

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122322\
 Data File : VX033553.D
 Acq On : 23 Dec 2022 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 00:20:21 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	6.757	114	216095	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197723	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	103012	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	51267	44.599	ug/L	0.00
7) Chloroethane-d5	1.672	69	42741	47.542	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	87327	47.581	ug/L	0.00
21) 2-Butanone-d5	4.458	46	86689	103.817	ug/L	0.00
24) Chloroform-d	5.056	84	143003	50.180	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	91480	51.773	ug/L	0.00
32) Benzene-d6	5.970	84	264211	46.789	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	80440	48.759	ug/L	0.00
41) Toluene-d8	8.647	98	257782	47.036	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	39159	49.099	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	67648	100.025	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	114521	50.625	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	104343	48.830	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	31296	60.004	ug/L	99
3) Chloromethane	1.294	50	33551	51.235	ug/L	98
5) Vinyl chloride	1.373	62	42517	49.135	ug/L	95
6) Bromomethane	1.617	94	25542	49.617	ug/L	98
8) Chloroethane	1.691	64	29067	50.491	ug/L	99
9) Trichlorofluoromethane	1.892	101	74003	51.675	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	44835	49.206	ug/L	99
12) 1,1-Dichloroethene	2.318	96	39495	48.204	ug/L	96
13) Acetone	2.392	43	45954	85.676	ug/L	99
14) Carbon disulfide	2.514	76	123968	49.723	ug/L	99
15) Methyl Acetate	2.709	43	51317	47.852	ug/L	97
16) Methylene chloride	2.788	84	56561	46.113	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	55276	45.546	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	182187	47.365	ug/L	98
19) 1,1-Dichloroethane	3.611	63	101866	48.360	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	64943	45.657	ug/L	97
22) 2-Butanone	4.562	43	81493	92.257	ug/L	98
23) Bromochloromethane	4.903	128	34360	45.128	ug/L	98
25) Chloroform	5.092	83	118507	48.418	ug/L	100
27) 1,2-Dichloroethane	6.086	62	94599	50.668	ug/L	97
29) Cyclohexane	5.470	56	88039	45.560	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	107335	46.679	ug/L	99
31) Carbon tetrachloride	5.678	117	95339	46.720	ug/L	99
33) Benzene	6.037	78	239453	45.569	ug/L	100
34) Trichloroethene	7.122	95	66047	45.076	ug/L	98
35) Methylcyclohexane	7.379	83	101095	47.078	ug/L	97
37) 1,2-Dichloropropane	7.427	63	60719	46.858	ug/L	100
38) Bromodichloromethane	7.817	83	92040	48.131	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	96222	45.702	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	156548	97.552	ug/L	99
42) Toluene	8.720	91	274345	46.193	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	94135	47.621	ug/L	98

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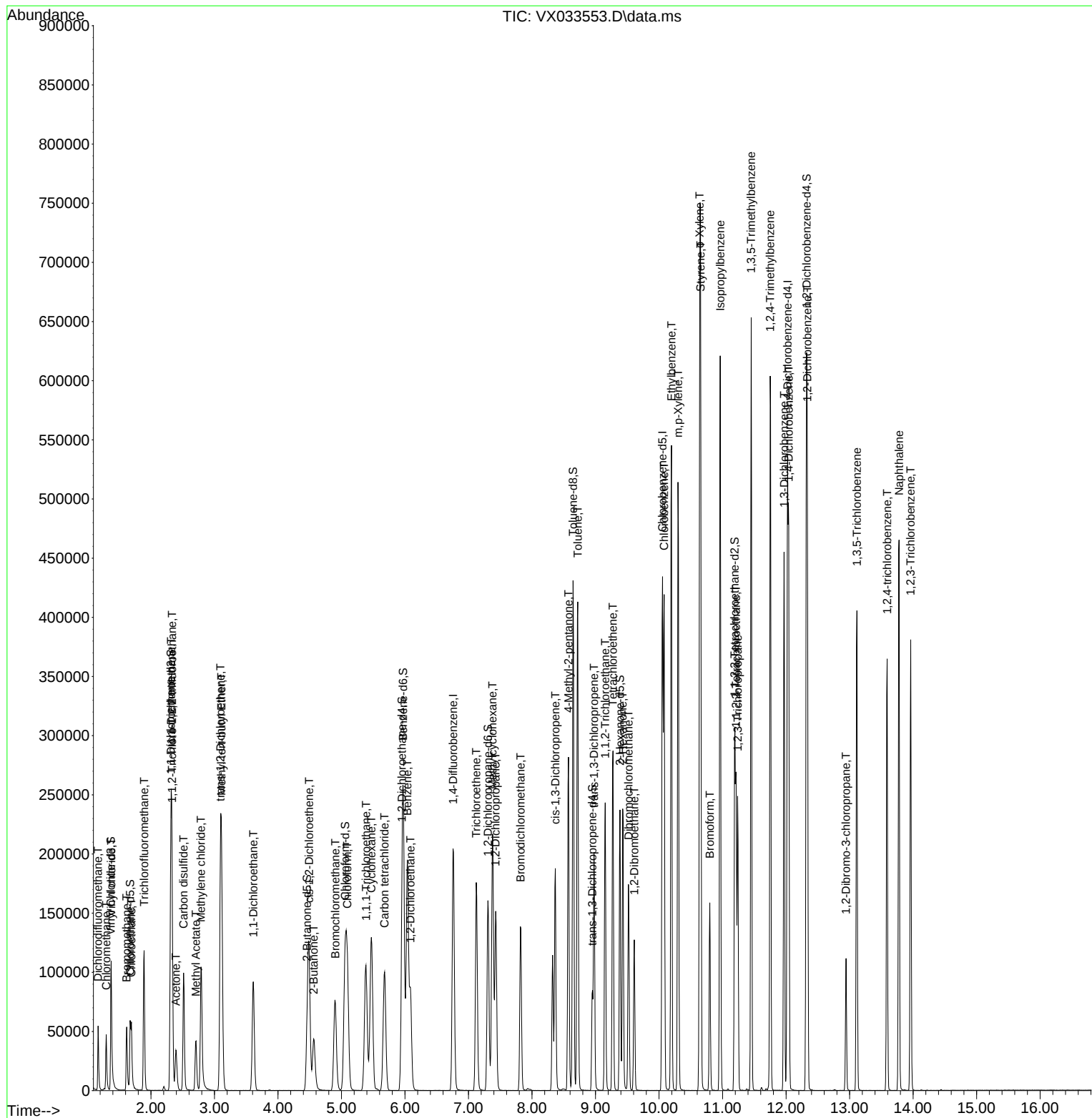
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	65370	46.604	ug/L	98
46) Tetrachloroethene	9.275	164	55206	44.641	ug/L	96
48) 2-Hexanone	9.427	43	123005	96.506	ug/L	99
49) Dibromochloromethane	9.518	129	77984	47.608	ug/L	97
50) 1,2-Dibromoethane	9.610	107	69345	45.798	ug/L	100
51) Chlorobenzene	10.079	112	181341	46.013	ug/L	99
52) Ethylbenzene	10.195	91	312170	47.978	ug/L	100
53) m,p-Xylene	10.299	106	122336	47.140	ug/L	97
54) o-Xylene	10.640	106	121321	47.800	ug/L	98
55) Styrene	10.652	104	207980	48.621	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	99449	48.486	ug/L	100
59) Bromoform	10.799	173	56535	47.132	ug/L	99
60) Isopropylbenzene	10.963	105	326423	47.923	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	76628	47.229	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	276486	47.784	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	270331	47.520	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	145816	46.869	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	146277	46.480	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	143652	46.788	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	20987	48.116	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	101458	48.738	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	88684	47.033	ug/L	100
71) Naphthalene	13.780	128	298883	48.515	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	91149	48.440	ug/L	99

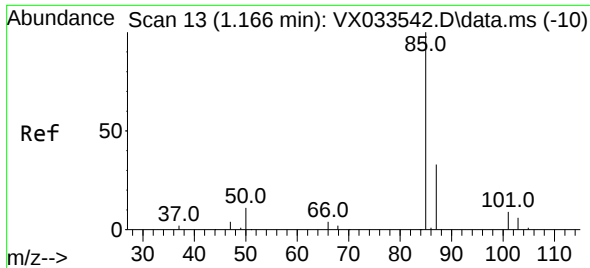
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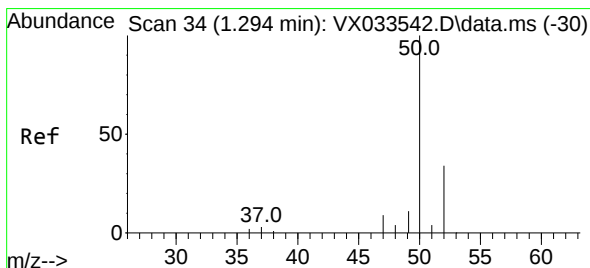
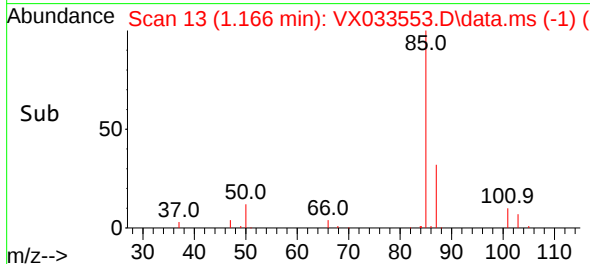
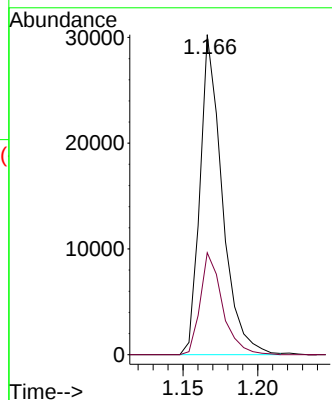
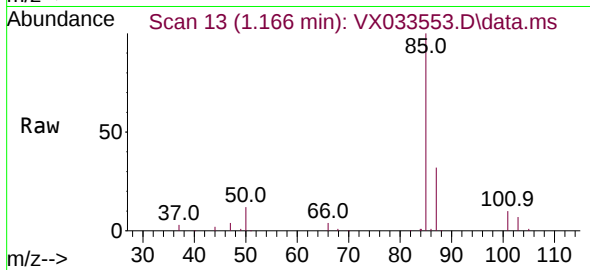




#2
 Dichlorodifluoromethane
 Concen: 60.004 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033553.D
 Acq: 23 Dec 2022 10:24

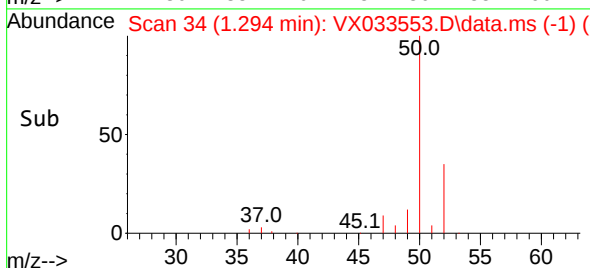
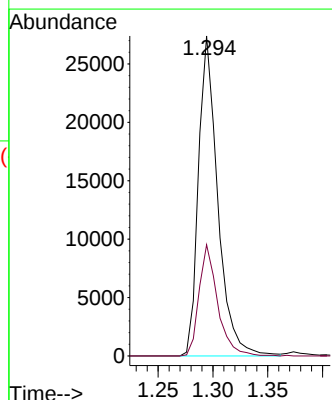
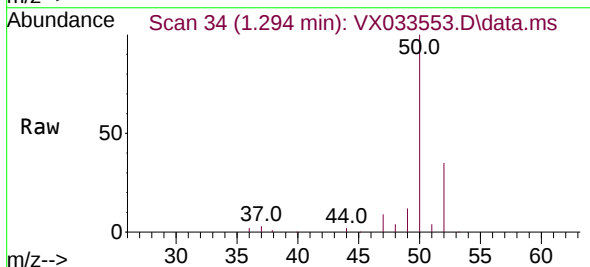
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 ClientSampleId :

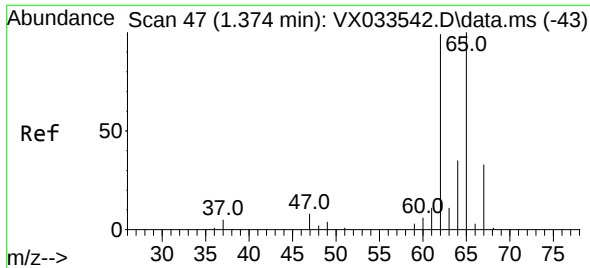
Tgt Ion: 85 Resp: 31296
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.1 39.1



#3
 Chloromethane
 Concen: 51.235 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX033553.D
 Acq: 23 Dec 2022 10:24

Tgt Ion: 50 Resp: 33551
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.7 43.9

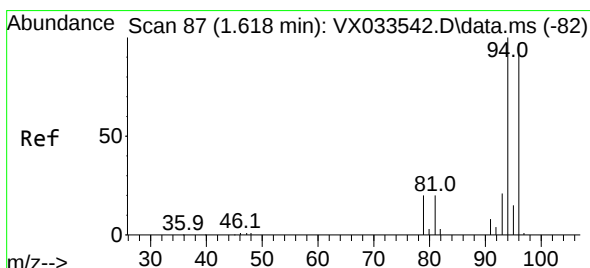
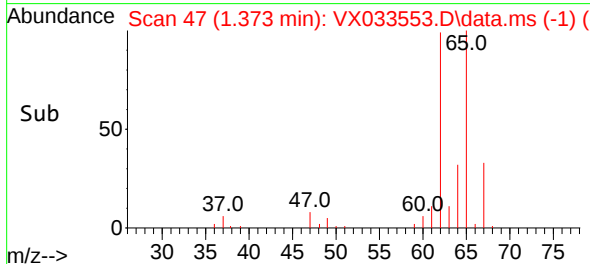
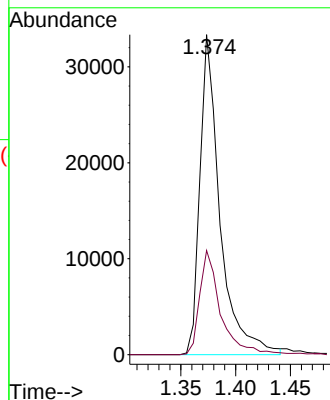
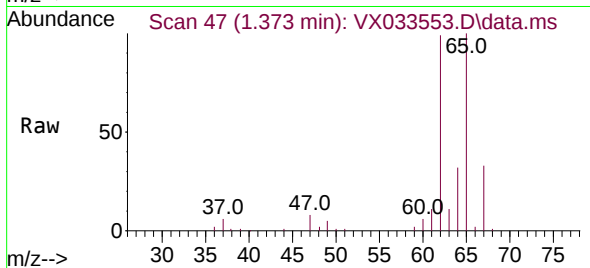




#5
 Vinyl chloride
 Concen: 49.135 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033553.D
 Acq: 23 Dec 2022 10:24

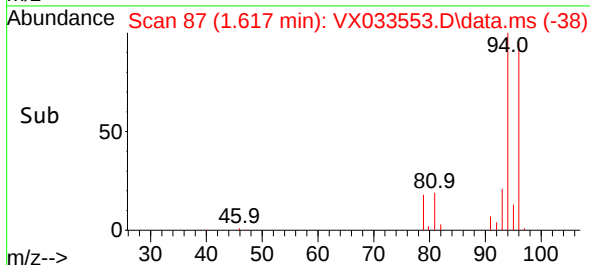
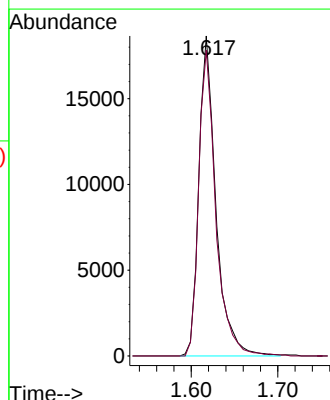
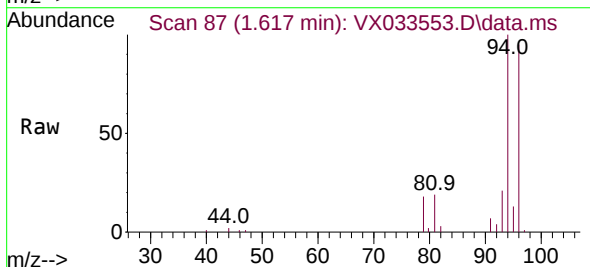
Instrument :
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 ClientSampleId :

