

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110121\
 Data File : VX025038.D
 Acq On : 01 Nov 2021 18:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 03:31:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 02 03:29:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	162390	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	149214	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75980	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	37790	36.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.020%
7) Chloroethane-d5	1.666	69	28585	40.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.306	63	110338	43.257	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.520%
21) 2-Butanone-d5	4.465	46	92962	89.909	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.910%
24) Chloroform-d	5.068	84	134772	49.758	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	5.958	65	92365	46.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.000%
32) Benzene-d6	5.976	84	210834	49.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.560%
36) 1,2-Dichloropropane-d6	7.312	67	70252	48.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.340%
41) Toluene-d8	8.653	98	209436	51.689	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.380%
43) trans-1,3-Dichloroprop...	8.952	79	40891	49.299	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.600%
47) 2-Hexanone-d5	9.384	63	74247	101.036	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.040%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	103000	52.774	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.540%
66) 1,2-Dichlorobenzene-d4	12.323	152	77410	52.504	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	70303	46.123	ug/L	99
3) Chloromethane	1.288	50	37120	35.022	ug/L	90
5) Vinyl chloride	1.374	62	45252	37.948	ug/L	97
6) Bromomethane	1.611	94	30363	39.575	ug/L	100
8) Chloroethane	1.685	64	26074	43.275	ug/L	97
9) Trichlorofluoromethane	1.886	101	110594	41.779	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	58144	48.424	ug/L	95
12) 1,1-Dichloroethene	2.319	96	47502	47.028	ug/L	77
13) Acetone	2.386	43	65636	66.786	ug/L	94
14) Carbon disulfide	2.514	76	118525	43.292	ug/L	99
15) Methyl Acetate	2.709	43	59737	42.042	ug/L #	80
16) Methylene chloride	2.794	84	53480	46.761	ug/L #	81
17) trans-1,2-Dichloroethene	3.093	96	49649	48.003	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	208603	48.840	ug/L	93
19) 1,1-Dichloroethane	3.617	63	110360	45.919	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	59443	50.873	ug/L	74
22) 2-Butanone	4.568	43	94797	78.358	ug/L	80
23) Bromochloromethane	4.910	128	30079	51.527	ug/L #	74
25) Chloroform	5.105	83	131527	49.176	ug/L	100

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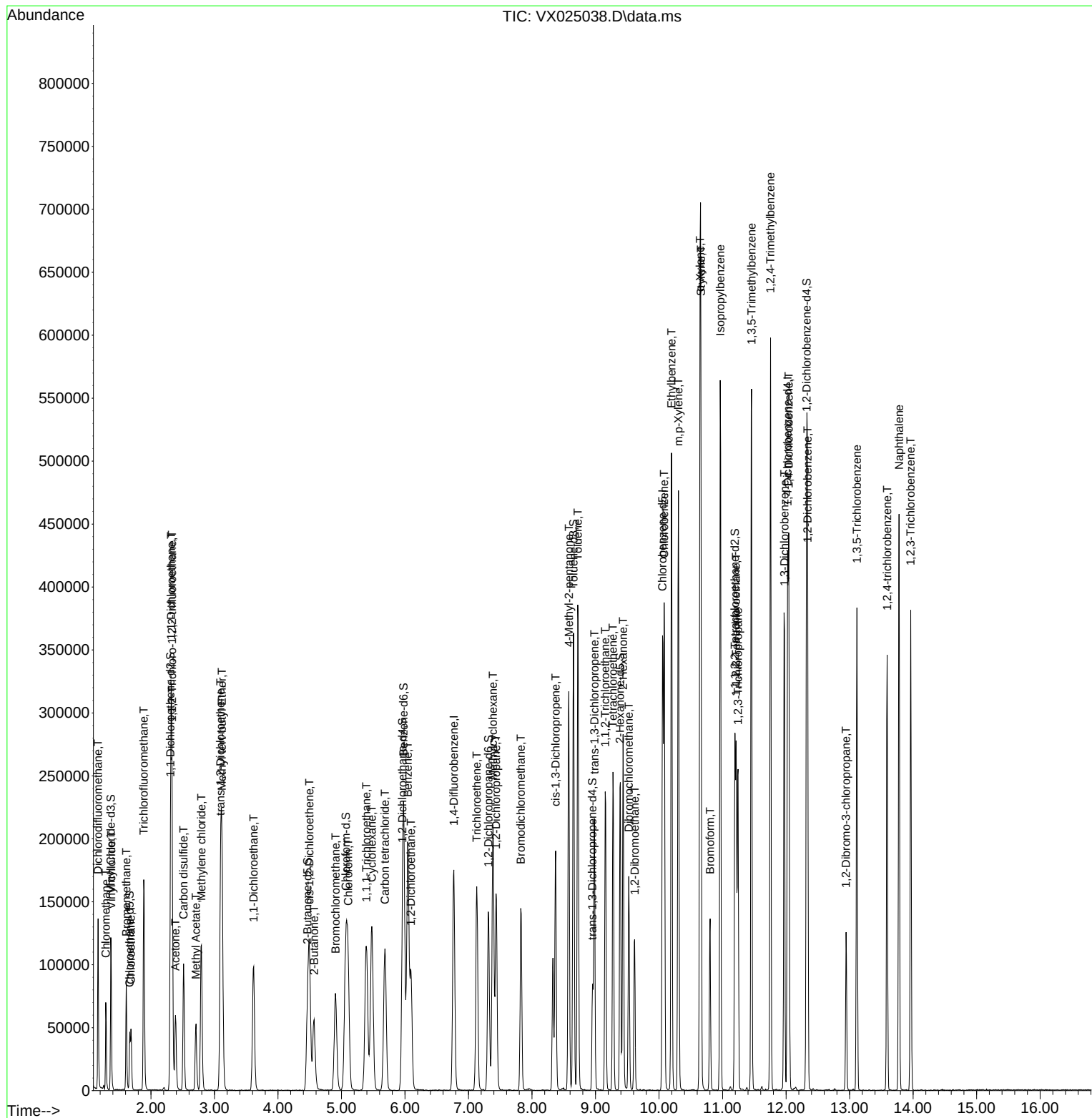
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	109392	46.263	ug/L	100
29) Cyclohexane	5.477	56	90613	44.790	ug/L #	80
30) 1,1,1-Trichloroethane	5.391	97	124686	48.308	ug/L	95
31) Carbon tetrachloride	5.684	117	110677	50.626	ug/L	97
33) Benzene	6.044	78	226309	48.987	ug/L	100
34) Trichloroethene	7.129	95	66308	47.576	ug/L	98
35) Methylcyclohexane	7.385	83	94281	46.880	ug/L	90
37) 1,2-Dichloropropane	7.434	63	60995	46.409	ug/L #	92
38) Bromodichloromethane	7.824	83	96767	48.191	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	106353	49.790	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	178760	87.581	ug/L #	84
42) Toluene	8.720	91	248715	49.198	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	108117	49.160	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	60855	49.460	ug/L	94
46) Tetrachloroethene	9.275	164	43694	50.225	ug/L	96
48) 2-Hexanone	9.433	43	138873	82.320	ug/L #	86
49) Dibromochloromethane	9.525	129	73450	53.033	ug/L	98
50) 1,2-Dibromoethane	9.616	107	67843	49.979	ug/L	95
51) Chlorobenzene	10.079	112	151852	50.229	ug/L	90
52) Ethylbenzene	10.195	91	290286	49.759	ug/L	97
53) m,p-Xylene	10.305	106	100432	50.050	ug/L	98
54) o-Xylene	10.646	106	98179	50.050	ug/L	97
55) Styrene	10.659	104	168530	50.797	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	98394	49.695	ug/L	94
59) Bromoform	10.805	173	47193	50.426	ug/L	96
60) Isopropylbenzene	10.963	105	285938	49.374	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	85041	45.950	ug/L	94
62) 1,3,5-Trimethylbenzene	11.457	105	250395	49.922	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	249117	49.544	ug/L	98
64) 1,3-Dichlorobenzene	11.975	146	115681	51.328	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	113620	48.747	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	117221	50.915	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	28197	46.720	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	82182	50.771	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	71000	51.746	ug/L	99
71) Naphthalene	13.780	128	266271	56.113	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	75635	53.604	ug/L	98

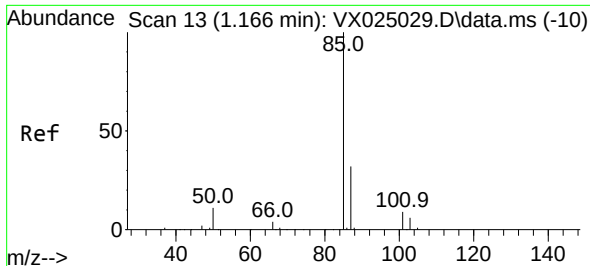
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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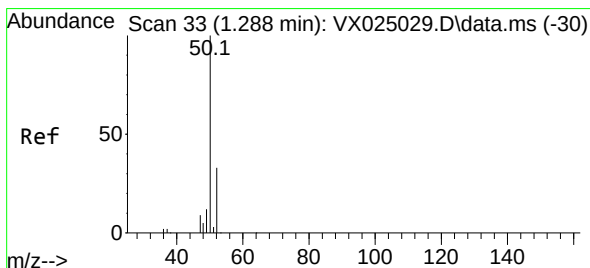
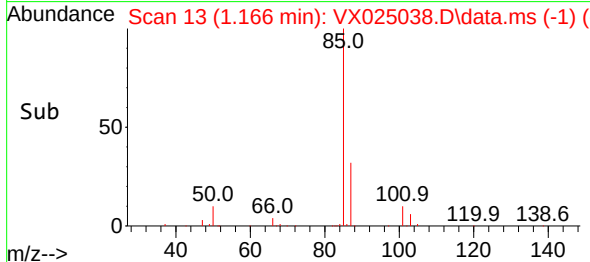
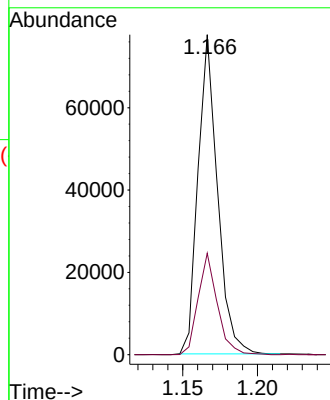
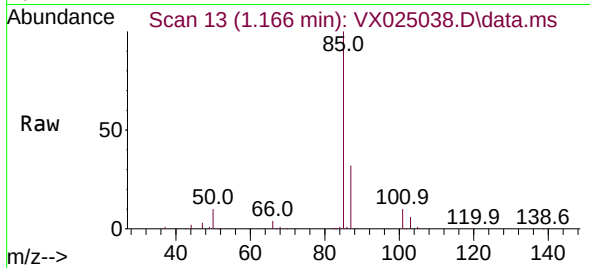




#2
 Dichlorodifluoromethane
 Concen: 46.123 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025038.D
 Acq: 01 Nov 2021 18:57

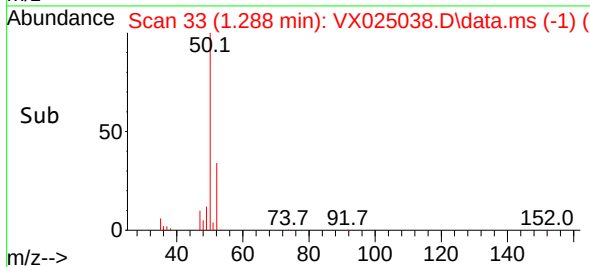
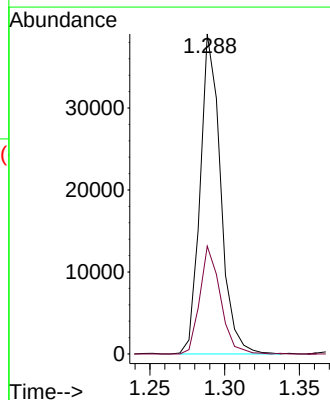
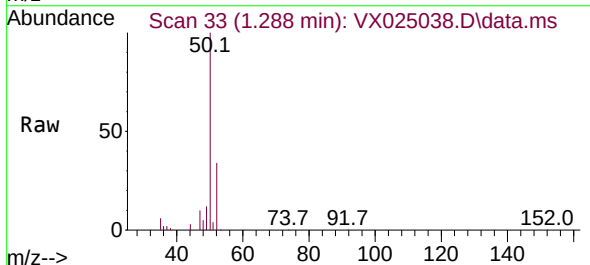
Instrument :
 MSVOA_X
 ClientSampleId :

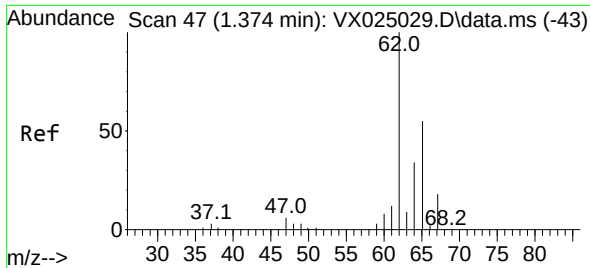
Tgt Ion: 85 Resp: 70303
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.3 37.9



#3
 Chloromethane
 Concen: 35.022 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: VX025038.D
 Acq: 01 Nov 2021 18:57

Tgt Ion: 50 Resp: 37120
 Ion Ratio Lower Upper
 50 100
 52 33.7 28.0 52.0

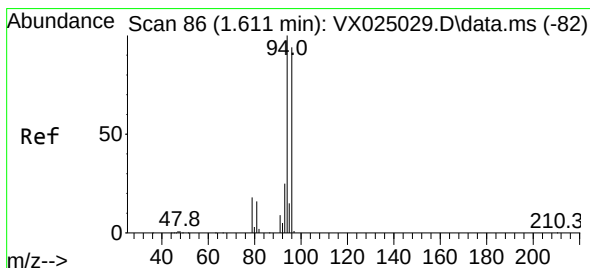
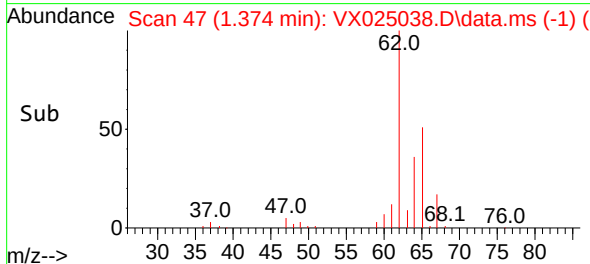
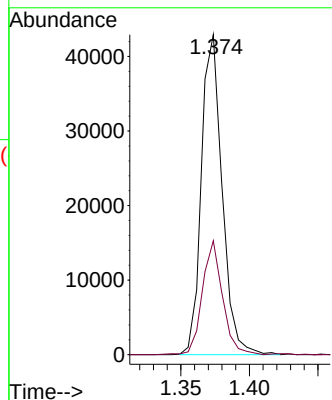
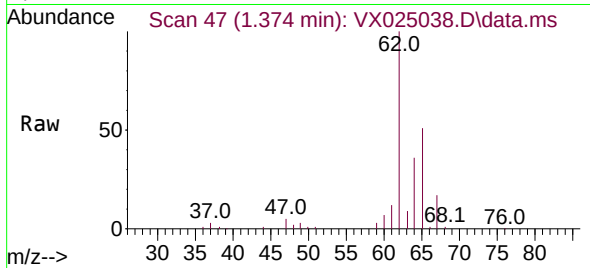




#5
 Vinyl chloride
 Concen: 37.948 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025038.D
 Acq: 01 Nov 2021 18:57

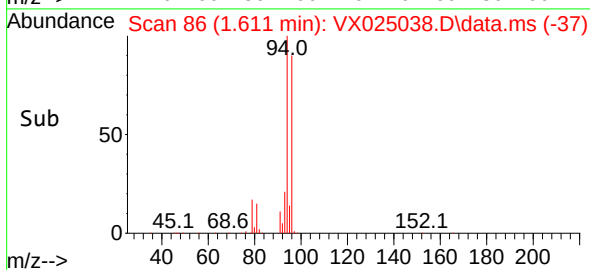
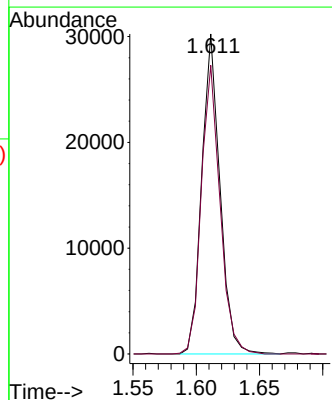
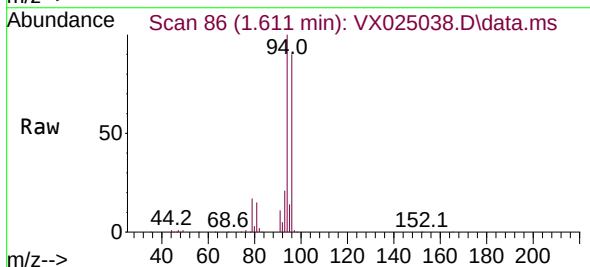
Instrument :
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 ClientSampleId :

