

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021522\
 Data File : VX027024.D
 Acq On : 15 Feb 2022 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 16 01:32:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 15 05:10:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	129536	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	123794	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64539	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	49459	43.015	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.040%
7) Chloroethane-d5	1.672	69	35951	48.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.460%
11) 1,1-Dichloroethene-d2	2.313	63	98705	44.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.540%
21) 2-Butanone-d5	4.452	46	70692	88.511	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.510%
24) Chloroform-d	5.056	84	99787	46.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
26) 1,2-Dichloroethane-d4	5.952	65	63624	45.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
32) Benzene-d6	5.977	84	197613	44.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.620%
36) 1,2-Dichloropropane-d6	7.306	67	60480	45.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.320%
41) Toluene-d8	8.647	98	180949	44.348	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.700%
43) trans-1,3-Dichloroprop...	8.946	79	26750	44.289	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.580%
47) 2-Hexanone-d5	9.384	63	51710	90.292	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.290%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	72872	46.548	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.100%
66) 1,2-Dichlorobenzene-d4	12.323	152	67868	46.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	67842	48.795	ug/L	99
3) Chloromethane	1.294	50	52148	47.659	ug/L	97
5) Vinyl chloride	1.380	62	52360	47.596	ug/L	99
6) Bromomethane	1.618	94	21632	46.226	ug/L	99
8) Chloroethane	1.691	64	28842	48.498	ug/L	96
9) Trichlorofluoromethane	1.892	101	73108	47.773	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	47514	48.160	ug/L	99
12) 1,1-Dichloroethene	2.325	96	43363	47.844	ug/L	89
13) Acetone	2.380	43	68410	101.776	ug/L	99
14) Carbon disulfide	2.514	76	126424	47.086	ug/L	98
15) Methyl Acetate	2.703	43	47235	45.491	ug/L	99
16) Methylene chloride	2.794	84	47286	47.631	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	45659	47.611	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	138885	47.191	ug/L	99
19) 1,1-Dichloroethane	3.611	63	81649	47.734	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	50448	47.939	ug/L	98
22) 2-Butanone	4.550	43	82370	95.676	ug/L	100
23) Bromochloromethane	4.897	128	25567	47.577	ug/L	98
25) Chloroform	5.093	83	87153	47.632	ug/L	98

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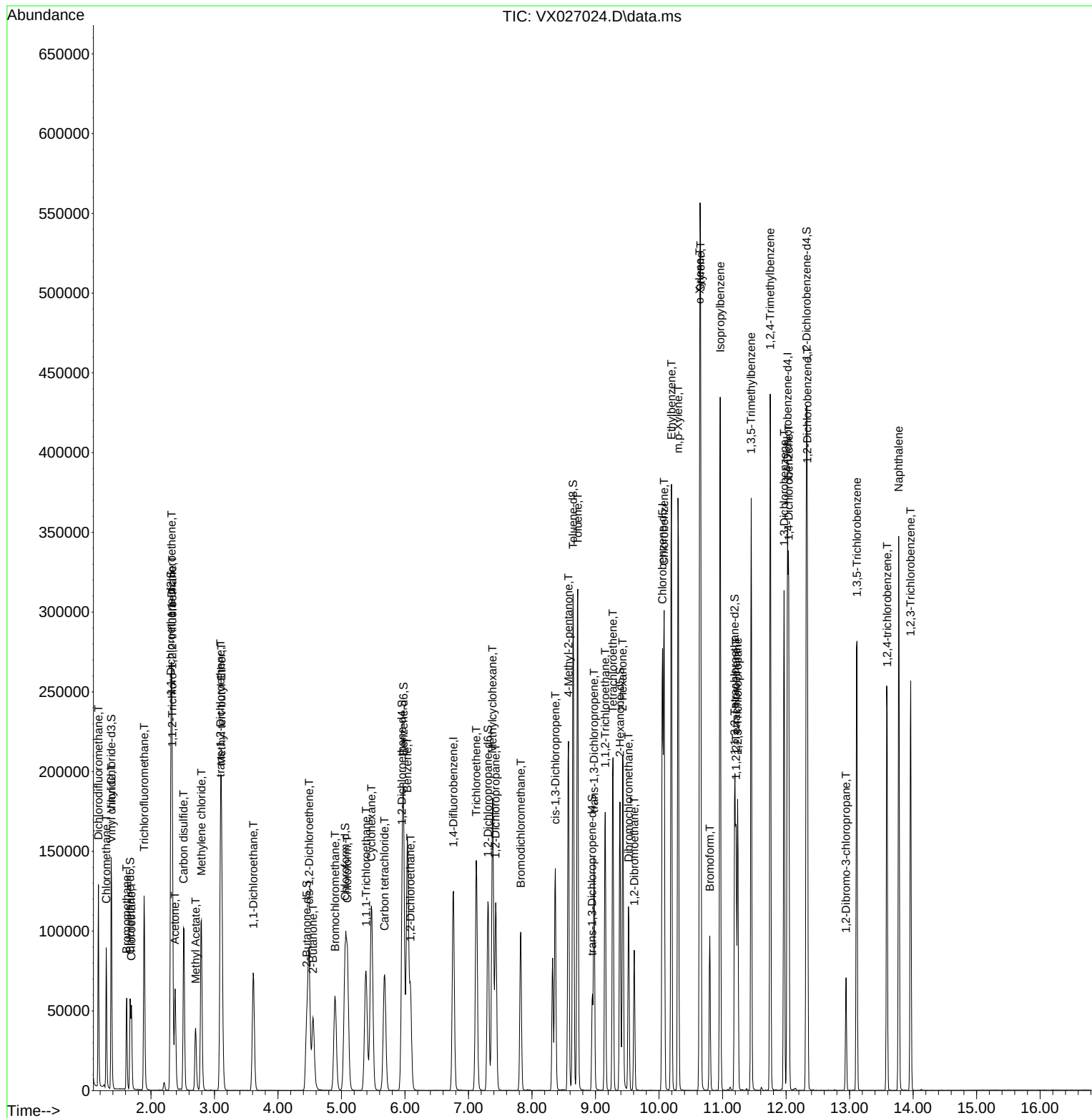
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	67697	47.834	ug/L	99
29) Cyclohexane	5.471	56	81436	47.982	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	74512	46.254	ug/L	99
31) Carbon tetrachloride	5.678	117	67372	47.145	ug/L	99
33) Benzene	6.038	78	189547	47.387	ug/L	100
34) Trichloroethene	7.123	95	53770	46.994	ug/L	98
35) Methylcyclohexane	7.379	83	84180	48.684	ug/L	99
37) 1,2-Dichloropropane	7.428	63	47336	47.053	ug/L	100
38) Bromodichloromethane	7.824	83	64250	47.579	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	71088	47.149	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	132772	92.847	ug/L	100
42) Toluene	8.720	91	204328	47.577	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	66857	47.182	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	46223	46.992	ug/L	98
46) Tetrachloroethene	9.275	164	39652	46.805	ug/L	99
48) 2-Hexanone	9.427	43	111668	96.453	ug/L	99
49) Dibromochloromethane	9.519	129	50313	46.641	ug/L	98
50) 1,2-Dibromoethane	9.610	107	48287	46.762	ug/L	100
51) Chlorobenzene	10.079	112	129272	47.007	ug/L	100
52) Ethylbenzene	10.195	91	221301	47.905	ug/L	98
53) m,p-Xylene	10.299	106	86815	47.668	ug/L	98
54) o-Xylene	10.640	106	85047	48.816	ug/L	99
55) Styrene	10.653	104	145559	49.334	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	61695	47.367	ug/L	98
59) Bromoform	10.799	173	34326	46.350	ug/L	99
60) Isopropylbenzene	10.963	105	224021	48.043	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	56571	46.213	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	156023	48.511	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	190454	48.758	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	98969	47.713	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	99471	47.654	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	96094	47.916	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	13642	45.892	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	69158	48.517	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	60264	47.887	ug/L	99
71) Naphthalene	13.774	128	202333	48.287	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	59556	47.331	ug/L	99

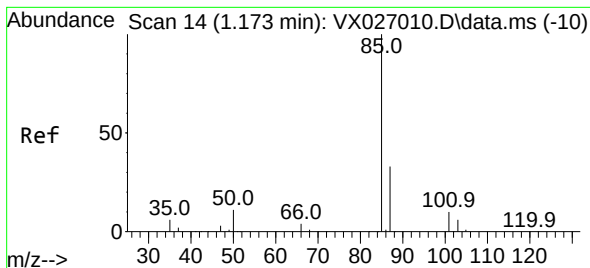
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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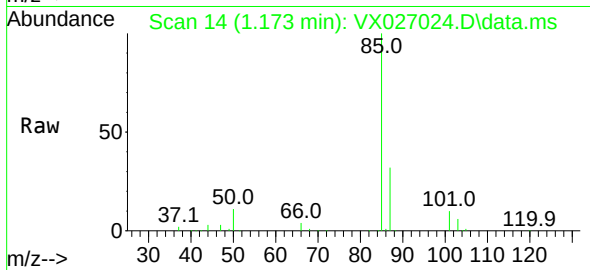
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 15 05:10:18 2022
Response via : Initial Calibration



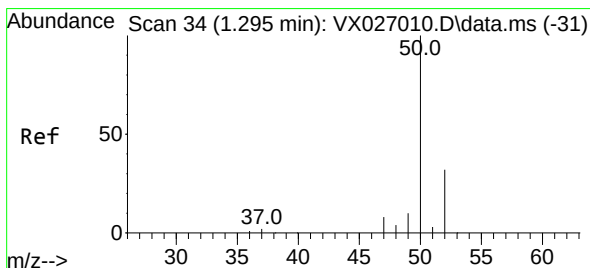
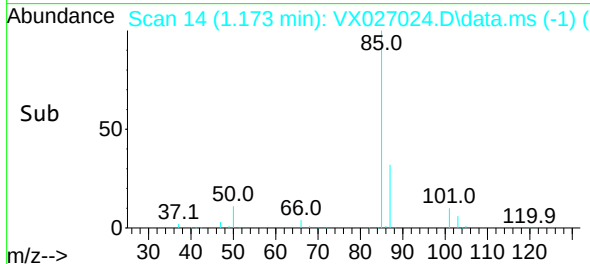
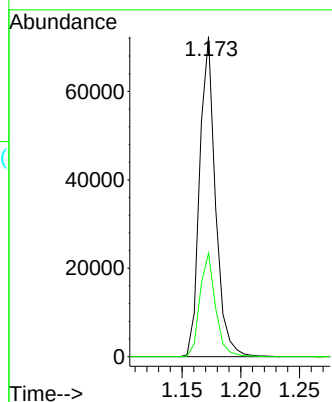


#2
 Dichlorodifluoromethane
 Concen: 48.795 ug/L
 RT: 1.173 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX027024.D
 Acq: 15 Feb 2022 09:54

Instrument :
 MSVOA_X
 ClientSampleId :

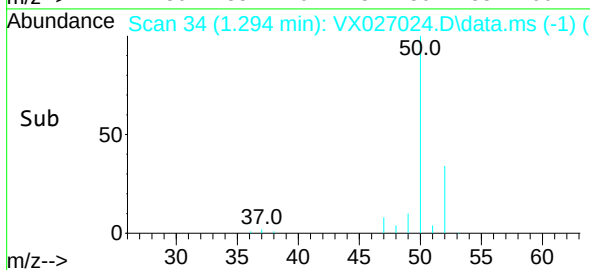
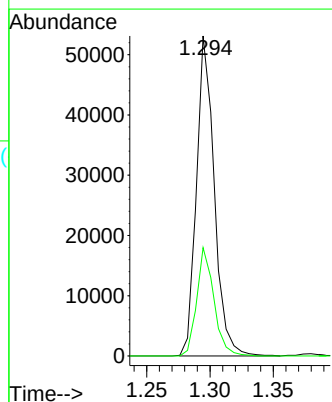
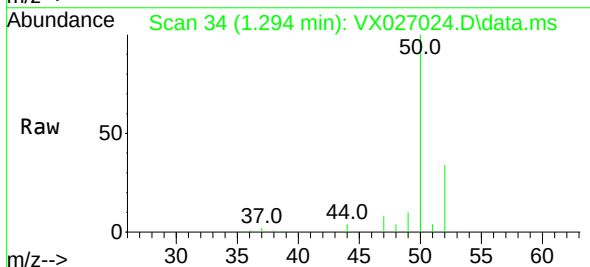


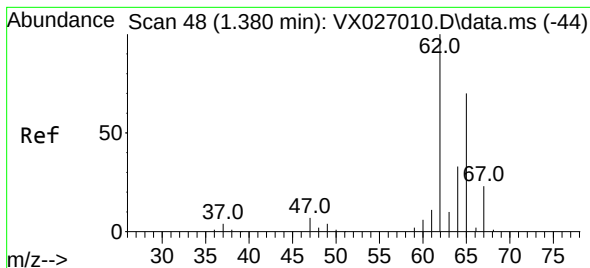
Tgt Ion: 85 Resp: 67842
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.9 38.9



#3
 Chloromethane
 Concen: 47.659 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX027024.D
 Acq: 15 Feb 2022 09:54

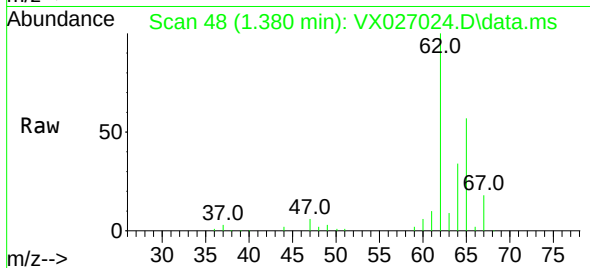
Tgt Ion: 50 Resp: 52148
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.5 41.7



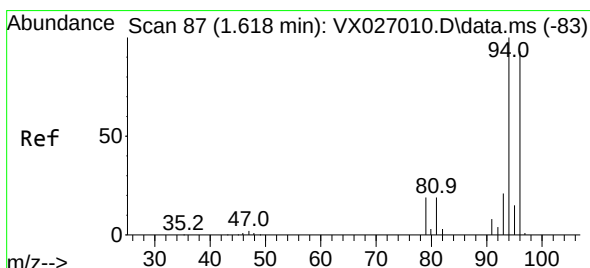
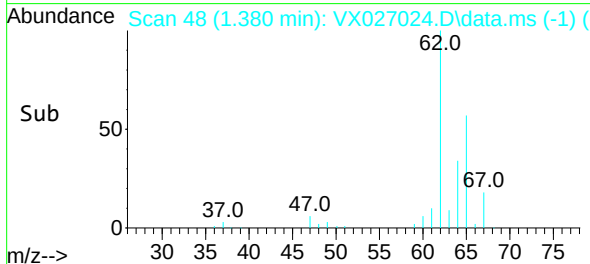
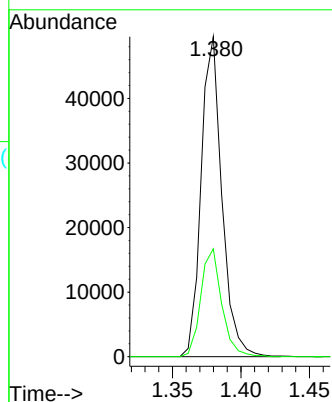


#5
 Vinyl chloride
 Concen: 47.596 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: VX027024.D
 Acq: 15 Feb 2022 09:54

Instrument :
 MSVOA_X
 ClientSampleId :

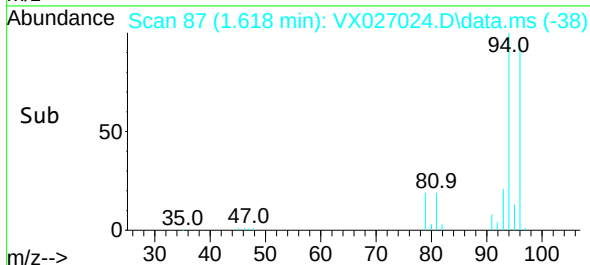
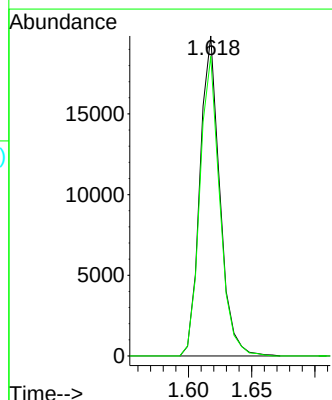
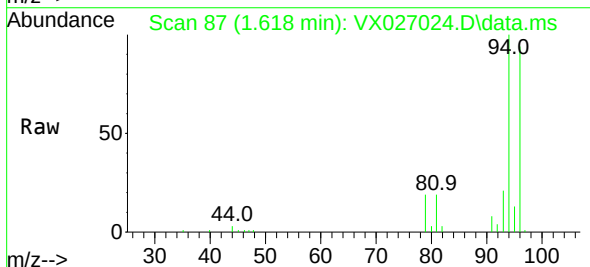


