

EW5Q3MS

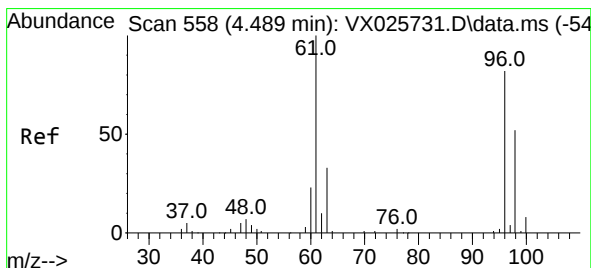
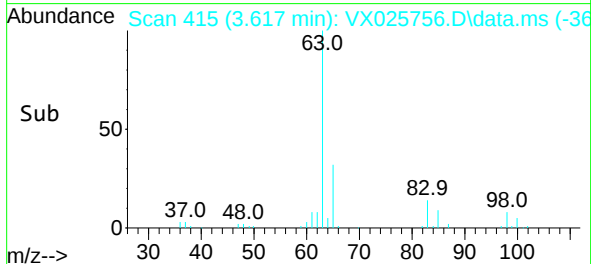
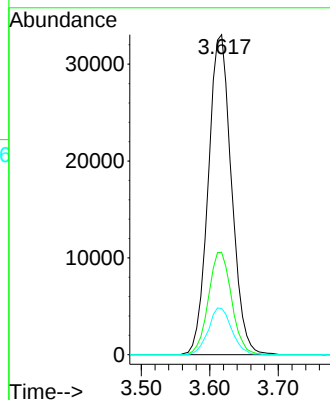
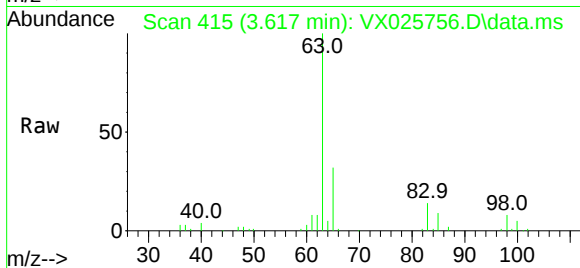
Tgt Ion: 63 Resp: 77879

Ion Ratio Lower Upper

63 100

65 32.0 22.2 41.2

83 14.5 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 83.747 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

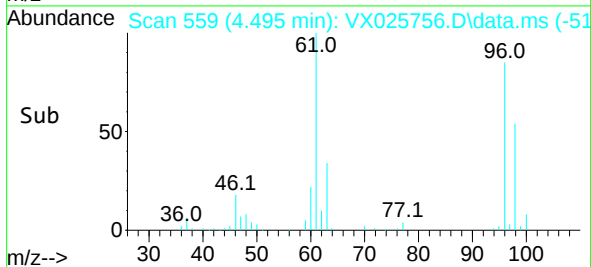
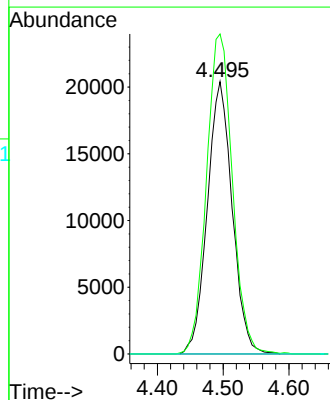
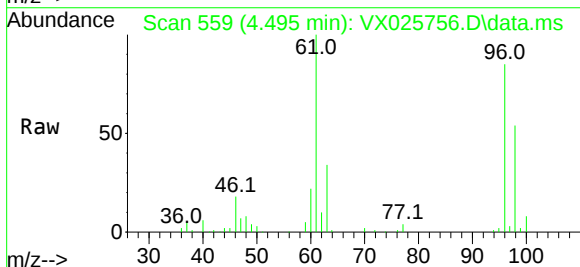
Tgt Ion: 96 Resp: 53777

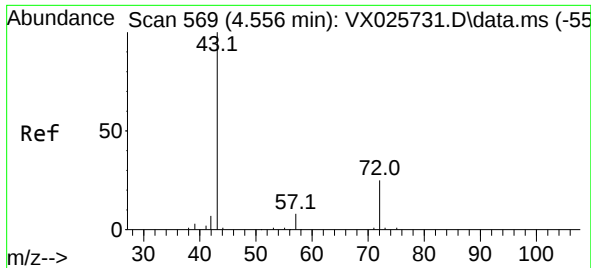
Ion Ratio Lower Upper

96 100

61 117.5 82.3 152.8

68 0.0 0.0 0.0

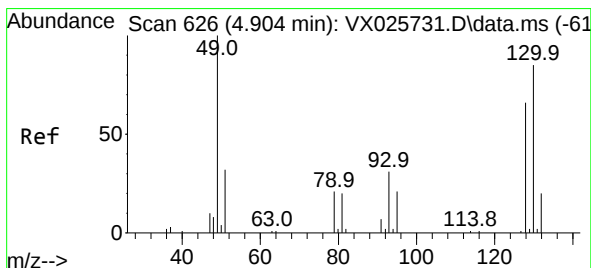
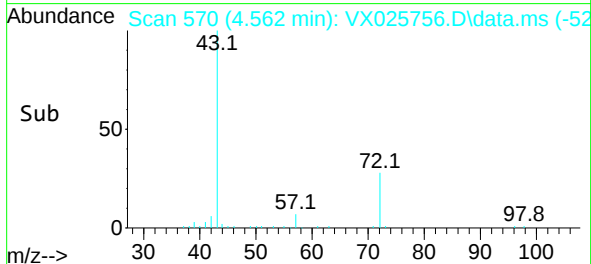
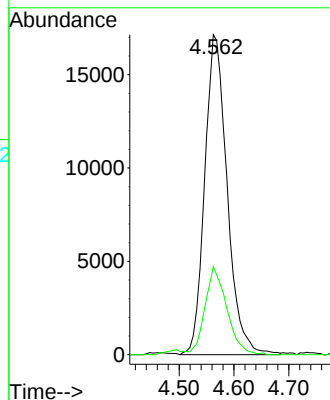
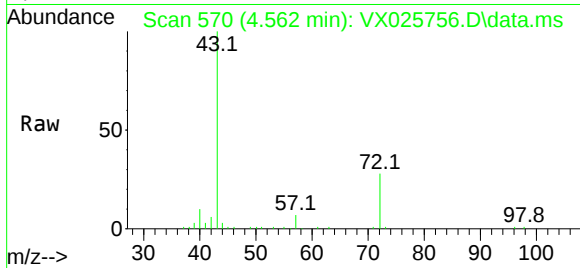




#22
2-Butanone
Concen: 93.599 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

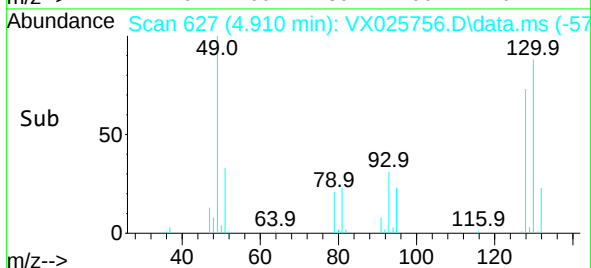
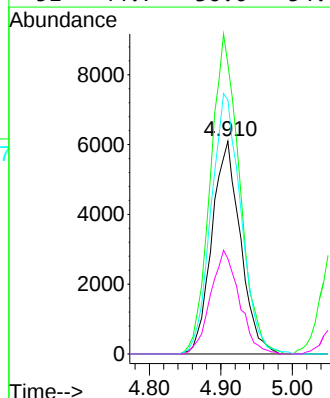
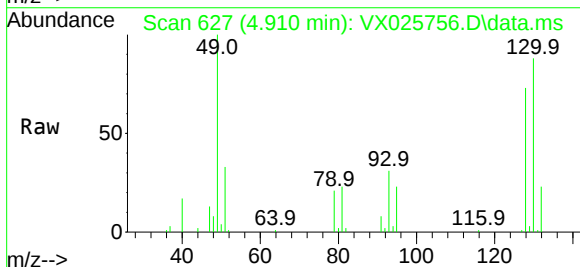
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

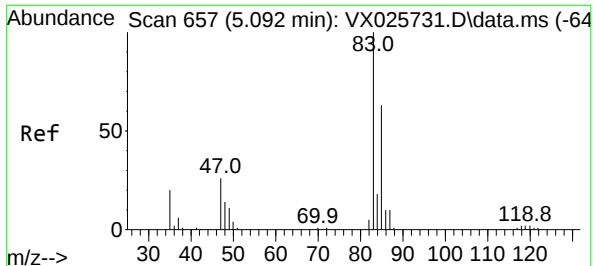
Tgt Ion: 43 Resp: 48738
Ion Ratio Lower Upper
43 100
72 26.5 13.8 41.3



#23
Bromochloromethane
Concen: 49.875 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion: 128 Resp: 16920
Ion Ratio Lower Upper
128 100
49 136.2 97.7 181.5
130 119.3 88.2 163.8
51 44.7 36.0 54.0





#25

Chloroform

Concen: 54.697 ug/L

RT: 5.105 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

Instrument :

MSVOA_X

ClientSampleId :

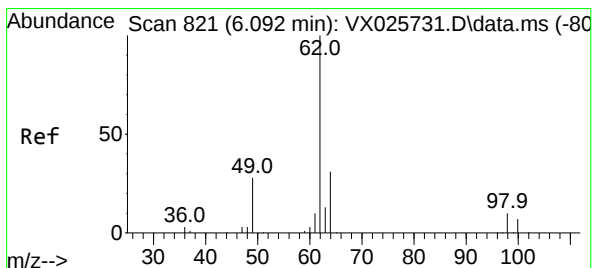
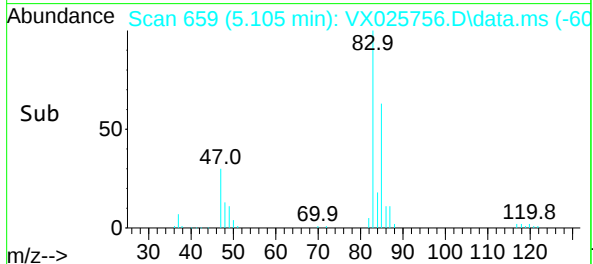
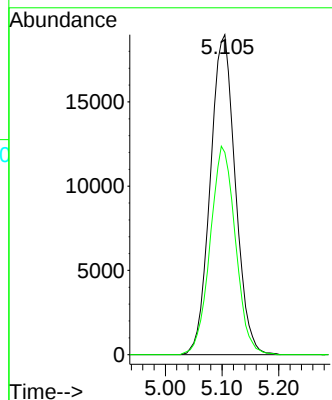
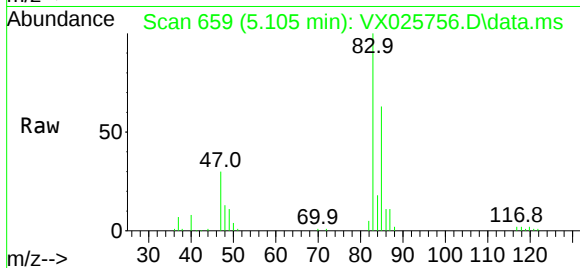
EW5Q3MS

