

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033551.D
 Acq On : 22 Dec 2022 18:11
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 04:47:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:40:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	230308	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	208398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106736	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	57513	46.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.880%
7) Chloroethane-d5	1.672	69	51977	54.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.500%
11) 1,1-Dichloroethene-d2	2.312	63	97437	49.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.620%
21) 2-Butanone-d5	4.458	46	93402	104.954	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.950%
24) Chloroform-d	5.062	84	157242	51.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.540%
26) 1,2-Dichloroethane-d4	5.958	65	97343	51.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.380%
32) Benzene-d6	5.976	84	300398	50.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.940%
36) 1,2-Dichloropropane-d6	7.311	67	90636	52.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.240%
41) Toluene-d8	8.646	98	291139	50.401	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.951	79	44454	52.883	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.760%
47) 2-Hexanone-d5	9.384	63	74980	105.187	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.190%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	127611	53.522	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.040%
66) 1,2-Dichlorobenzene-d4	12.323	152	116625	52.673	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25652	46.148	ug/L	100
3) Chloromethane	1.294	50	32176	46.103	ug/L	99
5) Vinyl chloride	1.373	62	43032	46.661	ug/L	96
6) Bromomethane	1.617	94	27792	50.656	ug/L	97
8) Chloroethane	1.690	64	31470	51.292	ug/L	99
9) Trichlorofluoromethane	1.892	101	74561	48.852	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	46504	47.888	ug/L	99
12) 1,1-Dichloroethene	2.318	96	42557	48.735	ug/L	89
13) Acetone	2.385	43	43654	76.366	ug/L	97
14) Carbon disulfide	2.513	76	137102	51.597	ug/L	100
15) Methyl Acetate	2.702	43	57430	50.248	ug/L	98
16) Methylene chloride	2.794	84	63194	48.341	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	61605	47.629	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	204385	49.857	ug/L	99
19) 1,1-Dichloroethane	3.611	63	113038	50.352	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	74290	49.006	ug/L	99
22) 2-Butanone	4.562	43	86150	91.510	ug/L	99
23) Bromochloromethane	4.897	128	39944	49.224	ug/L	92
25) Chloroform	5.092	83	131727	50.498	ug/L	100

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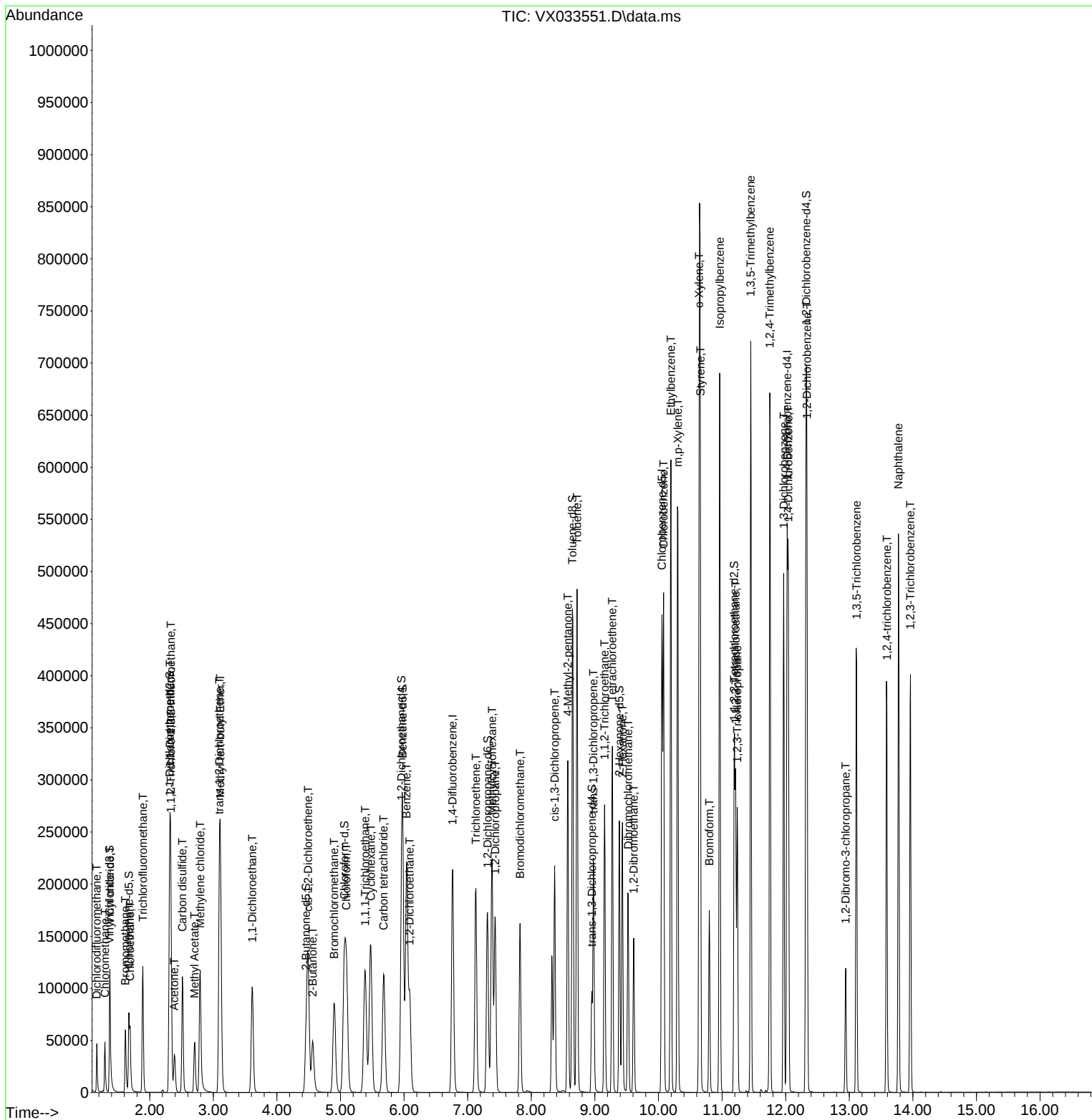
Instrument :
 MSVOA_X
 ClientSampleId :

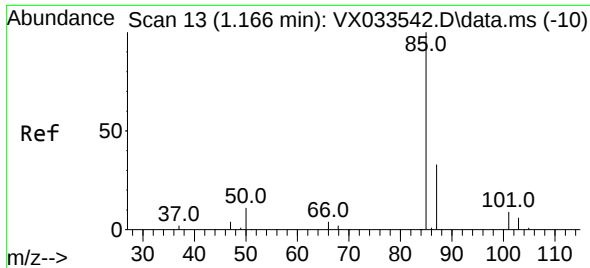
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 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:40:20 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	105000	52.768	ug/L	99
29) Cyclohexane	5.476	56	98235	48.232	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	121879	50.289	ug/L	100
31) Carbon tetrachloride	5.677	117	107829	50.134	ug/L	97
33) Benzene	6.037	78	277419	50.090	ug/L	100
34) Trichloroethene	7.128	95	76218	49.353	ug/L	98
35) Methylcyclohexane	7.384	83	112278	49.607	ug/L	99
37) 1,2-Dichloropropane	7.433	63	70705	51.770	ug/L	99
38) Bromodichloromethane	7.823	83	103672	51.436	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	111060	50.048	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	175570	103.801	ug/L	100
42) Toluene	8.720	91	317884	50.782	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	108658	52.152	ug/L	98
45) 1,1,2-Trichloroethane	9.152	97	74201	50.190	ug/L	96
46) Tetrachloroethene	9.274	164	63738	48.900	ug/L	95
48) 2-Hexanone	9.433	43	134591	100.187	ug/L	99
49) Dibromochloromethane	9.524	129	89848	52.041	ug/L	96
50) 1,2-Dibromoethane	9.610	107	80926	50.709	ug/L	97
51) Chlorobenzene	10.079	112	208724	50.248	ug/L	98
52) Ethylbenzene	10.195	91	353056	51.483	ug/L	100
53) m,p-Xylene	10.305	106	139342	50.943	ug/L	100
54) o-Xylene	10.640	106	137003	51.213	ug/L	99
55) Styrene	10.658	104	234907	52.103	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	112261	51.929	ug/L	99
59) Bromoform	10.799	173	63379	50.994	ug/L	99
60) Isopropylbenzene	10.963	105	361820	51.266	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	87354	51.961	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	307575	51.303	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	305732	51.868	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	163610	50.753	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	163003	49.987	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	162761	51.162	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.944	75	23377	51.726	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	109374	50.707	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	99265	50.807	ug/L	100
71) Naphthalene	13.774	128	336550	52.723	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	100147	51.365	ug/L	99

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

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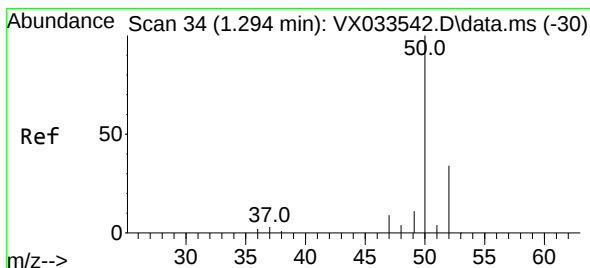
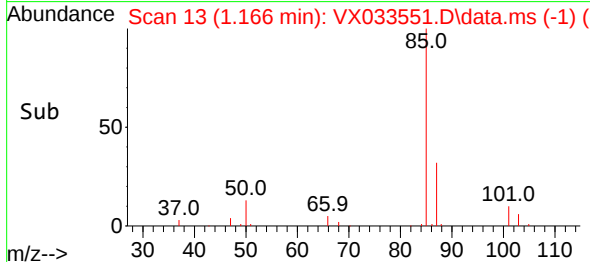
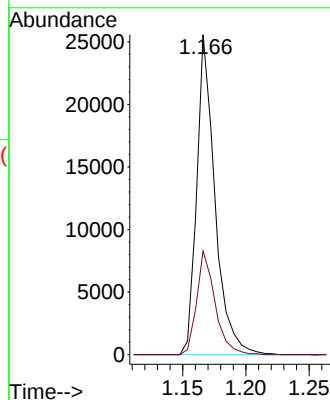
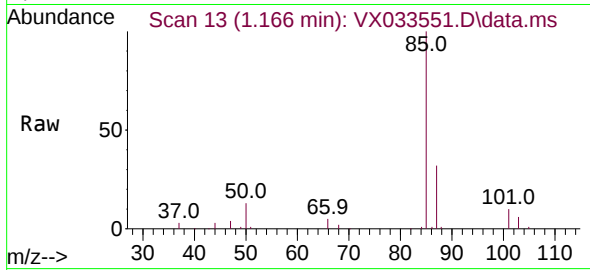




#2
 Dichlorodifluoromethane
 Concen: 46.148 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033551.D
 Acq: 22 Dec 2022 18:11

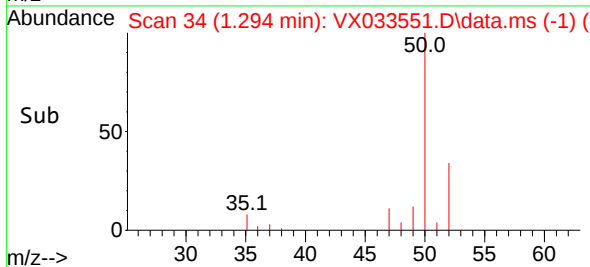
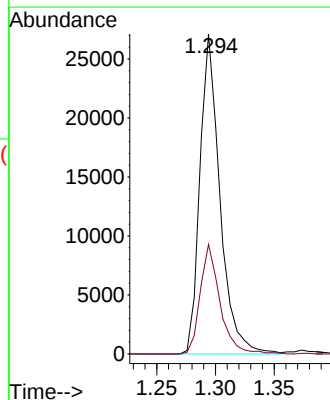
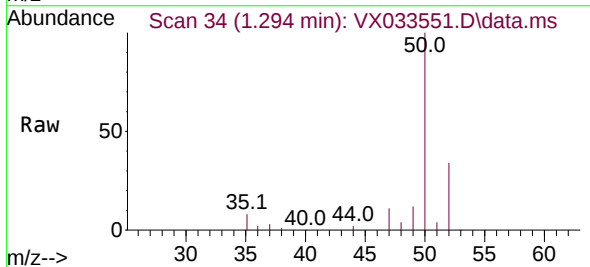
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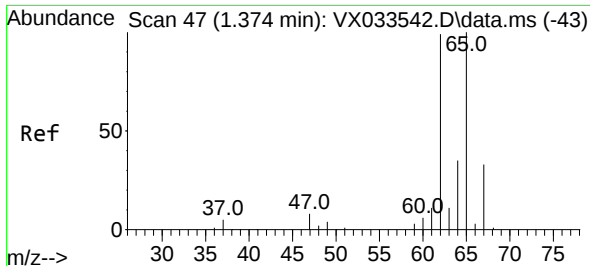
Tgt Ion: 85 Resp: 25652
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.1 39.1



#3
 Chloromethane
 Concen: 46.103 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX033551.D
 Acq: 22 Dec 2022 18:11

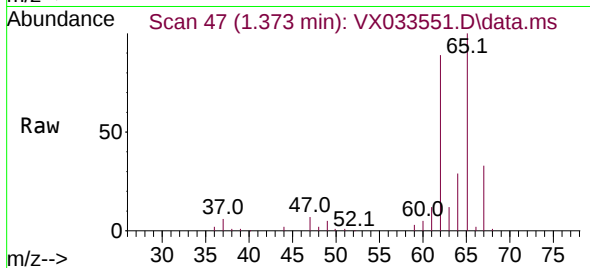
Tgt Ion: 50 Resp: 32176
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.7 43.9



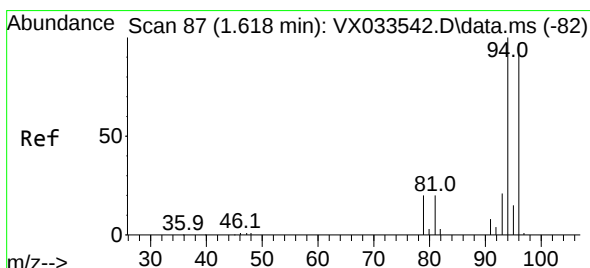
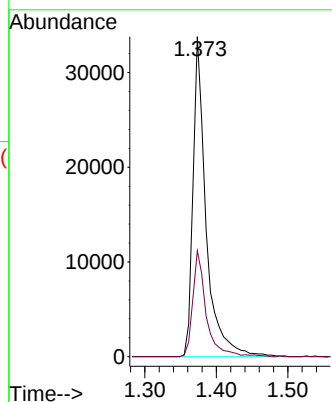
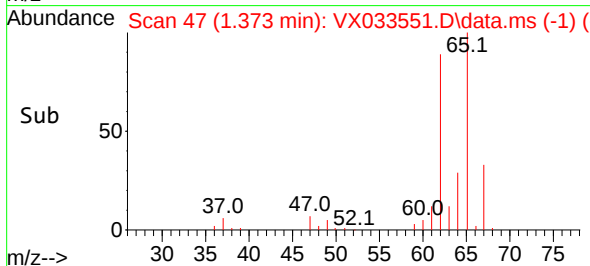


#5
 Vinyl chloride
 Concen: 46.661 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033551.D
 Acq: 22 Dec 2022 18:11

Instrument :
 MSVOA_X
 ClientSampleId :

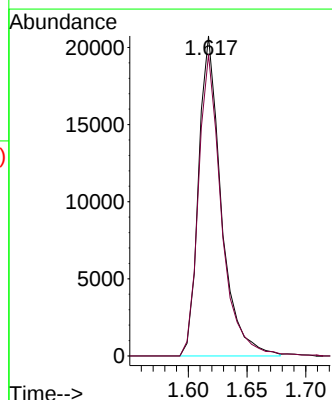
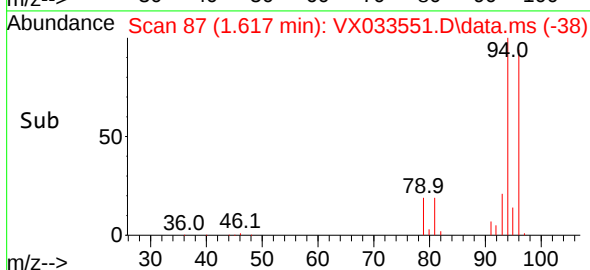
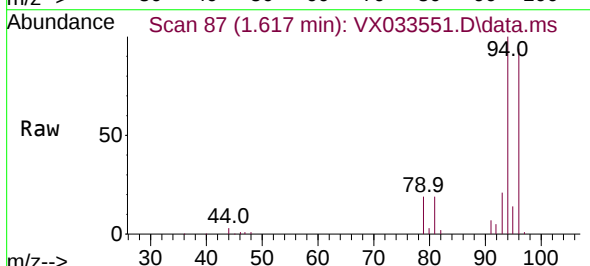


