

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025987.D
 Acq On : 23 Dec 2021 22:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 06:48:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	207289	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104634	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	77231	52.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.080%
7) Chloroethane-d5	1.666	69	61381	52.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.500%
11) 1,1-Dichloroethene-d2	2.313	63	151498	52.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.020%
21) 2-Butanone-d5	4.459	46	137004	107.501	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.500%
24) Chloroform-d	5.068	84	155420	52.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.660%
26) 1,2-Dichloroethane-d4	5.958	65	105279	52.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.720%
32) Benzene-d6	5.977	84	301888	53.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.420%
36) 1,2-Dichloropropane-d6	7.312	67	96334	54.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.260%
41) Toluene-d8	8.653	98	276526	52.206	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.420%
43) trans-1,3-Dichloroprop...	8.952	79	42714	55.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.340%
47) 2-Hexanone-d5	9.385	63	99756	109.608	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.610%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	140838	54.163	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.320%
66) 1,2-Dichlorobenzene-d4	12.323	152	104642	52.923	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	107848	52.056	ug/L	100
3) Chloromethane	1.295	50	103718	53.933	ug/L	99
5) Vinyl chloride	1.374	62	101703	53.284	ug/L	99
6) Bromomethane	1.605	94	65129	59.756	ug/L	99
8) Chloroethane	1.691	64	61460	53.329	ug/L	97
9) Trichlorofluoromethane	1.892	101	149910	51.903	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	76240	51.190	ug/L	94
12) 1,1-Dichloroethene	2.325	96	74152	53.232	ug/L	91
13) Acetone	2.380	43	87253	125.230	ug/L	93
14) Carbon disulfide	2.514	76	202130	52.538	ug/L	99
15) Methyl Acetate	2.709	43	104895	54.627	ug/L #	91
16) Methylene chloride	2.794	84	86995	53.715	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	79666	53.707	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	269505	55.928	ug/L	95
19) 1,1-Dichloroethane	3.617	63	152177	54.397	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	89980	54.353	ug/L	89
22) 2-Butanone	4.562	43	151143	116.508	ug/L	94
23) Bromochloromethane	4.904	128	45911	55.591	ug/L #	80
25) Chloroform	5.093	83	160452	54.973	ug/L	96

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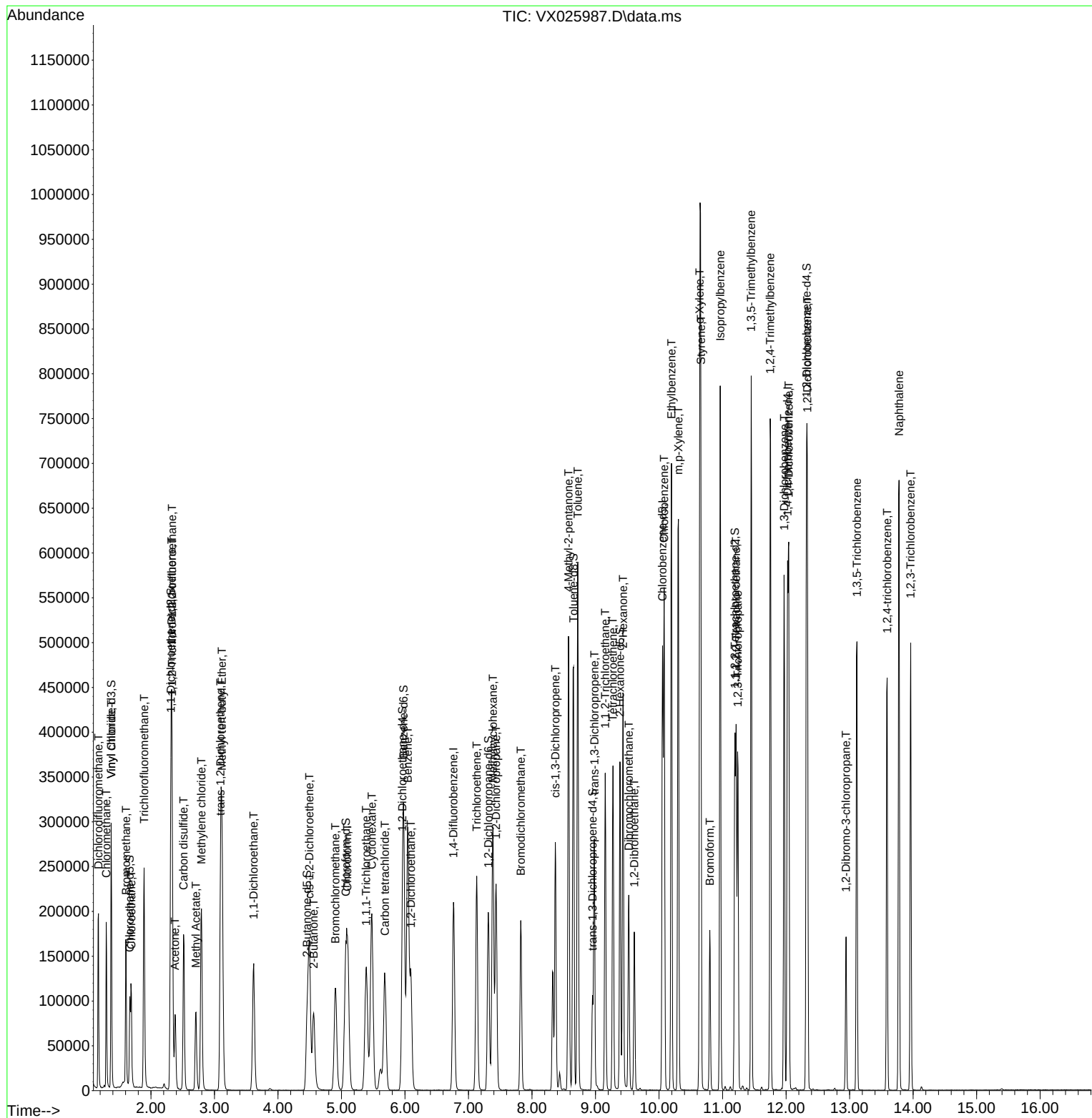
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	134430	55.836	ug/L	95
29) Cyclohexane	5.477	56	131537	50.811	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	130702	54.461	ug/L	96
31) Carbon tetrachloride	5.684	117	110588	53.169	ug/L	99
33) Benzene	6.044	78	339434	54.235	ug/L	100
34) Trichloroethene	7.129	95	85419	53.356	ug/L	90
35) Methylcyclohexane	7.385	83	129829	51.237	ug/L	94
37) 1,2-Dichloropropane	7.434	63	88786	55.889	ug/L	98
38) Bromodichloromethane	7.824	83	115883	55.661	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	130837	57.315	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	300192	112.399	ug/L	94
42) Toluene	8.720	91	355938	53.404	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	124763	57.592	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	85310	55.597	ug/L	98
46) Tetrachloroethene	9.275	164	63553	52.036	ug/L	98
48) 2-Hexanone	9.433	43	235614	115.988	ug/L	95
49) Dibromochloromethane	9.525	129	88688	55.965	ug/L	95
50) 1,2-Dibromoethane	9.610	107	90325	55.122	ug/L	99
51) Chlorobenzene	10.080	112	223743	53.331	ug/L	95
52) Ethylbenzene	10.195	91	384955	53.254	ug/L	95
53) m,p-Xylene	10.305	106	146113	52.951	ug/L	93
54) o-Xylene	10.640	106	144854	52.997	ug/L	85
55) Styrene	10.659	104	250820	54.358	ug/L	92
57) 1,1,2,2-Tetrachloroethane	11.213	83	143247	55.554	ug/L	96
59) Bromoform	10.799	173	59822	55.358	ug/L	99
60) Isopropylbenzene	10.964	105	379171	52.744	ug/L	96
61) 1,2,3-Trichloropropane	11.238	75	115649	55.317	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	320677	53.277	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	324879	53.878	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	169713	52.910	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	169941	52.623	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	170133	53.646	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	30128	54.697	ug/L	83
69) 1,3,5-Trichlorobenzene	13.116	180	114350	53.104	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	104233	54.356	ug/L	96
71) Naphthalene	13.780	128	409492	56.488	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	106942	54.002	ug/L	98

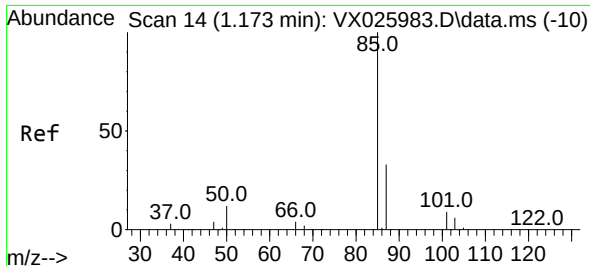
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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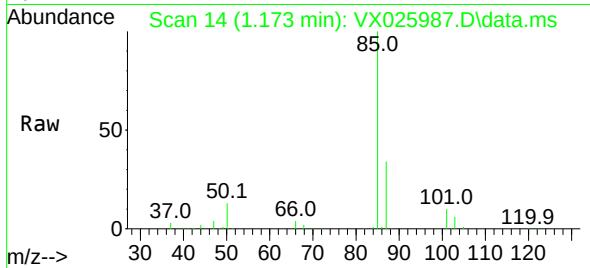
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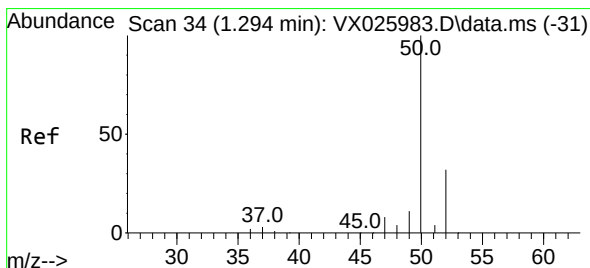
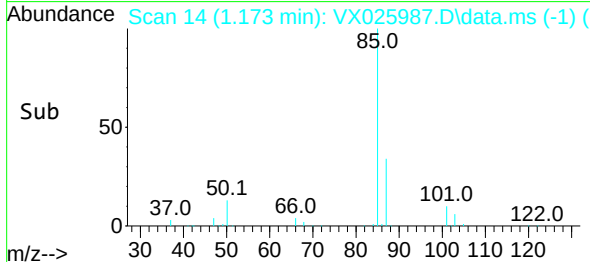
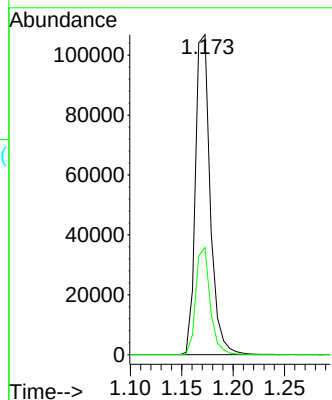


#2
Dichlorodifluoromethane
Concen: 52.056 ug/L
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Instrument :
MSVOA_X
ClientSampleId :

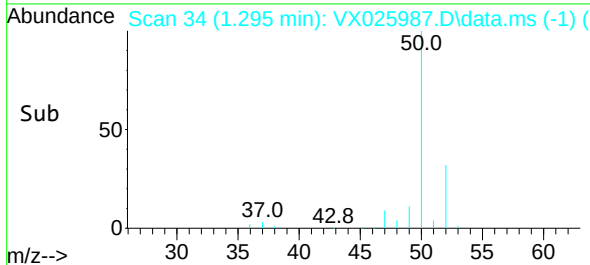
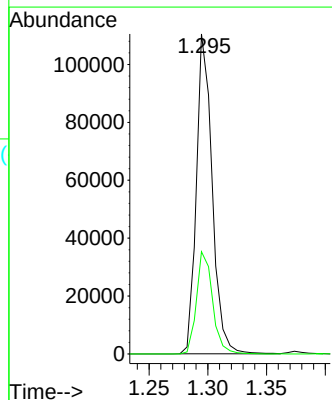
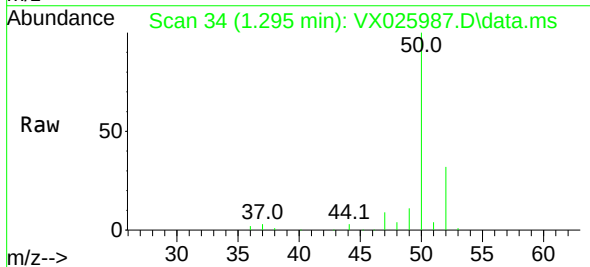


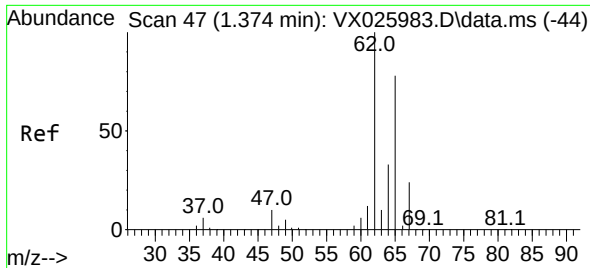
Tgt Ion: 85 Resp: 107848
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.6



#3
Chloromethane
Concen: 53.933 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Tgt Ion: 50 Resp: 103718
Ion Ratio Lower Upper
50 100
52 32.0 22.0 40.8

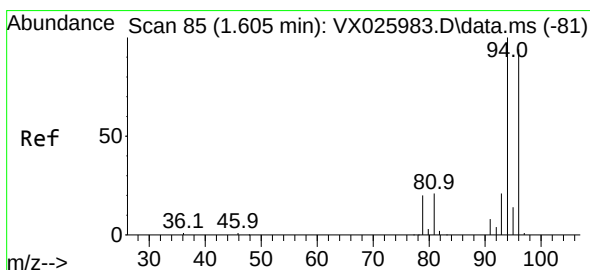
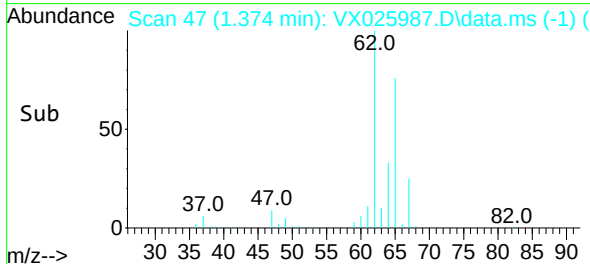
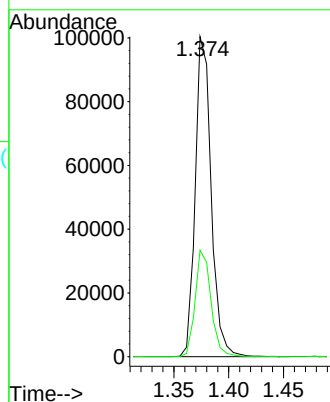
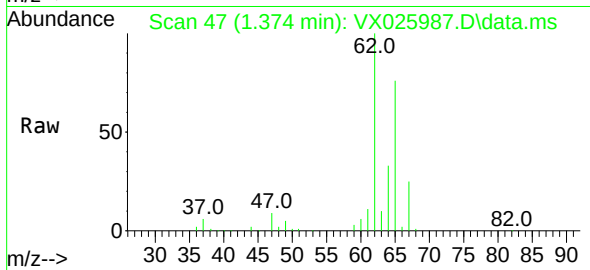




#5
 Vinyl chloride
 Concen: 53.284 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX025987.D
 Acq: 23 Dec 2021 22:09

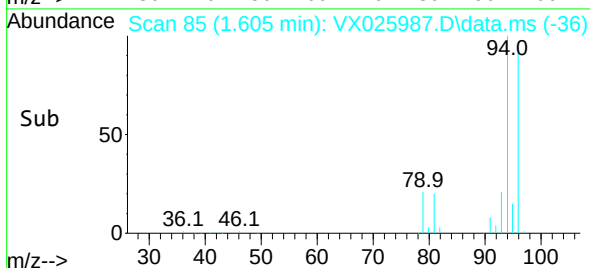
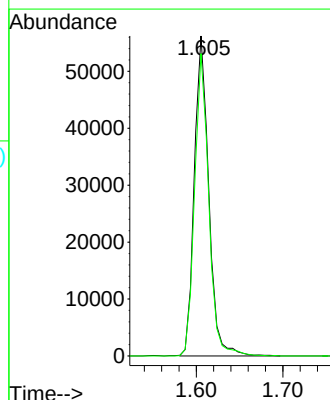
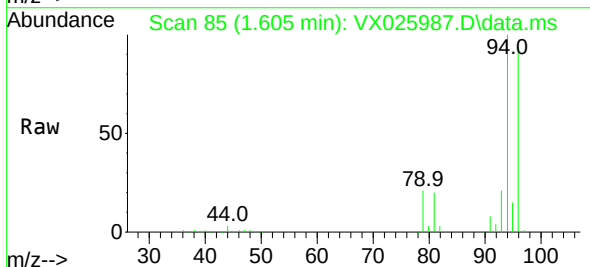
Instrument :
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 ClientSampleId :

