

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035118.D
 Acq On : 18 Apr 2023 13:13
 Operator : JC/MD
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100635

Quant Time: Apr 19 00:32:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:30:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	512877	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	453711	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	219394	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	331701	100.302	ug/L	0.00
7) Chloroethane-d5	1.672	69	238484	99.800	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	158166	28.779	ug/L	0.00
21) 2-Butanone-d5	4.465	46	455356	206.217	ug/L	0.00
24) Chloroform-d	5.056	84	640029	102.769	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	398203	99.568	ug/L	0.00
32) Benzene-d6	5.970	84	1299961	99.741	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	401251	100.785	ug/L	0.00
41) Toluene-d8	8.647	98	1185254	99.504	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	192920	110.882	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	338259	211.576	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	497439	102.024	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	426824	100.391	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	420463	109.386	ug/L	99
3) Chloromethane	1.294	50	381619	109.093	ug/L	100
5) Vinyl chloride	1.374	62	395073	108.832	ug/L	99
6) Bromomethane	1.618	94	234994	108.994	ug/L	98
8) Chloroethane	1.691	64	221934	109.619	ug/L	98
9) Trichlorofluoromethane	1.886	101	539884	109.827	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	364248	108.461	ug/L	100
12) 1,1-Dichloroethene	2.319	96	337998	110.309	ug/L	97
13) Acetone	2.392	43	345442	211.342	ug/L	100
14) Carbon disulfide	2.514	76	876206	115.741	ug/L	100
15) Methyl Acetate	2.703	43	387378	110.636	ug/L	99
16) Methylene chloride	2.788	84	366068	107.296	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	345039	109.356	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	1207715	110.680	ug/L	100
19) 1,1-Dichloroethane	3.611	63	671988	110.483	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	404803	109.735	ug/L	99
22) 2-Butanone	4.562	43	557040	222.028	ug/L	98
23) Bromochloromethane	4.897	128	202825	111.010	ug/L	98
25) Chloroform	5.093	83	685129	111.101	ug/L	100
27) 1,2-Dichloroethane	6.086	62	535690	108.457	ug/L	100
29) Cyclohexane	5.471	56	592945	108.161	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	596134	112.028	ug/L	99
31) Carbon tetrachloride	5.678	117	520127	115.270	ug/L	100
33) Benzene	6.037	78	1483403	107.962	ug/L	100
34) Trichloroethene	7.123	95	396567	108.500	ug/L	98
35) Methylcyclohexane	7.379	83	531036	107.884	ug/L	100
37) 1,2-Dichloropropane	7.428	63	396361	109.569	ug/L	100
38) Bromodichloromethane	7.818	83	494886	115.784	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	645832	119.400	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	1058065	221.883	ug/L	99
42) Toluene	8.720	91	1553179	108.953	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	592012	121.470	ug/L	98

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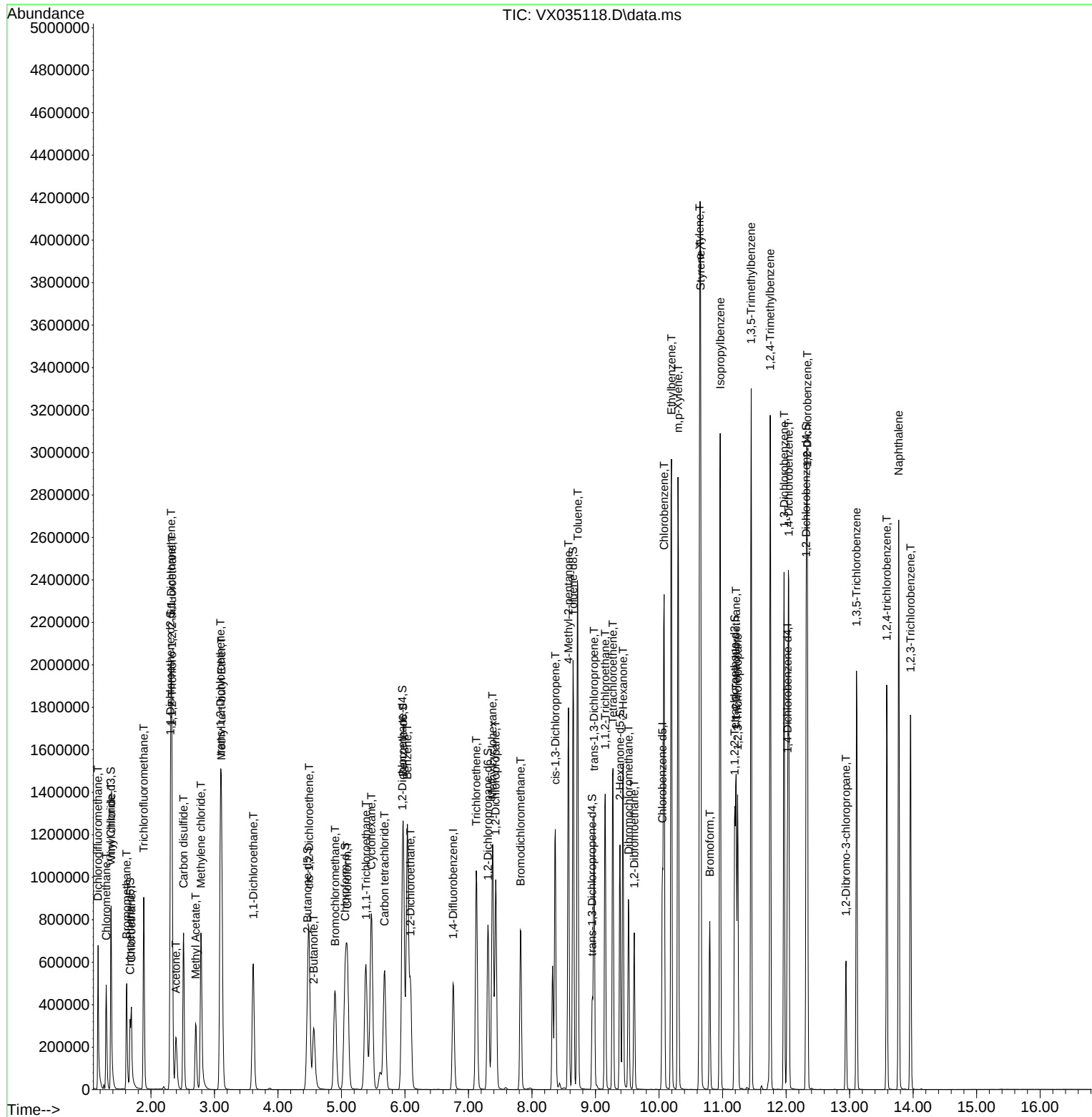
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	376109	109.566	ug/L	99
46) Tetrachloroethene	9.275	164	295207	108.428	ug/L	99
48) 2-Hexanone	9.433	43	801588	221.396	ug/L	98
49) Dibromochloromethane	9.519	129	388903	119.212	ug/L	99
50) 1,2-Dibromoethane	9.610	107	400344	112.083	ug/L	99
51) Chlorobenzene	10.079	112	1021132	108.727	ug/L	99
52) Ethylbenzene	10.195	91	1727318	109.612	ug/L	100
53) m,p-Xylene	10.299	106	666893	110.516	ug/L	99
54) o-Xylene	10.640	106	656253	110.615	ug/L	96
55) Styrene	10.653	104	1126422	112.062	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	559350	110.565	ug/L	98
59) Bromoform	10.799	173	280087	124.018	ug/L	100
60) Isopropylbenzene	10.963	105	1630307	109.284	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	436303	107.713	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1348768	110.555	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1351896	111.441	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	752955	110.666	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	768498	110.382	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	753237	109.184	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	120257	120.318	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	471002	111.977	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	445718	113.168	ug/L	98
71) Naphthalene	13.774	128	1593521	113.585	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	427665	109.991	ug/L	96

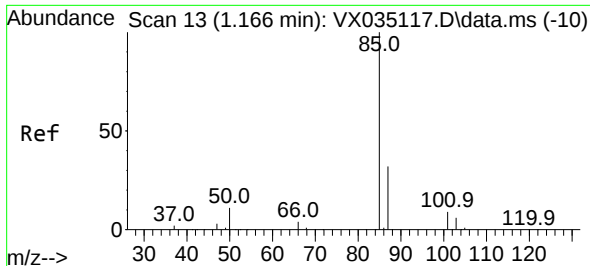
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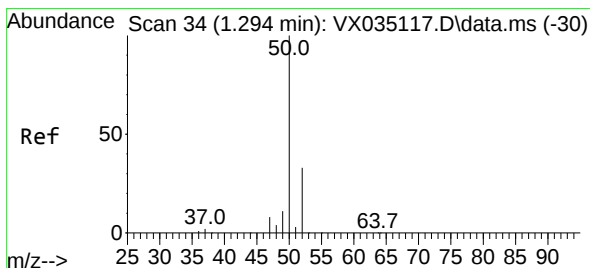
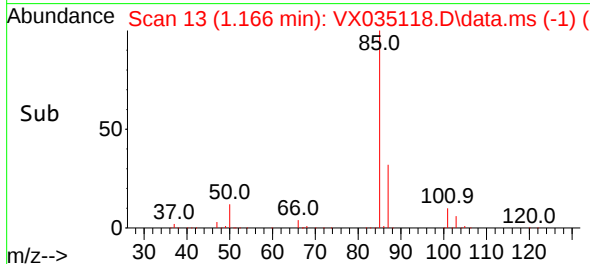
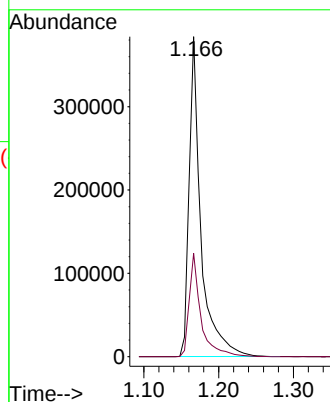
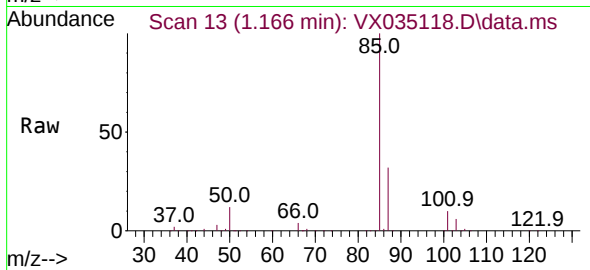




#2
 Dichlorodifluoromethane
 Concen: 109.386 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035118.D
 Acq: 18 Apr 2023 13:13

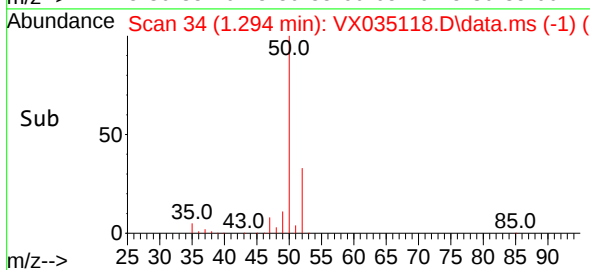
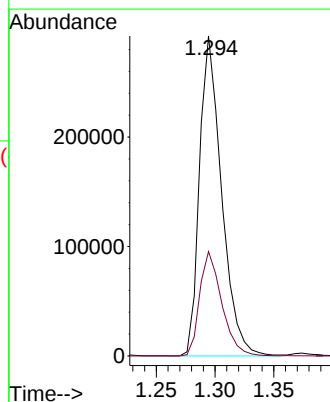
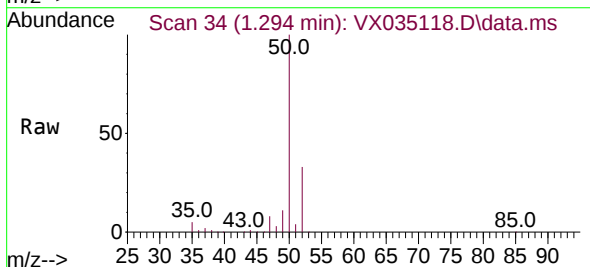
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100635

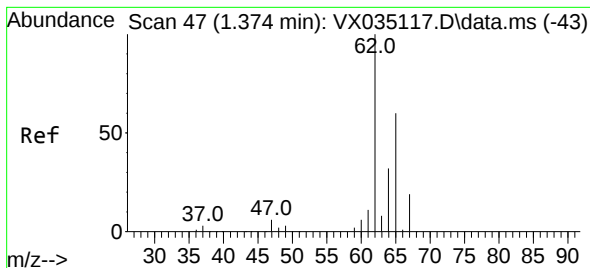
Tgt Ion: 85 Resp: 420463
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.4



#3
 Chloromethane
 Concen: 109.093 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX035118.D
 Acq: 18 Apr 2023 13:13

Tgt Ion: 50 Resp: 381619
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.6

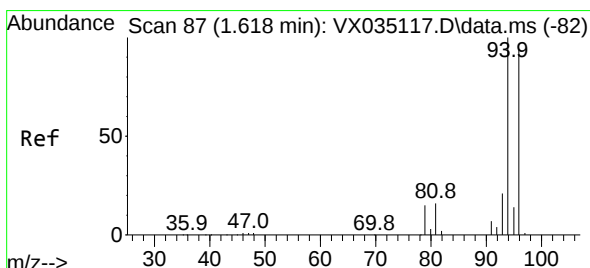
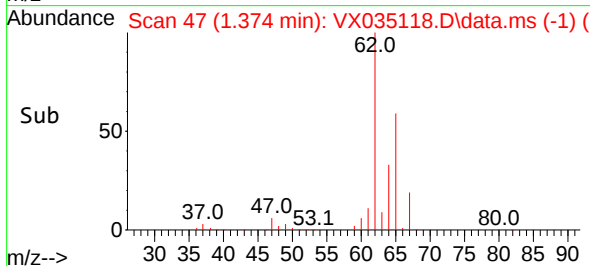
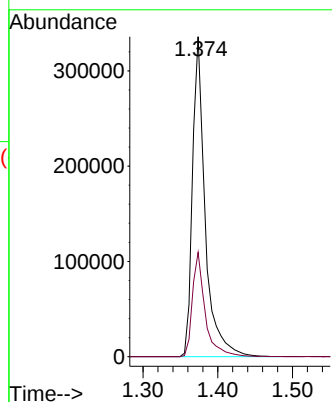
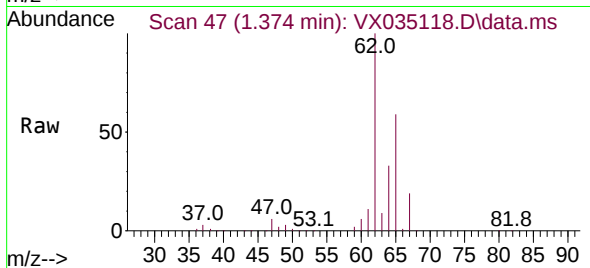




#5
 Vinyl chloride
 Concen: 108.832 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035118.D
 Acq: 18 Apr 2023 13:13

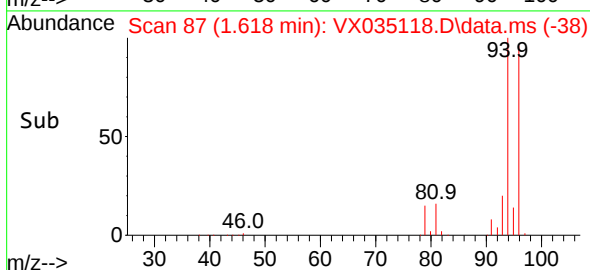
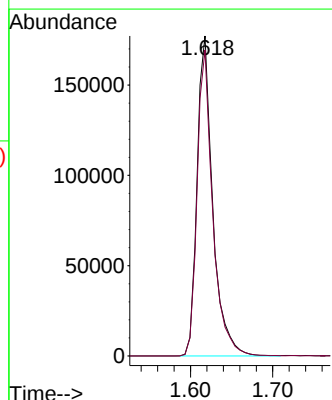
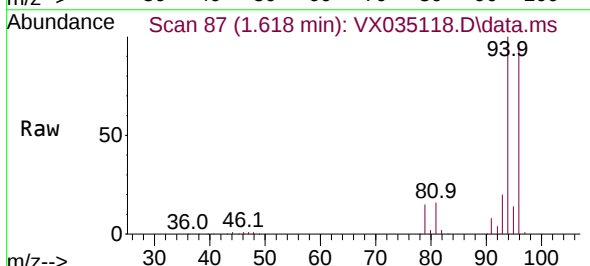
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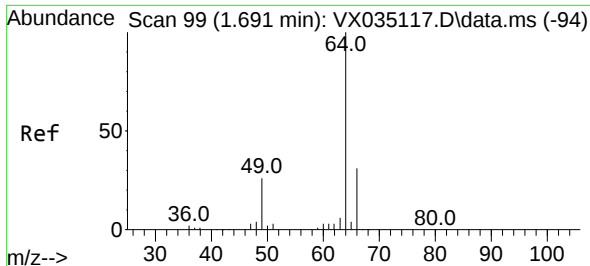
Tgt Ion: 62 Resp: 395073
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.5 41.7