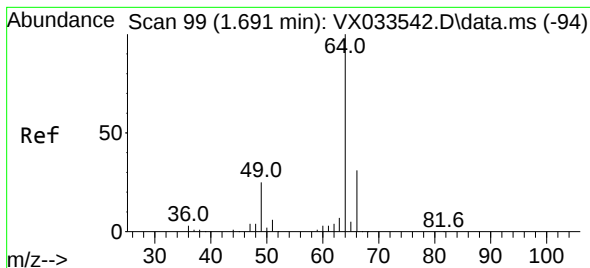
Tgt Ion: 62 Resp: 43032
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.8 46.1



#6
 Bromomethane
 Concen: 50.656 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX033551.D
 Acq: 22 Dec 2022 18:11

Tgt Ion: 94 Resp: 27792
 Ion Ratio Lower Upper
 94 100
 96 94.2 68.0 126.2





#8

Chloroethane

Concen: 51.292 ug/L

RT: 1.690 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

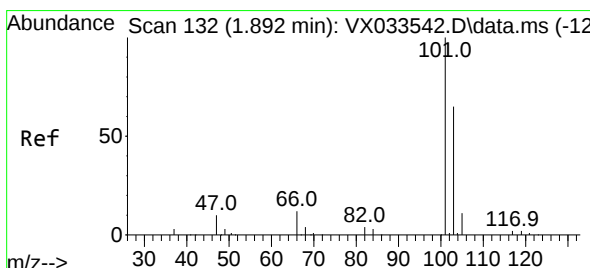
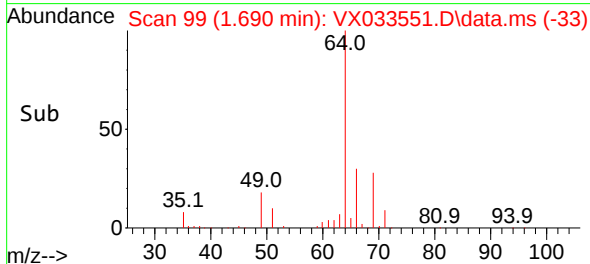
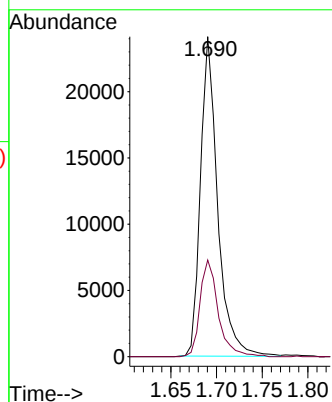
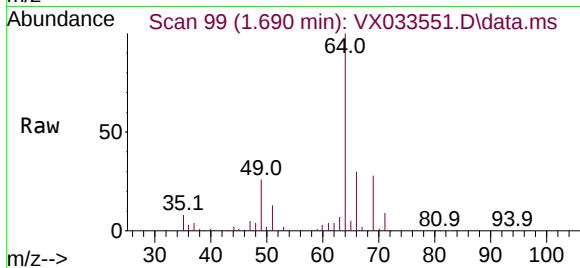
ClientSampleId :

Tgt Ion: 64 Resp: 31470

Ion Ratio Lower Upper

64 100

66 30.2 21.3 39.6



#9

Trichlorofluoromethane

Concen: 48.852 ug/L

RT: 1.892 min Scan# 132

Delta R.T. -0.000 min

Lab File: VX033551.D

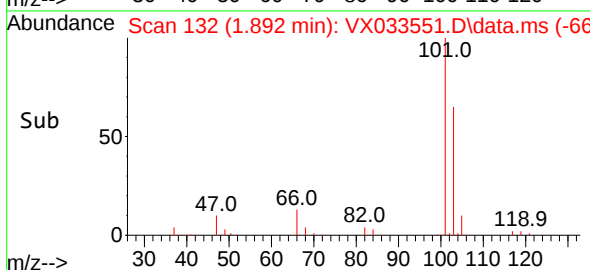
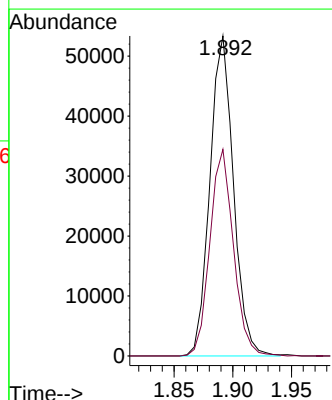
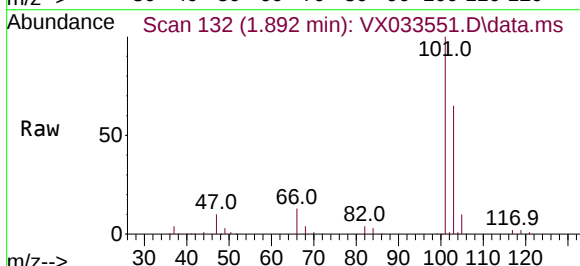
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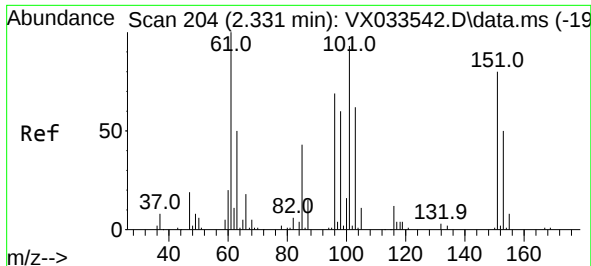
Tgt Ion:101 Resp: 74561

Ion Ratio Lower Upper

101 100

103 64.4 51.8 77.6

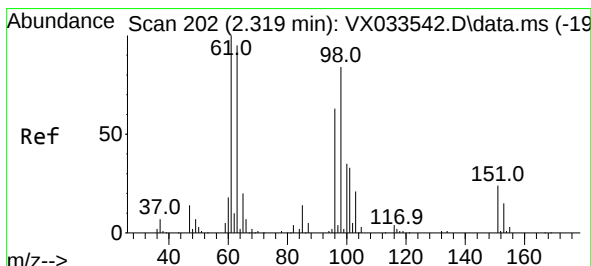
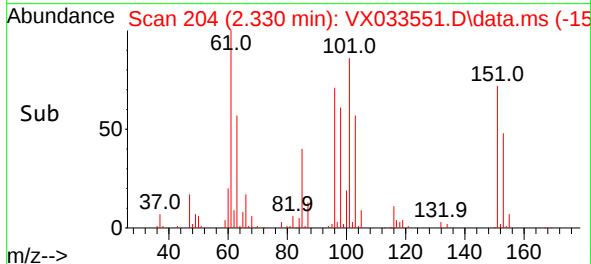
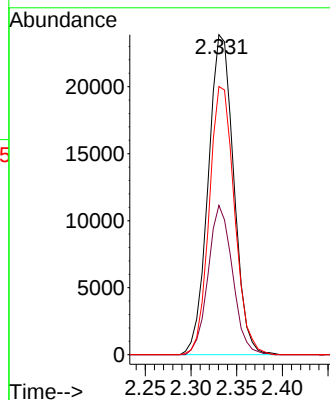
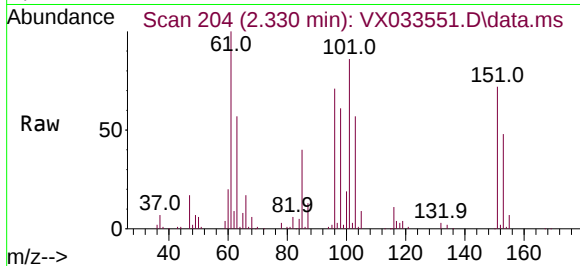




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.888 ug/L
 RT: 2.330 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX033551.D
 Acq: 22 Dec 2022 18:11

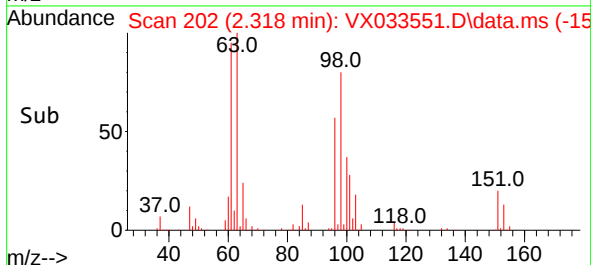
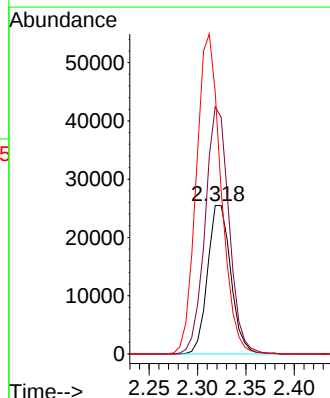
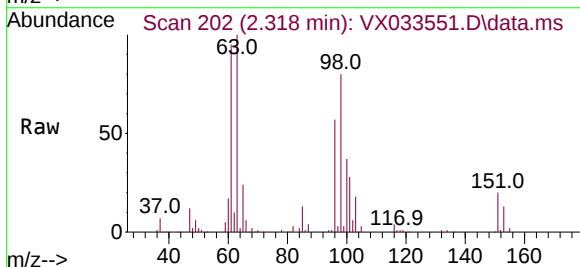
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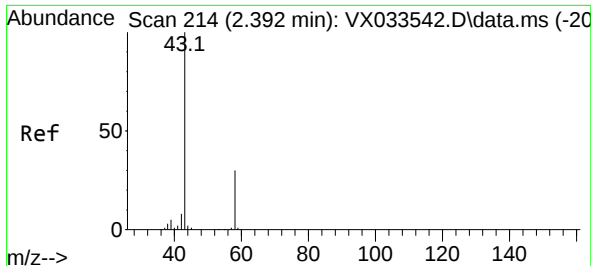
Tgt Ion:101 Resp: 46504
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.0 52.6
 151 82.7 65.7 98.5



#12
 1,1-Dichloroethene
 Concen: 48.735 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX033551.D
 Acq: 22 Dec 2022 18:11

Tgt Ion: 96 Resp: 42557
 Ion Ratio Lower Upper
 96 100
 61 166.4 111.6 207.2
 63 176.0 108.6 201.6





#13

Acetone

Concen: 76.366 ug/L

RT: 2.385 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

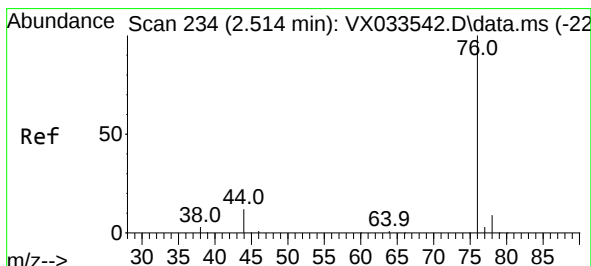
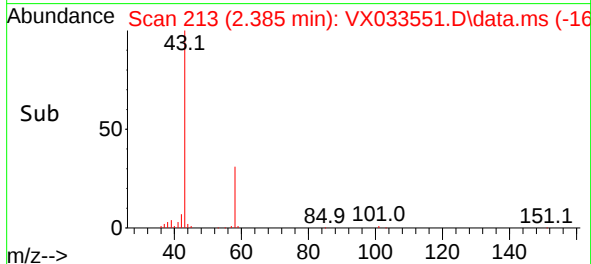
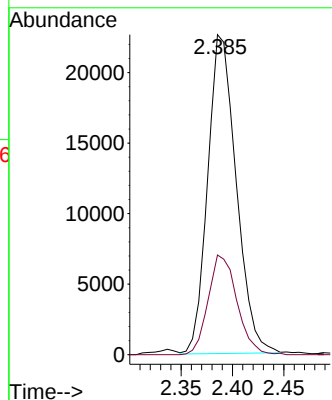
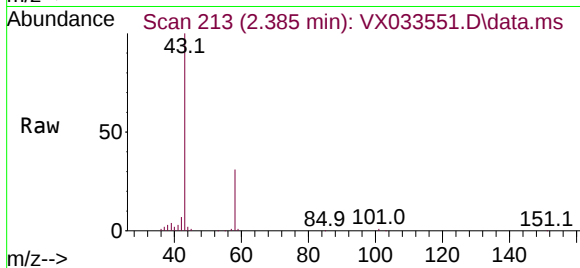
ClientSampleId :

Tgt Ion: 43 Resp: 43654

Ion Ratio Lower Upper

43 100

58 31.5 0.0 60.0



#14

Carbon disulfide

Concen: 51.597 ug/L

RT: 2.513 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033551.D

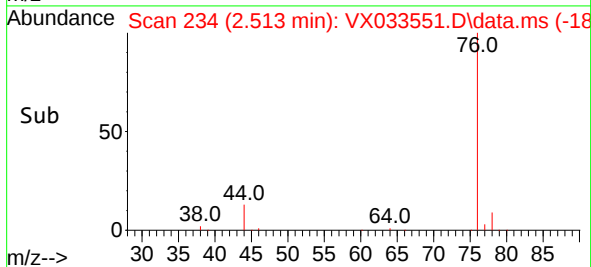
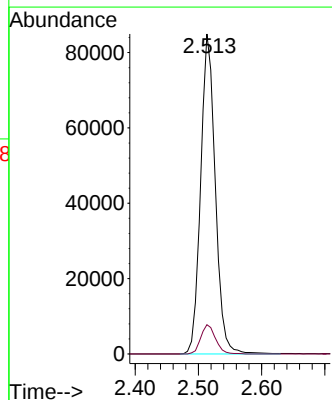
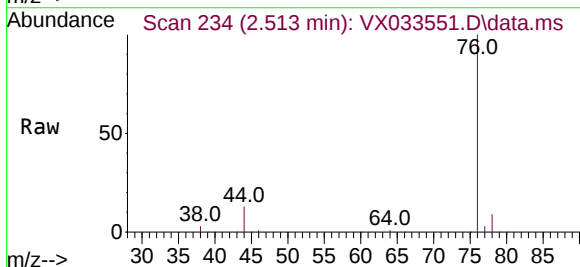
Acq: 22 Dec 2022 18:11

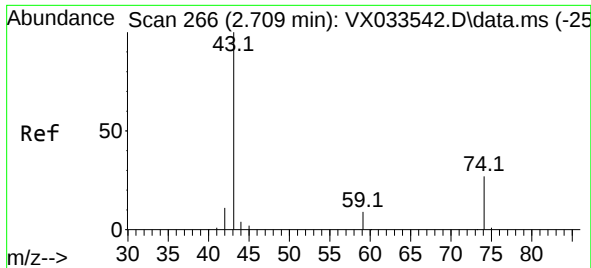
Tgt Ion: 76 Resp: 137102

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

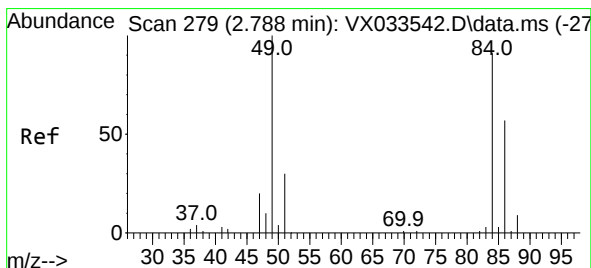
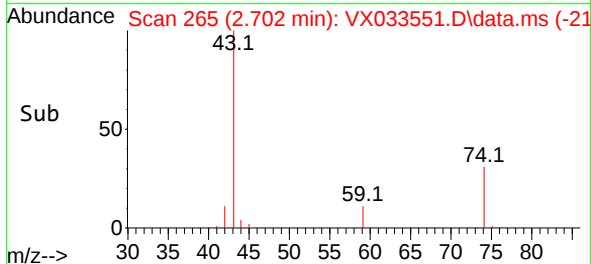
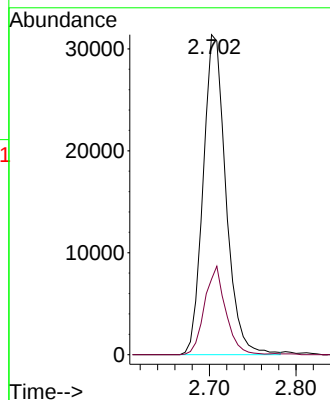
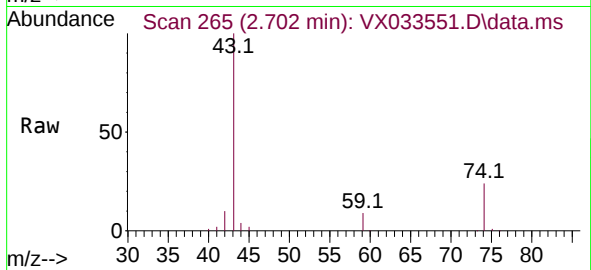