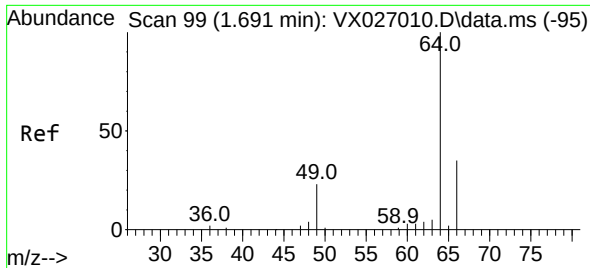
Tgt Ion: 62 Resp: 52360
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.3 43.3



#6
 Bromomethane
 Concen: 46.226 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX027024.D
 Acq: 15 Feb 2022 09:54

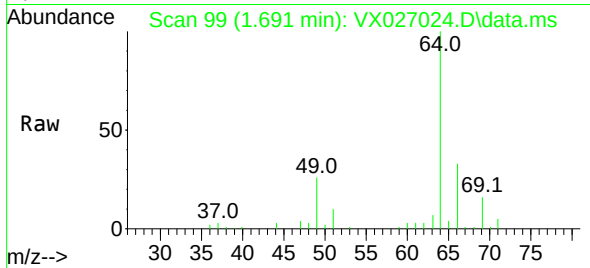
Tgt Ion: 94 Resp: 21632
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.9 120.5



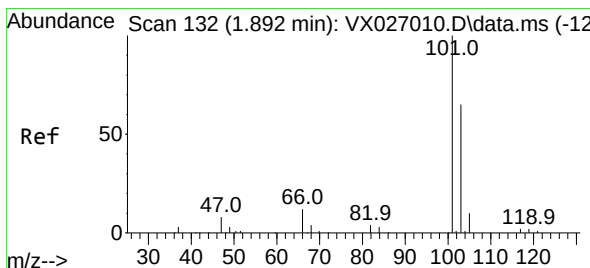
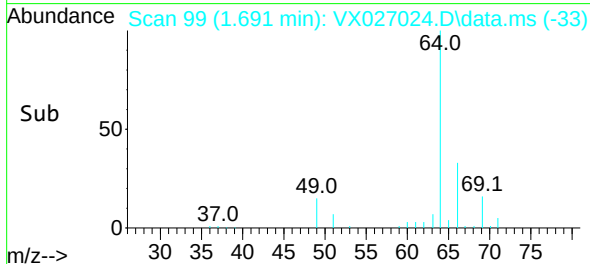
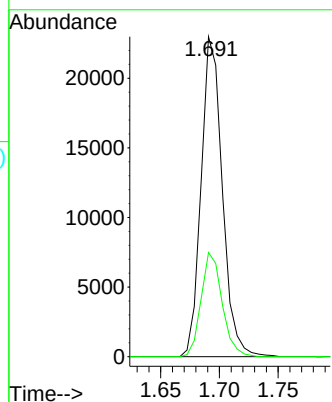


#8
 Chloroethane
 Concen: 48.498 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX027024.D
 Acq: 15 Feb 2022 09:54

Instrument :
 MSVOA_X
 ClientSampleId :

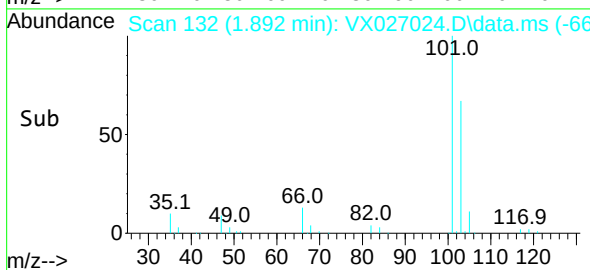
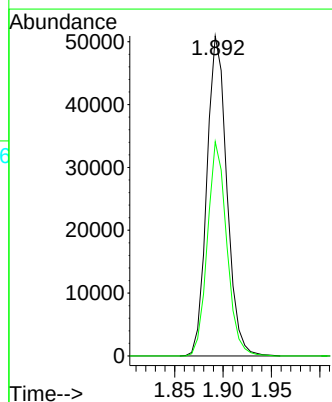
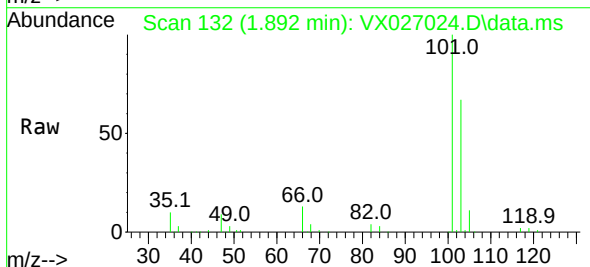


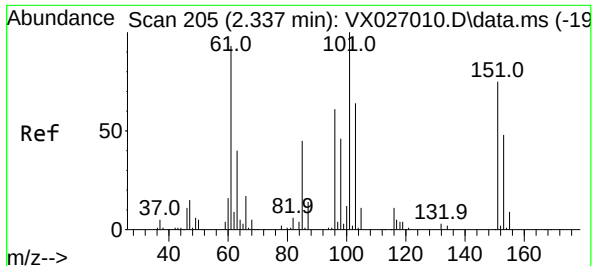
Tgt Ion: 64 Resp: 28842
 Ion Ratio Lower Upper
 64 100
 66 32.6 24.2 45.0



#9
 Trichlorofluoromethane
 Concen: 47.773 ug/L
 RT: 1.892 min Scan# 132
 Delta R.T. -0.000 min
 Lab File: VX027024.D
 Acq: 15 Feb 2022 09:54

Tgt Ion: 101 Resp: 73108
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.8

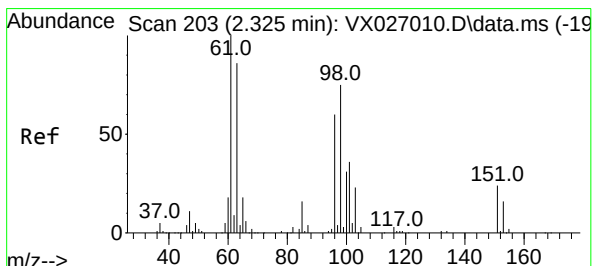
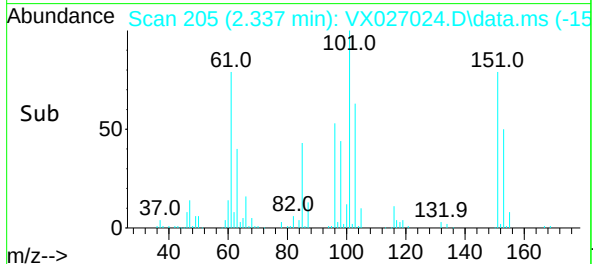
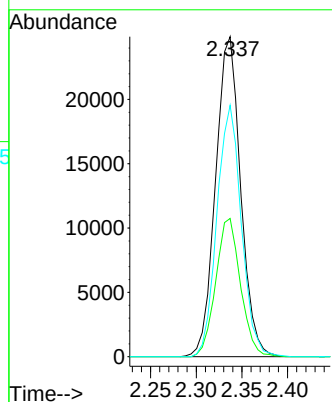
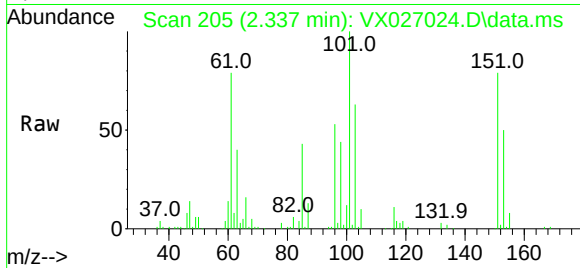




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.160 ug/L
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX027024.D
 Acq: 15 Feb 2022 09:54

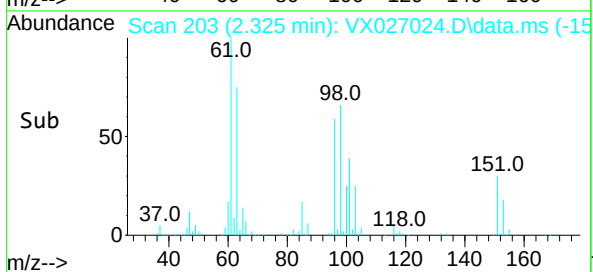
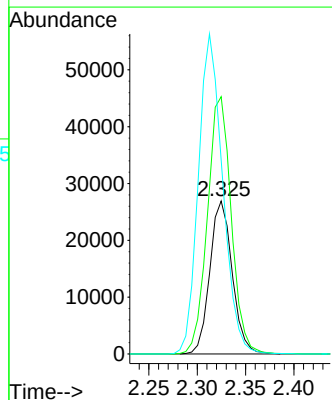
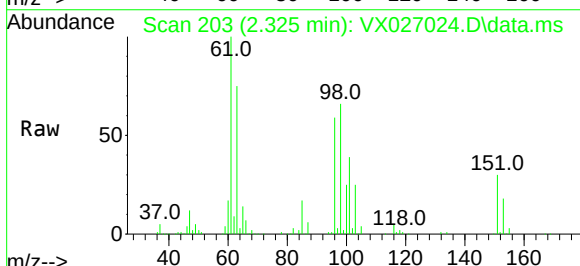
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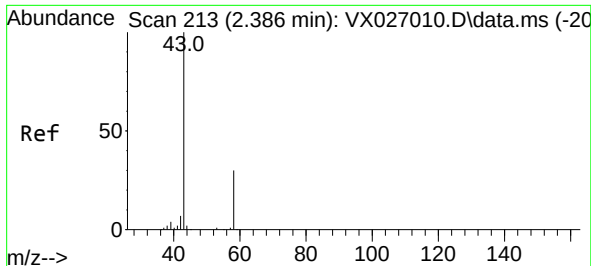
Tgt Ion:101 Resp: 47514
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.9 50.9
 151 76.6 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 47.844 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX027024.D
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Tgt Ion: 96 Resp: 43363
 Ion Ratio Lower Upper
 96 100
 61 168.1 118.2 219.4
 63 126.9 109.6 203.4





#13

Acetone

Concen: 101.776 ug/L

RT: 2.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Instrument :

MSVOA_X

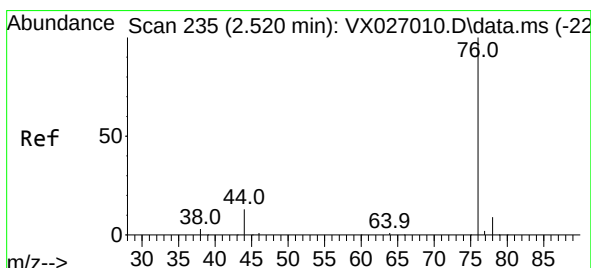
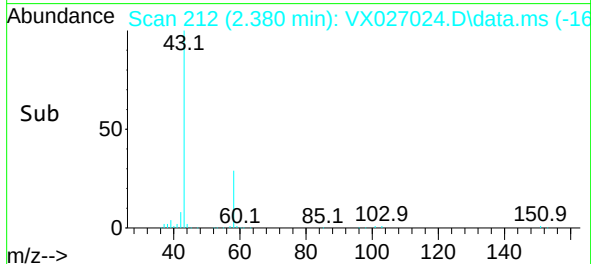
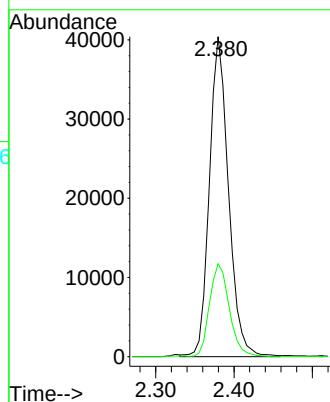
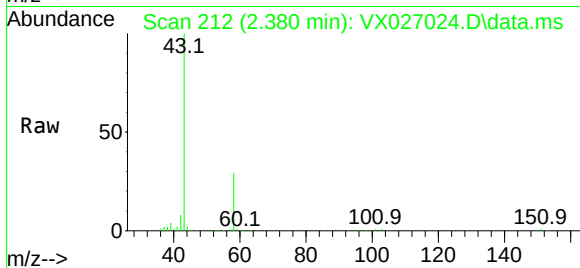
ClientSampleId :

Tgt Ion: 43 Resp: 68410

Ion Ratio Lower Upper

43 100

58 30.0 0.0 61.4



#14

Carbon disulfide

Concen: 47.086 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.006 min

Lab File: VX027024.D

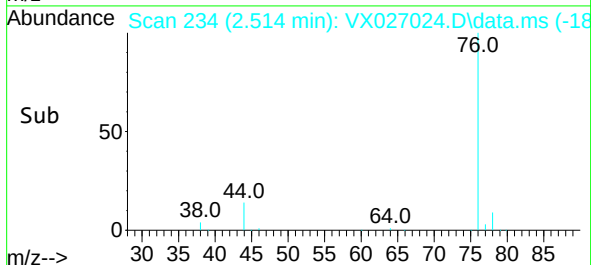
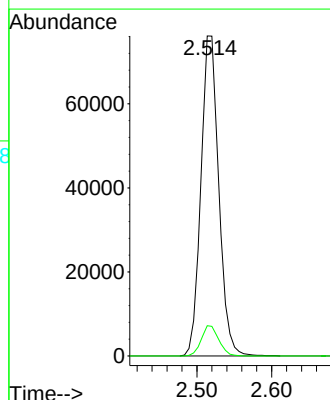
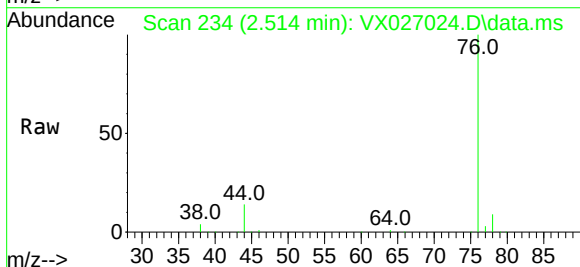
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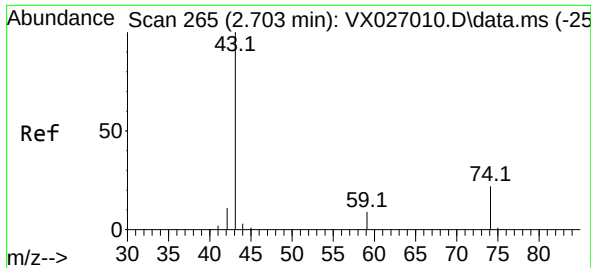
Tgt Ion: 76 Resp: 126424

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

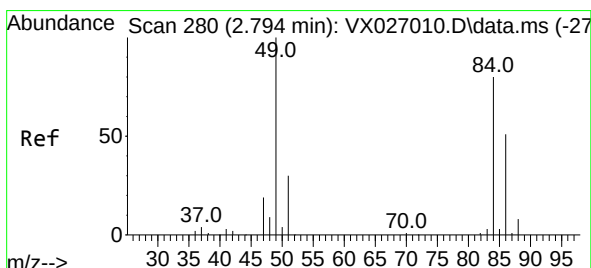
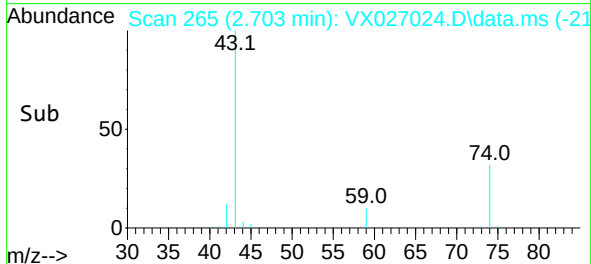
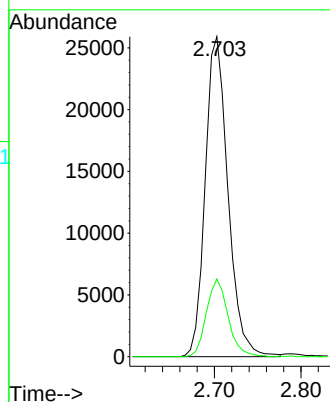
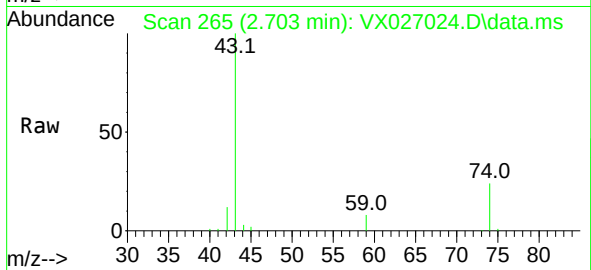