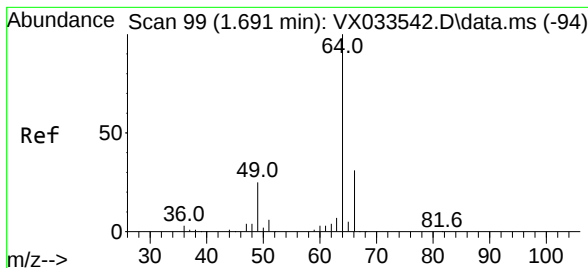
Tgt Ion: 62 Resp: 42517
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.8 46.1



#6
 Bromomethane
 Concen: 49.617 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX033553.D
 Acq: 23 Dec 2022 10:24

Tgt Ion: 94 Resp: 25542
 Ion Ratio Lower Upper
 94 100
 96 95.5 68.0 126.2





#8

Chloroethane

Concen: 50.491 ug/L

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

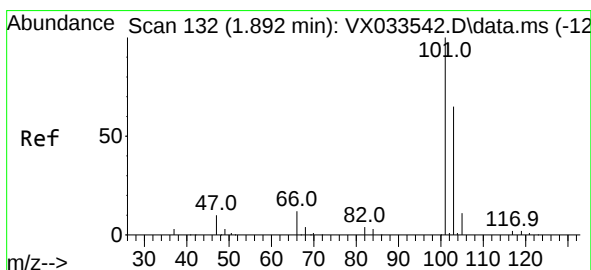
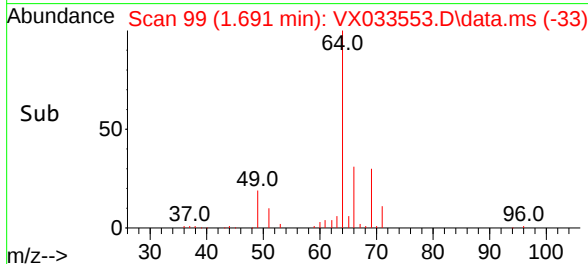
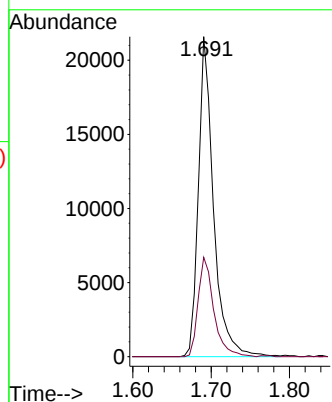
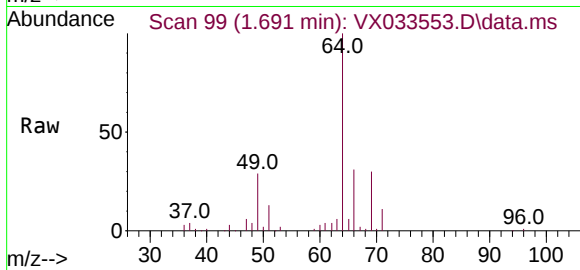
ClientSampleId :

Tgt Ion: 64 Resp: 29067

Ion Ratio Lower Upper

64 100

66 31.0 21.3 39.6



#9

Trichlorofluoromethane

Concen: 51.675 ug/L

RT: 1.892 min Scan# 132

Delta R.T. -0.000 min

Lab File: VX033553.D

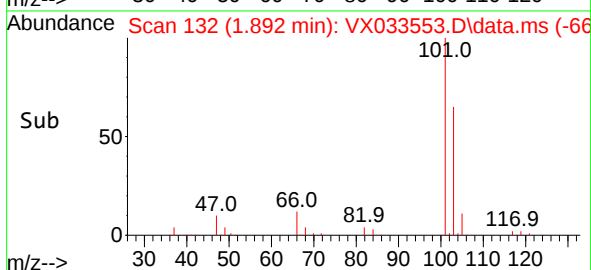
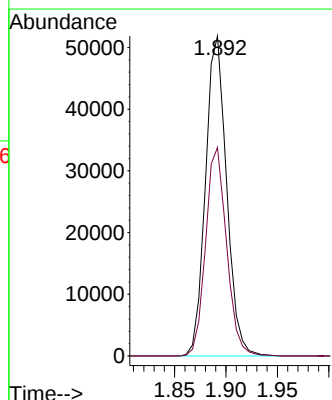
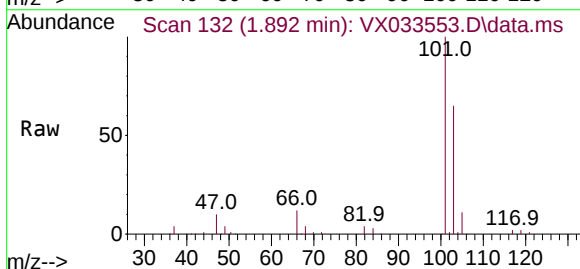
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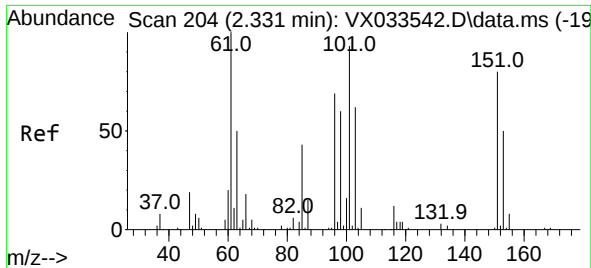
Tgt Ion:101 Resp: 74003

Ion Ratio Lower Upper

101 100

103 64.8 51.8 77.6

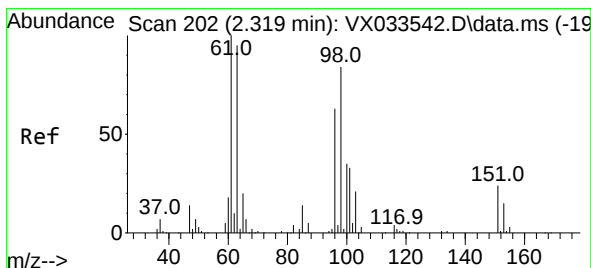
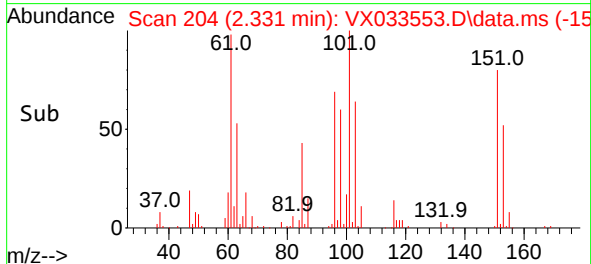
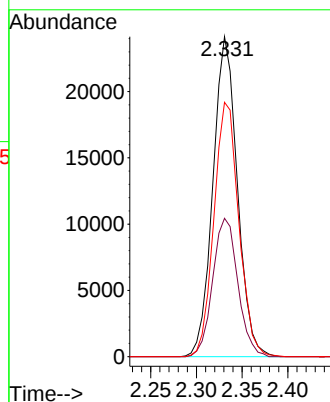
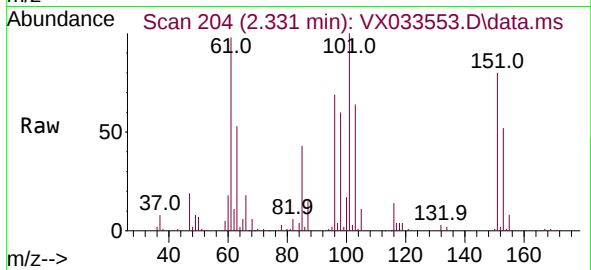




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.206 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX033553.D
 Acq: 23 Dec 2022 10:24

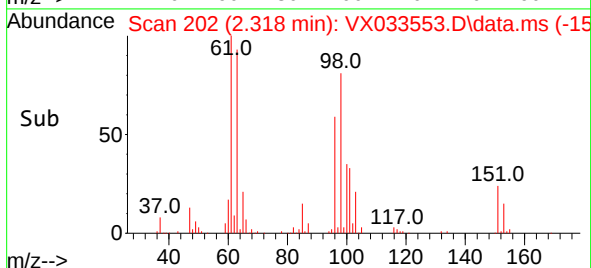
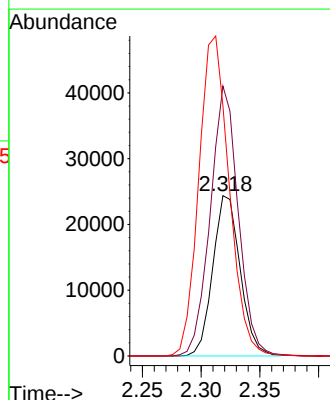
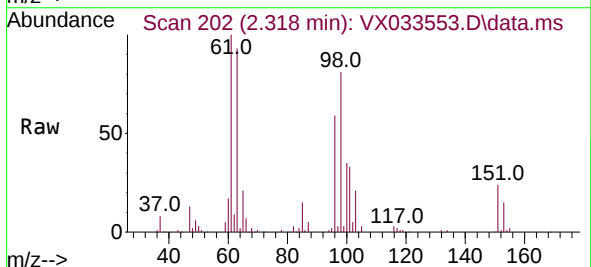
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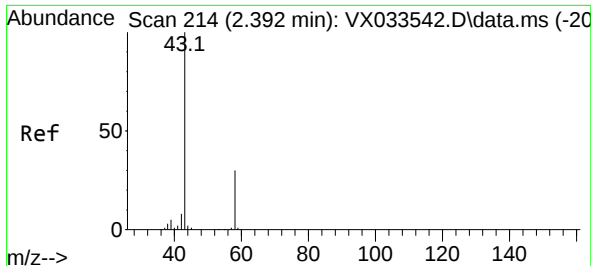
Tgt Ion:101 Resp: 44835
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.0 52.6
 151 81.1 65.7 98.5



#12
 1,1-Dichloroethene
 Concen: 48.204 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX033553.D
 Acq: 23 Dec 2022 10:24

Tgt Ion: 96 Resp: 39495
 Ion Ratio Lower Upper
 96 100
 61 168.3 111.6 207.2
 63 156.1 108.6 201.6





#13

Acetone

Concen: 85.676 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

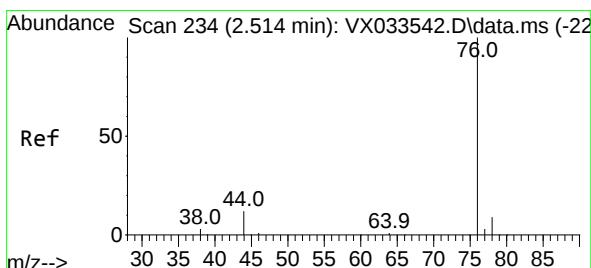
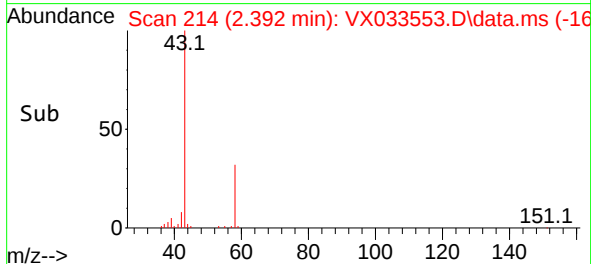
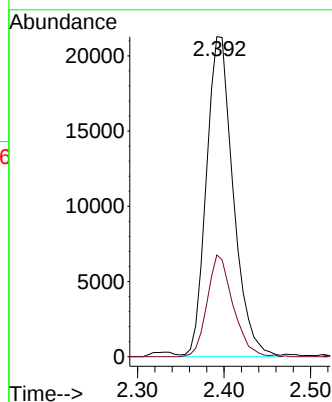
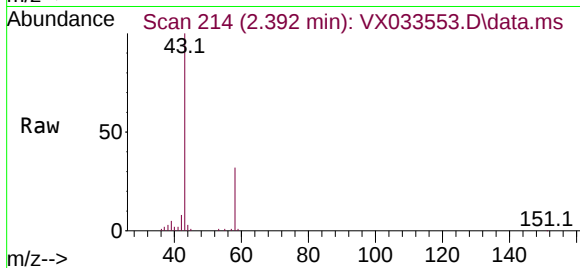
ClientSampleId :

Tgt Ion: 43 Resp: 45954

Ion Ratio Lower Upper

43 100

58 30.4 0.0 60.0



#14

Carbon disulfide

Concen: 49.723 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033553.D

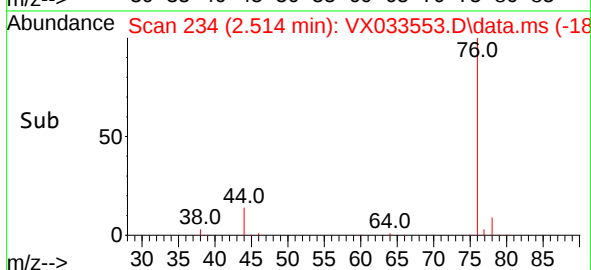
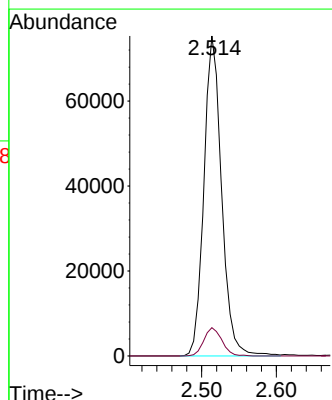
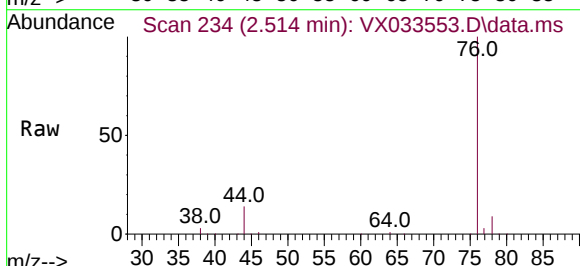
Acq: 23 Dec 2022 10:24

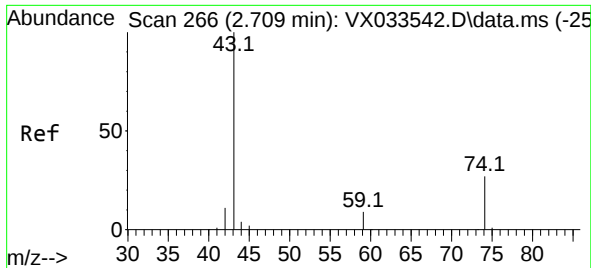
Tgt Ion: 76 Resp: 123968

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

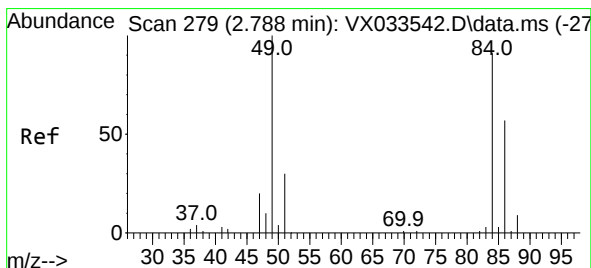
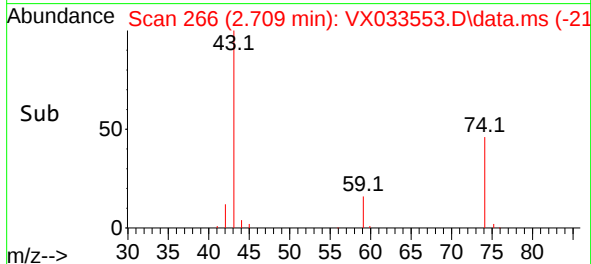
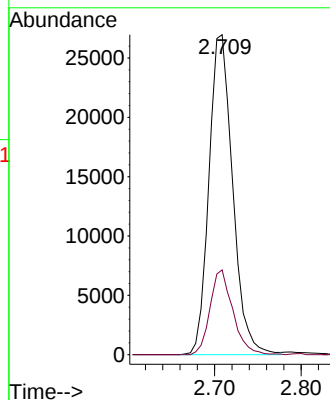
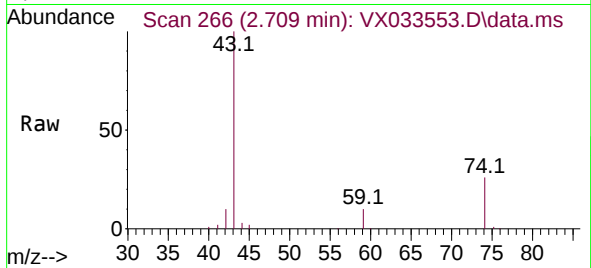




#15
Methyl Acetate
Concen: 47.852 ug/L
RT: 2.709 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