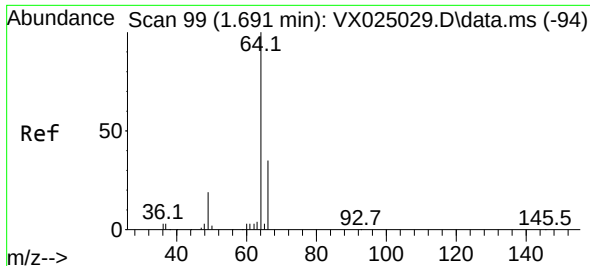
Tgt Ion: 62 Resp: 45252
 Ion Ratio Lower Upper
 62 100
 64 35.6 23.6 43.8



#6
 Bromomethane
 Concen: 39.575 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX025038.D
 Acq: 01 Nov 2021 18:57

Tgt Ion: 94 Resp: 30363
 Ion Ratio Lower Upper
 94 100
 96 90.2 62.9 116.9

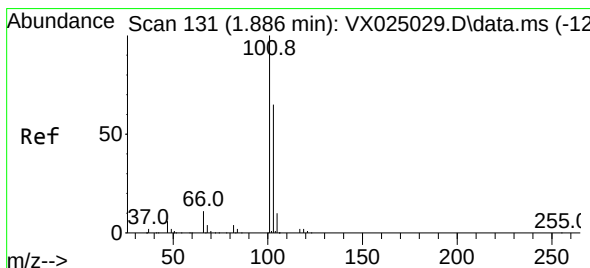
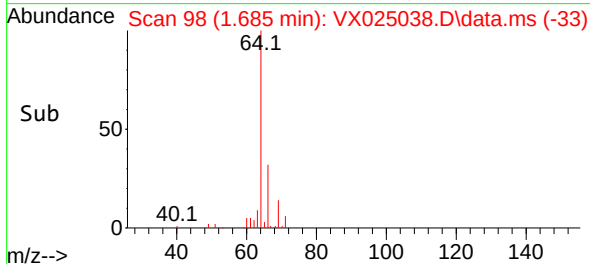
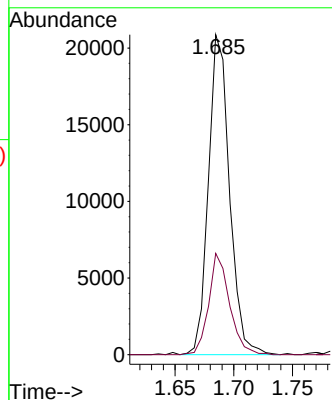
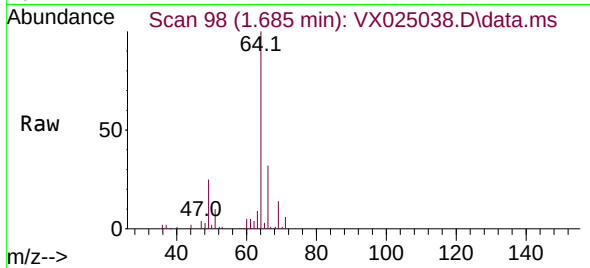




#8
Chloroethane
Concen: 43.275 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

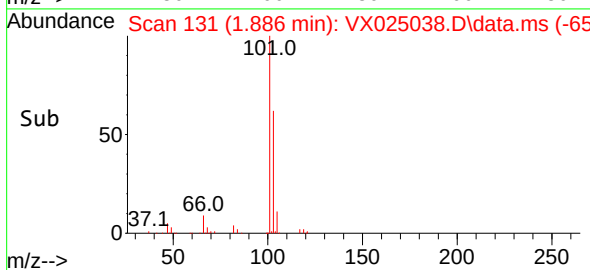
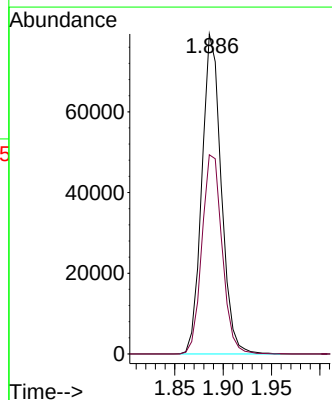
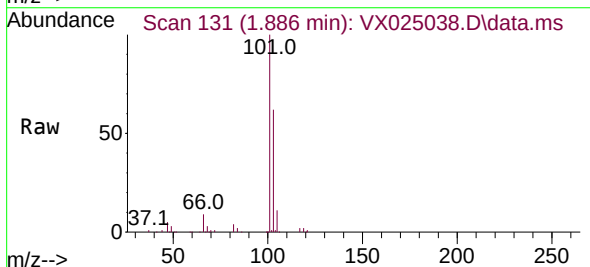
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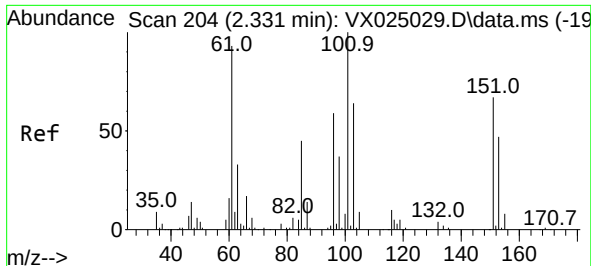
Tgt Ion: 64 Resp: 26074
Ion Ratio Lower Upper
64 100
66 31.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 41.779 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Tgt Ion: 101 Resp: 110594
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

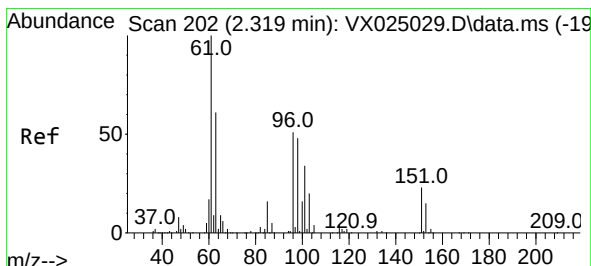
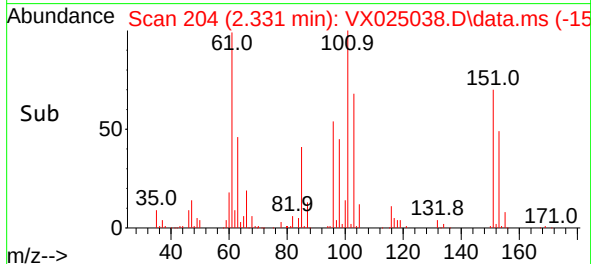
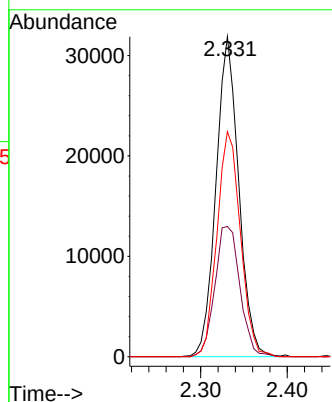
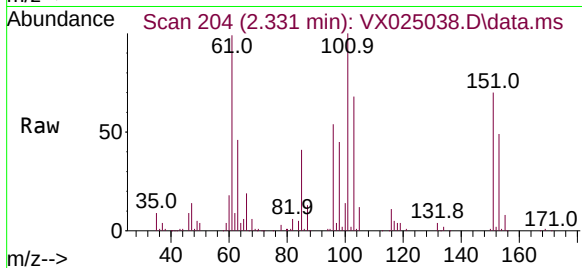




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.424 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX025038.D
 Acq: 01 Nov 2021 18:57

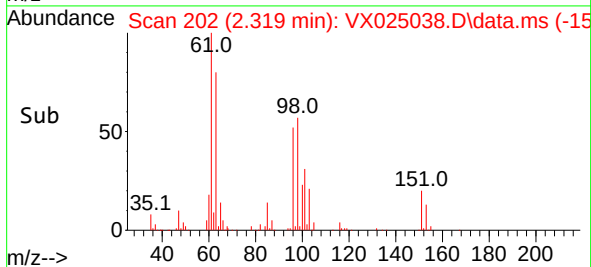
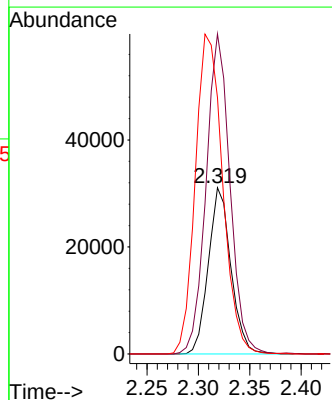
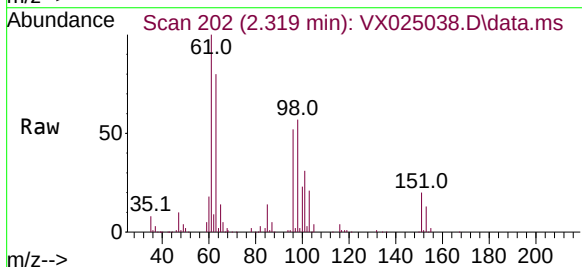
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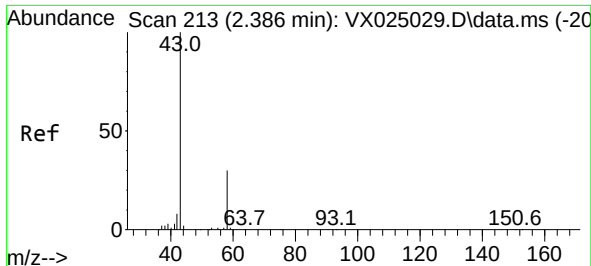
Tgt Ion:101 Resp: 58144
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.3 52.9
 151 72.3 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 47.028 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX025038.D
 Acq: 01 Nov 2021 18:57

Tgt Ion: 96 Resp: 47502
 Ion Ratio Lower Upper
 96 100
 61 192.4 109.9 204.1
 63 154.2 92.4 171.6





#13

Acetone

Concen: 66.786 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

Instrument :

MSVOA_X

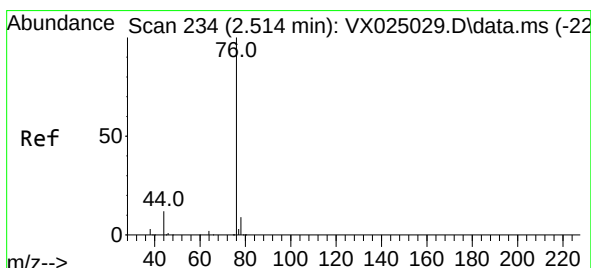
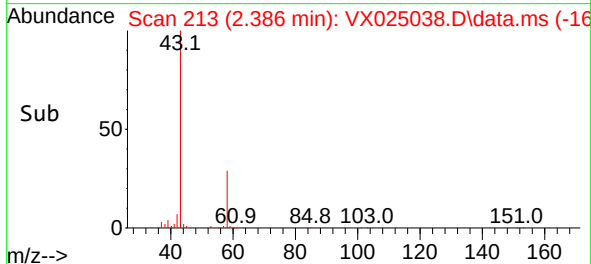
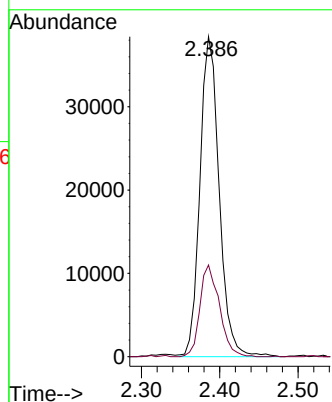
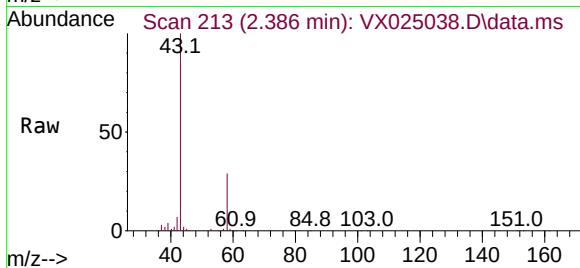
ClientSampleId :

Tgt Ion: 43 Resp: 65636

Ion Ratio Lower Upper

43 100

58 29.0 0.0 64.8



#14

Carbon disulfide

Concen: 43.292 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX025038.D

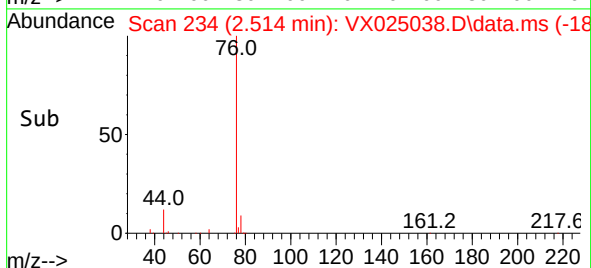
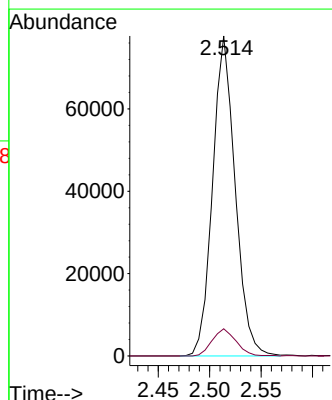
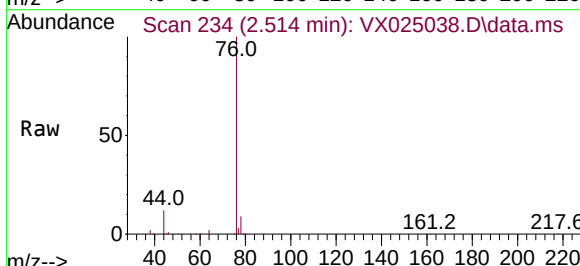
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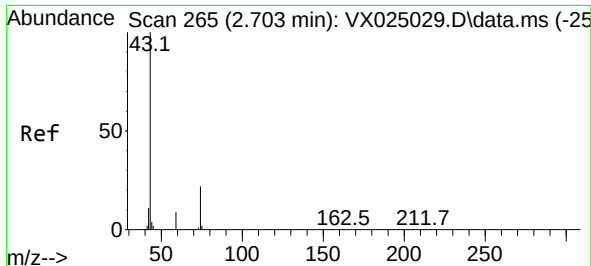
Tgt Ion: 76 Resp: 118525

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8

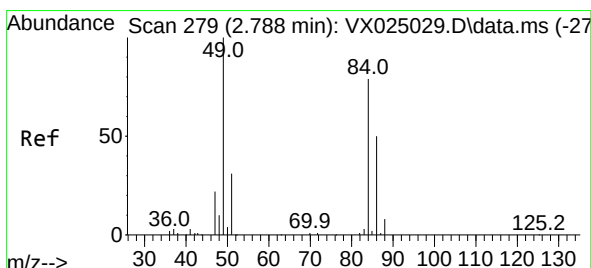
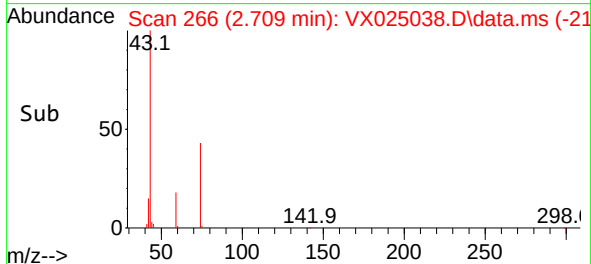
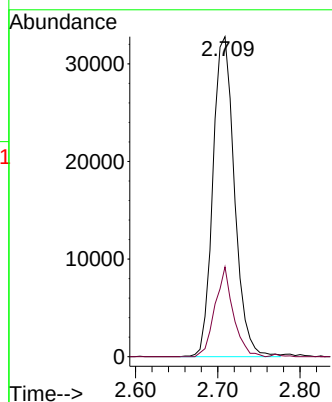
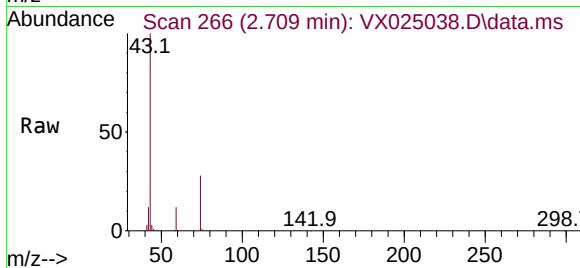




#15
Methyl Acetate
Concen: 42.042 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