#15
Methyl Acetate
Concen: 45.491 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

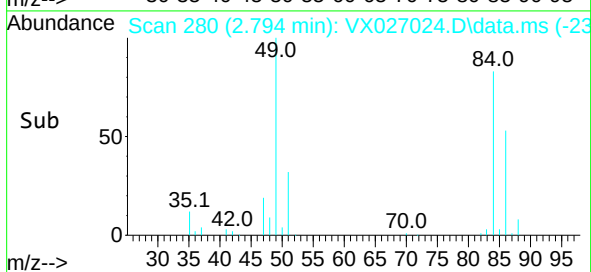
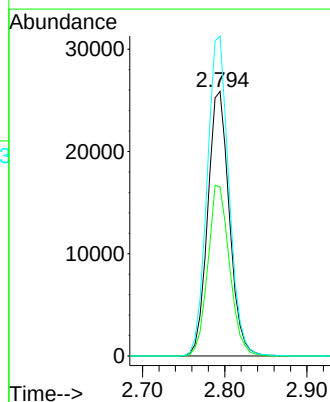
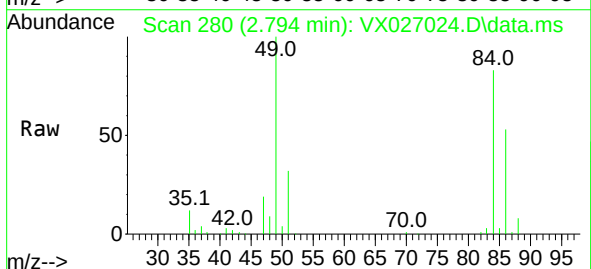
Instrument :
MSVOA_X
ClientSampleId :

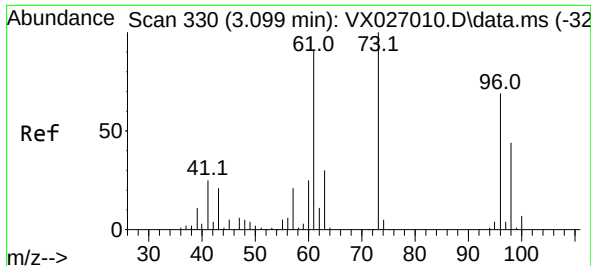
Tgt Ion: 43 Resp: 47235
Ion Ratio Lower Upper
43 100
74 23.1 18.2 27.4



#16
Methylene chloride
Concen: 47.631 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Tgt Ion: 84 Resp: 47286
Ion Ratio Lower Upper
84 100
86 63.9 44.8 83.2
49 121.0 87.0 161.6





#17

trans-1,2-Dichloroethene

Concen: 47.611 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Instrument :

MSVOA_X

ClientSampleId :

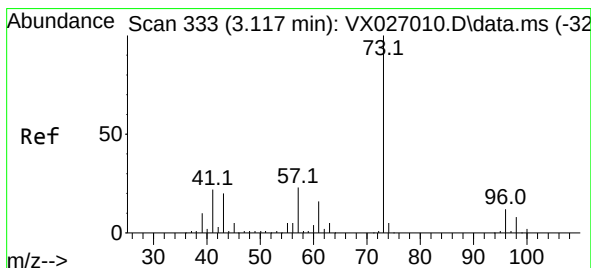
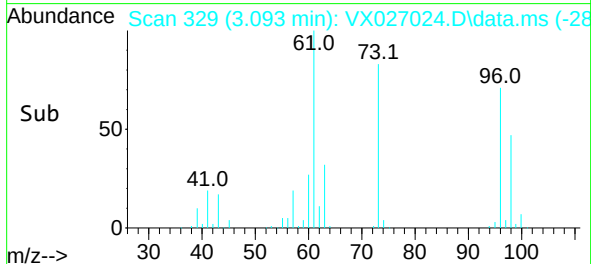
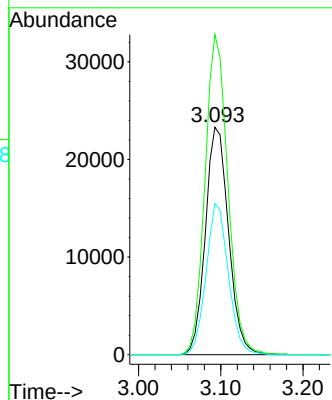
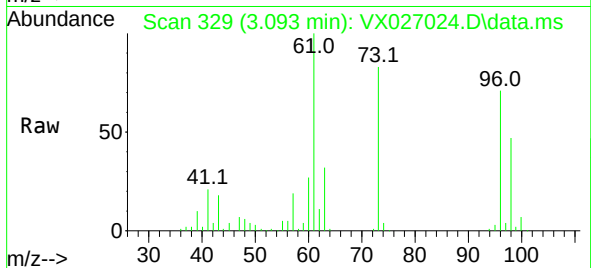
Tgt Ion: 96 Resp: 45659

Ion Ratio Lower Upper

96 100

61 140.7 93.0 172.6

98 66.4 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 47.191 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.006 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

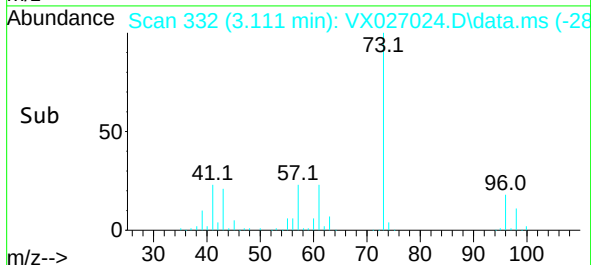
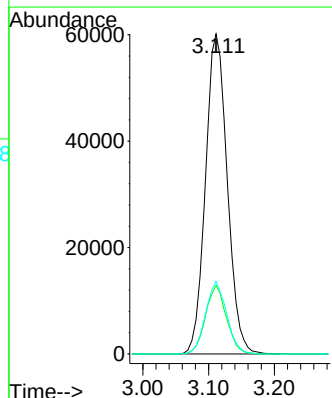
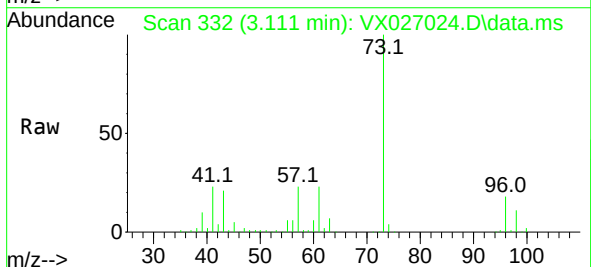
Tgt Ion: 73 Resp: 138885

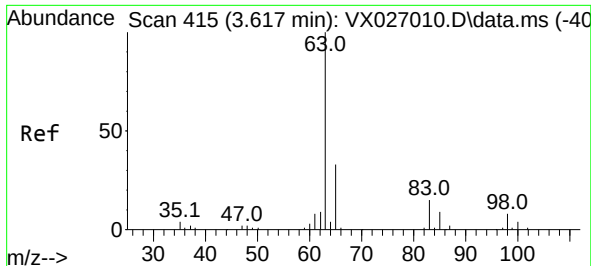
Ion Ratio Lower Upper

73 100

43 20.5 16.2 24.4

57 21.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 47.734 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Instrument :

MSVOA_X

ClientSampleId :

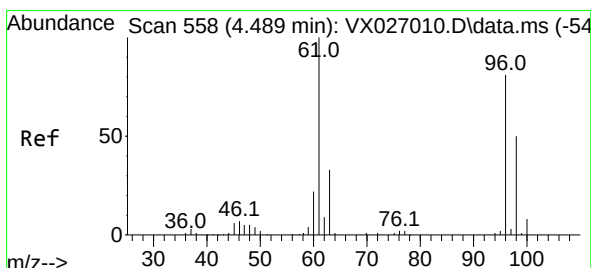
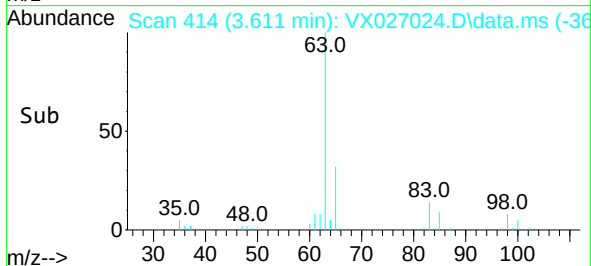
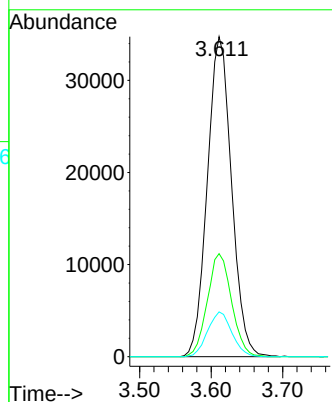
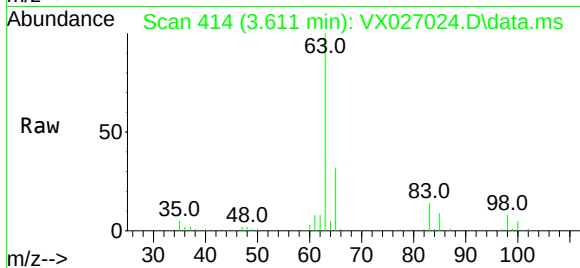
Tgt Ion: 63 Resp: 81649

Ion Ratio Lower Upper

63 100

65 32.2 22.9 42.5

83 14.0 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 47.939 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

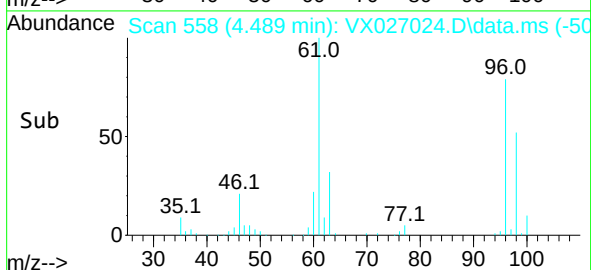
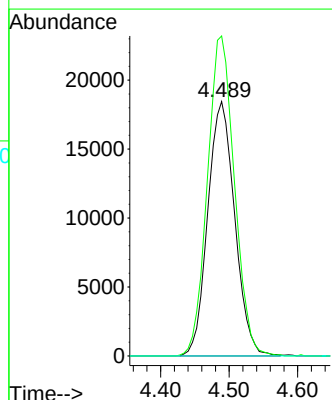
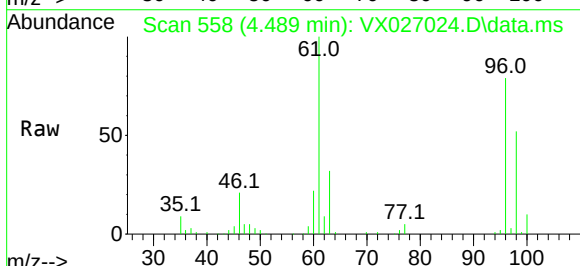
Tgt Ion: 96 Resp: 50448

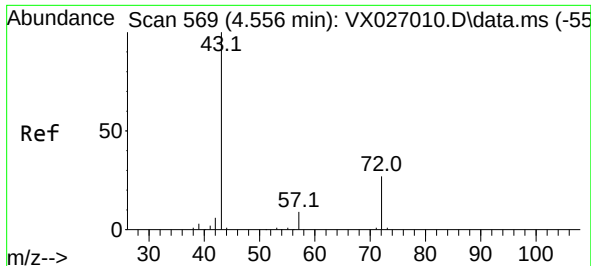
Ion Ratio Lower Upper

96 100

61 125.8 86.7 161.1

68 0.0 0.0 0.0

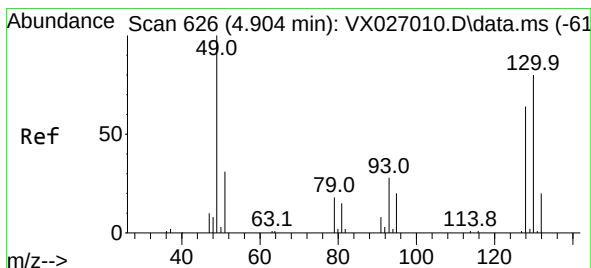
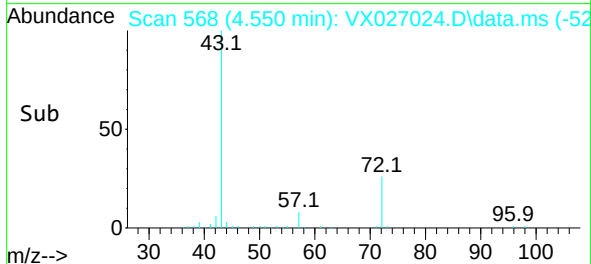
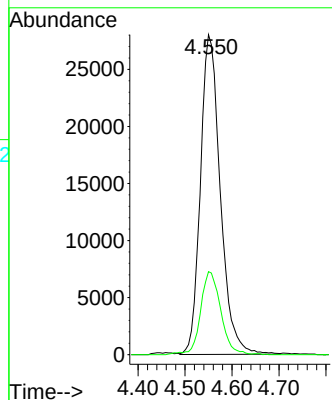
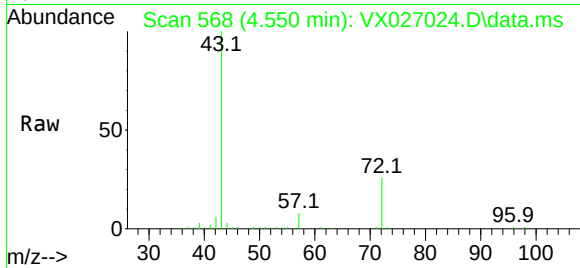




#22
2-Butanone
Concen: 95.676 ug/L
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

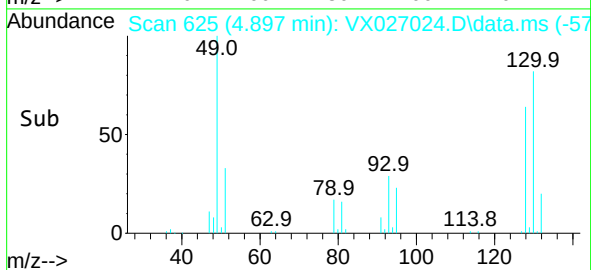
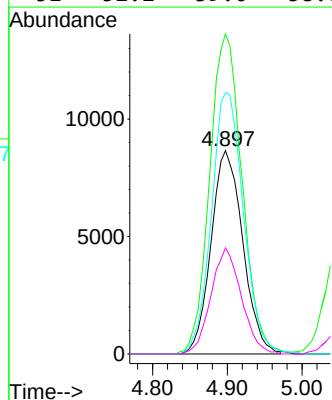
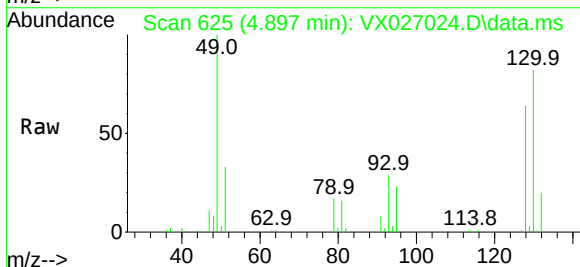
Instrument :
MSVOA_X
ClientSampleId :

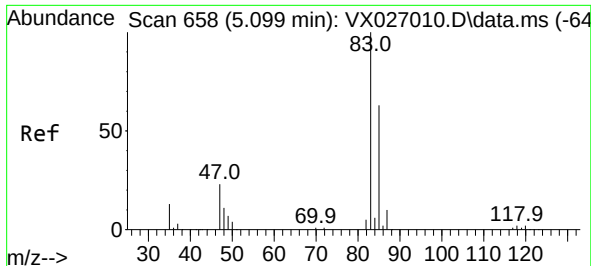
Tgt Ion: 43 Resp: 82370
Ion Ratio Lower Upper
43 100
72 26.3 13.2 39.5



#23
Bromochloromethane
Concen: 47.577 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Tgt Ion: 128 Resp: 25567
Ion Ratio Lower Upper
128 100
49 157.4 110.2 204.6
130 128.5 88.2 163.8
51 52.2 39.0 58.6





#25

Chloroform

Concen: 47.632 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Instrument :