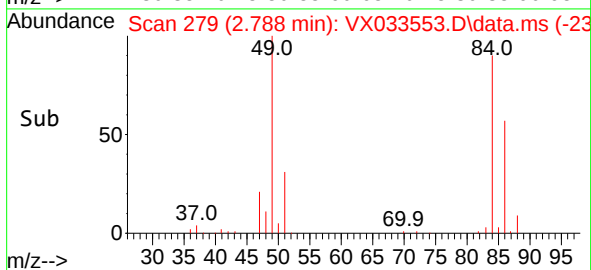
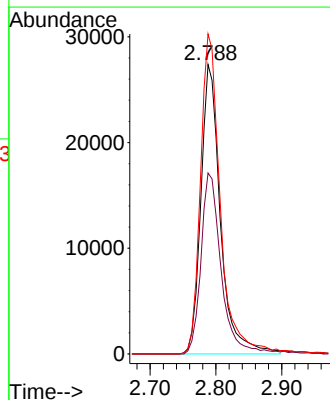
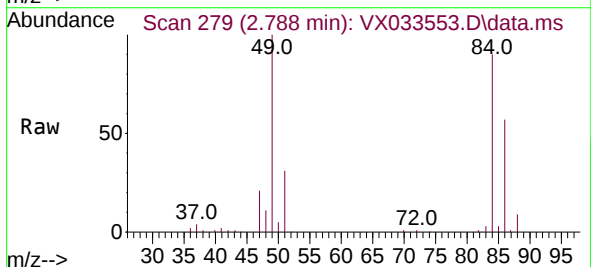
Instrument :
MSVOA_X
ClientSampleId :

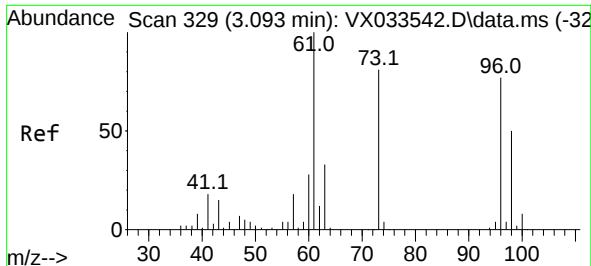
Tgt Ion: 43 Resp: 51317
Ion Ratio Lower Upper
43 100
74 25.4 21.4 32.0



#16
Methylene chloride
Concen: 46.113 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion: 84 Resp: 56561
Ion Ratio Lower Upper
84 100
86 62.5 44.0 81.6
49 110.5 77.2 143.4

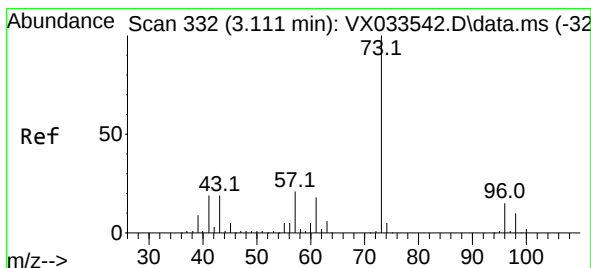
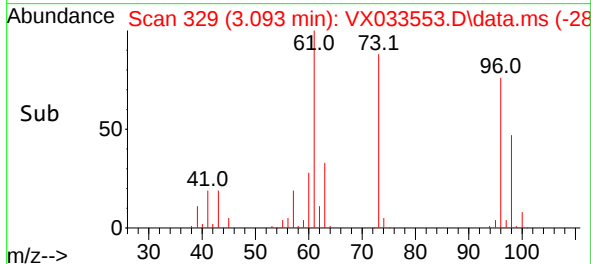
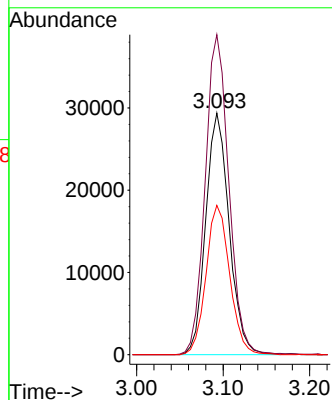
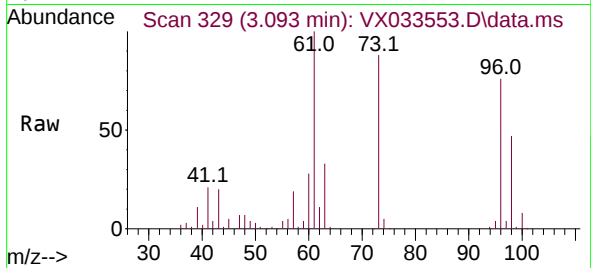




#17
trans-1,2-Dichloroethene
Concen: 45.546 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

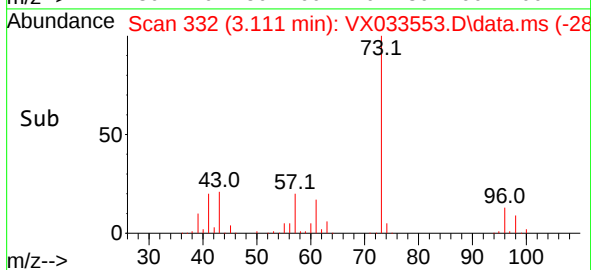
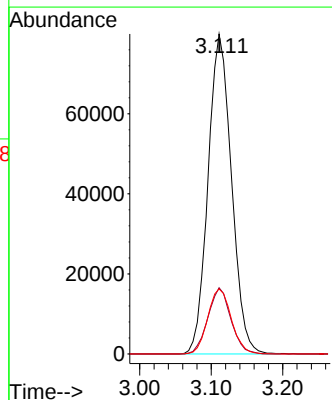
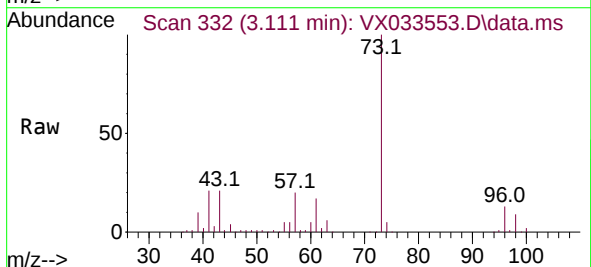
Instrument :
MSVOA_X
ClientSampleId :

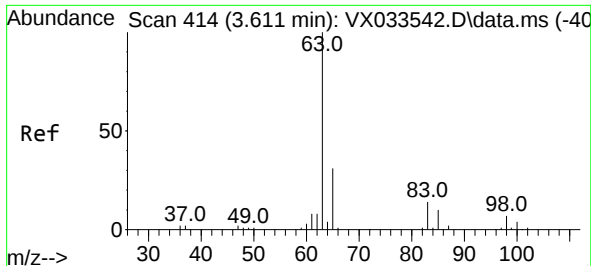
Tgt Ion: 96 Resp: 55276
Ion Ratio Lower Upper
96 100
61 132.4 90.6 168.2
98 61.8 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 47.365 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion: 73 Resp: 182187
Ion Ratio Lower Upper
73 100
43 20.2 14.7 22.1
57 20.4 16.4 24.6





#19

1,1-Dichloroethane

Concen: 48.360 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

ClientSampleId :

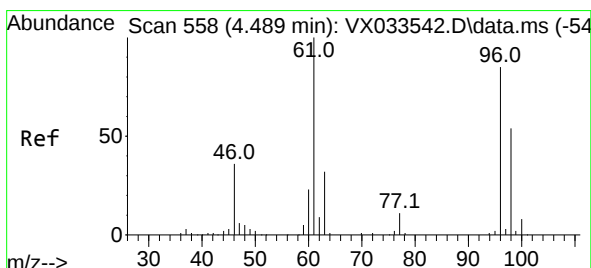
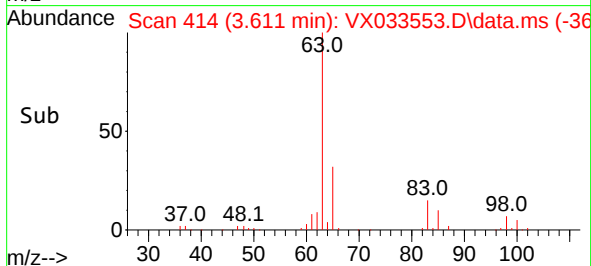
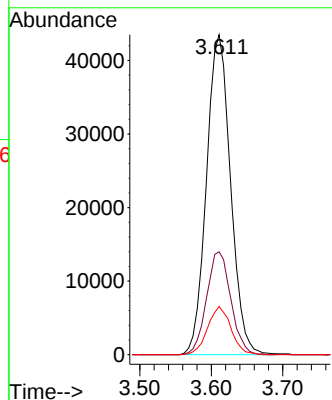
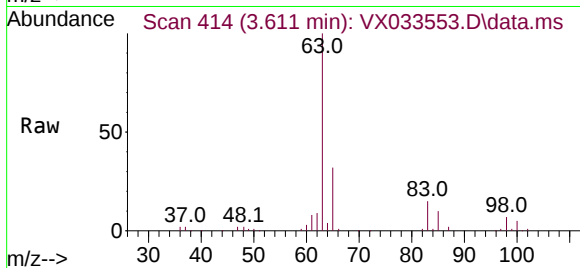
Tgt Ion: 63 Resp: 101866

Ion Ratio Lower Upper

63 100

65 32.1 21.8 40.6

83 15.1 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 45.657 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

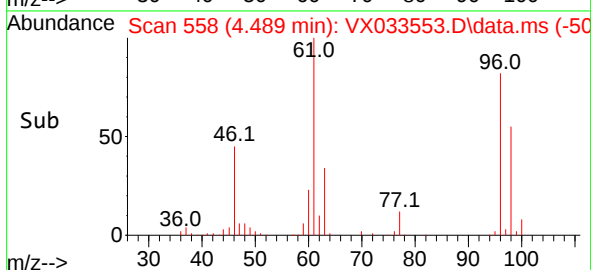
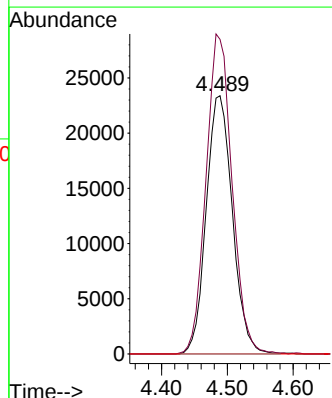
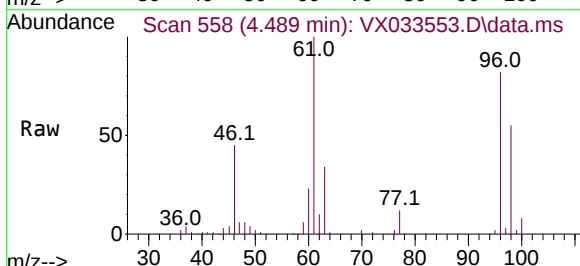
Tgt Ion: 96 Resp: 64943

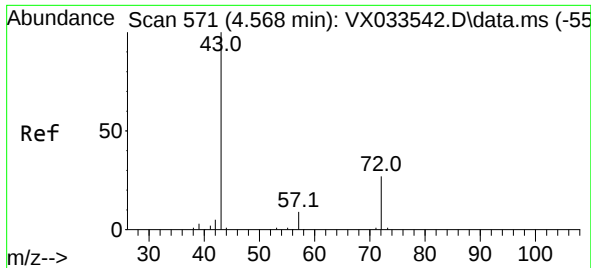
Ion Ratio Lower Upper

96 100

61 121.8 82.7 153.7

68 0.0 0.0 0.0

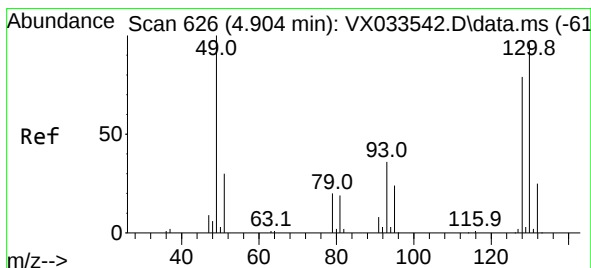
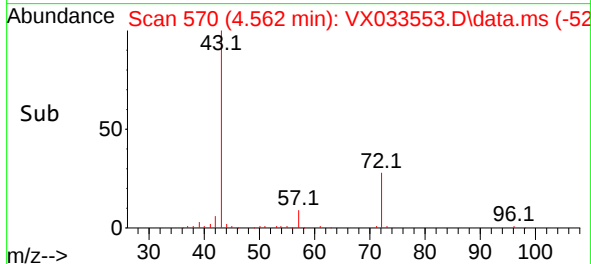
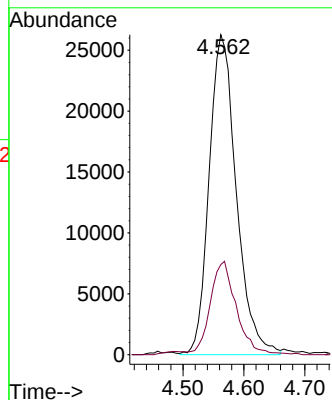
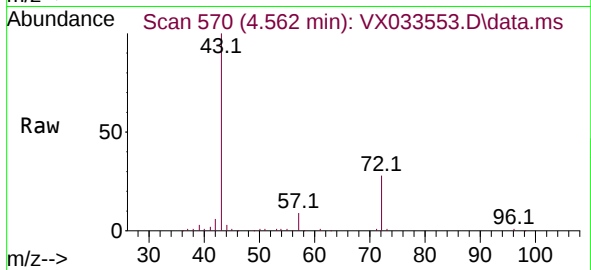




#22
2-Butanone
Concen: 92.257 ug/L
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

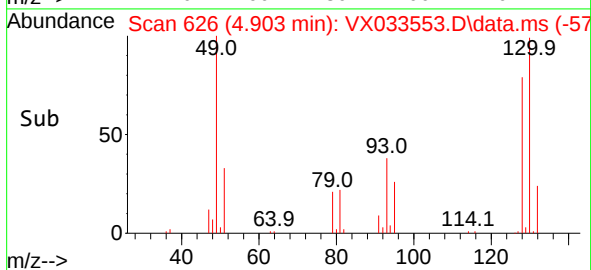
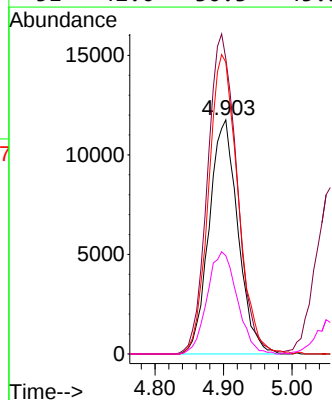
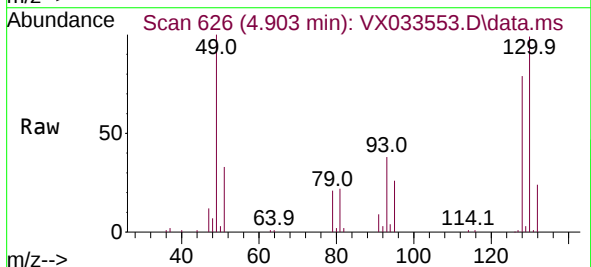
Instrument :
MSVOA_X
ClientSampleId :

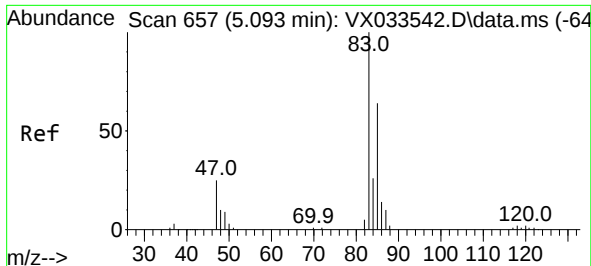
Tgt Ion: 43 Resp: 81493
Ion Ratio Lower Upper
43 100
72 28.1 14.6 44.0



#23
Bromochloromethane
Concen: 45.128 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion: 128 Resp: 34360
Ion Ratio Lower Upper
128 100
49 126.2 89.2 165.8
130 124.7 85.8 159.3
51 42.0 30.3 45.5