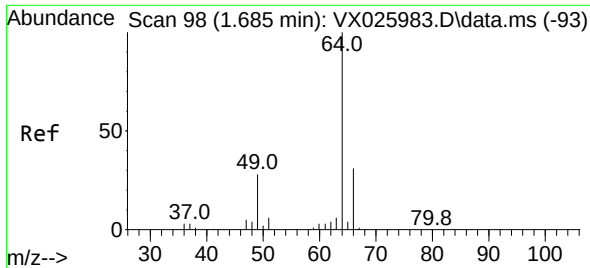
Tgt Ion: 62 Resp: 101703
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.9 42.5



#6
 Bromomethane
 Concen: 59.756 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX025987.D
 Acq: 23 Dec 2021 22:09

Tgt Ion: 94 Resp: 65129
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.7 123.9

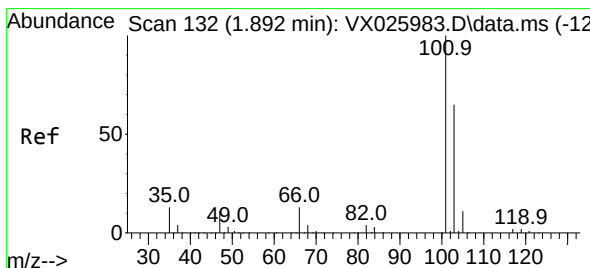
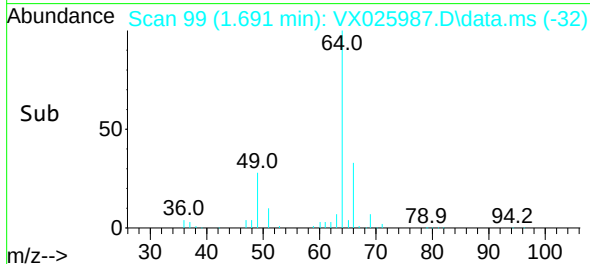
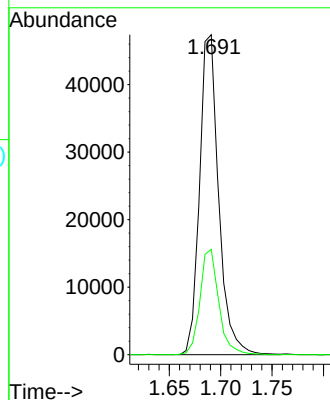
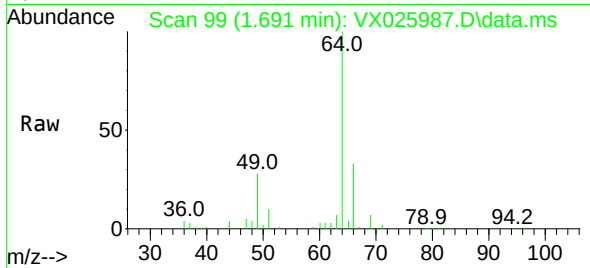




#8
Chloroethane
Concen: 53.329 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

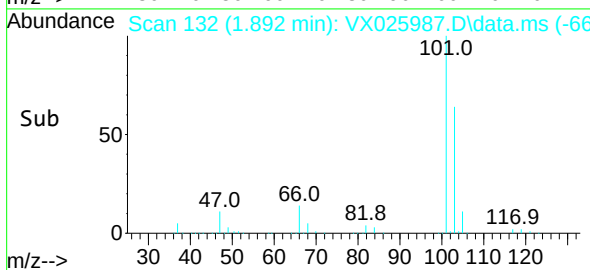
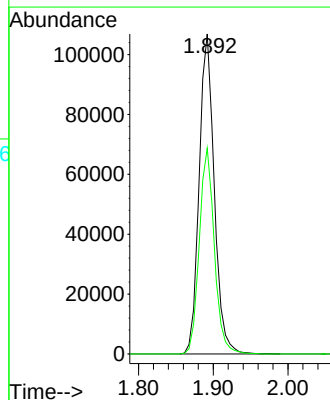
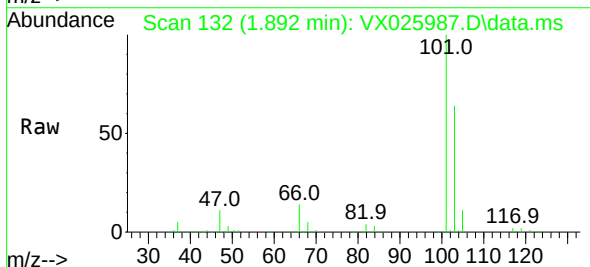
Instrument :
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ClientSampleId :

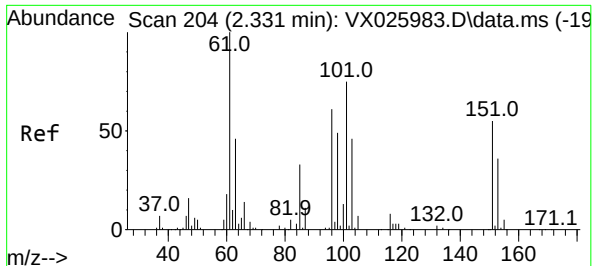
Tgt Ion: 64 Resp: 61460
Ion Ratio Lower Upper
64 100
66 32.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 51.903 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Tgt Ion:101 Resp: 149910
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.2





#10

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

Concen: 51.190 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

ClientSampleId :

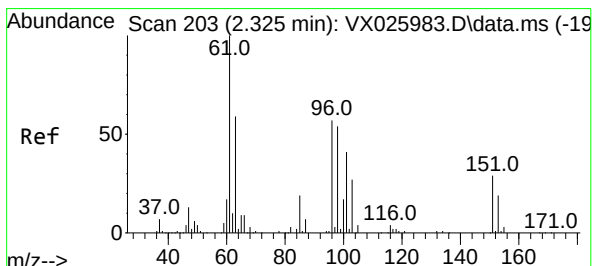
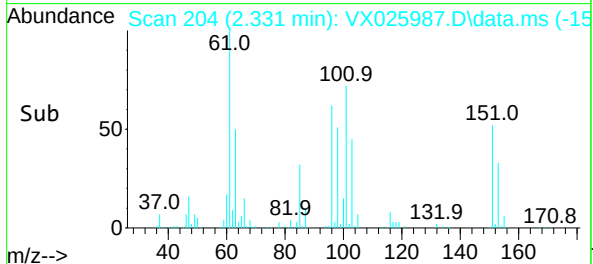
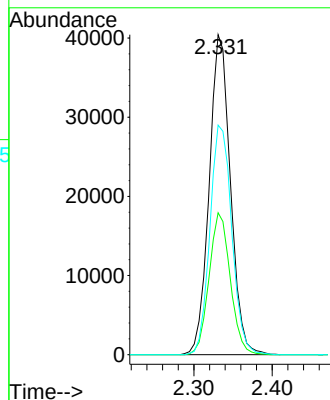
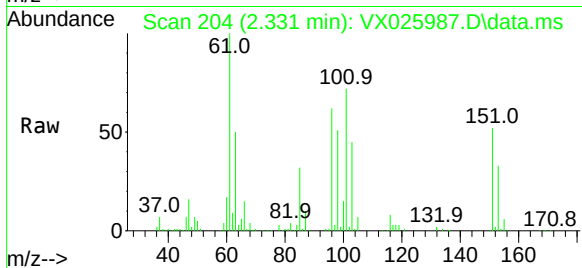
Tgt Ion:101 Resp: 76240

Ion Ratio Lower Upper

101 100

85 44.1 34.3 51.5

151 73.9 65.2 97.8



#12

1,1-Dichloroethene

Concen: 53.232 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

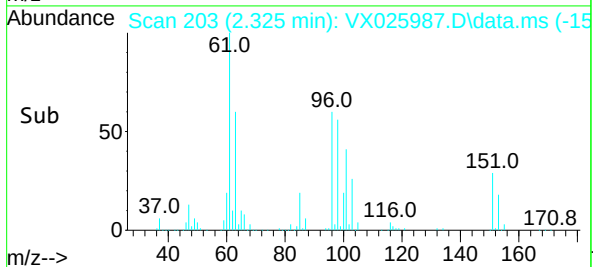
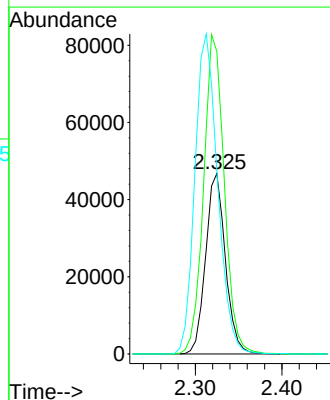
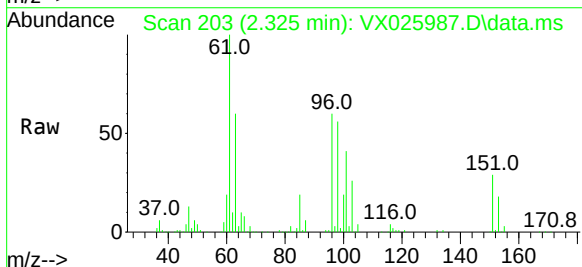
Tgt Ion: 96 Resp: 74152

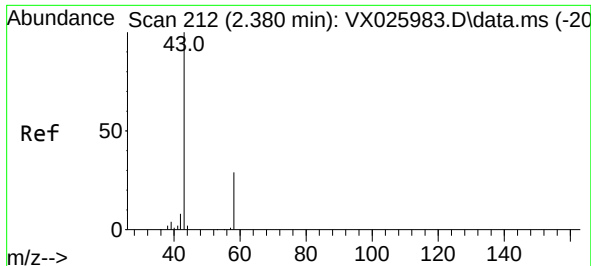
Ion Ratio Lower Upper

96 100

61 167.5 108.7 201.9

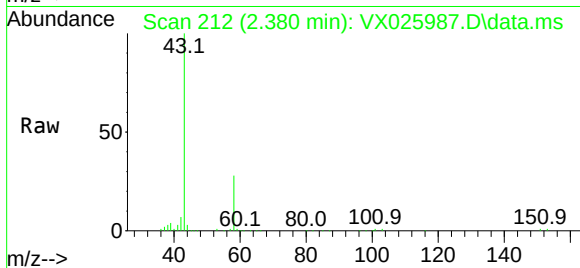
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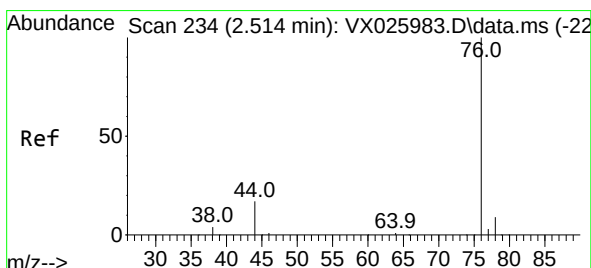
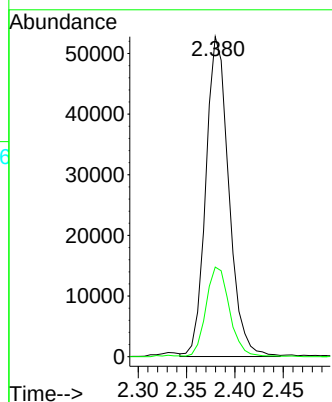
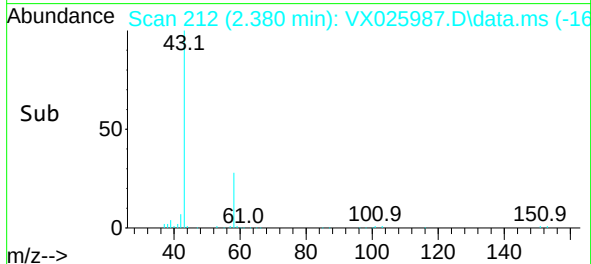


#13
Acetone
Concen: 125.230 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX025987.D
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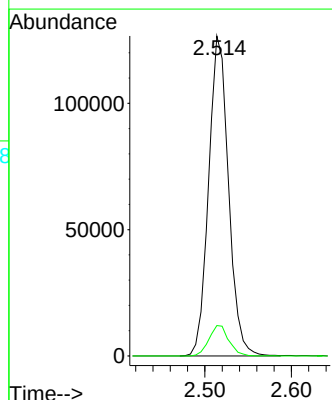
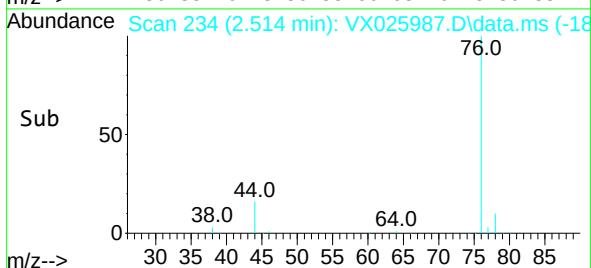
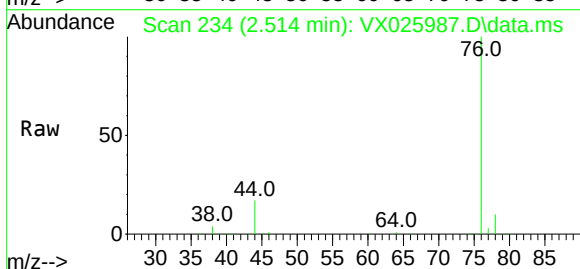


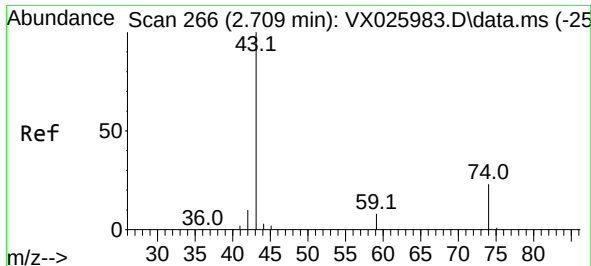
Tgt Ion: 43 Resp: 87253
Ion Ratio Lower Upper
43 100
58 28.7 0.0 65.6



#14
Carbon disulfide
Concen: 52.538 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 202130
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

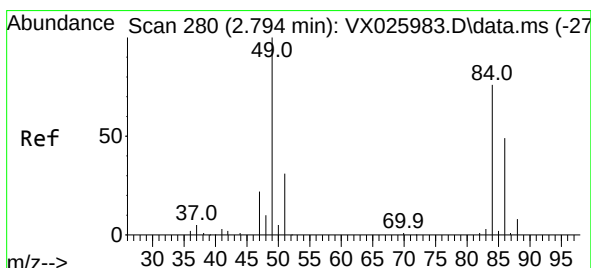
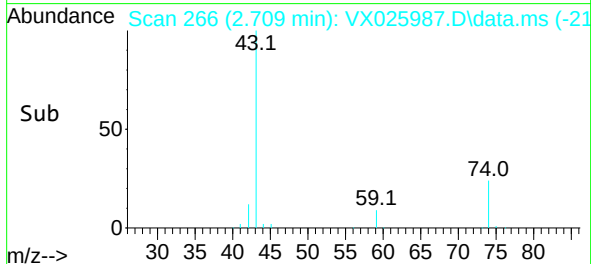
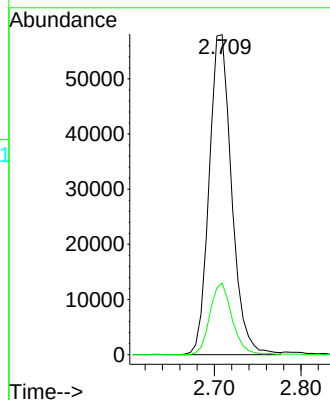
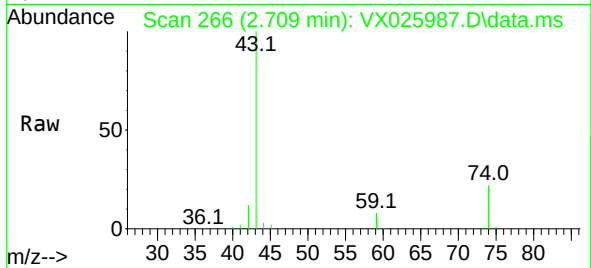




#15
Methyl Acetate
Concen: 54.627 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