Tgt Ion: 83 Resp: 58088

Ion Ratio Lower Upper

83 100

85 63.2 44.9 83.5



#27

1,2-Dichloroethane

Concen: 57.905 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX025756.D

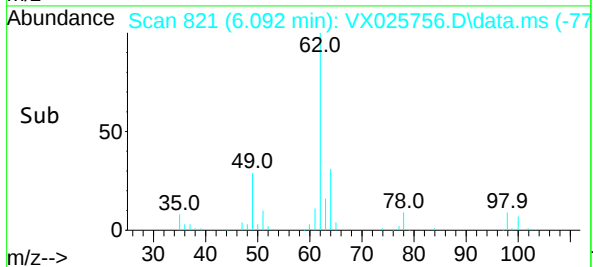
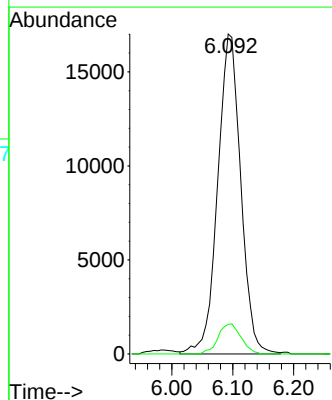
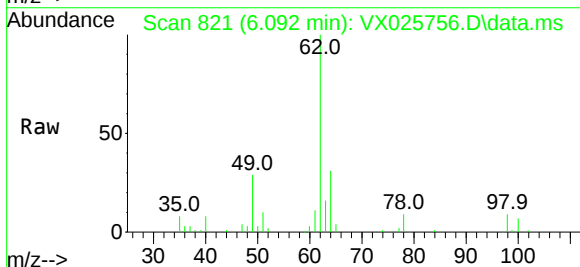
Acq: 11 Dec 2021 20:17

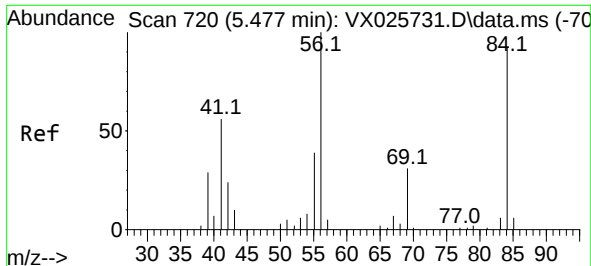
Tgt Ion: 62 Resp: 44727

Ion Ratio Lower Upper

62 100

98 9.3 8.2 12.2

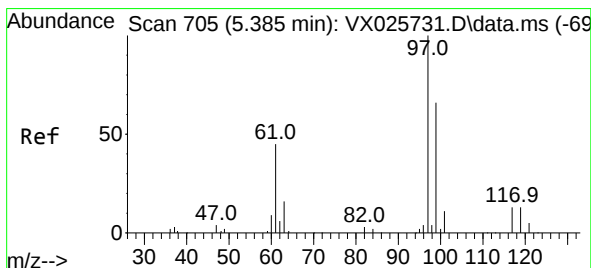
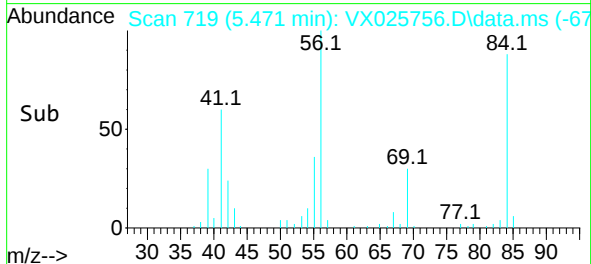
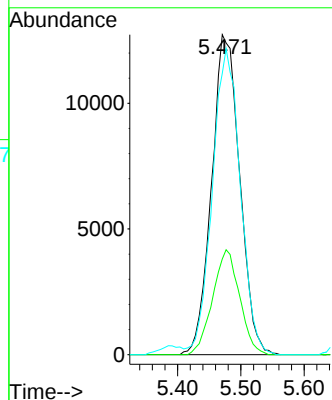
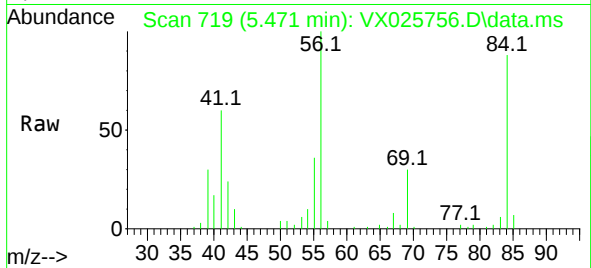




#29
Cyclohexane
Concen: 42.207 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

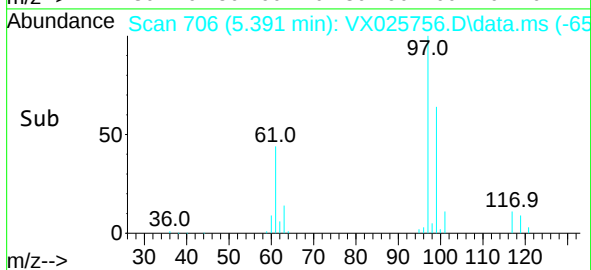
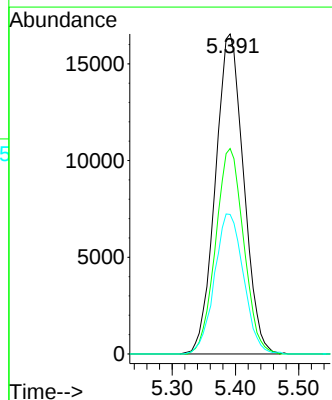
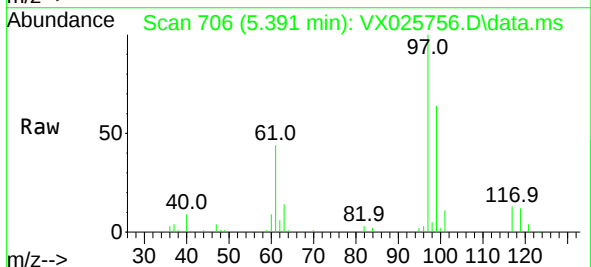
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

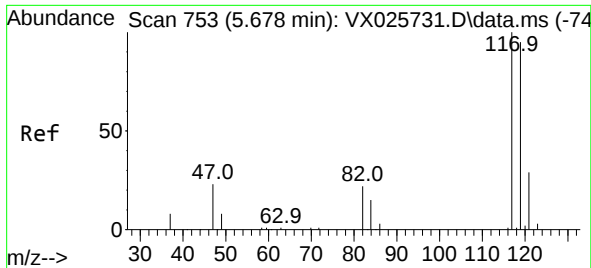
Tgt Ion: 56 Resp: 39316
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.2
84 95.1 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 51.139 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion: 97 Resp: 51329
Ion Ratio Lower Upper
97 100
99 63.6 51.5 77.3
61 44.8 33.1 49.7

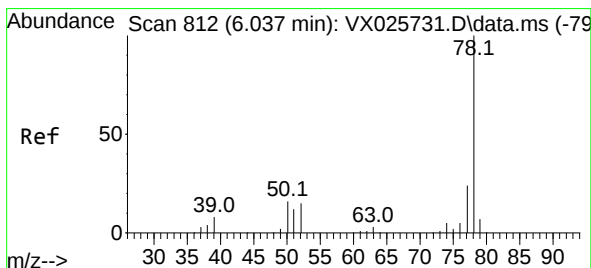
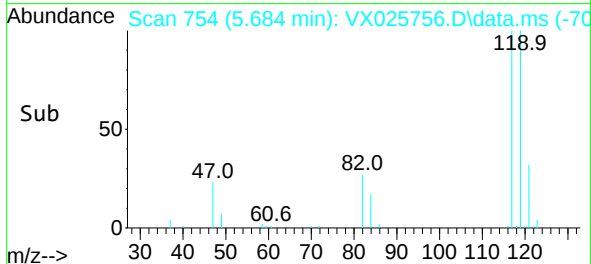
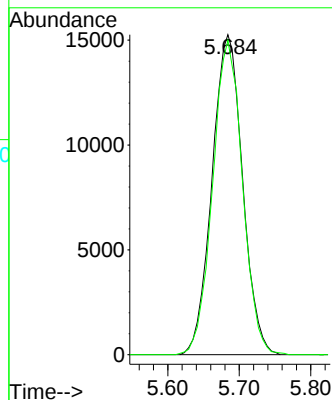
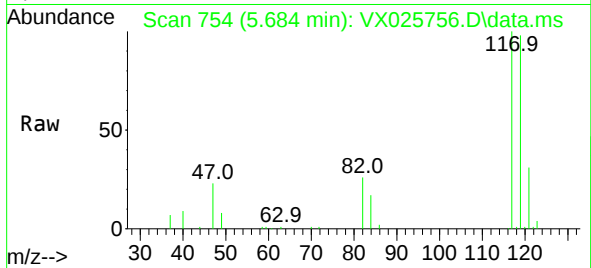




#31
Carbon tetrachloride
Concen: 50.456 ug/L
RT: 5.684 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

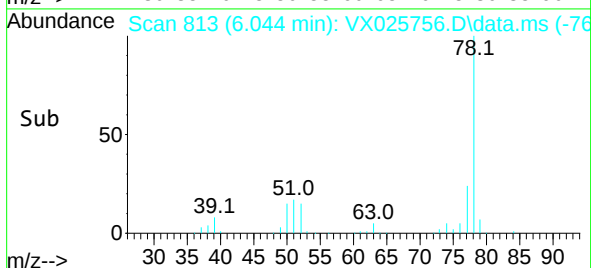
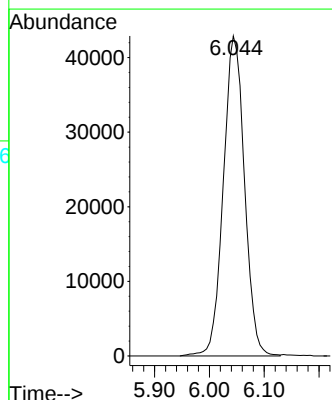
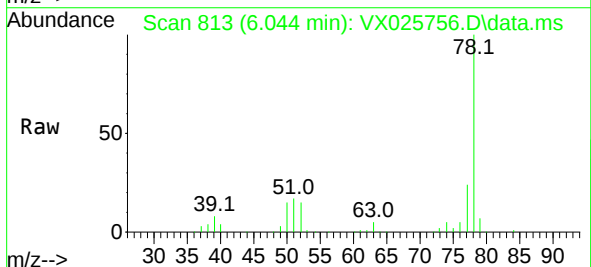
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

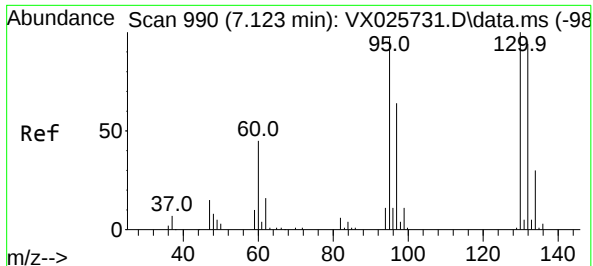
Tgt Ion:117 Resp: 45224
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2



#33
Benzene
Concen: 47.396 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion: 78 Resp: 115123