#6
 Bromomethane
 Concen: 108.994 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX035118.D
 Acq: 18 Apr 2023 13:13

Tgt Ion: 94 Resp: 234994
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.7 121.9

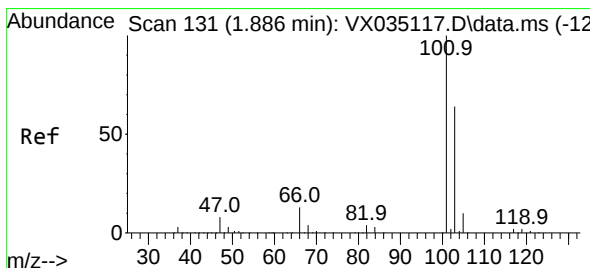
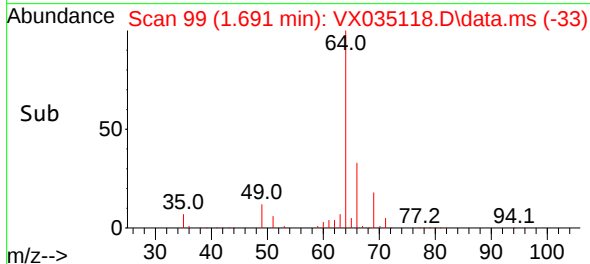
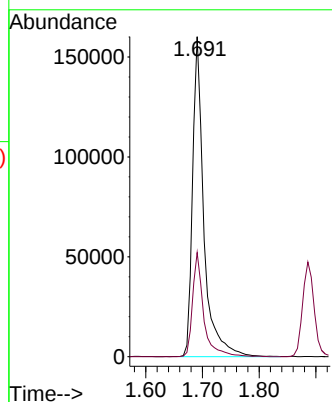
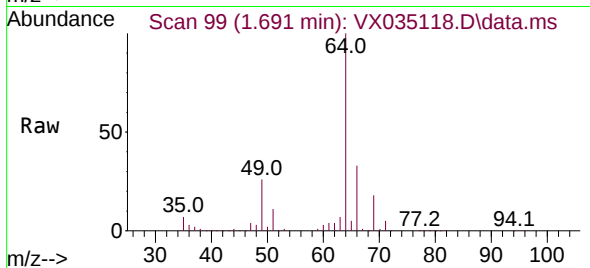




#8
Chloroethane
Concen: 109.619 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

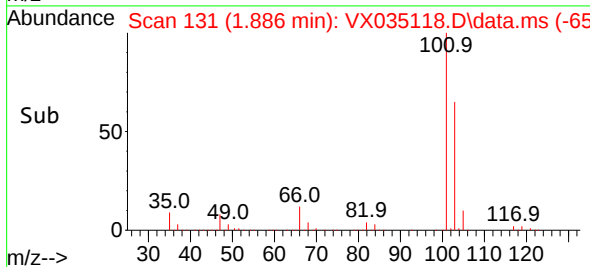
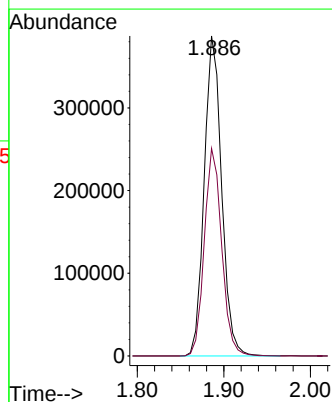
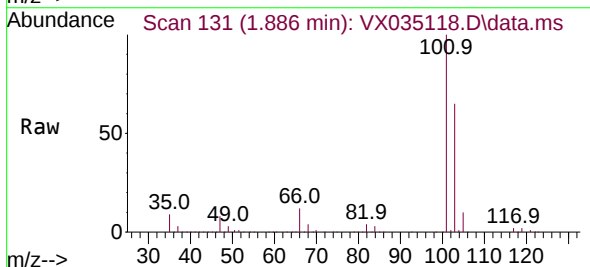
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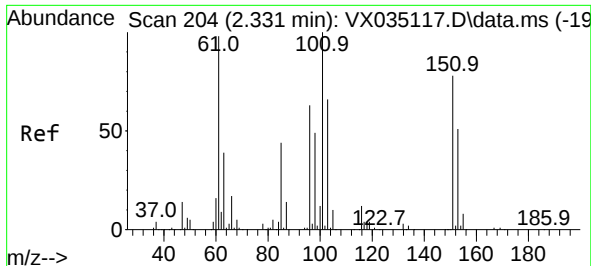
Tgt Ion: 64 Resp: 221934
Ion Ratio Lower Upper
64 100
66 32.5 21.9 40.7



#9
Trichlorofluoromethane
Concen: 109.827 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion:101 Resp: 539884
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

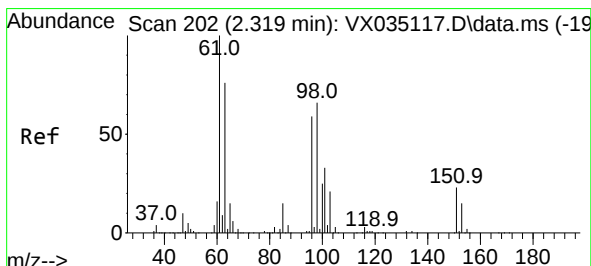
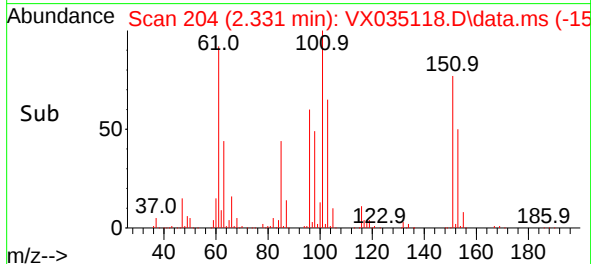
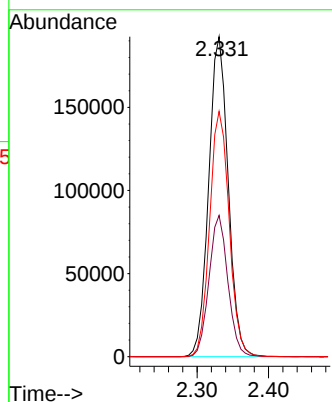
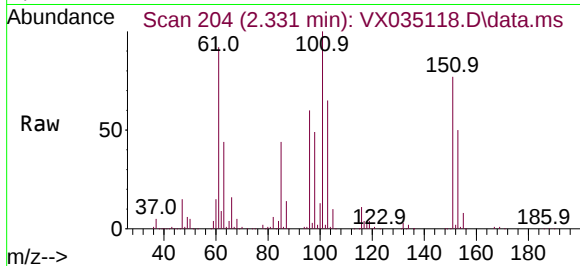




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 108.461 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX035118.D
 Acq: 18 Apr 2023 13:13

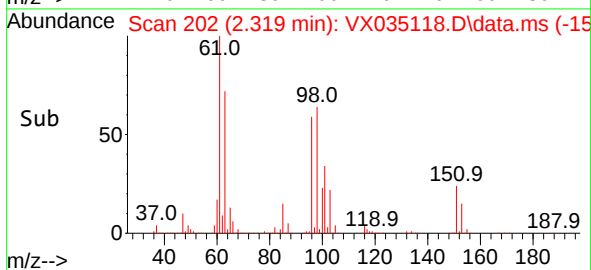
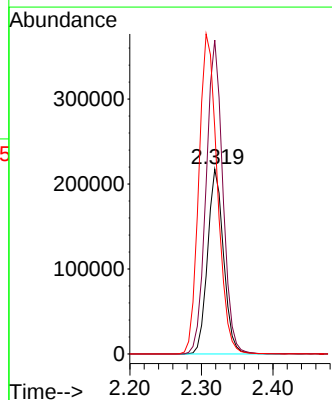
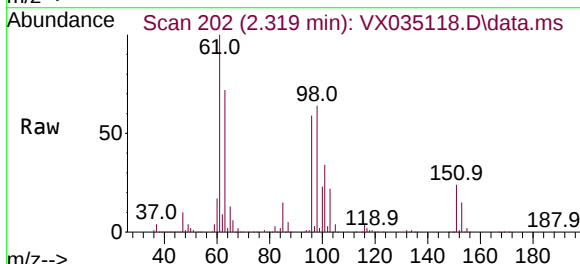
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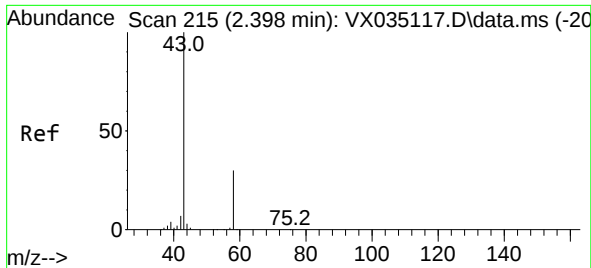
Tgt Ion:101 Resp: 364248
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.2 51.2
 151 76.9 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 110.309 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX035118.D
 Acq: 18 Apr 2023 13:13

Tgt Ion: 96 Resp: 337998
 Ion Ratio Lower Upper
 96 100
 61 169.8 119.0 221.0
 63 122.2 91.0 169.0





#13

Acetone

Concen: 211.342 ug/L

RT: 2.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX035118.D

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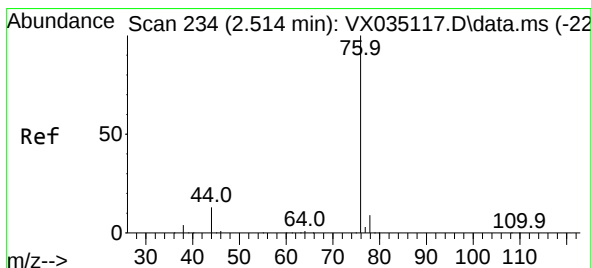
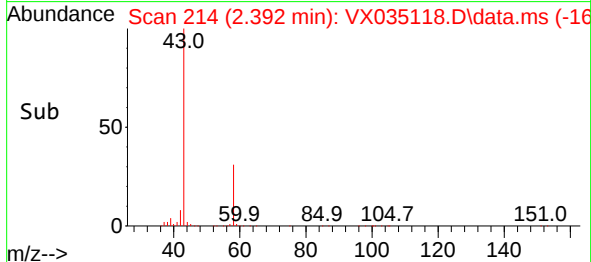
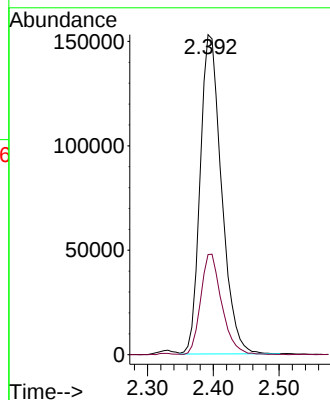
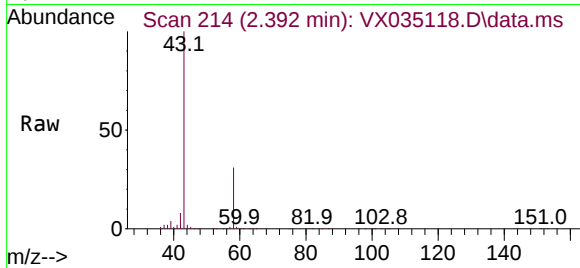
VSTD100635

Tgt Ion: 43 Resp: 345442

Ion Ratio Lower Upper

43 100

58 30.8 0.0 62.0



#14

Carbon disulfide

Concen: 115.741 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX035118.D

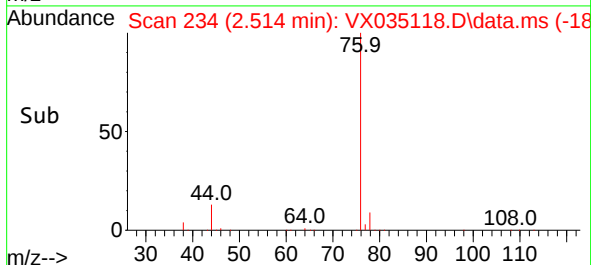
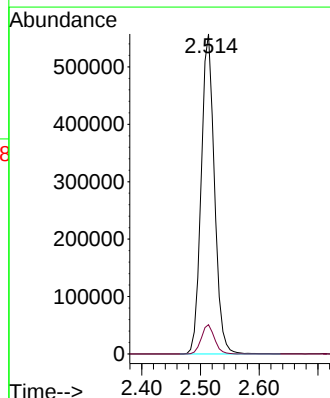
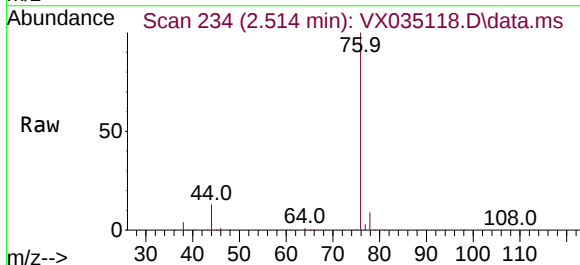
Acq: 18 Apr 2023 13:13

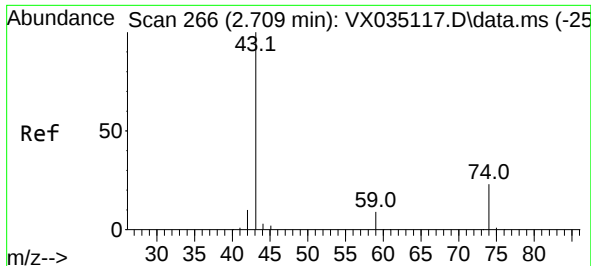
Tgt Ion: 76 Resp: 876206

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

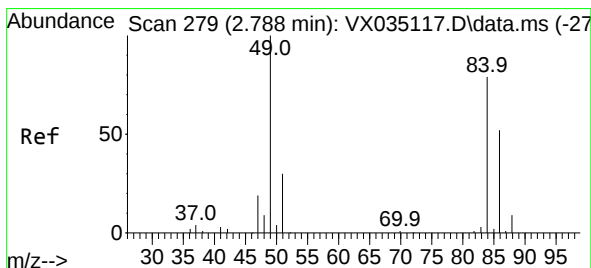
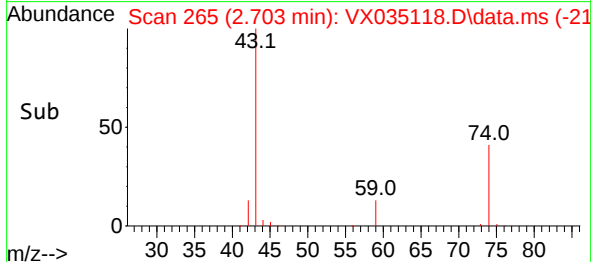
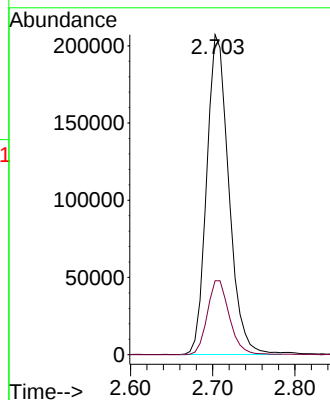
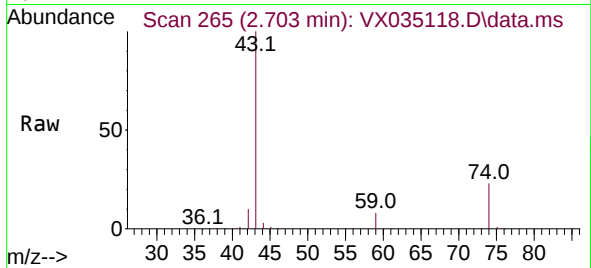




#15
Methyl Acetate
Concen: 110.636 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