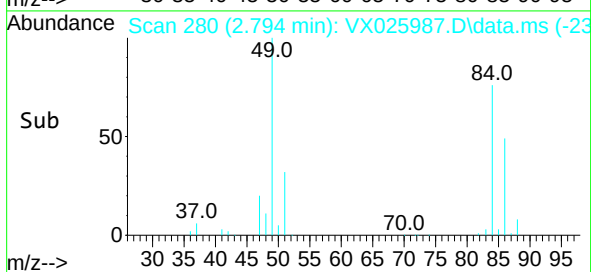
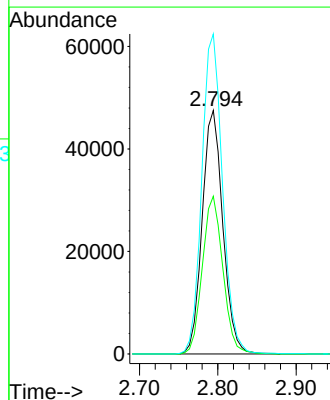
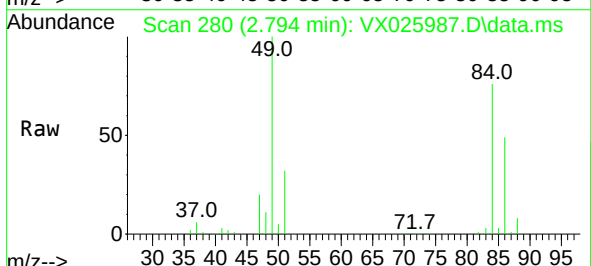
Instrument :
MSVOA_X
ClientSampleId :

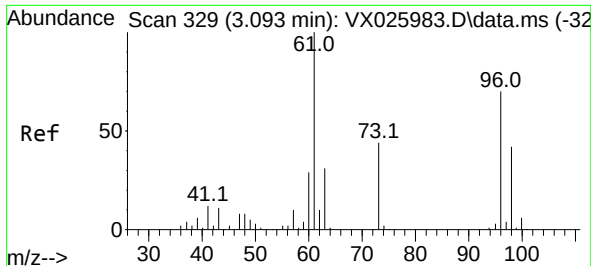
Tgt Ion: 43 Resp: 104895
Ion Ratio Lower Upper
43 100
74 21.9 0.1 0.1#



#16
Methylene chloride
Concen: 53.715 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Tgt Ion: 84 Resp: 86995
Ion Ratio Lower Upper
84 100
86 64.8 45.1 83.9
49 131.4 82.3 152.8





#17

trans-1,2-Dichloroethene

Concen: 53.707 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

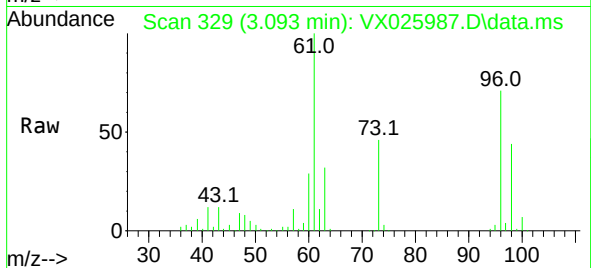
Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

ClientSampleId :



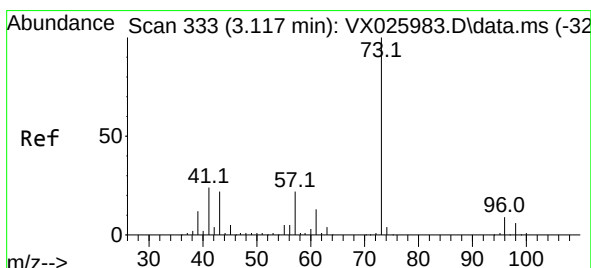
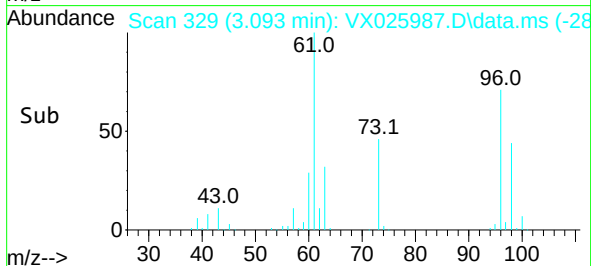
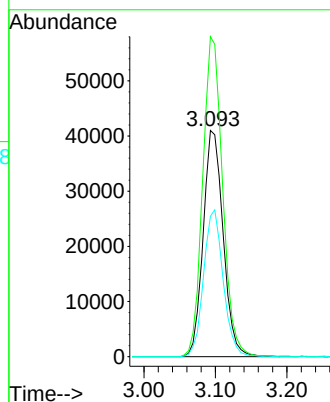
Tgt Ion: 96 Resp: 79666

Ion Ratio Lower Upper

96 100

61 141.4 88.5 164.4

98 62.1 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 55.928 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

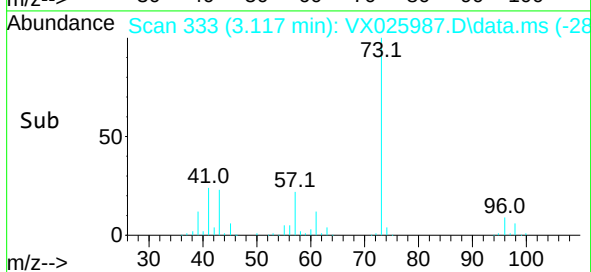
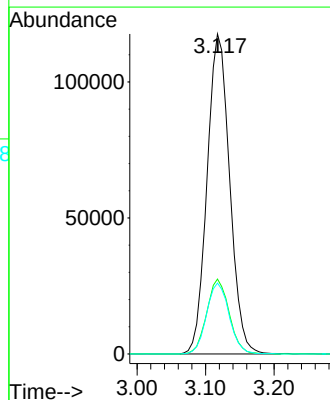
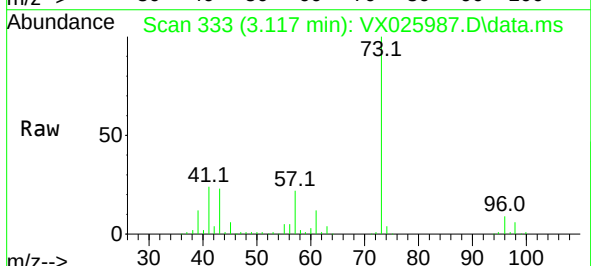
Tgt Ion: 73 Resp: 269505

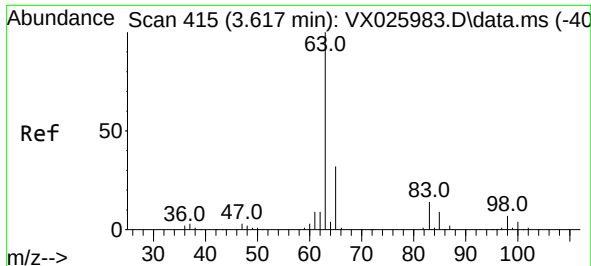
Ion Ratio Lower Upper

73 100

43 23.3 15.7 23.5

57 22.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 54.397 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

ClientSampleId :

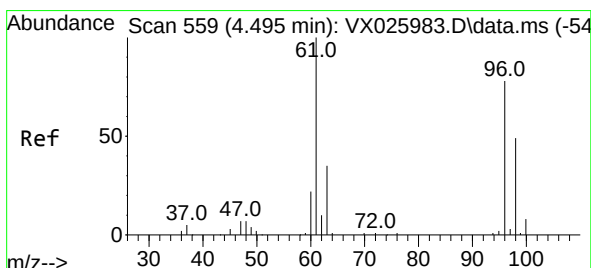
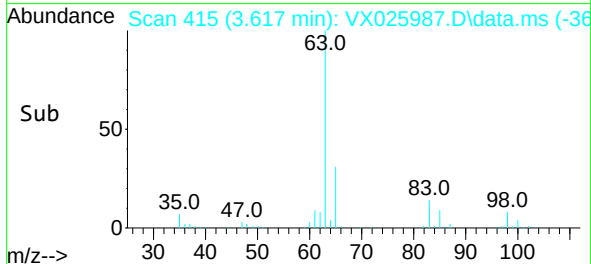
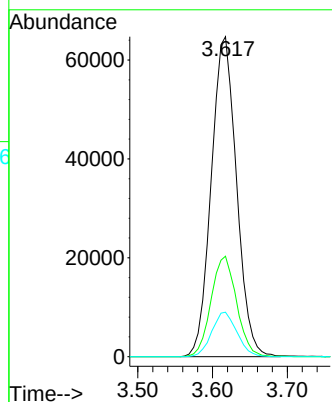
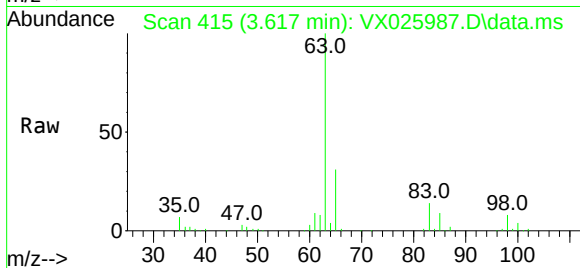
Tgt Ion: 63 Resp: 152177

Ion Ratio Lower Upper

63 100

65 31.4 22.2 41.2

83 13.9 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 54.353 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

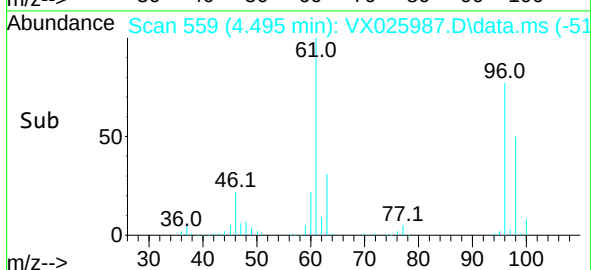
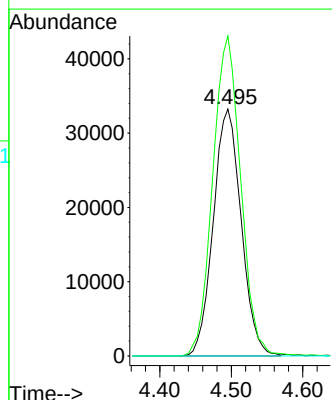
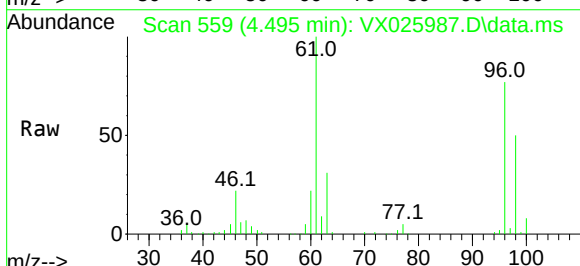
Tgt Ion: 96 Resp: 89980

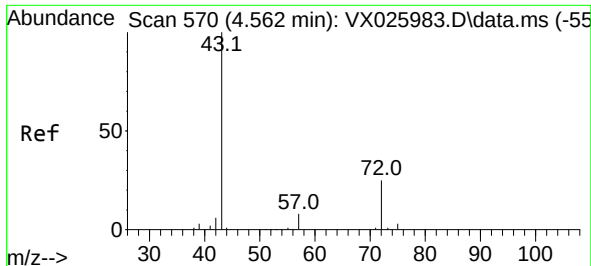
Ion Ratio Lower Upper

96 100

61 129.6 82.3 152.8

68 0.0 0.0 0.0

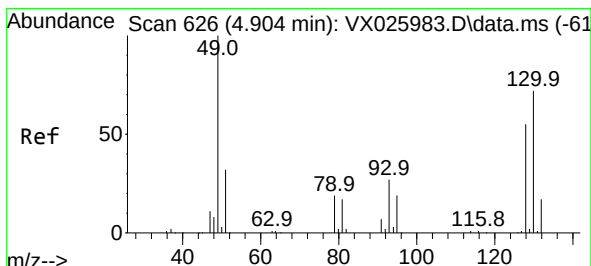
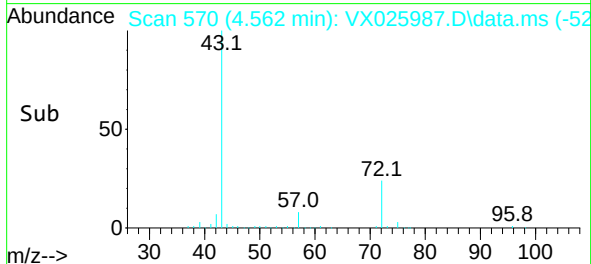
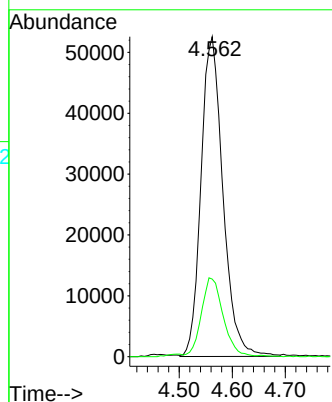
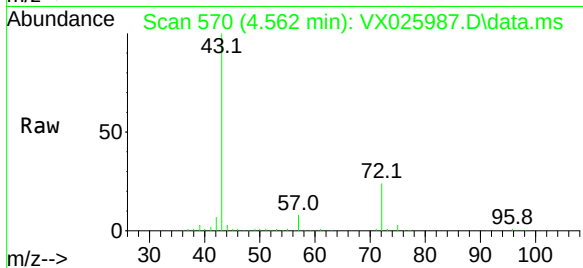




#22
2-Butanone
Concen: 116.508 ug/L
RT: 4.562 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

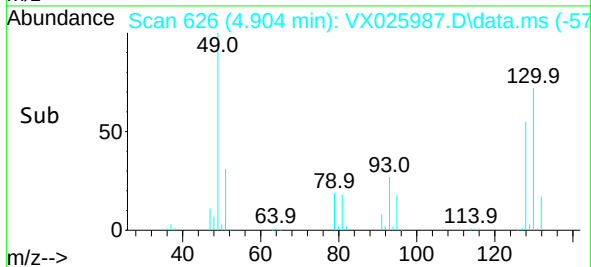
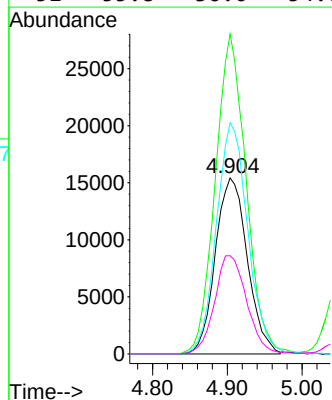
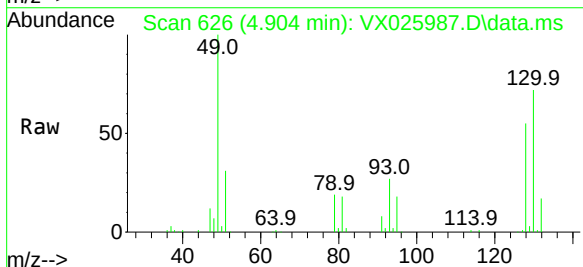
Instrument :
MSVOA_X
ClientSampleId :

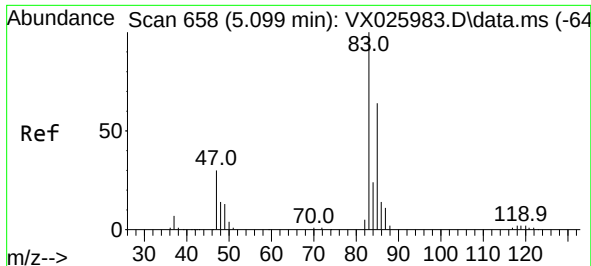
Tgt Ion: 43 Resp: 151143
Ion Ratio Lower Upper
43 100
72 24.4 13.8 41.3



#23
Bromochloromethane
Concen: 55.591 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Tgt Ion:128 Resp: 45911
Ion Ratio Lower Upper
128 100
49 181.7 97.7 181.5#
130 131.3 88.2 163.8
51 55.8 36.0 54.0#