#15
Methyl Acetate
Concen: 50.248 ug/L
RT: 2.702 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

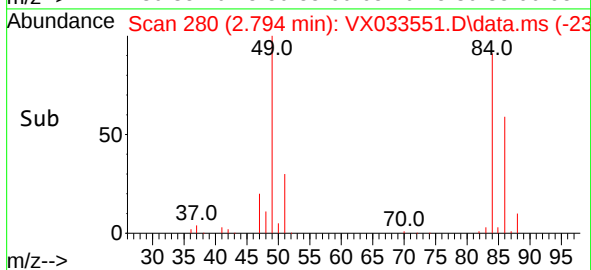
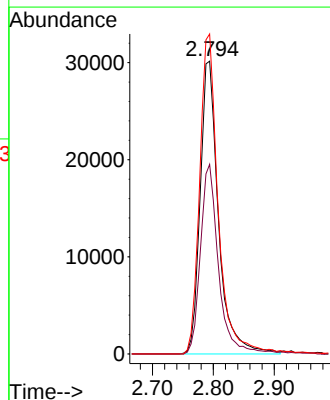
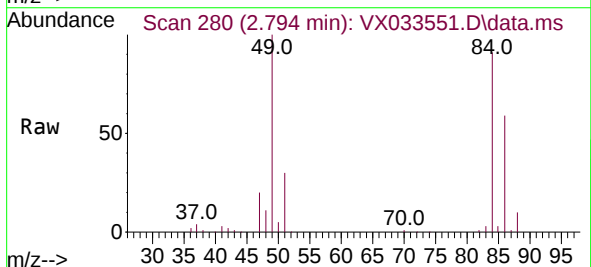
Instrument :
MSVOA_X
ClientSampleId :

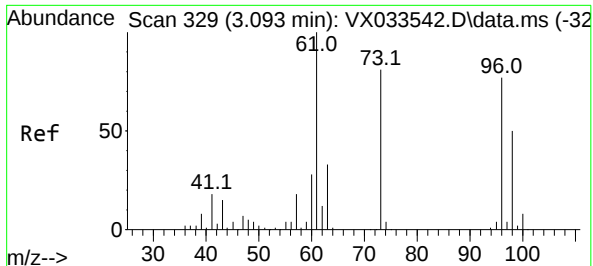
Tgt Ion: 43 Resp: 57430
Ion Ratio Lower Upper
43 100
74 25.5 21.4 32.0



#16
Methylene chloride
Concen: 48.341 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Tgt Ion: 84 Resp: 63194
Ion Ratio Lower Upper
84 100
86 64.8 44.0 81.6
49 109.3 77.2 143.4





#17

trans-1,2-Dichloroethene

Concen: 47.629 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

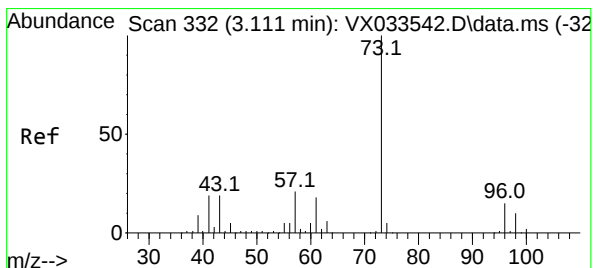
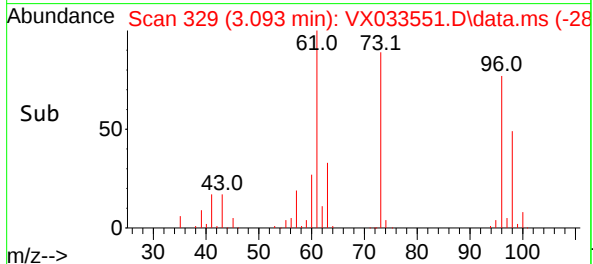
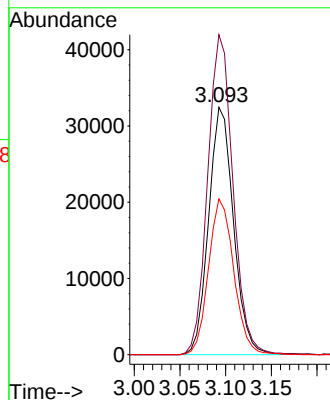
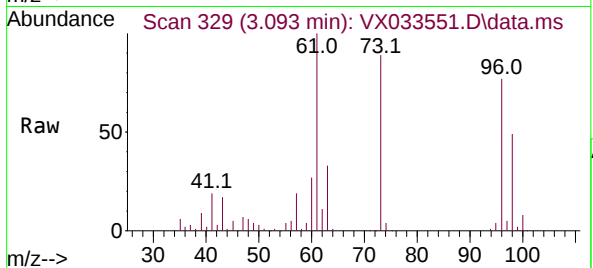
Tgt Ion: 96 Resp: 61605

Ion Ratio Lower Upper

96 100

61 129.3 90.6 168.2

98 63.0 45.1 83.9



#18

Methyl tert-butyl Ether

Concen: 49.857 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

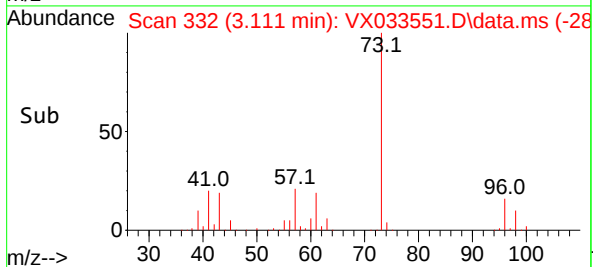
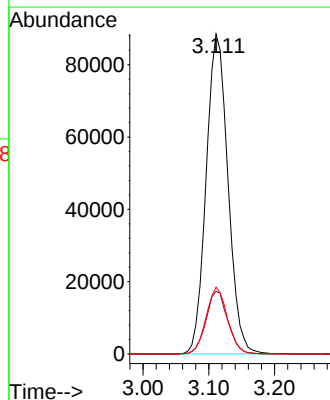
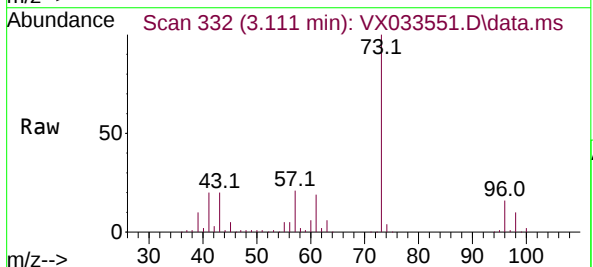
Tgt Ion: 73 Resp: 204385

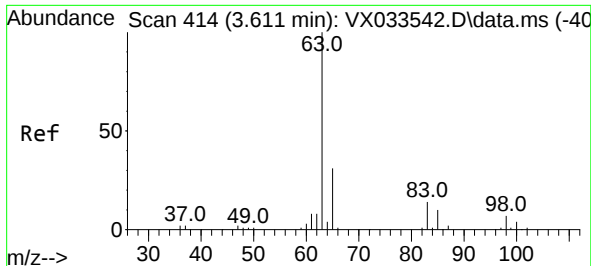
Ion Ratio Lower Upper

73 100

43 19.6 14.7 22.1

57 20.4 16.4 24.6





#19

1,1-Dichloroethane

Concen: 50.352 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

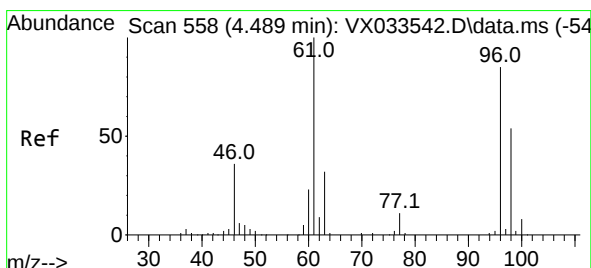
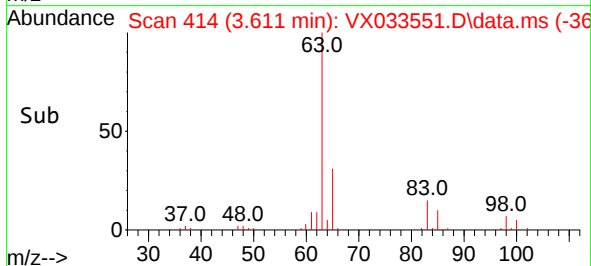
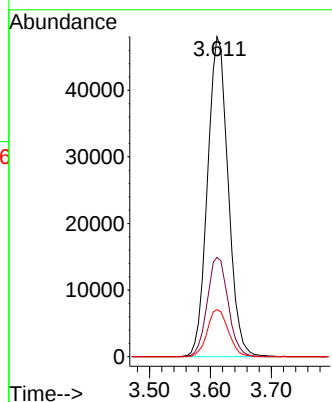
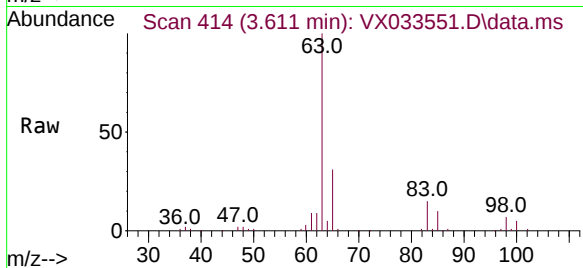
Tgt Ion: 63 Resp: 113038

Ion Ratio Lower Upper

63 100

65 31.0 21.8 40.6

83 14.7 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 49.006 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

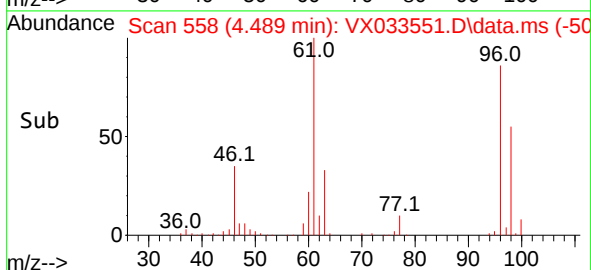
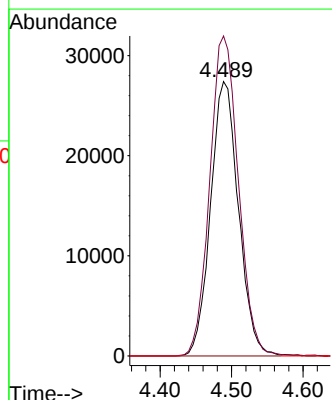
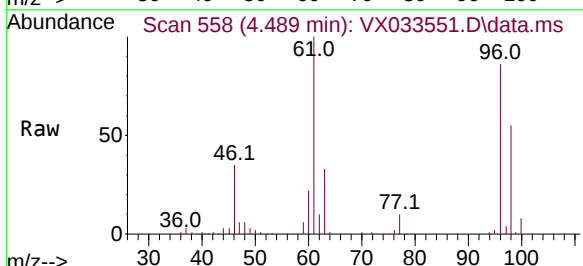
Tgt Ion: 96 Resp: 74290

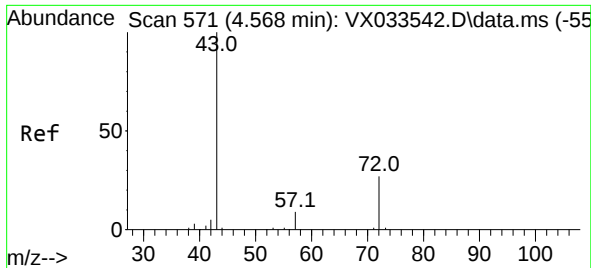
Ion Ratio Lower Upper

96 100

61 116.6 82.7 153.7

68 0.0 0.0 0.0

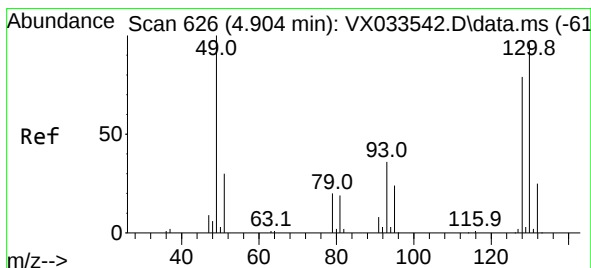
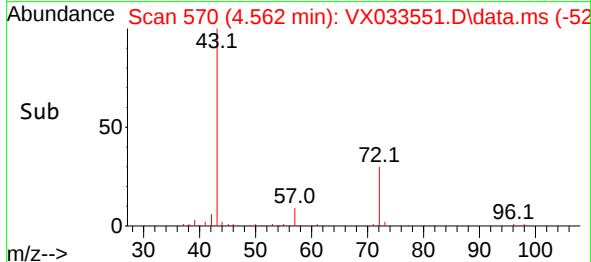
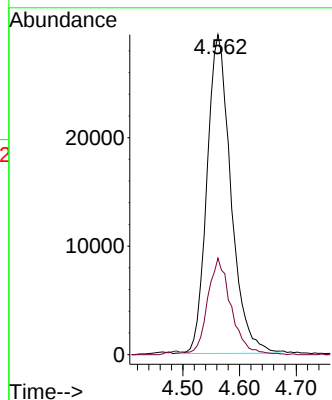
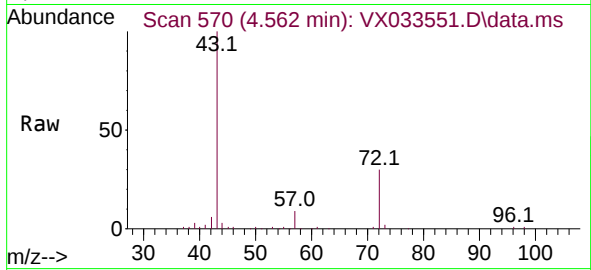




#22
2-Butanone
Concen: 91.510 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

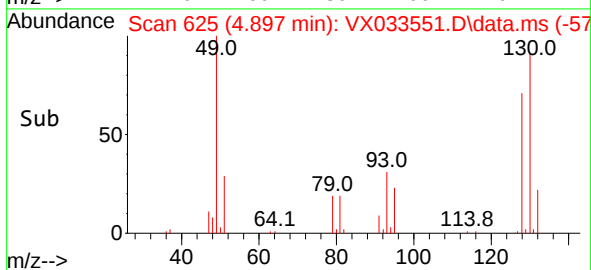
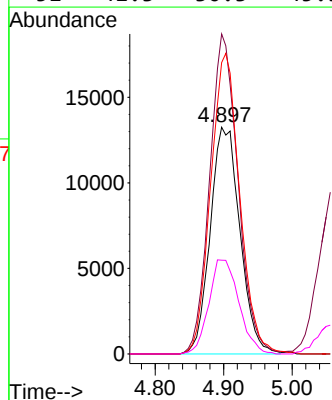
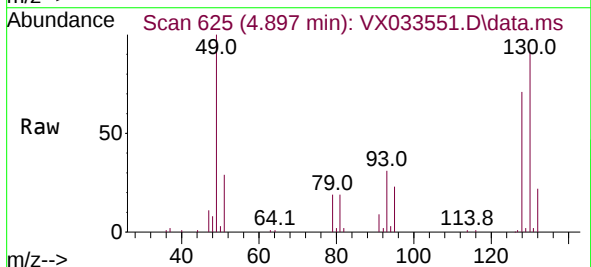
Instrument :
MSVOA_X
ClientSampleId :

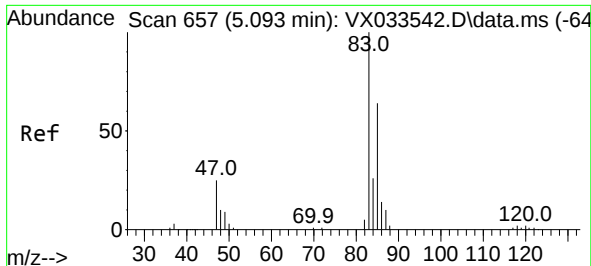
Tgt Ion: 43 Resp: 86150
Ion Ratio Lower Upper
43 100
72 29.6 14.6 44.0



#23
Bromochloromethane
Concen: 49.224 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Tgt Ion:128 Resp: 39944
Ion Ratio Lower Upper
128 100
49 141.2 89.2 165.8
130 128.5 85.8 159.3
51 41.3 30.3 45.5