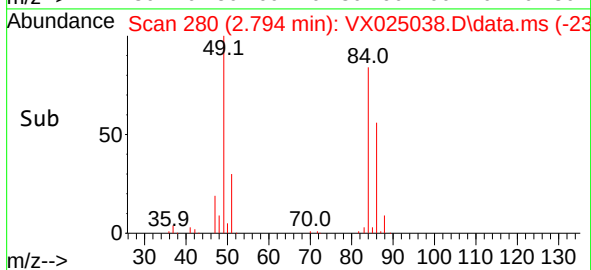
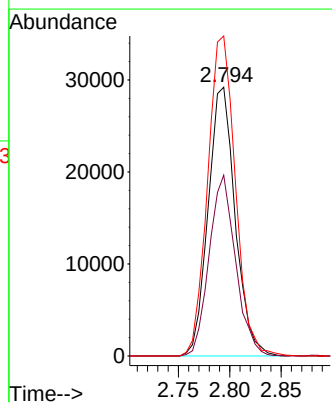
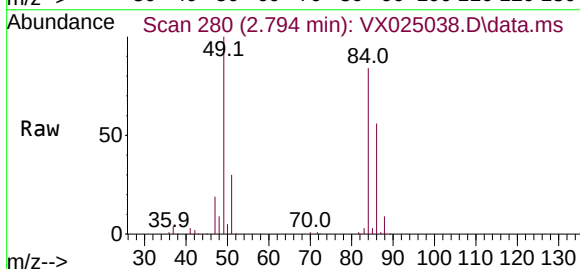
Instrument :
MSVOA_X
ClientSampleId :

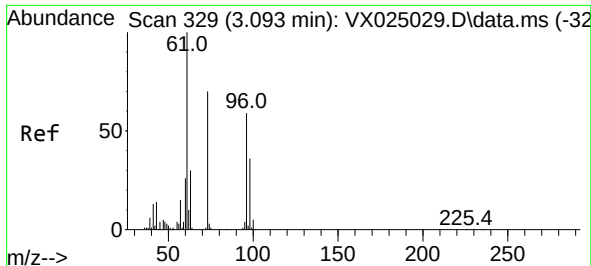
Tgt Ion: 43 Resp: 59737
Ion Ratio Lower Upper
43 100
74 23.9 28.6 42.8#



#16
Methylene chloride
Concen: 46.761 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Tgt Ion: 84 Resp: 53480
Ion Ratio Lower Upper
84 100
86 67.3 44.4 82.5
49 119.0 64.0 118.8#

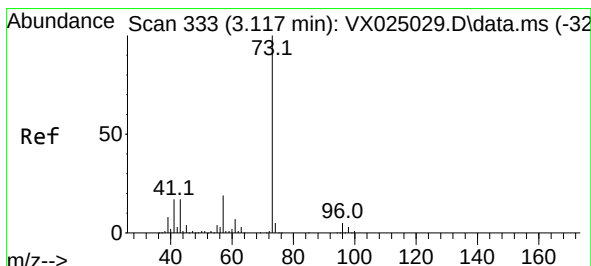
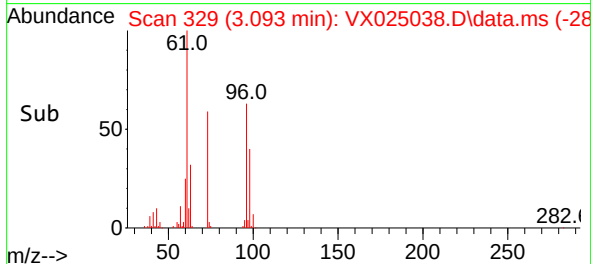
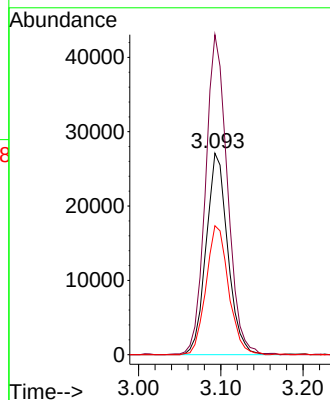
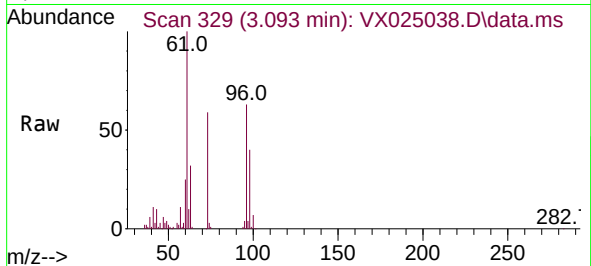




#17
trans-1,2-Dichloroethene
Concen: 48.003 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

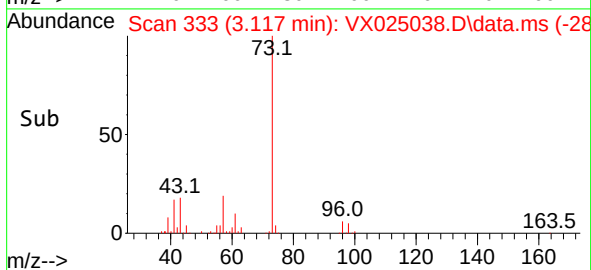
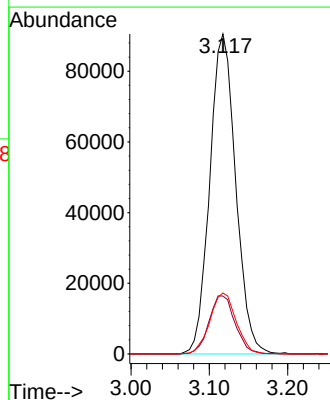
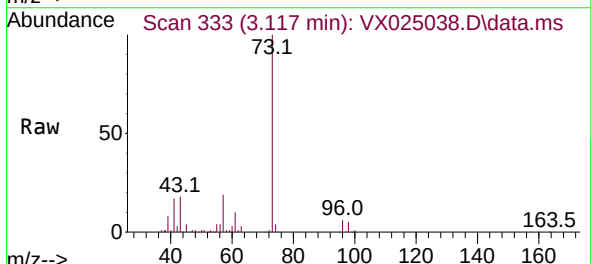
Instrument :
MSVOA_X
ClientSampleId :

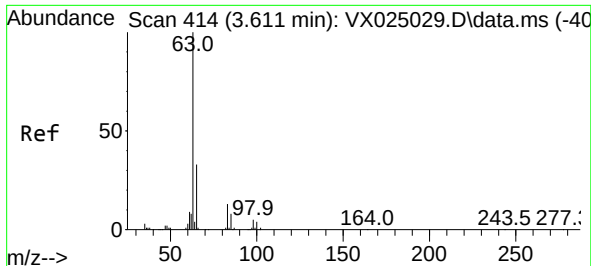
Tgt Ion: 96 Resp: 49649
Ion Ratio Lower Upper
96 100
61 158.9 99.4 184.6
98 64.0 47.0 87.2



#18
Methyl tert-butyl Ether
Concen: 48.840 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Tgt Ion: 73 Resp: 208603
Ion Ratio Lower Upper
73 100
43 18.3 12.4 18.6
57 19.3 13.2 19.8





#19

1,1-Dichloroethane

Concen: 45.919 ug/L

RT: 3.617 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

Instrument :

MSVOA_X

ClientSampleId :

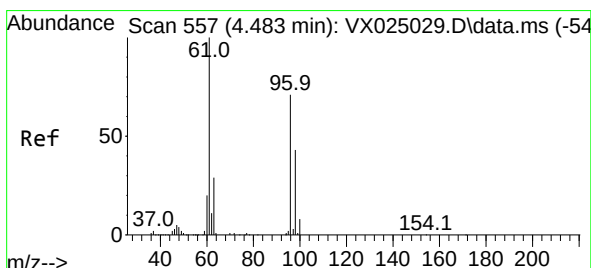
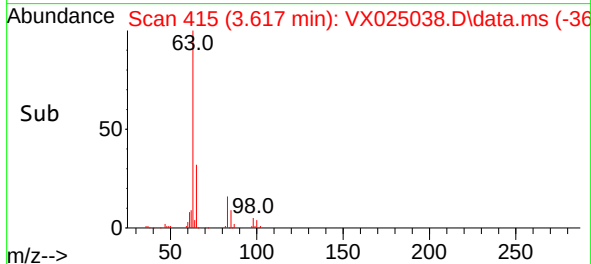
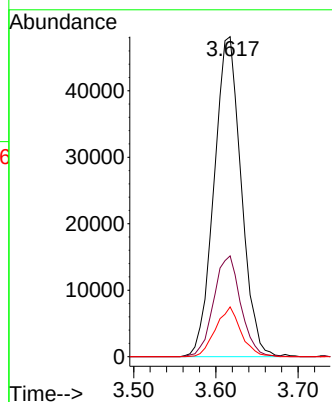
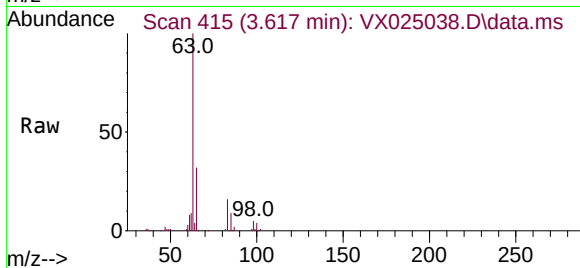
Tgt Ion: 63 Resp: 110360

Ion Ratio Lower Upper

63 100

65 31.5 24.5 45.5

83 15.5 11.7 21.7



#20

cis-1,2-Dichloroethene

Concen: 50.873 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.012 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

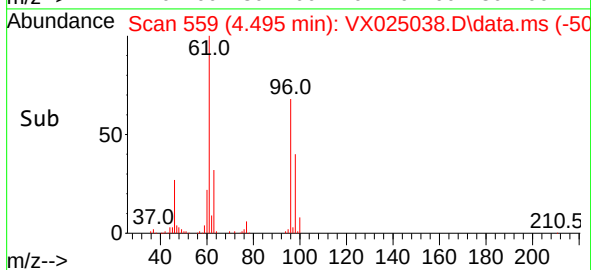
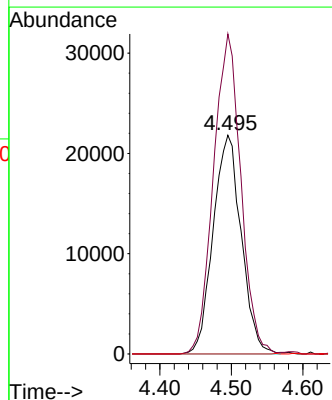
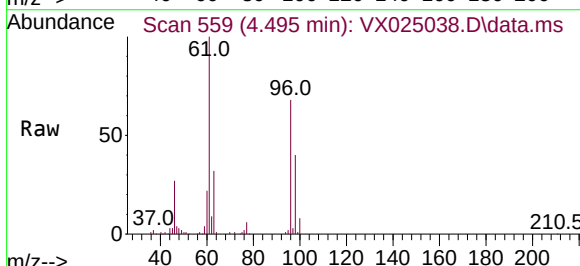
Tgt Ion: 96 Resp: 59443

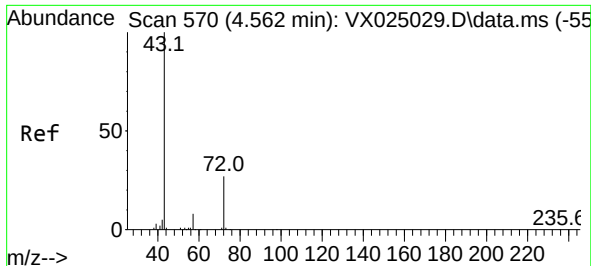
Ion Ratio Lower Upper

96 100

61 146.3 82.6 153.4

68 0.0 0.0 0.0

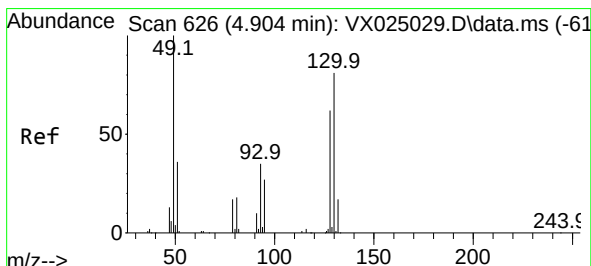
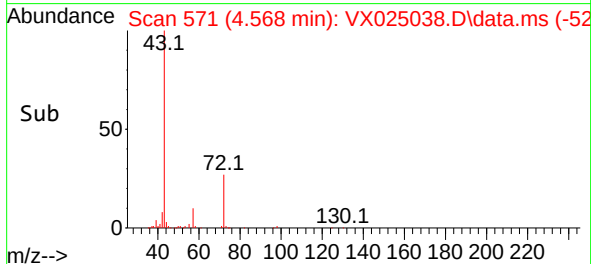
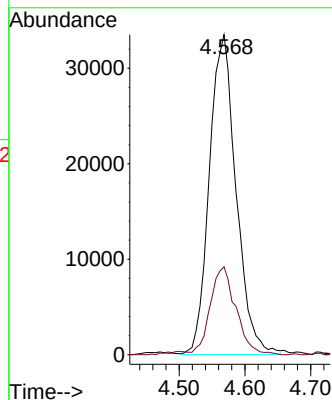
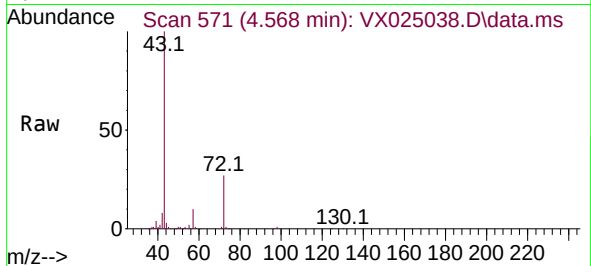




#22
2-Butanone
Concen: 78.358 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

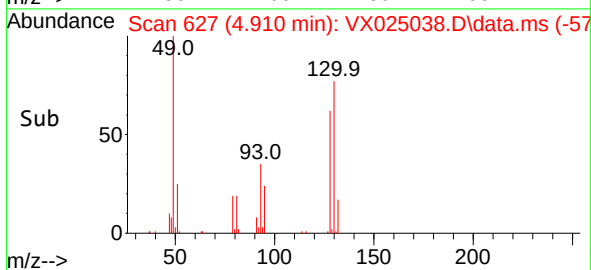
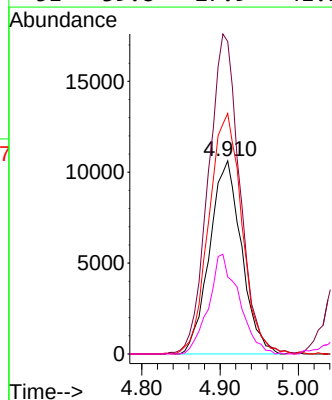
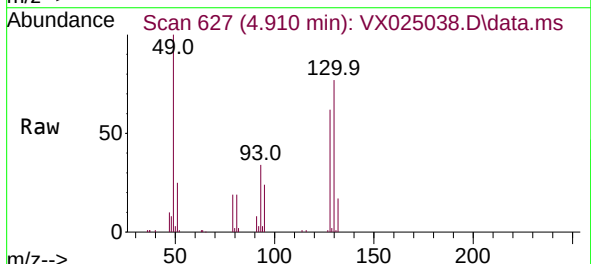
Instrument :
MSVOA_X
ClientSampleId :

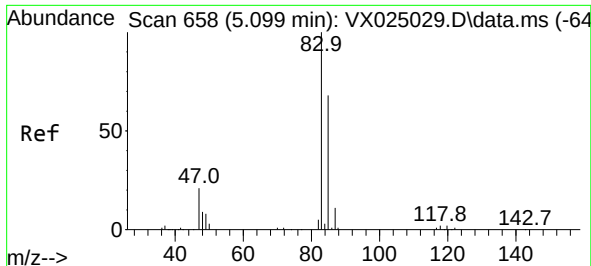
Tgt Ion: 43 Resp: 94797
Ion Ratio Lower Upper
43 100
72 25.0 18.4 55.0



#23
Bromochloromethane
Concen: 51.527 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Tgt Ion: 128 Resp: 30079
Ion Ratio Lower Upper
128 100
49 161.8 71.5 132.7#
130 124.5 84.3 156.5
51 39.8 27.9 41.9