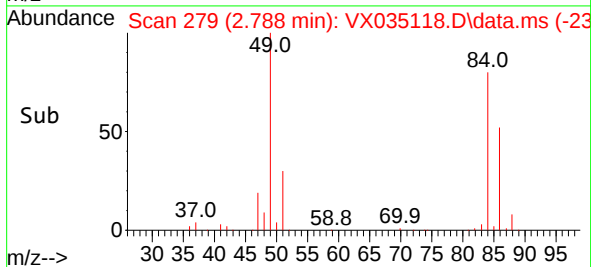
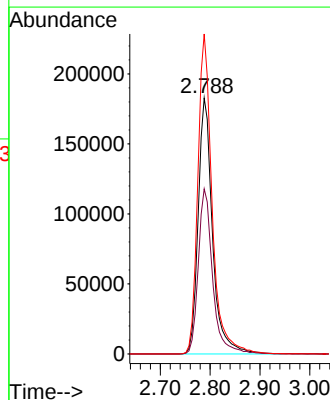
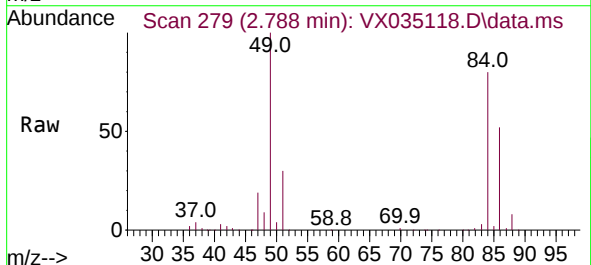
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

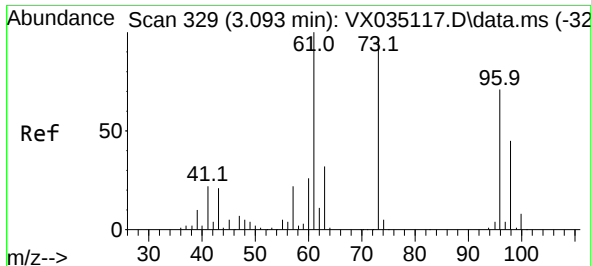
Tgt Ion: 43 Resp: 387378
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.4



#16
Methylene chloride
Concen: 107.296 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 84 Resp: 366068
Ion Ratio Lower Upper
84 100
86 64.5 45.8 85.0
49 125.0 88.7 164.7

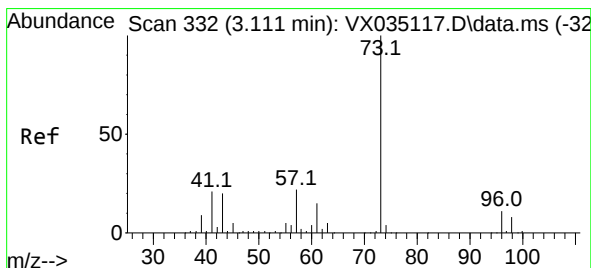
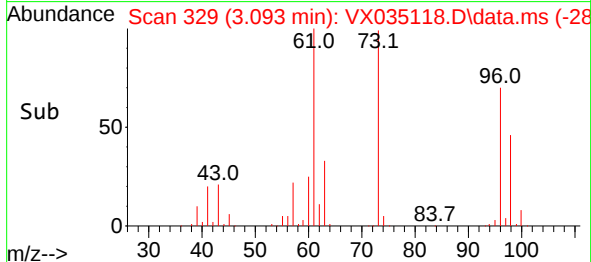
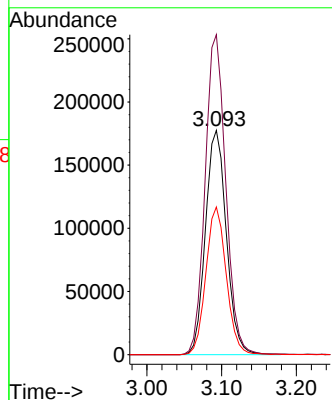
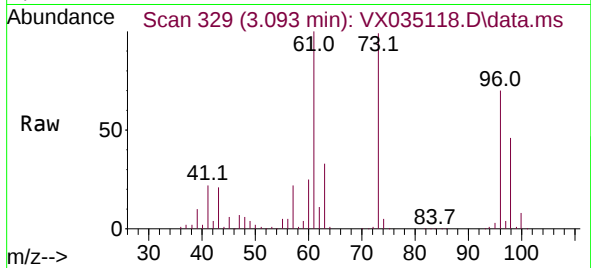




#17
trans-1,2-Dichloroethene
Concen: 109.356 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

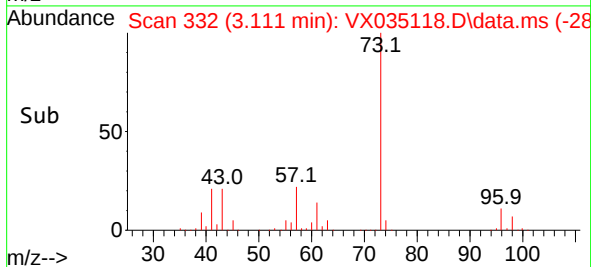
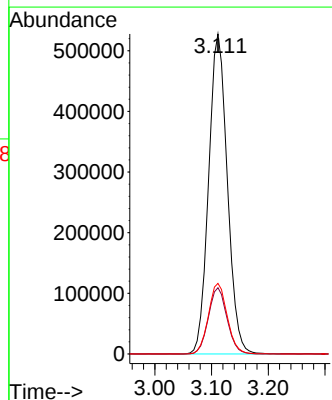
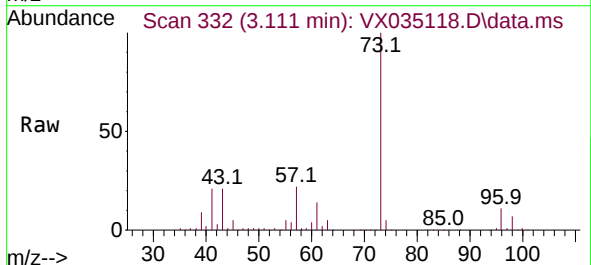
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

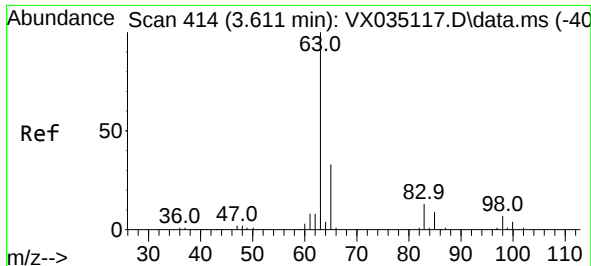
Tgt Ion: 96 Resp: 345039
Ion Ratio Lower Upper
96 100
61 142.7 98.8 183.4
98 65.9 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 110.680 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 73 Resp: 1207715
Ion Ratio Lower Upper
73 100
43 20.6 16.6 25.0
57 22.2 17.5 26.3

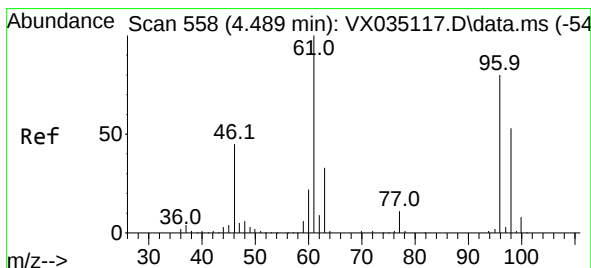
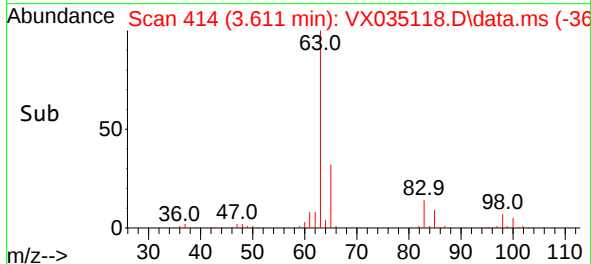
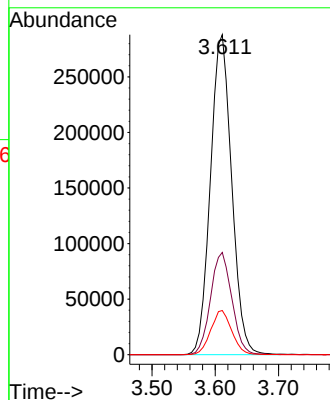
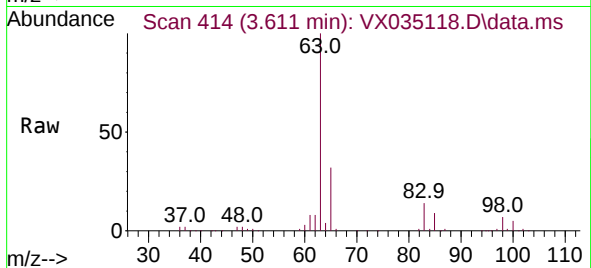




#19
1,1-Dichloroethane
Concen: 110.483 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

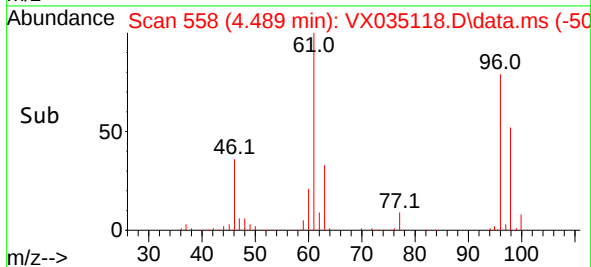
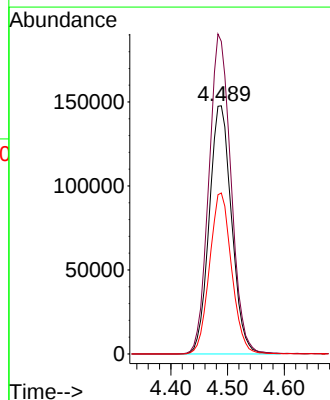
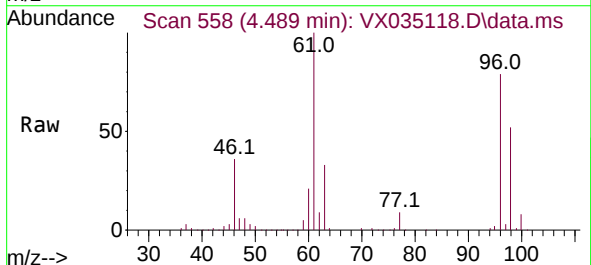
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

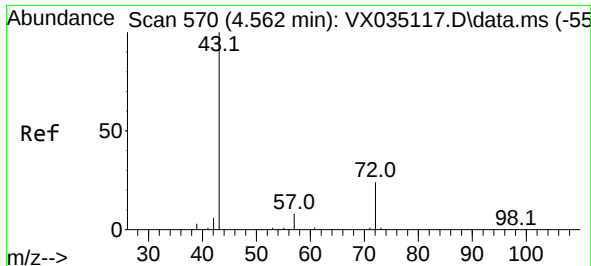
Tgt Ion: 63 Resp: 671988
Ion Ratio Lower Upper
63 100
65 31.9 22.8 42.4
83 13.8 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 109.735 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 96 Resp: 404803
Ion Ratio Lower Upper
96 100
61 125.9 87.8 163.2
98 64.9 46.3 86.1

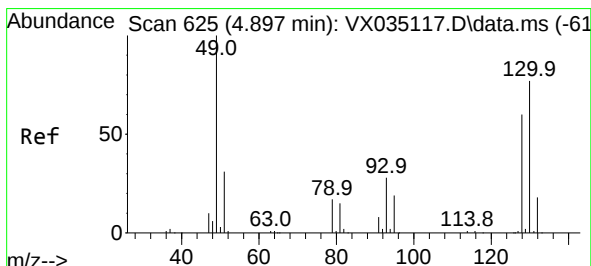
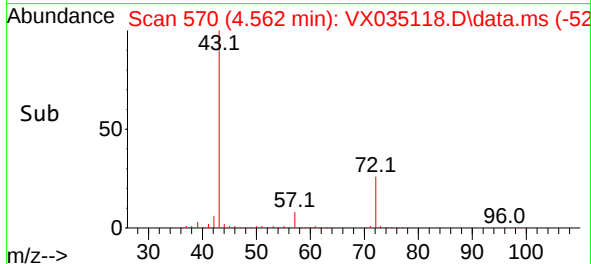
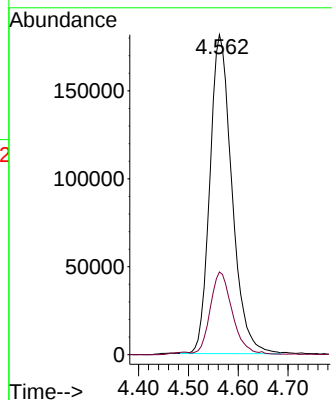
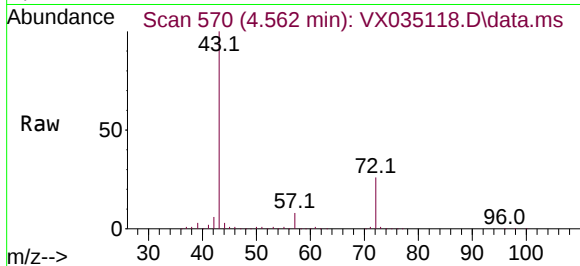




#22
2-Butanone
Concen: 222.028 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

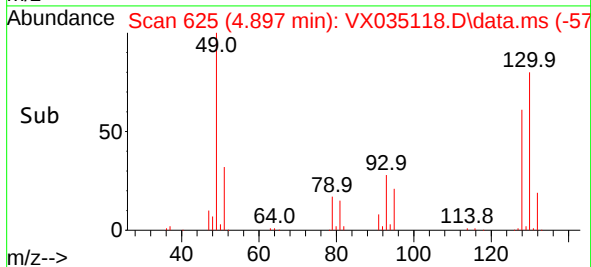
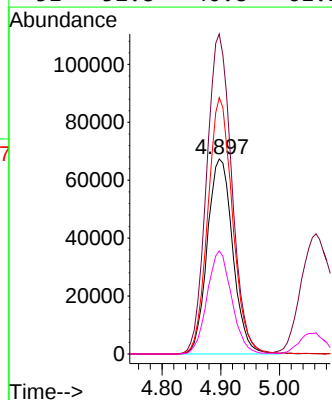
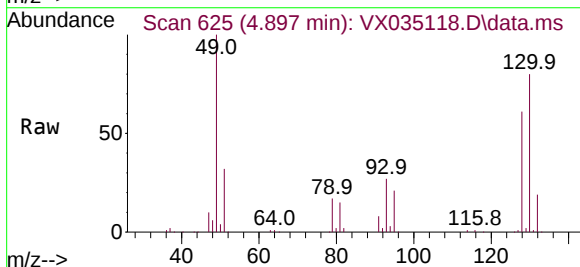
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

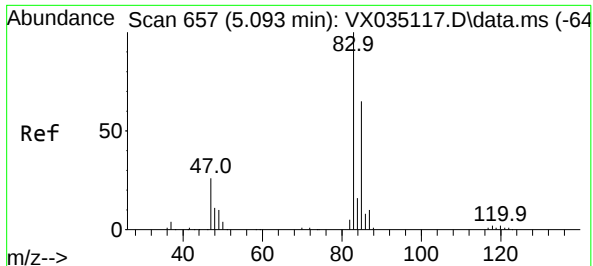
Tgt Ion: 43 Resp: 557040
Ion Ratio Lower Upper
43 100
72 25.7 12.4 37.2



#23
Bromochloromethane
Concen: 111.010 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 128 Resp: 202825
Ion Ratio Lower Upper
128 100
49 164.1 115.9 215.3
130 131.5 88.9 165.1
51 52.8 40.8 61.2