#25

Chloroform

Concen: 48.418 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

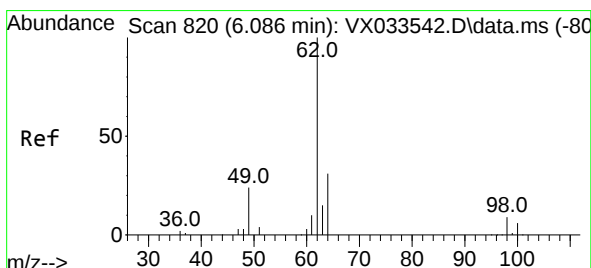
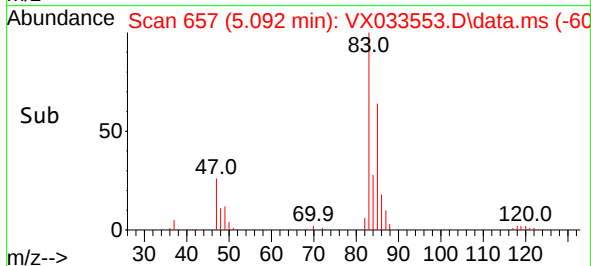
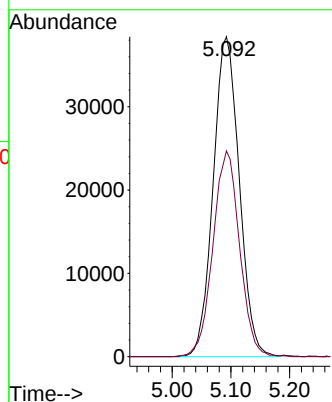
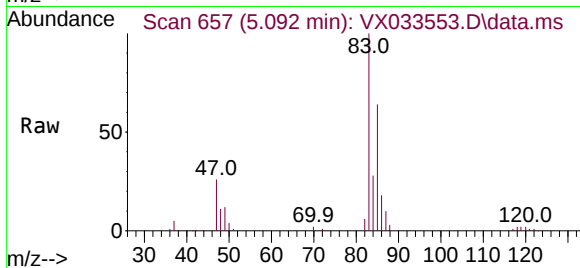
ClientSampleId :

Tgt Ion: 83 Resp: 118507

Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.3



#27

1,2-Dichloroethane

Concen: 50.668 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX033553.D

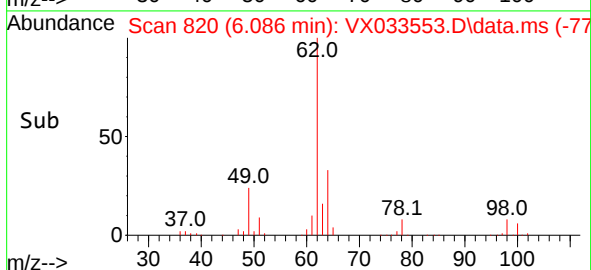
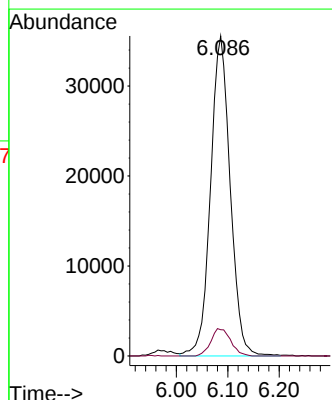
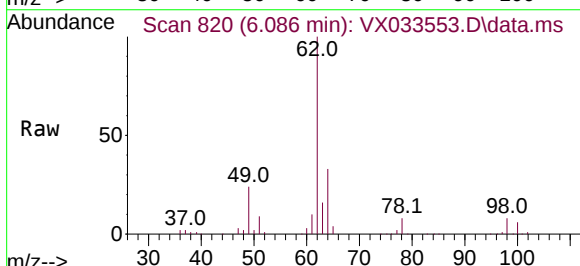
Acq: 23 Dec 2022 10:24

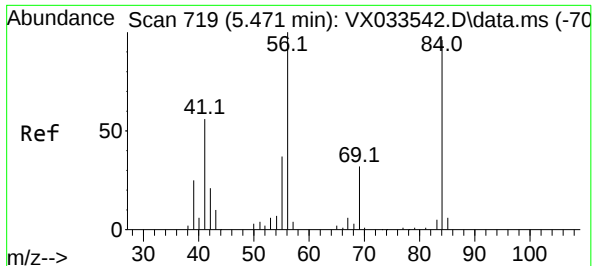
Tgt Ion: 62 Resp: 94599

Ion Ratio Lower Upper

62 100

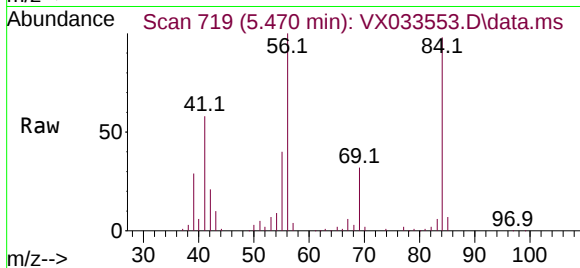
98 8.2 7.4 11.0



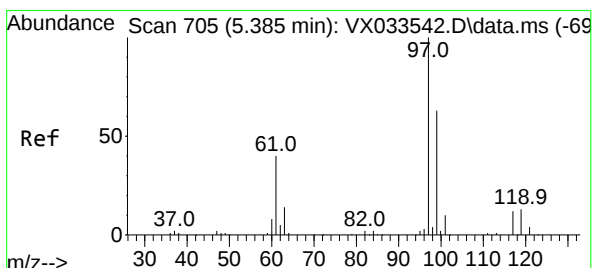
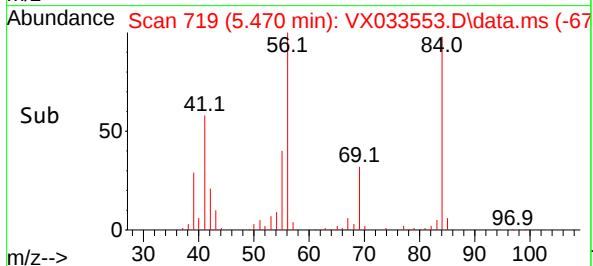
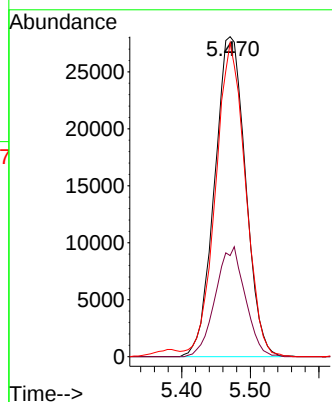


#29
Cyclohexane
Concen: 45.560 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Instrument :
MSVOA_X
ClientSampleId :

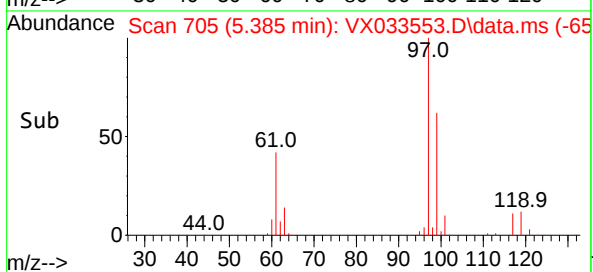
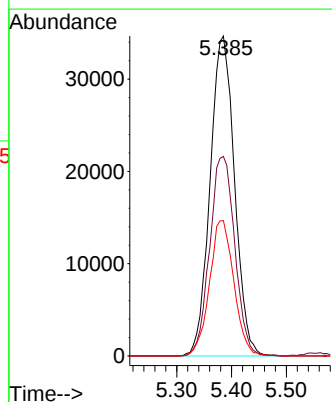
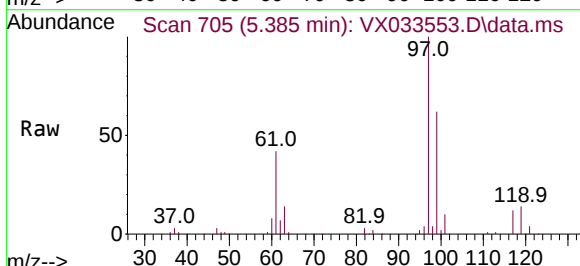


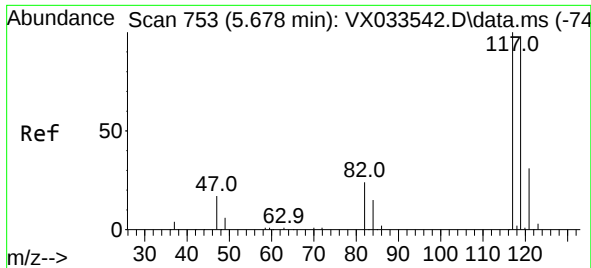
Tgt Ion	Resp	Lower	Upper
56	88039		
56	100		
69	33.1	26.3	39.5
84	94.7	75.6	113.4



#30
1,1,1-Trichloroethane
Concen: 46.679 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

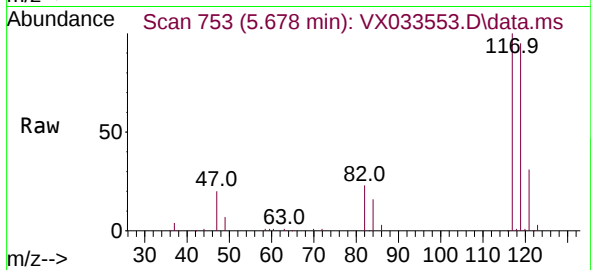
Tgt Ion	Resp	Lower	Upper
97	107335		
97	100		
99	64.0	51.3	76.9
61	42.2	32.4	48.6



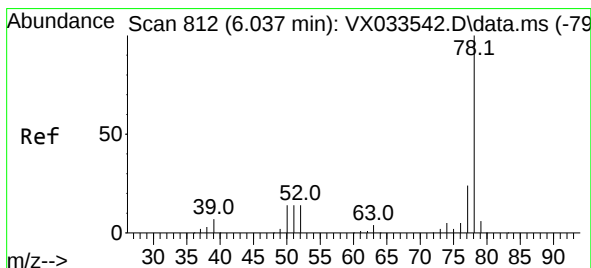
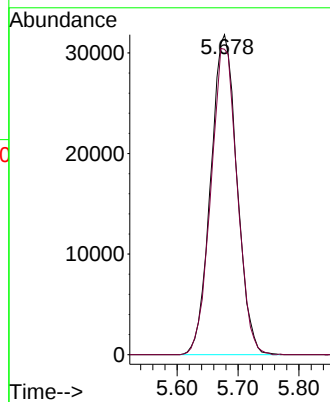
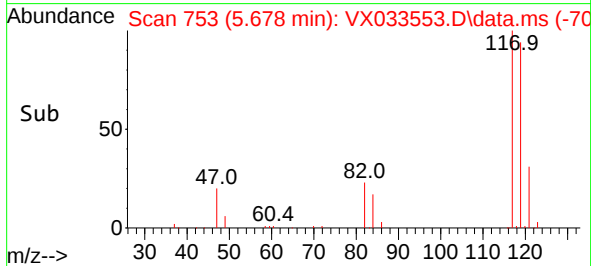


#31
Carbon tetrachloride
Concen: 46.720 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Instrument :
MSVOA_X
ClientSampleId :

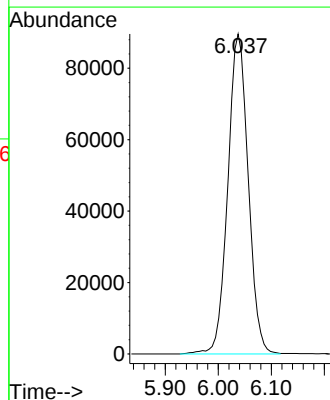
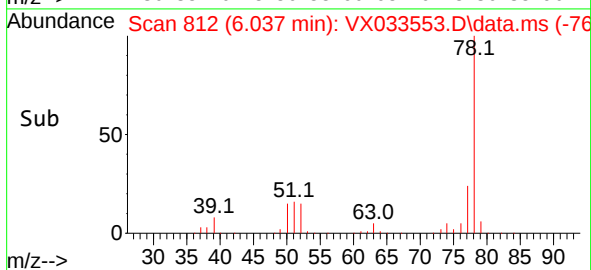
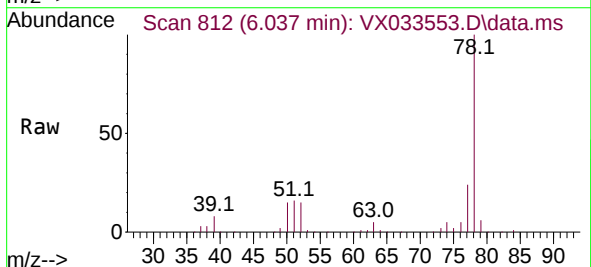


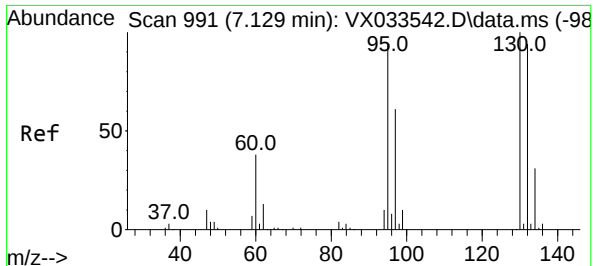
Tgt Ion:117 Resp: 95339
Ion Ratio Lower Upper
117 100
119 96.2 77.9 116.9



#33
Benzene
Concen: 45.569 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion: 78 Resp: 239453

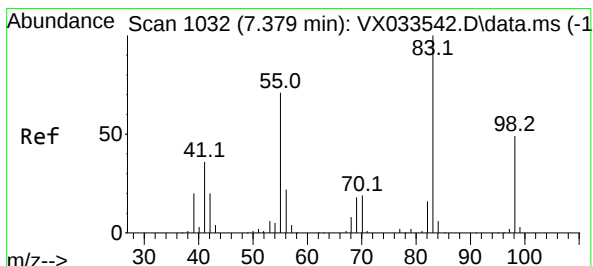
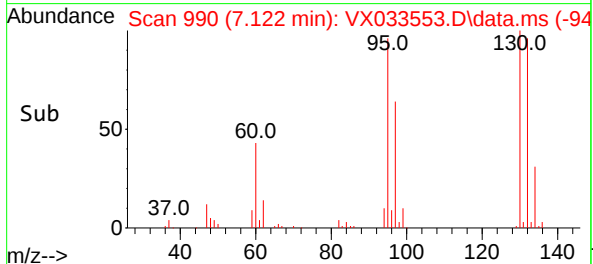
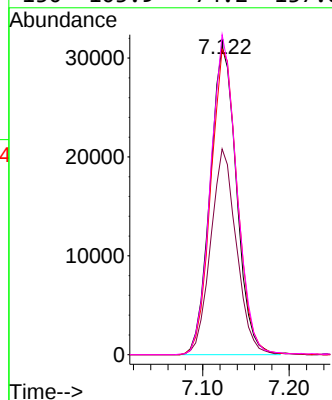
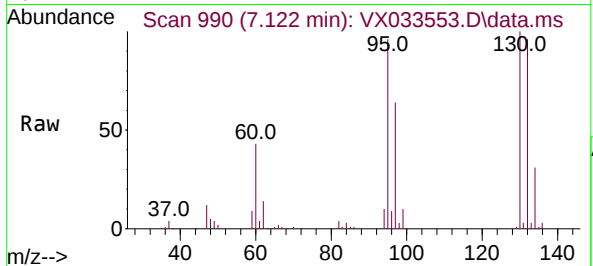




#34
Trichloroethene
Concen: 45.076 ug/L
RT: 7.122 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

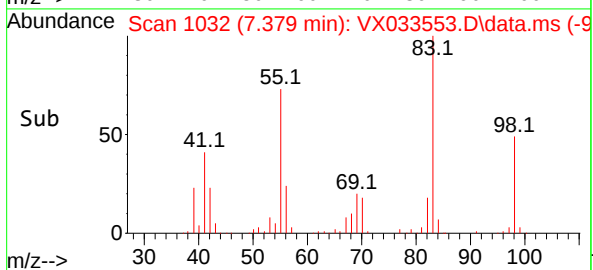
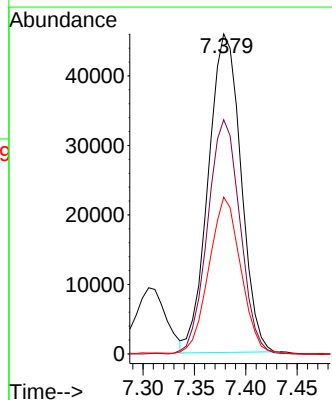
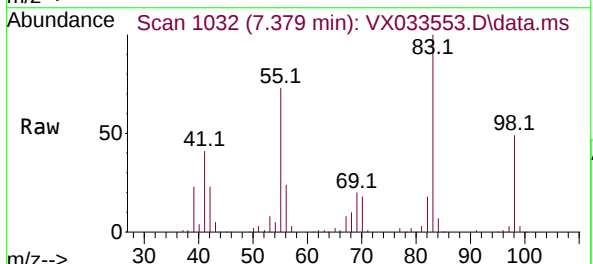
Instrument :
MSVOA_X
ClientSampleId :