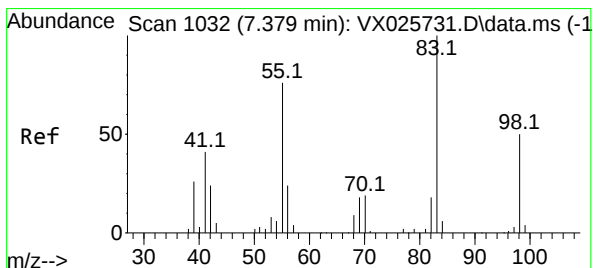
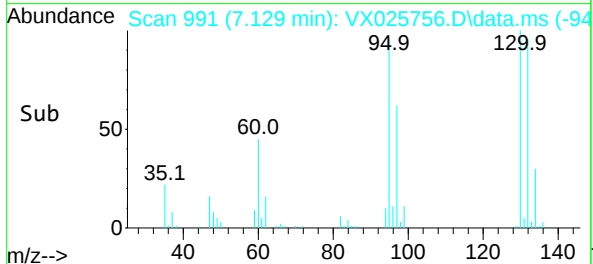
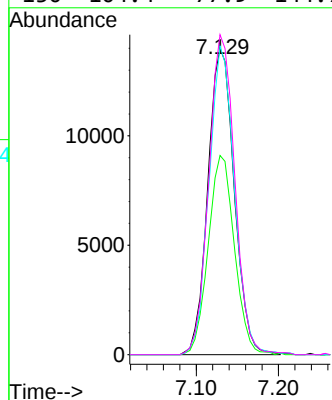
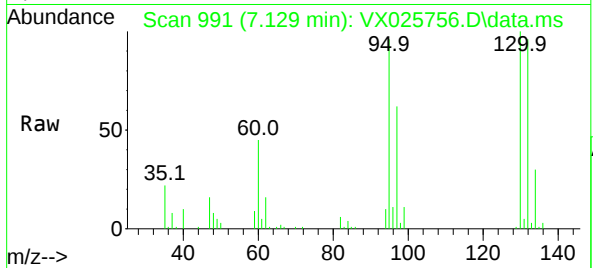


#34
Trichloroethene
Concen: 48.826 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

Tgt Ion: 95 Resp: 31194

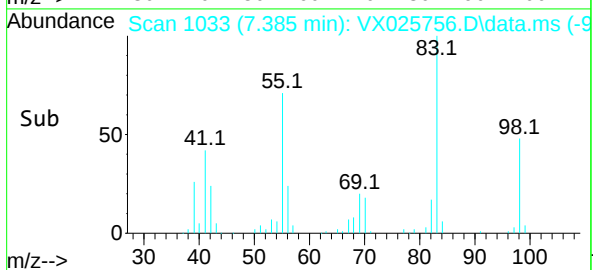
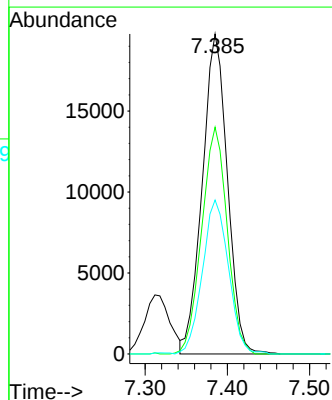
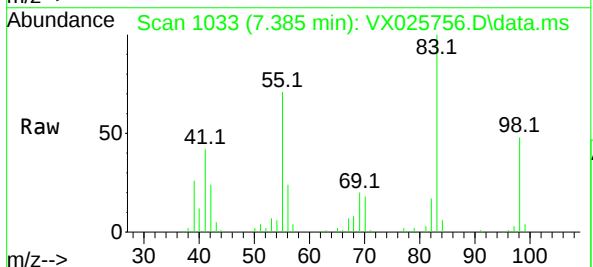
Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.0	85.4
132	100.6	75.0	139.2
130	104.4	77.9	144.7

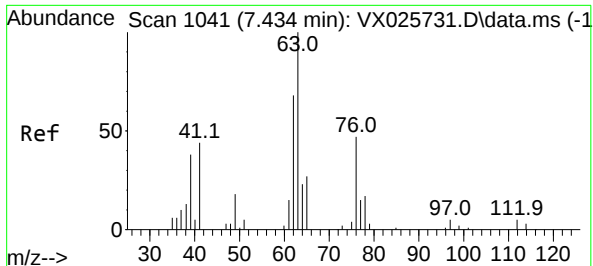


#35
Methylcyclohexane
Concen: 41.730 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion: 83 Resp: 41961

Ion	Ratio	Lower	Upper
83	100		
55	71.9	57.3	85.9
98	49.7	41.1	61.7





#37

1,2-Dichloropropane

Concen: 48.893 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

Instrument :

MSVOA_X

ClientSampleId :

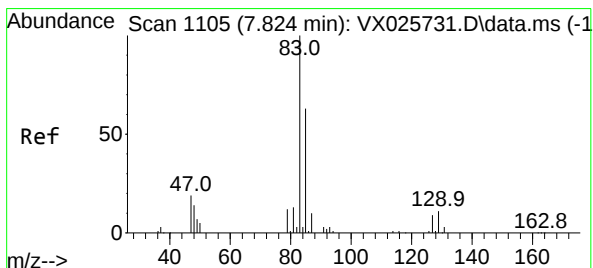
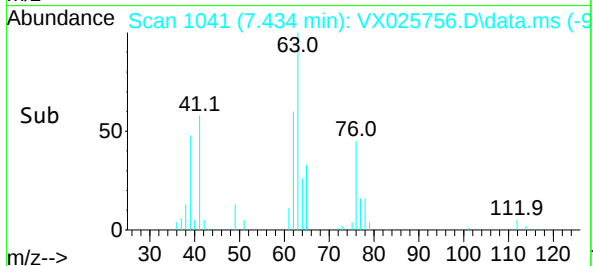
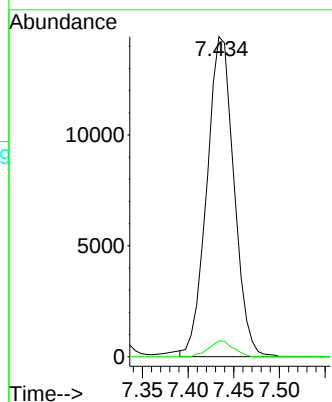
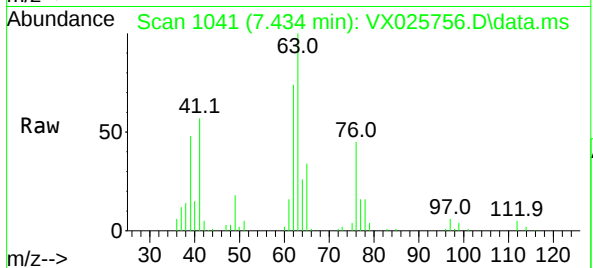
EW5Q3MS

Tgt Ion: 63 Resp: 29788

Ion Ratio Lower Upper

63 100

112 4.5 4.0 6.0



#38

Bromodichloromethane

Concen: 53.555 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

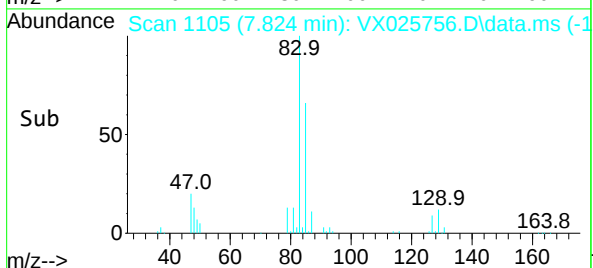
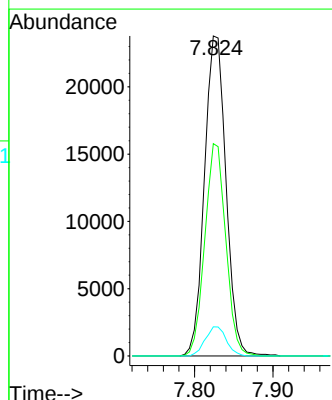
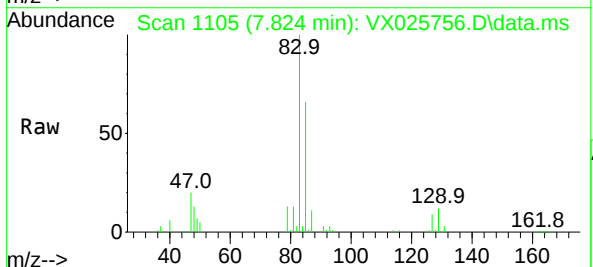
Tgt Ion: 83 Resp: 45438

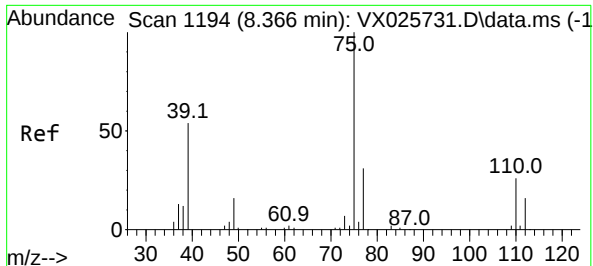
Ion Ratio Lower Upper

83 100

85 66.3 45.3 84.1

127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 46.138 ug/L

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

Instrument :

MSVOA_X

ClientSampleId :

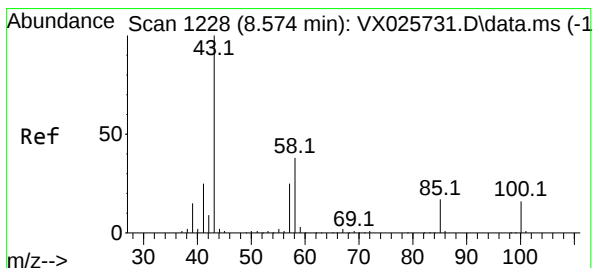
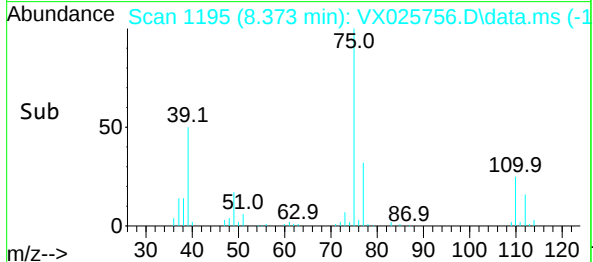
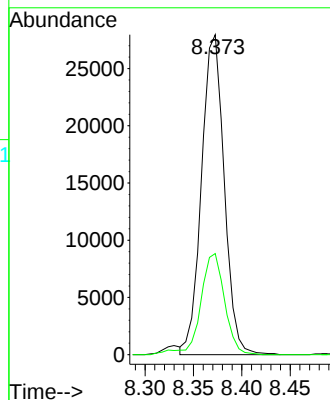
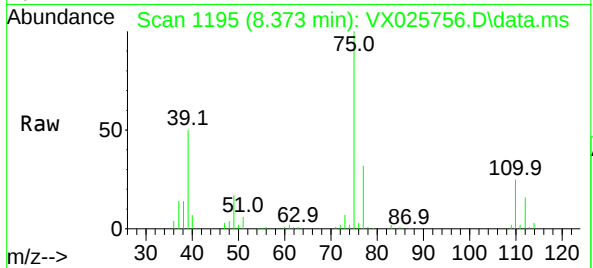
EW5Q3MS

Tgt Ion: 75 Resp: 45783

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 99.207 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

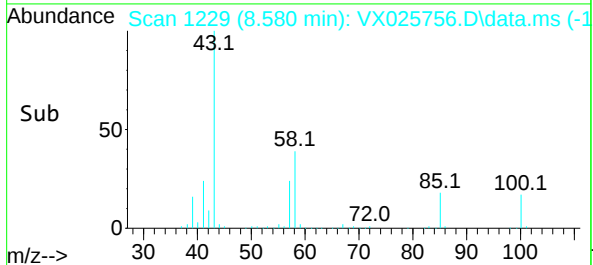
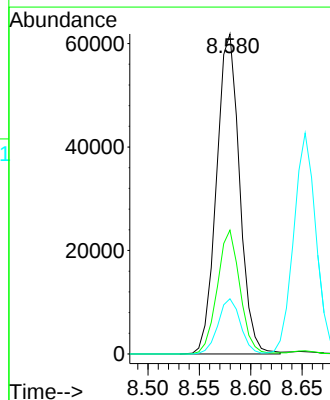
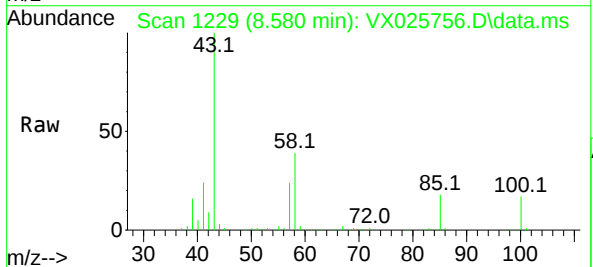
Tgt Ion: 43 Resp: 96514