MSVOA_X

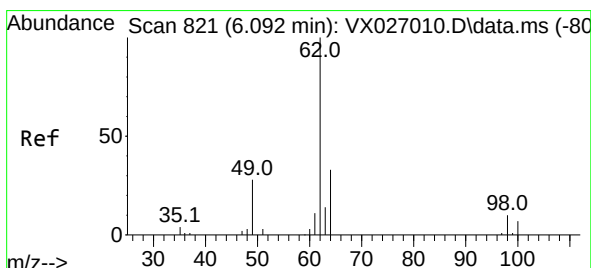
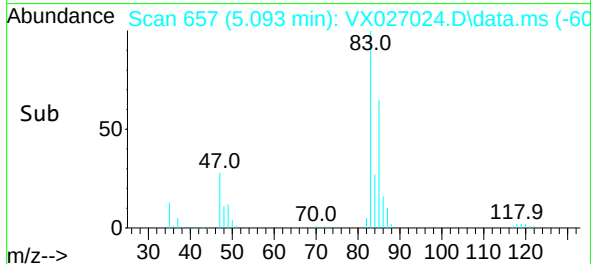
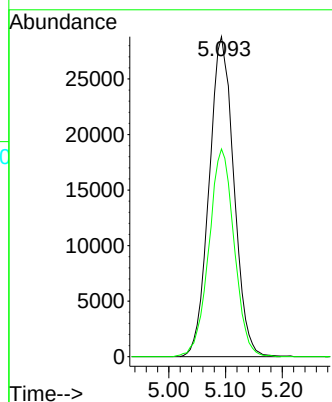
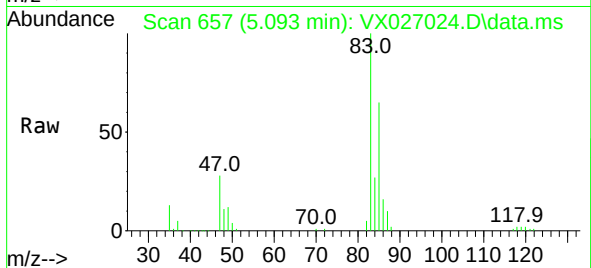
ClientSampleId :

Tgt Ion: 83 Resp: 87153

Ion Ratio Lower Upper

83 100

85 64.9 44.2 82.2



#27

1,2-Dichloroethane

Concen: 47.834 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX027024.D

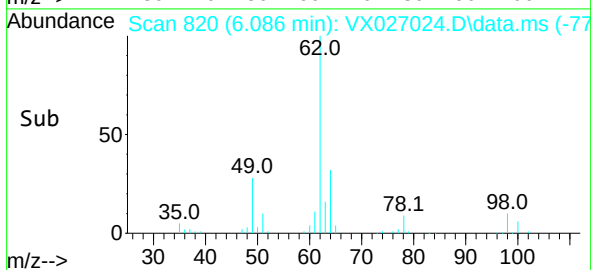
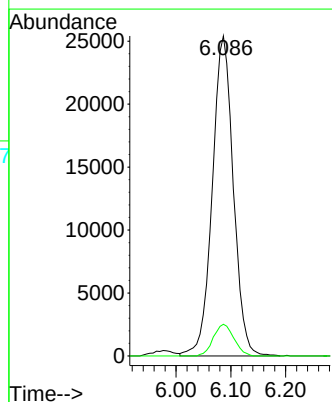
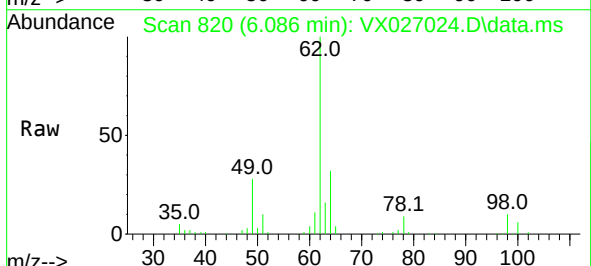
Acq: 15 Feb 2022 09:54

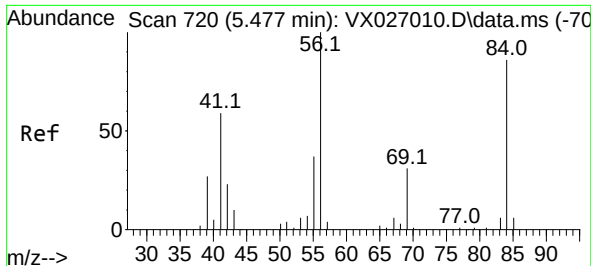
Tgt Ion: 62 Resp: 67697

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.2





#29

Cyclohexane

Concen: 47.982 ug/L

RT: 5.471 min Scan# 719

Delta R.T. -0.006 min

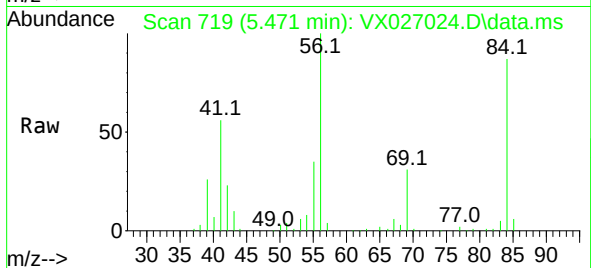
Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Instrument :

MSVOA_X

ClientSampleId :



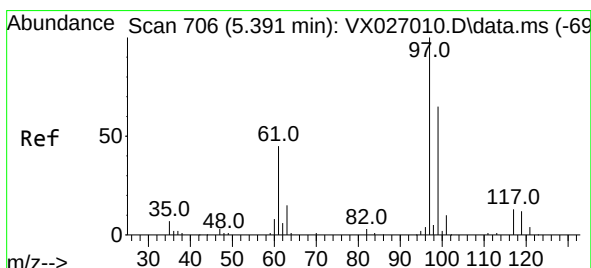
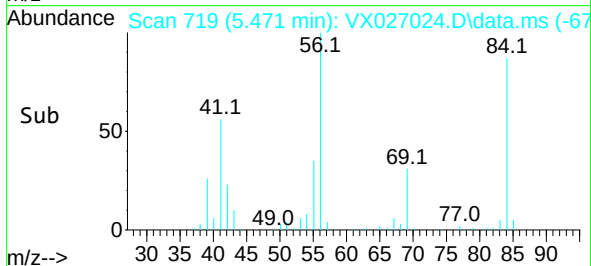
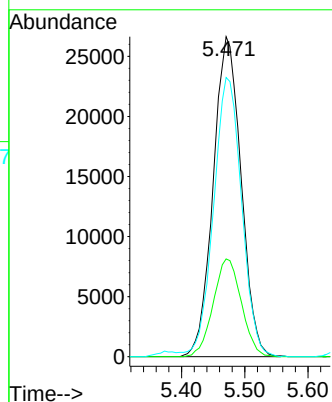
Tgt Ion: 56 Resp: 81436

Ion Ratio Lower Upper

56 100

69 30.8 24.6 36.8

84 87.8 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 46.254 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

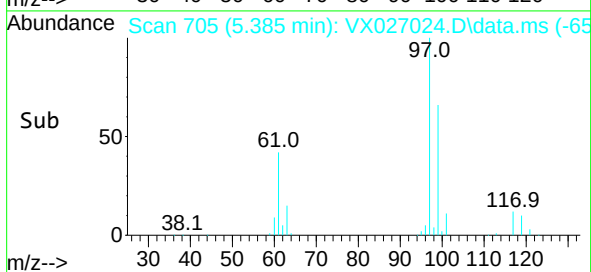
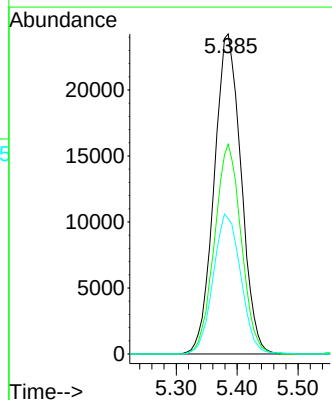
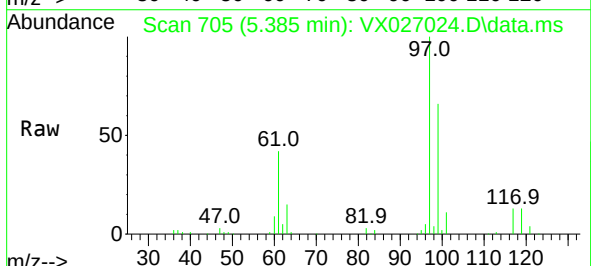
Tgt Ion: 97 Resp: 74512

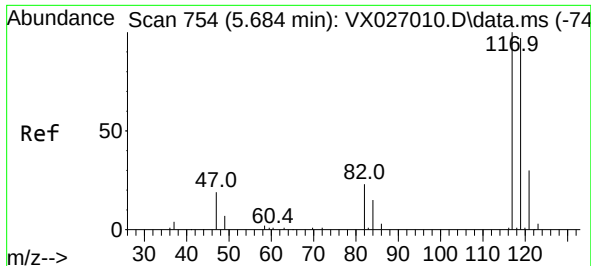
Ion Ratio Lower Upper

97 100

99 65.0 51.5 77.3

61 44.6 35.2 52.8

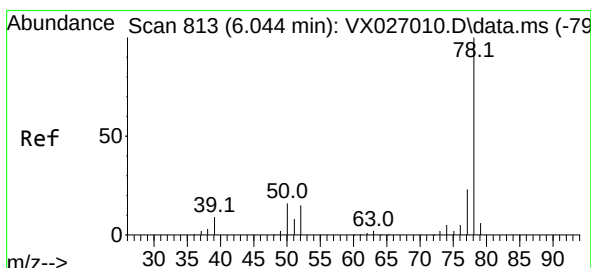
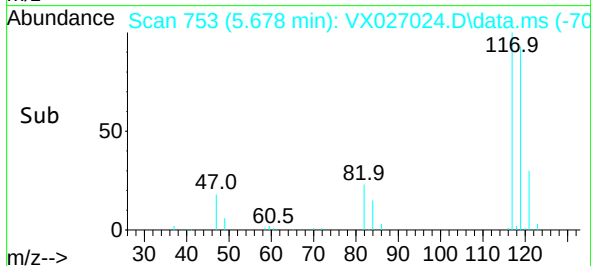
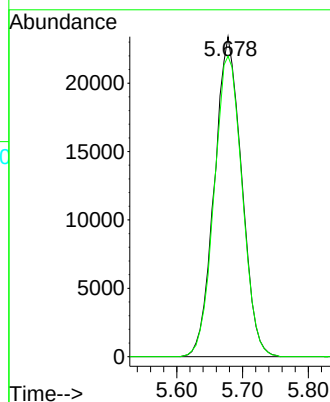
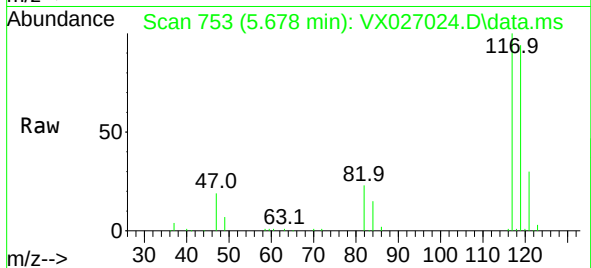




#31
Carbon tetrachloride
Concen: 47.145 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

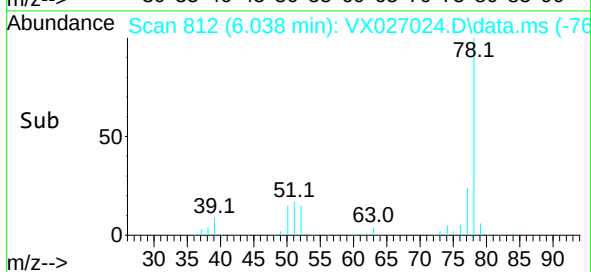
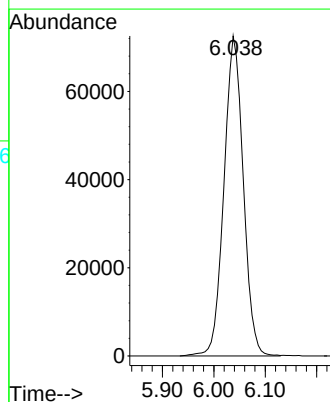
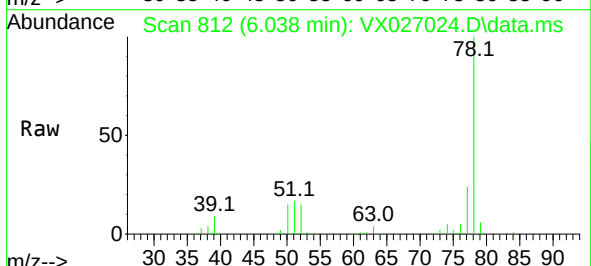
Instrument :
MSVOA_X
ClientSampleId :

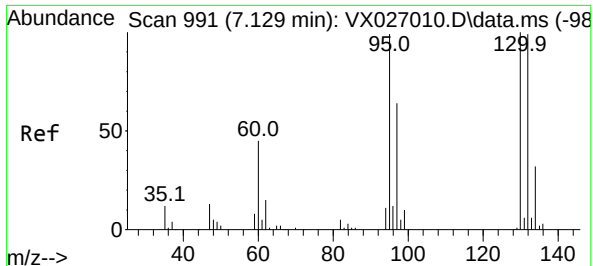
Tgt Ion:117 Resp: 67372
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.8



#33
Benzene
Concen: 47.387 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Tgt Ion: 78 Resp: 189547





#34

Trichloroethene

Concen: 46.994 ug/L

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 53770

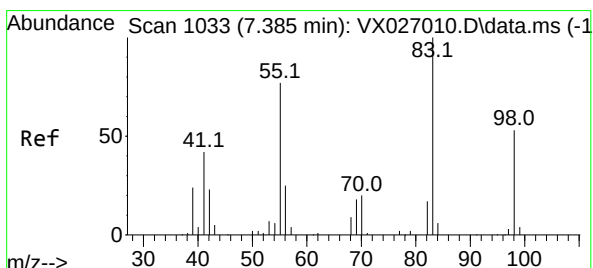
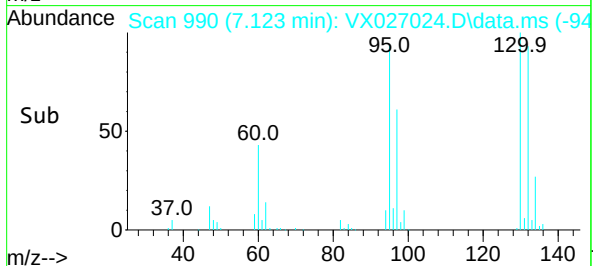
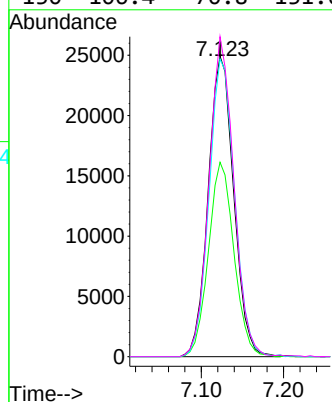
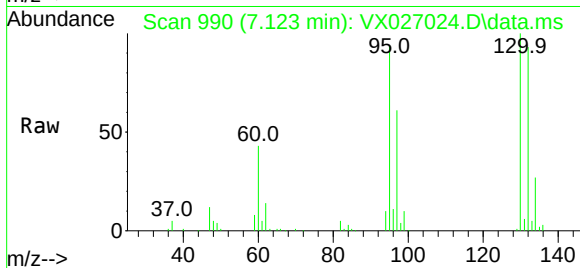
Ion Ratio Lower Upper

95 100

97 64.7 45.5 84.5

132 99.0 69.9 129.7

130 106.4 70.8 131.6



#35

Methylcyclohexane

Concen: 48.684 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

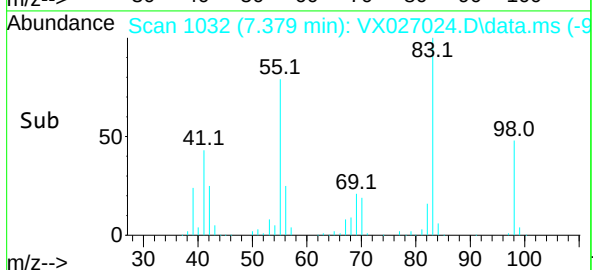
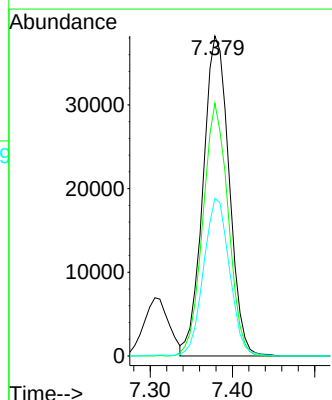
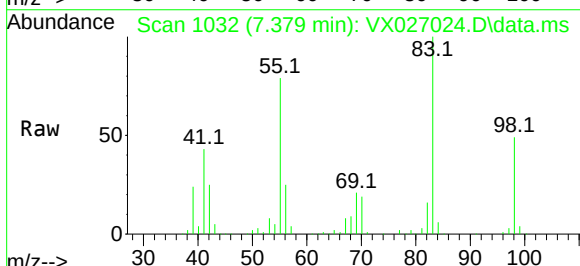
Tgt Ion: 83 Resp: 84180