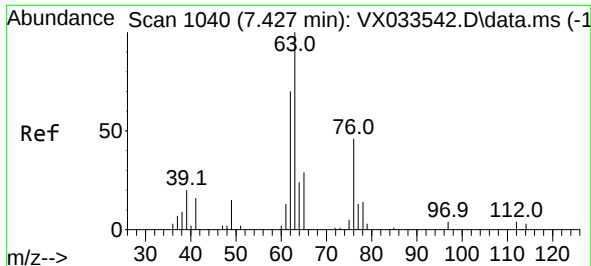
Tgt Ion: 95 Resp: 66047
Ion Ratio Lower Upper
95 100
97 66.8 44.9 83.3
132 99.2 69.5 129.1
130 103.9 74.2 137.8



#35
Methylcyclohexane
Concen: 47.078 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion: 83 Resp: 101095
Ion Ratio Lower Upper
83 100
55 73.2 55.6 83.4
98 48.2 38.6 57.8





#37

1,2-Dichloropropane

Concen: 46.858 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

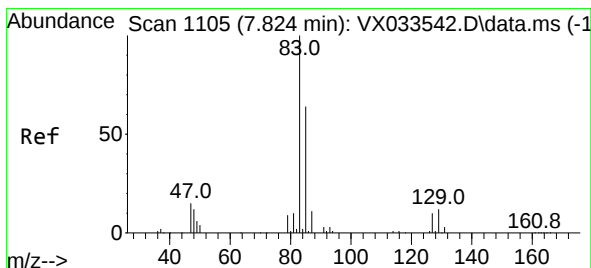
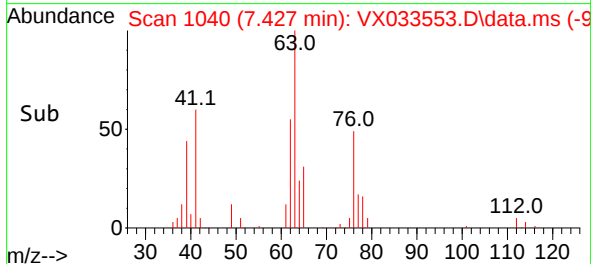
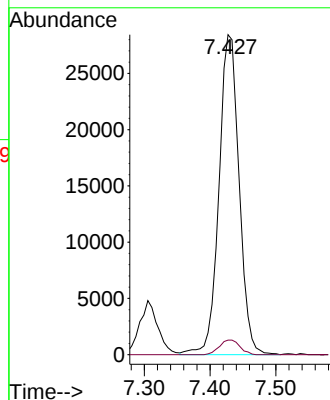
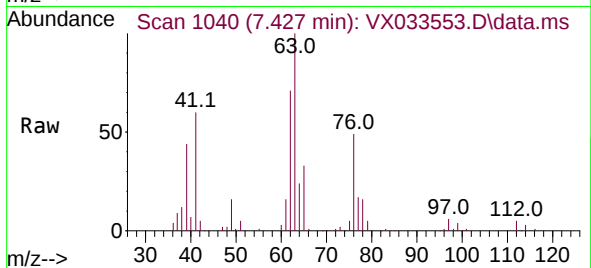
ClientSampleId :

Tgt Ion: 63 Resp: 60719

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 48.131 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

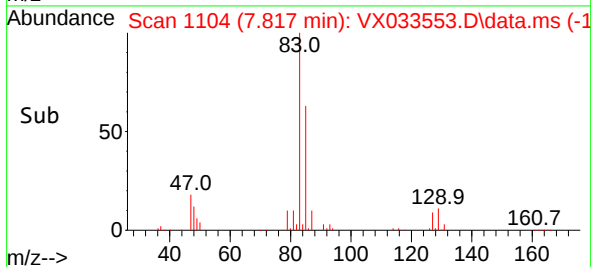
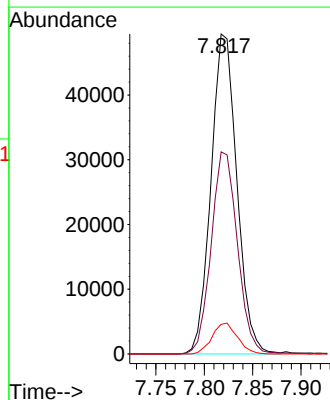
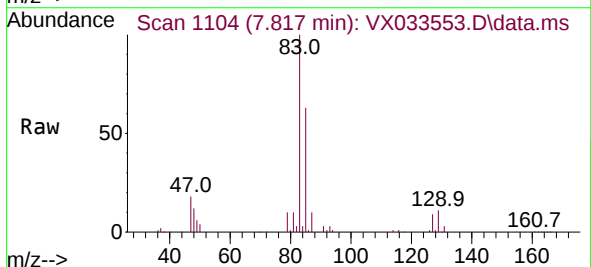
Tgt Ion: 83 Resp: 92040

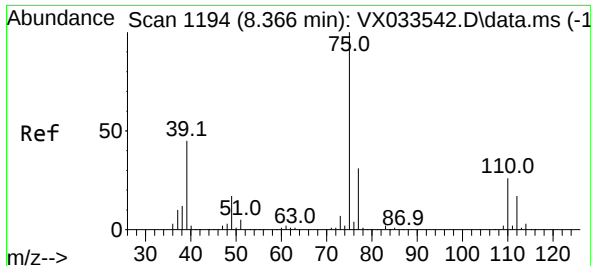
Ion Ratio Lower Upper

83 100

85 63.2 45.1 83.9

127 9.3 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 45.702 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

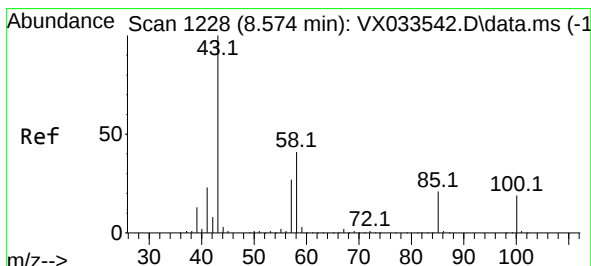
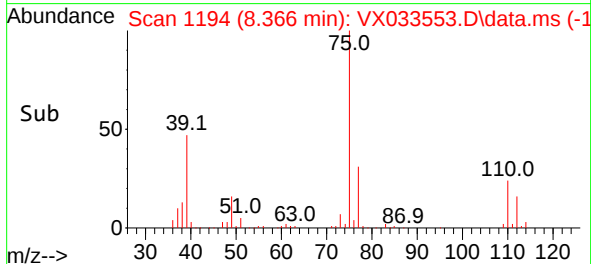
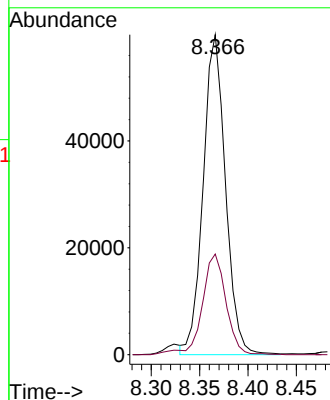
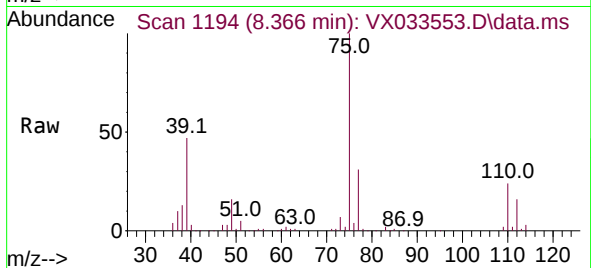
ClientSampleId :

Tgt Ion: 75 Resp: 96222

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 97.552 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

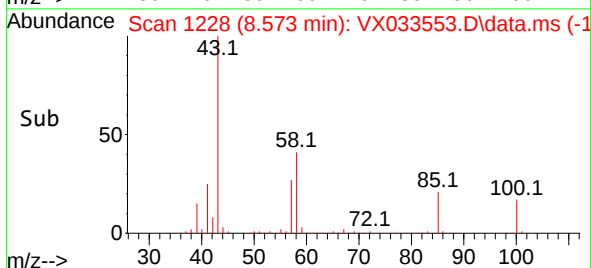
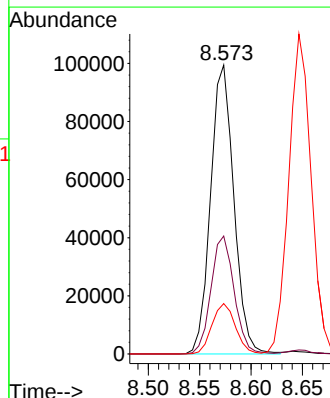
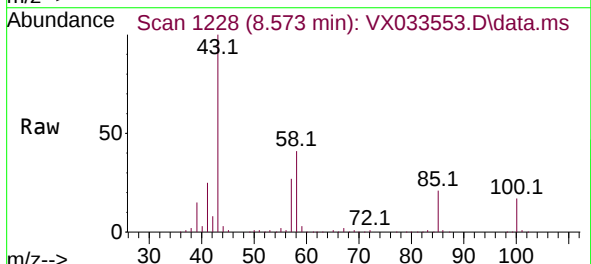
Tgt Ion: 43 Resp: 156548

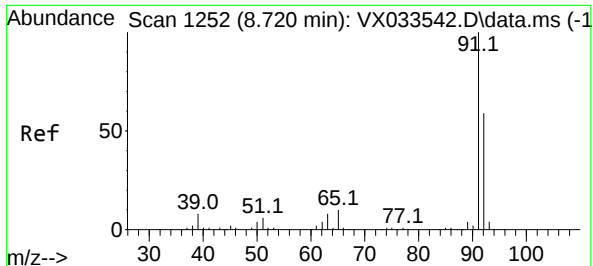
Ion Ratio Lower Upper

43 100

58 40.5 32.9 49.3

100 17.5 14.9 22.3





#42

Toluene

Concen: 46.193 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

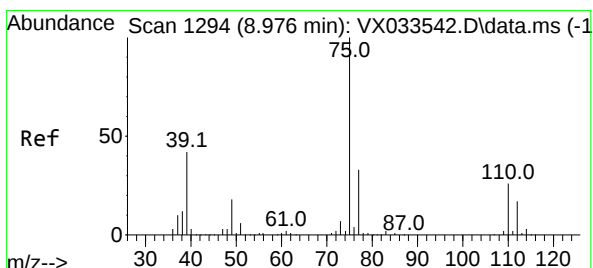
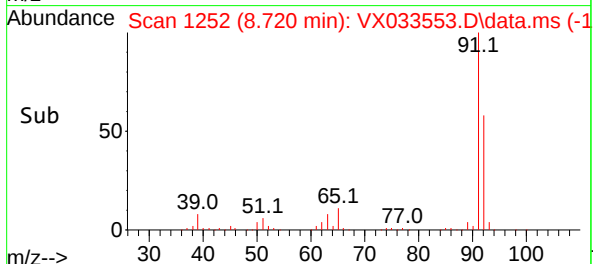
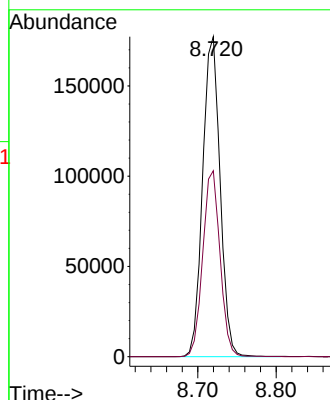
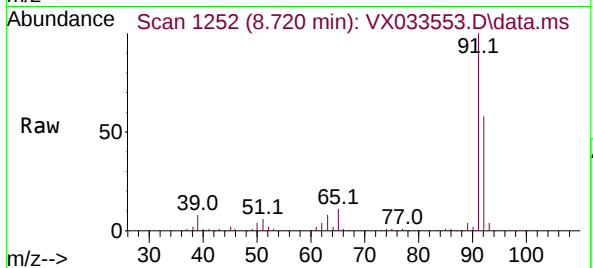
ClientSampleId :

Tgt Ion: 91 Resp: 274345

Ion Ratio Lower Upper

91 100

92 58.1 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 47.621 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX033553.D

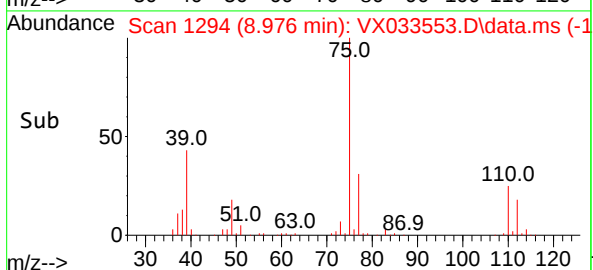
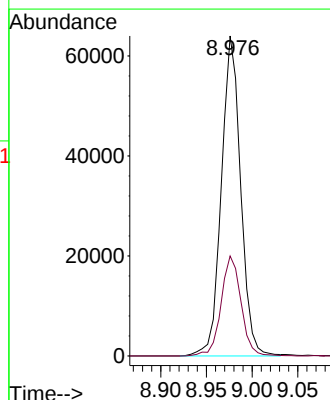
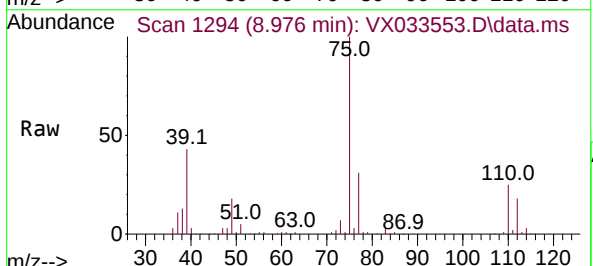
Acq: 23 Dec 2022 10:24

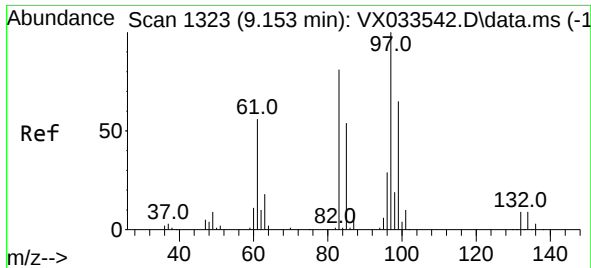
Tgt Ion: 75 Resp: 94135

Ion Ratio Lower Upper

75 100

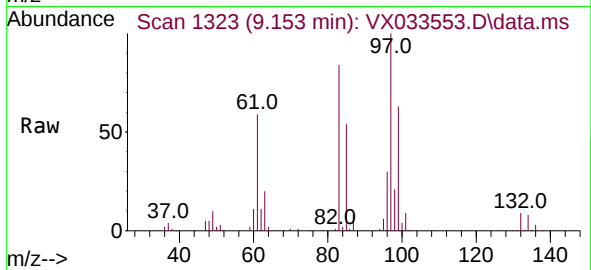
77 31.2 22.8 42.4





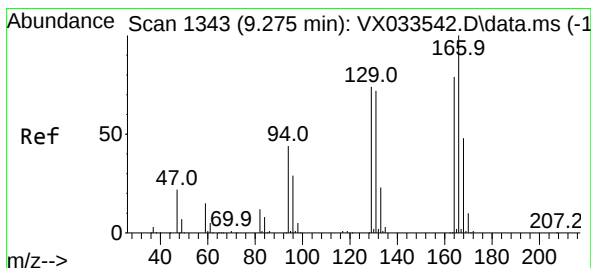
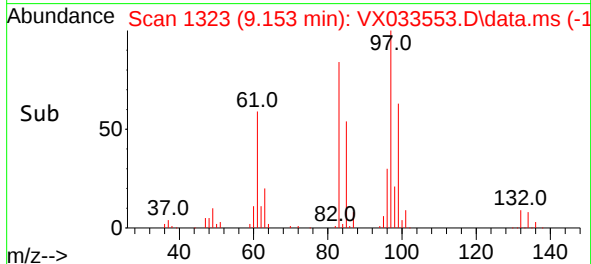
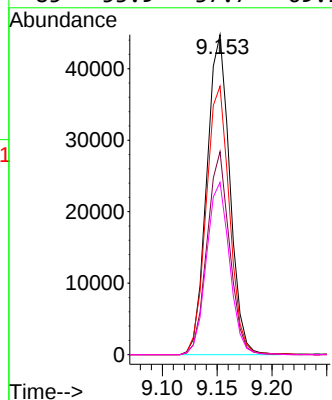
#45
1,1,2-Trichloroethane
Concen: 46.604 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 97 Resp: 65370