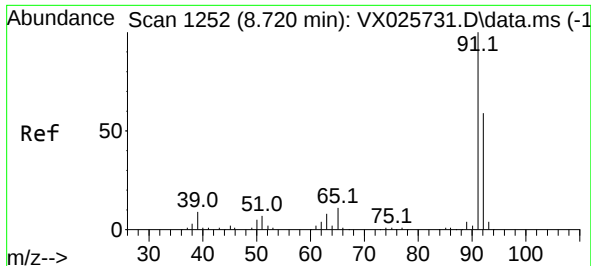
Ion Ratio Lower Upper

43 100

58 38.1 32.2 48.2

100 16.8 14.2 21.2

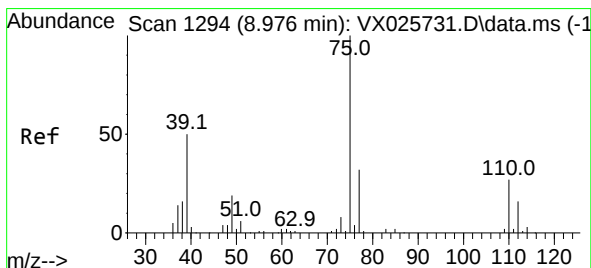
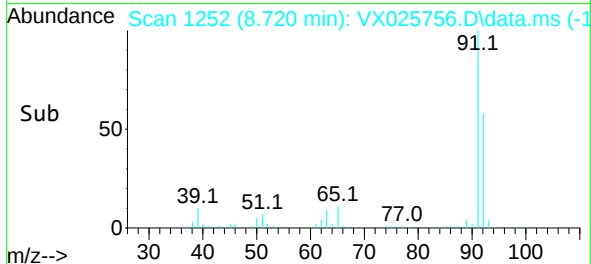
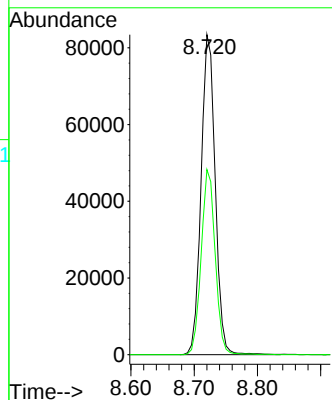
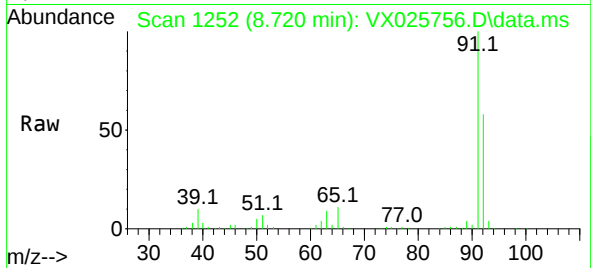




#42
Toluene
Concen: 48.432 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

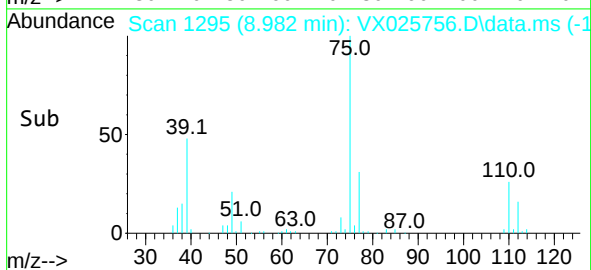
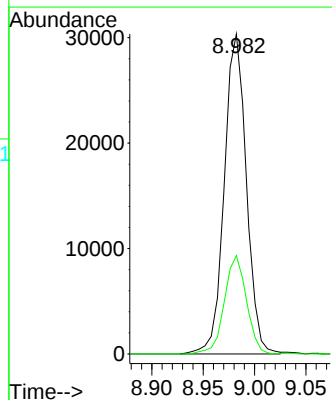
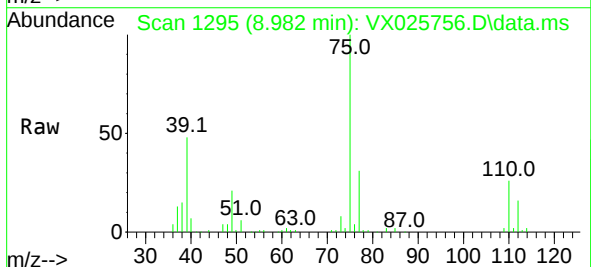
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

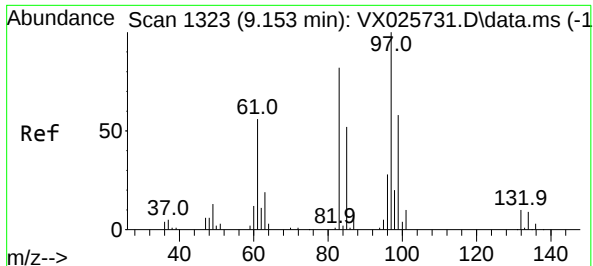
Tgt Ion: 91 Resp: 129737
Ion Ratio Lower Upper
91 100
92 57.9 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 47.552 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion: 75 Resp: 45352
Ion Ratio Lower Upper
75 100
77 30.7 23.0 42.8





#45

1,1,2-Trichloroethane

Concen: 49.621 ug/L

RT: 9.153 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

Instrument :

MSVOA_X

ClientSampleId :

EW5Q3MS

Tgt Ion: 97 Resp: 32082

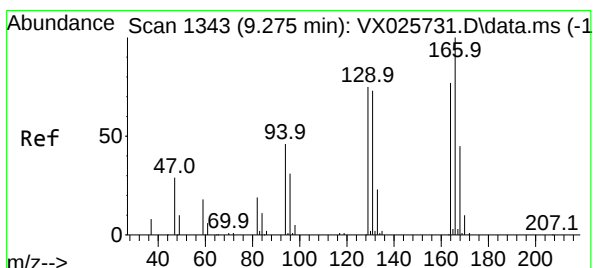
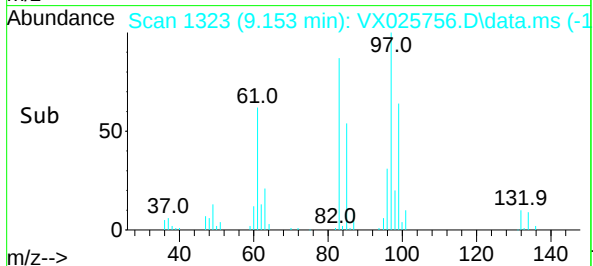
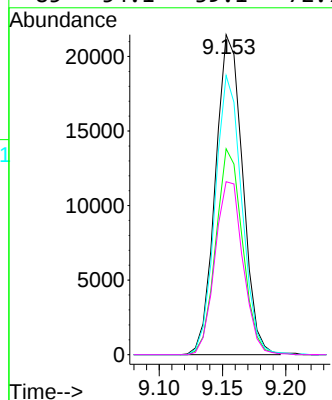
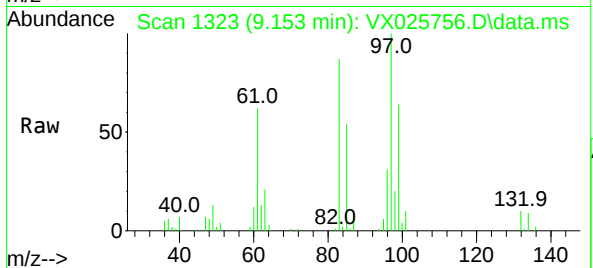
Ion Ratio Lower Upper

97 100

99 64.4 46.0 85.4

83 87.3 59.6 110.8

85 54.1 39.1 72.7



#46

Tetrachloroethene

Concen: 43.011 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

Tgt Ion:164 Resp: 23304

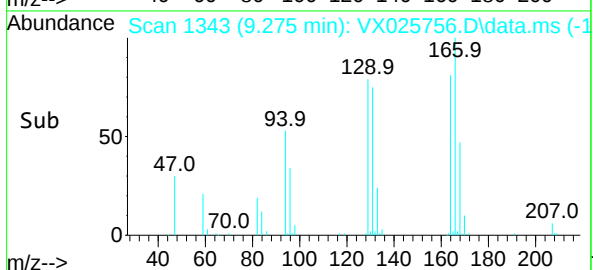
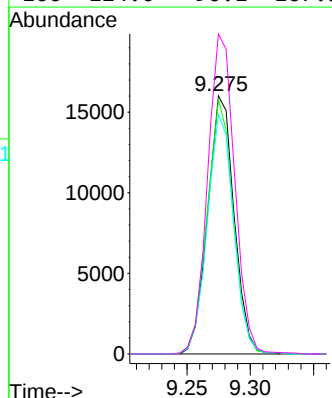
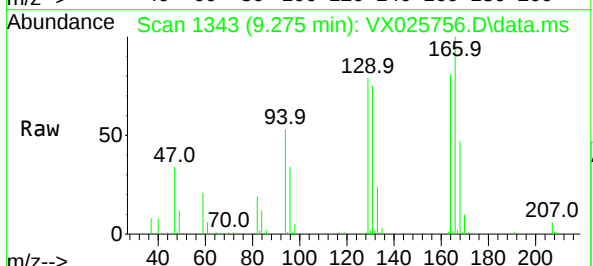
Ion Ratio Lower Upper

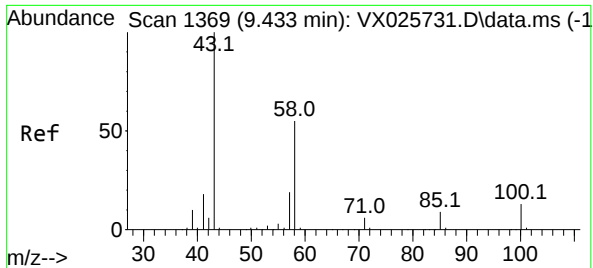
164 100

129 98.5 64.7 120.1

131 92.7 63.2 117.4

166 124.0 90.1 167.3

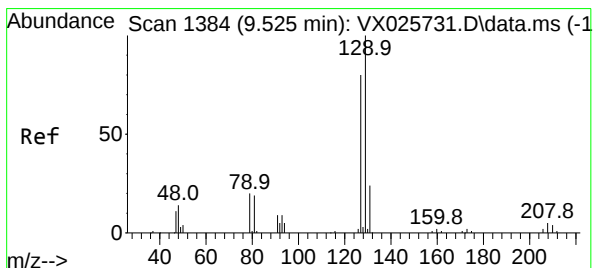
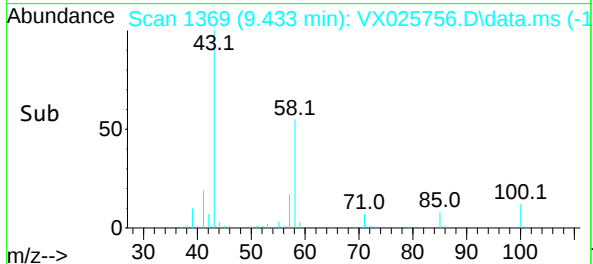
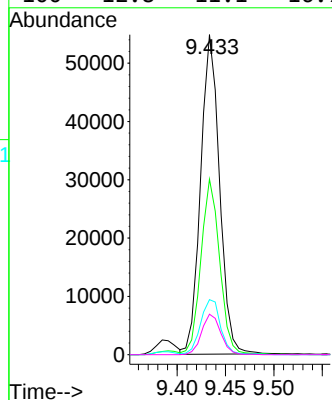
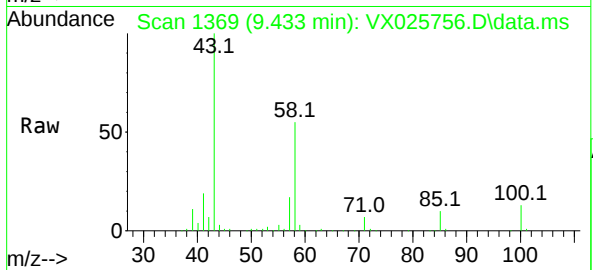