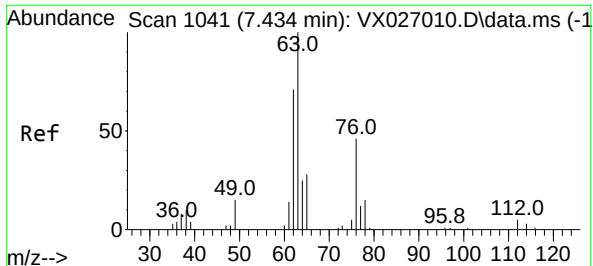
Ion Ratio Lower Upper

83 100

55 76.4 60.6 90.8

98 49.2 39.8 59.8





#37

1,2-Dichloropropane

Concen: 47.053 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Instrument :

MSVOA_X

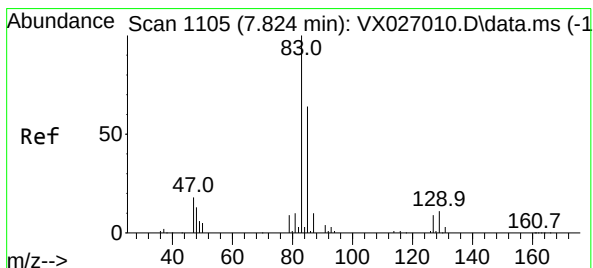
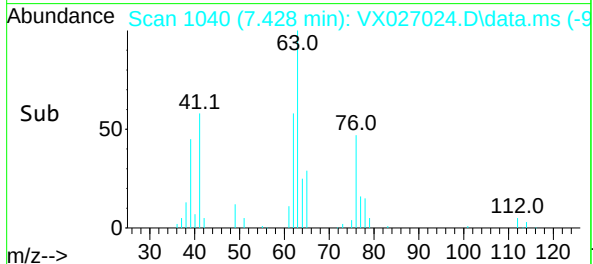
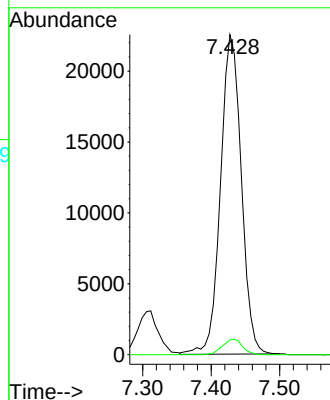
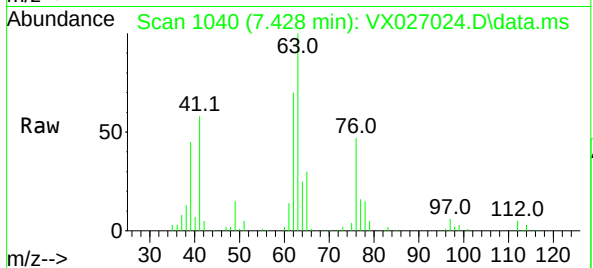
ClientSampleId :

Tgt Ion: 63 Resp: 47336

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 47.579 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

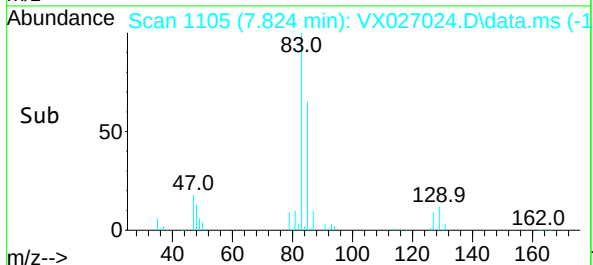
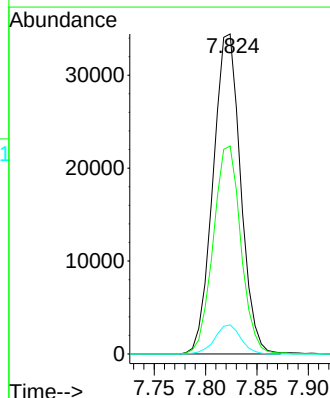
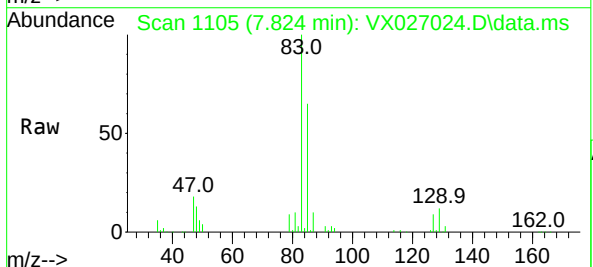
Tgt Ion: 83 Resp: 64250

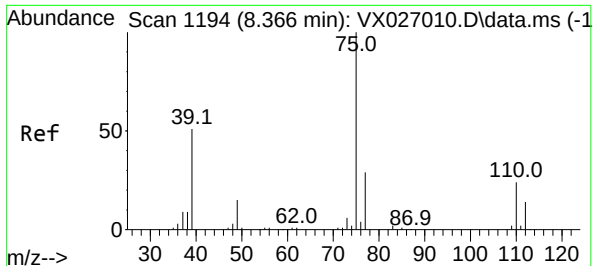
Ion Ratio Lower Upper

83 100

85 65.0 44.7 83.1

127 9.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 47.149 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Instrument :

MSVOA_X

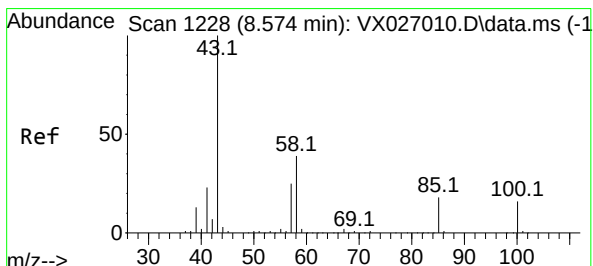
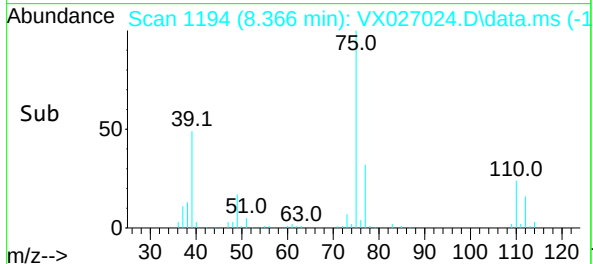
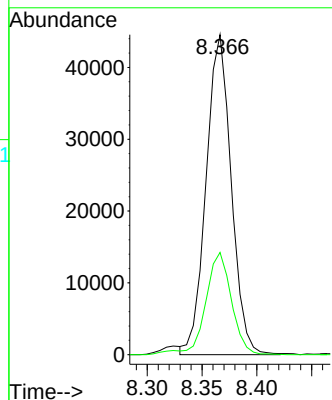
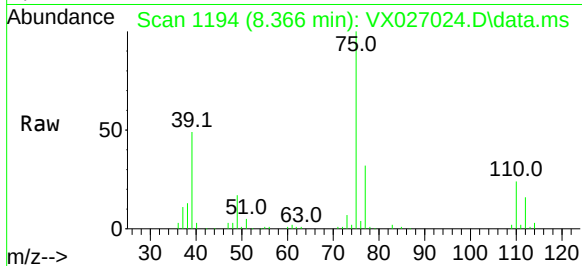
ClientSampleId :

Tgt Ion: 75 Resp: 71088

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 92.847 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

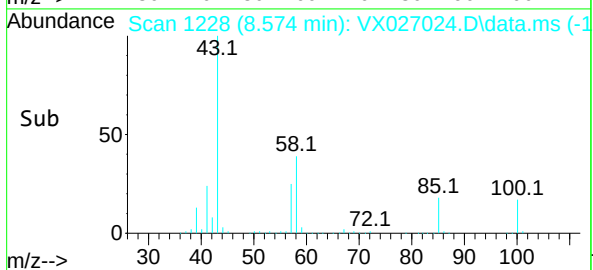
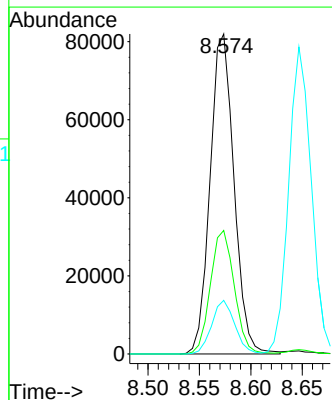
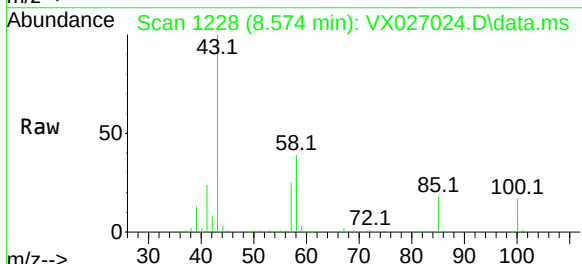
Tgt Ion: 43 Resp: 132772

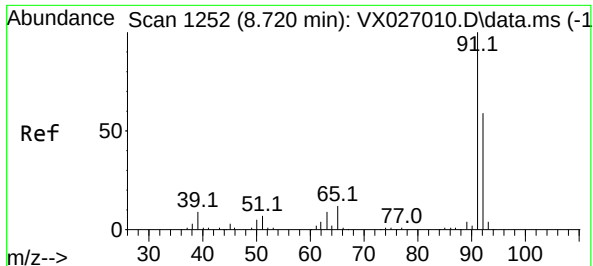
Ion Ratio Lower Upper

43 100

58 38.5 31.0 46.6

100 16.2 13.0 19.4

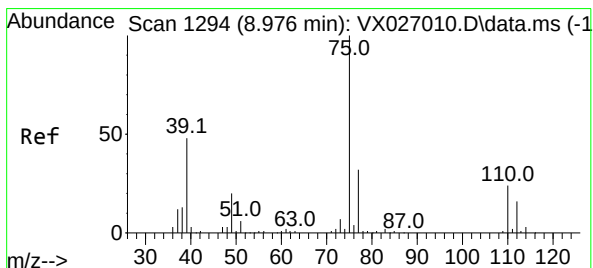
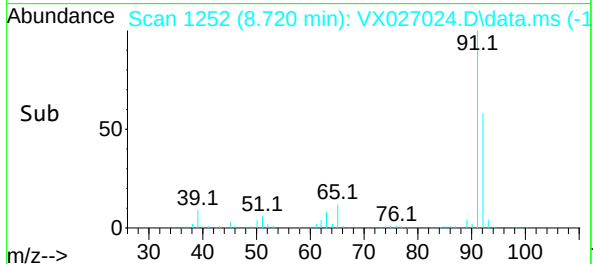
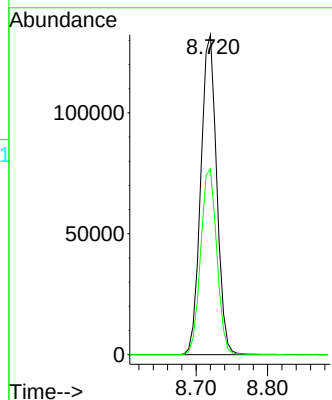
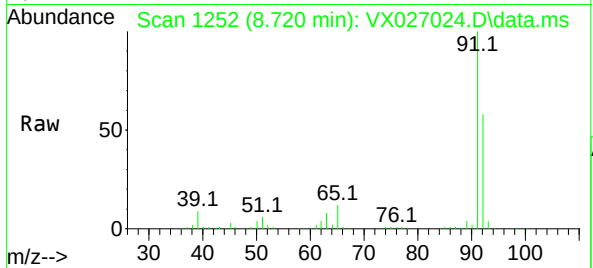




#42
Toluene
Concen: 47.577 ug/L
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

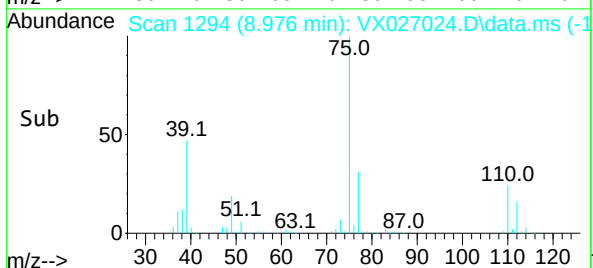
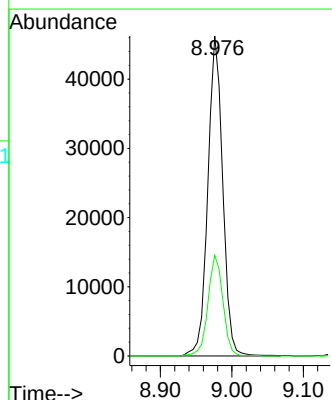
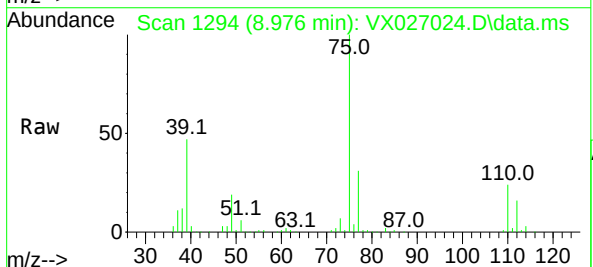
Instrument :
MSVOA_X
ClientSampleId :

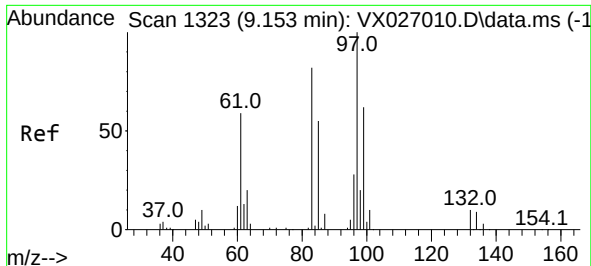
Tgt Ion: 91 Resp: 204328
Ion Ratio Lower Upper
91 100
92 58.1 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 47.182 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Tgt Ion: 75 Resp: 66857
Ion Ratio Lower Upper
75 100
77 31.4 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 46.992 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 46223

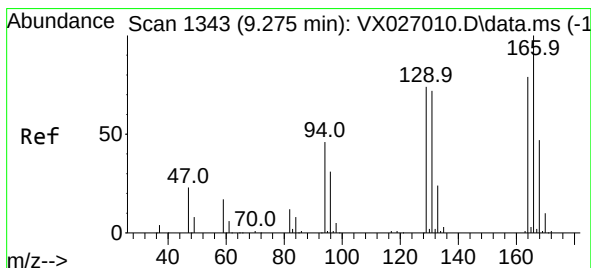
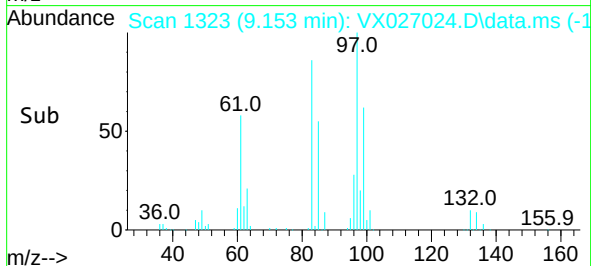
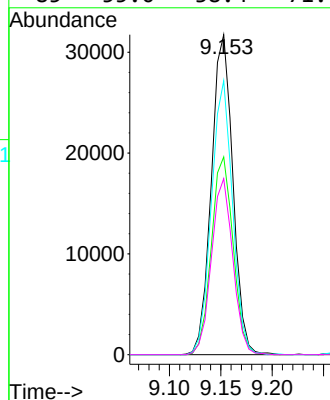
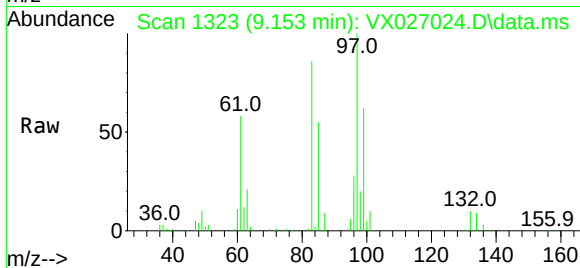
Ion Ratio Lower Upper

97 100

99 61.8 43.3 80.5

83 85.6 57.5 106.9

85 55.0 38.4 71.4



#46

Tetrachloroethene

Concen: 46.805 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Tgt Ion:164 Resp: 39652