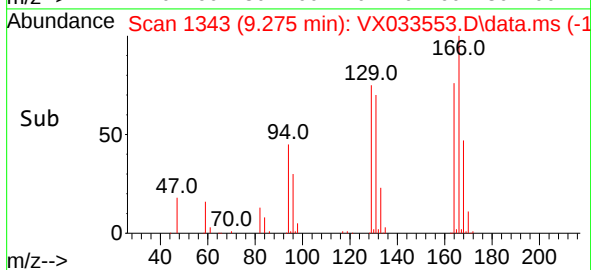
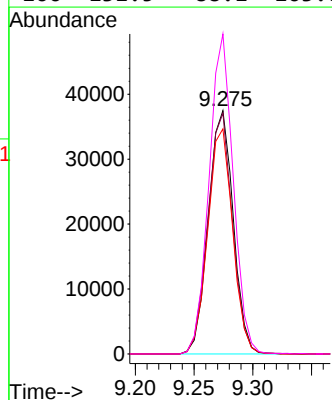
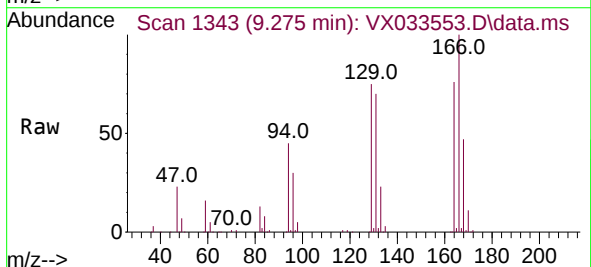
Ion	Ratio	Lower	Upper
97	100		
99	63.4	45.4	84.2
83	83.9	57.0	105.9
85	53.9	37.7	69.9

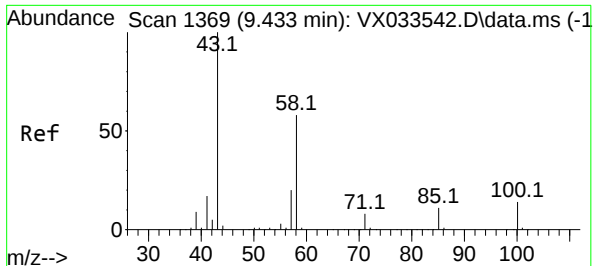


#46
Tetrachloroethene
Concen: 44.641 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion: 164 Resp: 55206

Ion	Ratio	Lower	Upper
164	100		
129	99.0	65.6	121.8
131	92.5	63.5	117.9
166	131.5	88.1	163.7





#48

2-Hexanone

Concen: 96.506 ug/L

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 123005

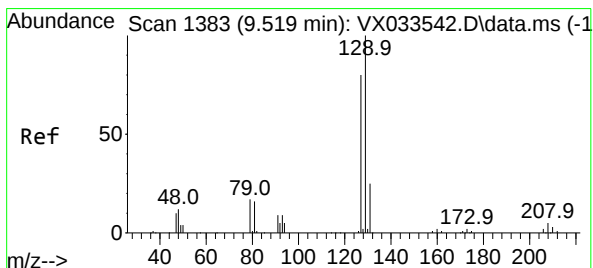
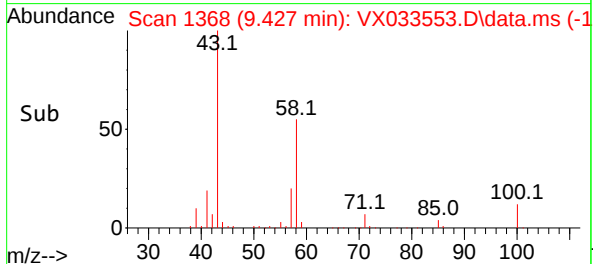
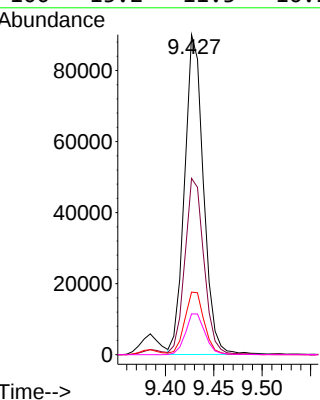
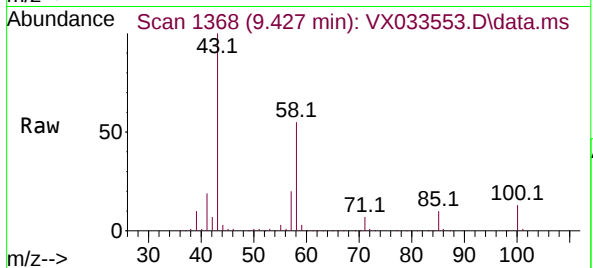
Ion Ratio Lower Upper

43 100

58 55.4 44.6 66.8

57 19.8 16.4 24.6

100 13.2 11.3 16.9



#49

Dibromochloromethane

Concen: 47.608 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX033553.D

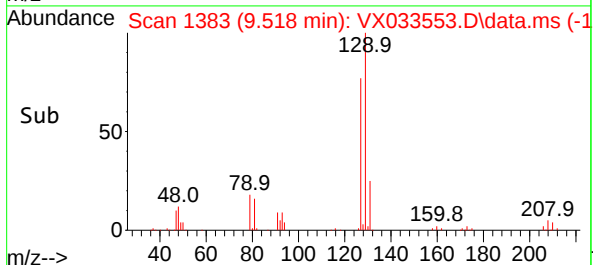
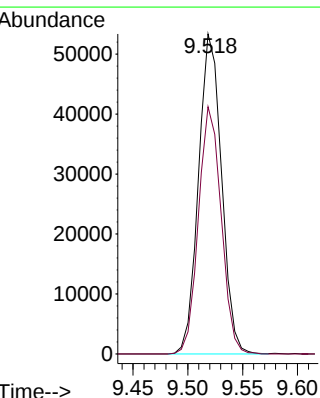
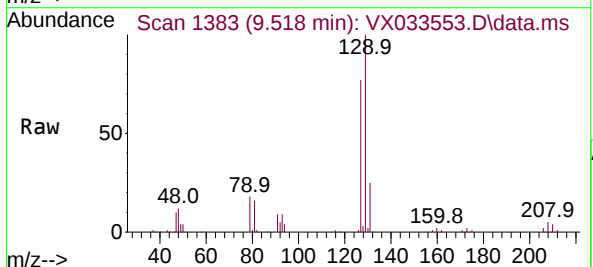
Acq: 23 Dec 2022 10:24

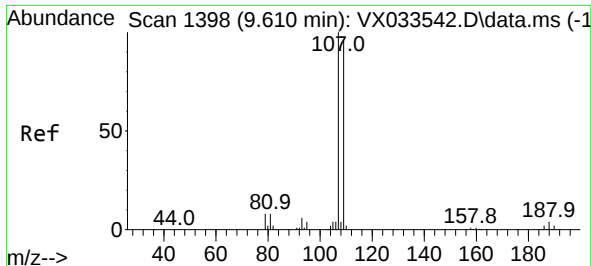
Tgt Ion: 129 Resp: 77984

Ion Ratio Lower Upper

129 100

127 77.3 55.8 103.6

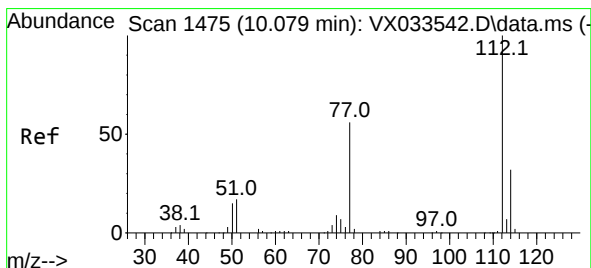
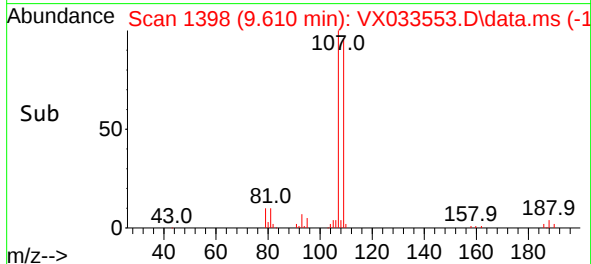
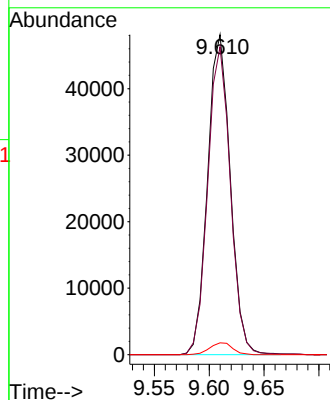
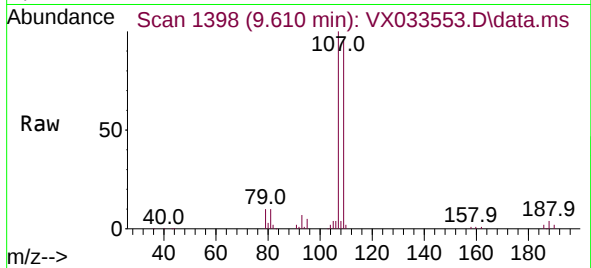




#50
1,2-Dibromoethane
Concen: 45.798 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

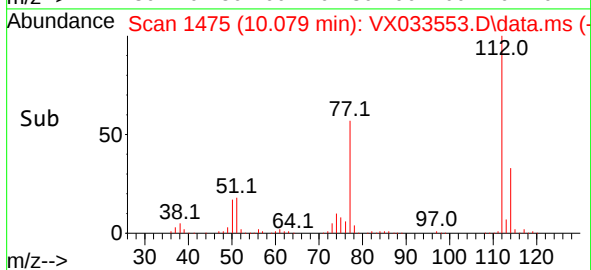
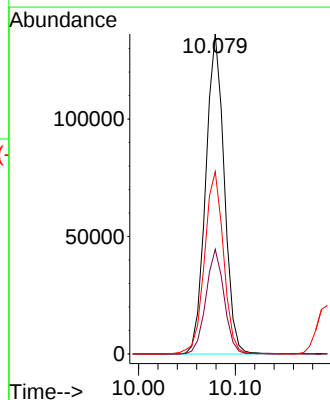
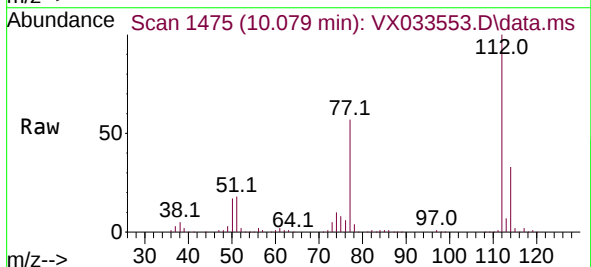
Instrument :
MSVOA_X
ClientSampleId :

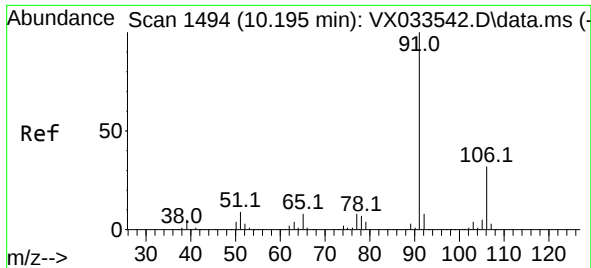
Tgt Ion:107 Resp: 69345
Ion Ratio Lower Upper
107 100
109 96.2 67.5 125.3
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 46.013 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion:112 Resp: 181341
Ion Ratio Lower Upper
112 100
114 32.7 22.1 41.1
77 57.0 45.0 67.4

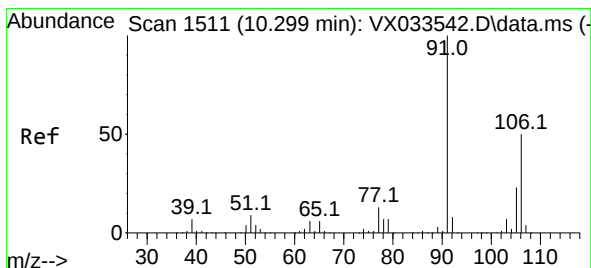
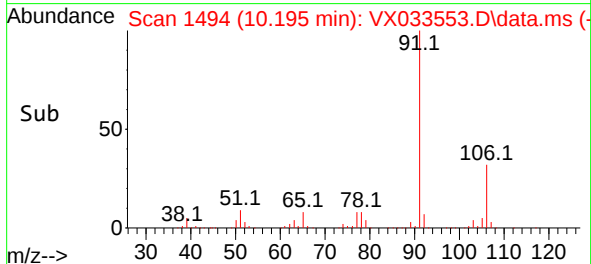
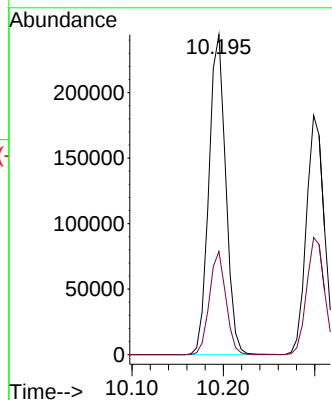
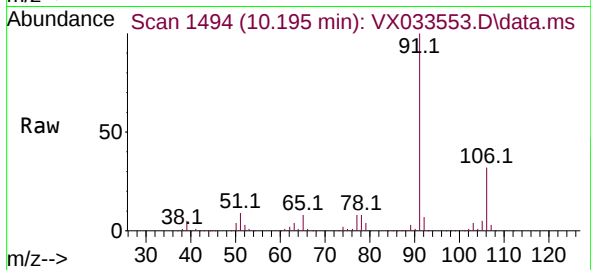




#52
Ethylbenzene
Concen: 47.978 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

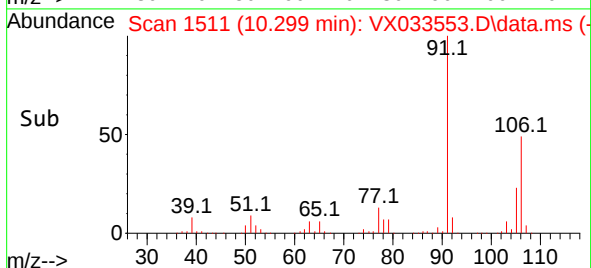
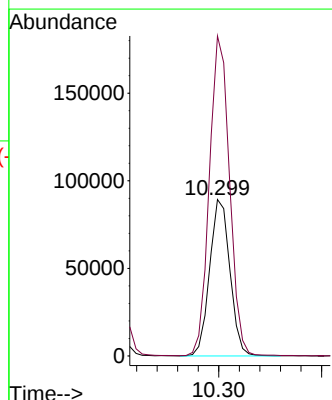
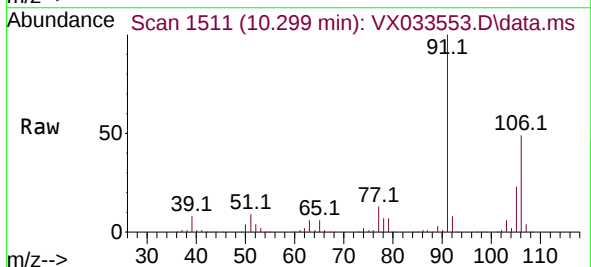
Instrument :
MSVOA_X
ClientSampleId :

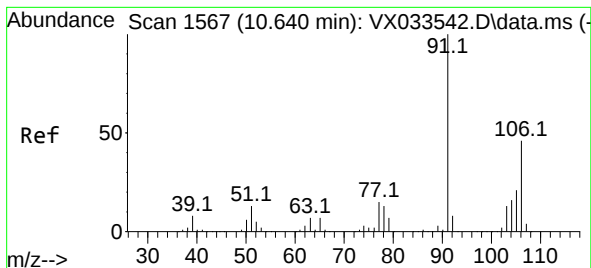
Tgt Ion: 91 Resp: 312170
Ion Ratio Lower Upper
91 100
106 32.3 22.5 41.7



#53
m,p-Xylene
Concen: 47.140 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion: 106 Resp: 122336
Ion Ratio Lower Upper
106 100
91 204.5 140.4 260.8