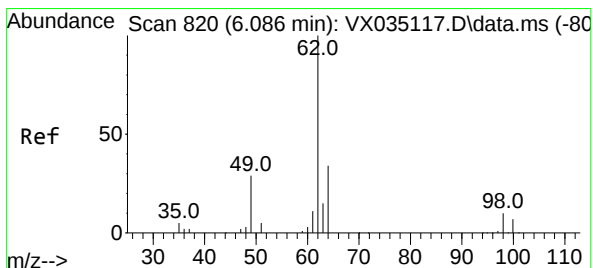
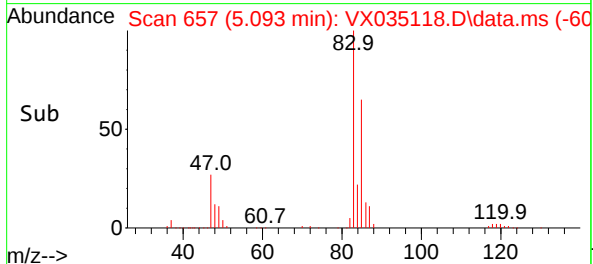
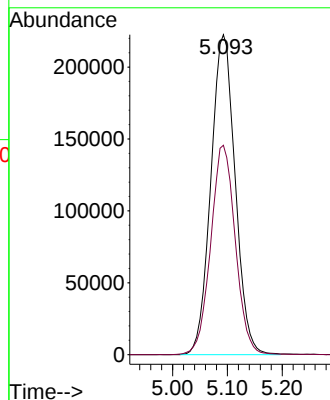
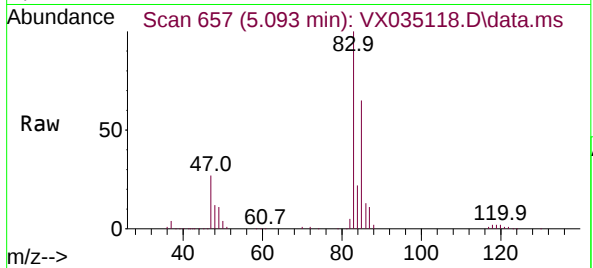




#25
Chloroform
Concen: 111.101 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

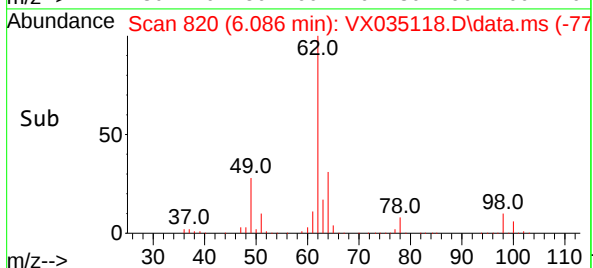
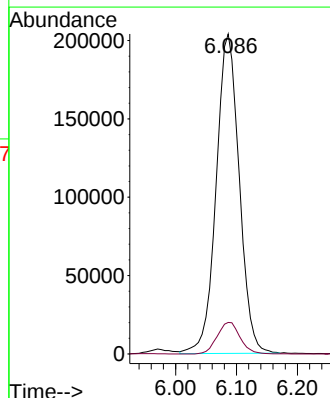
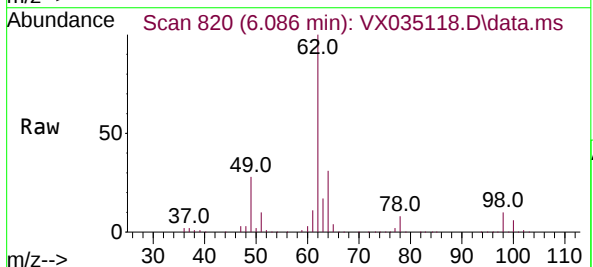
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

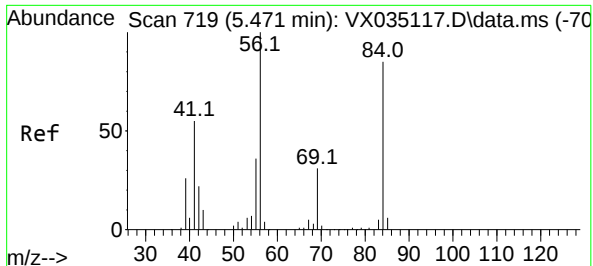
Tgt Ion: 83 Resp: 685129
Ion Ratio Lower Upper
83 100
85 65.4 46.0 85.4



#27
1,2-Dichloroethane
Concen: 108.457 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 62 Resp: 535690
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.8

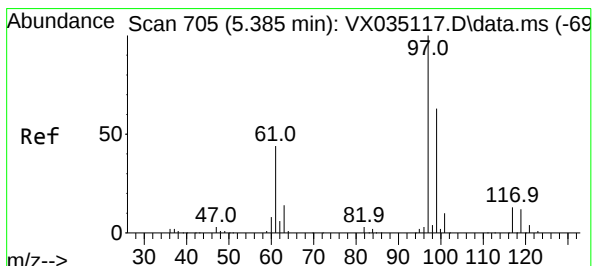
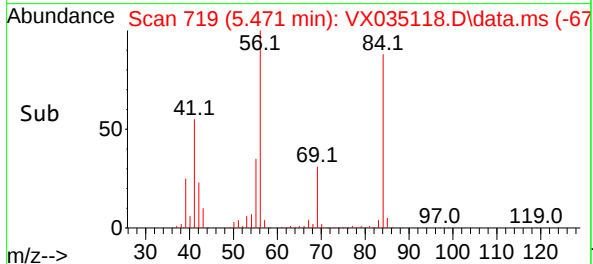
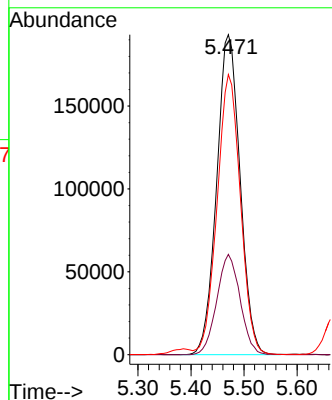
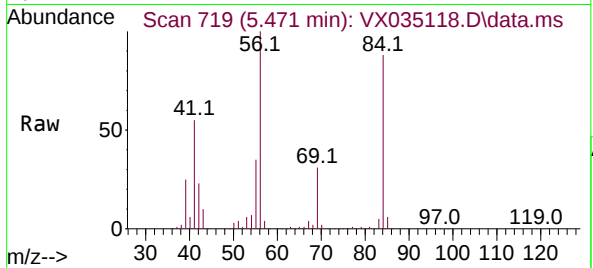




#29
Cyclohexane
Concen: 108.161 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

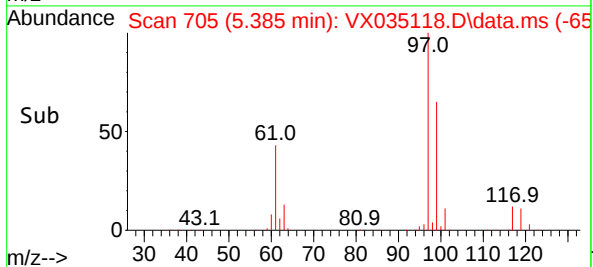
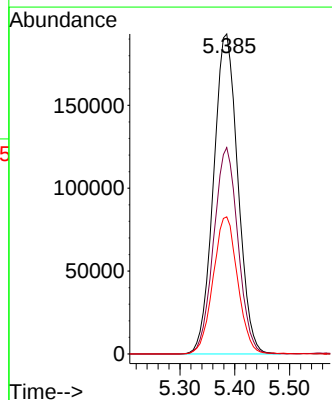
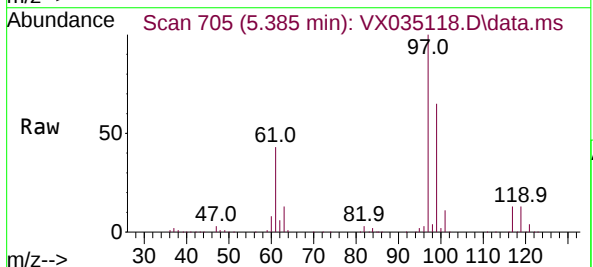
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

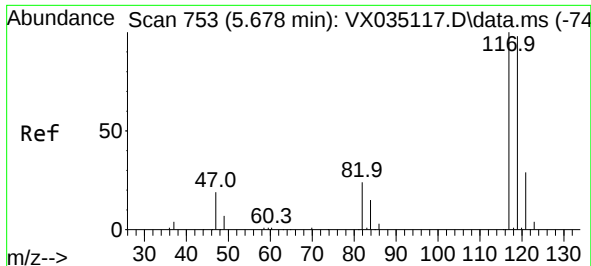
Tgt Ion: 56 Resp: 592945
Ion Ratio Lower Upper
56 100
69 31.1 25.1 37.7
84 87.0 70.1 105.1



#30
1,1,1-Trichloroethane
Concen: 112.028 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 97 Resp: 596134
Ion Ratio Lower Upper
97 100
99 64.5 50.6 75.8
61 43.2 34.9 52.3

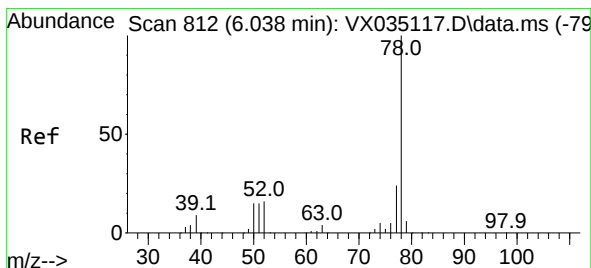
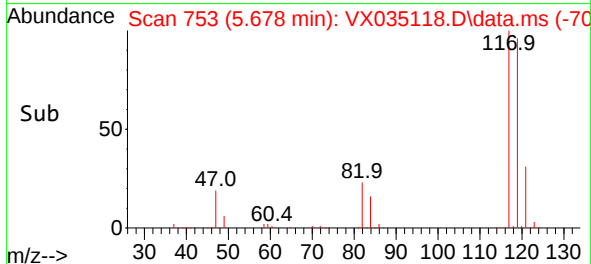
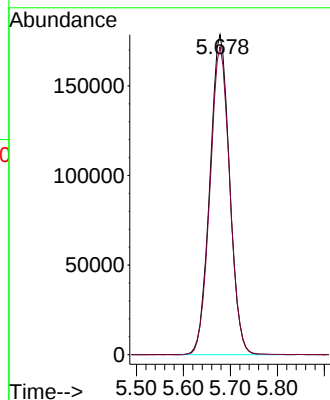
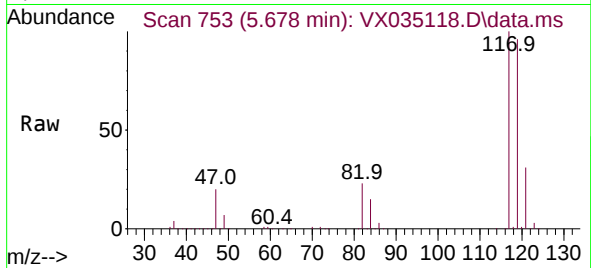




#31
Carbon tetrachloride
Concen: 115.270 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

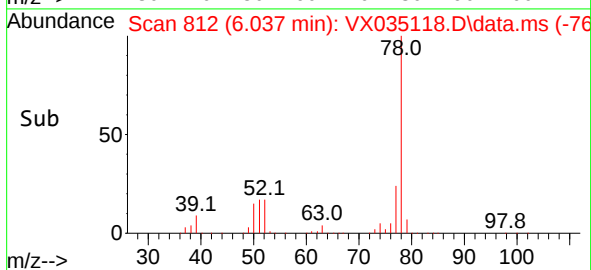
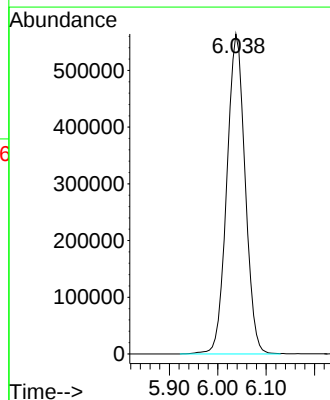
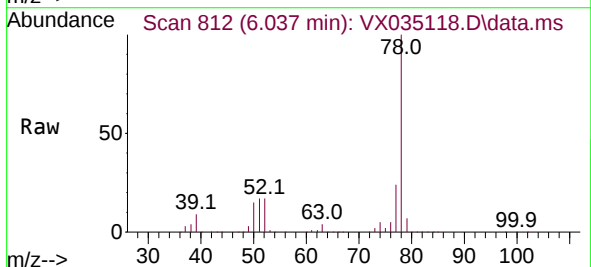
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

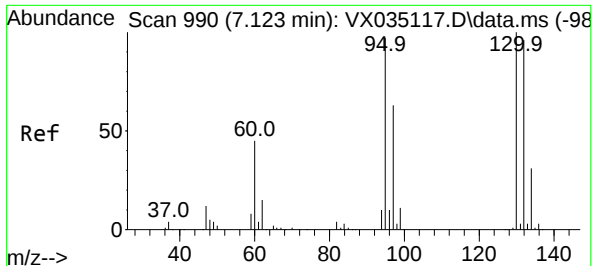
Tgt Ion:117 Resp: 520127
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7



#33
Benzene
Concen: 107.962 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 78 Resp: 1483403



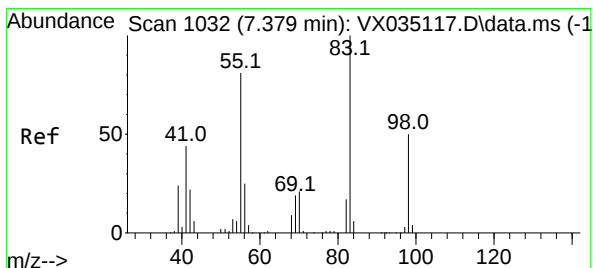
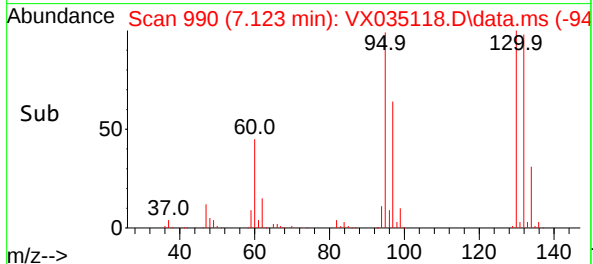
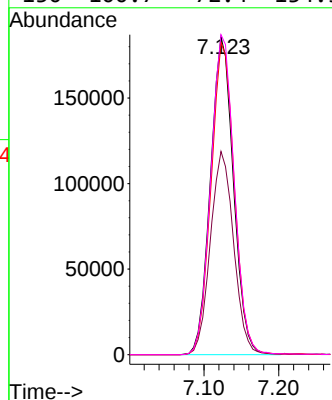
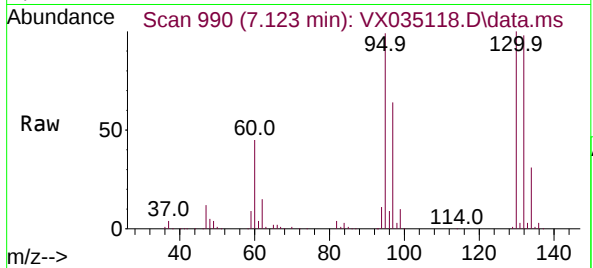


#34
Trichloroethene
Concen: 108.500 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

Tgt Ion: 95 Resp: 396567

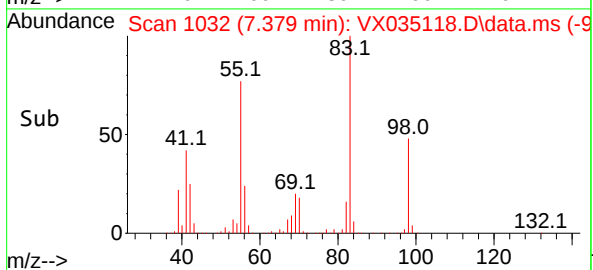
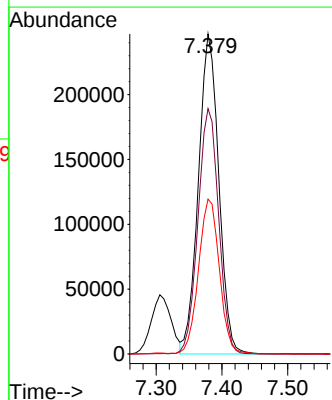
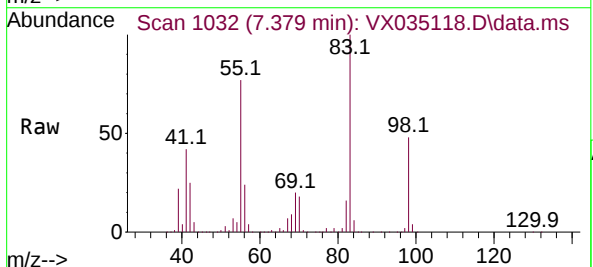
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.6	84.8
132	98.2	69.7	129.4
130	100.7	72.4	134.5