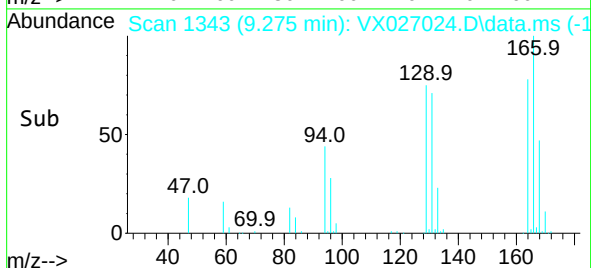
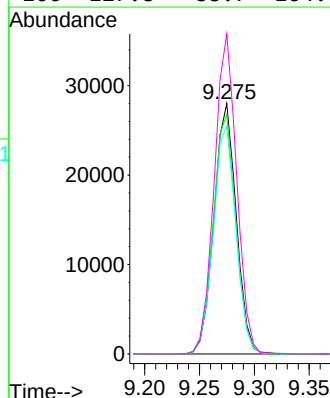
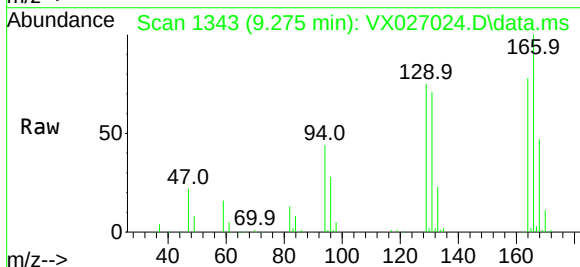
Ion Ratio Lower Upper

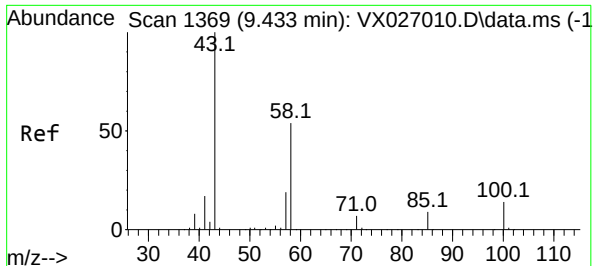
164 100

129 95.7 65.5 121.7

131 91.1 64.3 119.3

166 127.8 88.7 164.7

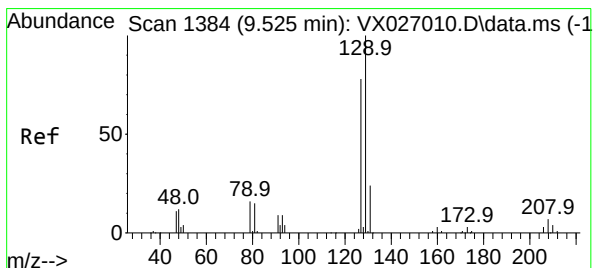
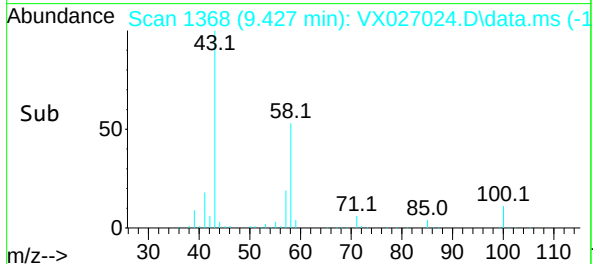
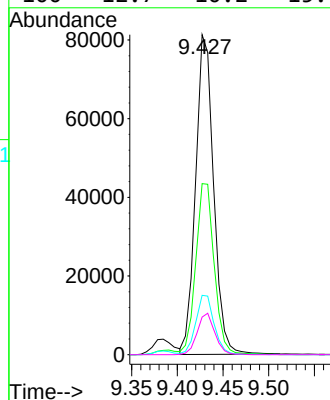
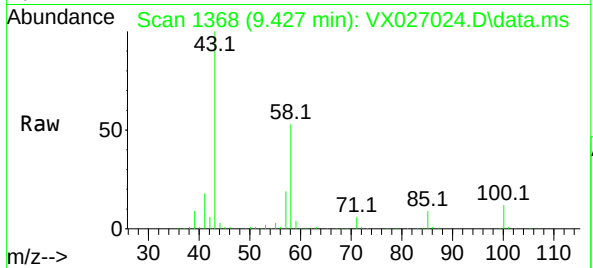




#48
2-Hexanone
Concen: 96.453 ug/L
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

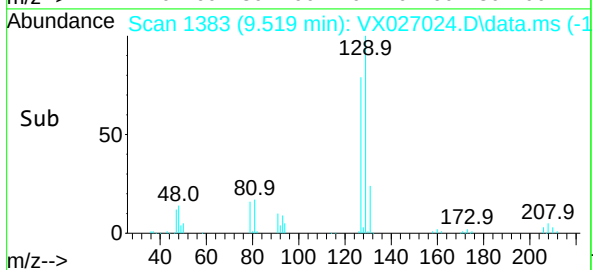
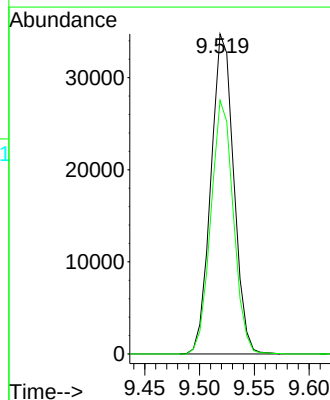
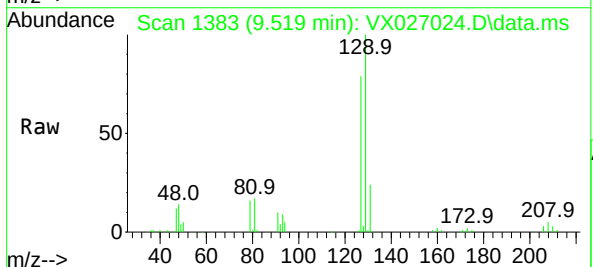
Instrument :
MSVOA_X
ClientSampleId :

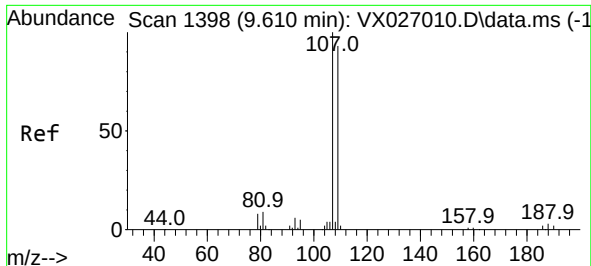
Tgt Ion: 43 Resp: 111668
Ion Ratio Lower Upper
43 100
58 55.0 42.9 64.3
57 18.9 15.3 22.9
100 12.7 10.2 15.4



#49
Dibromochloromethane
Concen: 46.641 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Tgt Ion: 129 Resp: 50313
Ion Ratio Lower Upper
129 100
127 79.3 54.3 100.9

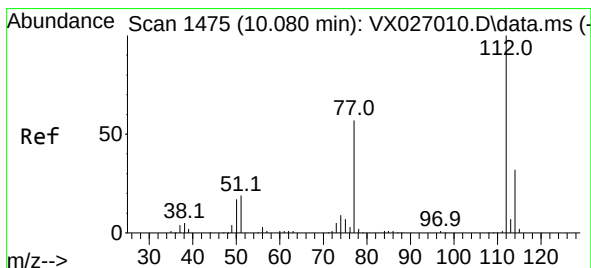
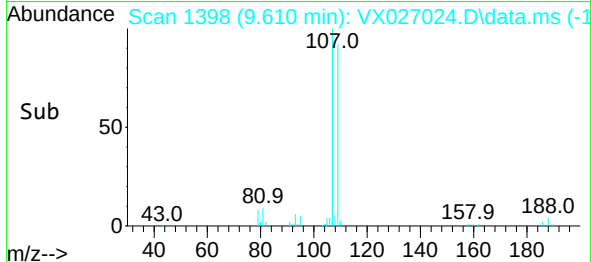
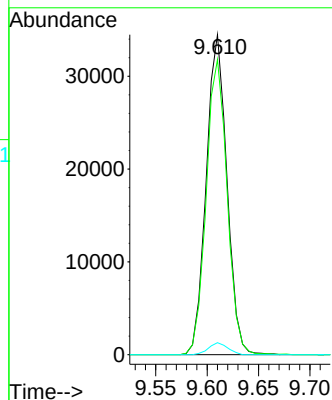
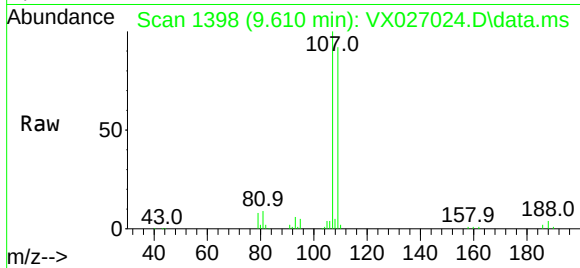




#50
1,2-Dibromoethane
Concen: 46.762 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

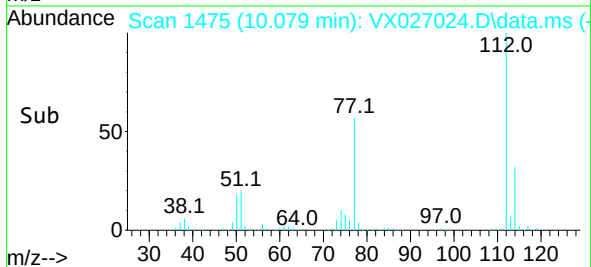
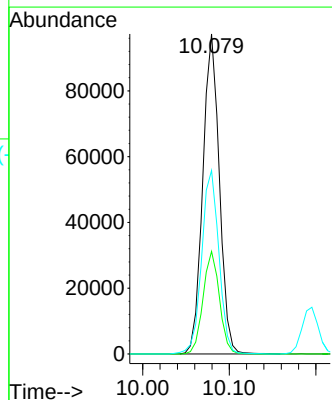
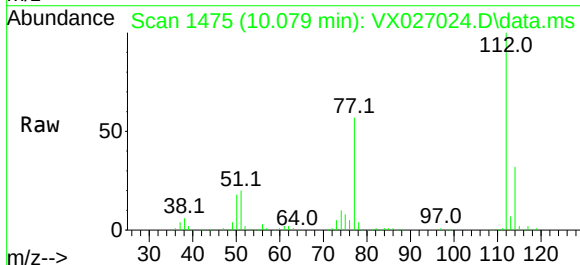
Instrument :
MSVOA_X
ClientSampleId :

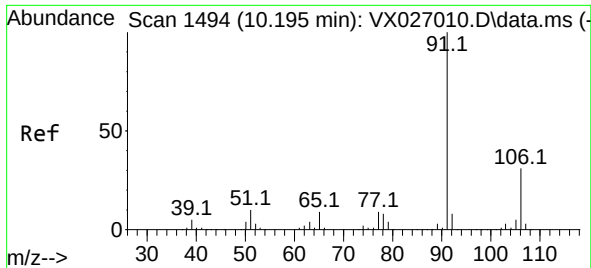
Tgt Ion:107 Resp: 48287
Ion Ratio Lower Upper
107 100
109 92.3 64.9 120.5
188 3.8 2.7 4.1



#51
Chlorobenzene
Concen: 47.007 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Tgt Ion:112 Resp: 129272
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 57.4 45.9 68.9

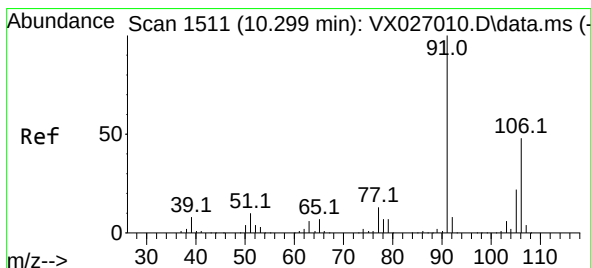
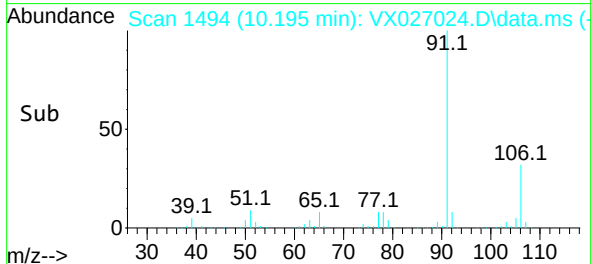
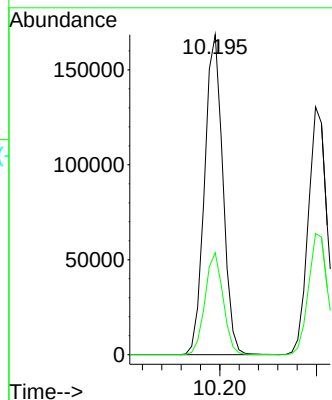
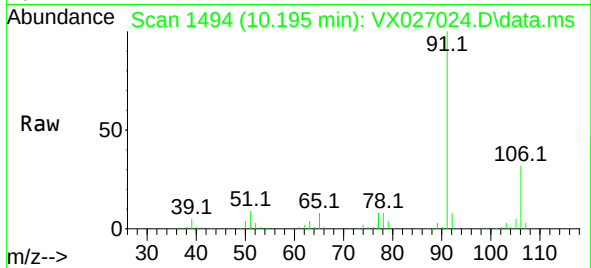




#52
Ethylbenzene
Concen: 47.905 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

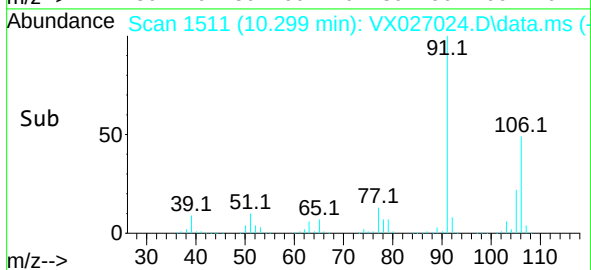
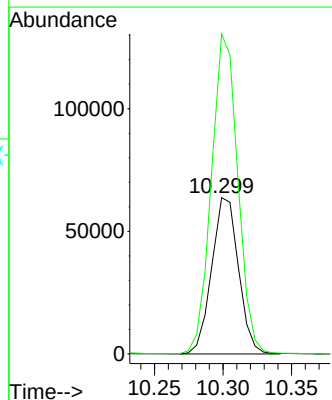
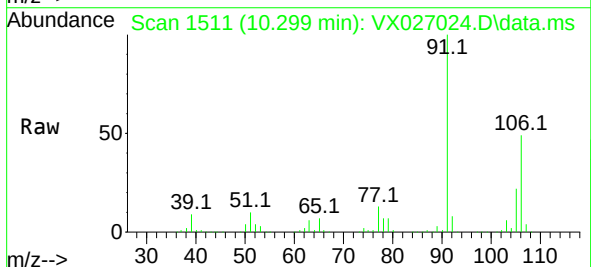
Instrument :
MSVOA_X
ClientSampleId :

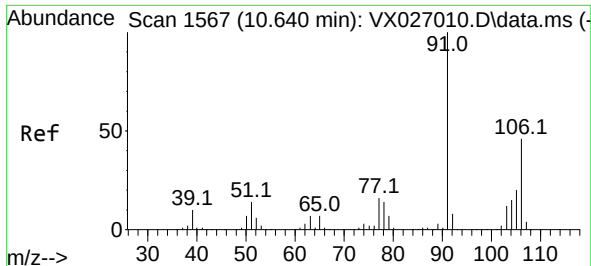
Tgt Ion: 91 Resp: 221301
Ion Ratio Lower Upper
91 100
106 31.8 21.7 40.3



#53
m,p-Xylene
Concen: 47.668 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Tgt Ion:106 Resp: 86815
Ion Ratio Lower Upper
106 100
91 204.6 145.7 270.5