#54

o-Xylene

Concen: 47.800 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

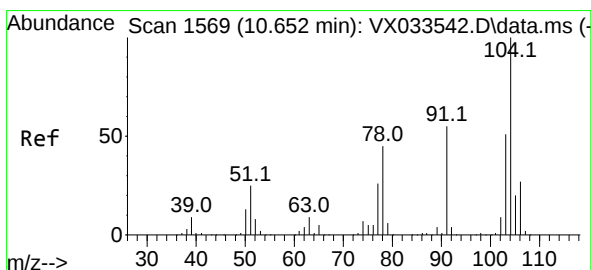
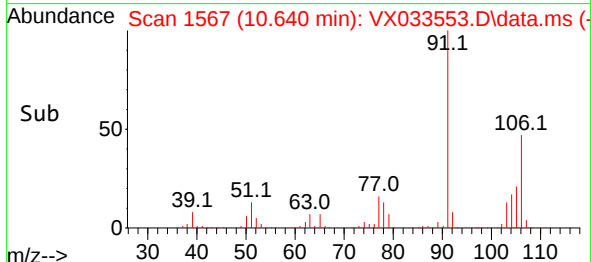
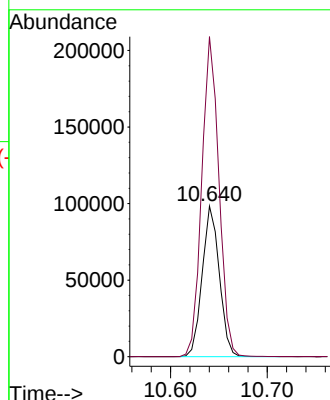
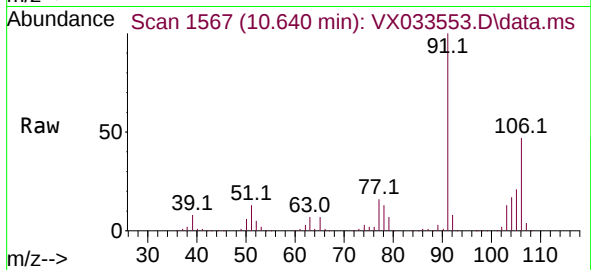
ClientSampleId :

Tgt Ion:106 Resp: 121321

Ion Ratio Lower Upper

106 100

91 212.6 150.6 279.6



#55

Styrene

Concen: 48.621 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX033553.D

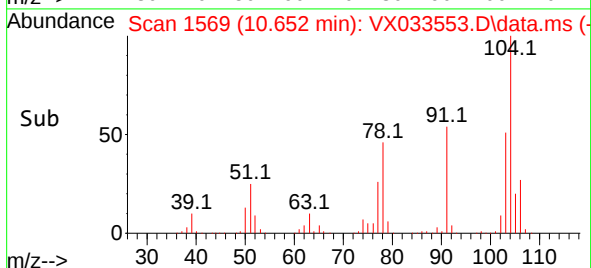
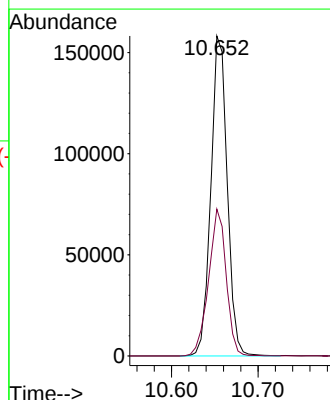
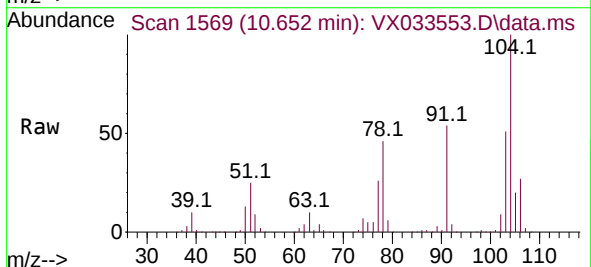
Acq: 23 Dec 2022 10:24

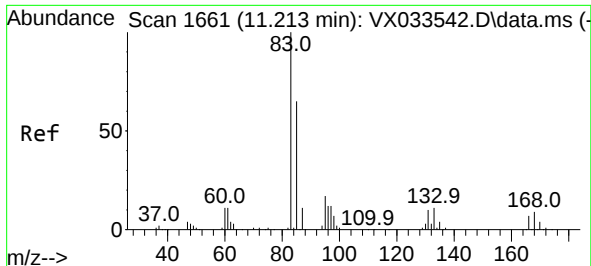
Tgt Ion:104 Resp: 207980

Ion Ratio Lower Upper

104 100

78 45.9 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 48.486 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033553.D

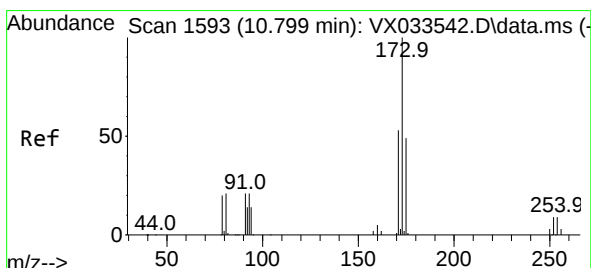
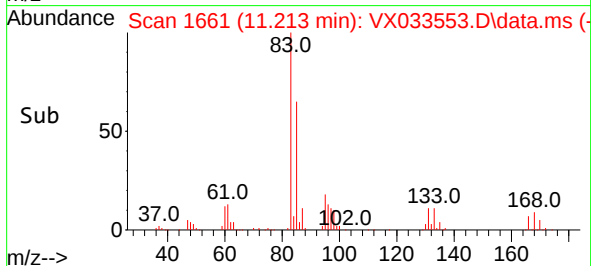
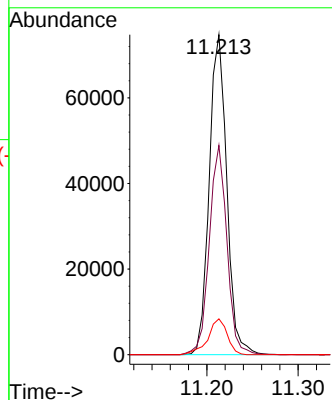
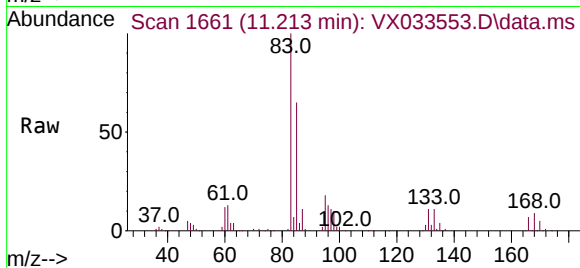
Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	83	Resp:	99449
Ion Ratio	Lower	Upper	
83	100		
85	65.4	45.6	84.8
131	11.2	8.4	12.6



#59

Bromoform

Concen: 47.132 ug/L

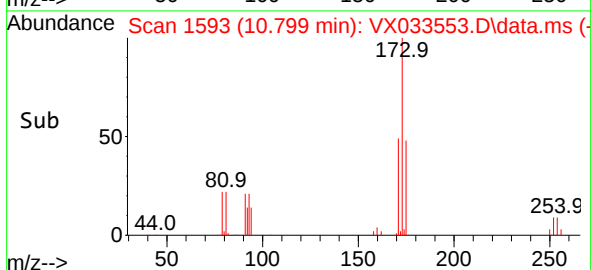
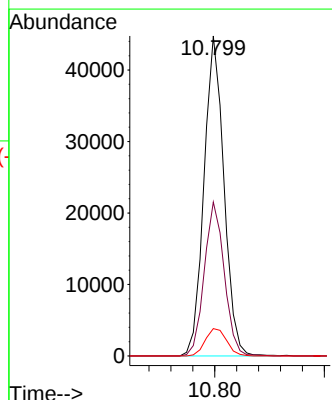
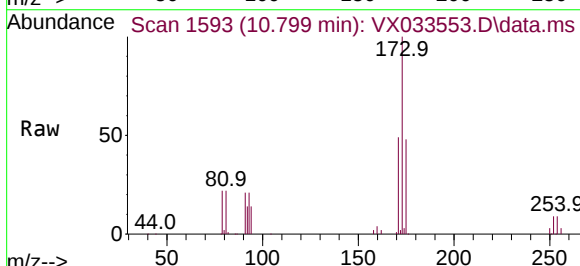
RT: 10.799 min Scan# 1593

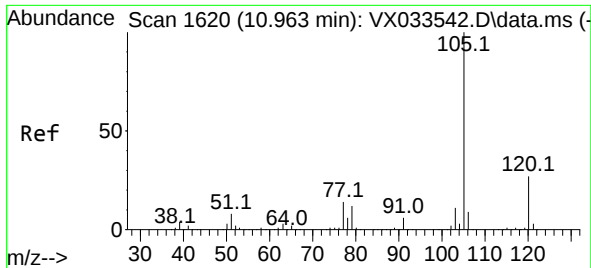
Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Tgt Ion:	173	Resp:	56535
Ion Ratio	Lower	Upper	
173	100		
175	48.1	38.9	58.3
254	9.1	7.2	10.8

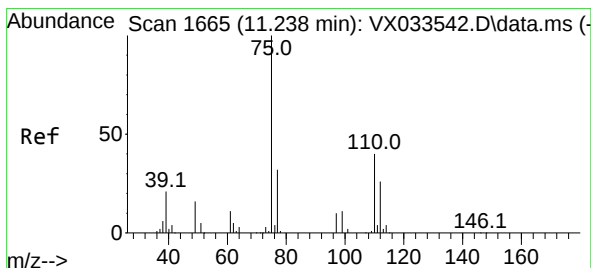
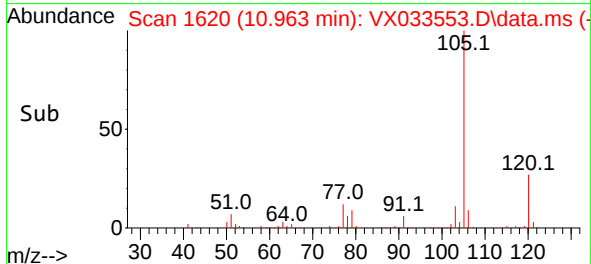
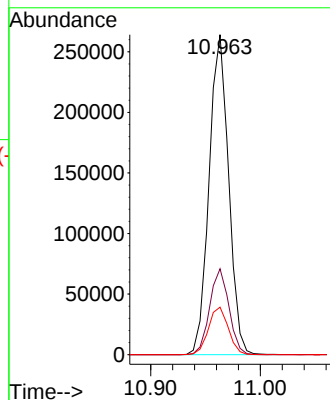
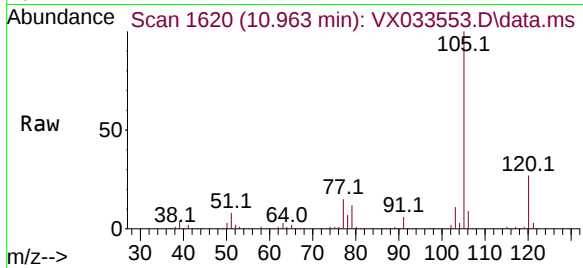




#60
Isopropylbenzene
Concen: 47.923 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

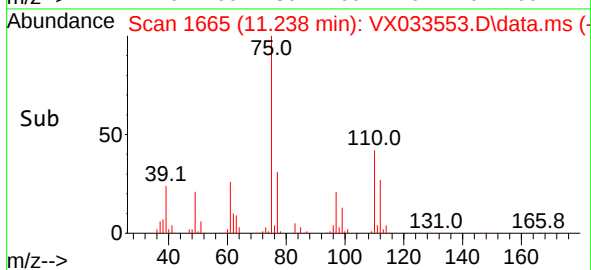
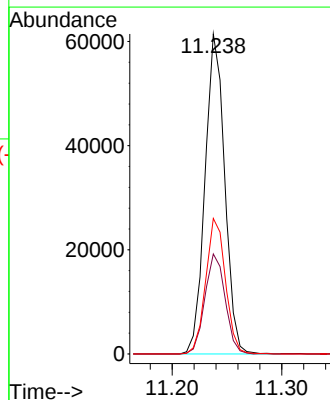
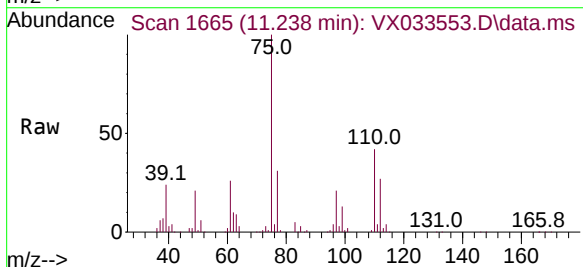
Instrument :
MSVOA_X
ClientSampleId :

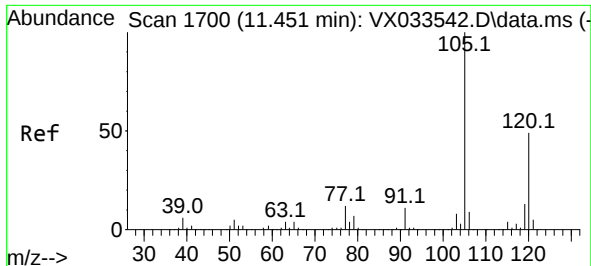
Tgt Ion:105 Resp: 326423
Ion Ratio Lower Upper
105 100
120 26.6 21.6 32.4
77 15.2 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 47.229 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion: 75 Resp: 76628
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 42.5 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 47.784 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

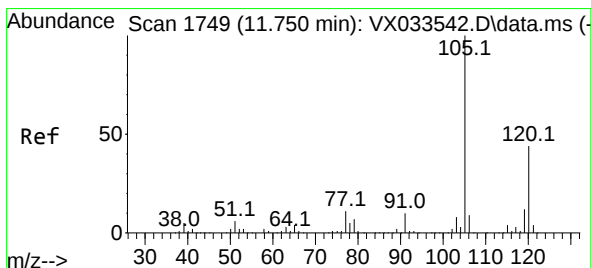
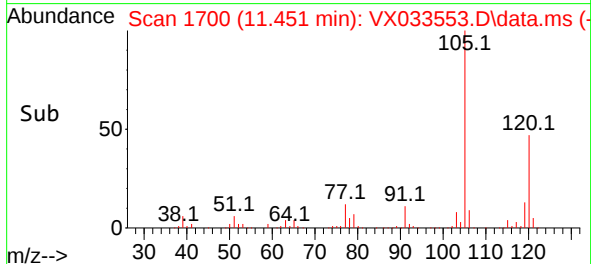
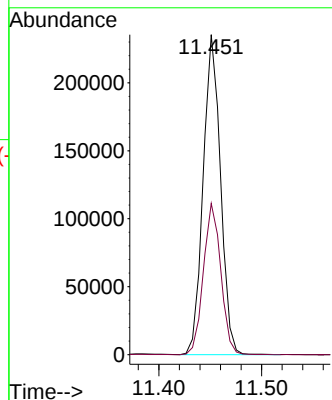
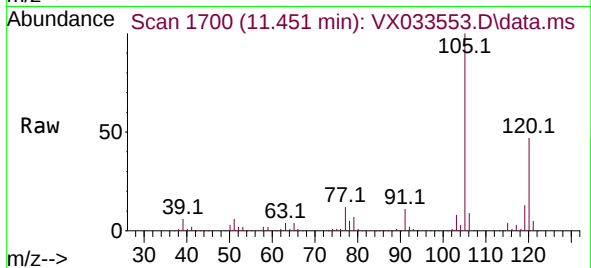
ClientSampleId :

Tgt Ion:105 Resp: 276486

Ion Ratio Lower Upper

105 100

120 47.4 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 47.520 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033553.D

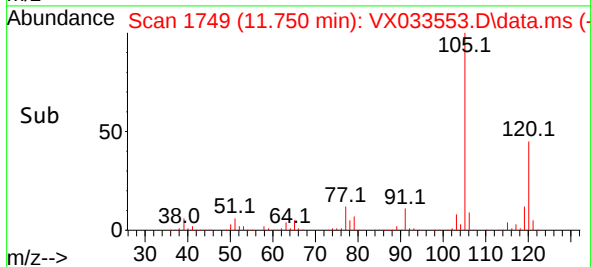
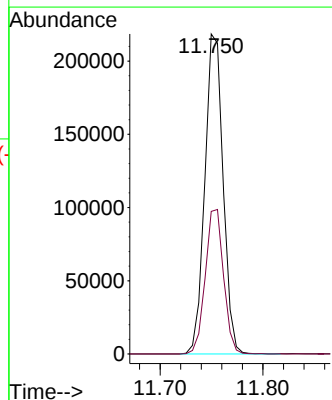
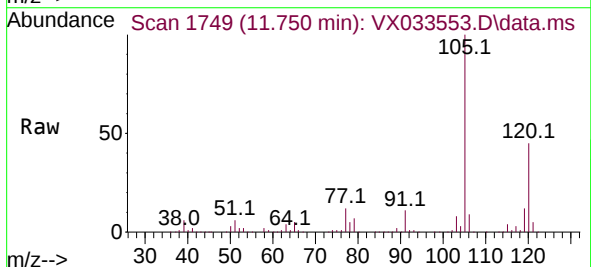
Acq: 23 Dec 2022 10:24