#25

Chloroform

Concen: 50.498 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

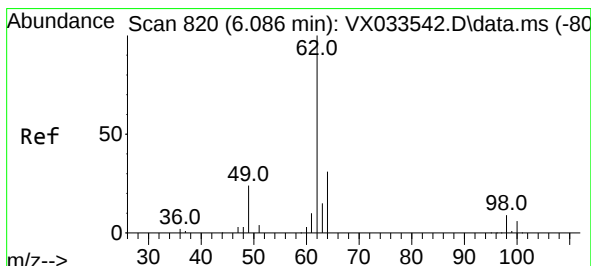
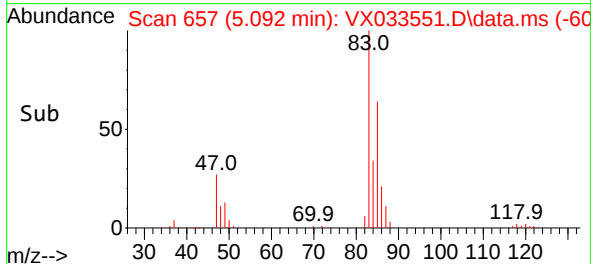
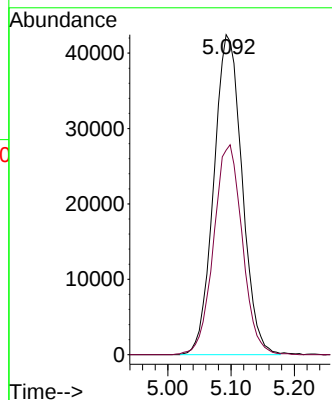
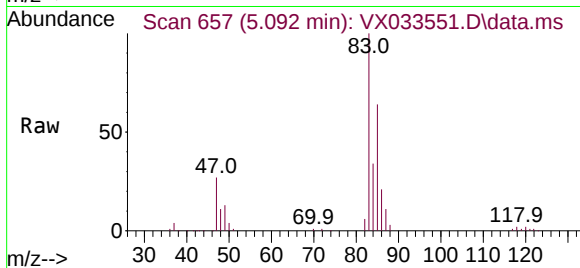
ClientSampleId :

Tgt Ion: 83 Resp: 131727

Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.3



#27

1,2-Dichloroethane

Concen: 52.768 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX033551.D

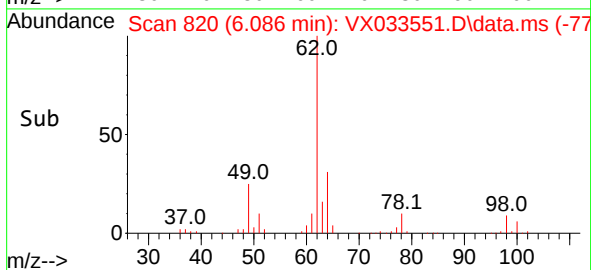
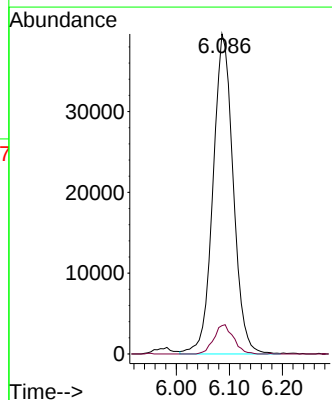
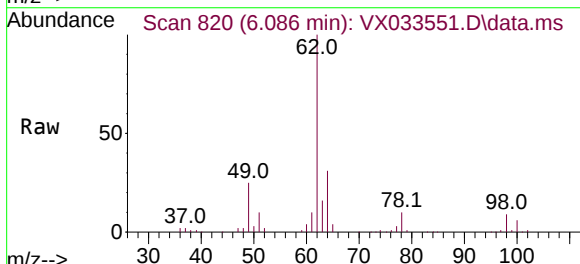
Acq: 22 Dec 2022 18:11

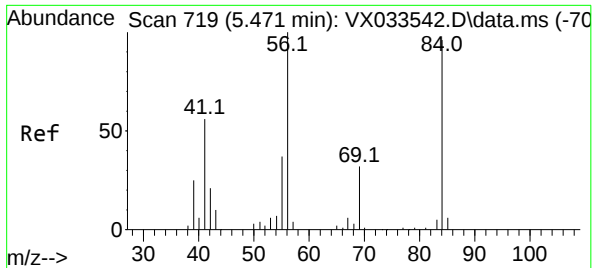
Tgt Ion: 62 Resp: 105000

Ion Ratio Lower Upper

62 100

98 8.9 7.4 11.0

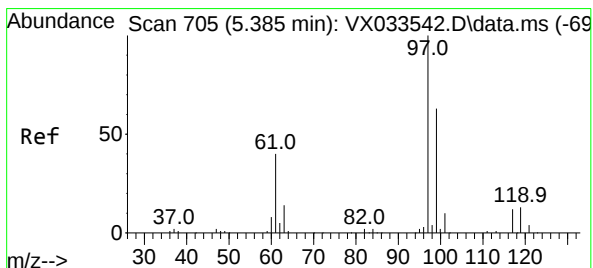
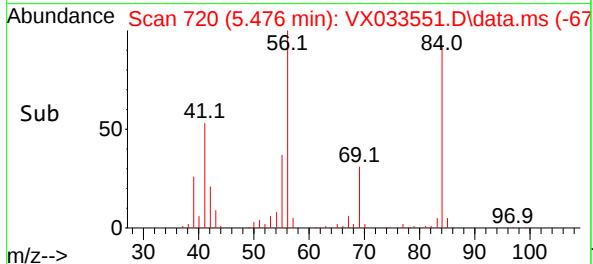
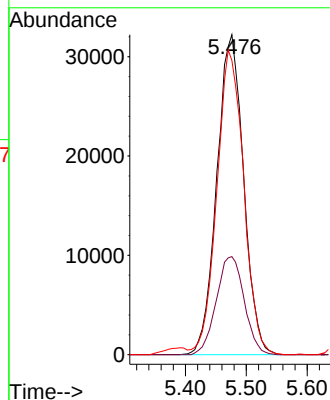
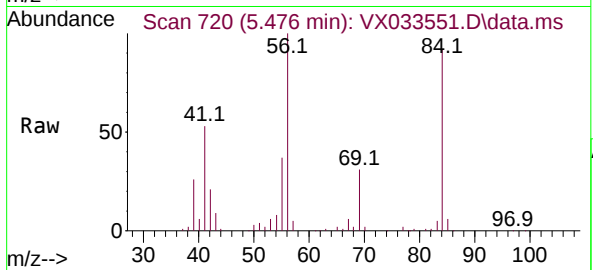




#29
Cyclohexane
Concen: 48.232 ug/L
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

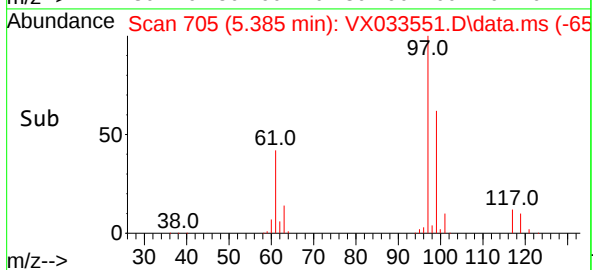
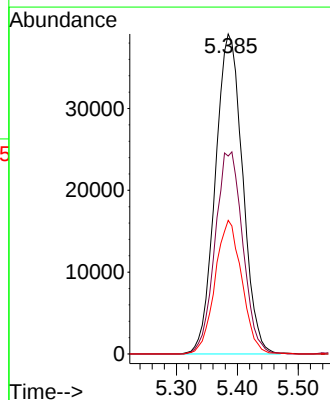
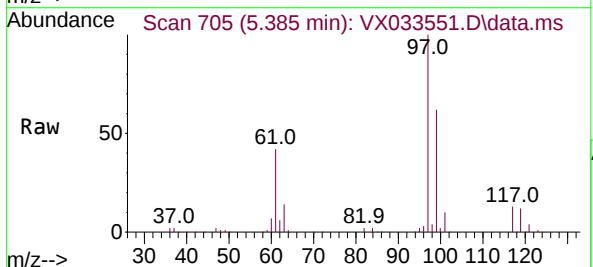
Instrument :
MSVOA_X
ClientSampleId :

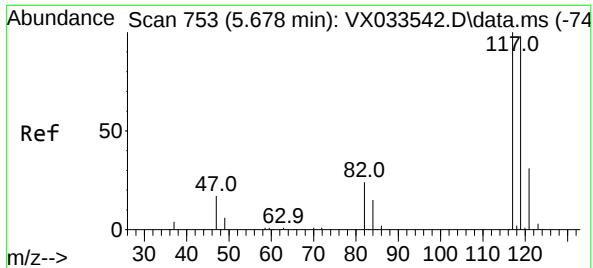
Tgt Ion: 56 Resp: 98235
Ion Ratio Lower Upper
56 100
69 31.9 26.3 39.5
84 95.5 75.6 113.4



#30
1,1,1-Trichloroethane
Concen: 50.289 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

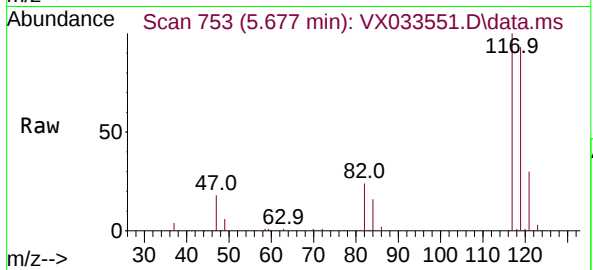
Tgt Ion: 97 Resp: 121879
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 40.8 32.4 48.6



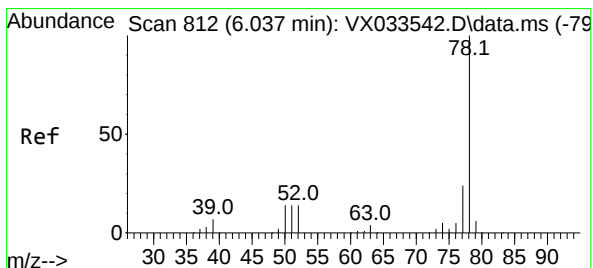
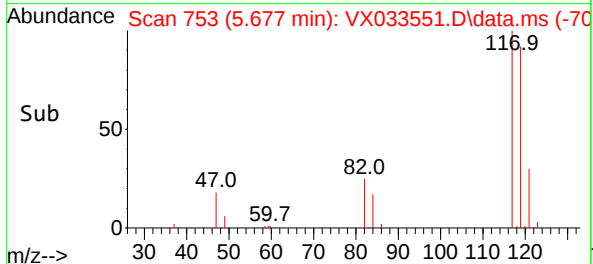
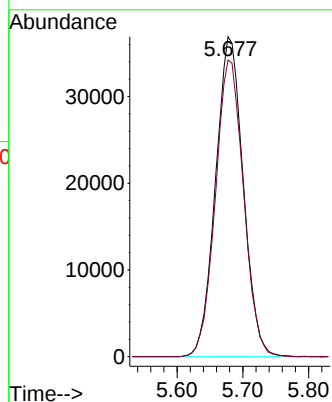


#31
Carbon tetrachloride
Concen: 50.134 ug/L
RT: 5.677 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :

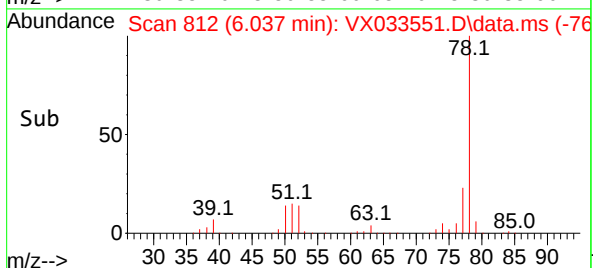
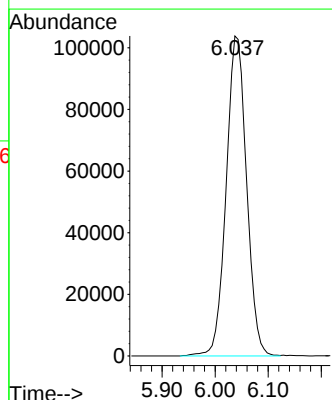
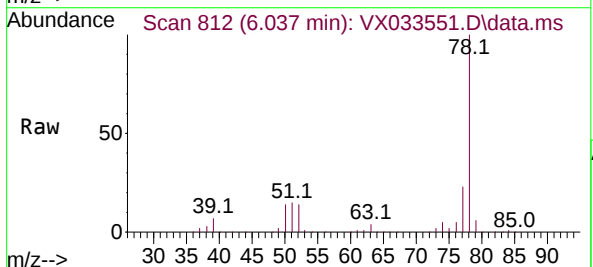


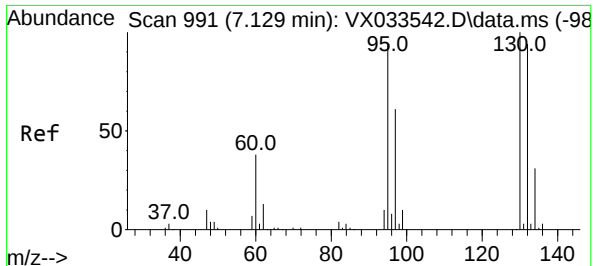
Tgt Ion:117 Resp: 107829
Ion Ratio Lower Upper
117 100
119 94.3 77.9 116.9



#33
Benzene
Concen: 50.090 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

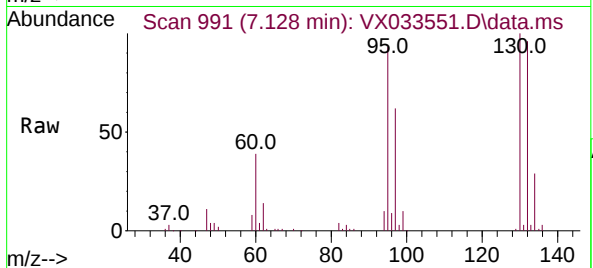
Tgt Ion: 78 Resp: 277419



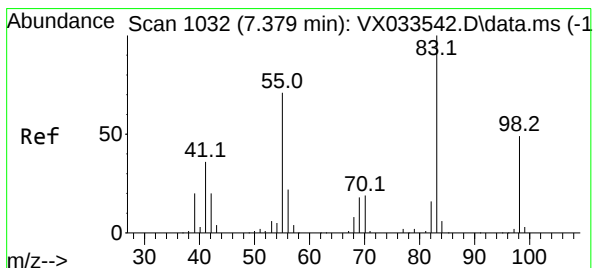
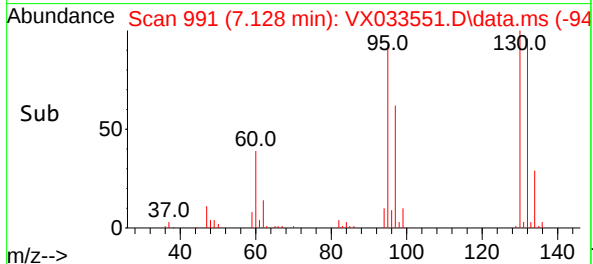
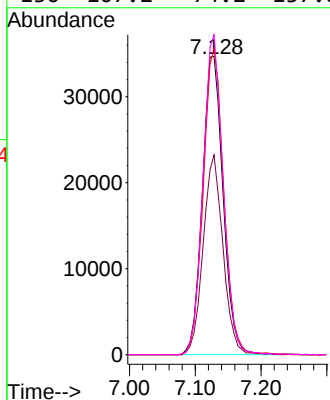


#34
Trichloroethene
Concen: 49.353 ug/L
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :

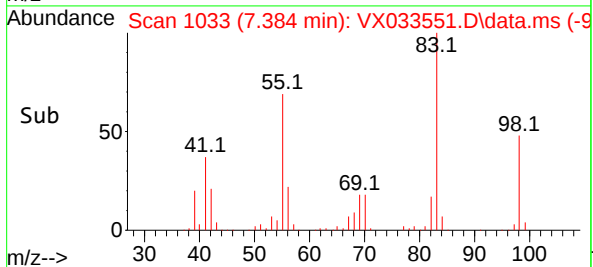
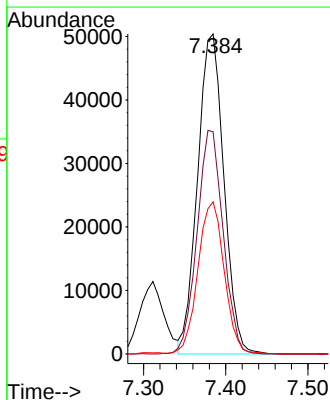
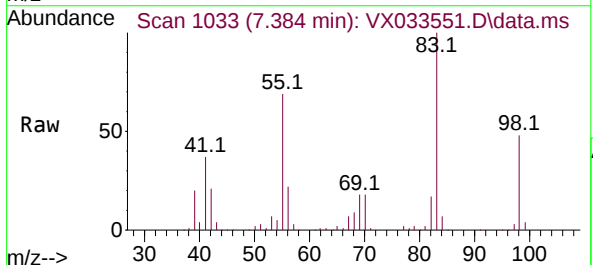