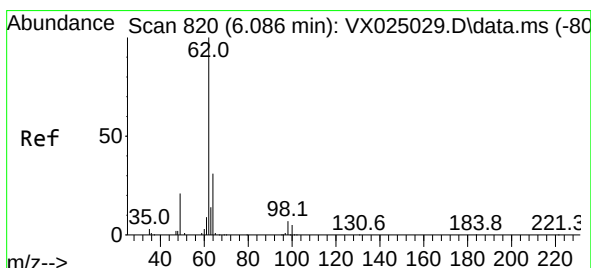
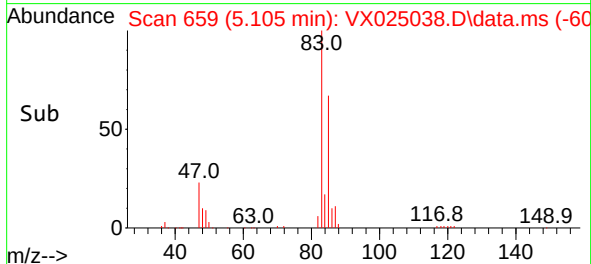
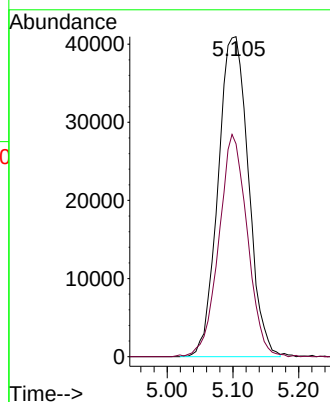
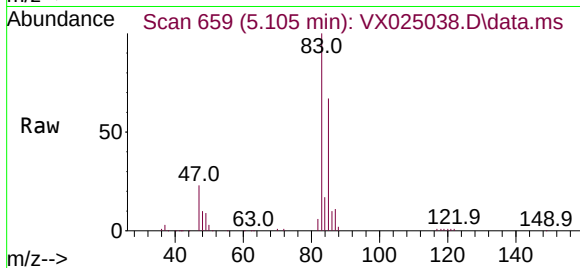




#25
Chloroform
Concen: 49.176 ug/L
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

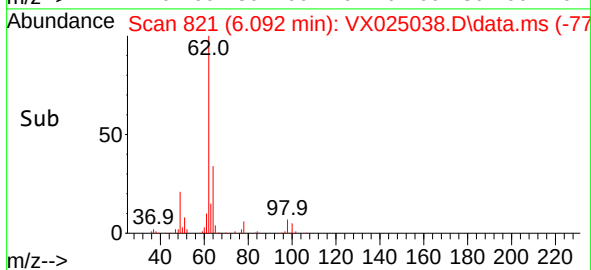
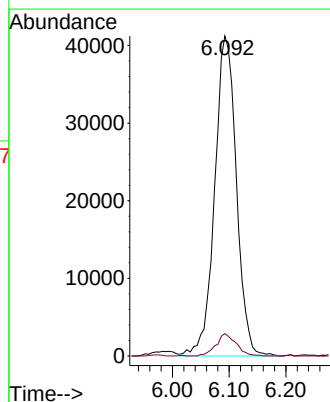
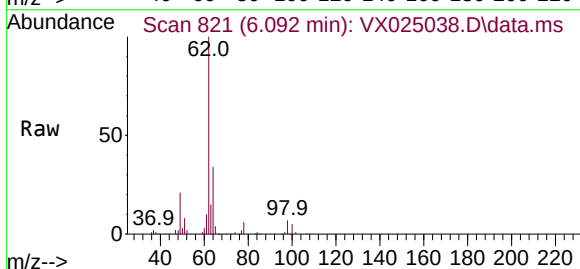
Instrument :
MSVOA_X
ClientSampleId :

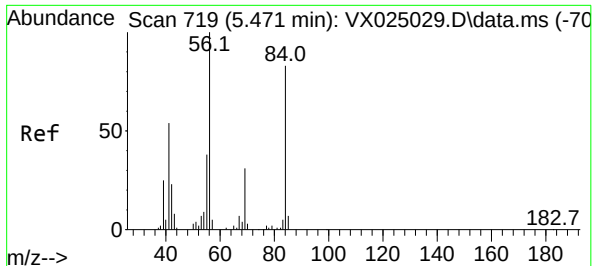
Tgt Ion: 83 Resp: 131527
Ion Ratio Lower Upper
83 100
85 66.5 46.3 86.1



#27
1,2-Dichloroethane
Concen: 46.263 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

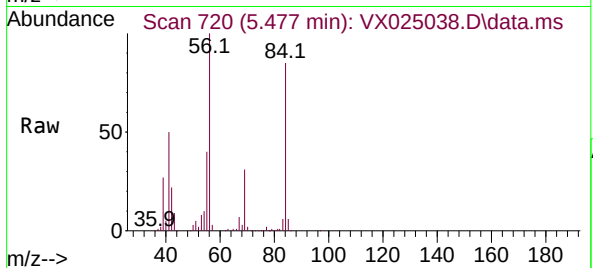
Tgt Ion: 62 Resp: 109392
Ion Ratio Lower Upper
62 100
98 7.0 5.5 8.3



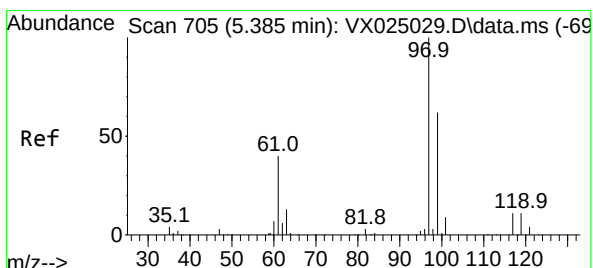
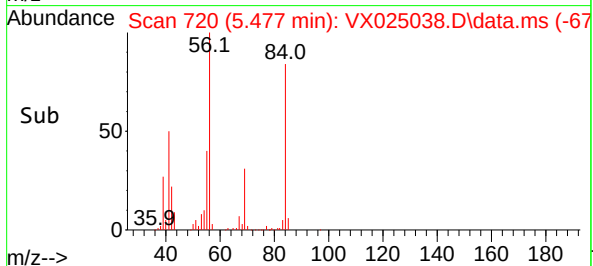
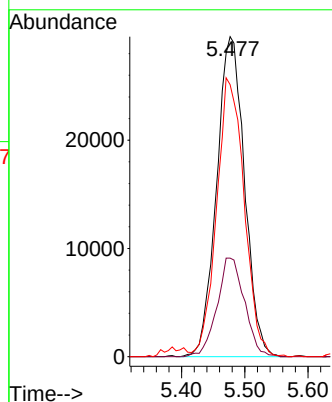


#29
Cyclohexane
Concen: 44.790 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :

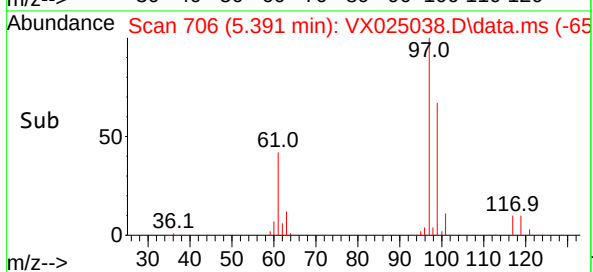
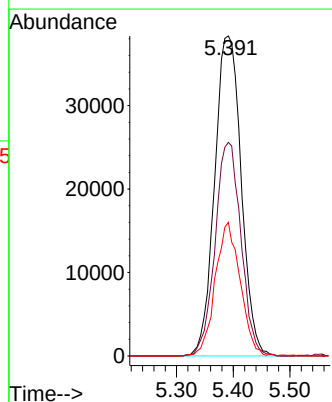
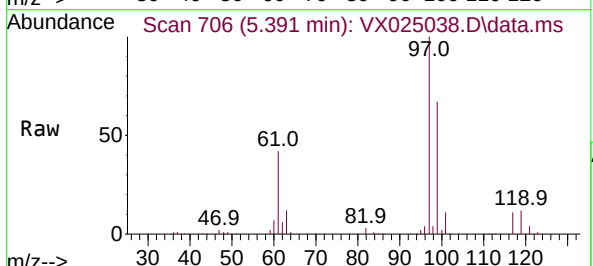


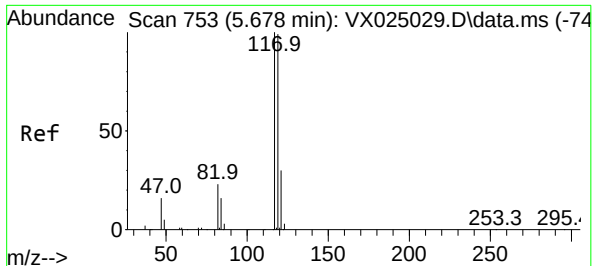
Tgt Ion: 56 Resp: 90613
Ion Ratio Lower Upper
56 100
69 29.2 30.8 46.2#
84 85.8 86.8 130.2#



#30
1,1,1-Trichloroethane
Concen: 48.308 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Tgt Ion: 97 Resp: 124686
Ion Ratio Lower Upper
97 100
99 65.0 53.1 79.7
61 38.7 26.3 39.5

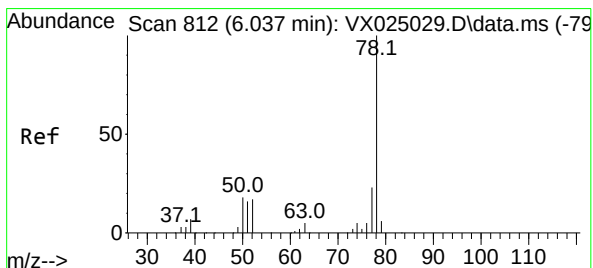
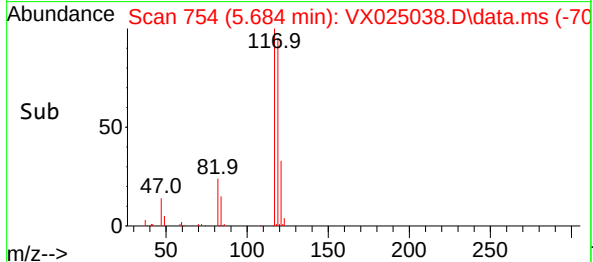
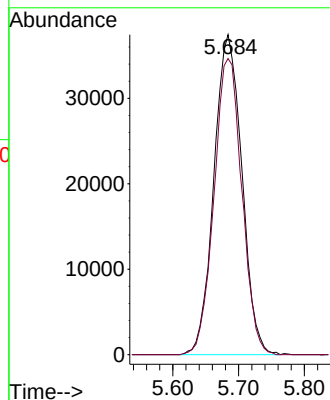
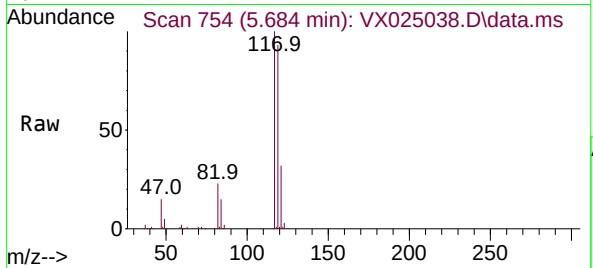




#31
Carbon tetrachloride
Concen: 50.626 ug/L
RT: 5.684 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

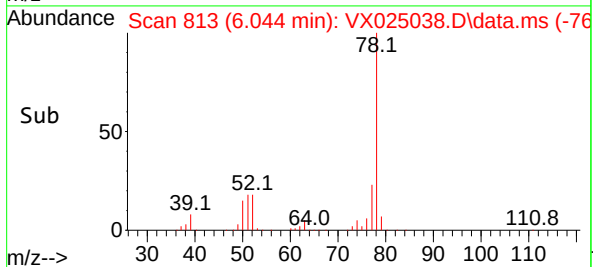
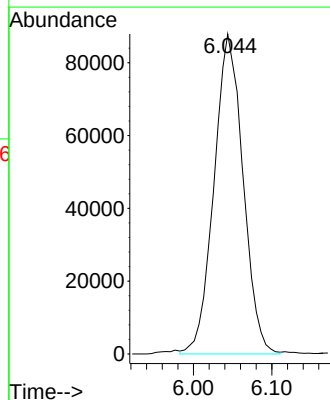
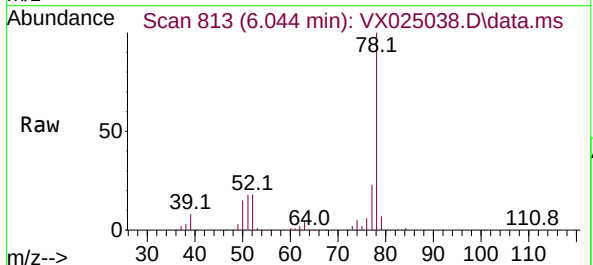
Instrument :
MSVOA_X
ClientSampleId :

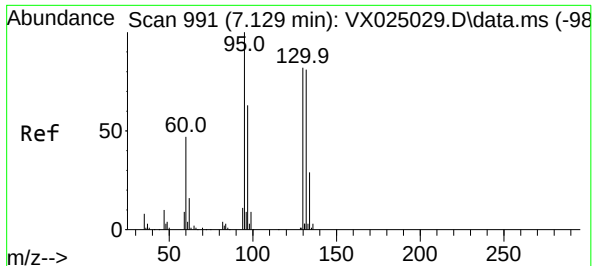
Tgt Ion:117 Resp: 110677
Ion Ratio Lower Upper
117 100
119 92.3 76.0 114.0



#33
Benzene
Concen: 48.987 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

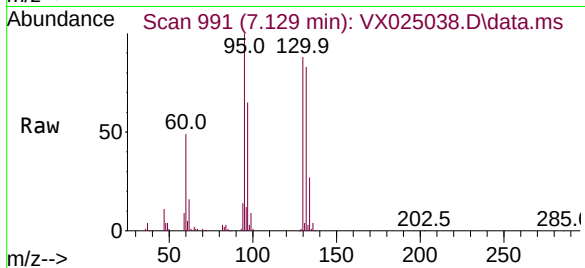
Tgt Ion: 78 Resp: 226309



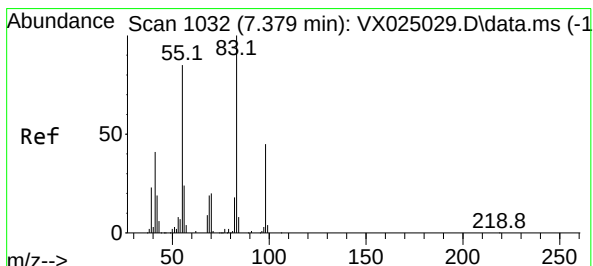
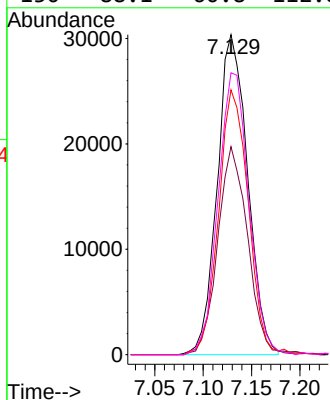
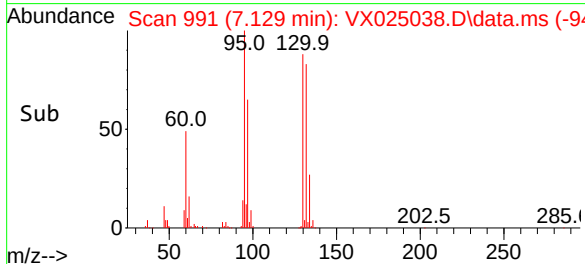


#34
Trichloroethene
Concen: 47.576 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

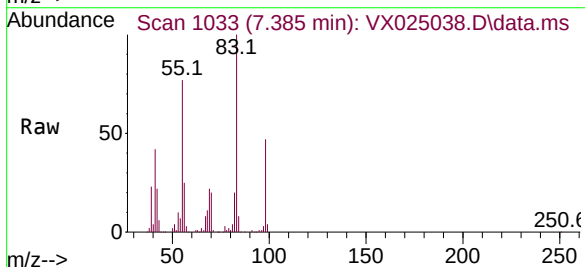
Instrument :
MSVOA_X
ClientSampleId :



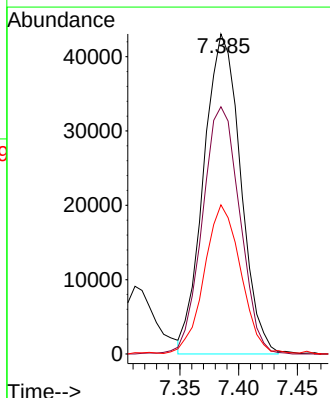
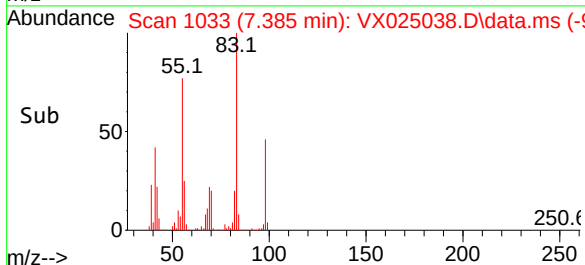
Tgt Ion: 95 Resp: 66308
Ion Ratio Lower Upper
95 100
97 65.0 44.2 82.2
132 82.8 60.1 111.5
130 88.1 60.8 112.8