#25

Chloroform

Concen: 54.973 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

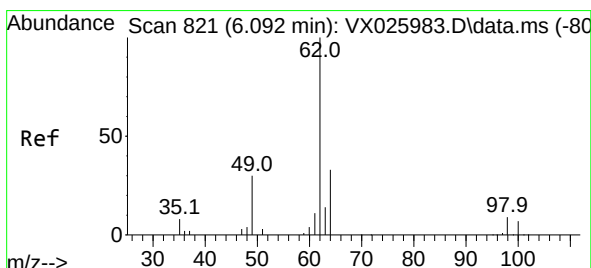
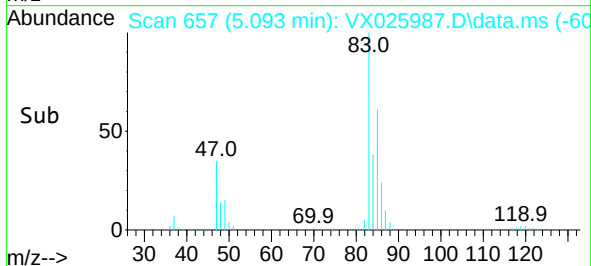
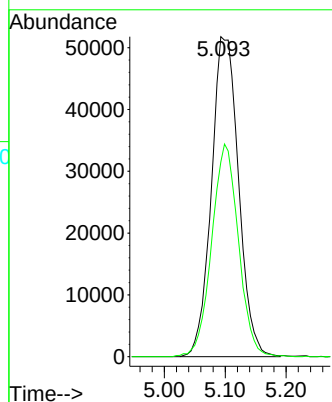
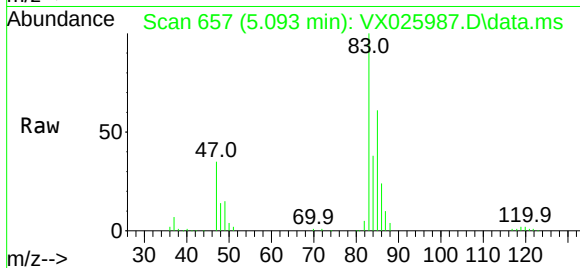
ClientSampleId :

Tgt Ion: 83 Resp: 160452

Ion Ratio Lower Upper

83 100

85 60.9 44.9 83.5



#27

1,2-Dichloroethane

Concen: 55.836 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX025987.D

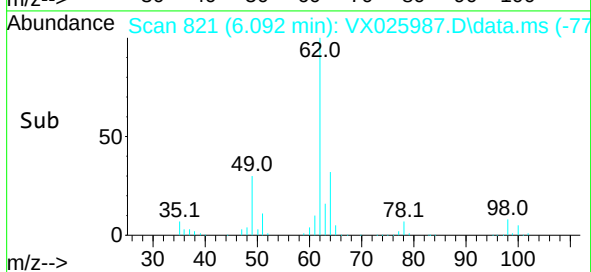
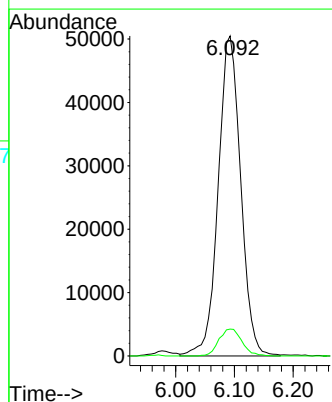
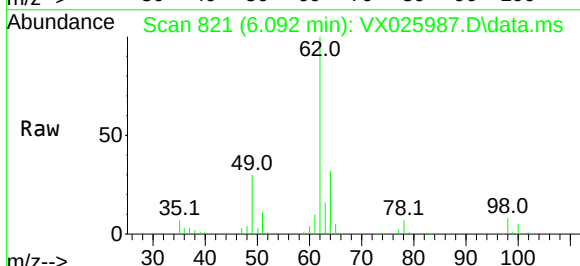
Acq: 23 Dec 2021 22:09

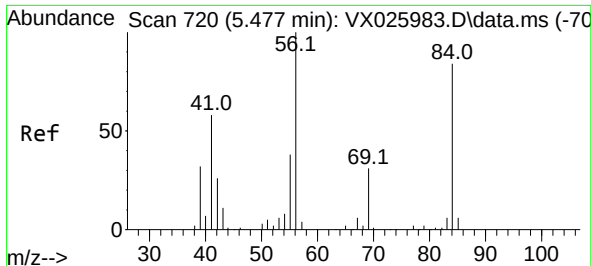
Tgt Ion: 62 Resp: 134430

Ion Ratio Lower Upper

62 100

98 8.4 8.2 12.2





#29

Cyclohexane

Concen: 50.811 ug/L

RT: 5.477 min Scan# 705

Delta R.T. 0.000 min

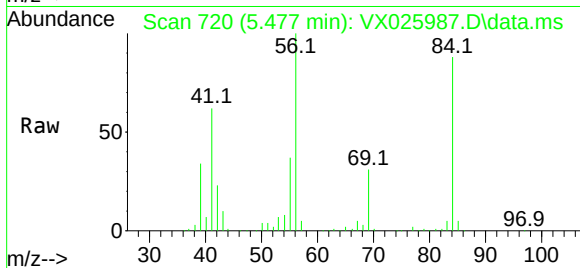
Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

ClientSampleId :



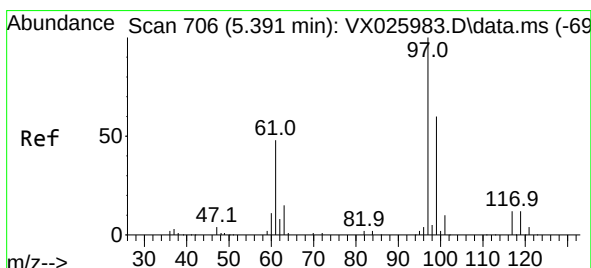
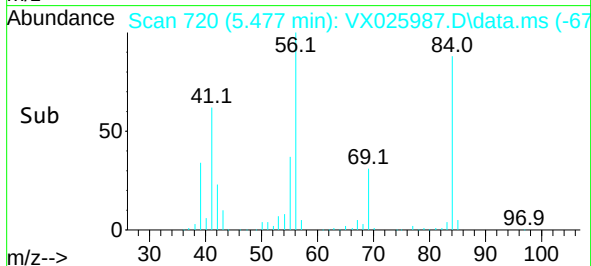
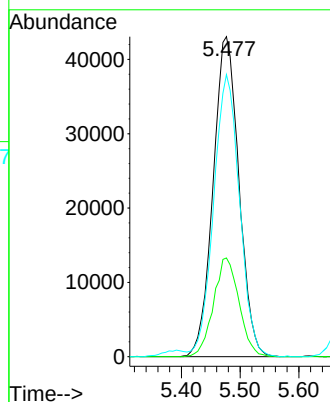
Tgt Ion: 56 Resp: 131537

Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.2

84 88.5 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 54.461 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

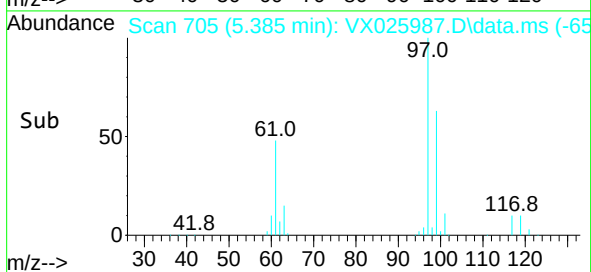
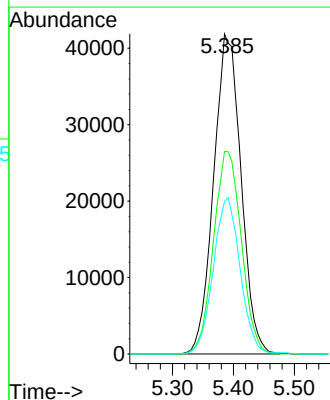
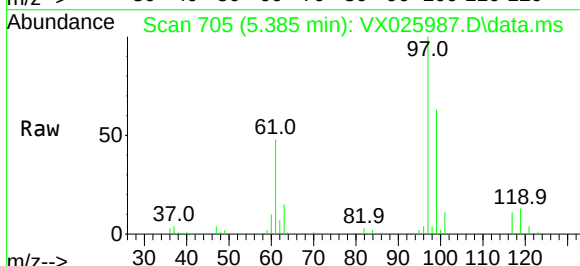
Tgt Ion: 97 Resp: 130702

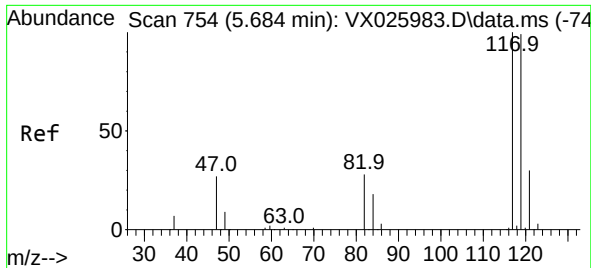
Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 47.9 33.1 49.7

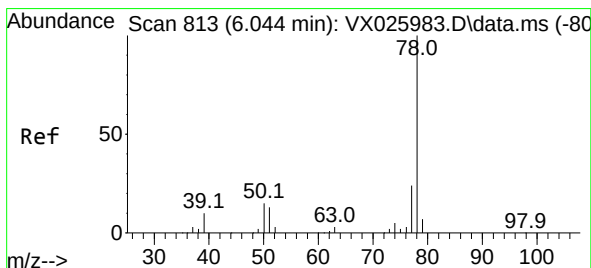
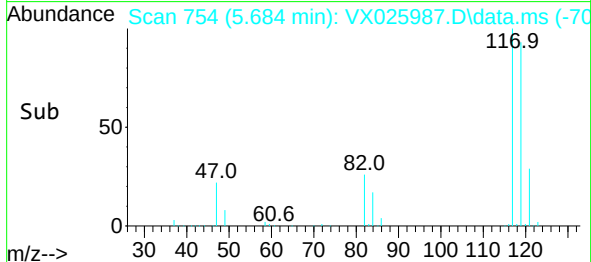
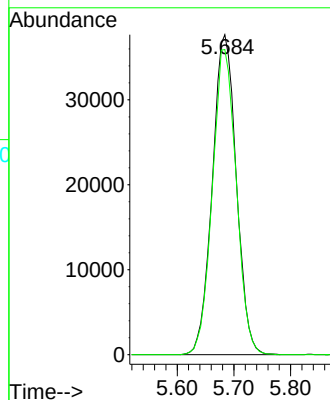
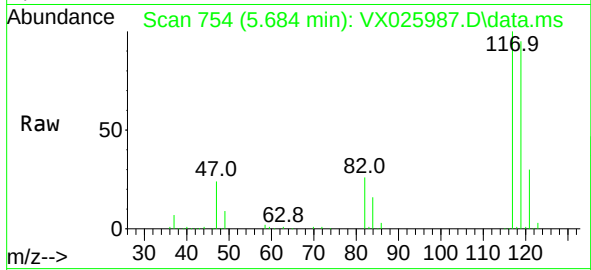




#31
Carbon tetrachloride
Concen: 53.169 ug/L
RT: 5.684 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

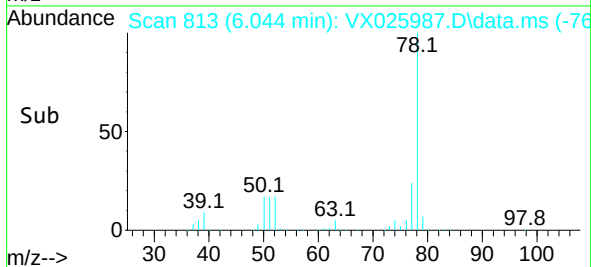
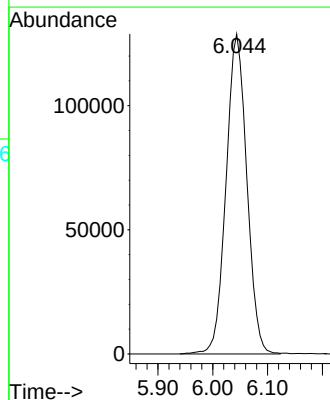
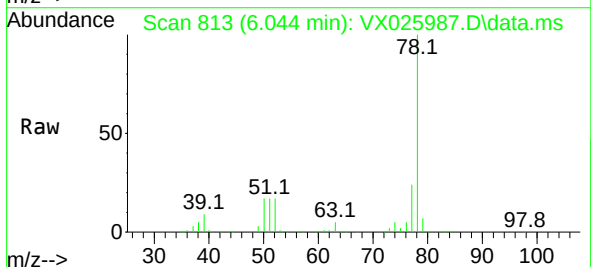
Instrument :
MSVOA_X
ClientSampleId :

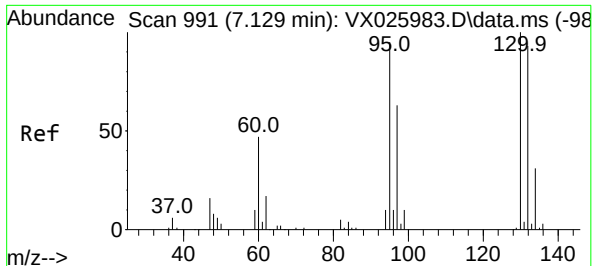
Tgt Ion:117 Resp: 110588
Ion Ratio Lower Upper
117 100
119 95.4 76.8 115.2



#33
Benzene
Concen: 54.235 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

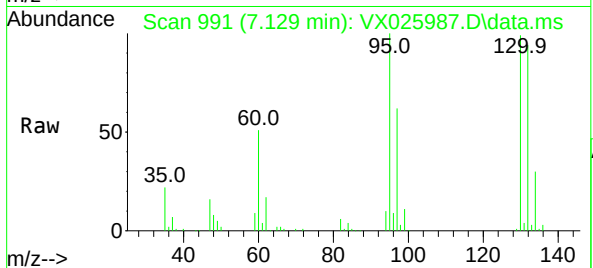
Tgt Ion: 78 Resp: 339434





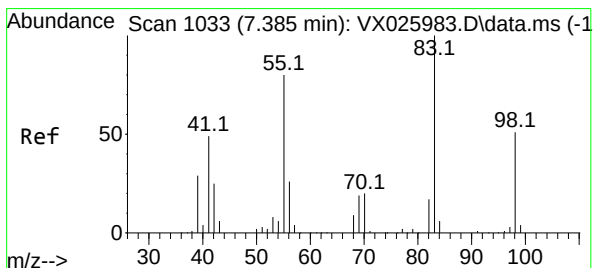
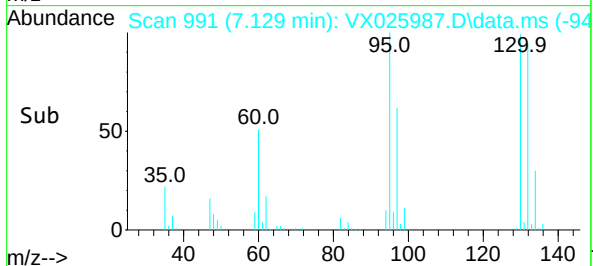
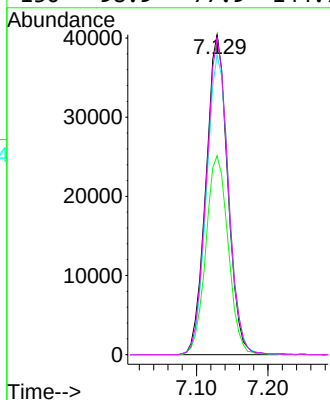
#34
Trichloroethene
Concen: 53.356 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 85419

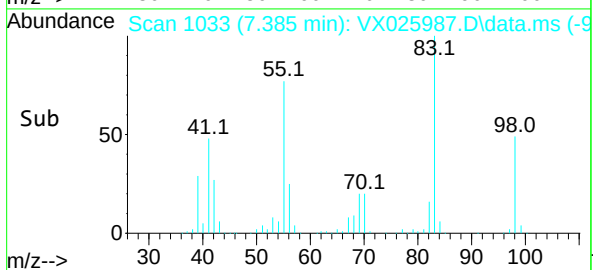
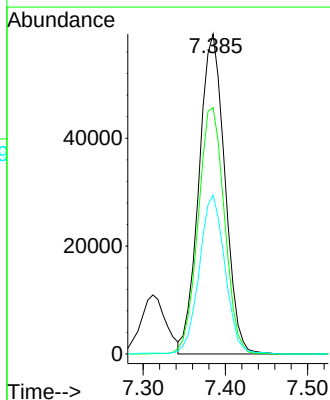
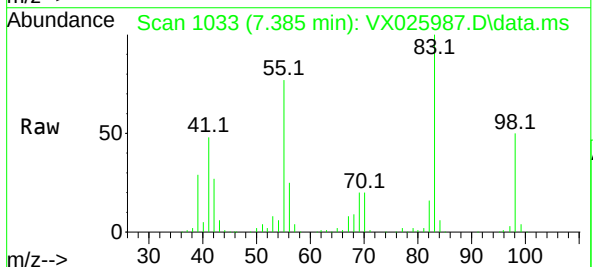
Ion	Ratio	Lower	Upper
95	100		
97	62.1	46.0	85.4
132	93.7	75.0	139.2
130	98.9	77.9	144.7