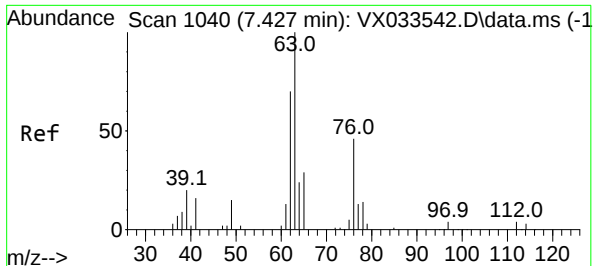
Tgt Ion: 95 Resp: 76218
Ion Ratio Lower Upper
95 100
97 66.9 44.9 83.3
132 102.4 69.5 129.1
130 107.2 74.2 137.8



#35
Methylcyclohexane
Concen: 49.607 ug/L
RT: 7.384 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Tgt Ion: 83 Resp: 112278
Ion Ratio Lower Upper
83 100
55 69.1 55.6 83.4
98 47.5 38.6 57.8





#37

1,2-Dichloropropane

Concen: 51.770 ug/L

RT: 7.433 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

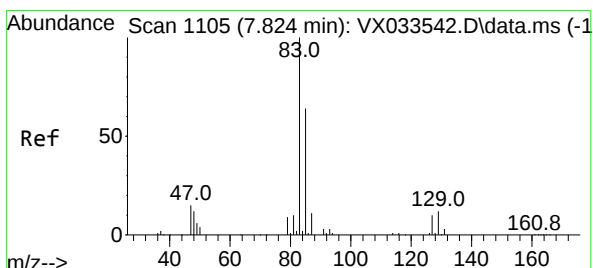
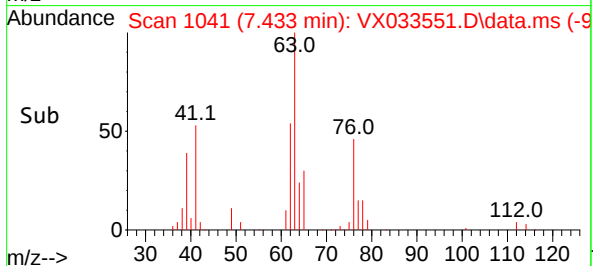
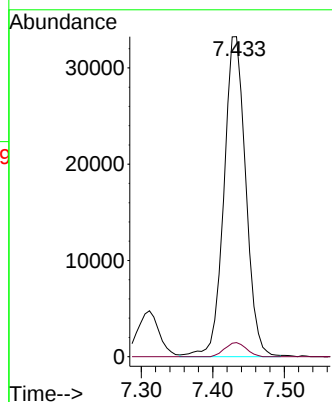
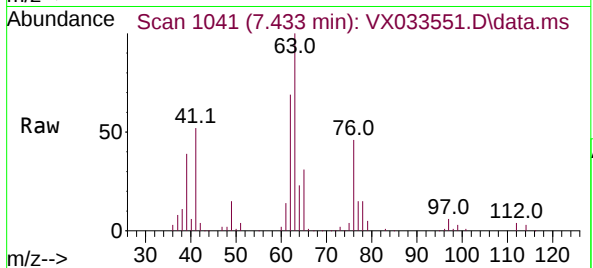
ClientSampleId :

Tgt Ion: 63 Resp: 70705

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.8



#38

Bromodichloromethane

Concen: 51.436 ug/L

RT: 7.823 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

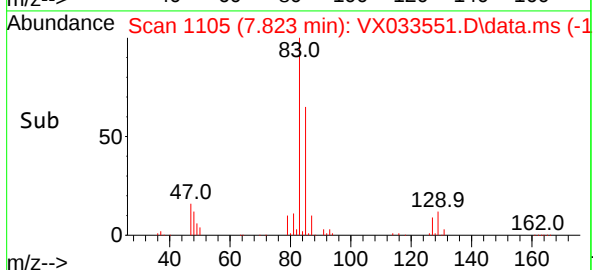
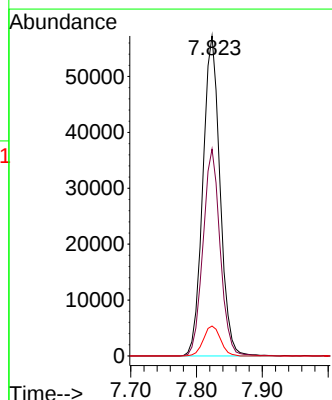
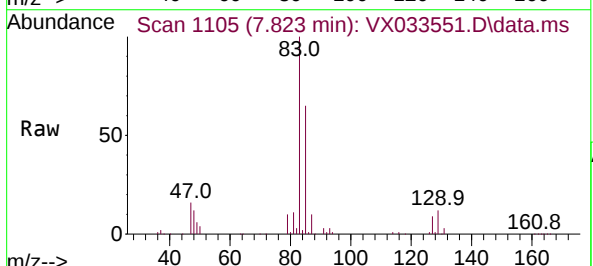
Tgt Ion: 83 Resp: 103672

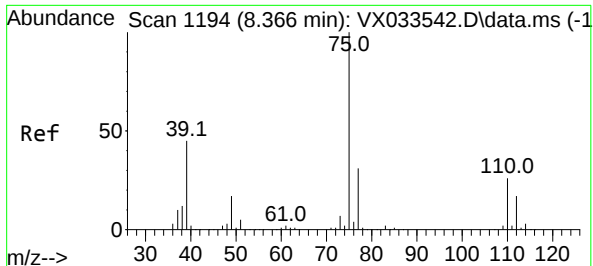
Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.9

127 9.4 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 50.048 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

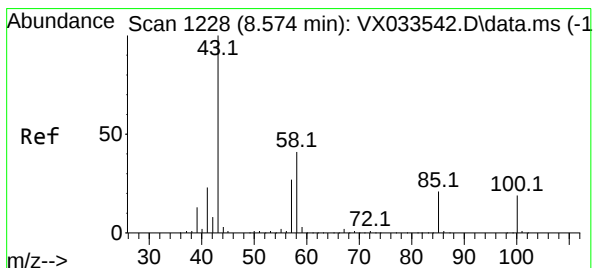
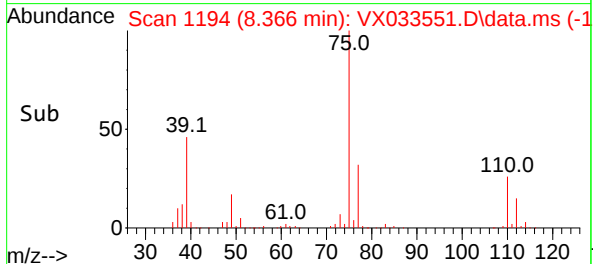
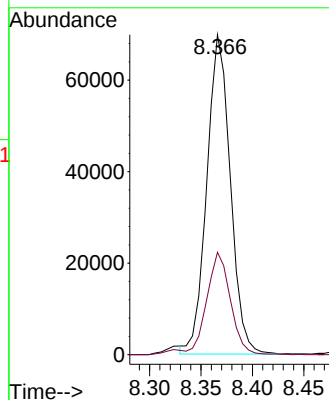
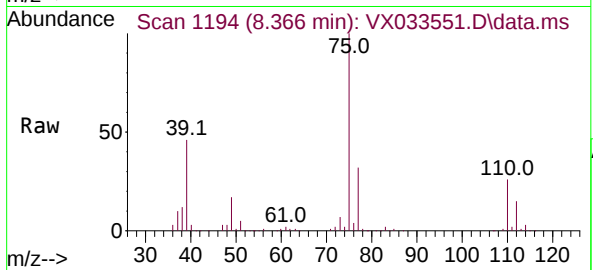
ClientSampleId :

Tgt Ion: 75 Resp: 111060

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 103.801 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

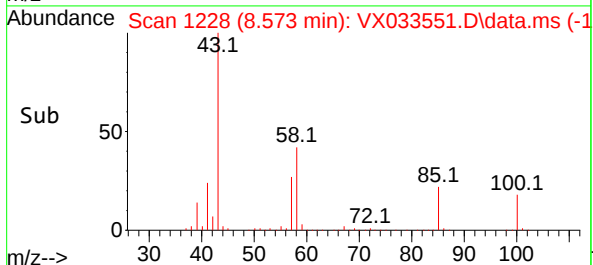
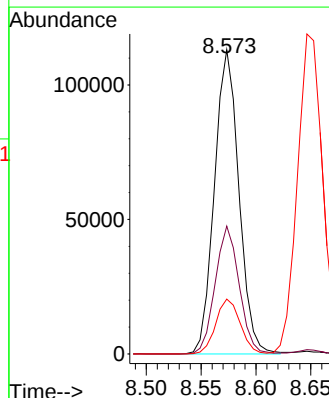
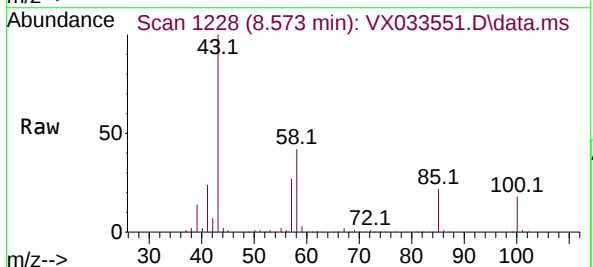
Tgt Ion: 43 Resp: 175570

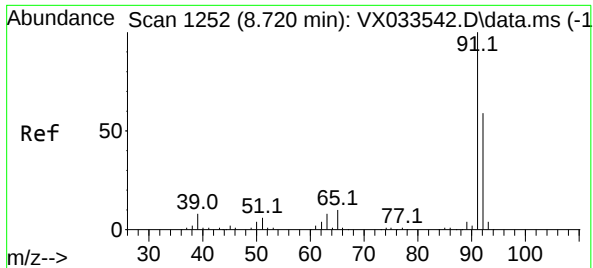
Ion Ratio Lower Upper

43 100

58 41.1 32.9 49.3

100 18.1 14.9 22.3





#42

Toluene

Concen: 50.782 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

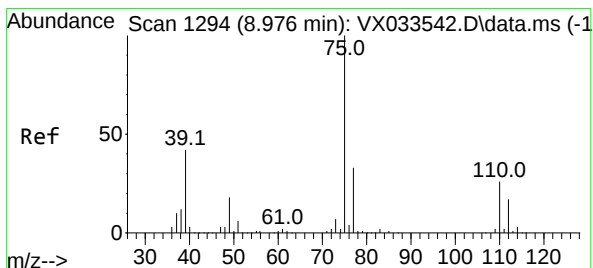
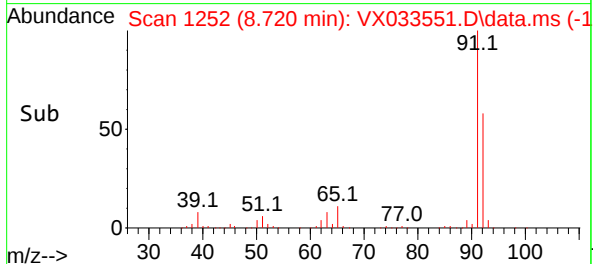
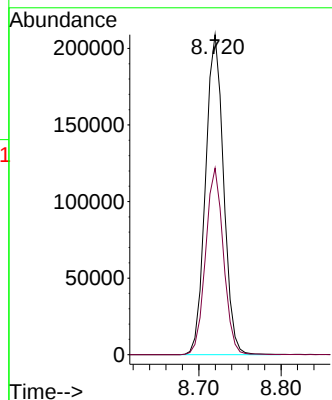
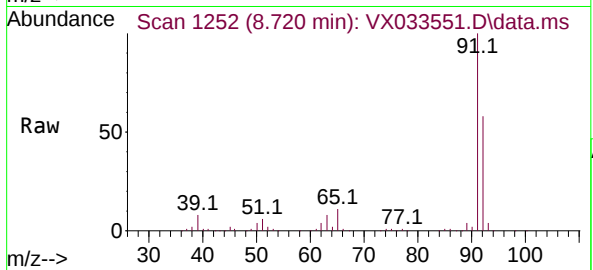
ClientSampleId :

Tgt Ion: 91 Resp: 317884

Ion Ratio Lower Upper

91 100

92 58.3 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 52.152 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX033551.D

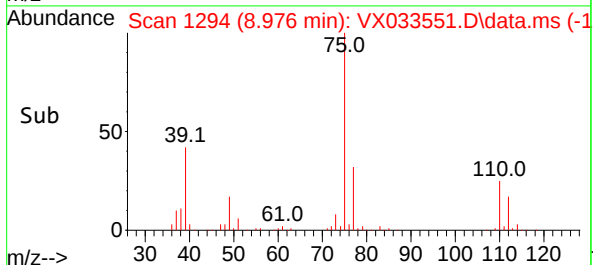
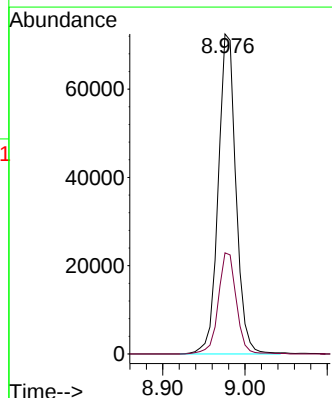
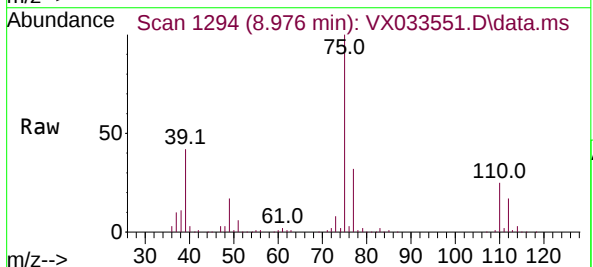
Acq: 22 Dec 2022 18:11

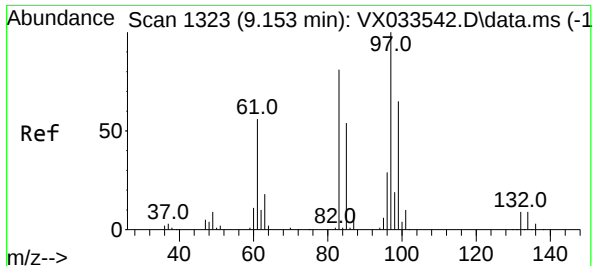
Tgt Ion: 75 Resp: 108658

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 50.190 ug/L

RT: 9.152 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 74201

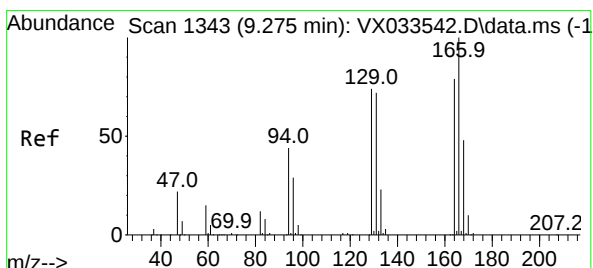
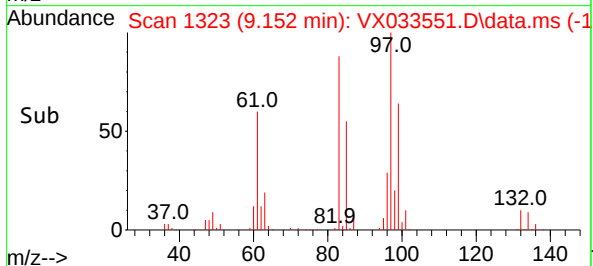
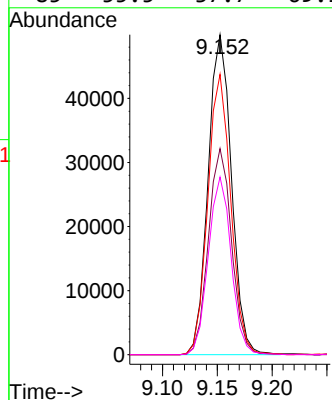
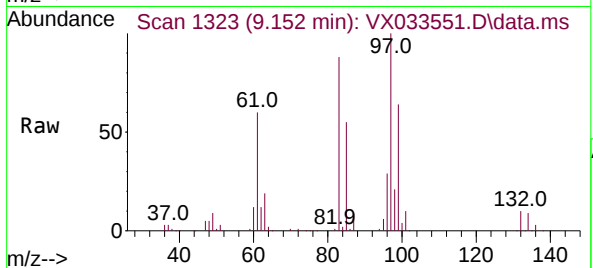
Ion Ratio Lower Upper