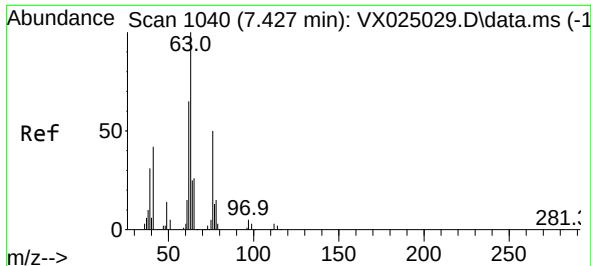


#35
Methylcyclohexane
Concen: 46.880 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57



Tgt Ion: 83 Resp: 94281
Ion Ratio Lower Upper
83 100
55 78.2 52.6 79.0
98 45.7 37.9 56.9





#37

1,2-Dichloropropane

Concen: 46.409 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

Instrument :

MSVOA_X

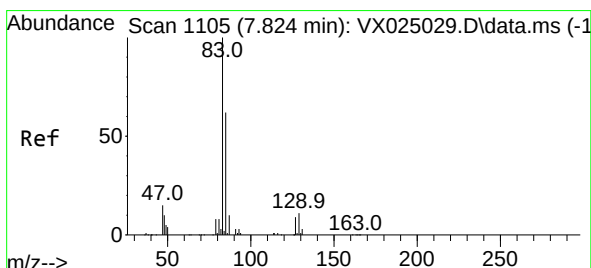
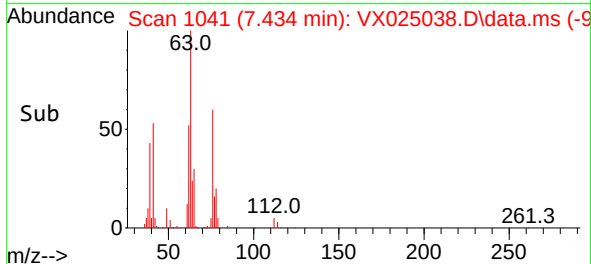
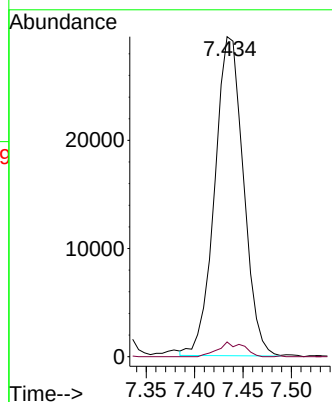
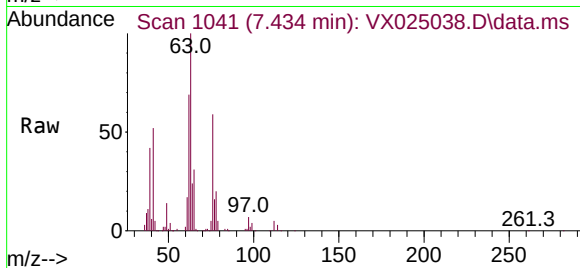
ClientSampleId :

Tgt Ion: 63 Resp: 60995

Ion Ratio Lower Upper

63 100

112 2.5 4.0 6.0#



#38

Bromodichloromethane

Concen: 48.191 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

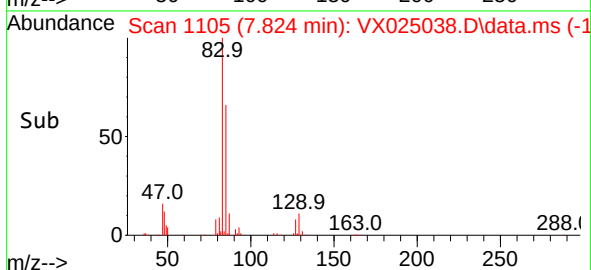
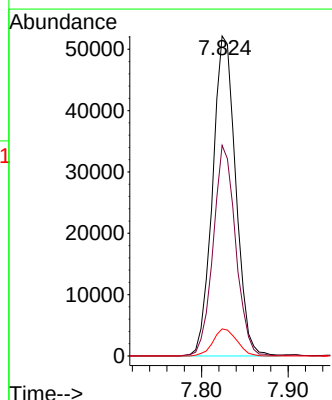
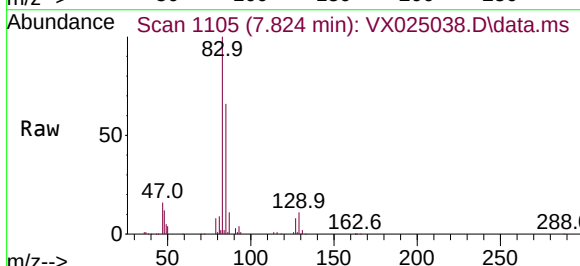
Tgt Ion: 83 Resp: 96767

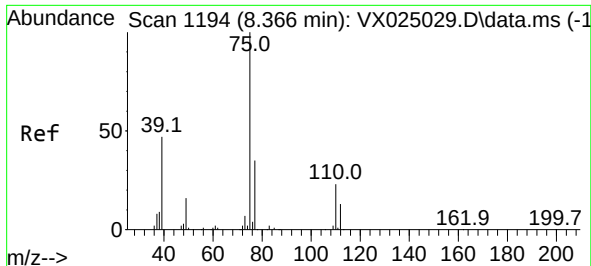
Ion Ratio Lower Upper

83 100

85 65.8 46.8 87.0

127 8.5 8.2 12.2





#39

cis-1,3-Dichloropropene

Concen: 49.790 ug/L

RT: 8.372 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

Instrument :

MSVOA_X

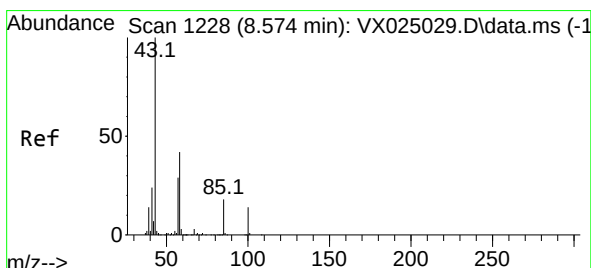
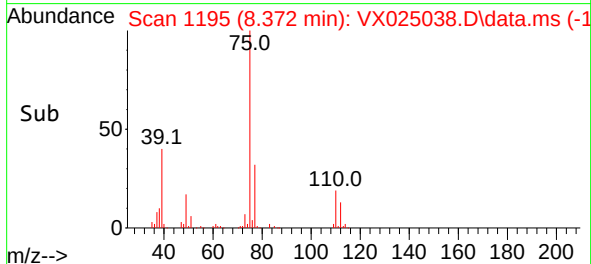
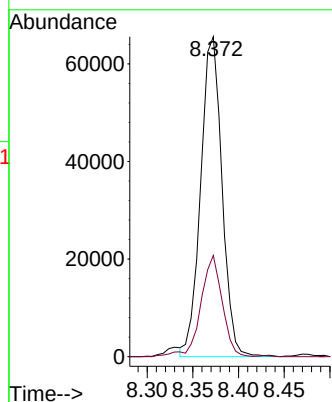
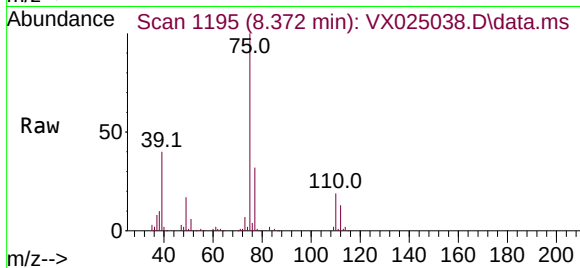
ClientSampleId :

Tgt Ion: 75 Resp: 106353

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9



#40

4-Methyl-2-pentanone

Concen: 87.581 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

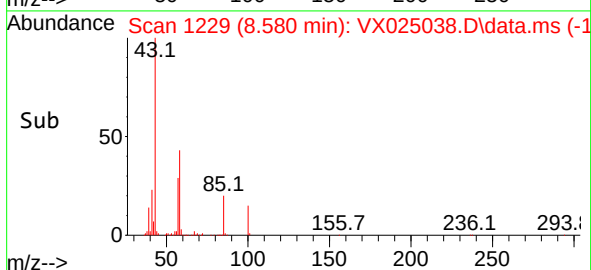
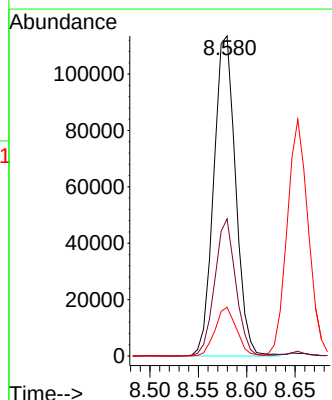
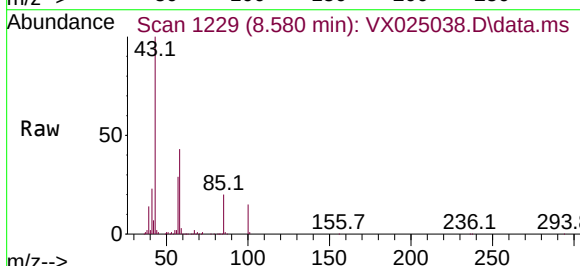
Tgt Ion: 43 Resp: 178760

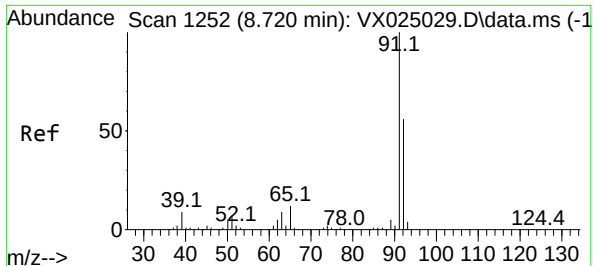
Ion Ratio Lower Upper

43 100

58 41.3 41.3 61.9

100 14.9 19.6 29.4

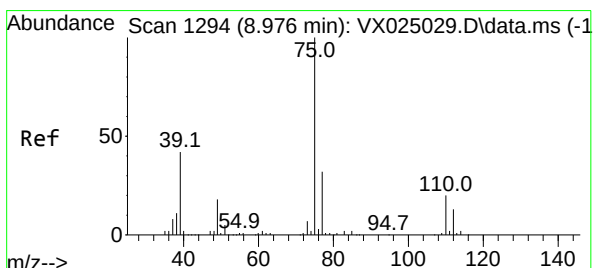
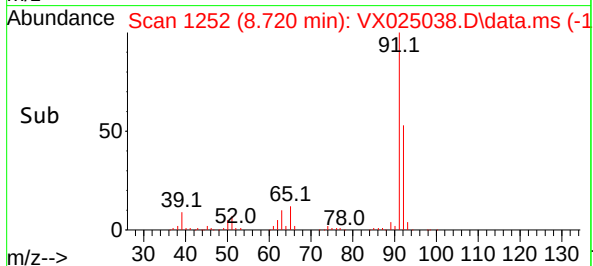
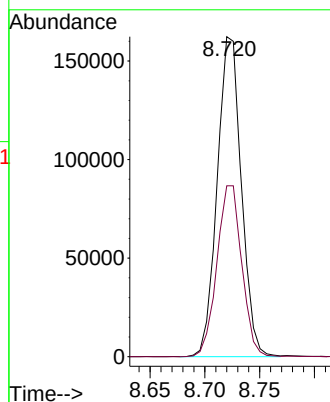
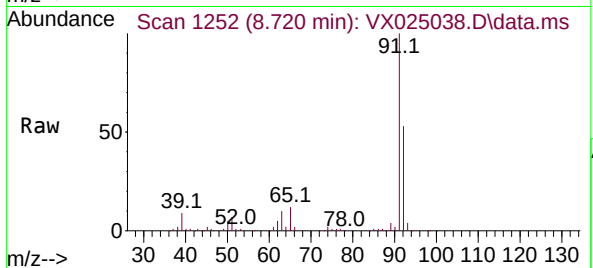




#42
Toluene
Concen: 49.198 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

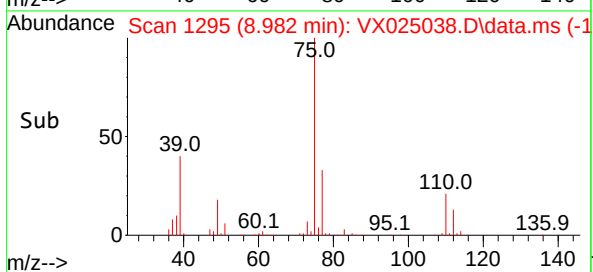
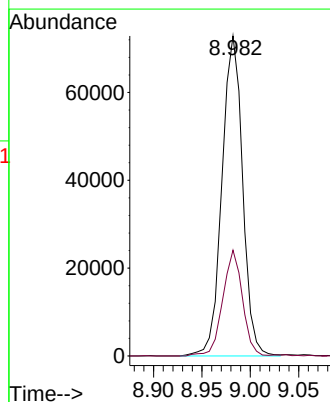
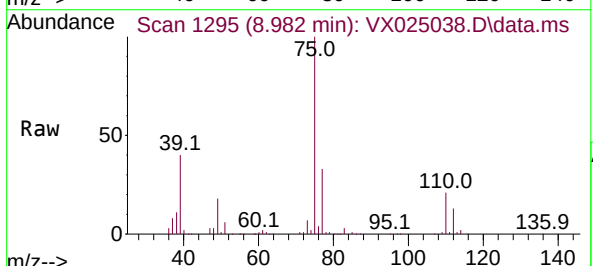
Instrument :
MSVOA_X
ClientSampleId :

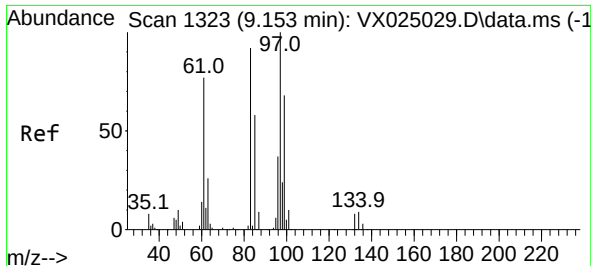
Tgt Ion: 91 Resp: 248715
Ion Ratio Lower Upper
91 100
92 53.4 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 49.160 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Tgt Ion: 75 Resp: 108117
Ion Ratio Lower Upper
75 100
77 33.1 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 49.460 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

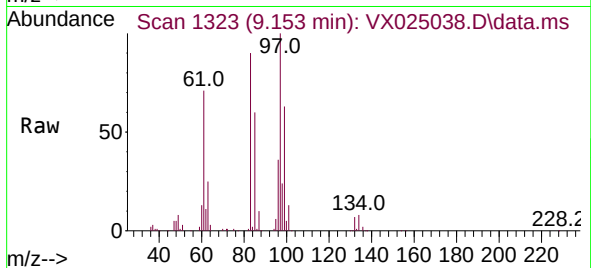
Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 97 Resp: 60855

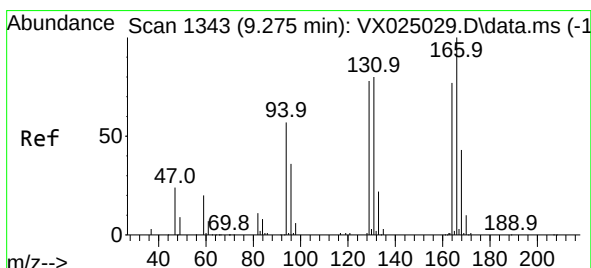
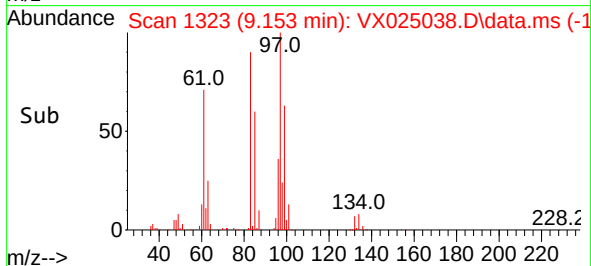
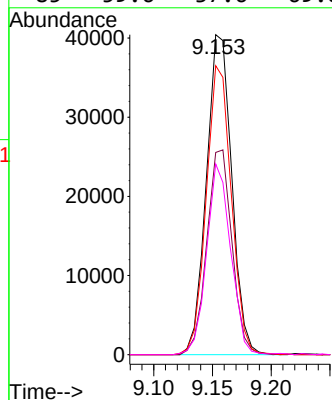
Ion Ratio Lower Upper