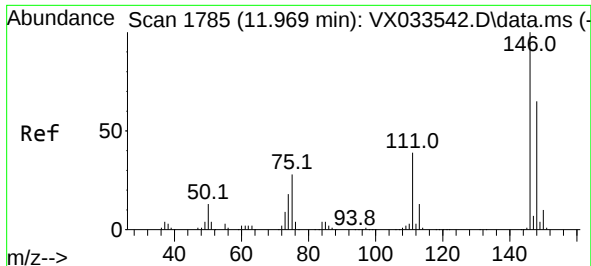
Tgt Ion:105 Resp: 270331

Ion Ratio Lower Upper

105 100

120 45.3 35.8 53.6

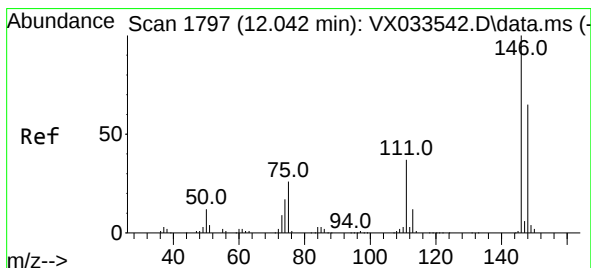
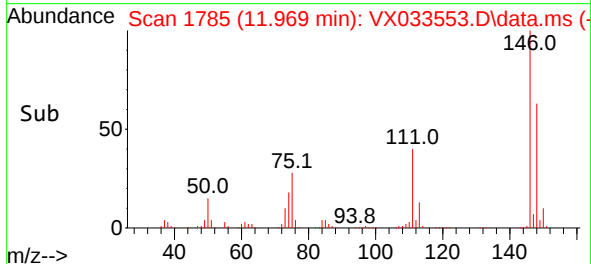
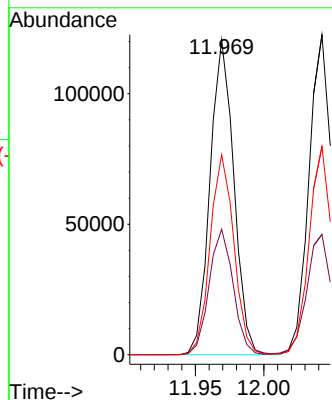
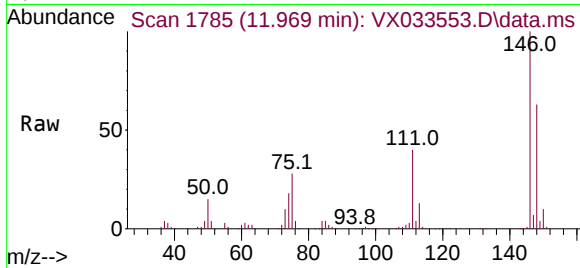




#64
1,3-Dichlorobenzene
Concen: 46.869 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

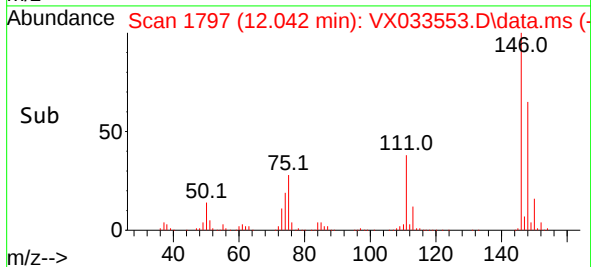
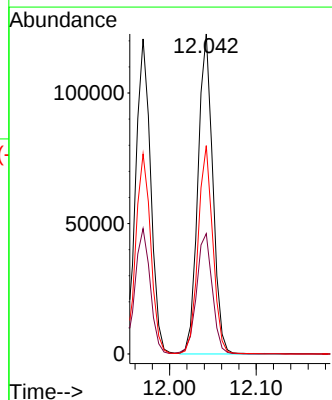
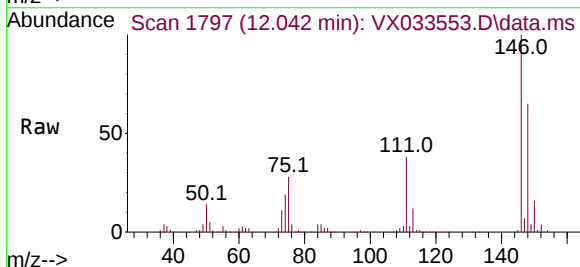
Instrument :
MSVOA_X
ClientSampleId :

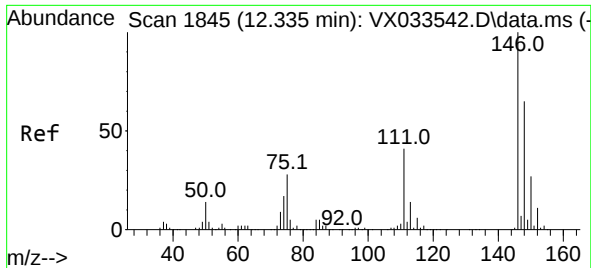
Tgt Ion:146 Resp: 145816
Ion Ratio Lower Upper
146 100
111 39.8 27.6 51.2
148 63.5 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 46.480 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion:146 Resp: 146277
Ion Ratio Lower Upper
146 100
111 37.6 25.8 47.8
148 65.1 45.8 85.0

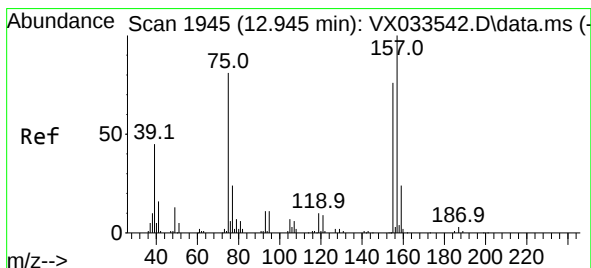
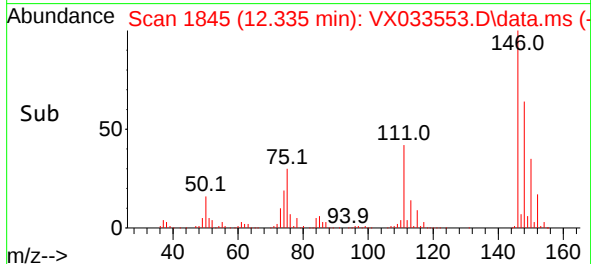
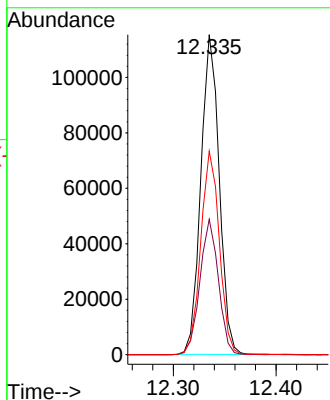
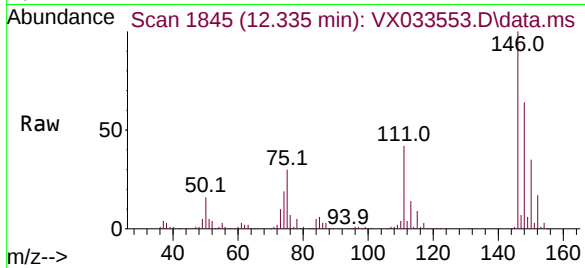




#67
1,2-Dichlorobenzene
Concen: 46.788 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

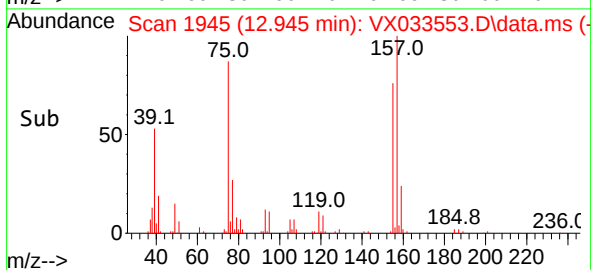
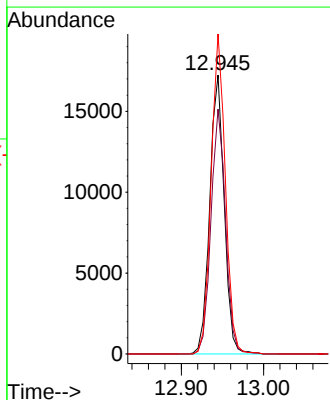
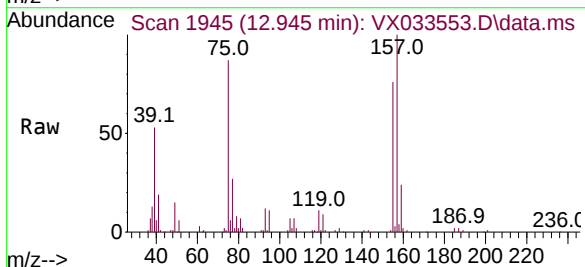
Instrument :
MSVOA_X
ClientSampleId :

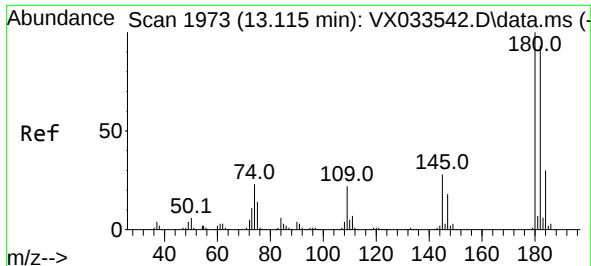
Tgt Ion:146 Resp: 143652
Ion Ratio Lower Upper
146 100
111 42.3 33.2 49.8
148 63.6 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 48.116 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion: 75 Resp: 20987
Ion Ratio Lower Upper
75 100
155 87.8 75.4 113.2
157 114.8 98.7 148.1





#69

1,3,5-Trichlorobenzene

Concen: 48.738 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 101458

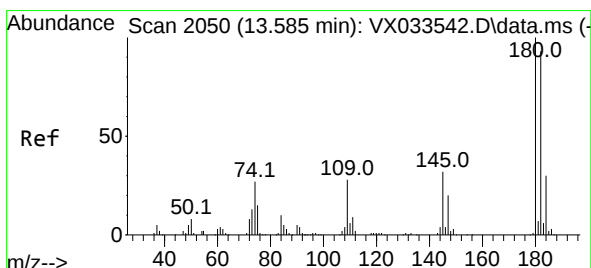
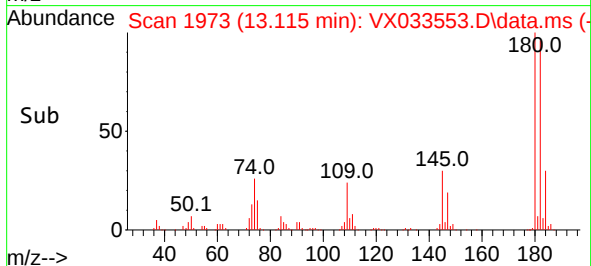
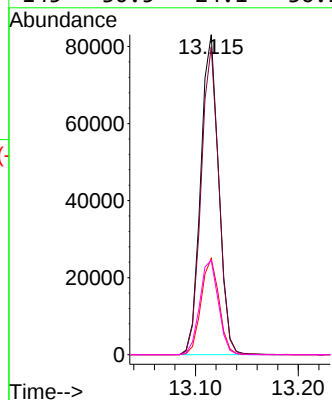
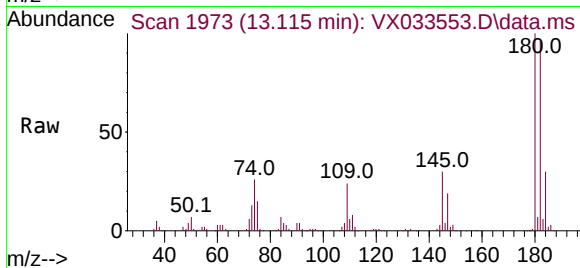
Ion Ratio Lower Upper

180 100

182 94.9 75.0 112.6

184 30.0 24.0 36.0

145 30.5 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 47.033 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033553.D

Acq: 23 Dec 2022 10:24

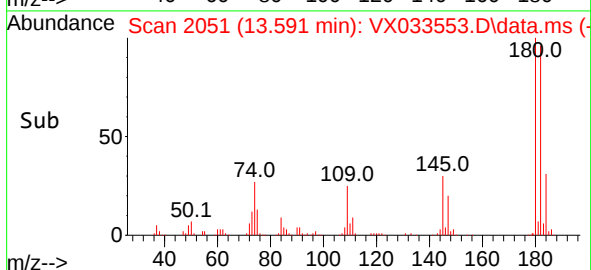
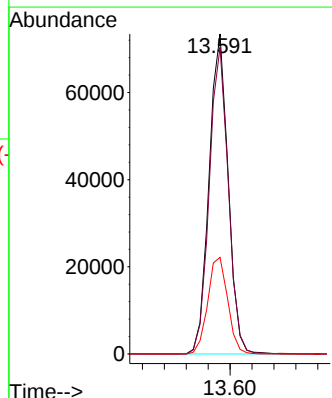
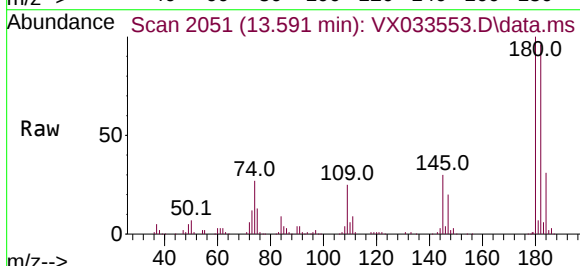
Tgt Ion:180 Resp: 88684

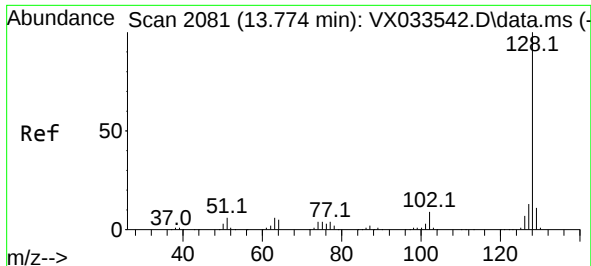
Ion Ratio Lower Upper

180 100

182 95.4 76.6 115.0

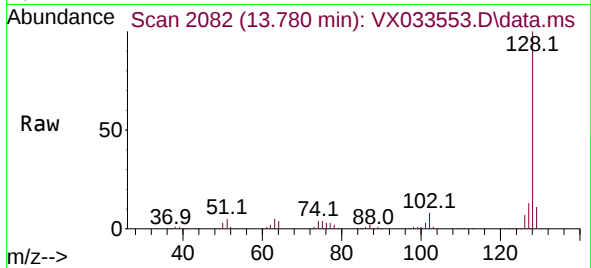
145 31.6 25.2 37.8



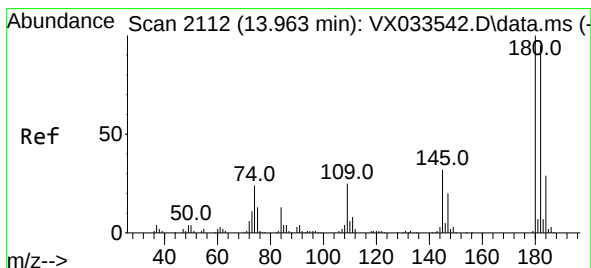
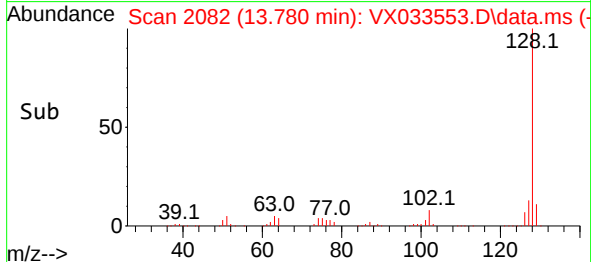
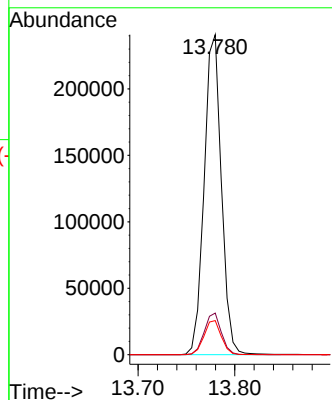


#71
Naphthalene
Concen: 48.515 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 298883
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.440 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033553.D
Acq: 23 Dec 2022 10:24

Tgt Ion:180 Resp: 91149
Ion Ratio Lower Upper
180 100
182 94.7 76.4 114.6
145 33.2 26.2 39.4