#48
2-Hexanone
Concen: 95.770 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

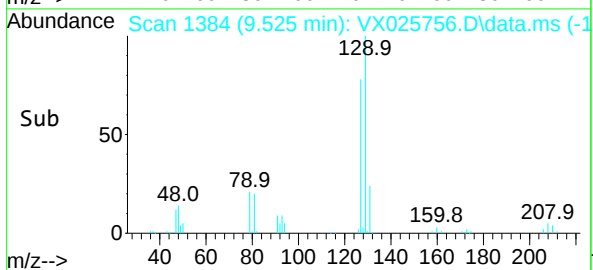
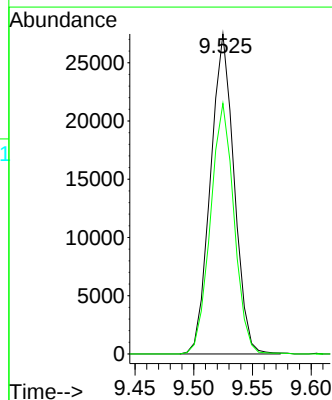
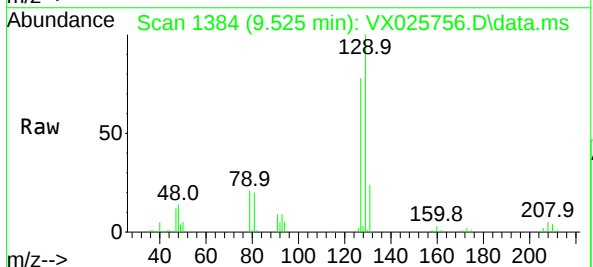
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

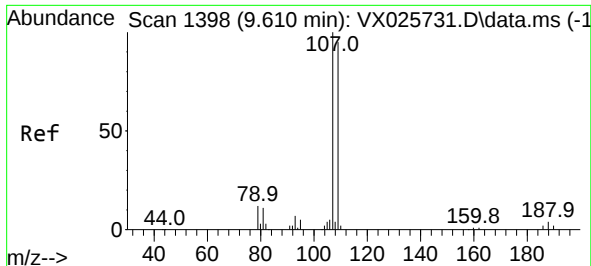
Tgt Ion:	43	Resp:	74831
Ion	Ratio	Lower	Upper
43	100		
58	54.2	44.2	66.4
57	18.3	15.1	22.7
100	12.8	11.1	16.7



#49
Dibromochloromethane
Concen: 51.699 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion:	129	Resp:	38525
Ion	Ratio	Lower	Upper
129	100		
127	78.3	52.4	97.2





#50

1,2-Dibromoethane

Concen: 49.332 ug/L

RT: 9.616 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

Instrument :

MSVOA_X

ClientSampleId :

EW5Q3MS

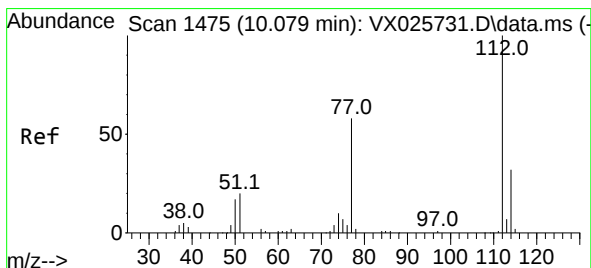
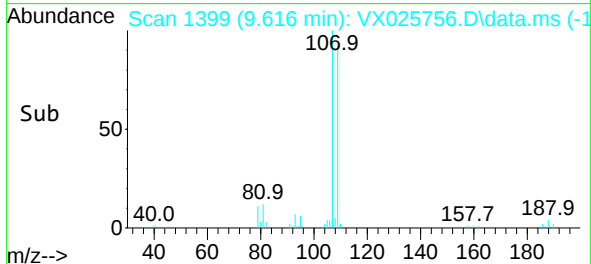
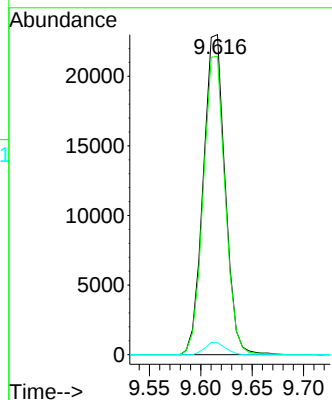
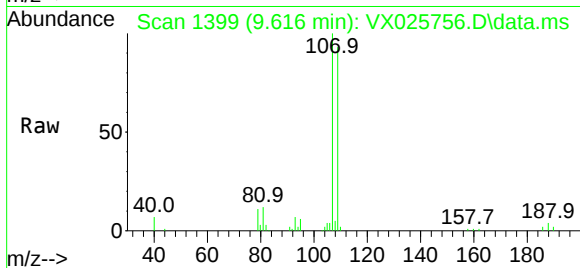
Tgt Ion:107 Resp: 33994

Ion Ratio Lower Upper

107 100

109 93.2 65.3 121.3

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 48.269 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

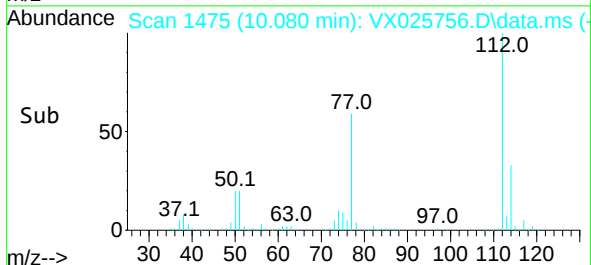
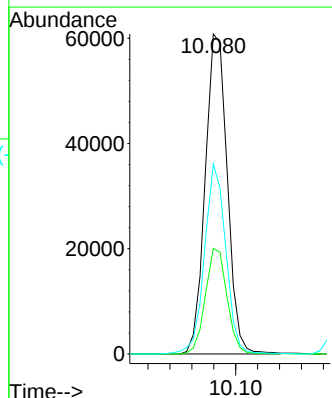
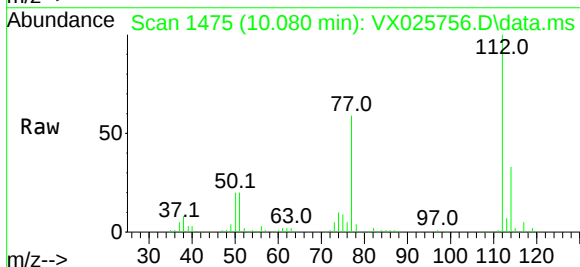
Tgt Ion:112 Resp: 85291

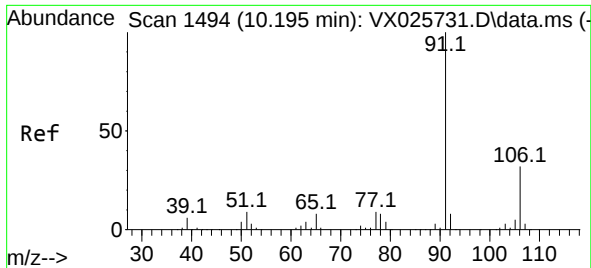
Ion Ratio Lower Upper

112 100

114 33.0 22.5 41.9

77 59.3 44.5 66.7

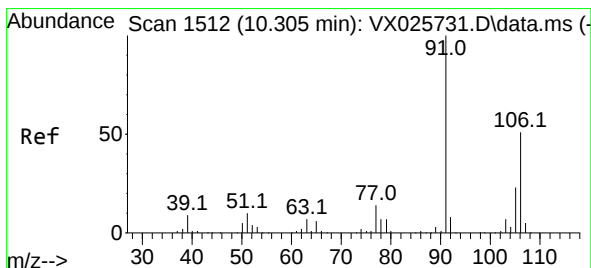
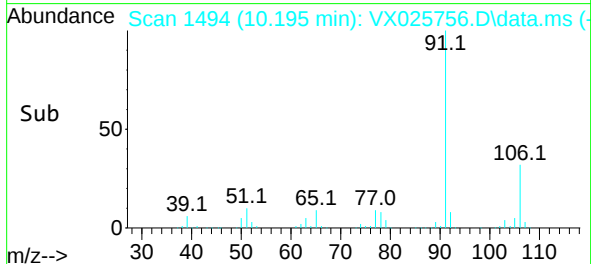
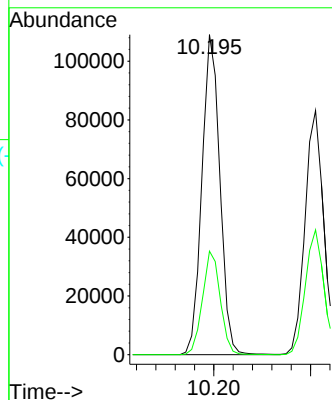
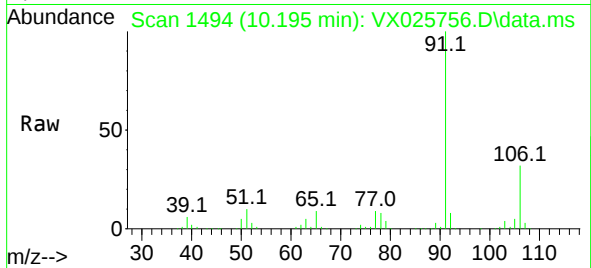




#52
Ethylbenzene
Concen: 48.999 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

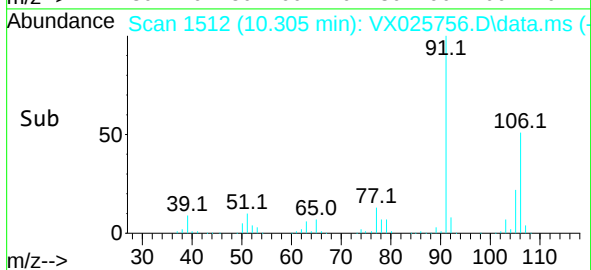
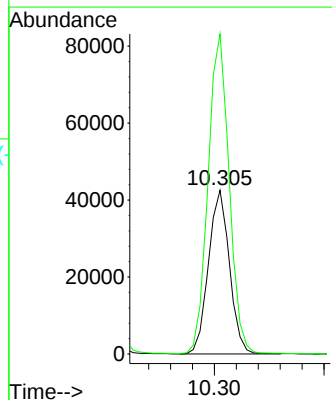
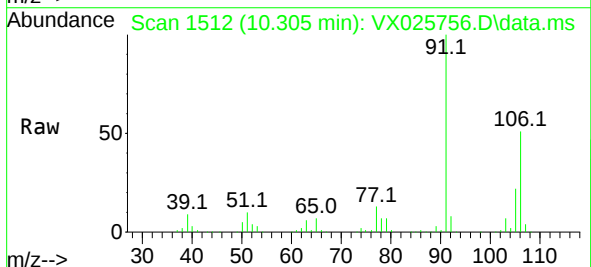
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