97 100

99 63.2 43.5 80.7

83 90.3 58.2 108.0

85 59.6 37.6 69.8



#46

Tetrachloroethene

Concen: 50.225 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

Tgt Ion:164 Resp: 43694

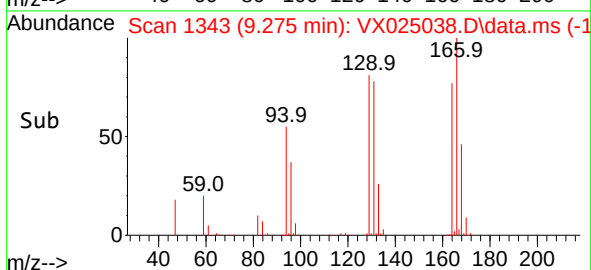
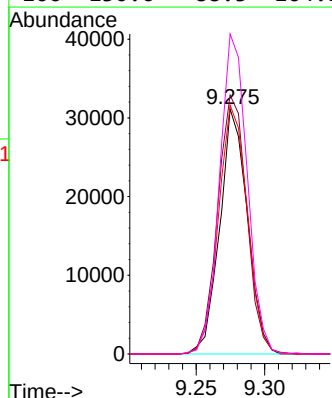
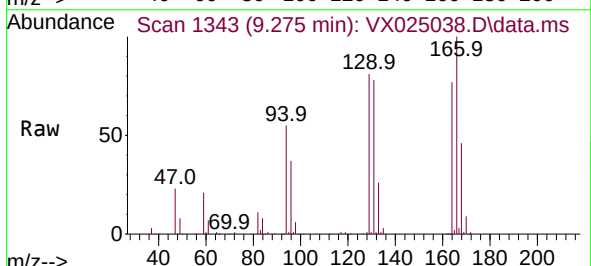
Ion Ratio Lower Upper

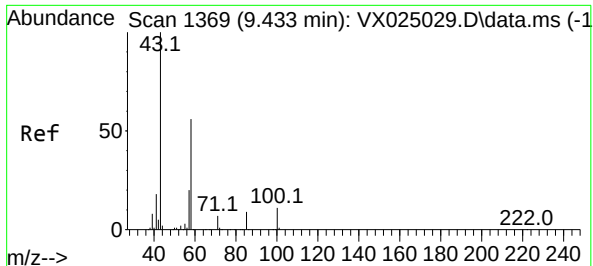
164 100

129 105.7 78.5 145.7

131 101.6 70.5 130.9

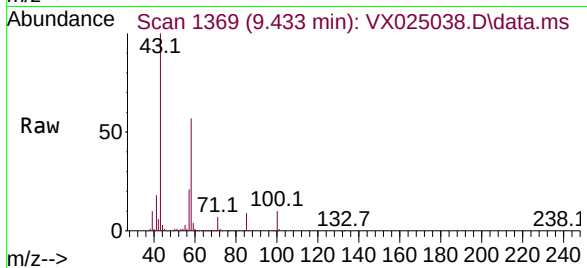
166 130.6 88.3 164.1



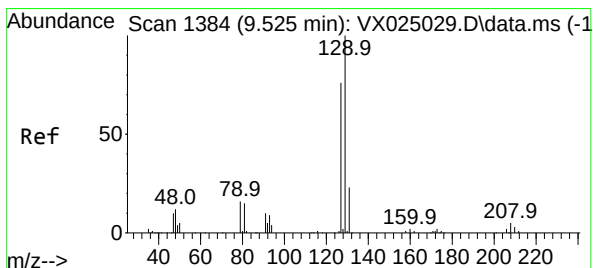
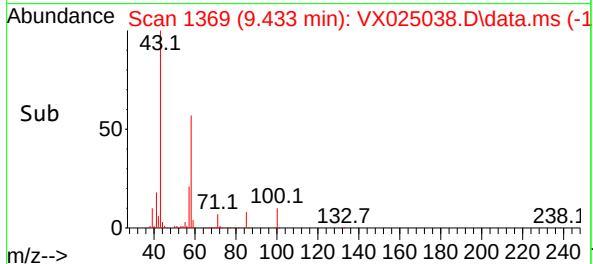
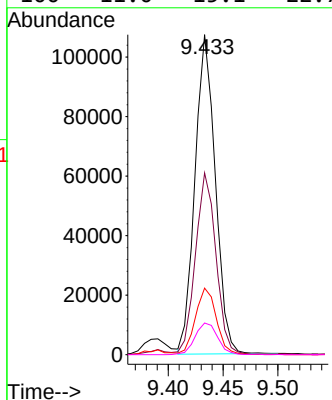


#48
2-Hexanone
Concen: 82.320 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :

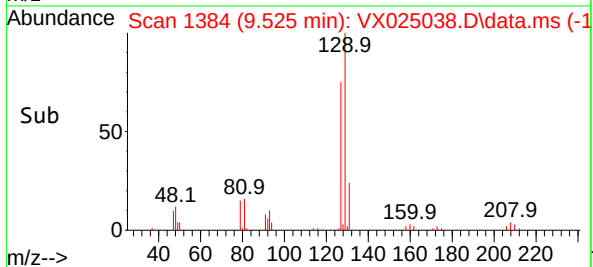
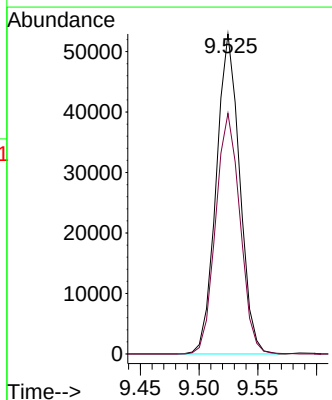
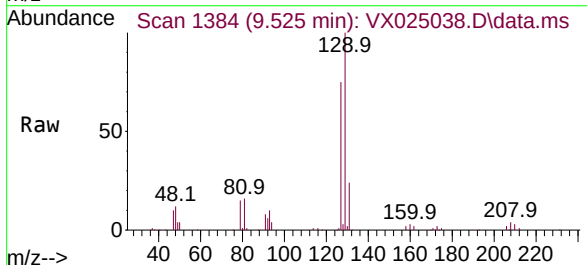


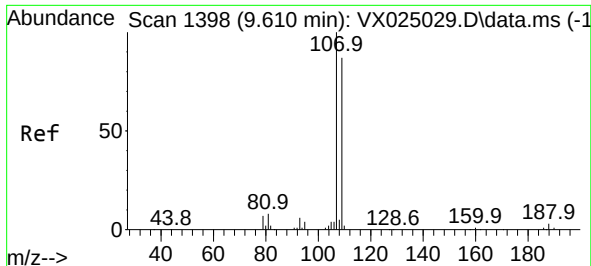
Tgt Ion: 43 Resp: 138873
Ion Ratio Lower Upper
43 100
58 57.5 56.0 84.0
57 21.4 20.4 30.6
100 11.0 15.1 22.7#



#49
Dibromochloromethane
Concen: 53.033 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

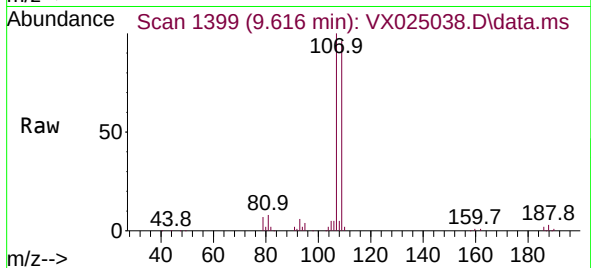
Tgt Ion: 129 Resp: 73450
Ion Ratio Lower Upper
129 100
127 75.2 54.1 100.5



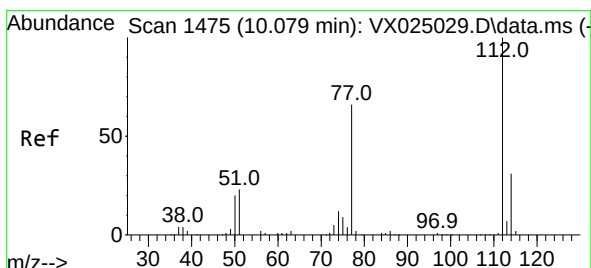
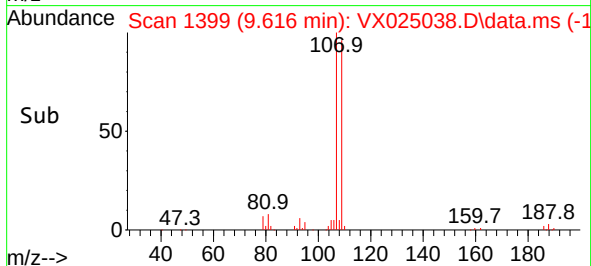
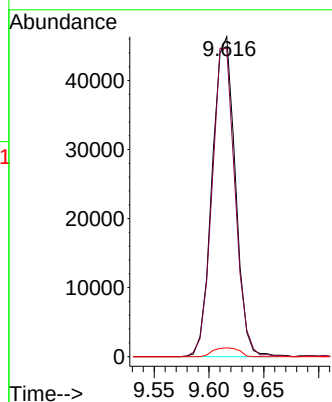


#50
1,2-Dibromoethane
Concen: 49.979 ug/L
RT: 9.616 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :

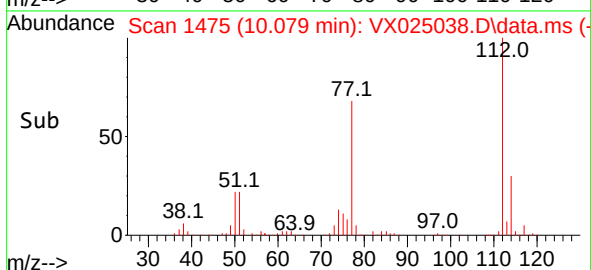
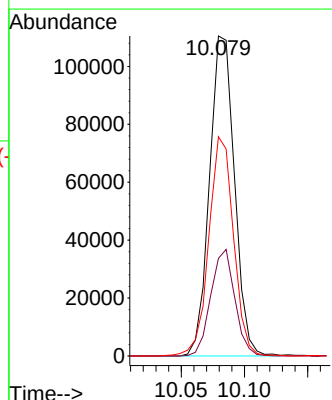
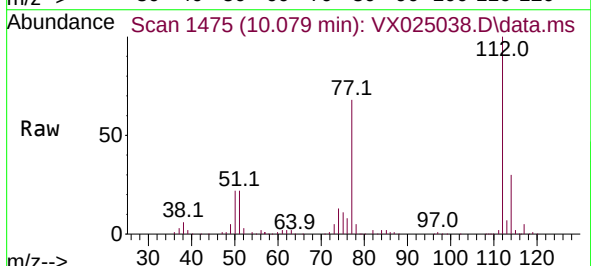


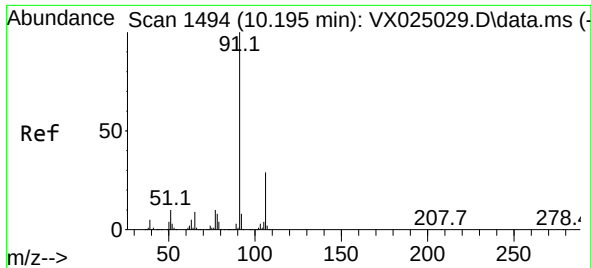
Tgt Ion:107 Resp: 67843
Ion Ratio Lower Upper
107 100
109 96.3 63.8 118.6
188 2.7 2.2 3.2



#51
Chlorobenzene
Concen: 50.229 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Tgt Ion:112 Resp: 151852
Ion Ratio Lower Upper
112 100
114 30.5 22.7 42.3
77 68.5 46.8 70.2

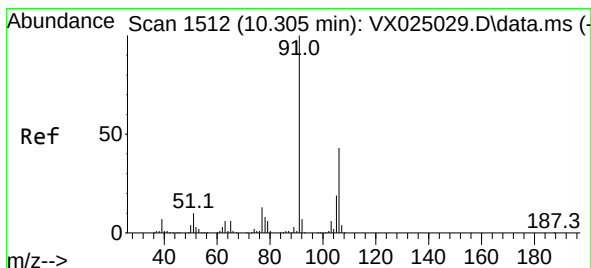
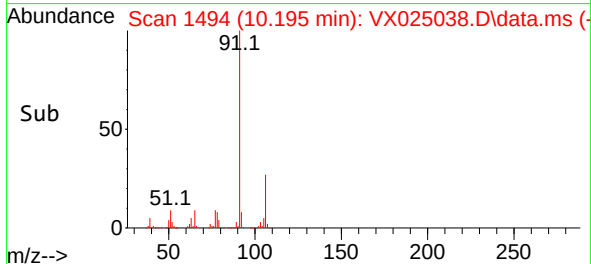
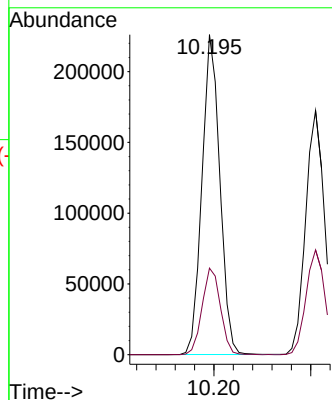
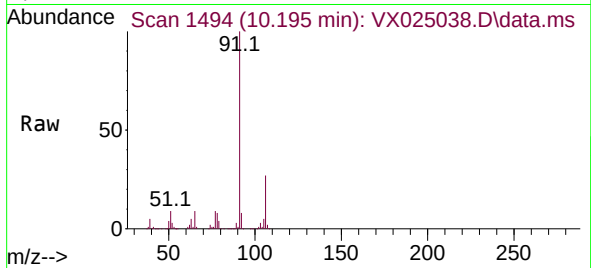




#52
Ethylbenzene
Concen: 49.759 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

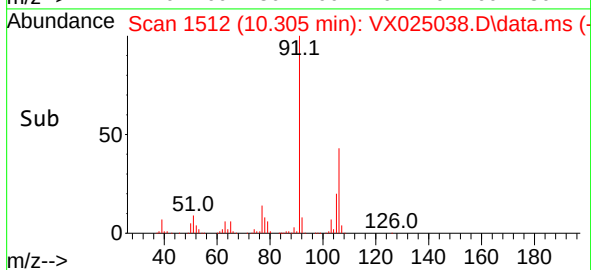
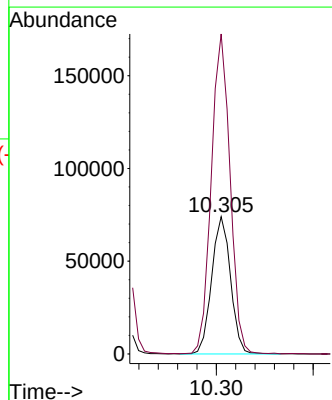
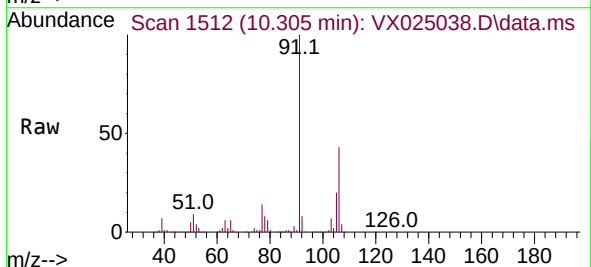
Instrument :
MSVOA_X
ClientSampleId :

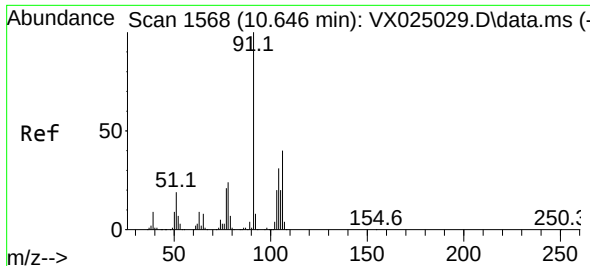
Tgt Ion: 91 Resp: 290286
Ion Ratio Lower Upper
91 100
106 27.0 20.2 37.6



#53
m,p-Xylene
Concen: 50.050 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Tgt Ion:106 Resp: 100432
Ion Ratio Lower Upper
106 100
91 233.0 160.2 297.6