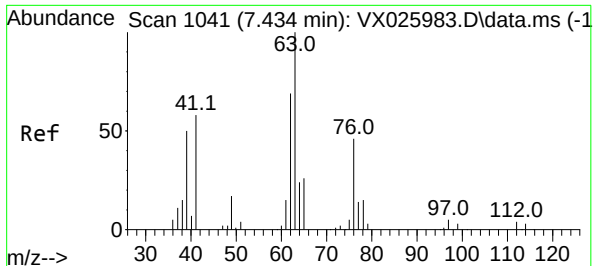


#35
Methylcyclohexane
Concen: 51.237 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Tgt Ion: 83 Resp: 129829

Ion	Ratio	Lower	Upper
83	100		
55	78.0	57.3	85.9
98	49.2	41.1	61.7





#37

1,2-Dichloropropane

Concen: 55.889 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

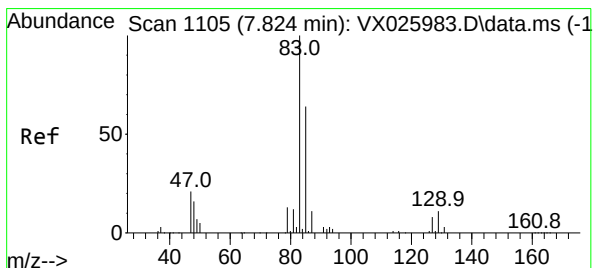
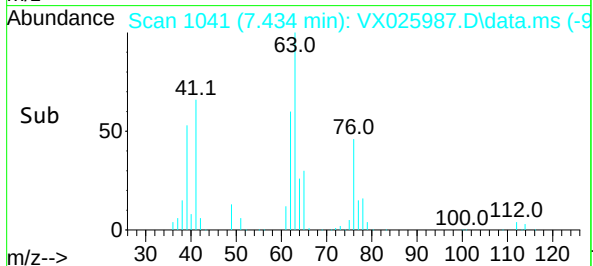
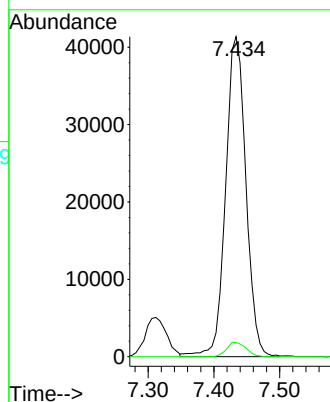
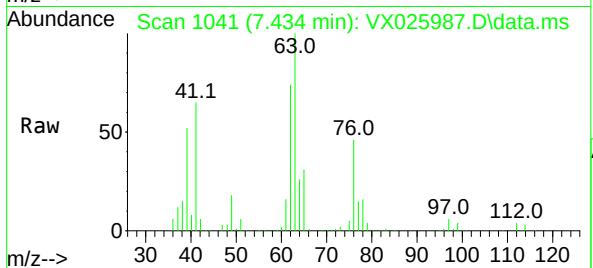
ClientSampleId :

Tgt Ion: 63 Resp: 88786

Ion Ratio Lower Upper

63 100

112 4.3 4.0 6.0



#38

Bromodichloromethane

Concen: 55.661 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

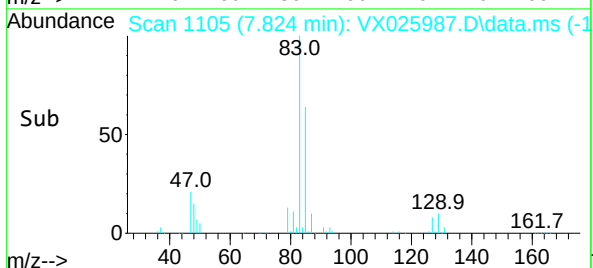
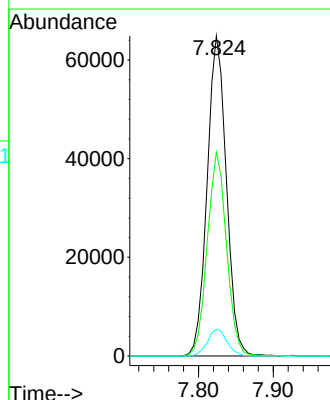
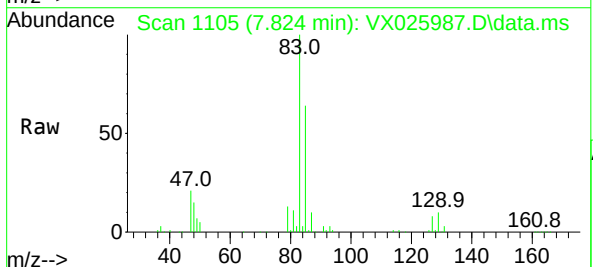
Tgt Ion: 83 Resp: 115883

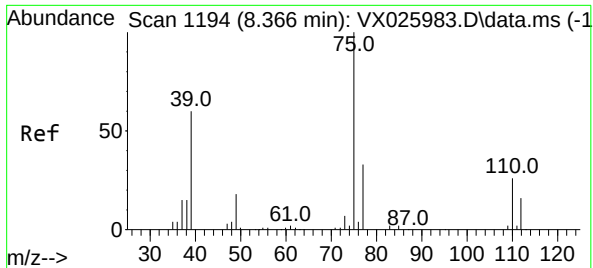
Ion Ratio Lower Upper

83 100

85 63.8 45.3 84.1

127 8.4 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 57.315 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

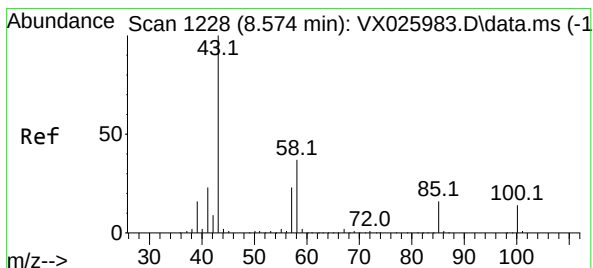
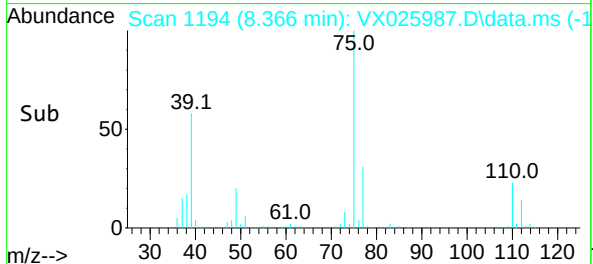
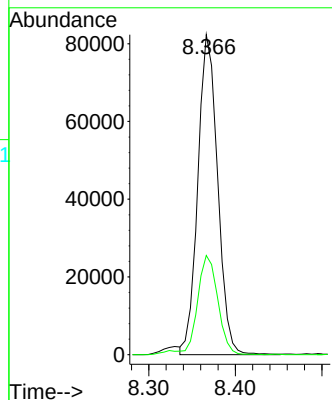
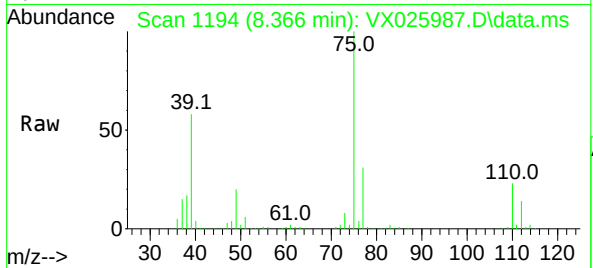
ClientSampleId :

Tgt Ion: 75 Resp: 130837

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 112.399 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

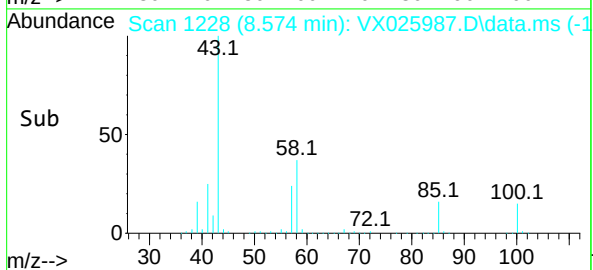
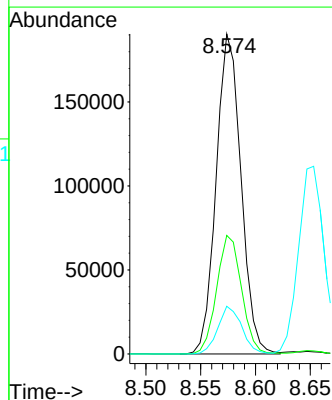
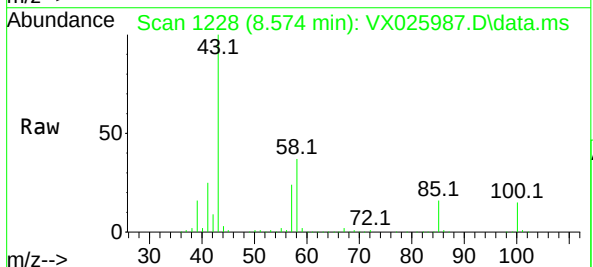
Tgt Ion: 43 Resp: 300192

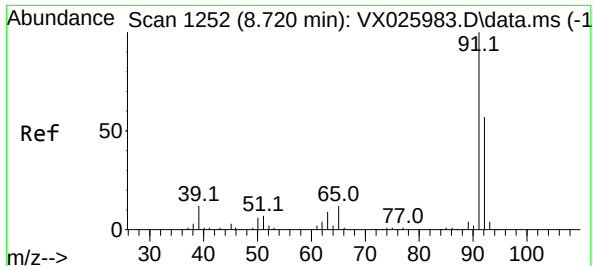
Ion Ratio Lower Upper

43 100

58 37.1 32.2 48.2

100 14.5 14.2 21.2





#42

Toluene

Concen: 53.404 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

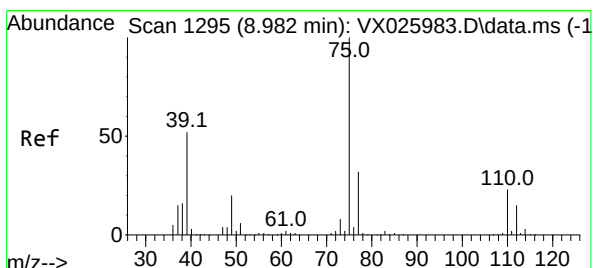
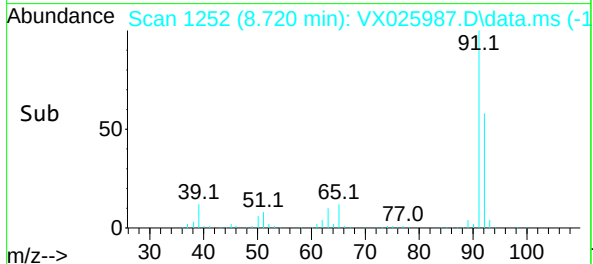
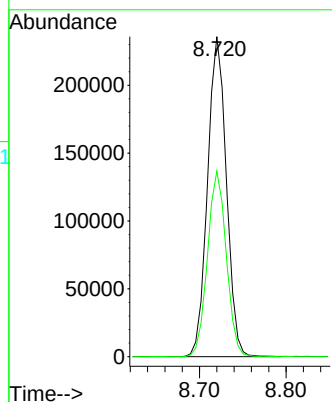
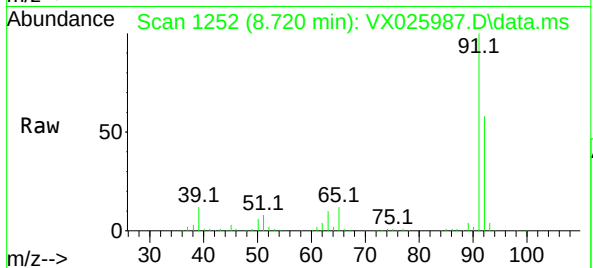
ClientSampleId :

Tgt Ion: 91 Resp: 355938

Ion Ratio Lower Upper

91 100

92 58.0 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 57.592 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX025987.D

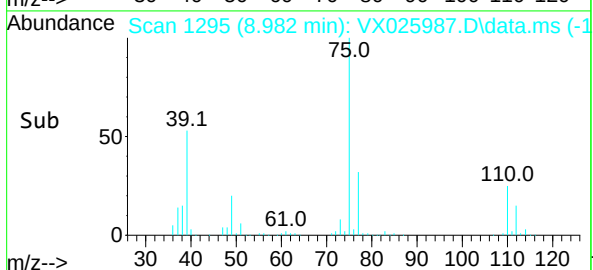
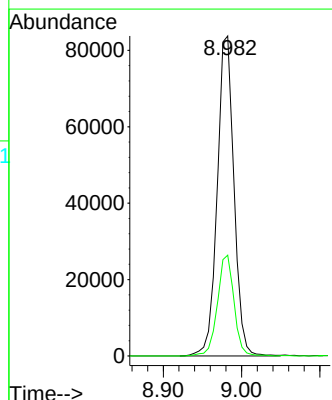
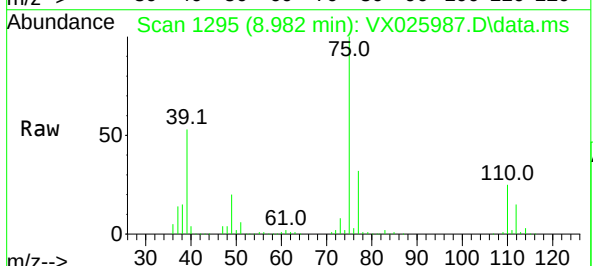
Acq: 23 Dec 2021 22:09

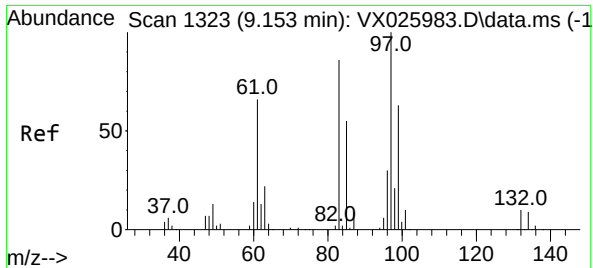
Tgt Ion: 75 Resp: 124763

Ion Ratio Lower Upper

75 100

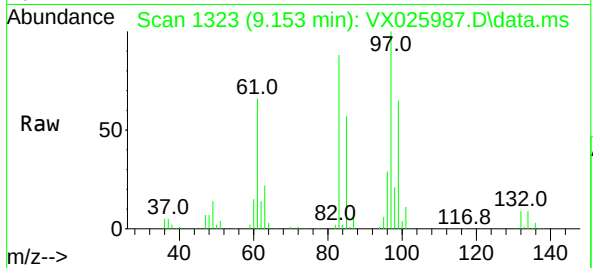
77 31.5 23.0 42.8



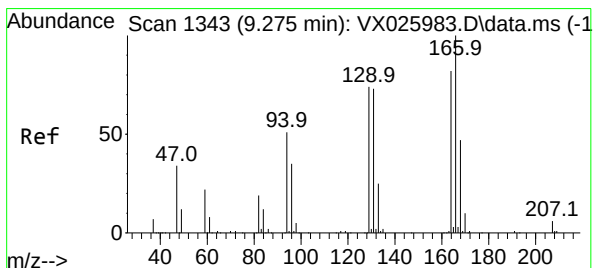
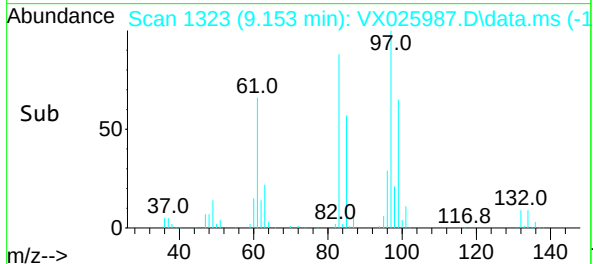
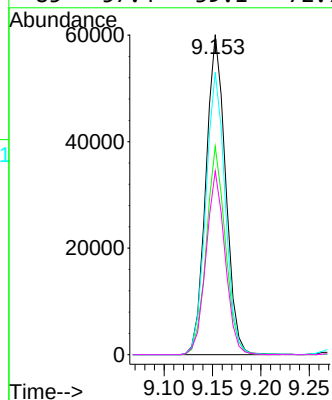


#45
1,1,2-Trichloroethane
Concen: 55.597 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Instrument :
MSVOA_X
ClientSampleId :