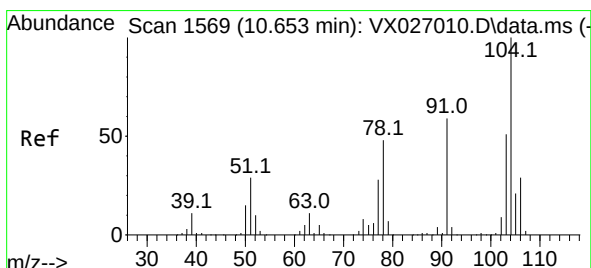
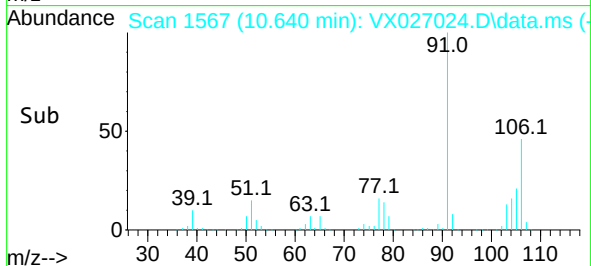
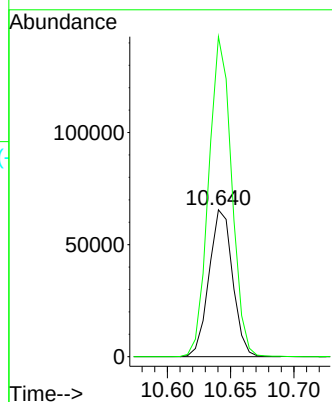
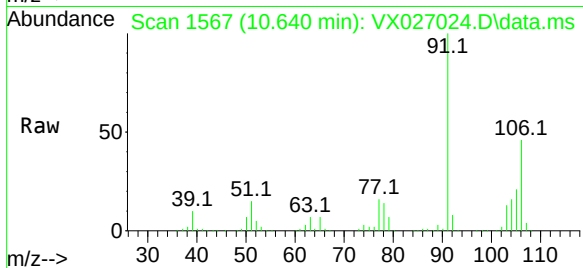




#54
o-Xylene
Concen: 48.816 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

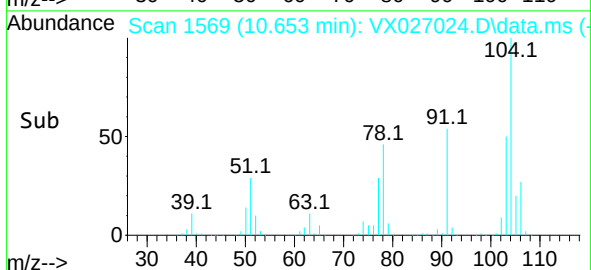
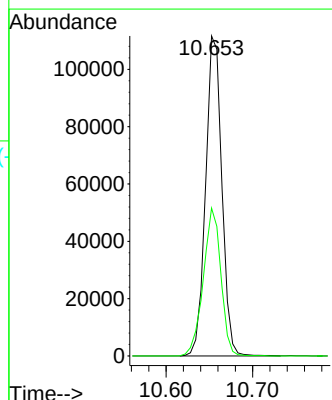
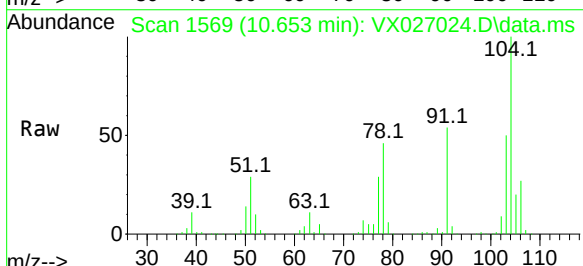
Instrument :
MSVOA_X
ClientSampleId :

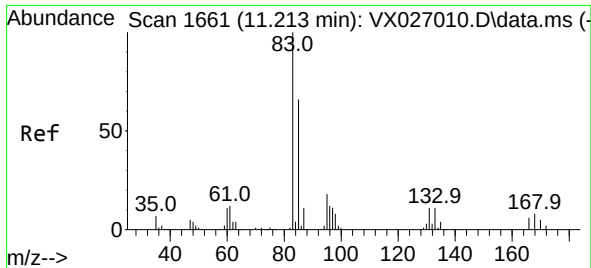
Tgt Ion:106 Resp: 85047
Ion Ratio Lower Upper
106 100
91 218.0 151.2 280.8



#55
Styrene
Concen: 49.334 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Tgt Ion:104 Resp: 145559
Ion Ratio Lower Upper
104 100
78 46.2 33.3 61.9

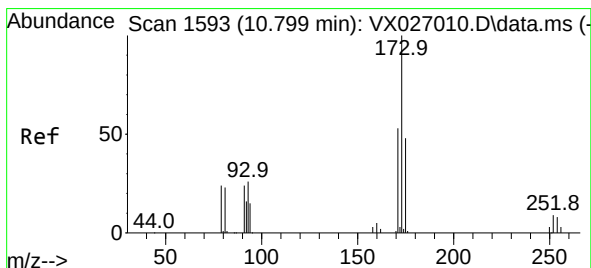
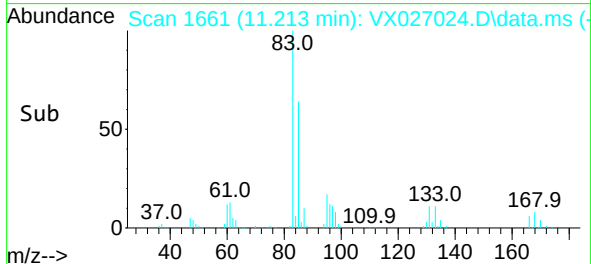
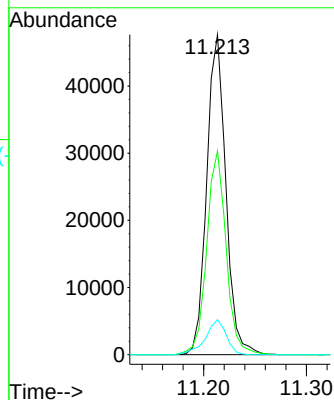
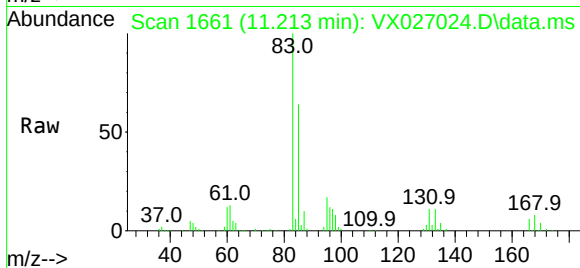




#57
1,1,2,2-Tetrachloroethane
Concen: 47.367 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

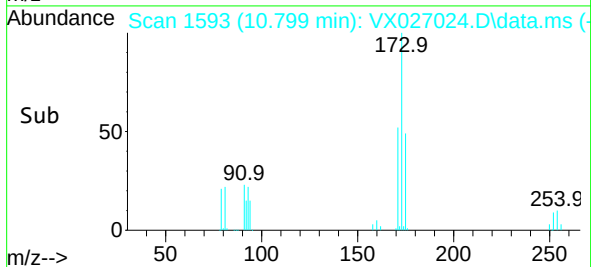
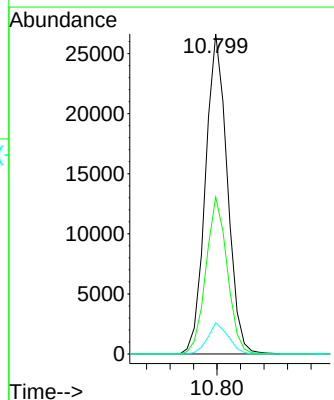
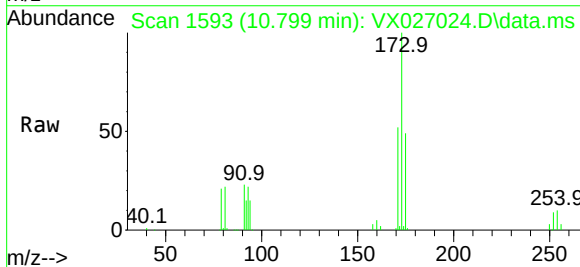
Instrument :
MSVOA_X
ClientSampleId :

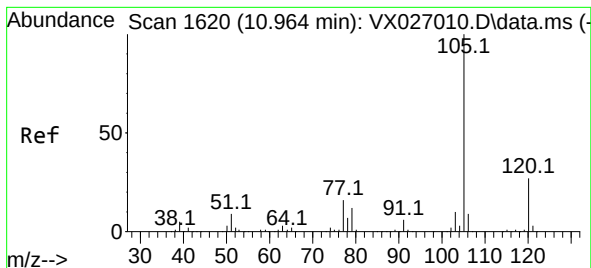
Tgt Ion: 83 Resp: 61695
Ion Ratio Lower Upper
83 100
85 63.6 45.8 85.2
131 11.0 8.5 12.7



#59
Bromoform
Concen: 46.350 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Tgt Ion: 173 Resp: 34326
Ion Ratio Lower Upper
173 100
175 47.9 38.9 58.3
254 9.2 7.0 10.6





#60

Isopropylbenzene

Concen: 48.043 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Instrument :

MSVOA_X

ClientSampleId :

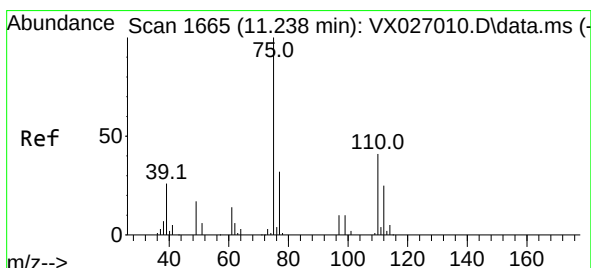
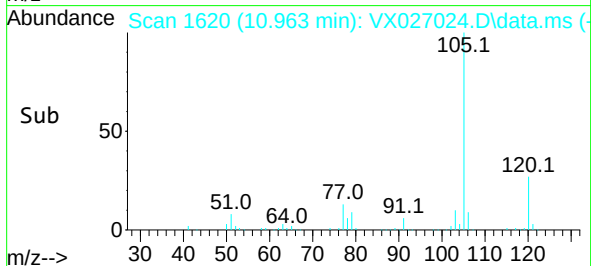
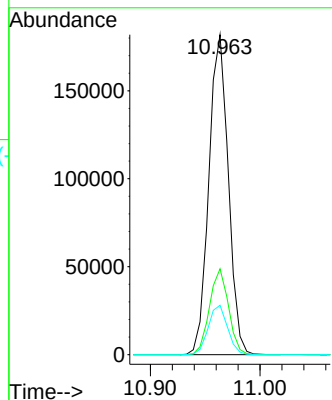
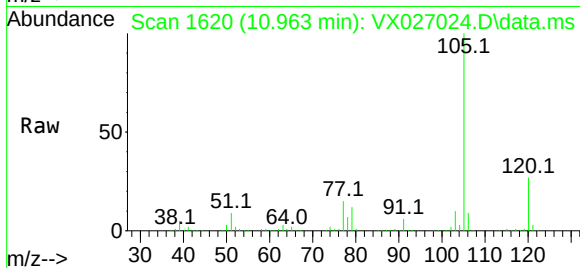
Tgt Ion:105 Resp: 224021

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

77 15.3 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 46.213 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

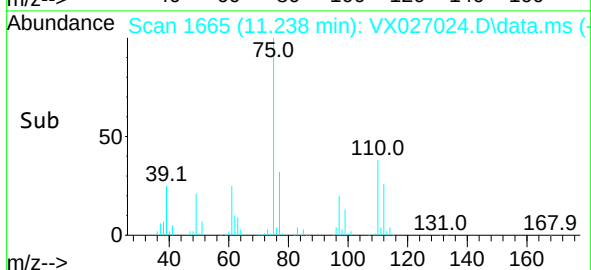
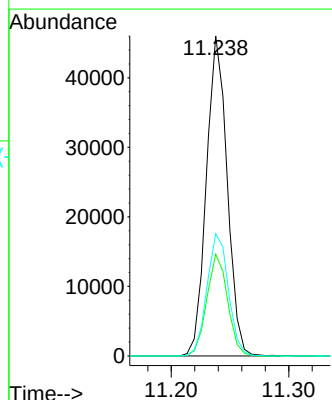
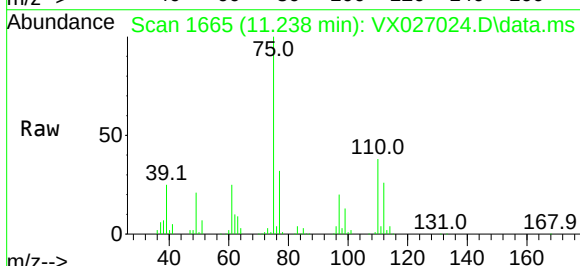
Tgt Ion: 75 Resp: 56571

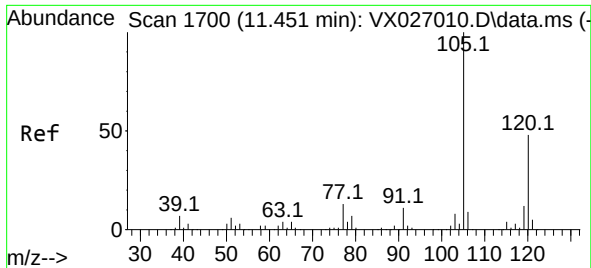
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

110 39.4 33.4 50.0

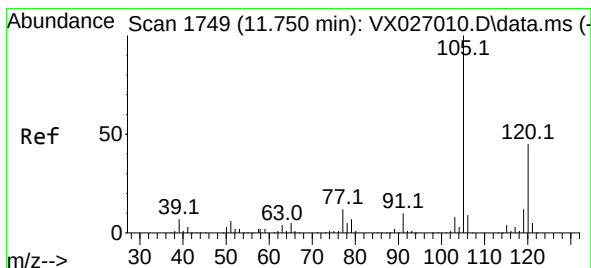
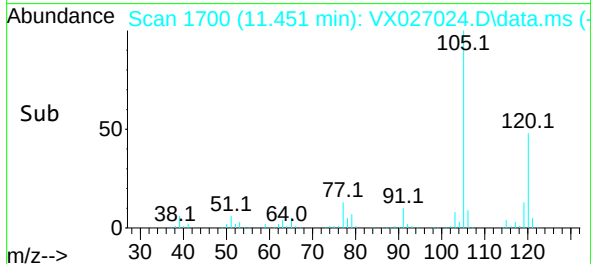
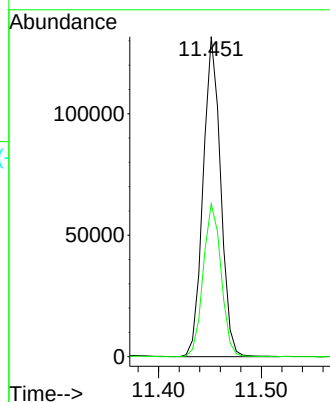
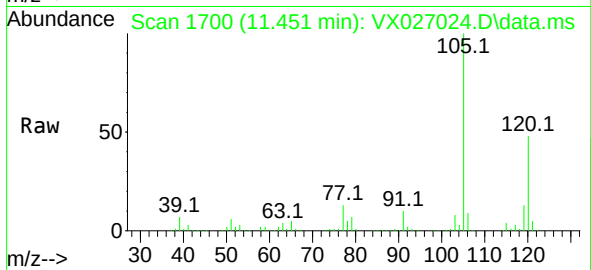




#62
 1,3,5-Trimethylbenzene
 Concen: 48.511 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX027024.D
 Acq: 15 Feb 2022 09:54

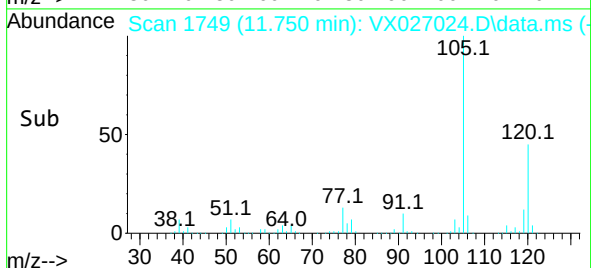
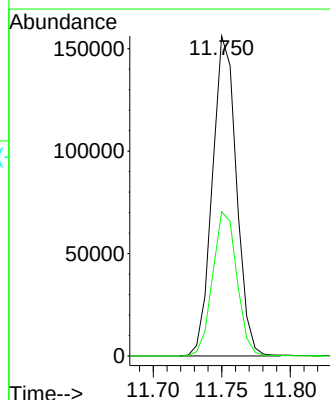
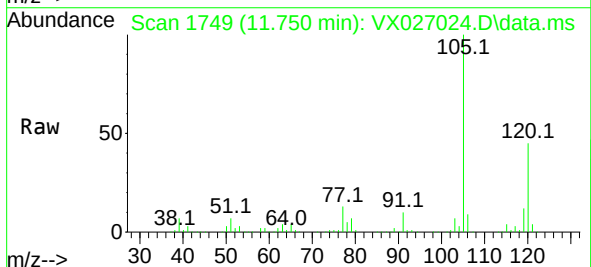
Instrument :
 MSVOA_X
 ClientSampleId :