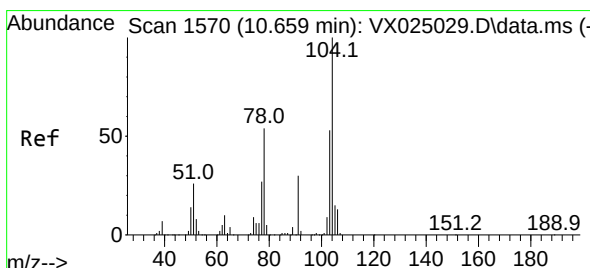
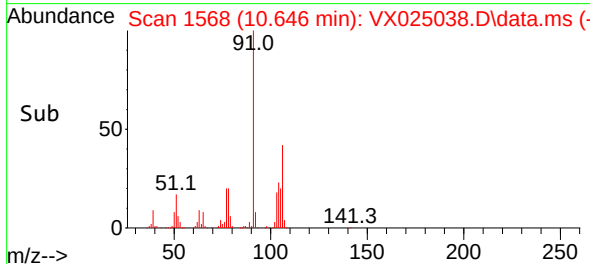
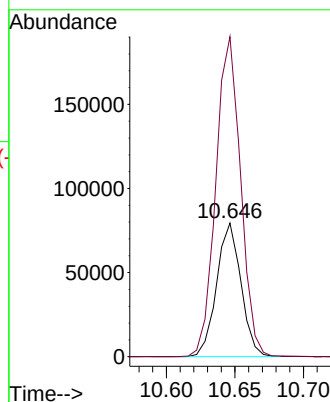
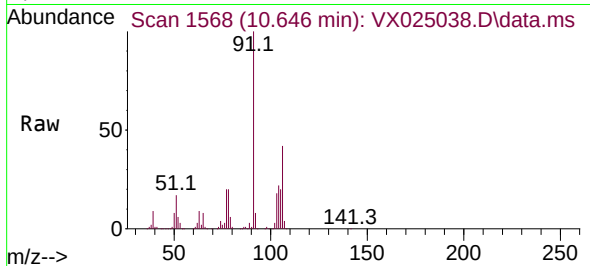




#54
o-Xylene
Concen: 50.050 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

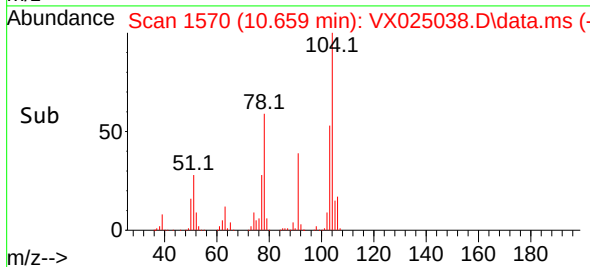
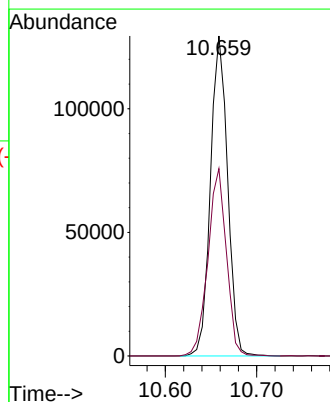
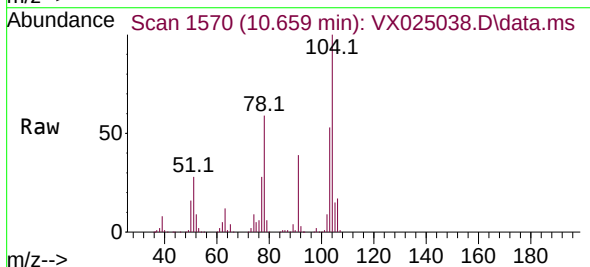
Instrument :
MSVOA_X
ClientSampleId :

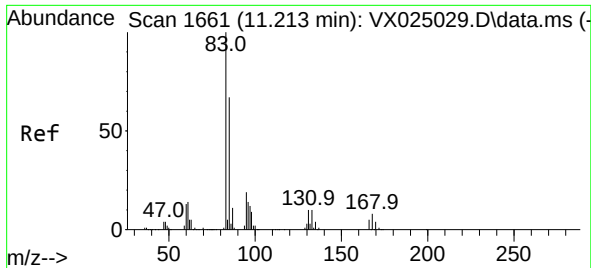
Tgt Ion:106 Resp: 98179
Ion Ratio Lower Upper
106 100
91 239.4 164.4 305.4



#55
Styrene
Concen: 50.797 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Tgt Ion:104 Resp: 168530
Ion Ratio Lower Upper
104 100
78 58.6 38.2 71.0

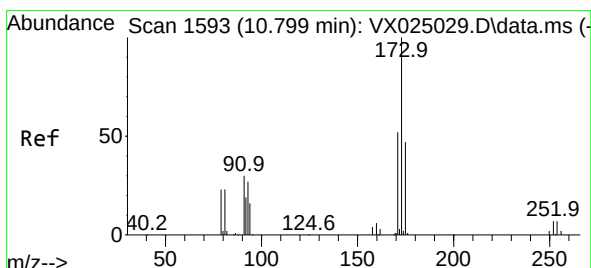
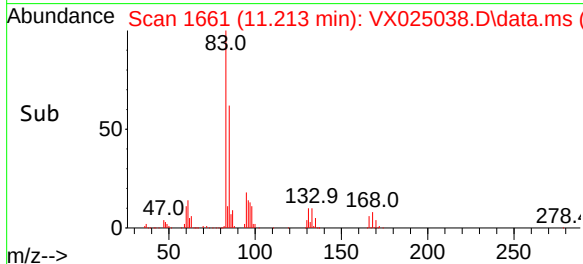
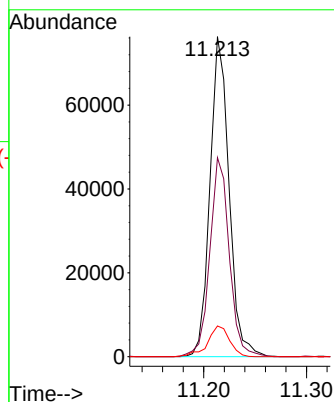
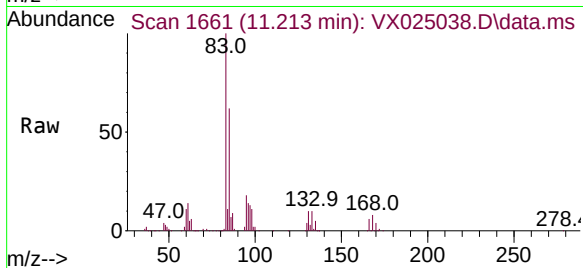




#57
1,1,2,2-Tetrachloroethane
Concen: 49.695 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

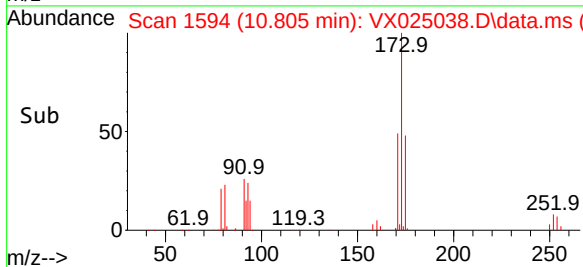
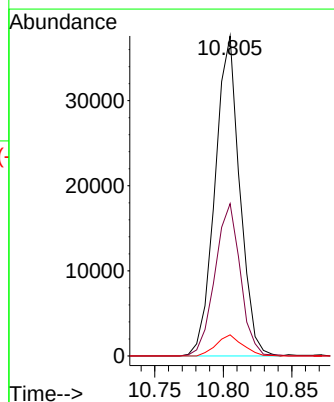
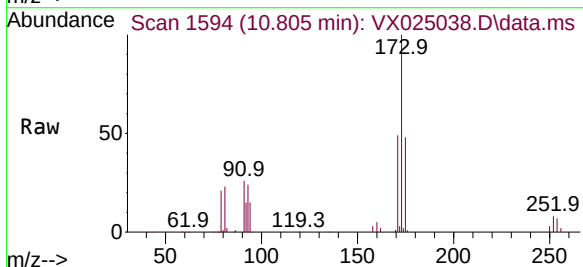
Instrument :
MSVOA_X
ClientSampleId :

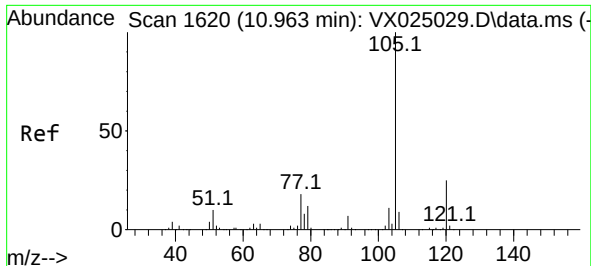
Tgt Ion: 83 Resp: 98394
Ion Ratio Lower Upper
83 100
85 62.2 46.9 87.1
131 9.6 8.7 13.1



#59
Bromoform
Concen: 50.426 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

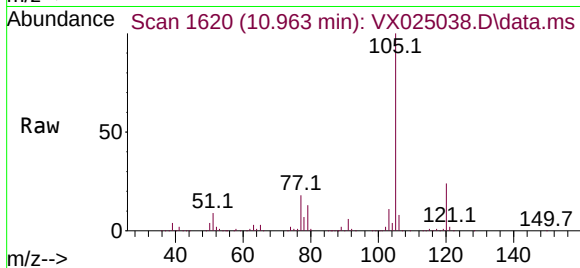
Tgt Ion: 173 Resp: 47193
Ion Ratio Lower Upper
173 100
175 48.7 36.6 55.0
254 7.0 4.9 7.3



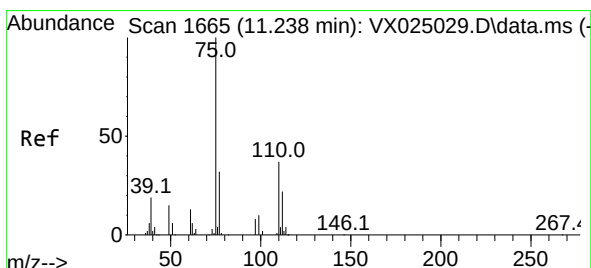
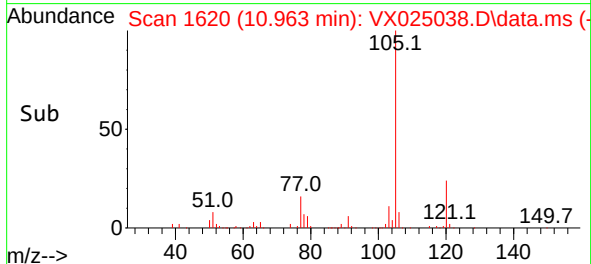
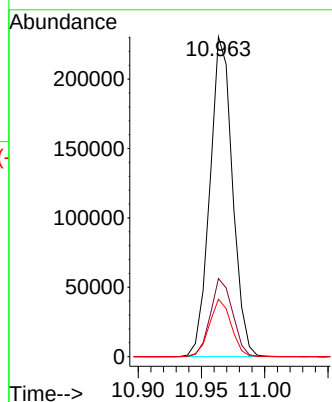


#60
Isopropylbenzene
Concen: 49.374 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :

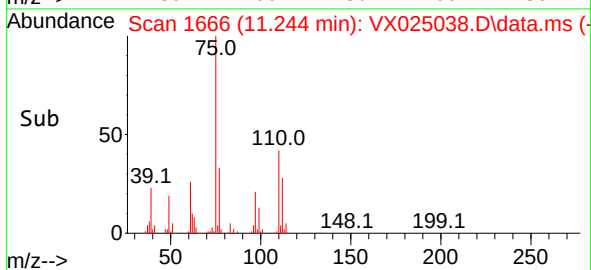
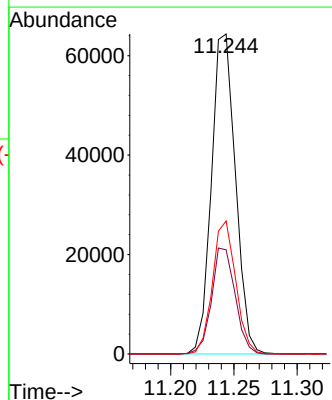
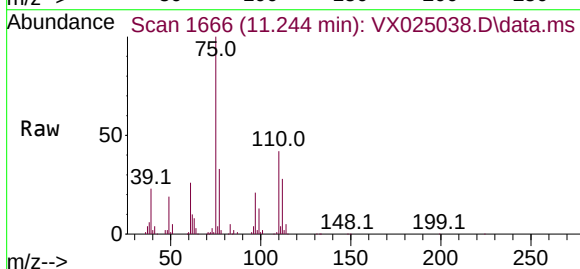


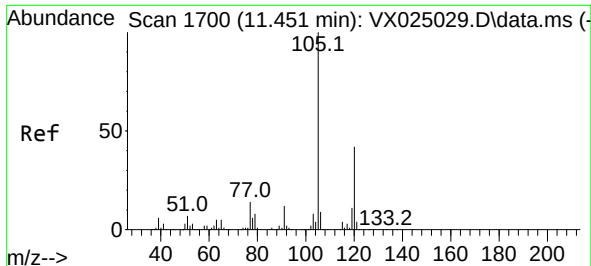
Tgt Ion:105 Resp: 285938
Ion Ratio Lower Upper
105 100
120 24.1 19.8 29.6
77 17.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 45.950 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Tgt Ion: 75 Resp: 85041
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
110 40.1 37.2 55.8





#62

1,3,5-Trimethylbenzene

Concen: 49.922 ug/L

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

Instrument :

MSVOA_X

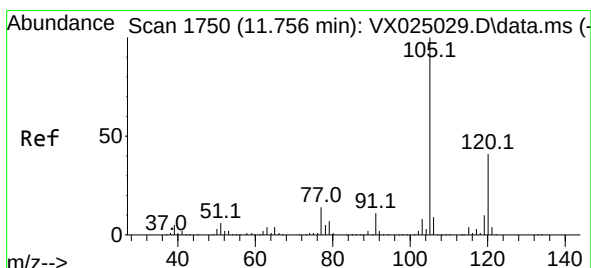
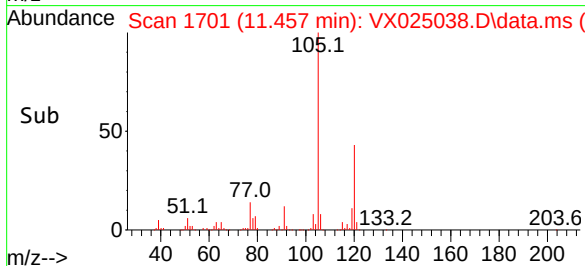
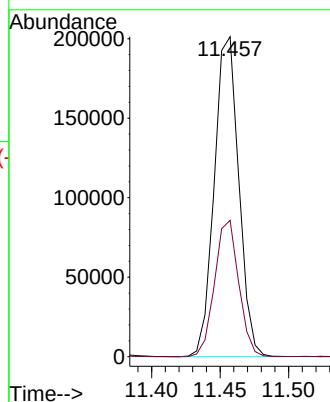
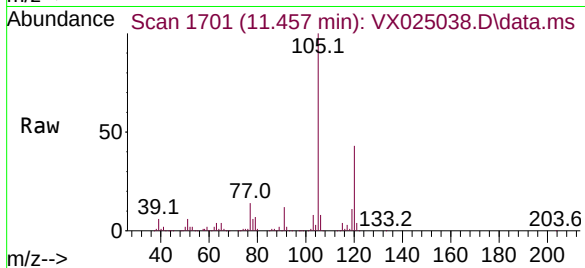
ClientSampleId :

Tgt Ion:105 Resp: 250395

Ion Ratio Lower Upper

105 100

120 42.0 34.4 51.6



#63

1,2,4-Trimethylbenzene

Concen: 49.544 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025038.D

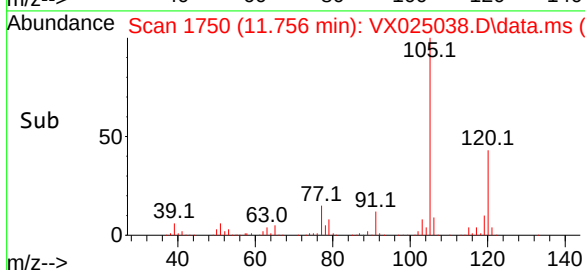
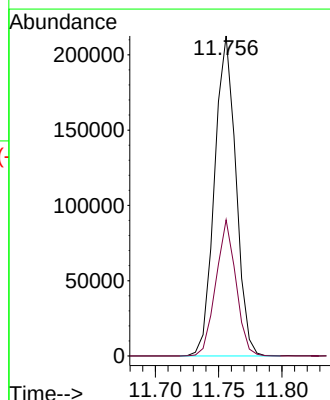
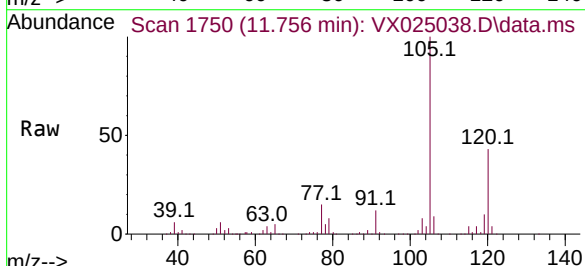
Acq: 01 Nov 2021 18:57