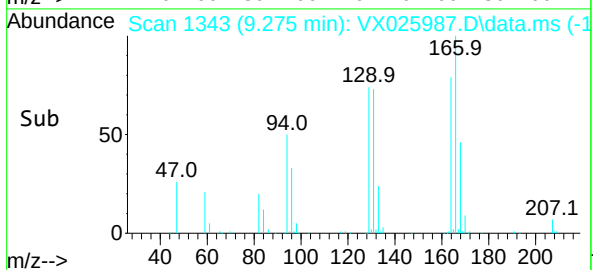
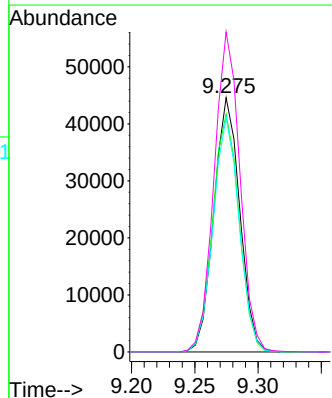
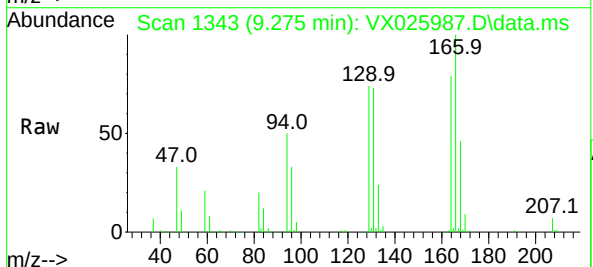


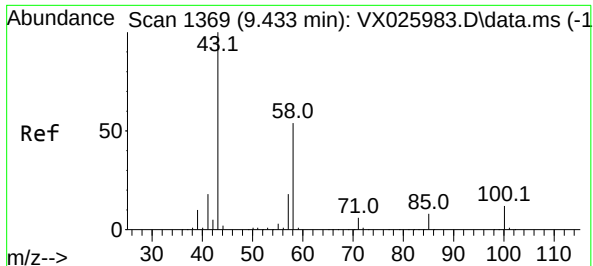
Tgt Ion: 97	Resp: 85310
Ion Ratio	Lower Upper
97 100	
99 65.1	46.0 85.4
83 88.2	59.6 110.8
85 57.4	39.1 72.7



#46
Tetrachloroethene
Concen: 52.036 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Tgt	Ion:164	Resp:	63553
Ion	Ratio	Lower	Upper
164	100		
129	93.4	64.7	120.1
131	92.2	63.2	117.4
166	125.8	90.1	167.3





#48

2-Hexanone

Concen: 115.988 ug/L

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

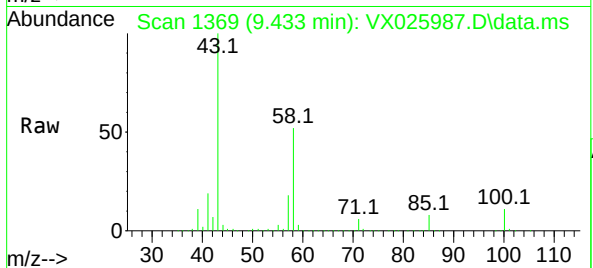
Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 235614

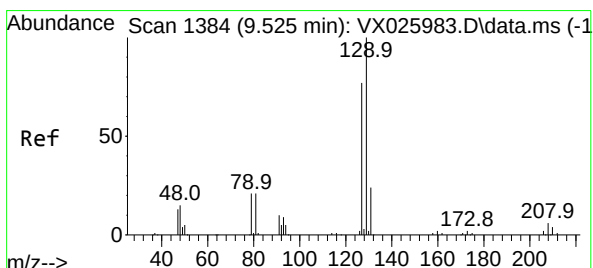
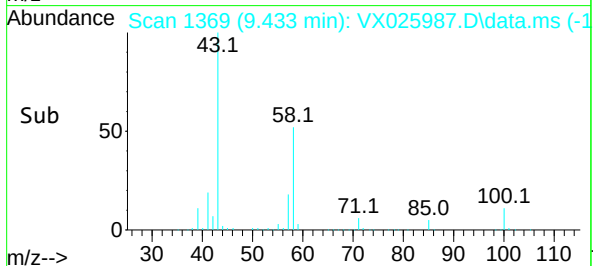
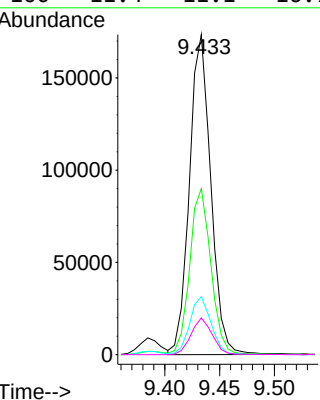
Ion Ratio Lower Upper

43 100

58 51.0 44.2 66.4

57 18.1 15.1 22.7

100 11.4 11.1 16.7



#49

Dibromochloromethane

Concen: 55.965 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX025987.D

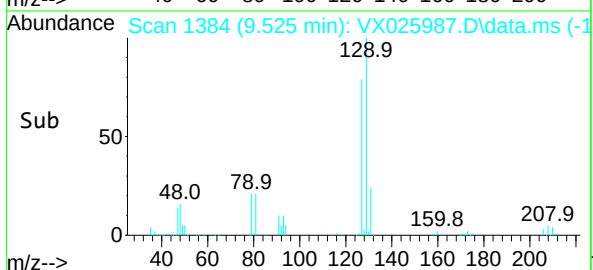
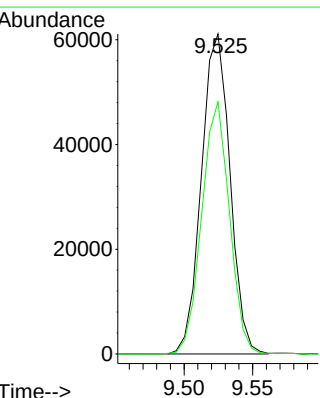
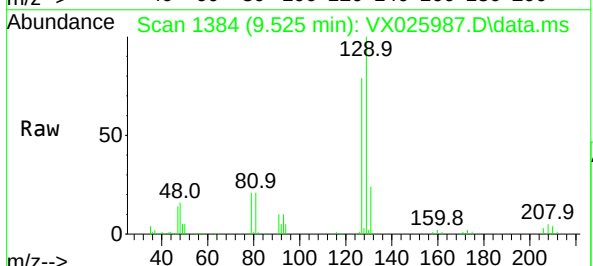
Acq: 23 Dec 2021 22:09

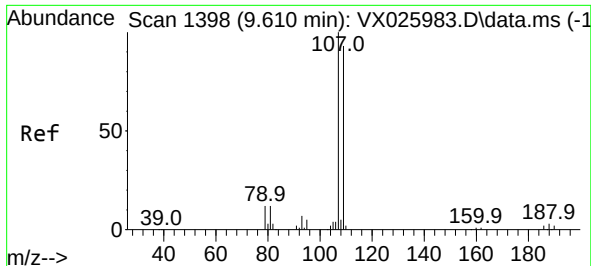
Tgt Ion:129 Resp: 88688

Ion Ratio Lower Upper

129 100

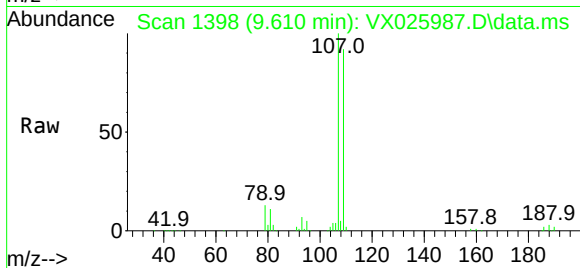
127 78.8 52.4 97.2



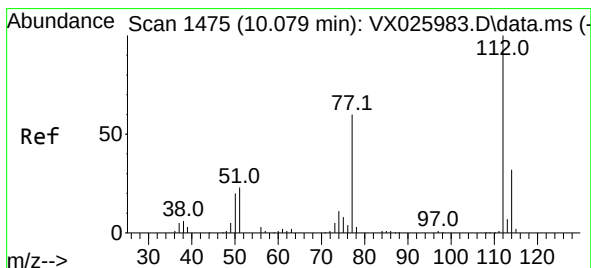
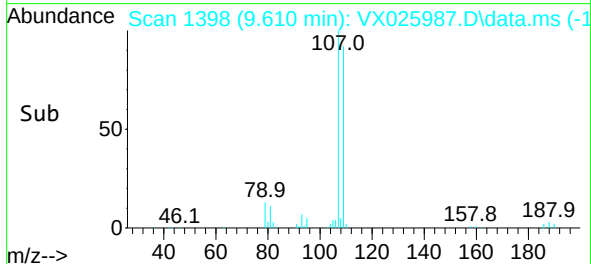
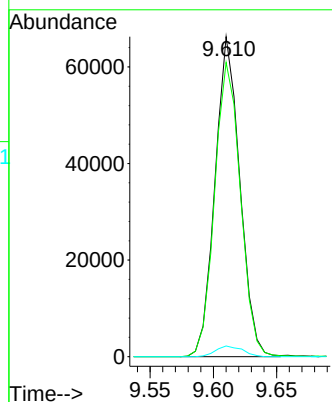


#50
1,2-Dibromoethane
Concen: 55.122 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Instrument :
MSVOA_X
ClientSampleId :

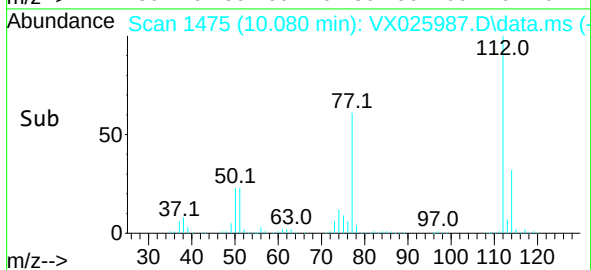
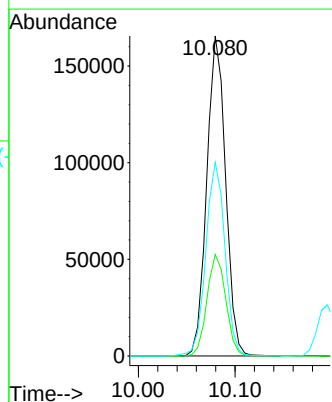
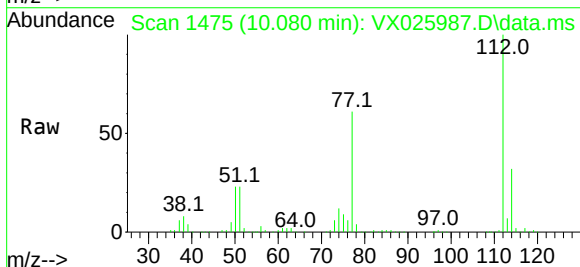


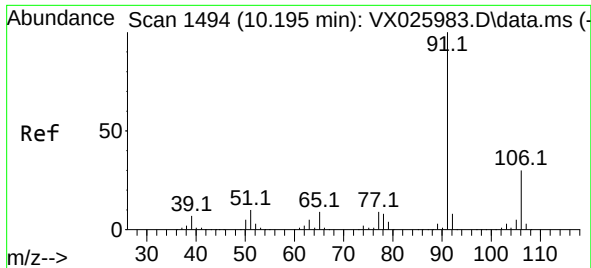
Tgt Ion:107 Resp: 90325
Ion Ratio Lower Upper
107 100
109 92.0 65.3 121.3
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 53.331 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Tgt Ion:112 Resp: 223743
Ion Ratio Lower Upper
112 100
114 31.7 22.5 41.9
77 60.6 44.5 66.7

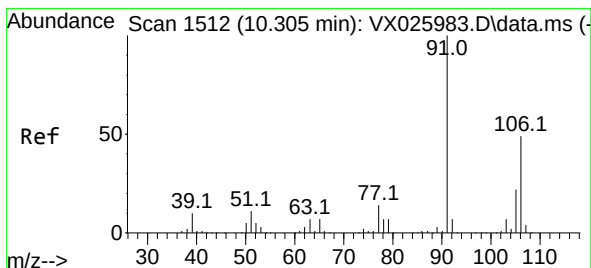
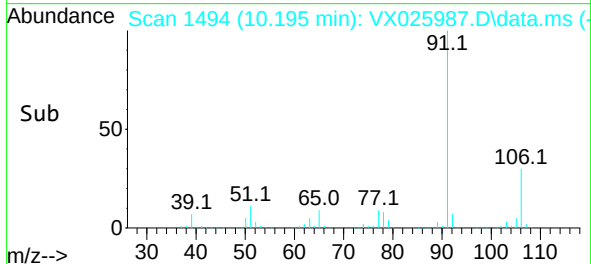
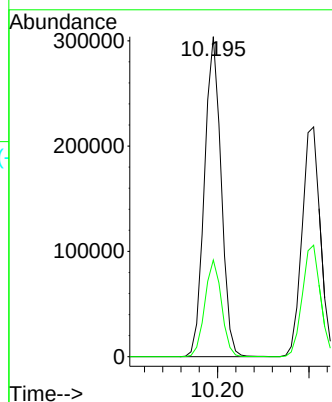
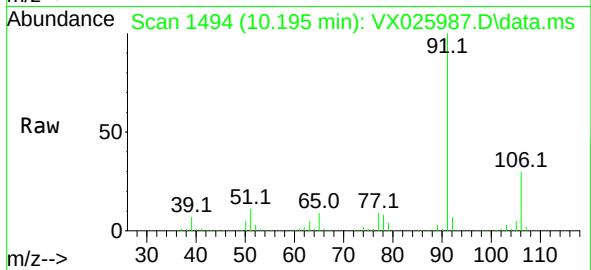




#52
Ethylbenzene
Concen: 53.254 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

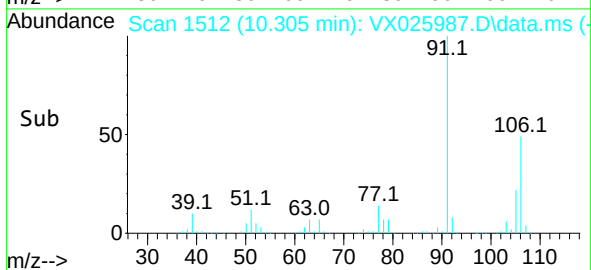
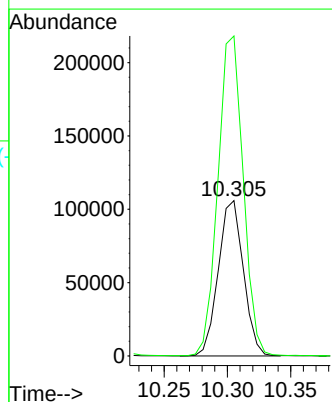
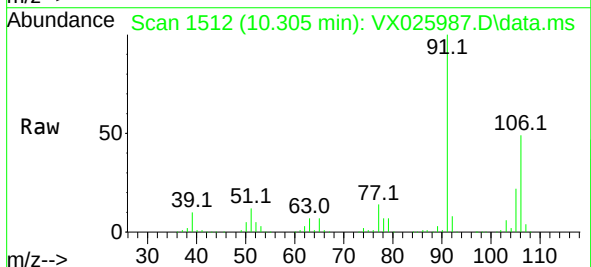
Instrument :
MSVOA_X
ClientSampleId :

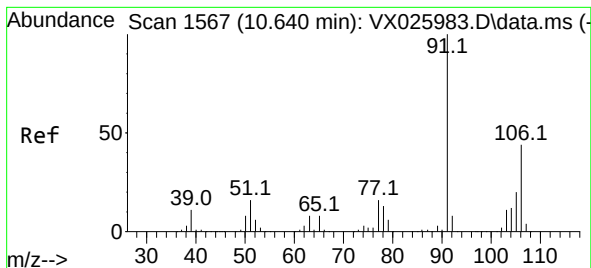
Tgt Ion: 91 Resp: 384955
Ion Ratio Lower Upper
91 100
106 30.2 23.1 42.9



#53
m,p-Xylene
Concen: 52.951 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Tgt Ion: 106 Resp: 146113
Ion Ratio Lower Upper
106 100
91 206.0 136.8 254.2