97 100

99 64.4 45.4 84.2

83 87.6 57.0 105.9

85 55.5 37.7 69.9



#46

Tetrachloroethene

Concen: 48.900 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Tgt Ion:164 Resp: 63738

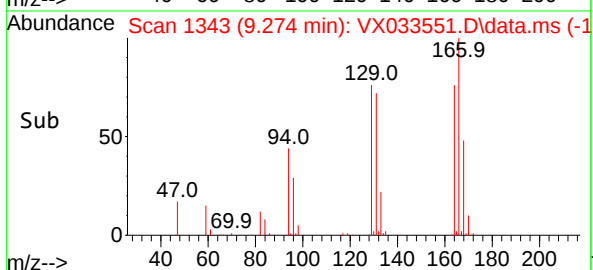
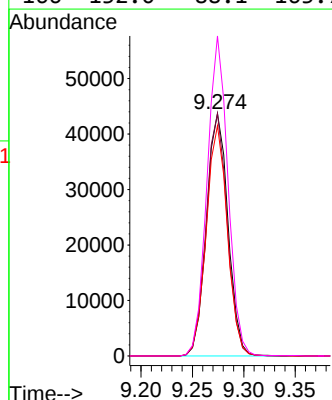
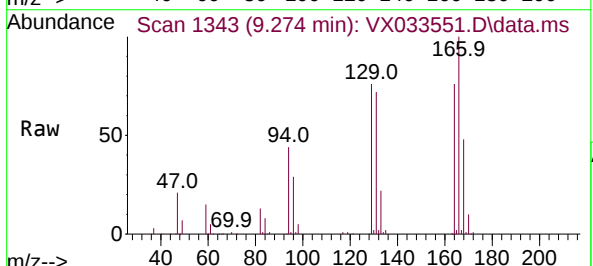
Ion Ratio Lower Upper

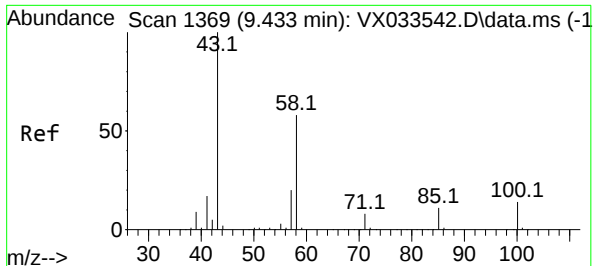
164 100

129 100.0 65.6 121.8

131 95.0 63.5 117.9

166 132.0 88.1 163.7



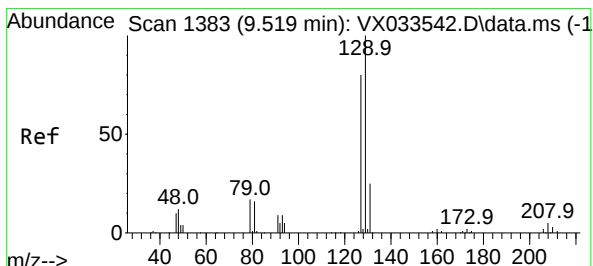
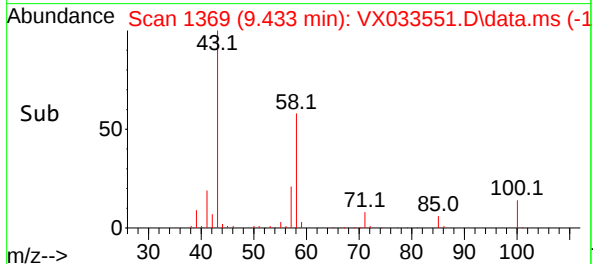
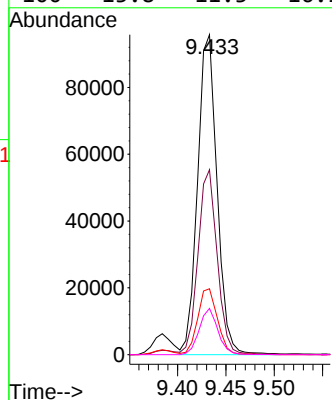
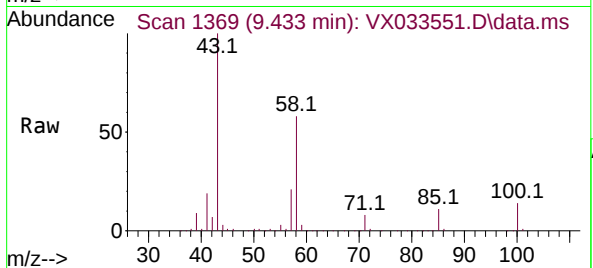


#48
2-Hexanone
Concen: 100.187 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 134591

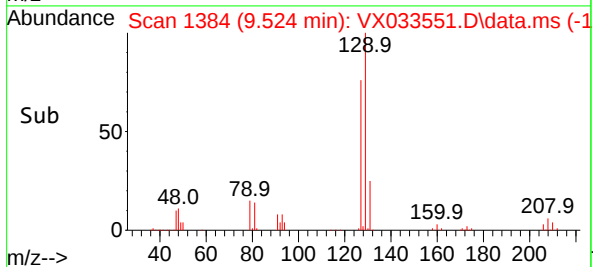
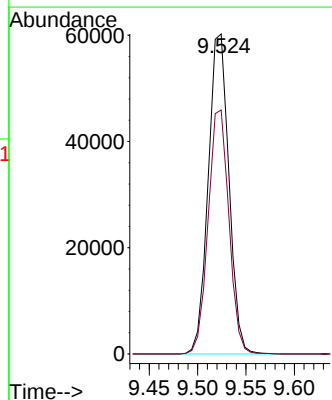
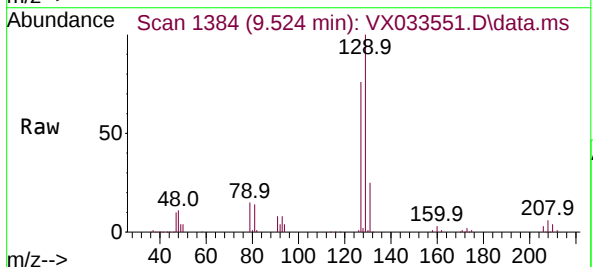
Ion	Ratio	Lower	Upper
43	100		
58	56.8	44.6	66.8
57	20.8	16.4	24.6
100	13.8	11.3	16.9

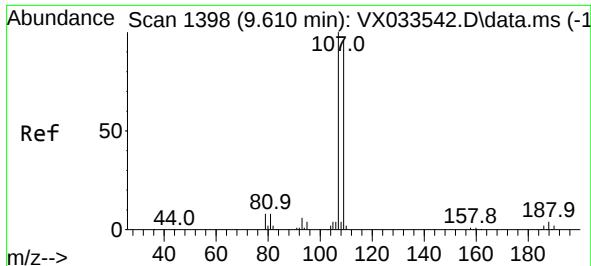


#49
Dibromochloromethane
Concen: 52.041 ug/L
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Tgt Ion: 129 Resp: 89848

Ion	Ratio	Lower	Upper
129	100		
127	76.2	55.8	103.6





#50

1,2-Dibromoethane

Concen: 50.709 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX033551.D

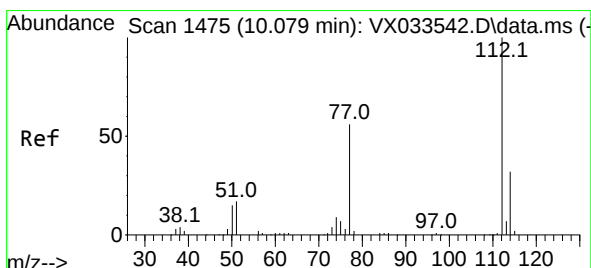
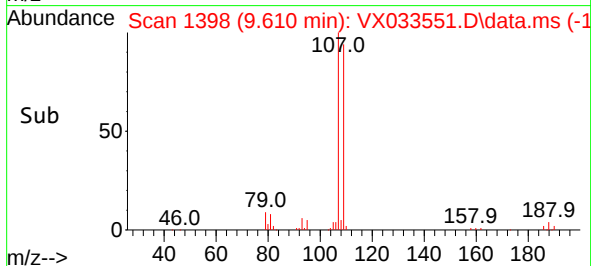
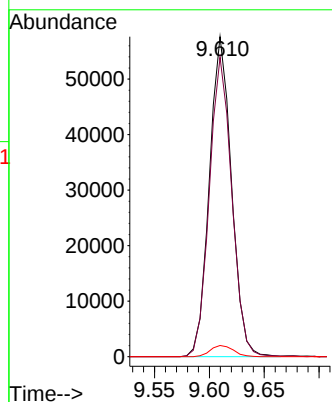
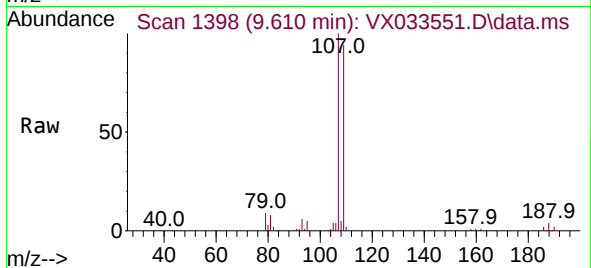
Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	80926
Ion Ratio	Lower	Upper
107	100	
109	93.6	67.5 125.3
188	3.5	3.0 4.4



#51

Chlorobenzene

Concen: 50.248 ug/L

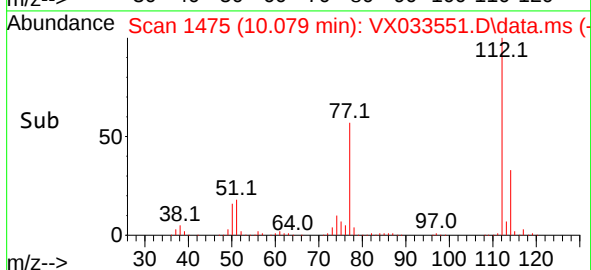
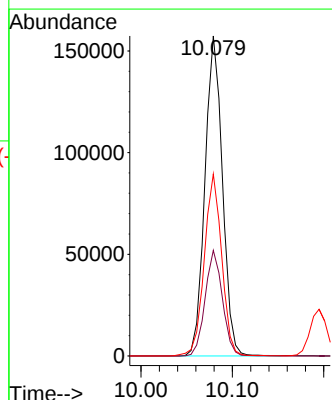
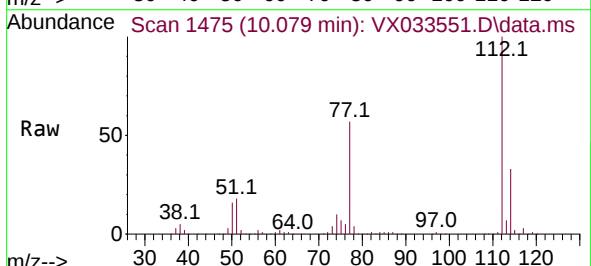
RT: 10.079 min Scan# 1475

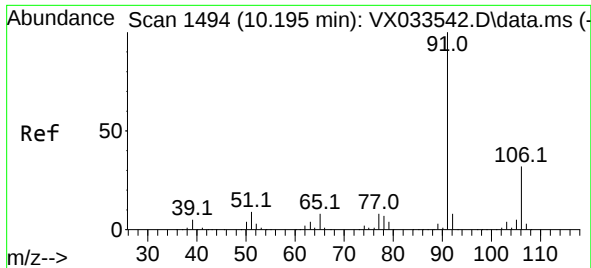
Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Tgt Ion:112	Resp:	208724
Ion Ratio	Lower	Upper
112	100	
114	33.0	22.1 41.1
77	56.9	45.0 67.4

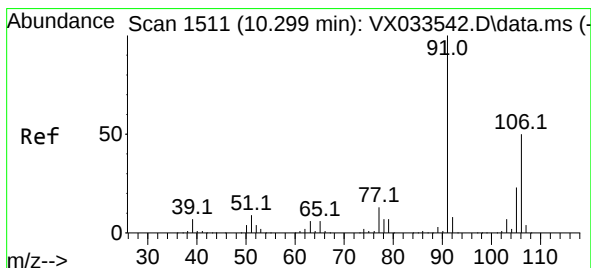
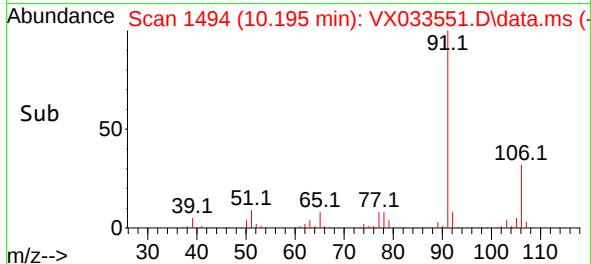
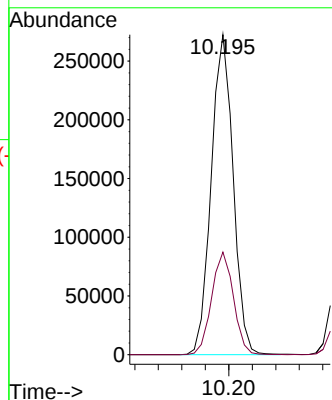
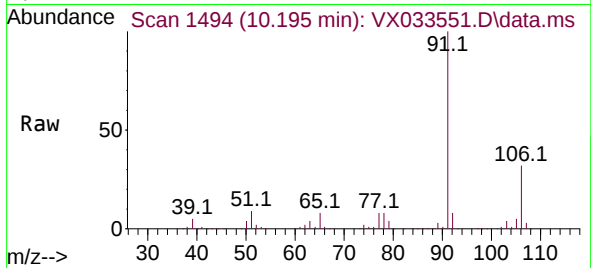




#52
Ethylbenzene
Concen: 51.483 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

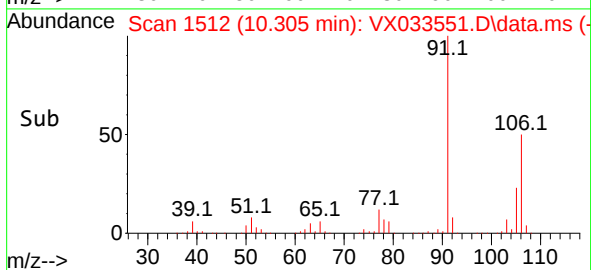
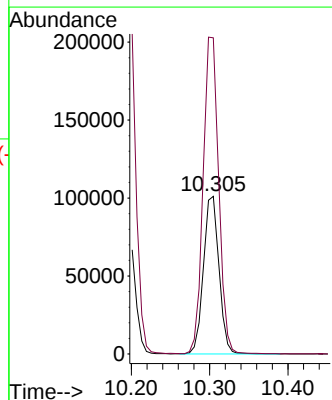
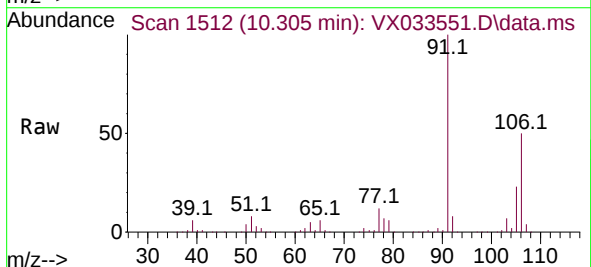
Instrument :
MSVOA_X
ClientSampleId :

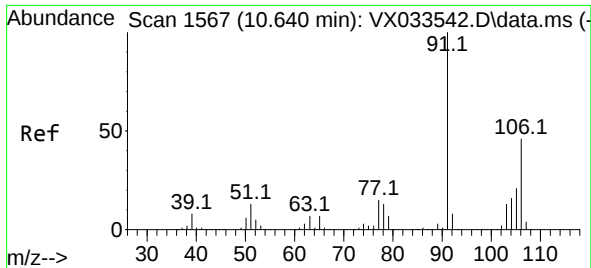
Tgt Ion: 91 Resp: 353056
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.7



#53
m,p-Xylene
Concen: 50.943 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Tgt Ion: 106 Resp: 139342
Ion Ratio Lower Upper
106 100
91 200.6 140.4 260.8