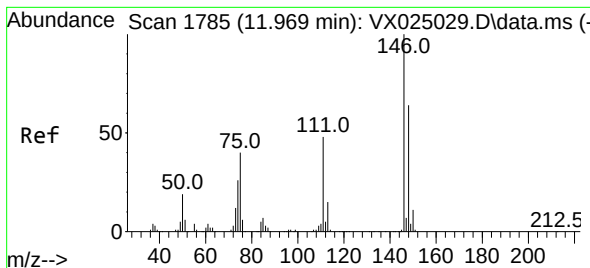
Tgt Ion:105 Resp: 249117

Ion Ratio Lower Upper

105 100

120 40.0 31.0 46.6





#64

1,3-Dichlorobenzene

Concen: 51.328 ug/L

RT: 11.975 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

Instrument :

MSVOA_X

ClientSampleId :

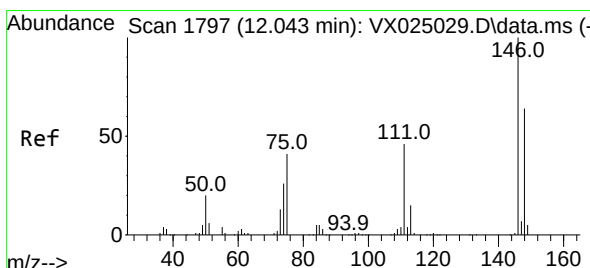
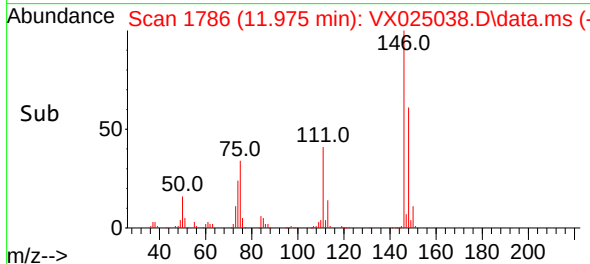
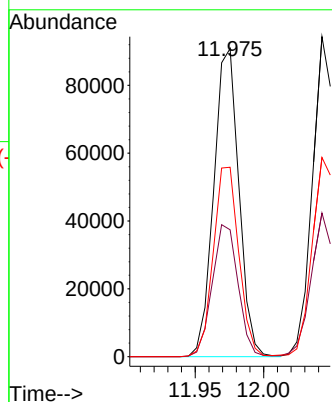
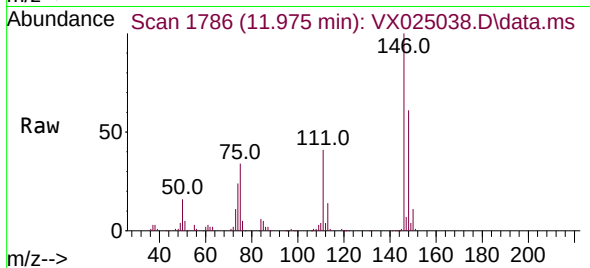
Tgt Ion:146 Resp: 115681

Ion Ratio Lower Upper

146 100

111 41.2 31.1 57.9

148 61.5 43.2 80.2



#65

1,4-Dichlorobenzene

Concen: 48.747 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

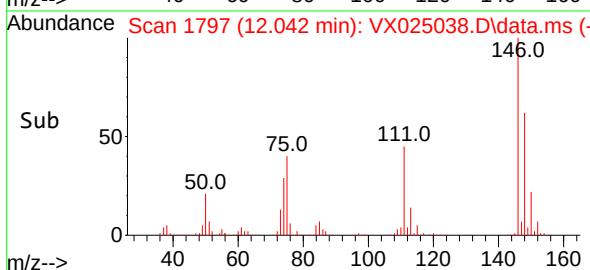
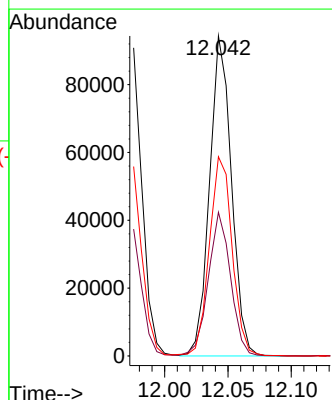
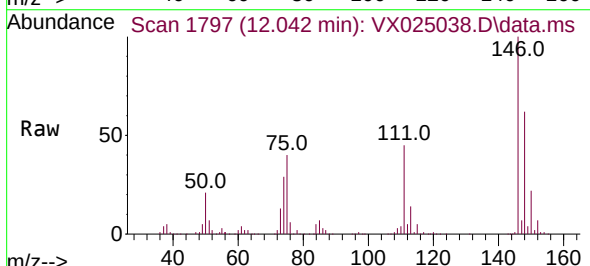
Tgt Ion:146 Resp: 113620

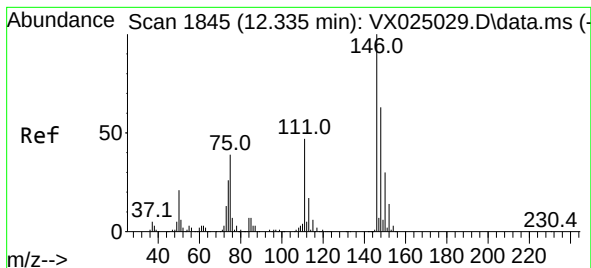
Ion Ratio Lower Upper

146 100

111 44.9 31.8 59.0

148 62.3 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 50.915 ug/L

RT: 12.341 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

Instrument :

MSVOA_X

ClientSampleId :

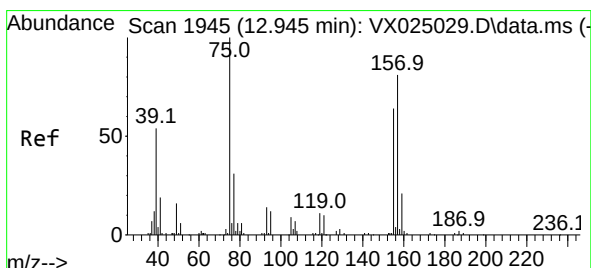
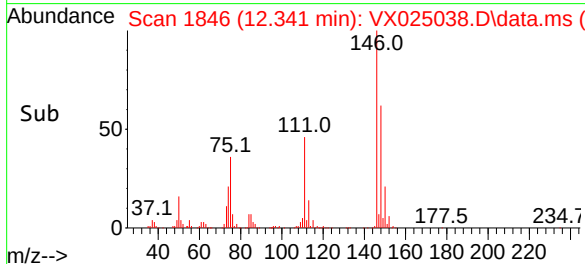
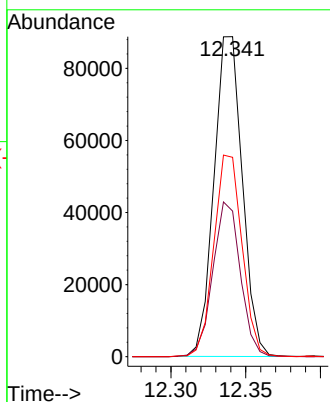
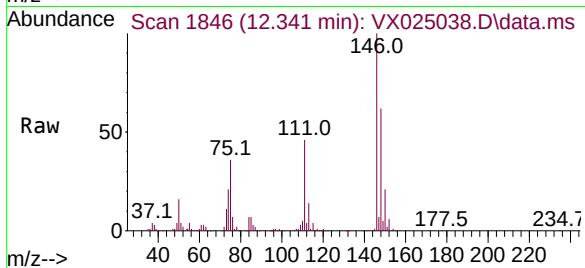
Tgt Ion:146 Resp: 117221

Ion Ratio Lower Upper

146 100

111 45.5 38.5 57.7

148 62.3 53.2 79.8



#68

1,2-Dibromo-3-chloropropane

Concen: 46.720 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

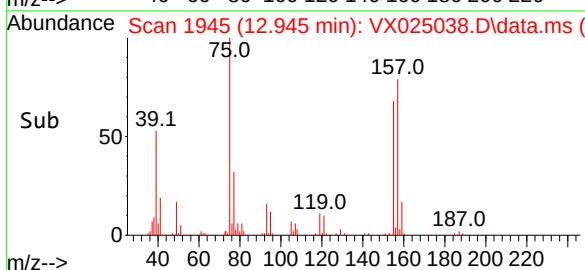
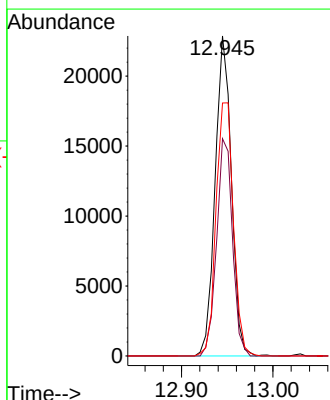
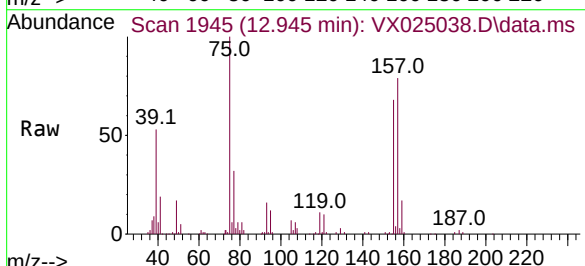
Tgt Ion: 75 Resp: 28197

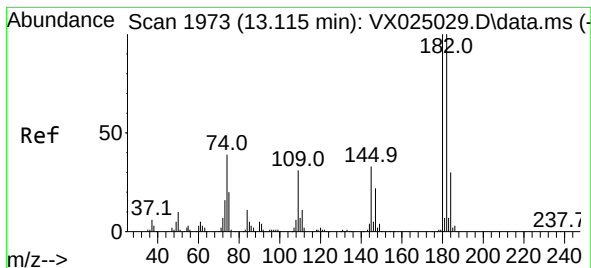
Ion Ratio Lower Upper

75 100

155 67.9 59.3 88.9

157 79.0 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 50.771 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 82182

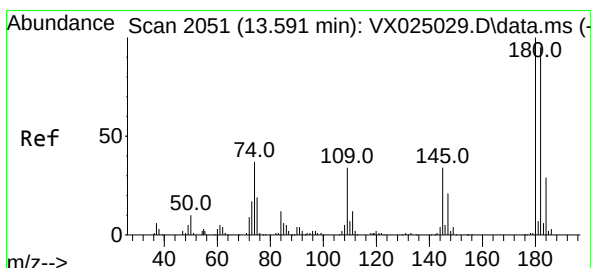
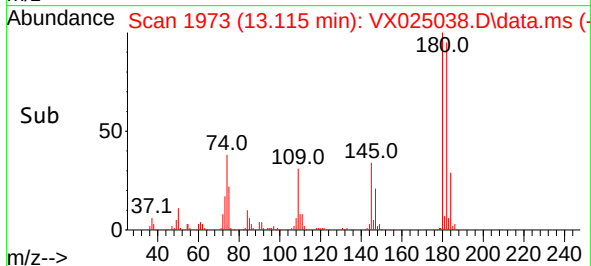
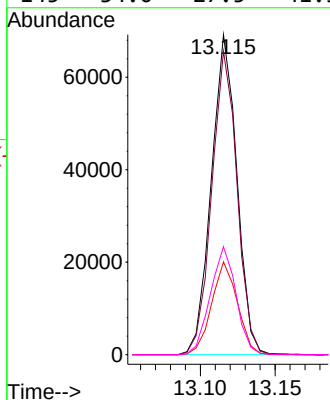
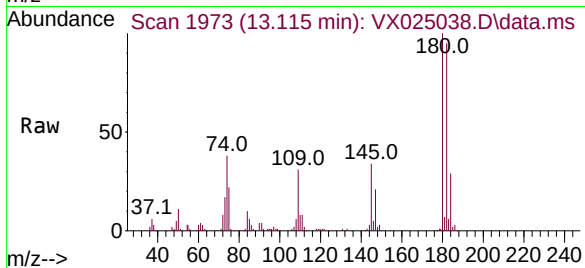
Ion Ratio Lower Upper

180 100

182 93.7 74.2 111.4

184 29.4 23.7 35.5

145 34.0 27.5 41.3



#70

1,2,4-trichlorobenzene

Concen: 51.746 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX025038.D

Acq: 01 Nov 2021 18:57

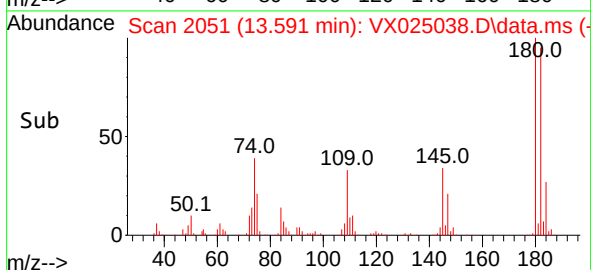
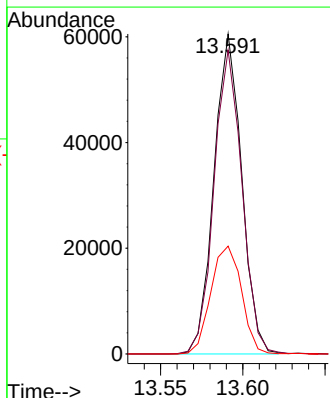
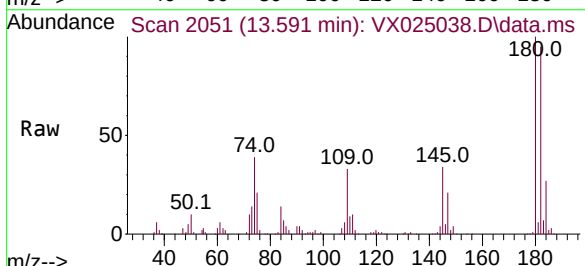
Tgt Ion:180 Resp: 71000

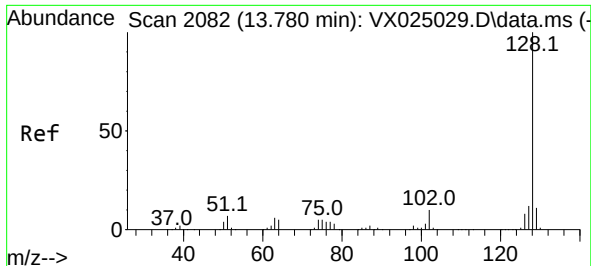
Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

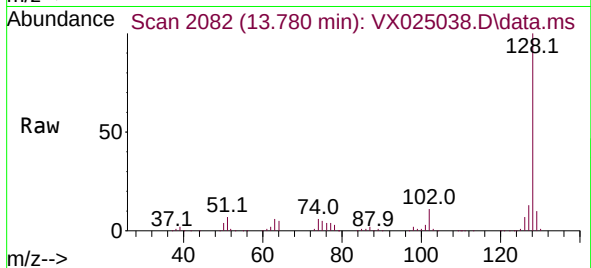
145 37.3 28.8 43.2



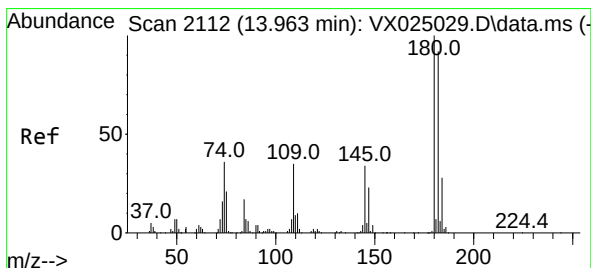
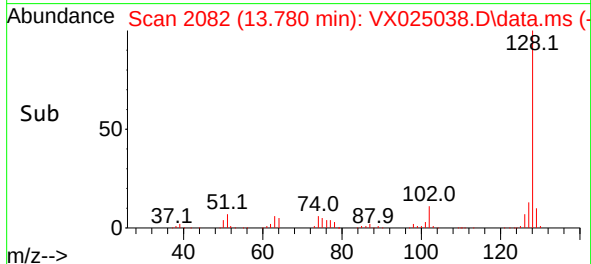
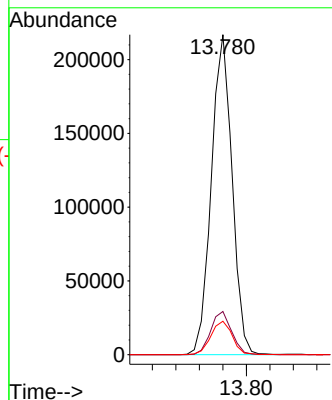


#71
Naphthalene
Concen: 56.113 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 266271
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.8 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 53.604 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025038.D
Acq: 01 Nov 2021 18:57

Tgt Ion:180 Resp: 75635
Ion Ratio Lower Upper
180 100
182 93.6 73.3 109.9
145 36.2 29.0 43.4