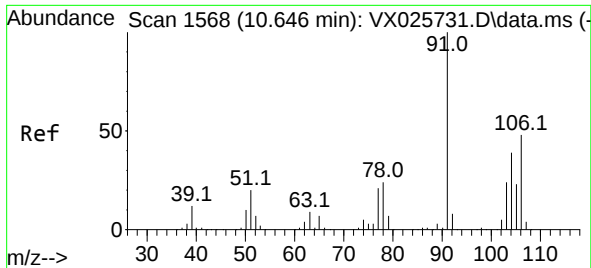
Tgt Ion: 91 Resp: 141066
Ion Ratio Lower Upper
91 100
106 32.3 23.1 42.9



#53
m,p-Xylene
Concen: 48.599 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion: 106 Resp: 56674
Ion Ratio Lower Upper
106 100
91 195.6 136.8 254.2

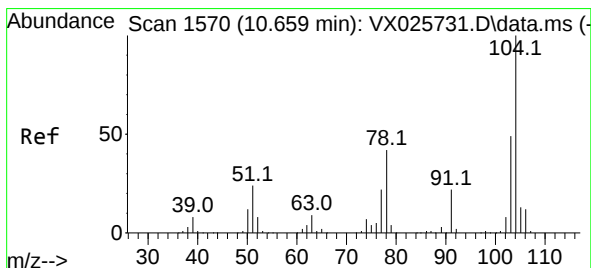
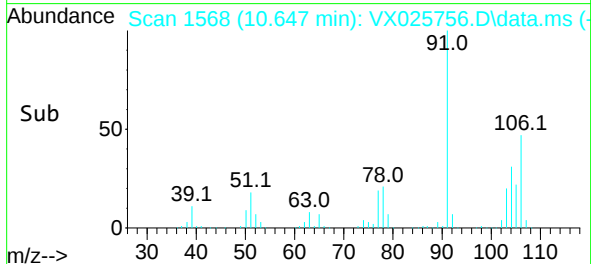
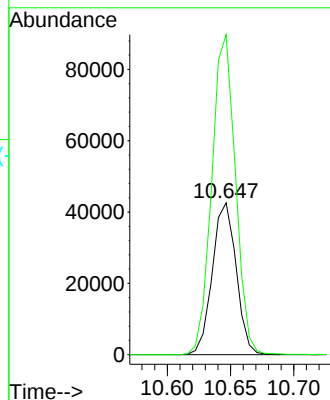
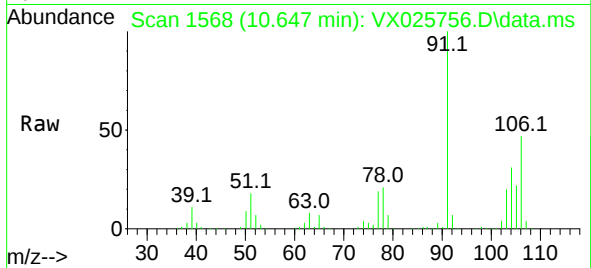




#54
o-Xylene
Concen: 47.846 ug/L
RT: 10.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

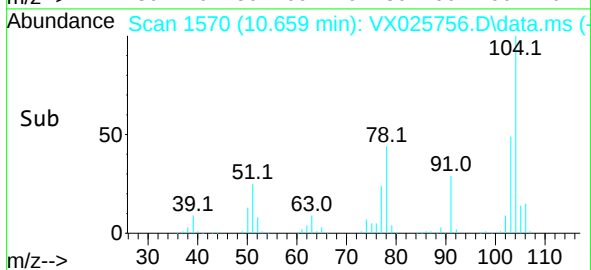
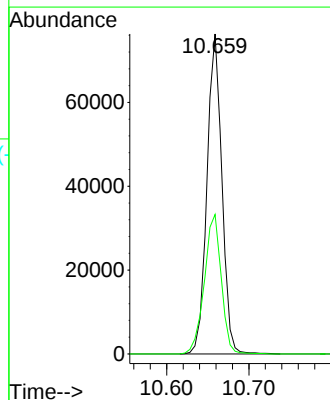
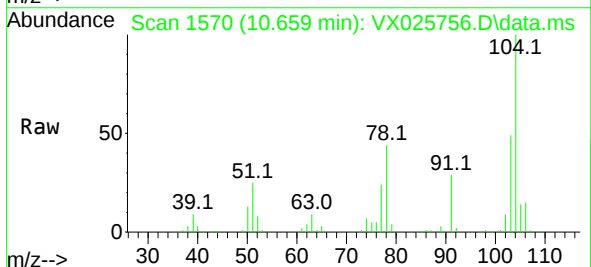
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

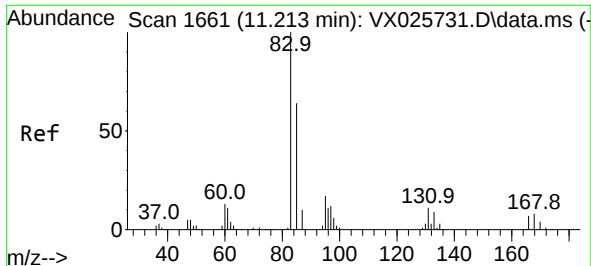
Tgt Ion:106 Resp: 55852
Ion Ratio Lower Upper
106 100
91 210.7 140.5 260.9



#55
Styrene
Concen: 49.579 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion:104 Resp: 96169
Ion Ratio Lower Upper
104 100
78 43.6 28.6 53.0

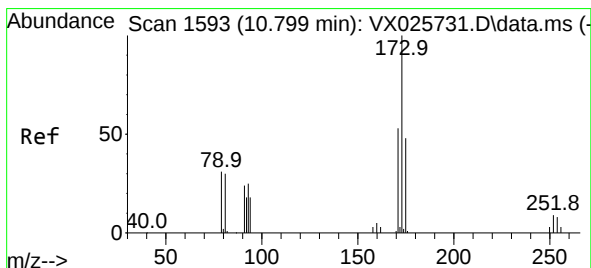
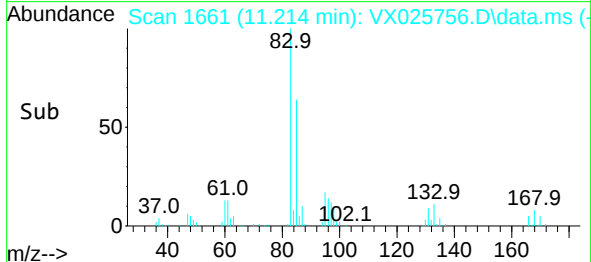
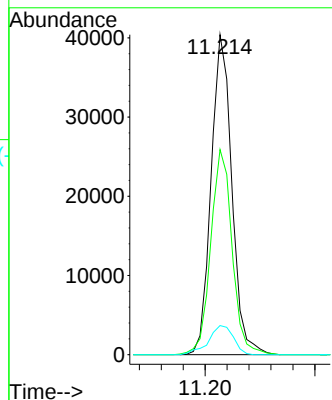
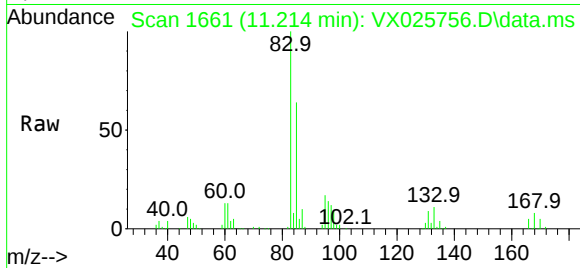




#57
1,1,2-Tetrachloroethane
Concen: 53.111 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

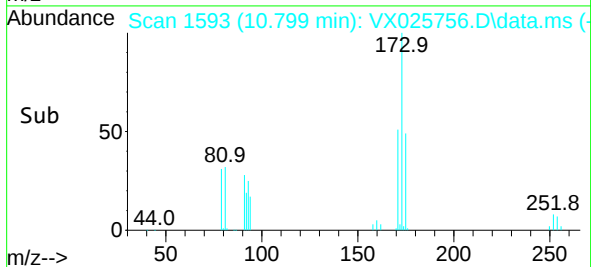
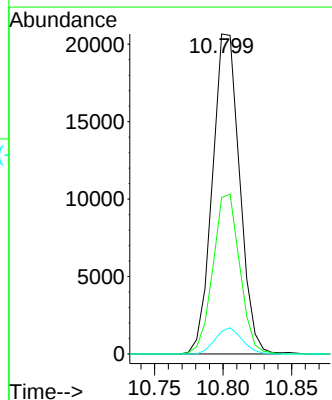
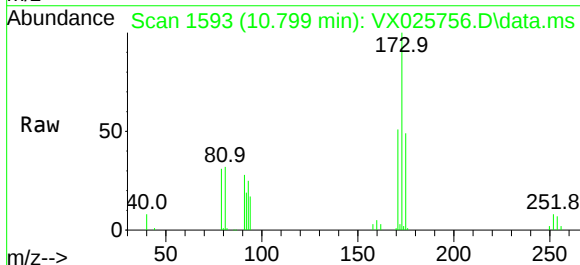
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

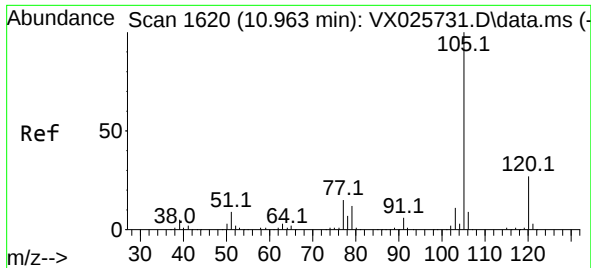
Tgt Ion: 83 Resp: 53024
Ion Ratio Lower Upper
83 100
85 64.1 47.0 87.2
131 9.1 8.5 12.7



#59
Bromoform
Concen: 50.497 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion:173 Resp: 28529
Ion Ratio Lower Upper
173 100
175 49.1 38.6 58.0
254 8.0 7.7 11.5

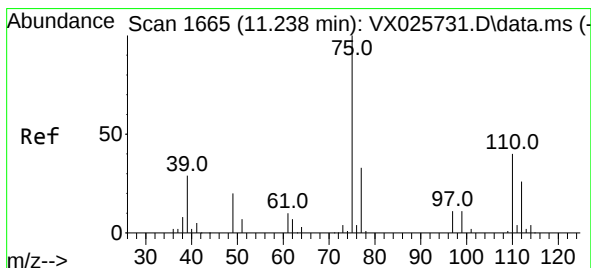
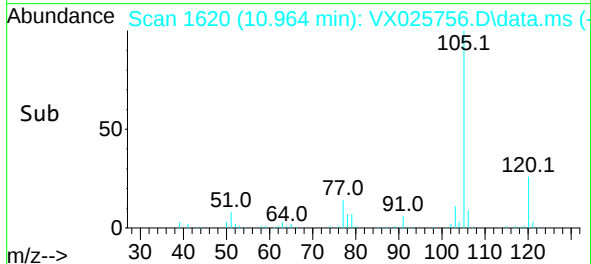
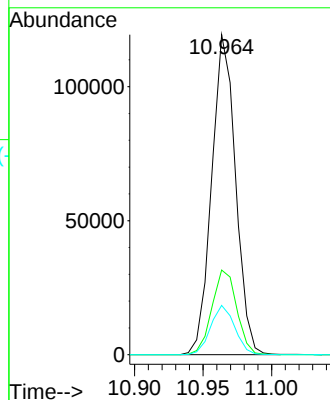
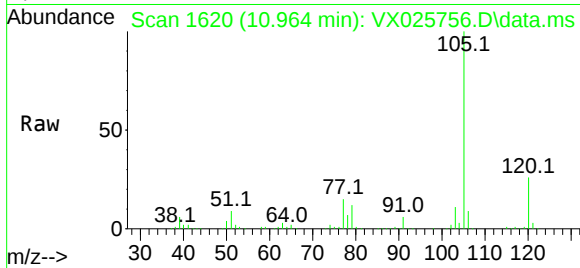