#54

o-Xylene

Concen: 52.997 ug/L

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

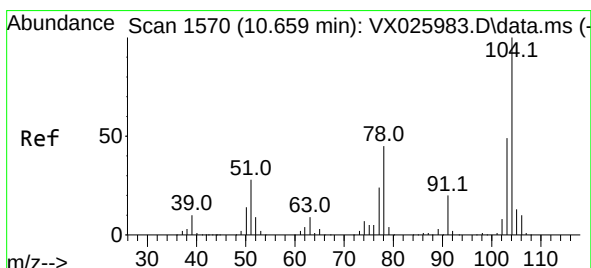
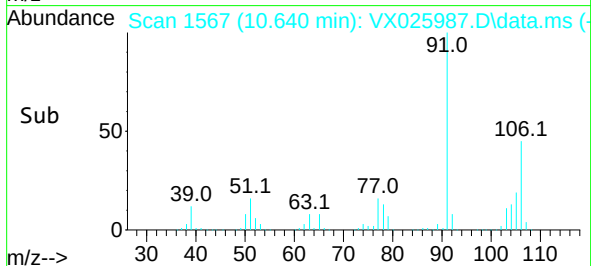
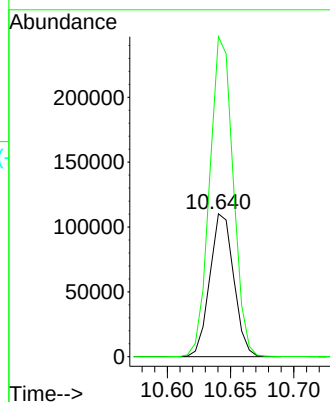
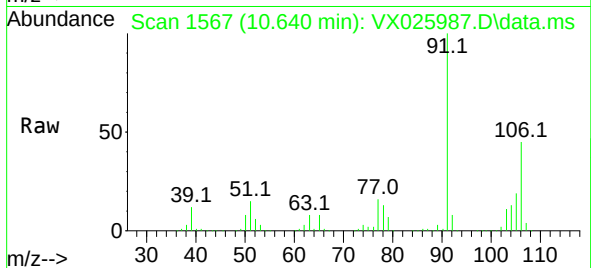
ClientSampleId :

Tgt Ion:106 Resp: 144854

Ion Ratio Lower Upper

106 100

91 224.1 140.5 260.9



#55

Styrene

Concen: 54.358 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX025987.D

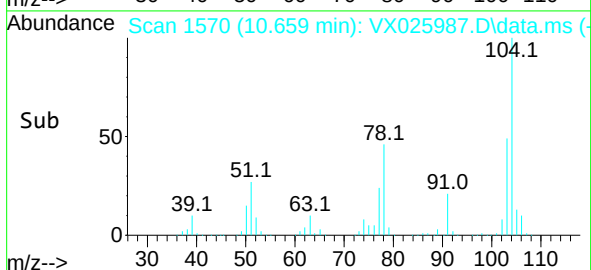
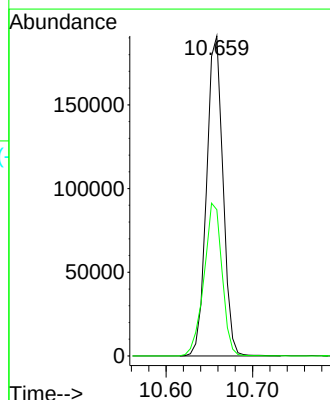
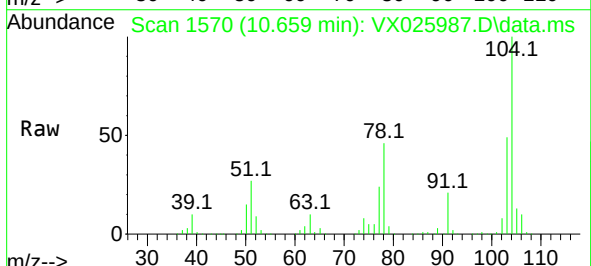
Acq: 23 Dec 2021 22:09

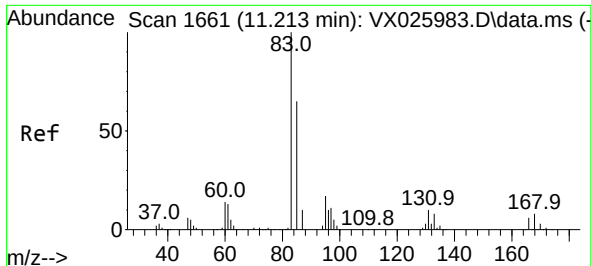
Tgt Ion:104 Resp: 250820

Ion Ratio Lower Upper

104 100

78 45.7 28.6 53.0





#57

1,1,2,2-Tetrachloroethane

Concen: 55.554 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

ClientSampleId :

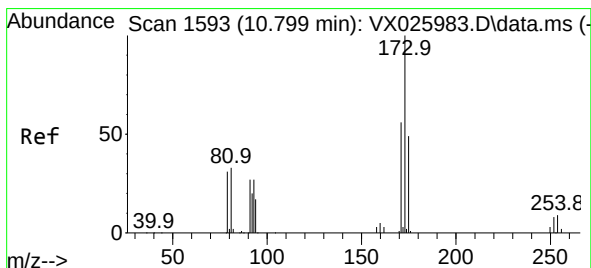
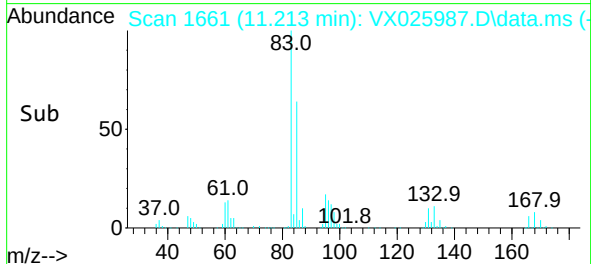
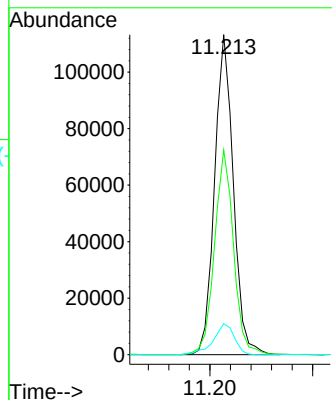
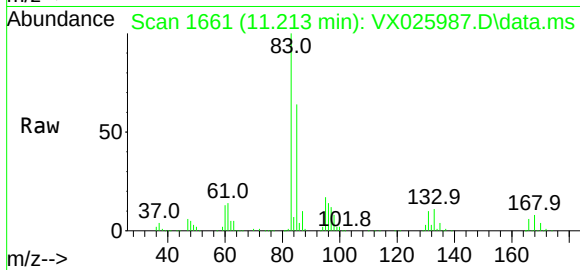
Tgt Ion: 83 Resp: 143247

Ion Ratio Lower Upper

83 100

85 63.9 47.0 87.2

131 9.7 8.5 12.7



#59

Bromoform

Concen: 55.358 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

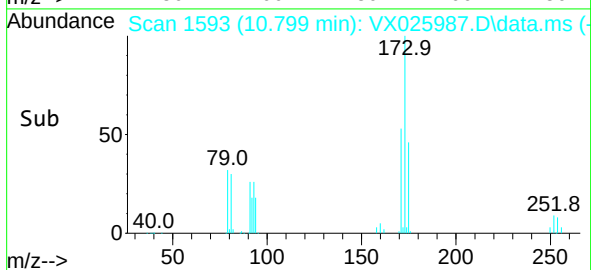
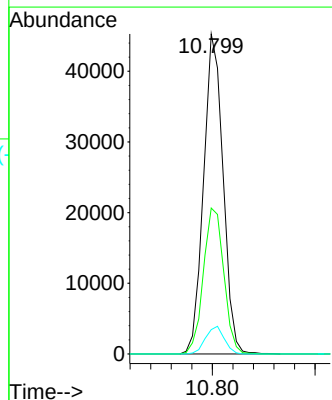
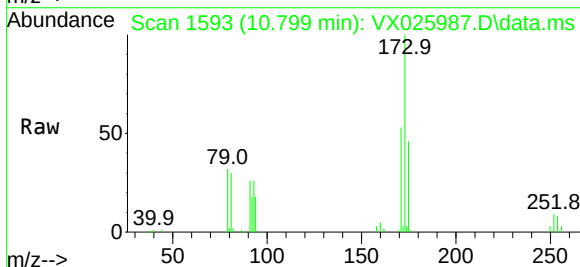
Tgt Ion:173 Resp: 59822

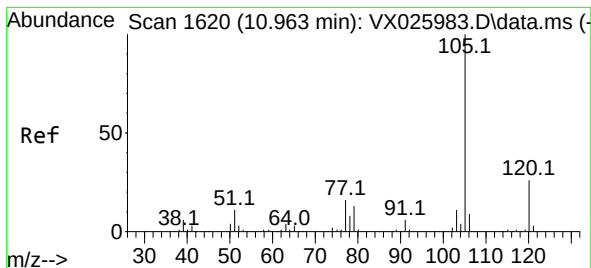
Ion Ratio Lower Upper

173 100

175 47.8 38.6 58.0

254 8.3 7.7 11.5





#60

Isopropylbenzene

Concen: 52.744 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

ClientSampleId :

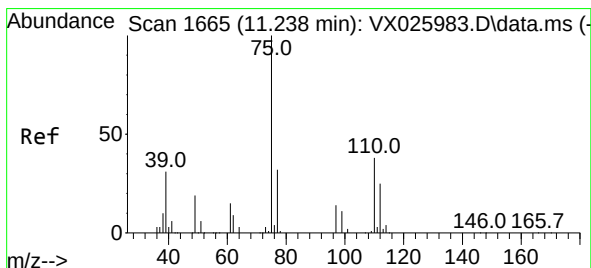
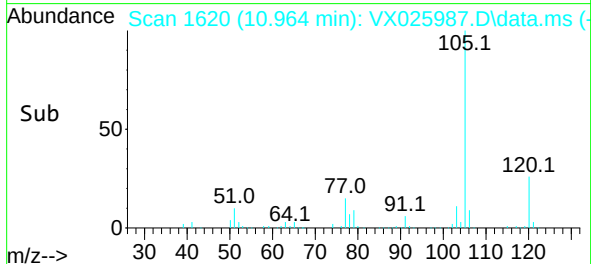
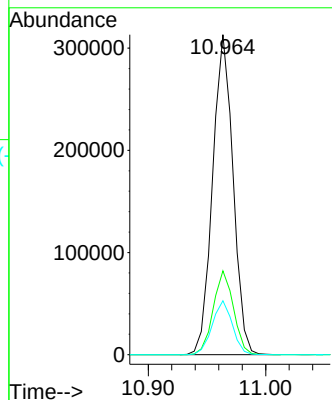
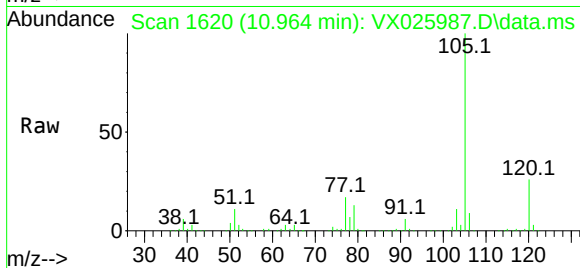
Tgt Ion:105 Resp: 379171

Ion Ratio Lower Upper

105 100

120 25.9 22.3 33.5

77 16.6 11.5 17.3



#61

1,2,3-Trichloropropane

Concen: 55.317 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

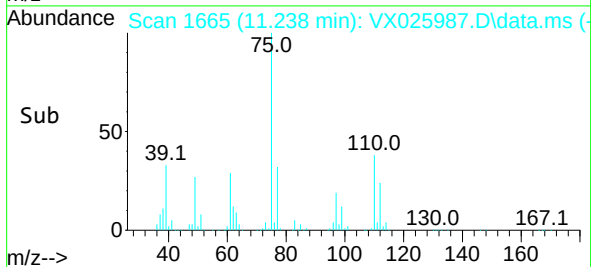
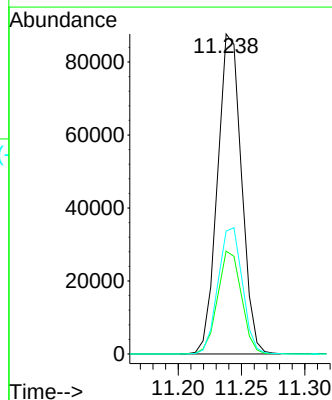
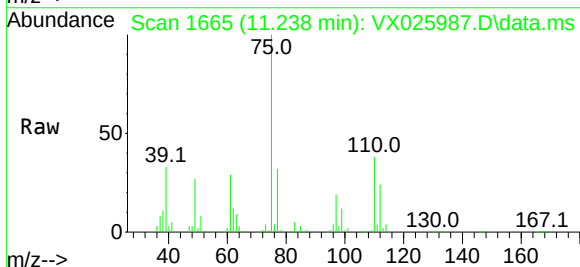
Tgt Ion: 75 Resp: 115649

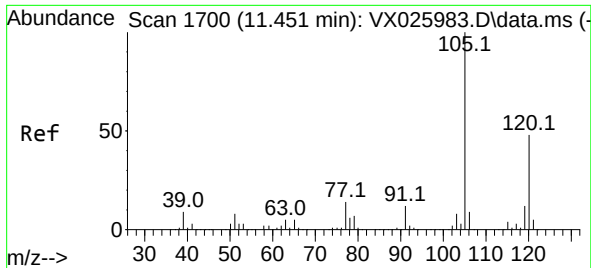
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

110 40.0 34.7 52.1

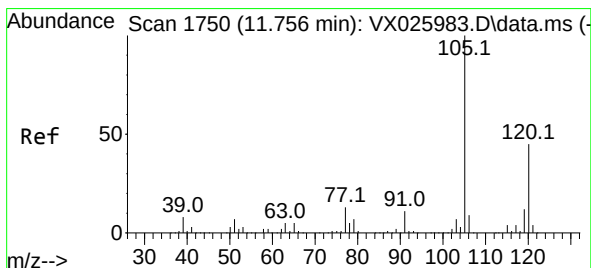
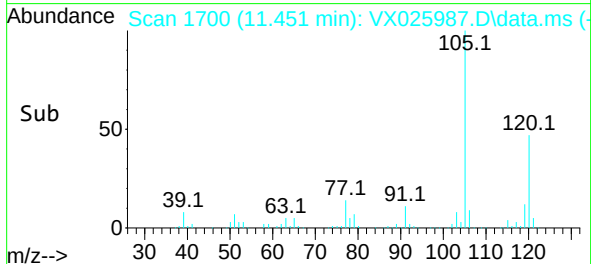
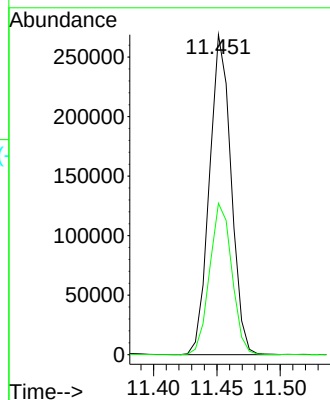
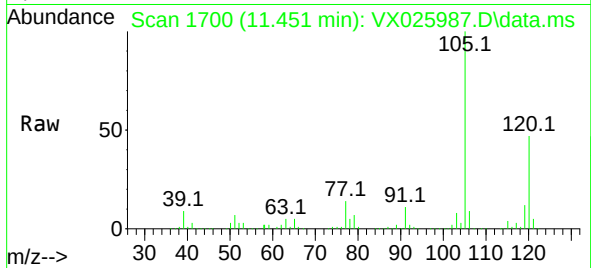




#62
1,3,5-Trimethylbenzene
Concen: 53.277 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

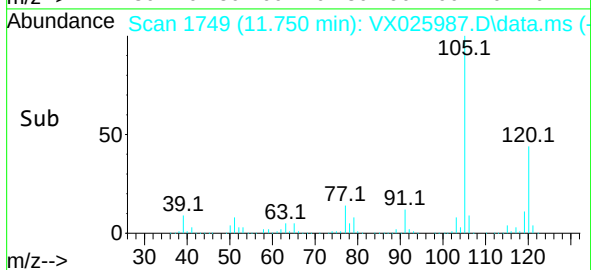
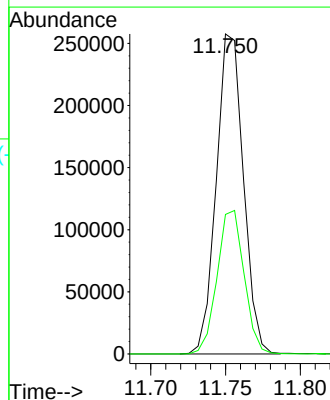
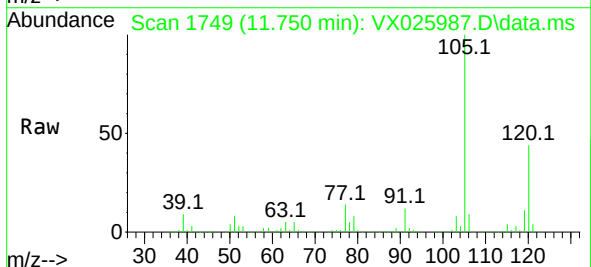
Instrument :
MSVOA_X
ClientSampleId :

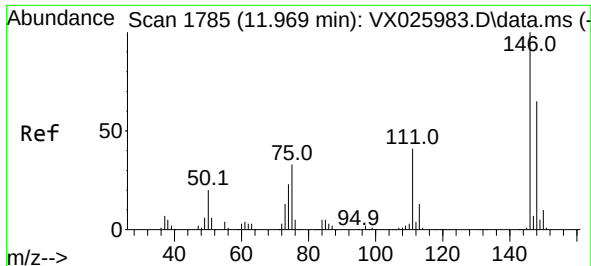
Tgt Ion:105 Resp: 320677
Ion Ratio Lower Upper
105 100
120 48.4 41.0 61.4