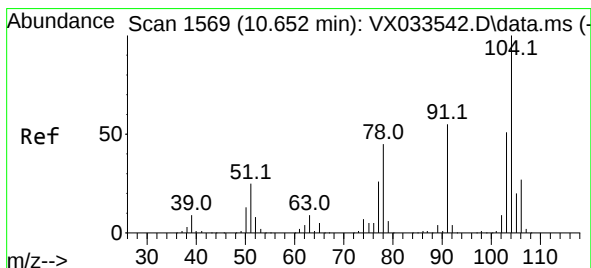
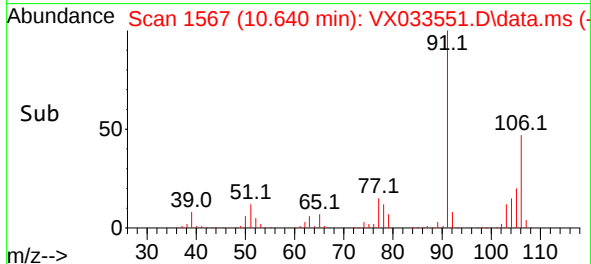
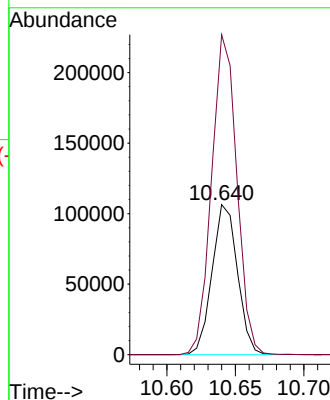
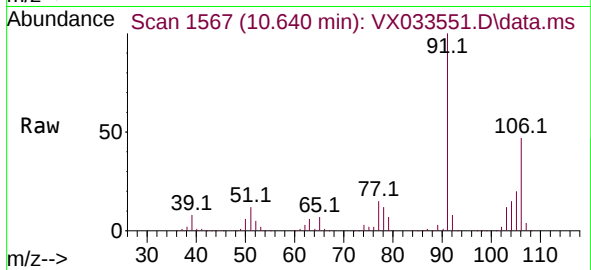




#54
o-Xylene
Concen: 51.213 ug/L
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

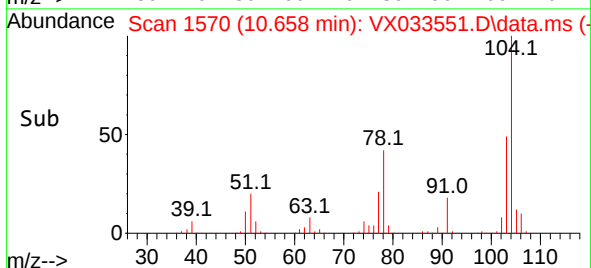
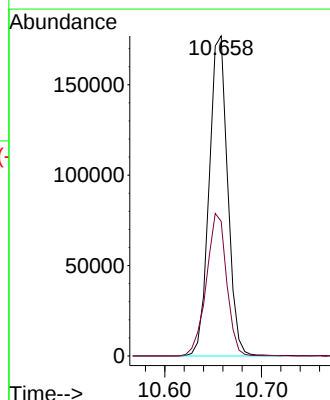
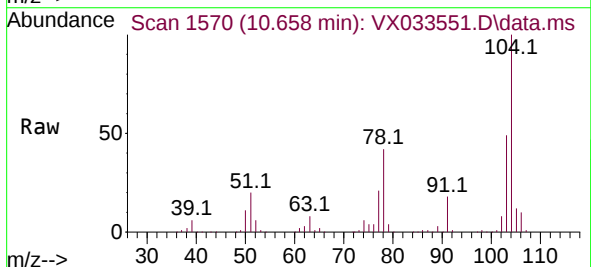
Instrument :
MSVOA_X
ClientSampleId :

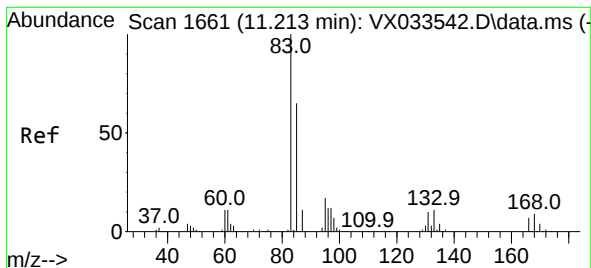
Tgt Ion:106 Resp: 137003
Ion Ratio Lower Upper
106 100
91 213.3 150.6 279.6



#55
Styrene
Concen: 52.103 ug/L
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Tgt Ion:104 Resp: 234907
Ion Ratio Lower Upper
104 100
78 42.1 31.7 58.9

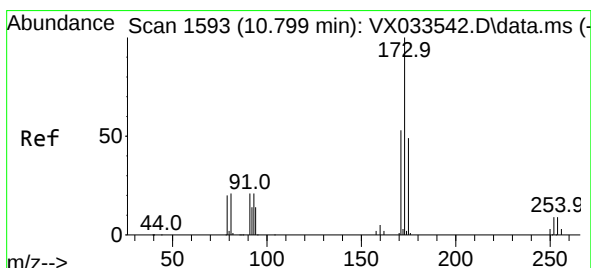
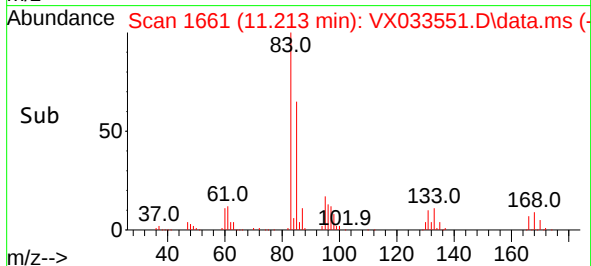
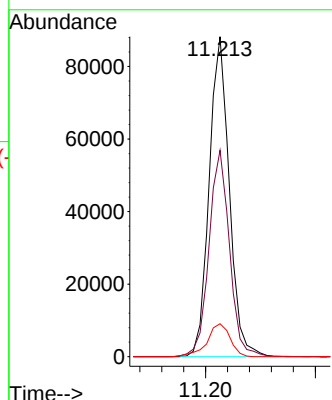
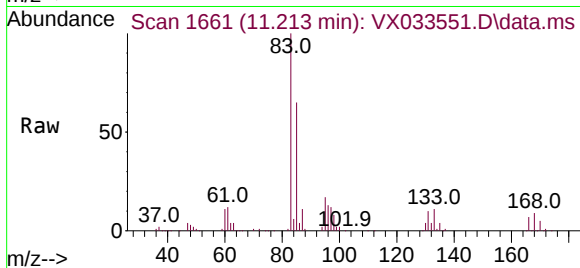




#57
1,1,2,2-Tetrachloroethane
Concen: 51.929 ug/L
RT: 11.213 min Scan# 112261
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

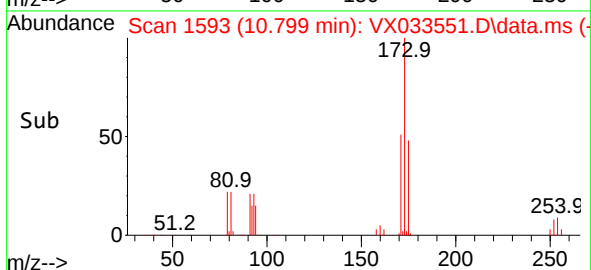
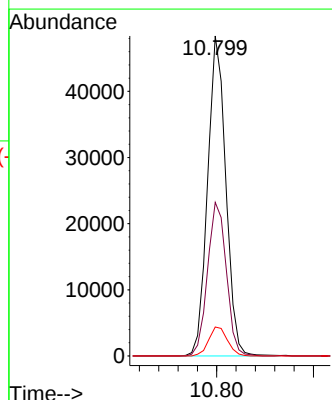
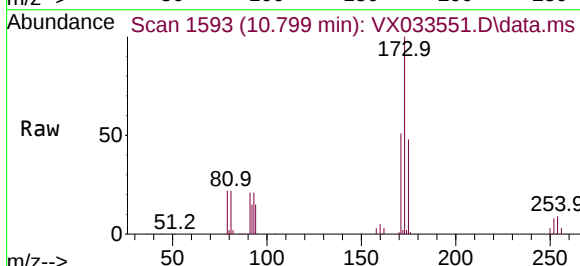
Instrument :
MSVOA_X
ClientSampleId :

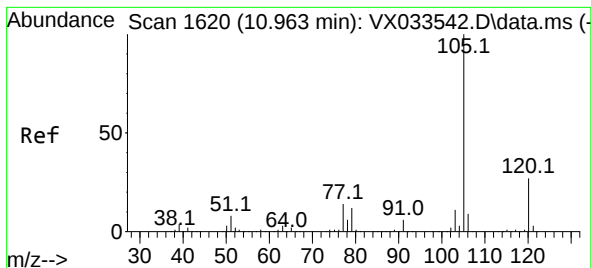
Tgt Ion: 83 Resp: 112261
Ion Ratio Lower Upper
83 100
85 64.5 45.6 84.8
131 10.3 8.4 12.6



#59
Bromoform
Concen: 50.994 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Tgt Ion: 173 Resp: 63379
Ion Ratio Lower Upper
173 100
175 49.5 38.9 58.3
254 9.3 7.2 10.8





#60

Isopropylbenzene

Concen: 51.266 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

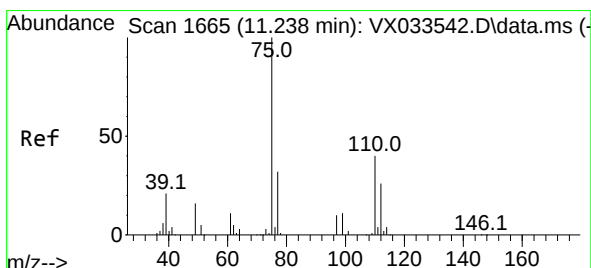
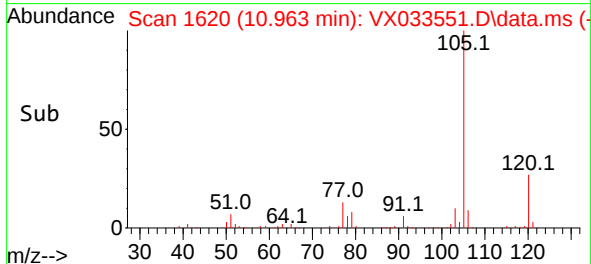
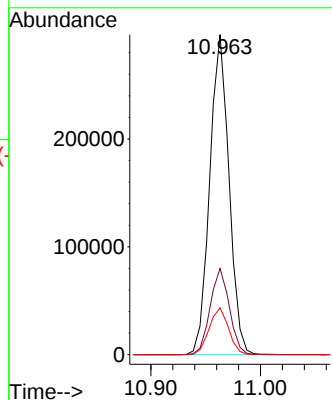
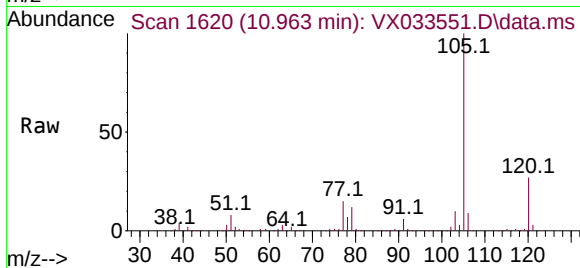
Tgt Ion:105 Resp: 361820

Ion Ratio Lower Upper

105 100

120 26.9 21.6 32.4

77 14.8 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 51.961 ug/L

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

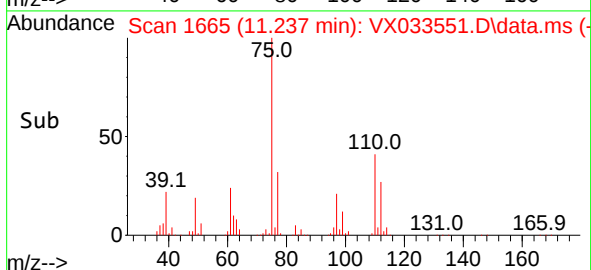
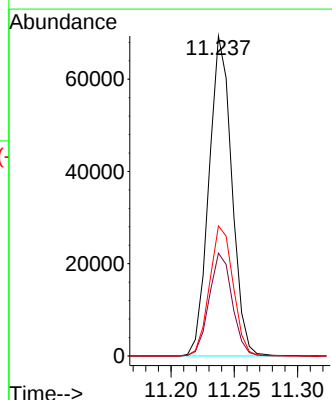
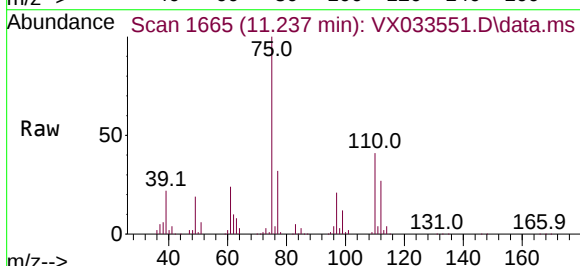
Tgt Ion: 75 Resp: 87354

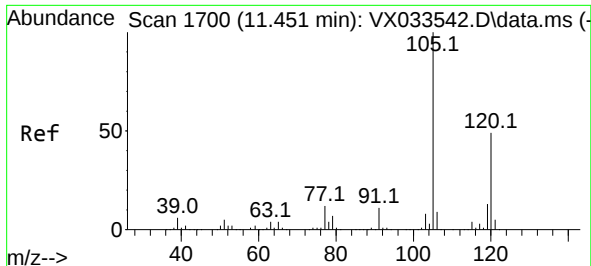
Ion Ratio Lower Upper

75 100

77 32.2 26.0 39.0

110 41.7 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 51.303 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

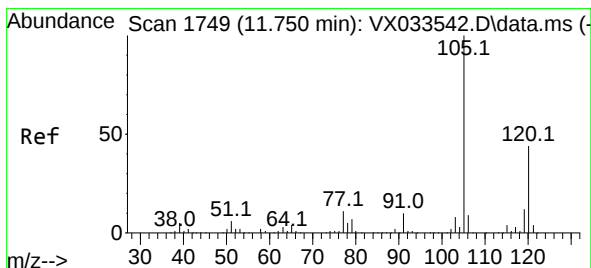
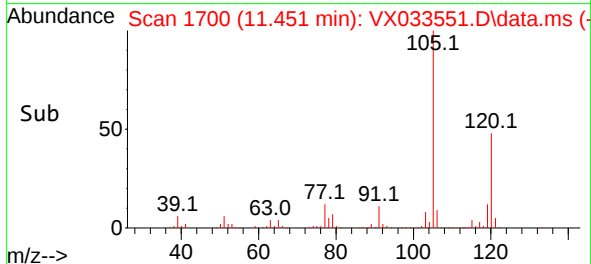
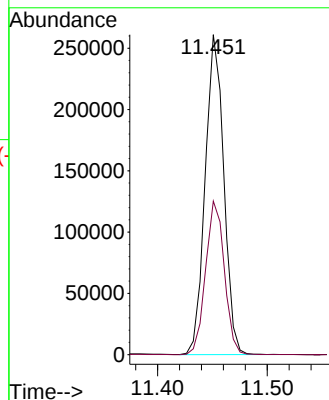
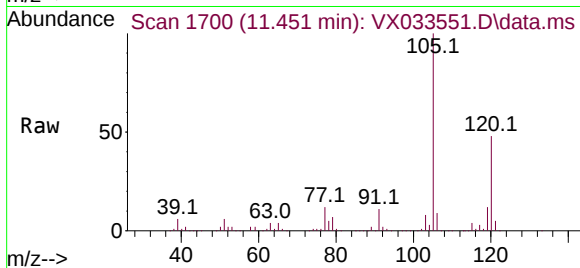
ClientSampleId :

Tgt Ion:105 Resp: 307575

Ion Ratio Lower Upper

105 100

120 48.3 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 51.868 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033551.D

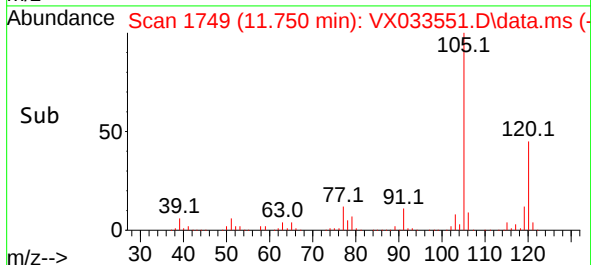
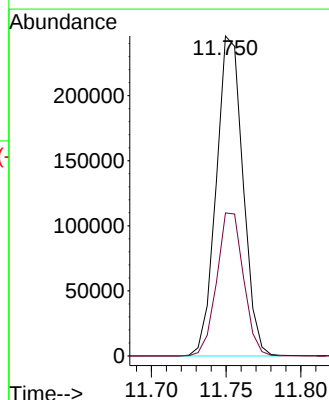
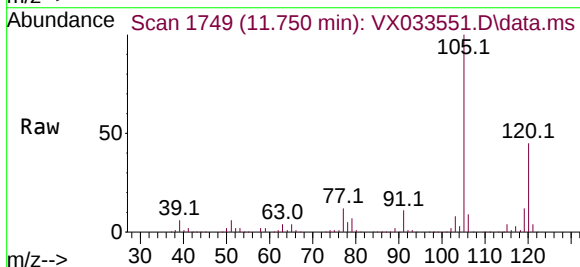
Acq: 22 Dec 2022 18:11