#60
Isopropylbenzene
Concen: 49.233 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

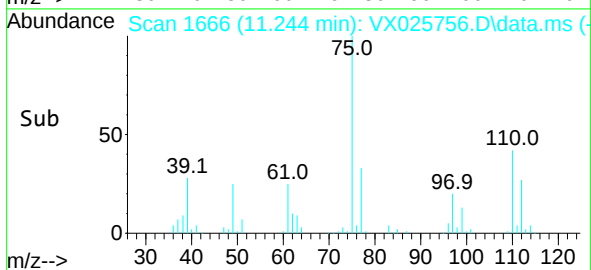
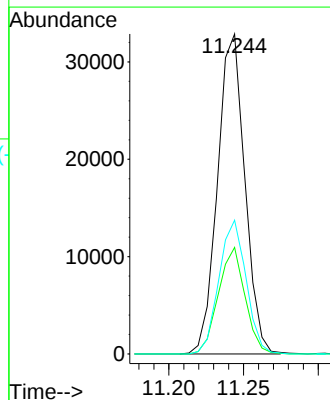
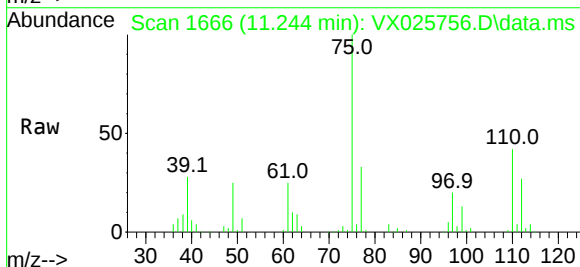
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

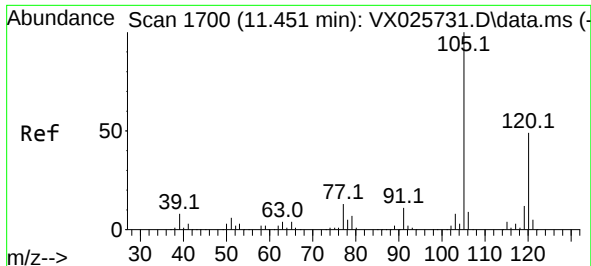
Tgt Ion:105 Resp: 144877
Ion Ratio Lower Upper
105 100
120 27.5 22.3 33.5
77 15.5 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 53.349 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion: 75 Resp: 41787
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 41.5 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 49.502 ug/L

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

Instrument :

MSVOA_X

ClientSampleId :

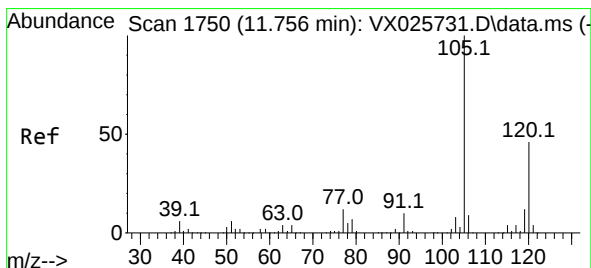
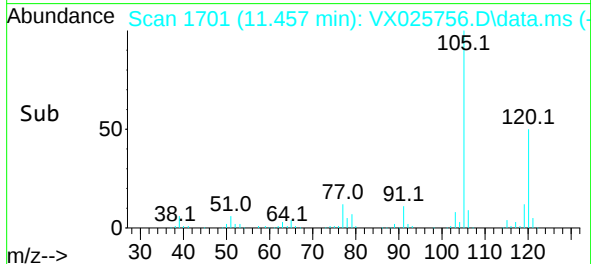
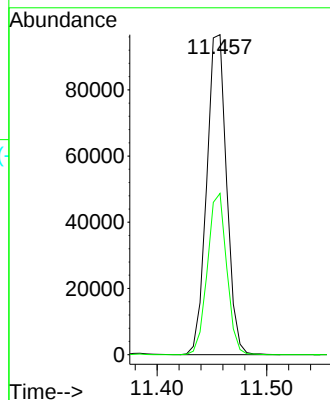
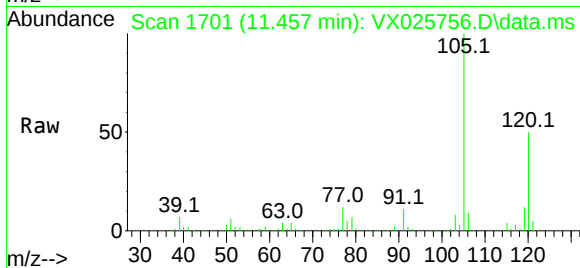
EW5Q3MS

Tgt Ion:105 Resp: 121834

Ion Ratio Lower Upper

105 100

120 48.9 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 48.789 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX025756.D

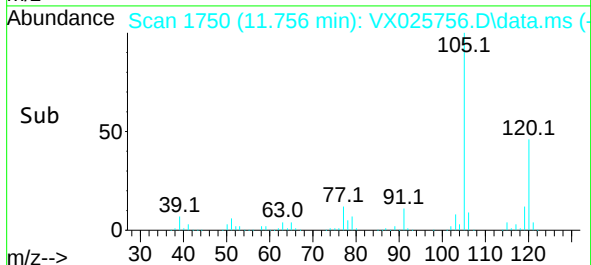
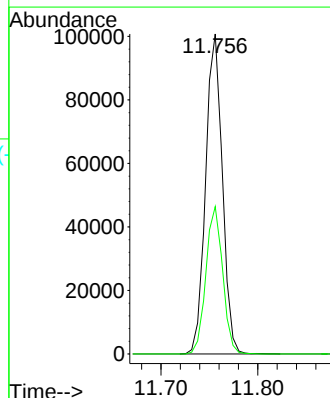
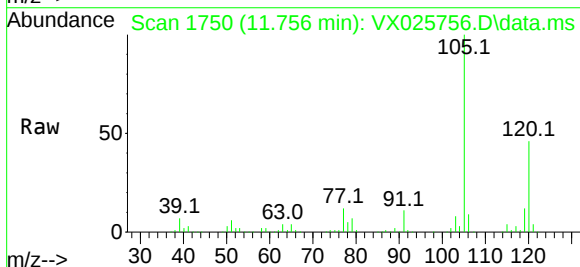
Acq: 11 Dec 2021 20:17

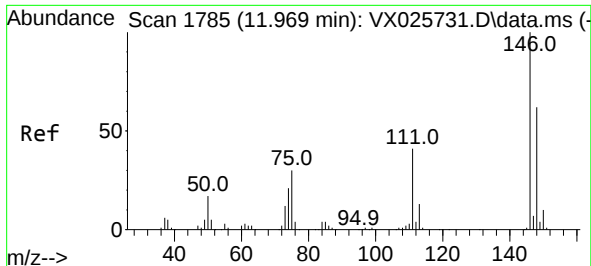
Tgt Ion:105 Resp: 121327

Ion Ratio Lower Upper

105 100

120 46.1 0.1 0.1#

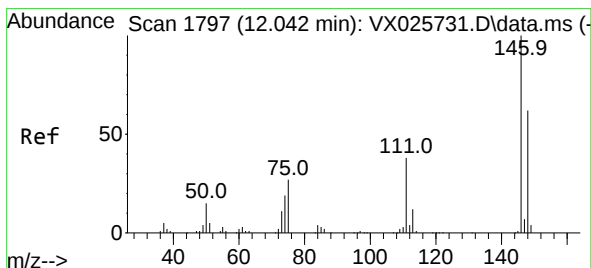
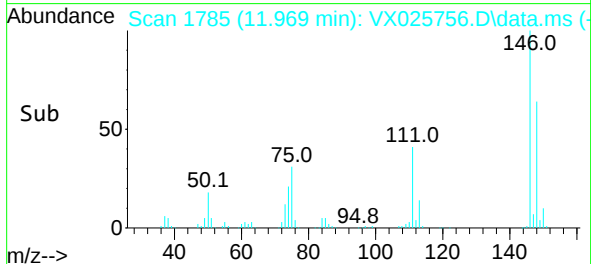
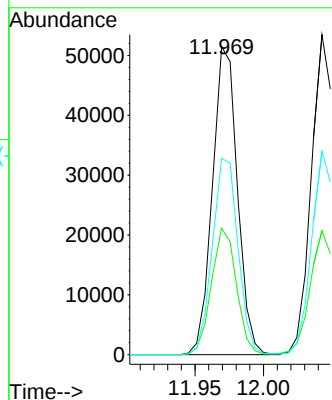
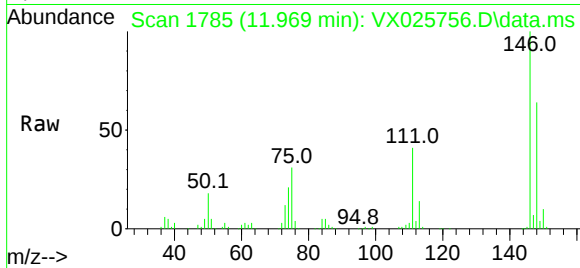




#64
1,3-Dichlorobenzene
Concen: 48.346 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

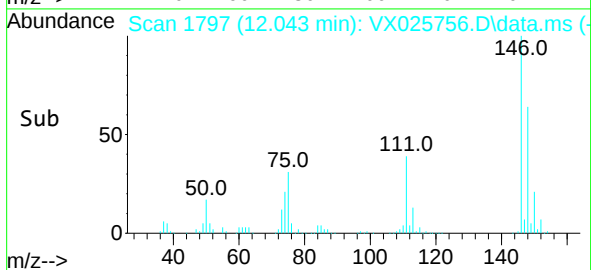
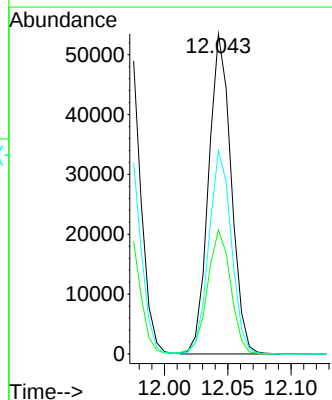
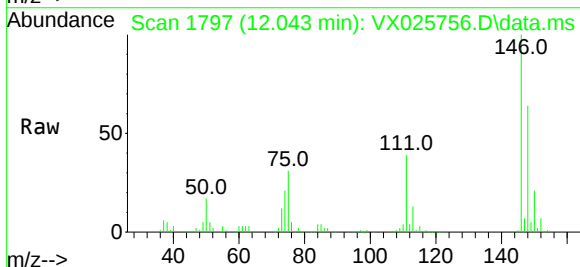
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

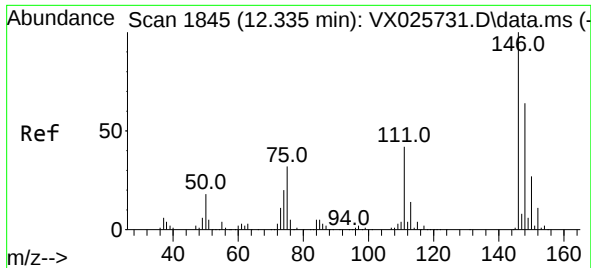
Tgt Ion:146 Resp: 65326
Ion Ratio Lower Upper
146 100
111 41.1 27.6 51.2
148 63.7 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 48.579 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion:146 Resp: 66304
Ion Ratio Lower Upper
146 100
111 38.8 26.5 49.3
148 63.5 45.5 84.5