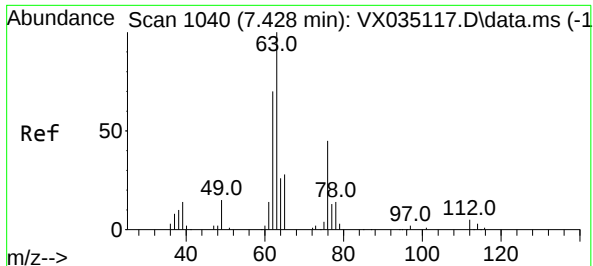


#35
Methylcyclohexane
Concen: 107.884 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 83 Resp: 531036

Ion	Ratio	Lower	Upper
83	100		
55	77.7	62.2	93.2
98	49.6	39.3	58.9





#37

1,2-Dichloropropane

Concen: 109.569 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

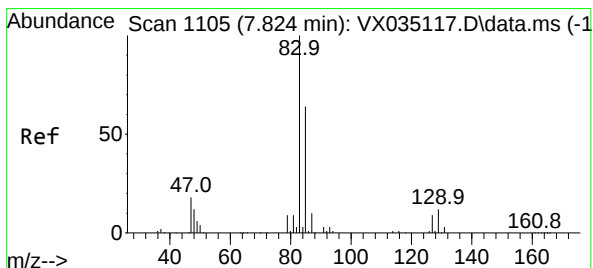
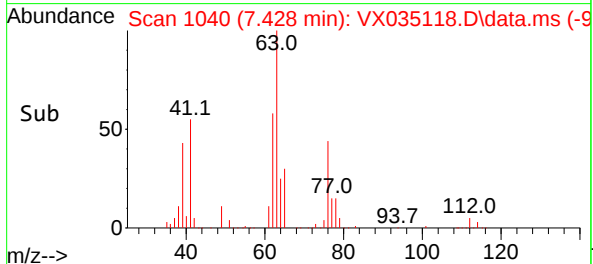
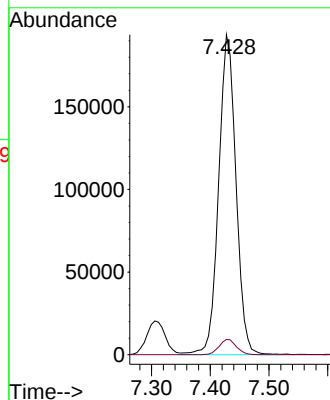
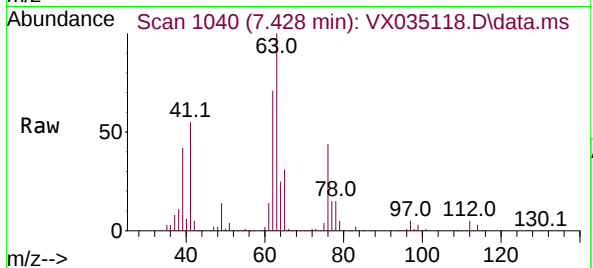
VSTD100635

Tgt Ion: 63 Resp: 396361

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 115.784 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

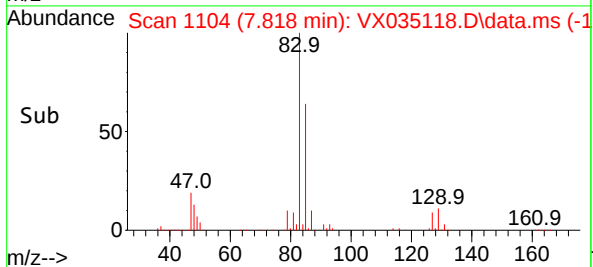
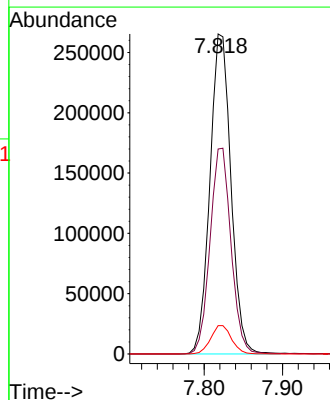
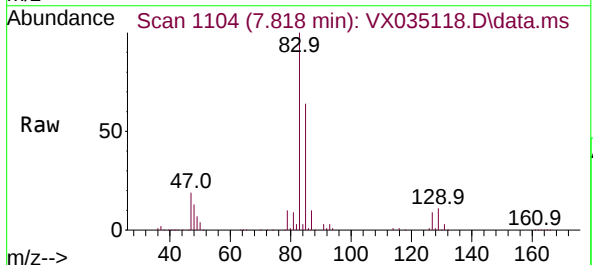
Tgt Ion: 83 Resp: 494886

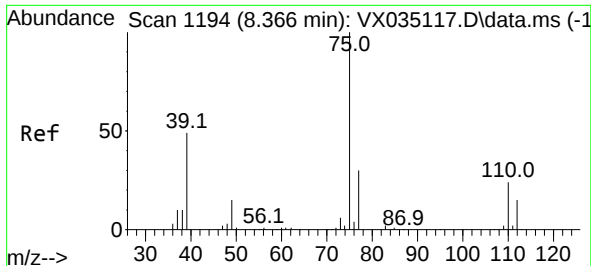
Ion Ratio Lower Upper

83 100

85 64.1 44.7 82.9

127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 119.400 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

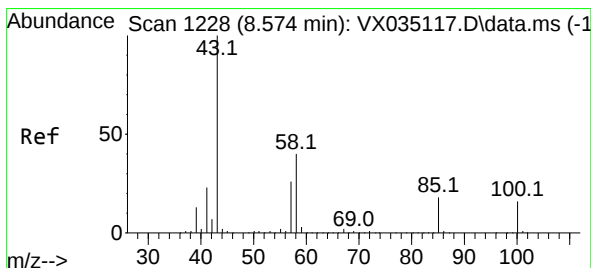
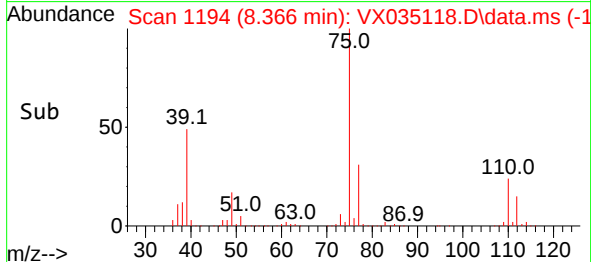
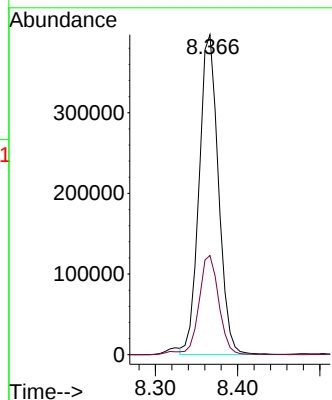
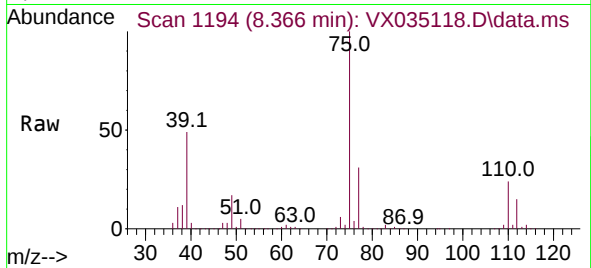
VSTD100635

Tgt Ion: 75 Resp: 645832

Ion Ratio Lower Upper

75 100

77 31.0 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 221.883 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

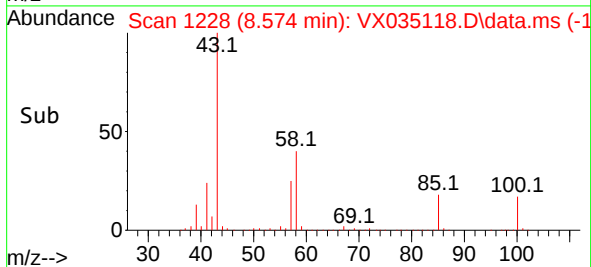
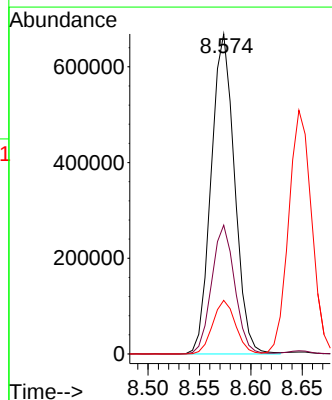
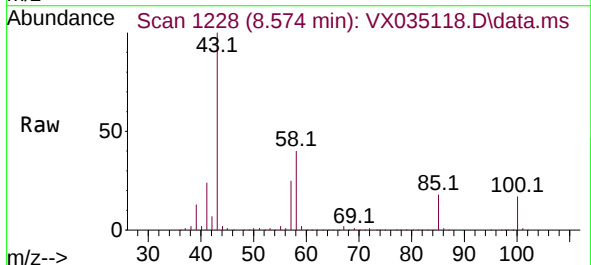
Tgt Ion: 43 Resp: 1058065

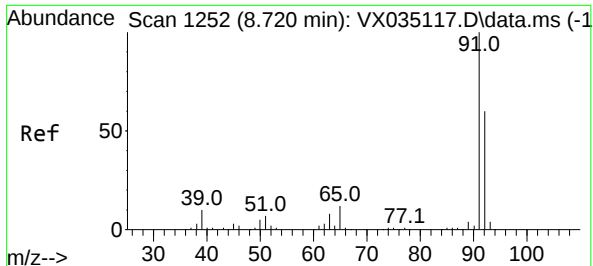
Ion Ratio Lower Upper

43 100

58 39.7 31.5 47.3

100 16.4 12.8 19.2





#42

Toluene

Concen: 108.953 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

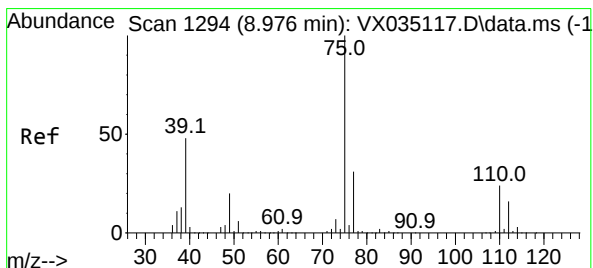
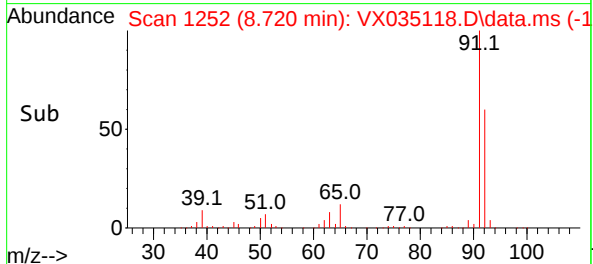
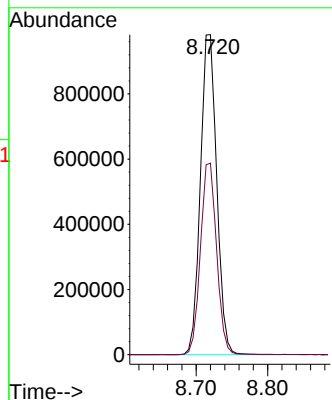
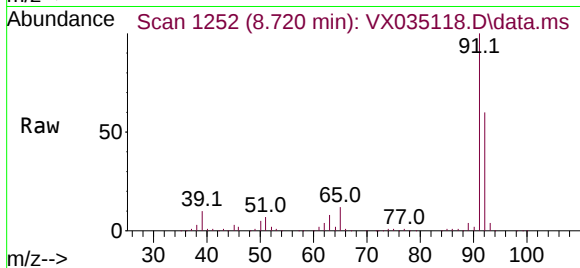
VSTD100635

Tgt Ion: 91 Resp: 1553179

Ion Ratio Lower Upper

91 100

92 59.8 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 121.470 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035118.D

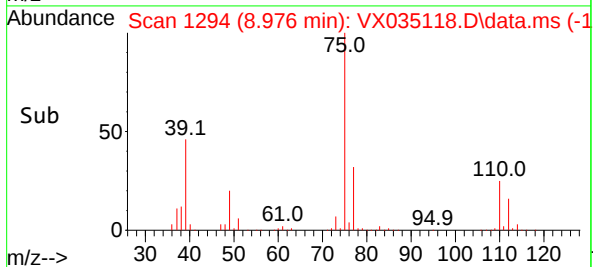
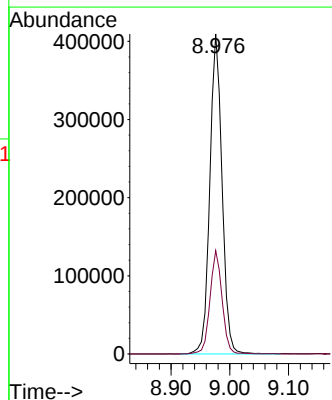
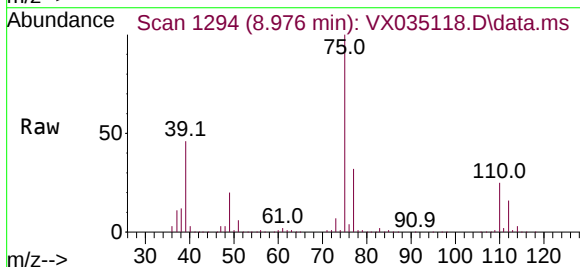
Acq: 18 Apr 2023 13:13

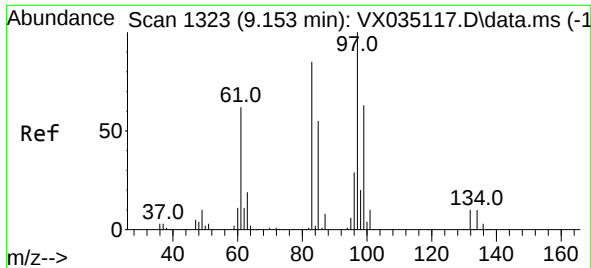
Tgt Ion: 75 Resp: 592012

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8



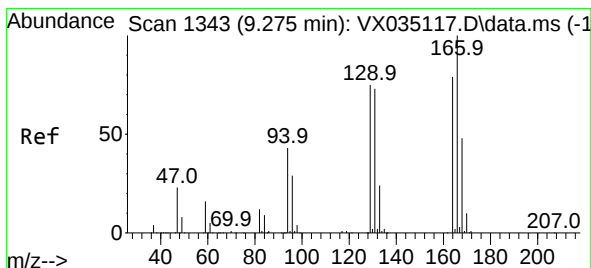
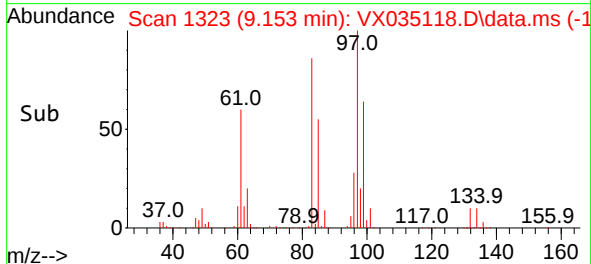
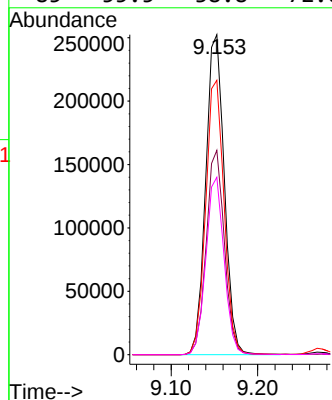
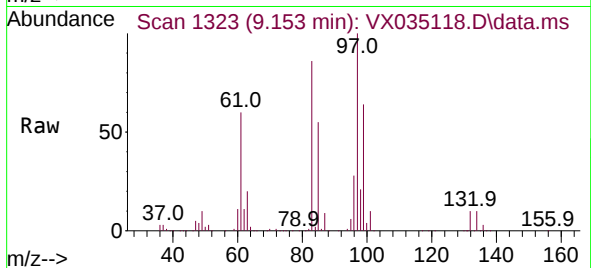


#45
1,1,2-Trichloroethane
Concen: 109.566 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