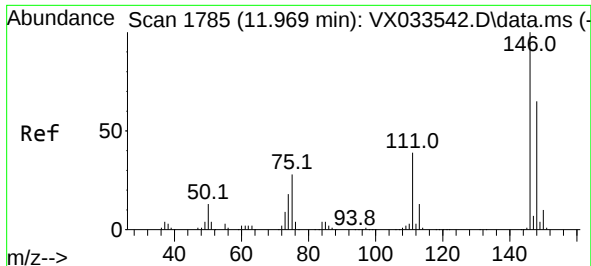
Tgt Ion:105 Resp: 305732

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.6

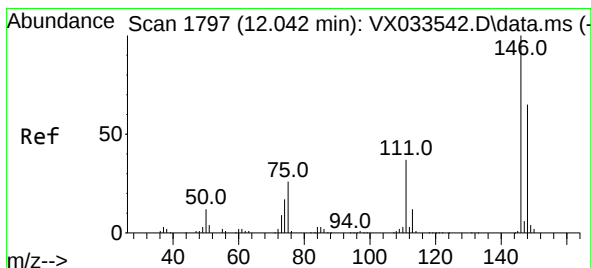
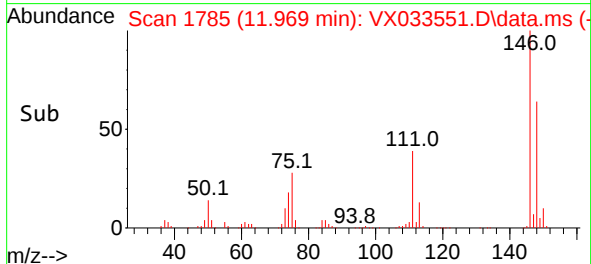
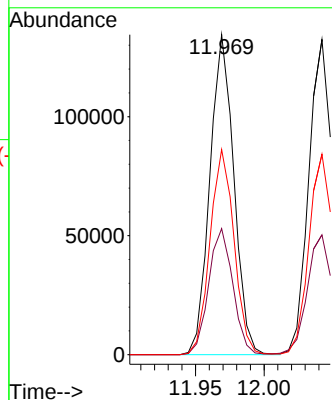
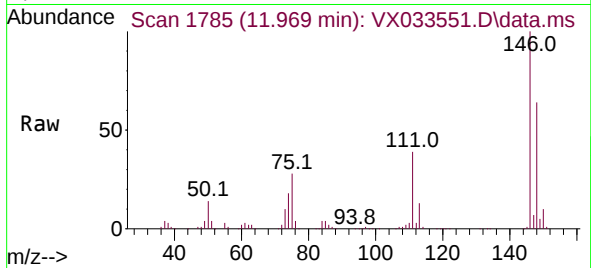




#64
1,3-Dichlorobenzene
Concen: 50.753 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

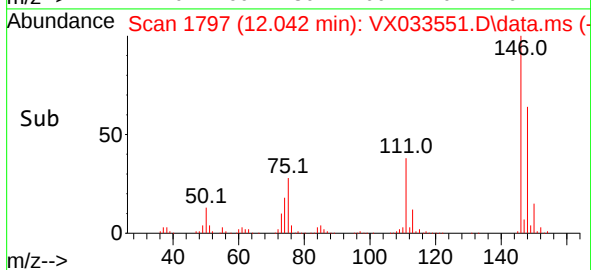
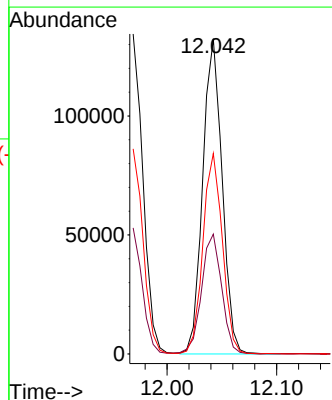
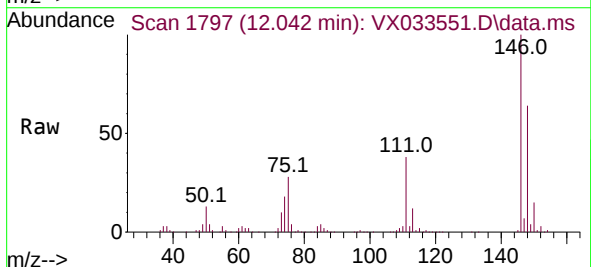
Instrument :
MSVOA_X
ClientSampleId :

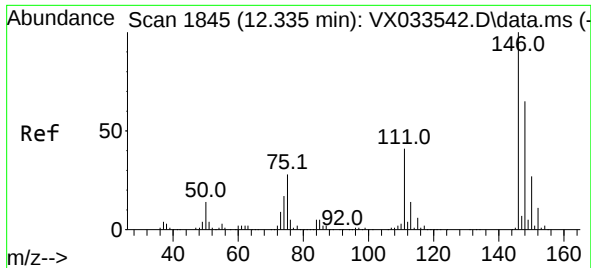
Tgt Ion:146 Resp: 163610
Ion Ratio Lower Upper
146 100
111 39.4 27.6 51.2
148 64.1 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 49.987 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Tgt Ion:146 Resp: 163003
Ion Ratio Lower Upper
146 100
111 38.0 25.8 47.8
148 63.6 45.8 85.0

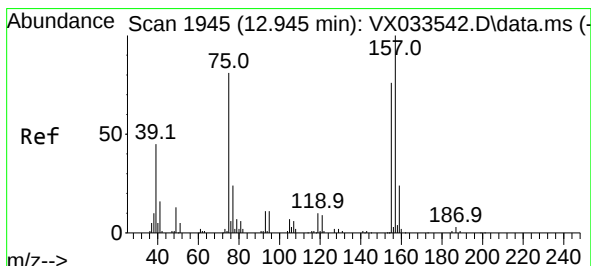
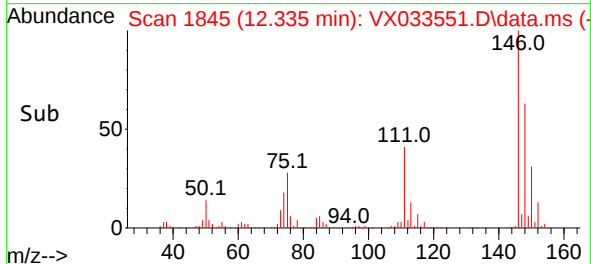
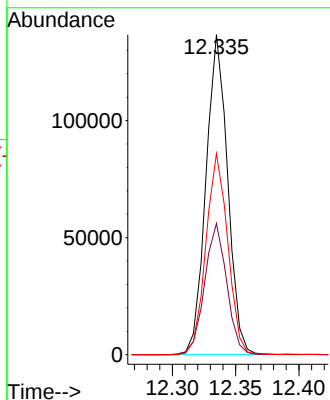
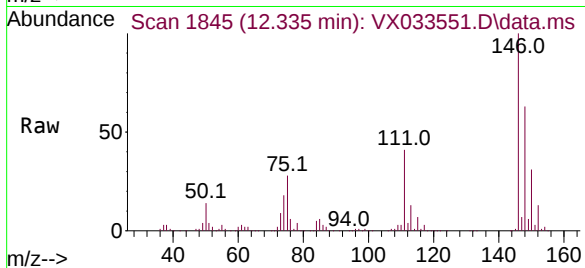




#67
1,2-Dichlorobenzene
Concen: 51.162 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

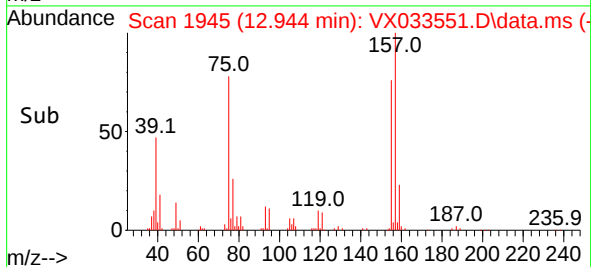
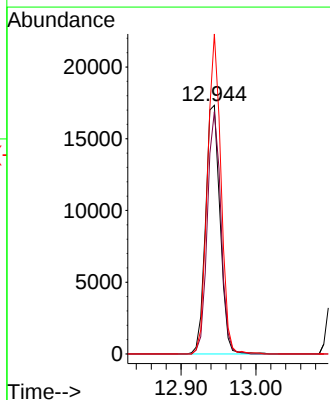
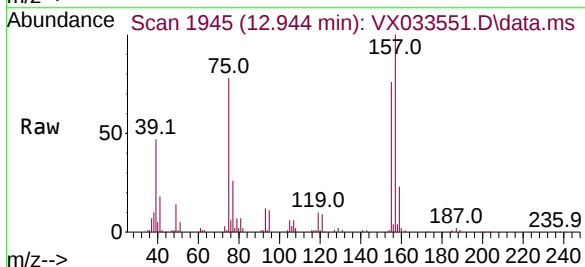
Instrument :
MSVOA_X
ClientSampleId :

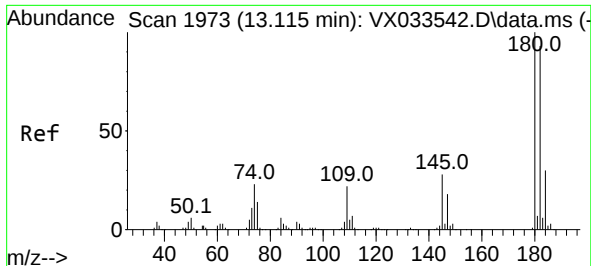
Tgt Ion:146 Resp: 162761
Ion Ratio Lower Upper
146 100
111 41.0 33.2 49.8
148 62.9 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 51.726 ug/L
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Tgt Ion: 75 Resp: 23377
Ion Ratio Lower Upper
75 100
155 97.5 75.4 113.2
157 128.7 98.7 148.1





#69

1,3,5-Trichlorobenzene

Concen: 50.707 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

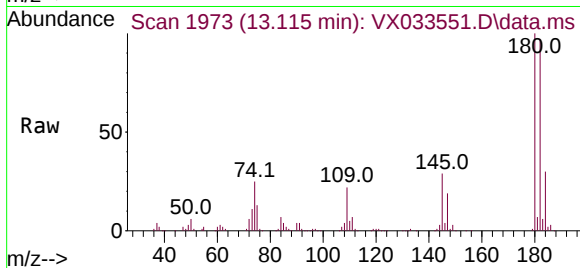
Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 109374

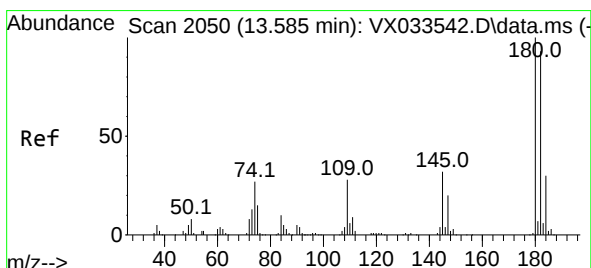
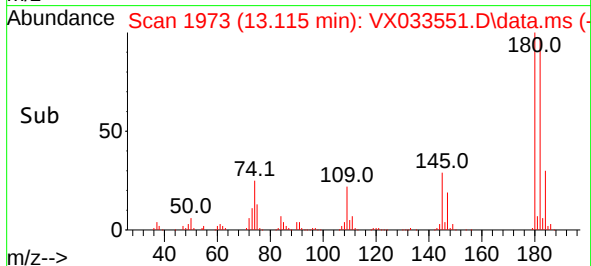
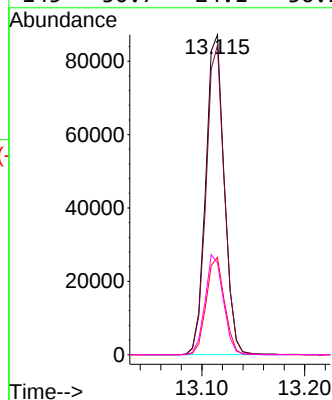
Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

184 29.9 24.0 36.0

145 30.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 50.807 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033551.D

Acq: 22 Dec 2022 18:11

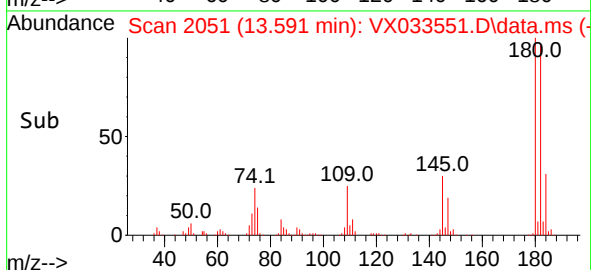
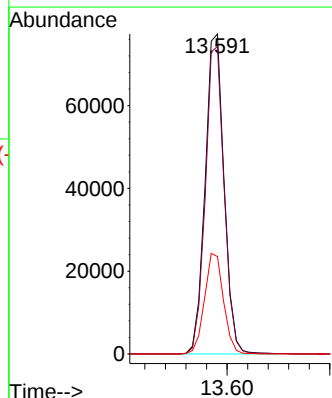
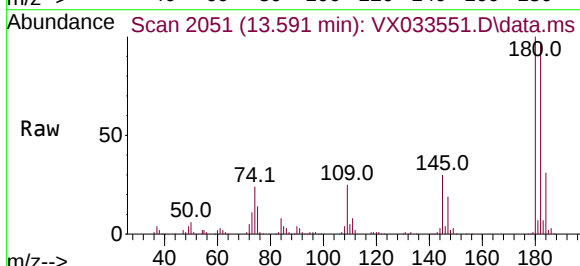
Tgt Ion:180 Resp: 99265

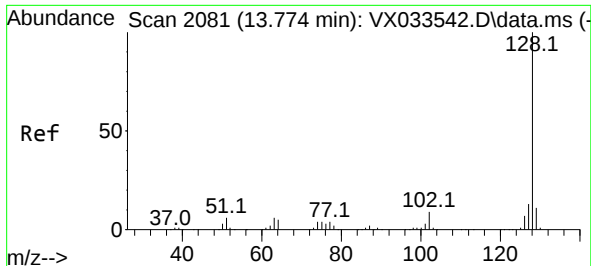
Ion Ratio Lower Upper

180 100

182 95.3 76.6 115.0

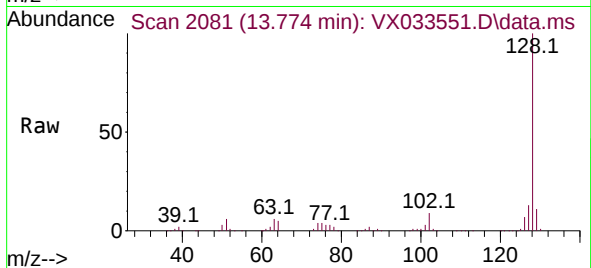
145 31.4 25.2 37.8



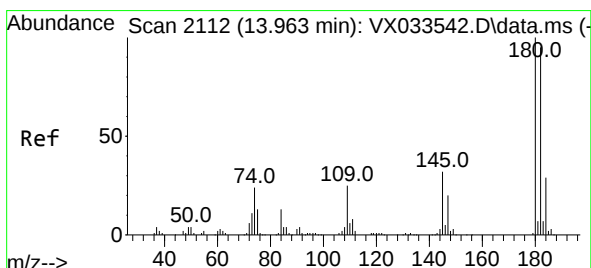
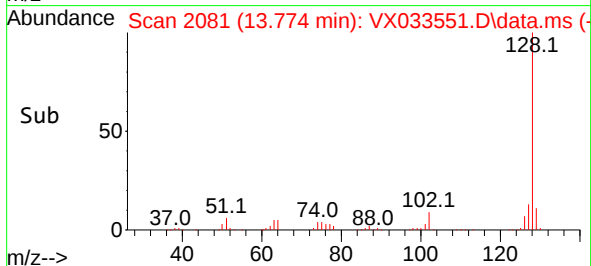
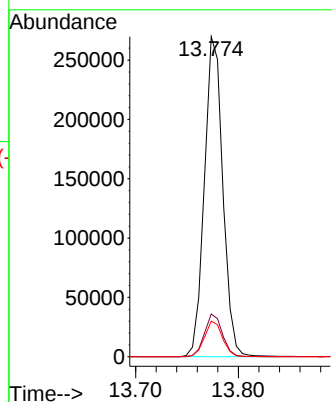


#71
Naphthalene
Concen: 52.723 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 336550
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.365 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033551.D
Acq: 22 Dec 2022 18:11

Tgt Ion:180 Resp: 100147
Ion Ratio Lower Upper
180 100
182 95.0 76.4 114.6
145 33.6 26.2 39.4