#63
1,2,4-Trimethylbenzene
Concen: 53.878 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

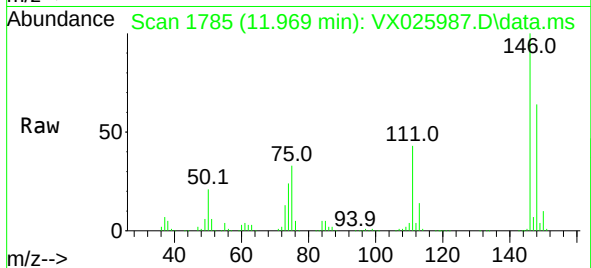
Tgt Ion:105 Resp: 324879
Ion Ratio Lower Upper
105 100
120 44.7 0.1 0.1#



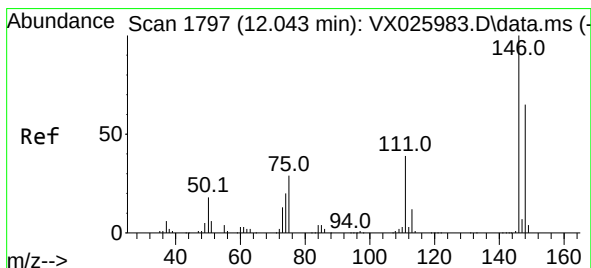
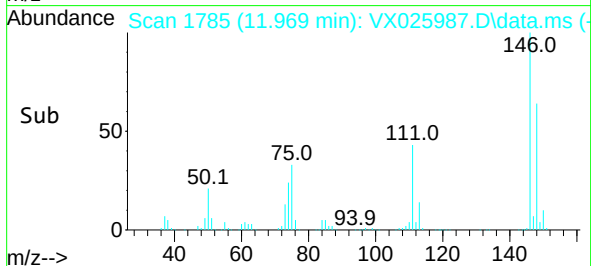
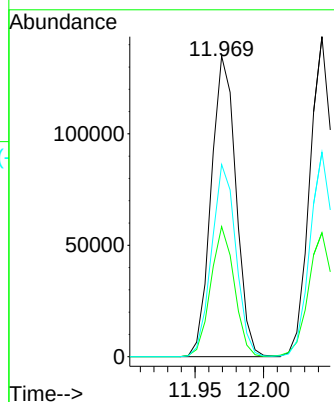


#64
1,3-Dichlorobenzene
Concen: 52.910 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Instrument :
MSVOA_X
ClientSampleId :

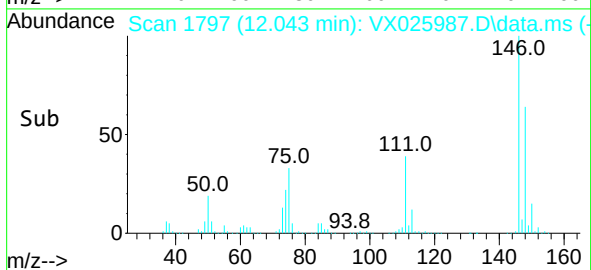
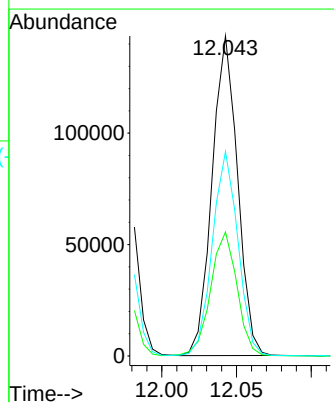
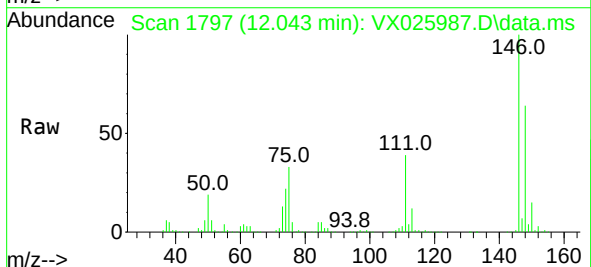


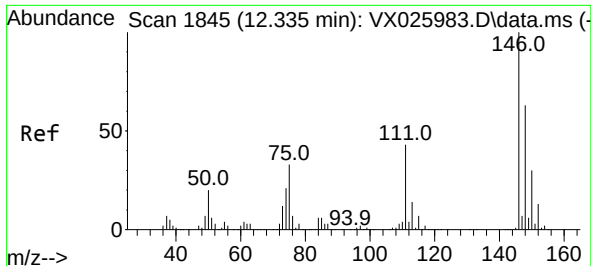
Tgt Ion:146 Resp: 169713
Ion Ratio Lower Upper
146 100
111 43.3 27.6 51.2
148 64.0 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 52.623 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025987.D
Acq: 23 Dec 2021 22:09

Tgt Ion:146 Resp: 169941
Ion Ratio Lower Upper
146 100
111 38.7 26.5 49.3
148 63.9 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 53.646 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

ClientSampleId :

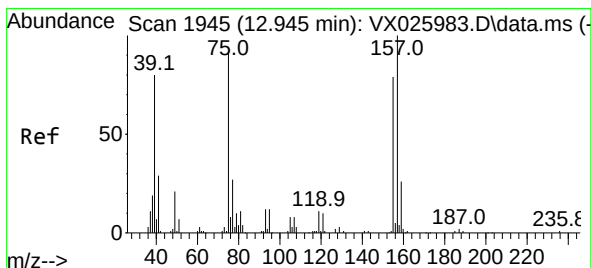
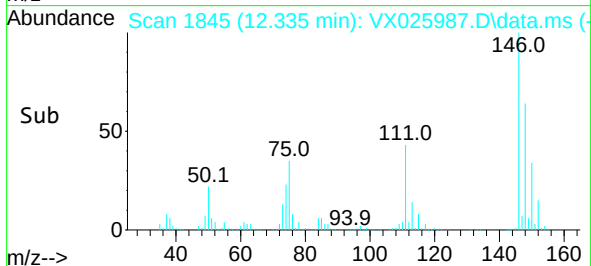
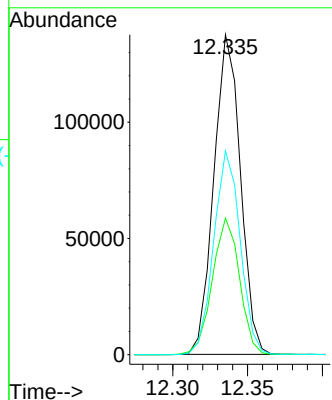
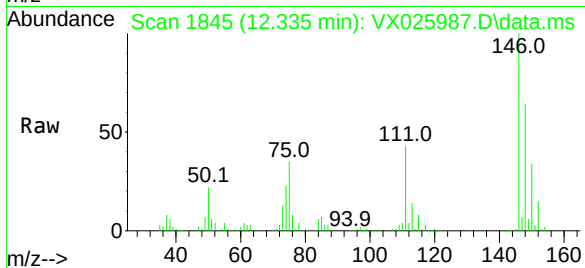
Tgt Ion:146 Resp: 170133

Ion Ratio Lower Upper

146 100

111 42.7 32.3 48.5

148 63.7 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 54.697 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

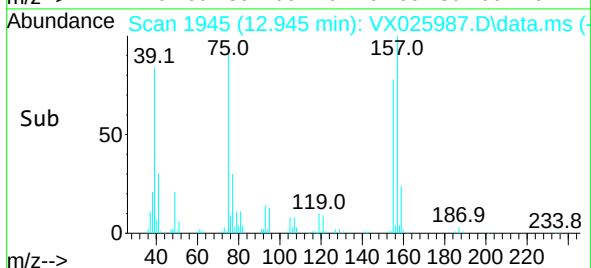
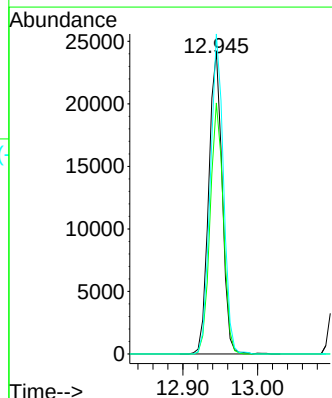
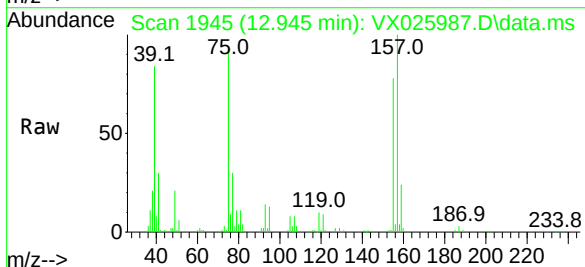
Tgt Ion: 75 Resp: 30128

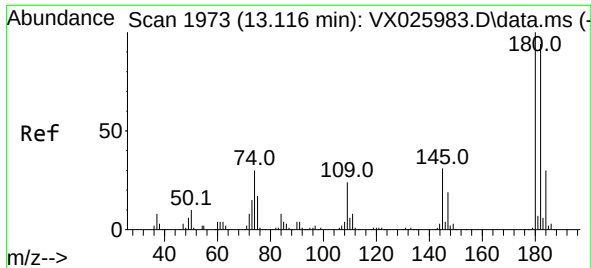
Ion Ratio Lower Upper

75 100

155 83.0 79.4 119.2

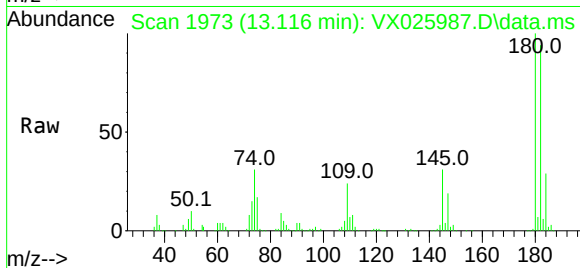
157 105.8 100.4 150.6



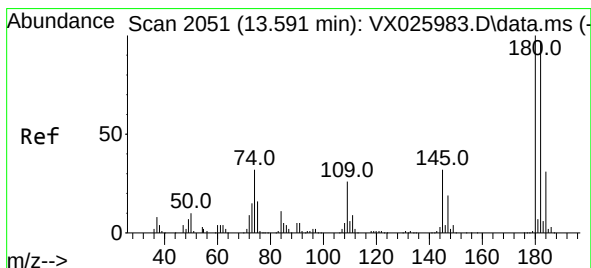
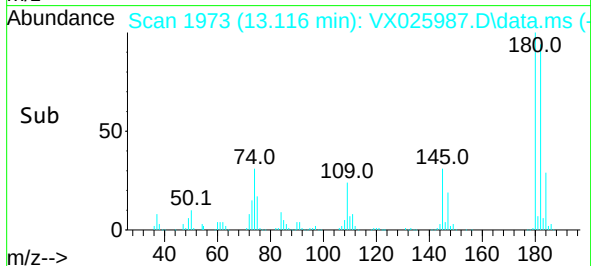
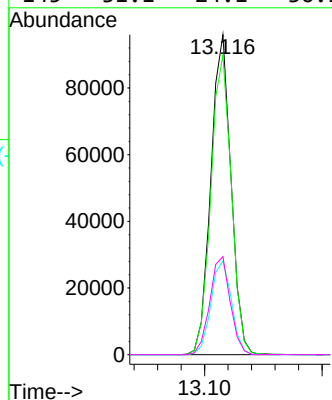


#69
 1,3,5-Trichlorobenzene
 Concen: 53.104 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX025987.D
 Acq: 23 Dec 2021 22:09

Instrument :
 MSVOA_X
 ClientSampleId :

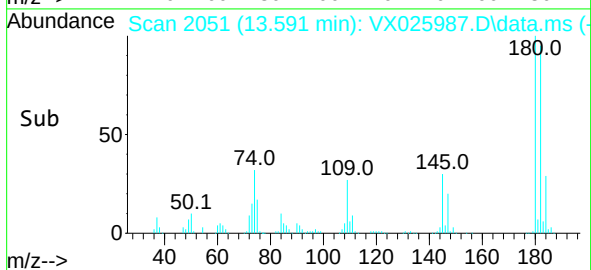
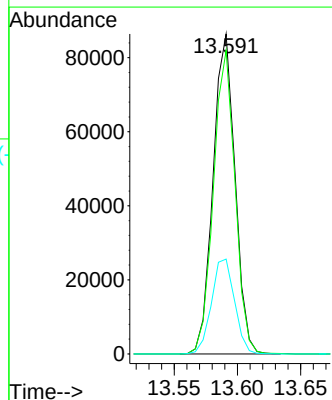
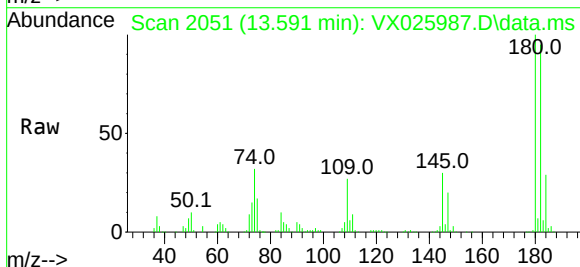


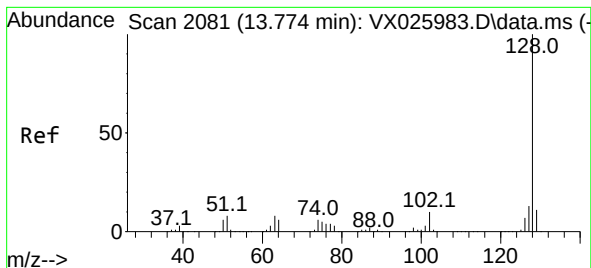
Tgt Ion:180 Resp: 114350
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.3 112.9
 184 29.9 24.6 37.0
 145 31.1 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 54.356 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX025987.D
 Acq: 23 Dec 2021 22:09

Tgt Ion:180 Resp: 104233
 Ion Ratio Lower Upper
 180 100
 182 93.4 78.2 117.4
 145 31.2 24.7 37.1





#71

Naphthalene

Concen: 56.488 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Instrument :

MSVOA_X

ClientSampleId :

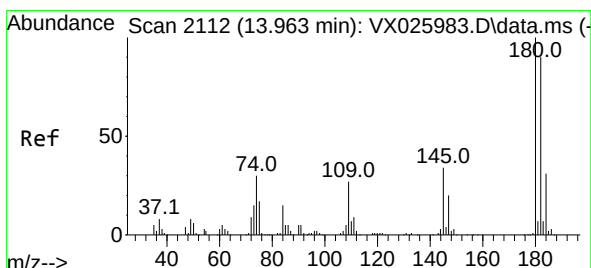
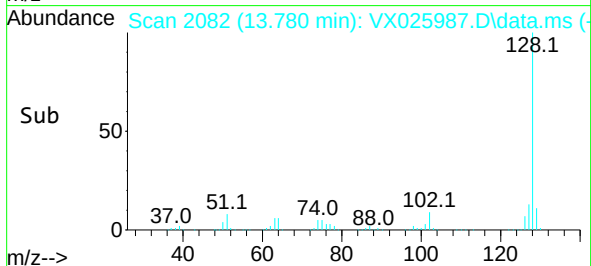
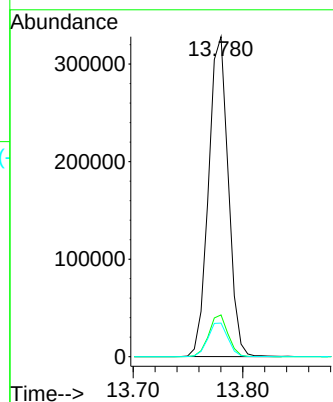
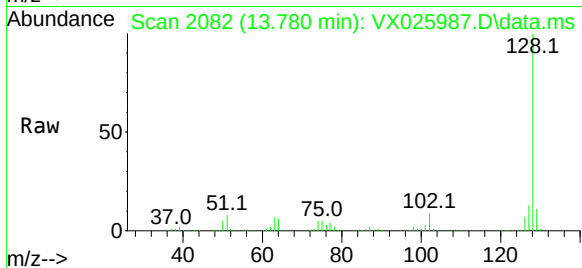
Tgt Ion:128 Resp: 409492

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: 54.002 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX025987.D

Acq: 23 Dec 2021 22:09

Tgt Ion:180 Resp: 106942

Ion Ratio Lower Upper

180 100

182 95.9 75.2 112.8

145 33.8 25.8 38.6