Tgt Ion: 97 Resp: 376109

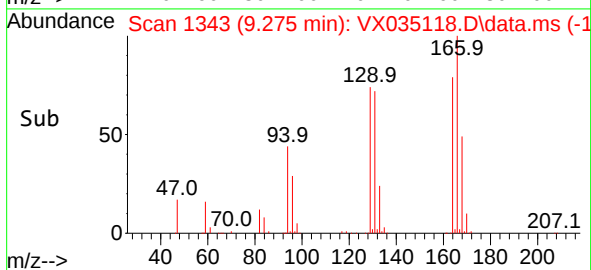
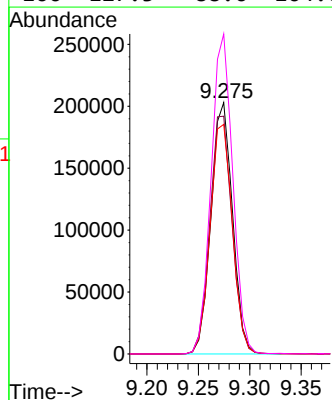
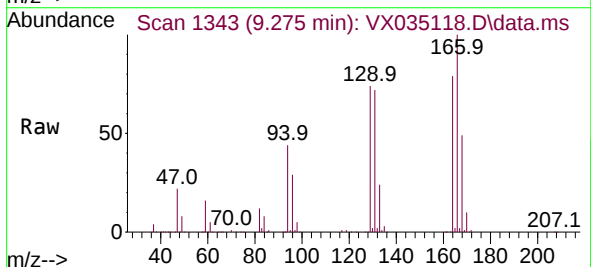
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.8	81.4
83	85.8	59.8	111.0
85	55.5	38.8	72.0

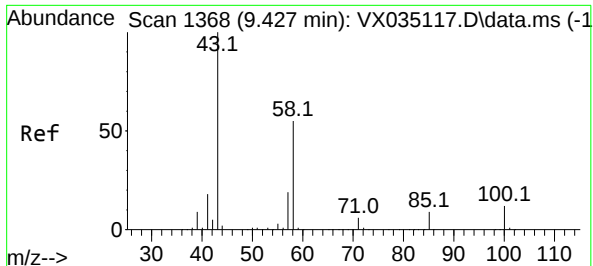


#46
Tetrachloroethene
Concen: 108.428 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 164 Resp: 295207

Ion	Ratio	Lower	Upper
164	100		
129	94.6	66.1	122.8
131	91.4	65.0	120.8
166	127.3	88.6	164.6





#48

2-Hexanone

Concen: 221.396 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

VSTD100635

Tgt Ion: 43 Resp: 801588

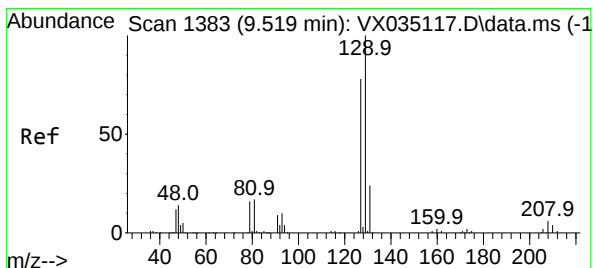
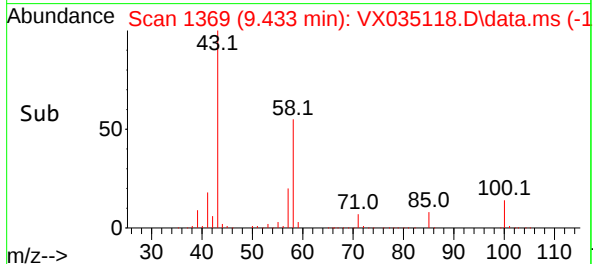
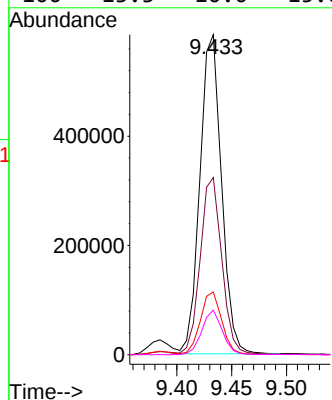
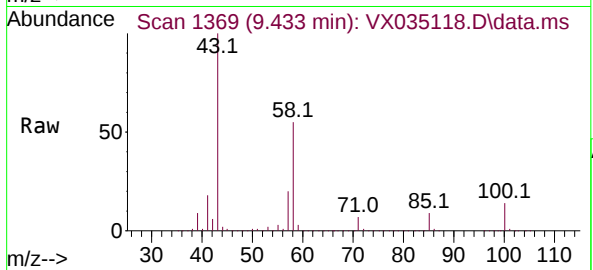
Ion Ratio Lower Upper

43 100

58 55.3 43.2 64.8

57 19.5 15.4 23.0

100 13.3 10.0 15.0



#49

Dibromochloromethane

Concen: 119.212 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX035118.D

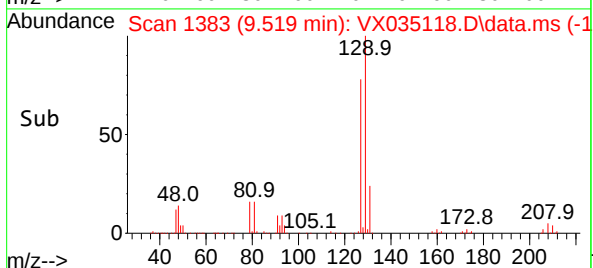
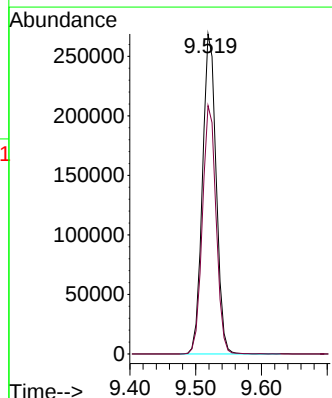
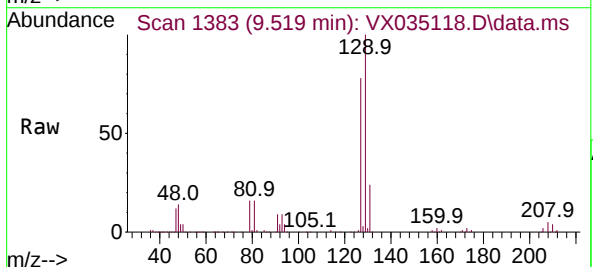
Acq: 18 Apr 2023 13:13

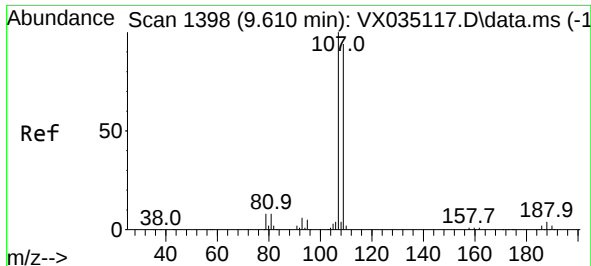
Tgt Ion:129 Resp: 388903

Ion Ratio Lower Upper

129 100

127 77.6 54.8 101.8

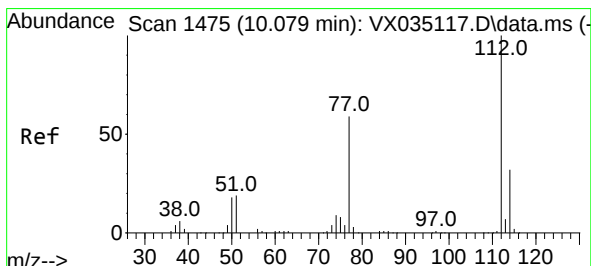
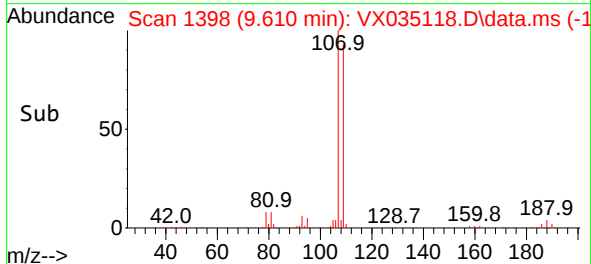
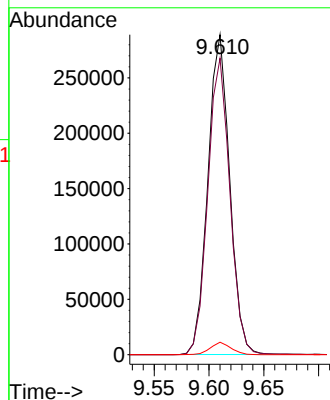
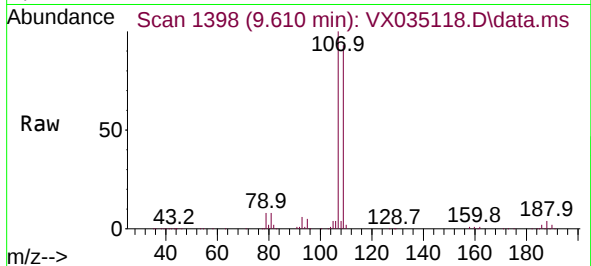




#50
1,2-Dibromoethane
Concen: 112.083 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

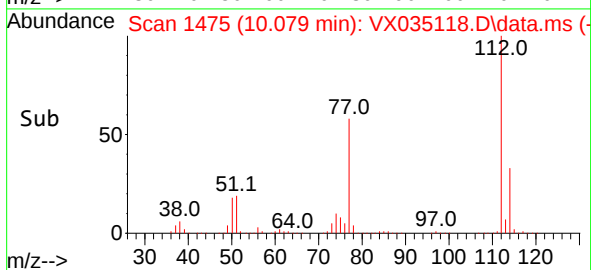
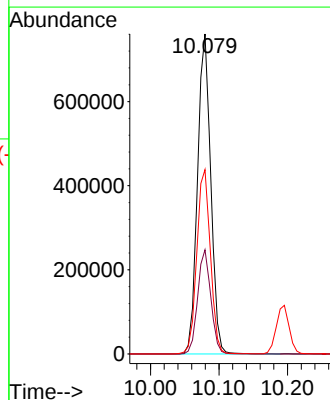
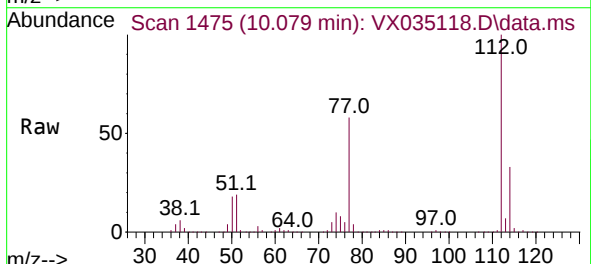
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

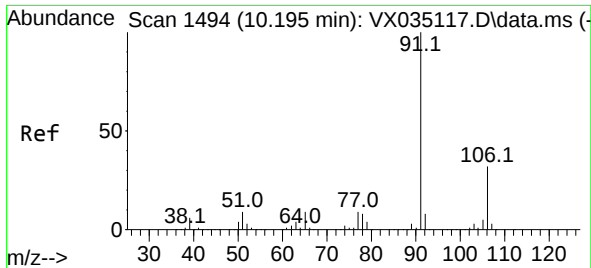
Tgt Ion:107 Resp: 400344
Ion Ratio Lower Upper
107 100
109 92.6 65.6 121.8
188 3.9 3.3 4.9



#51
Chlorobenzene
Concen: 108.727 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion:112 Resp: 1021132
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 57.6 47.0 70.6

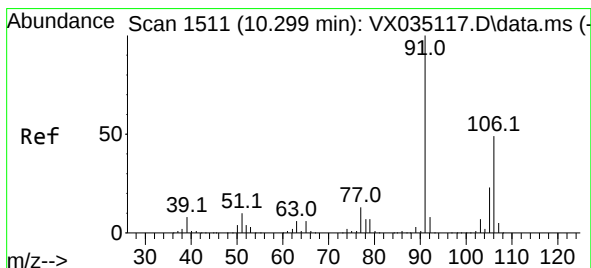
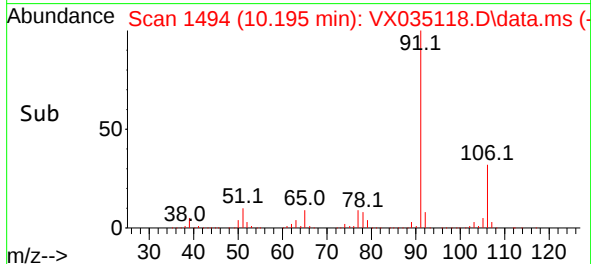
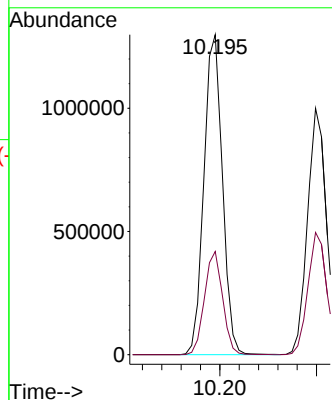
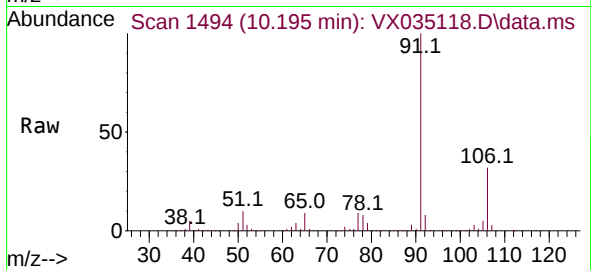




#52
Ethylbenzene
Concen: 109.612 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

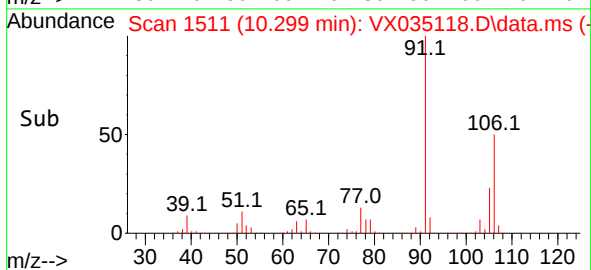
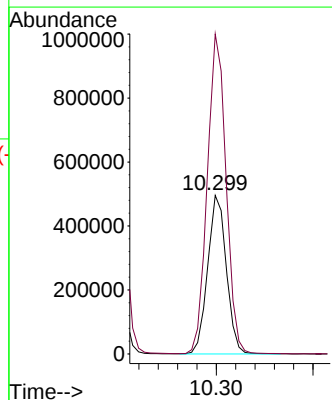
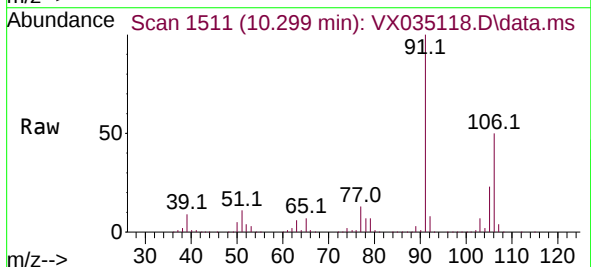
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

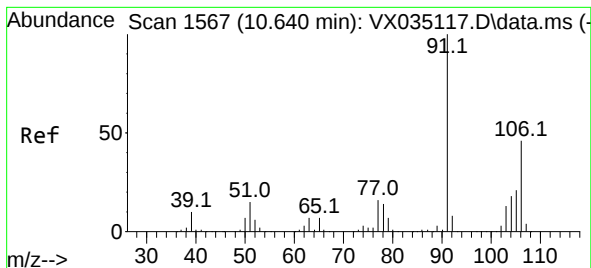
Tgt Ion: 91 Resp: 1727318
Ion Ratio Lower Upper
91 100
106 32.3 22.6 42.0



#53
m,p-Xylene
Concen: 110.516 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 106 Resp: 666893
Ion Ratio Lower Upper
106 100
91 201.7 142.7 264.9