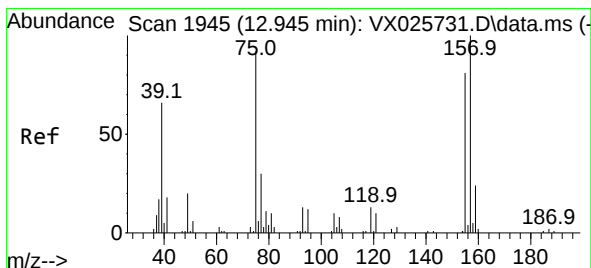
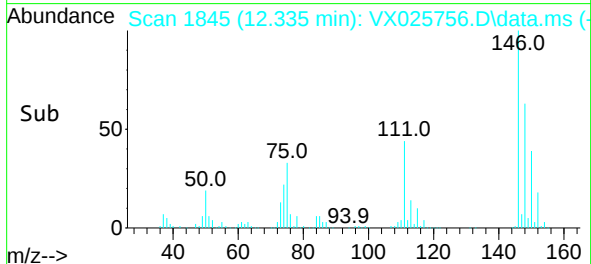
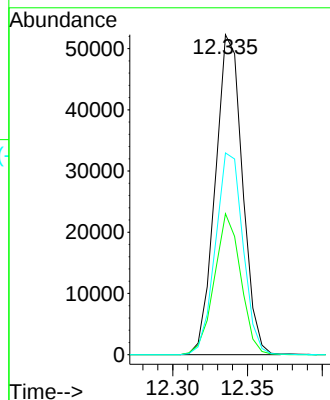
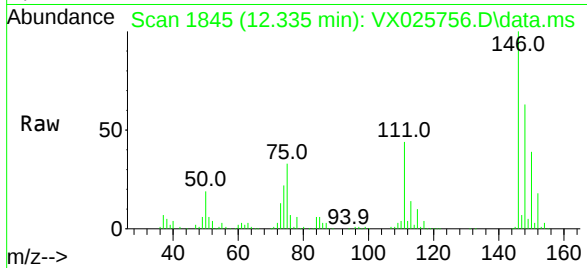




#67
1,2-Dichlorobenzene
Concen: 48.294 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

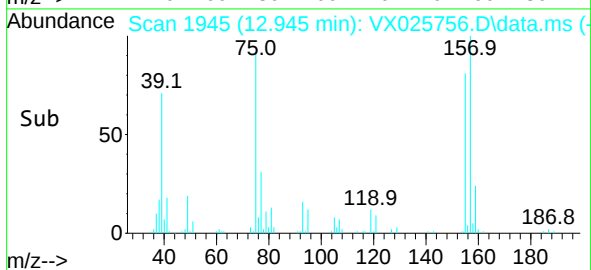
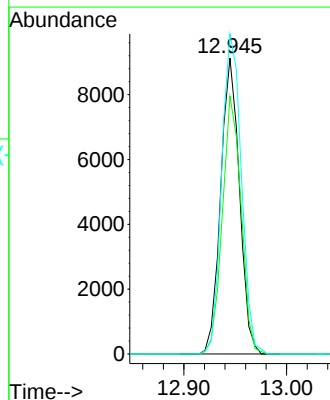
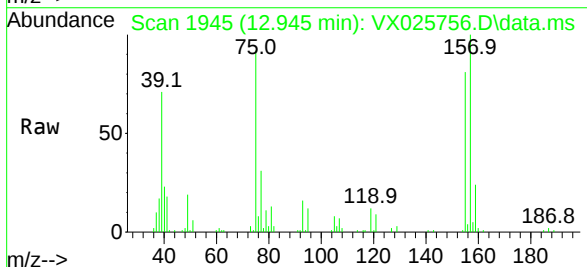
Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

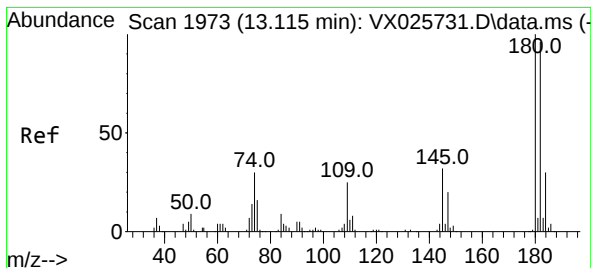
Tgt Ion:146 Resp: 65984
Ion Ratio Lower Upper
146 100
111 44.1 32.3 48.5
148 63.0 50.3 75.5



#68
1,2-Dibromo-3-chloropropane
Concen: 52.901 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion: 75 Resp: 11516
Ion Ratio Lower Upper
75 100
155 87.1 79.4 119.2
157 108.1 100.4 150.6





#69

1,3,5-Trichlorobenzene

Concen: 42.787 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

Instrument :

MSVOA_X

ClientSampleId :

EW5Q3MS

Tgt Ion:180 Resp: 42058

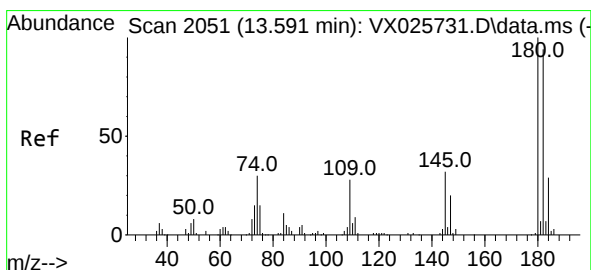
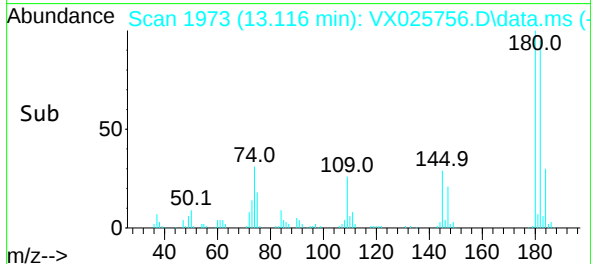
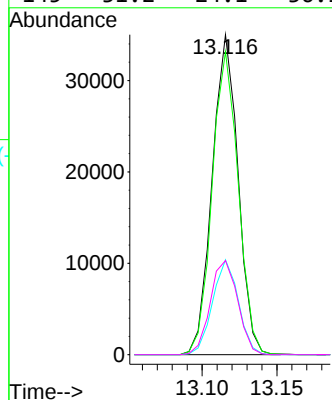
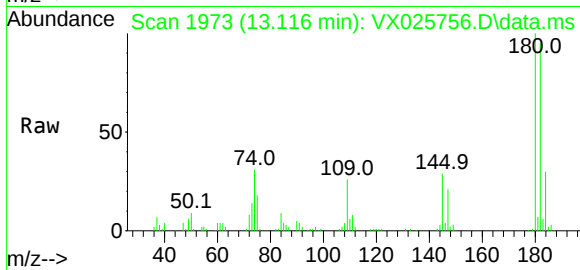
Ion Ratio Lower Upper

180 100

182 95.5 75.3 112.9

184 29.6 24.6 37.0

145 31.2 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 42.575 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX025756.D

Acq: 11 Dec 2021 20:17

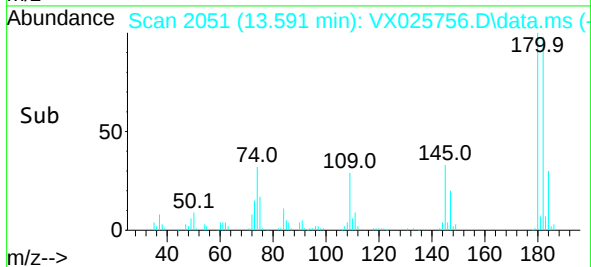
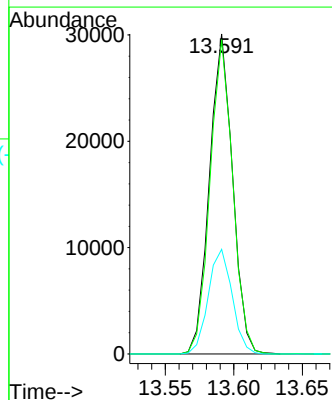
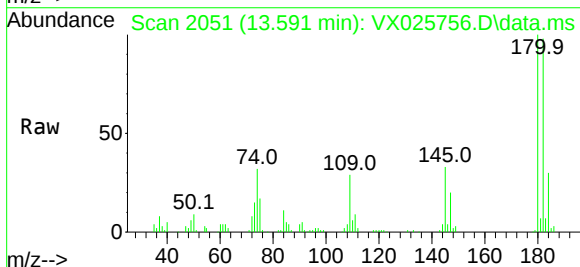
Tgt Ion:180 Resp: 35178

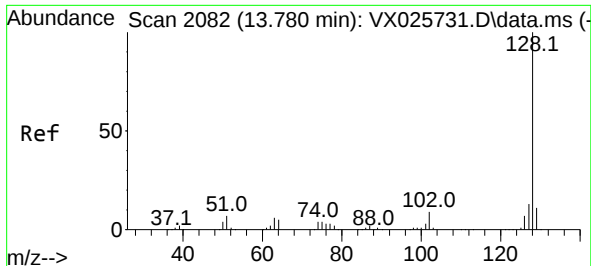
Ion Ratio Lower Upper

180 100

182 96.5 78.2 117.4

145 33.8 24.7 37.1

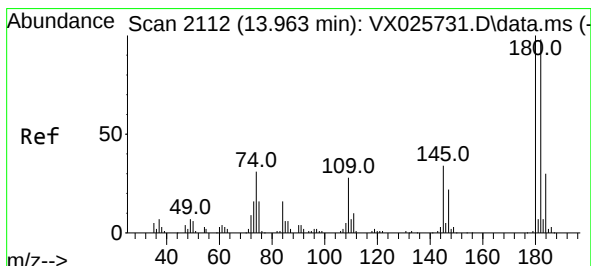
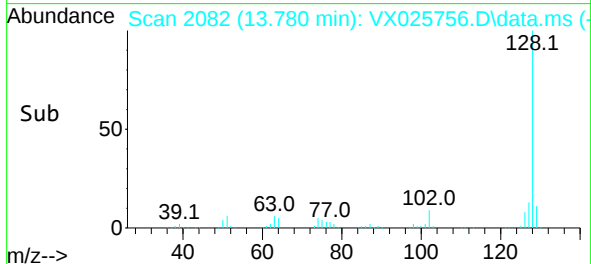
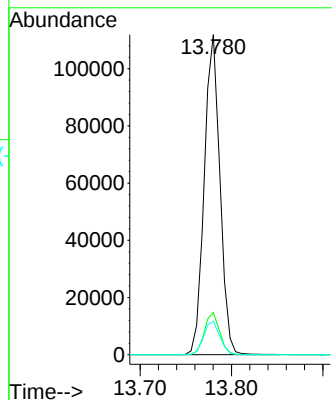
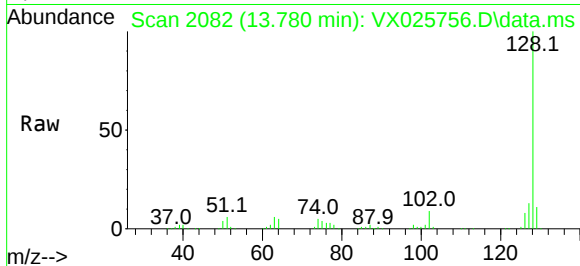




#71
Naphthalene
Concen: 47.500 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Instrument :
MSVOA_X
ClientSampleId :
EW5Q3MS

Tgt Ion:128 Resp: 133032
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 43.989 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025756.D
Acq: 11 Dec 2021 20:17

Tgt Ion:180 Resp: 37234
Ion Ratio Lower Upper
180 100
182 93.8 75.2 112.8
145 35.3 25.8 38.6