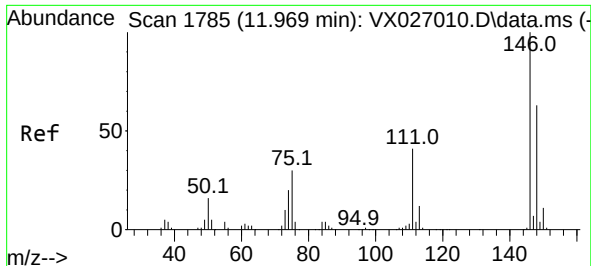
Tgt Ion:105 Resp: 156023
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 48.758 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX027024.D
 Acq: 15 Feb 2022 09:54

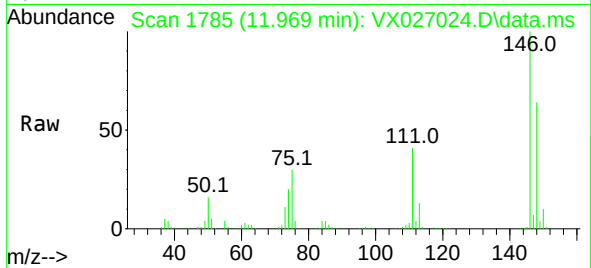
Tgt Ion:105 Resp: 190454
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.1 54.1



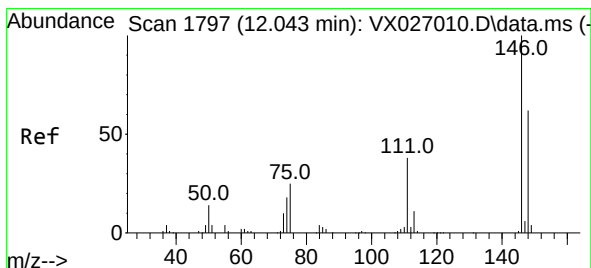
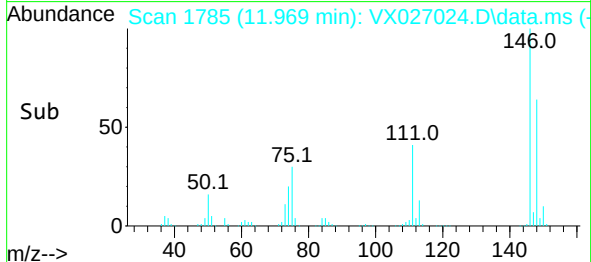
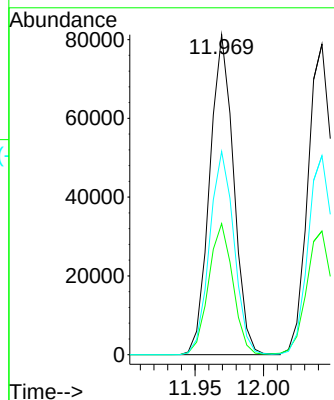


#64
1,3-Dichlorobenzene
Concen: 47.713 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Instrument :
MSVOA_X
ClientSampleId :

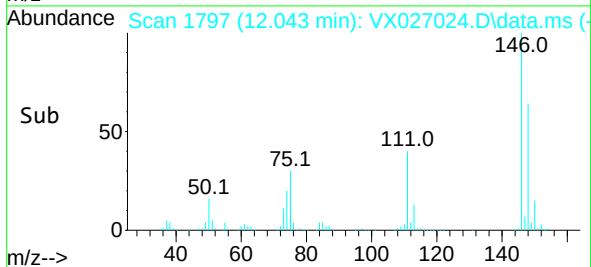
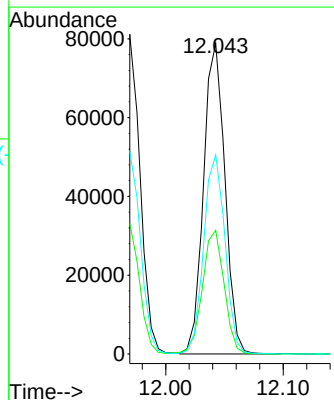
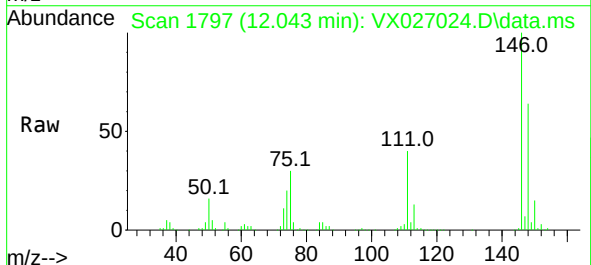


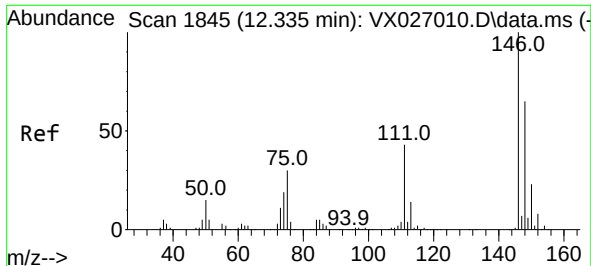
Tgt Ion:146 Resp: 98969
Ion Ratio Lower Upper
146 100
111 40.9 28.3 52.7
148 63.5 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 47.654 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Tgt Ion:146 Resp: 99471
Ion Ratio Lower Upper
146 100
111 39.8 26.5 49.3
148 64.1 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 47.916 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

Instrument :

MSVOA_X

ClientSampleId :

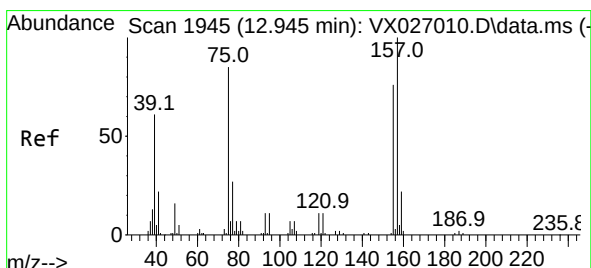
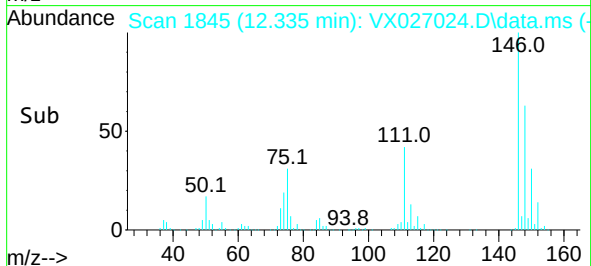
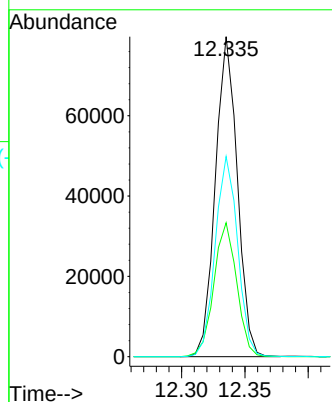
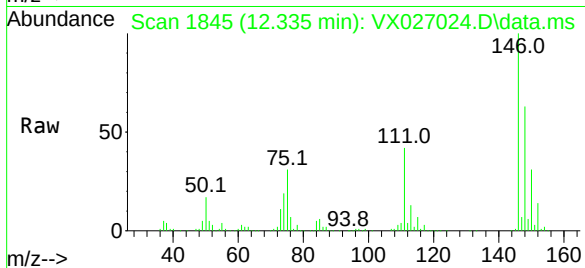
Tgt Ion:146 Resp: 96094

Ion Ratio Lower Upper

146 100

111 41.8 34.5 51.7

148 62.5 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 45.892 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX027024.D

Acq: 15 Feb 2022 09:54

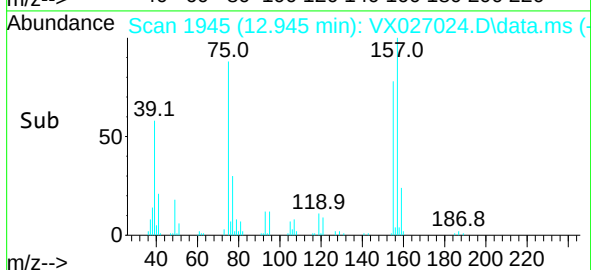
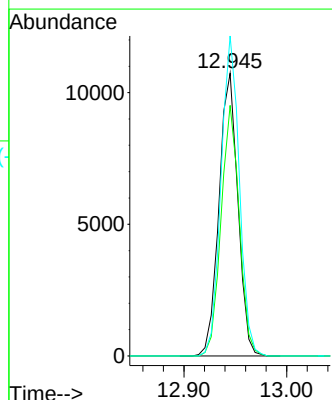
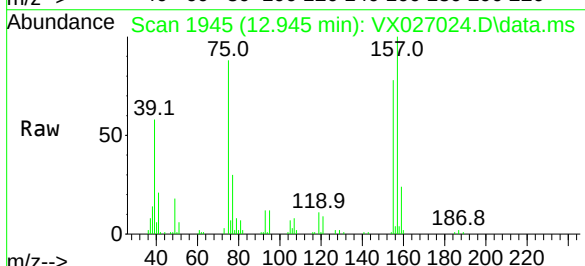
Tgt Ion: 75 Resp: 13642

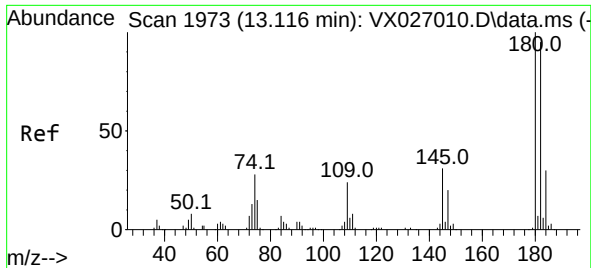
Ion Ratio Lower Upper

75 100

155 88.6 71.6 107.4

157 113.2 93.8 140.6

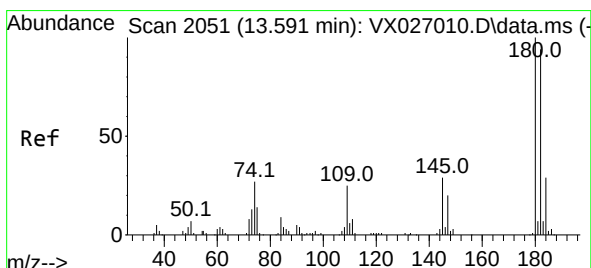
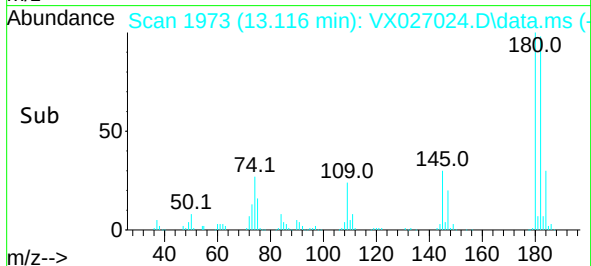
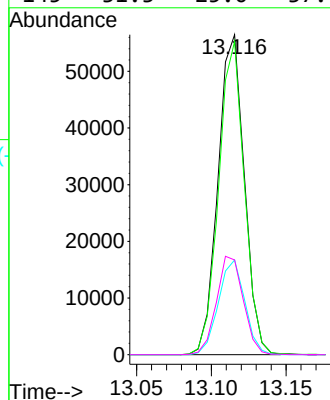
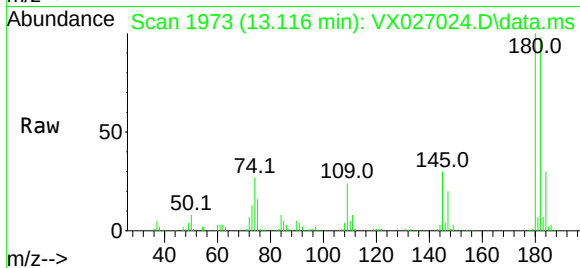




#69
 1,3,5-Trichlorobenzene
 Concen: 48.517 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX027024.D
 Acq: 15 Feb 2022 09:54

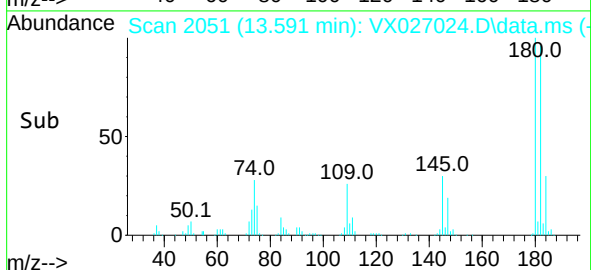
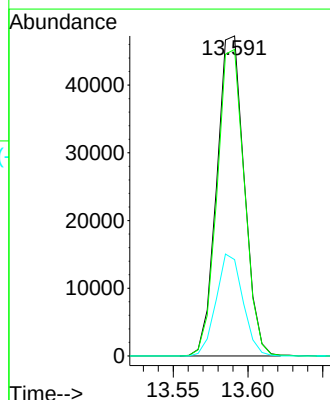
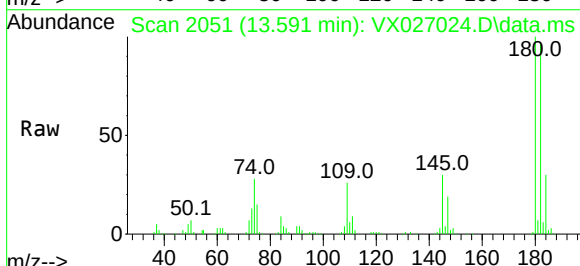
Instrument :
 MSVOA_X
 ClientSampleId :

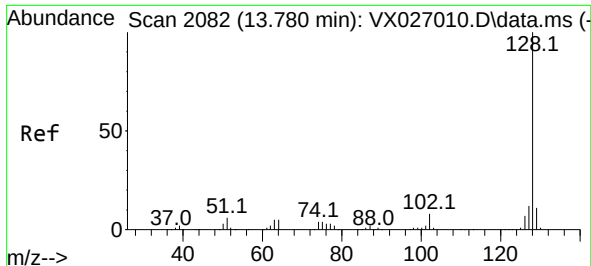
Tgt Ion:180 Resp: 69158
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.6 113.4
 184 29.8 23.6 35.4
 145 31.3 25.0 37.4



#70
 1,2,4-trichlorobenzene
 Concen: 47.887 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX027024.D
 Acq: 15 Feb 2022 09:54

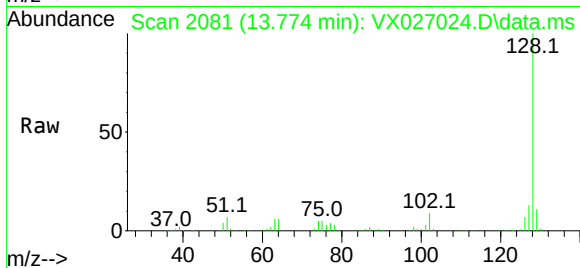
Tgt Ion:180 Resp: 60264
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.4 113.2
 145 31.1 25.0 37.4



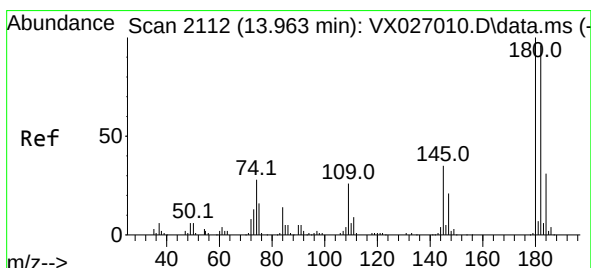
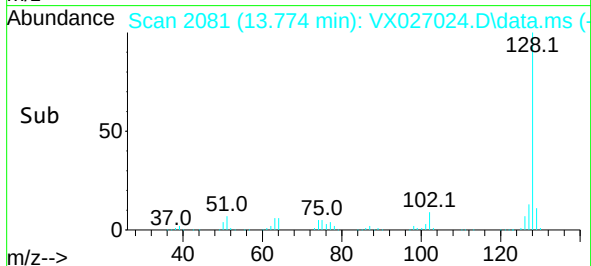
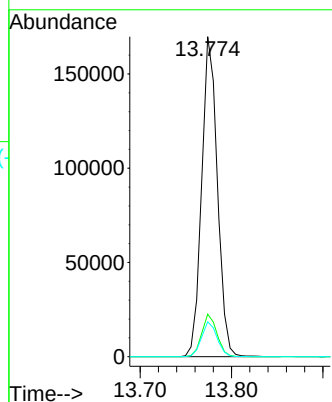


#71
Naphthalene
Concen: 48.287 ug/L
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 202333
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 47.331 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027024.D
Acq: 15 Feb 2022 09:54

Tgt Ion:180 Resp: 59556
Ion Ratio Lower Upper
180 100
182 94.7 77.0 115.4
145 34.3 27.4 41.0