#54

o-Xylene

Concen: 110.615 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

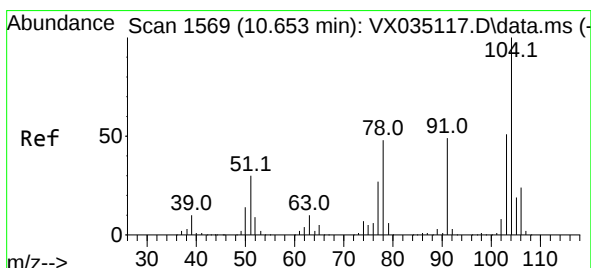
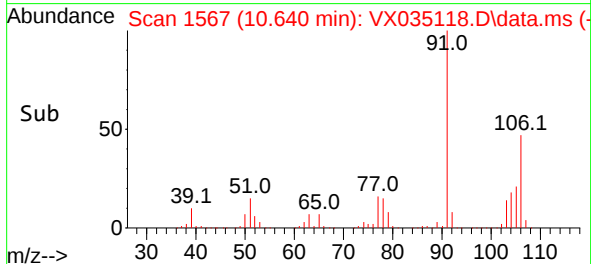
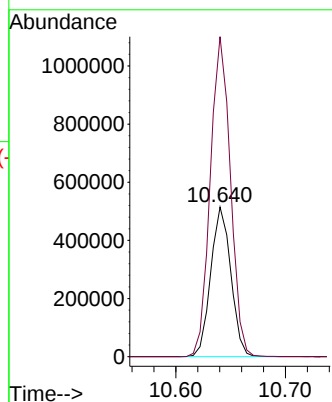
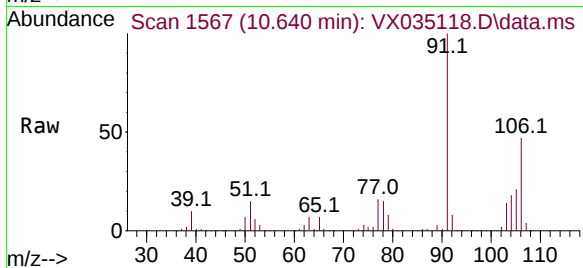
VSTD100635

Tgt Ion:106 Resp: 656253

Ion Ratio Lower Upper

106 100

91 213.9 153.9 285.7



#55

Styrene

Concen: 112.062 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035118.D

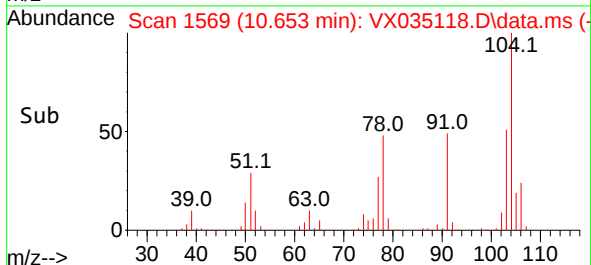
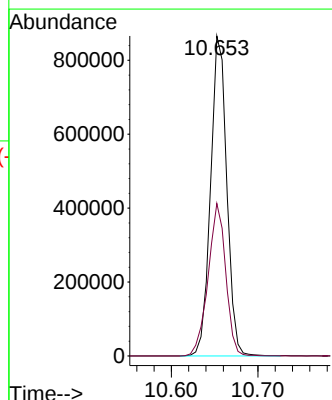
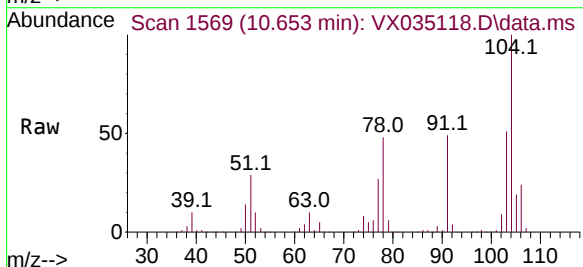
Acq: 18 Apr 2023 13:13

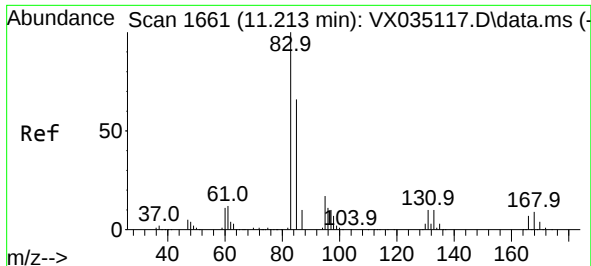
Tgt Ion:104 Resp: 1126422

Ion Ratio Lower Upper

104 100

78 47.7 33.5 62.3





#57

1,1,2,2-Tetrachloroethane

Concen: 110.565 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

VSTD100635

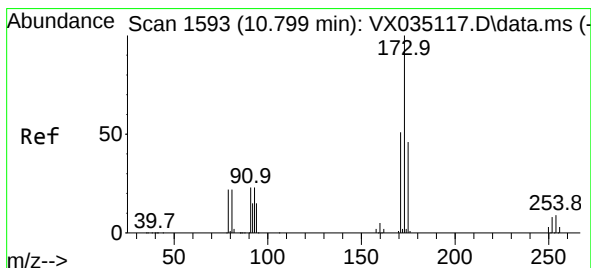
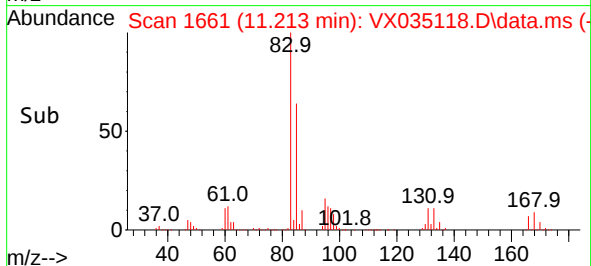
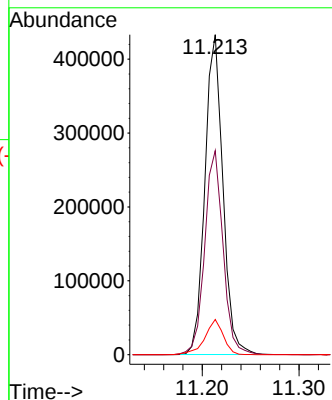
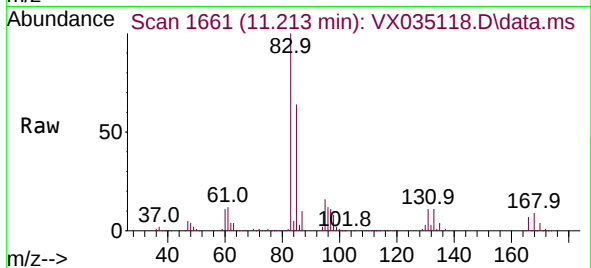
Tgt Ion: 83 Resp: 559350

Ion Ratio Lower Upper

83 100

85 63.7 46.0 85.4

131 11.0 8.3 12.5



#59

Bromoform

Concen: 124.018 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

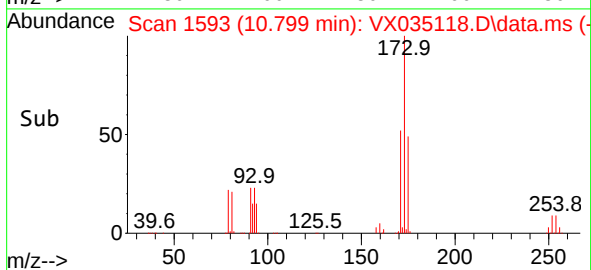
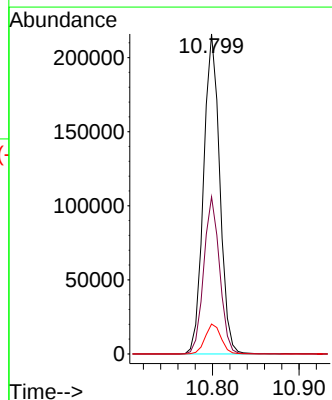
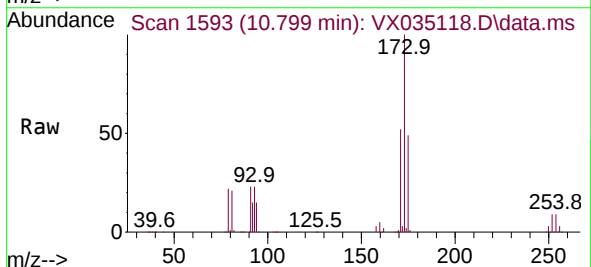
Tgt Ion:173 Resp: 280087

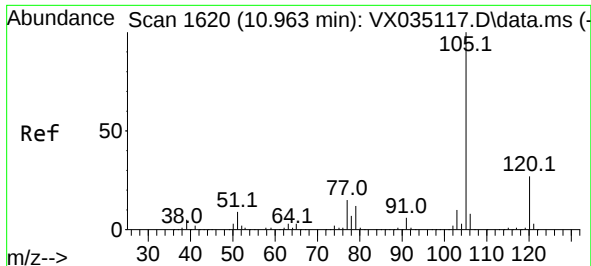
Ion Ratio Lower Upper

173 100

175 48.2 38.2 57.4

254 9.2 7.4 11.0

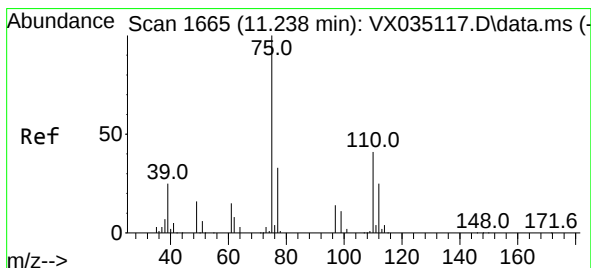
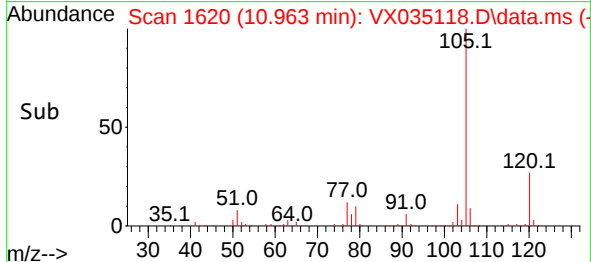
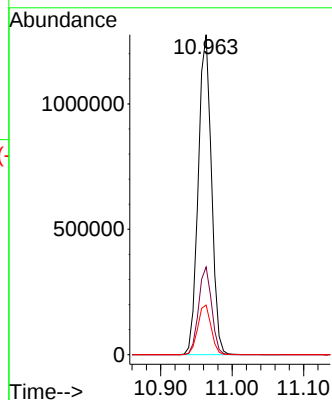
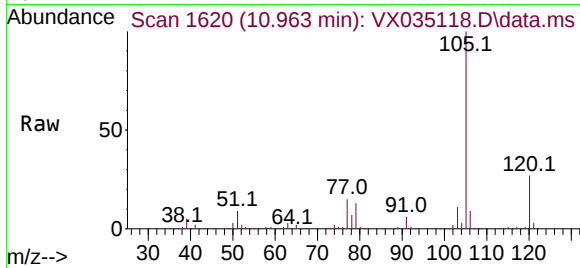




#60
Isopropylbenzene
Concen: 109.284 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

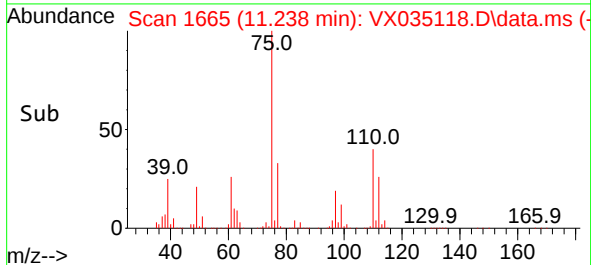
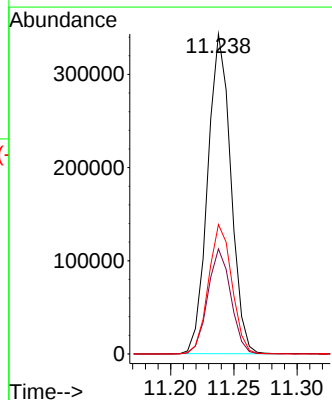
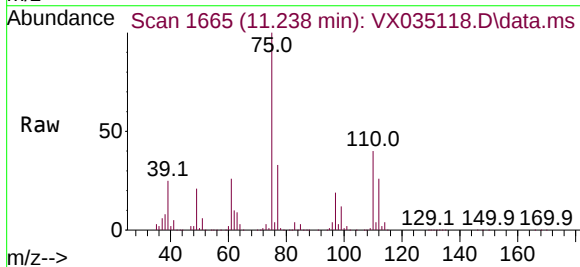
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

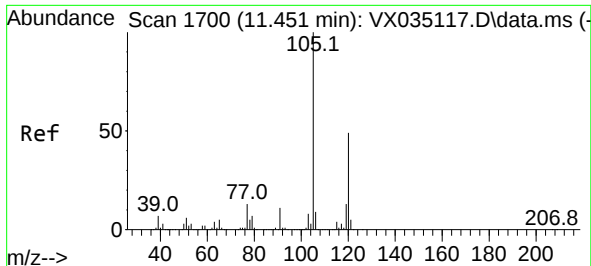
Tgt Ion:105 Resp: 1630307
Ion Ratio Lower Upper
105 100
120 27.2 21.5 32.3
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 107.713 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 75 Resp: 436303
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4
110 41.1 32.5 48.7

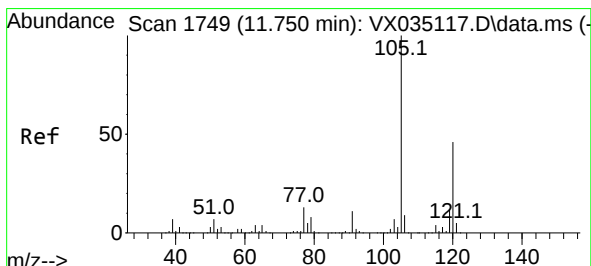
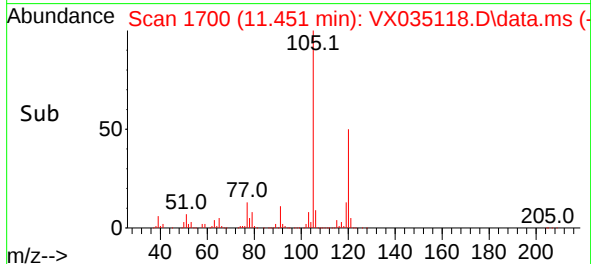
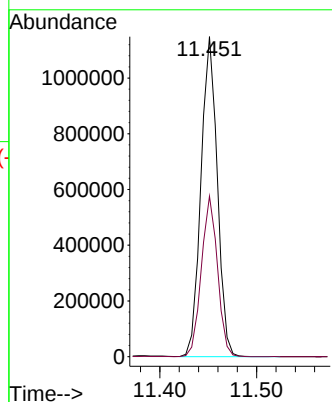
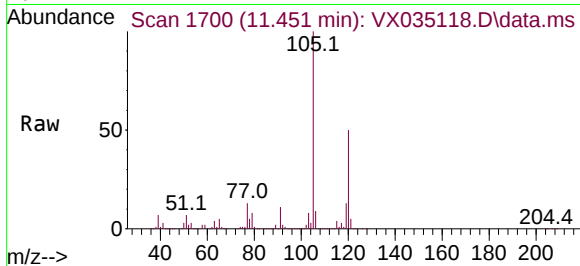




#62
1,3,5-Trimethylbenzene
Concen: 110.555 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

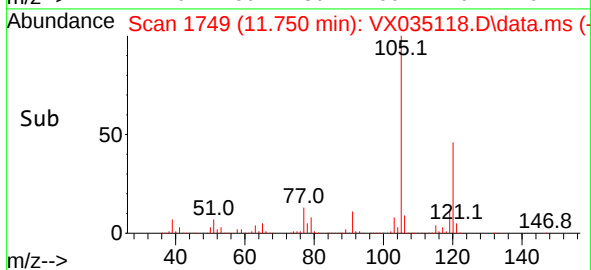
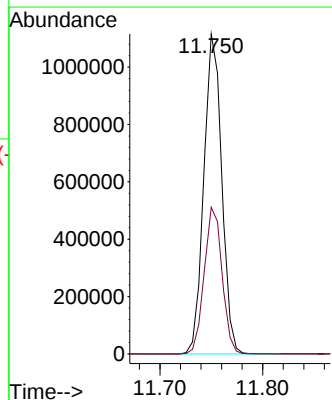
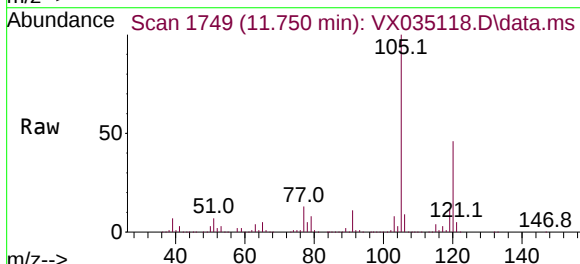
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

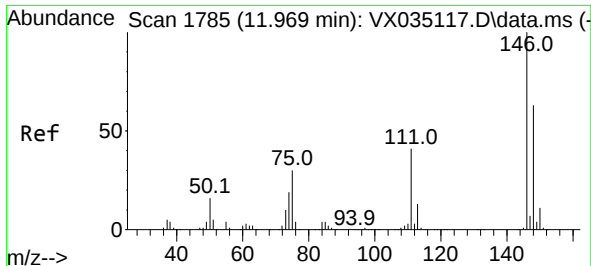
Tgt Ion:105 Resp: 1348768
Ion Ratio Lower Upper
105 100
120 49.5 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 111.441 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion:105 Resp: 1351896
Ion Ratio Lower Upper
105 100
120 45.7 36.6 55.0

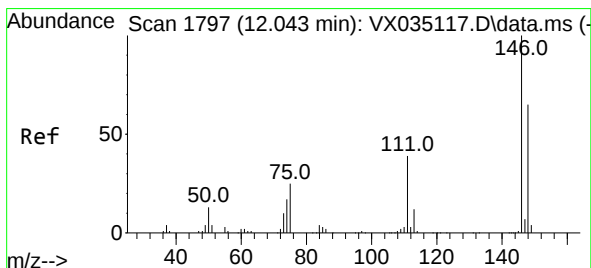
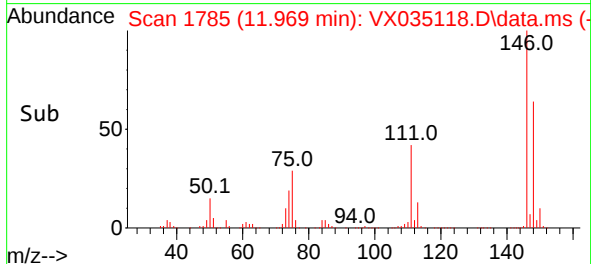
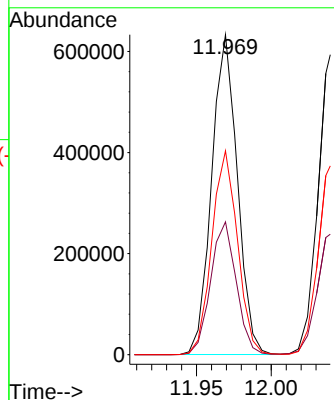
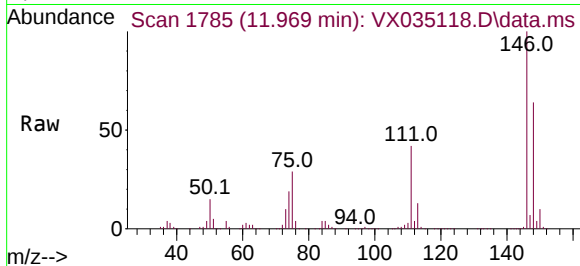




#64
1,3-Dichlorobenzene
Concen: 110.666 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

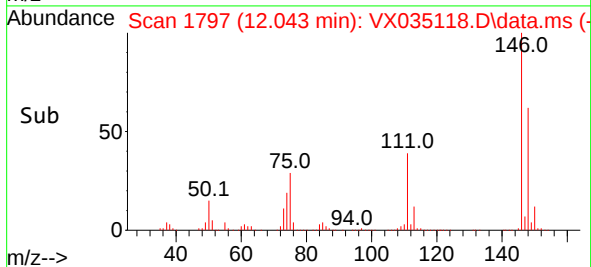
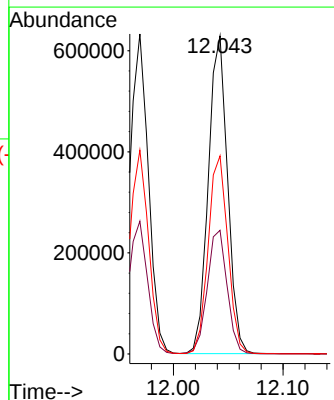
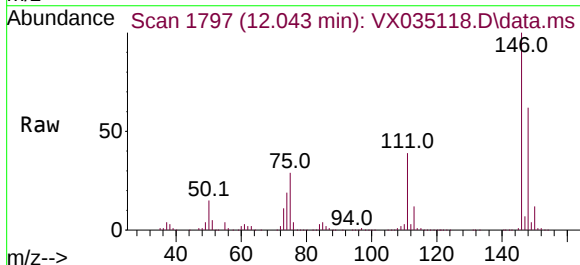
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

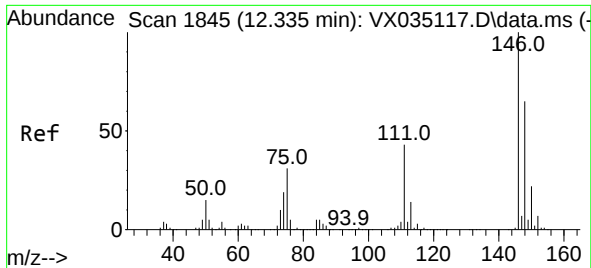
Tgt Ion:146 Resp: 752955
Ion Ratio Lower Upper
146 100
111 41.5 28.9 53.7
148 63.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 110.382 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion:146 Resp: 768498
Ion Ratio Lower Upper
146 100
111 38.9 27.9 51.7
148 62.3 45.9 85.3

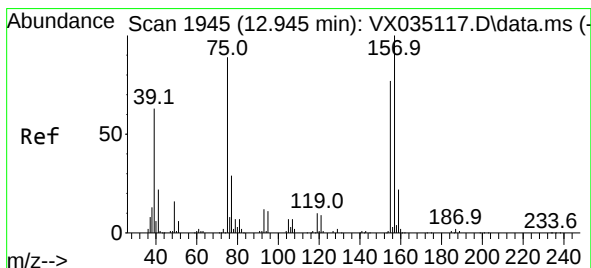
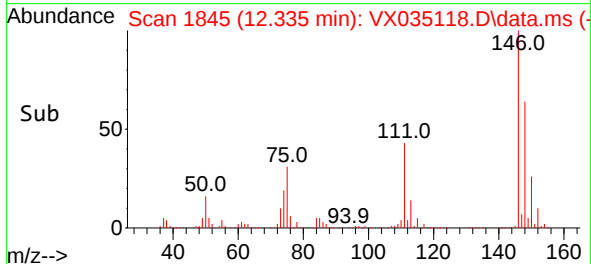
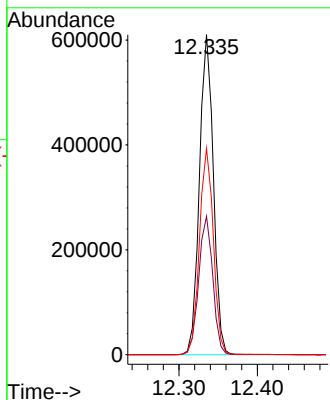
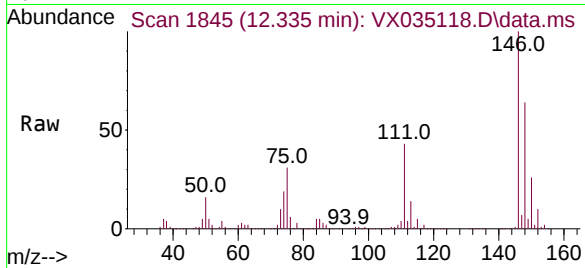




#67
1,2-Dichlorobenzene
Concen: 109.184 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

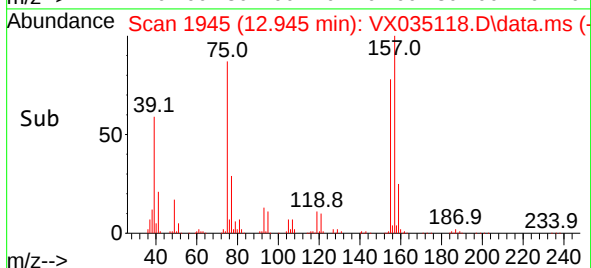
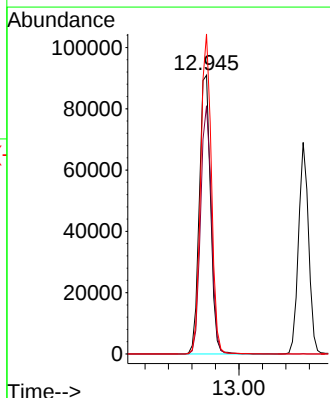
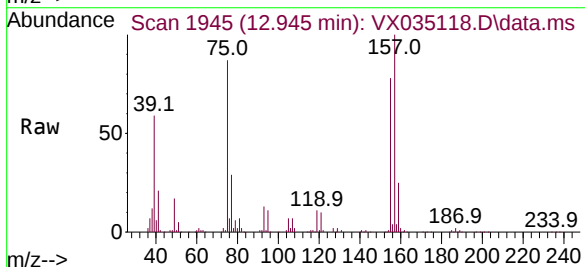
Instrument :
MSVOA_X
ClientSampleId :
VSTD100635

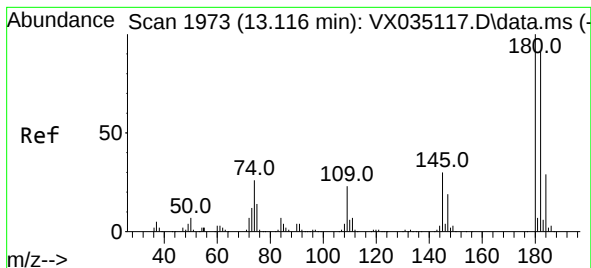
Tgt Ion:146 Resp: 753237
Ion Ratio Lower Upper
146 100
111 43.2 34.7 52.1
148 64.5 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 120.318 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035118.D
Acq: 18 Apr 2023 13:13

Tgt Ion: 75 Resp: 120257
Ion Ratio Lower Upper
75 100
155 89.0 69.9 104.9
157 114.8 90.4 135.6





#69

1,3,5-Trichlorobenzene

Concen: 111.977 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

VSTD100635

Tgt Ion:180 Resp: 471002

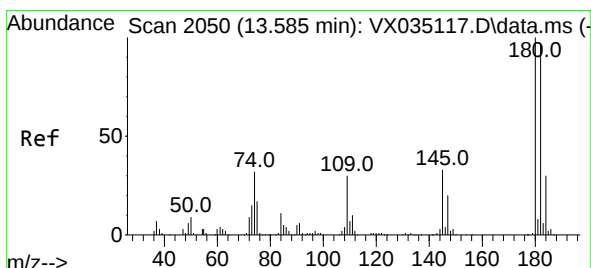
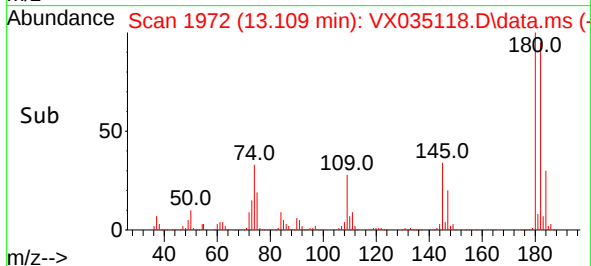
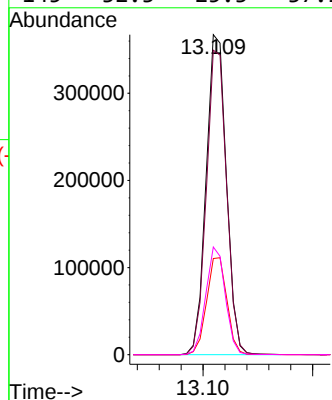
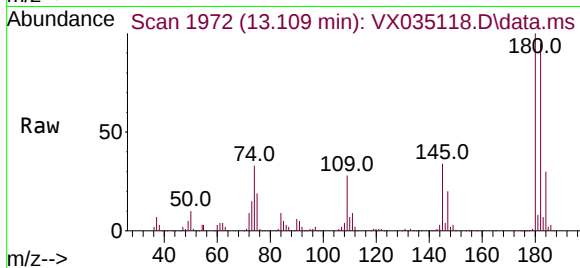
Ion Ratio Lower Upper

180 100

182 94.9 75.4 113.0

184 30.4 23.8 35.8

145 32.3 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 113.168 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

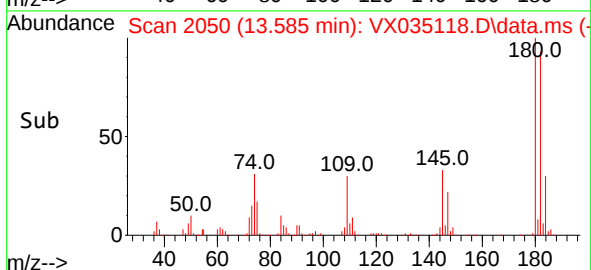
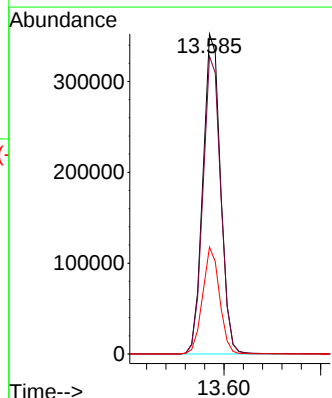
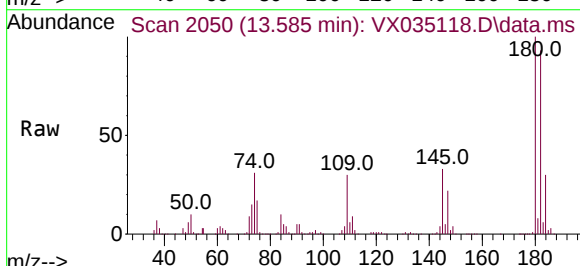
Tgt Ion:180 Resp: 445718

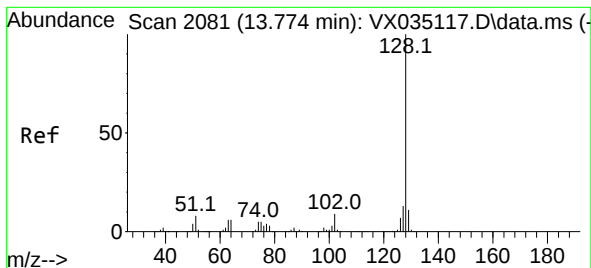
Ion Ratio Lower Upper

180 100

182 93.9 76.6 114.8

145 32.2 26.2 39.4





#71

Naphthalene

Concen: 113.585 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

VSTD100635

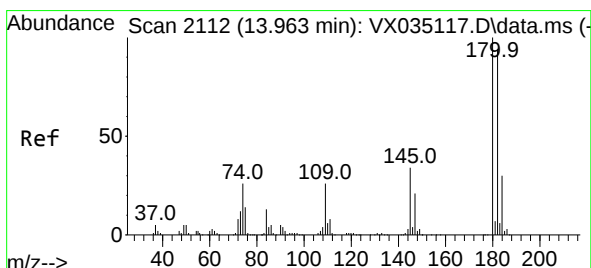
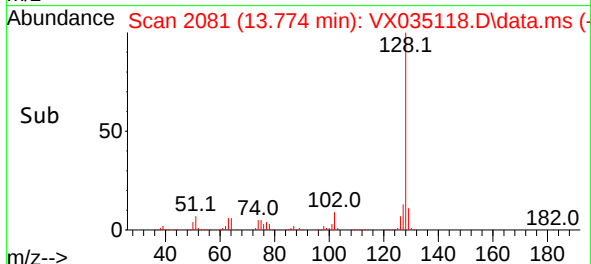
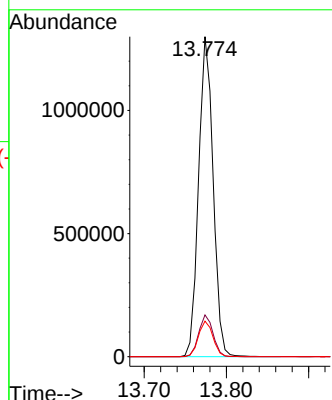
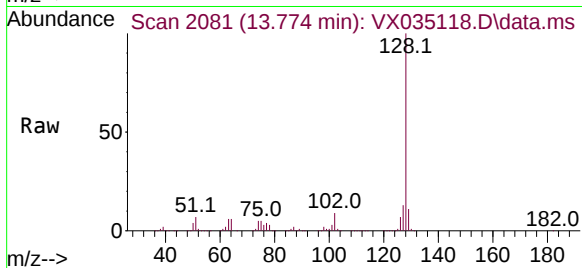
Tgt Ion:128 Resp: 1593521

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 109.991 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035118.D

Acq: 18 Apr 2023 13:13

Tgt Ion:180 Resp: 427665

Ion Ratio Lower Upper

180 100

182 97.8 75.0 112.6

145 35.0 27.1 40.7

