

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033543.D
 Acq On : 22 Dec 2022 14:27
 Operator : JC/MD
 Sample : VSTD10004
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 04:32:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:30:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	260558	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	232735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	121582	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	134068	96.727	ug/L	0.00
7) Chloroethane-d5	1.672	69	117190	108.110	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	209004	94.446	ug/L	0.00
21) 2-Butanone-d5	4.458	46	200201	198.844	ug/L	0.00
24) Chloroform-d	5.056	84	338016	98.370	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	201694	94.669	ug/L	0.00
32) Benzene-d6	5.977	84	654002	98.395	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	194609	100.216	ug/L	0.00
41) Toluene-d8	8.647	98	631450	97.884	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	97871	104.253	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	163069	204.843	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	263684	99.028	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	244894	97.100	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	61123	97.193	ug/L	99
3) Chloromethane	1.294	50	78635	99.590	ug/L	99
5) Vinyl chloride	1.374	62	105145	100.776	ug/L	96
6) Bromomethane	1.618	94	64639	104.139	ug/L	98
8) Chloroethane	1.691	64	76594	110.344	ug/L	96
9) Trichlorofluoromethane	1.886	101	166103	96.195	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	101335	92.237	ug/L	99
12) 1,1-Dichloroethene	2.319	96	93779	94.926	ug/L	95
13) Acetone	2.392	43	107736	166.586	ug/L	98
14) Carbon disulfide	2.514	76	233768	77.763	ug/L	100
15) Methyl Acetate	2.703	43	123955	95.862	ug/L	99
16) Methylene chloride	2.788	84	146375	98.972	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	145922	99.719	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	466564	100.598	ug/L	100
19) 1,1-Dichloroethane	3.611	63	249949	98.413	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	168805	98.425	ug/L	99
22) 2-Butanone	4.562	43	205330	192.774	ug/L	99
23) Bromochloromethane	4.904	128	89571	97.565	ug/L	95
25) Chloroform	5.093	83	291216	98.677	ug/L	99
27) 1,2-Dichloroethane	6.086	62	219740	97.611	ug/L	99
29) Cyclohexane	5.471	56	226773	99.700	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	268955	99.369	ug/L	98
31) Carbon tetrachloride	5.678	117	239431	99.680	ug/L	98
33) Benzene	6.037	78	613229	99.145	ug/L	100
34) Trichloroethene	7.123	95	171297	99.320	ug/L	98
35) Methylcyclohexane	7.379	83	254327	100.617	ug/L	99
37) 1,2-Dichloropropane	7.434	63	151910	99.597	ug/L	100
38) Bromodichloromethane	7.824	83	224229	99.617	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	252748	101.987	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	374767	198.401	ug/L	99
42) Toluene	8.720	91	694865	99.397	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	243976	104.855	ug/L	99

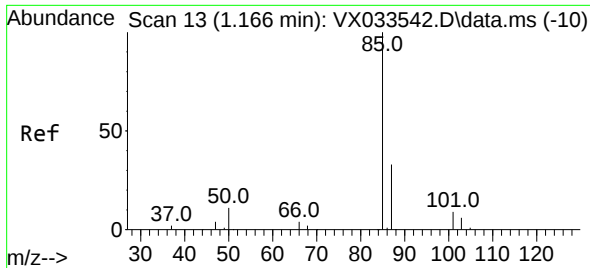
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033543.D
 Acq On : 22 Dec 2022 14:27
 Operator : JC/MD
 Sample : VSTD10004
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 04:32:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:30:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	162319	98.313	ug/L	99
46) Tetrachloroethene	9.275	164	142372	97.806	ug/L	98
48) 2-Hexanone	9.433	43	293553	195.665	ug/L	97
49) Dibromochloromethane	9.519	129	196233	101.776	ug/L	97
50) 1,2-Dibromoethane	9.610	107	178106	99.932	ug/L	99
51) Chlorobenzene	10.079	112	458358	98.807	ug/L	99
52) Ethylbenzene	10.195	91	766663	100.104	ug/L	99
53) m,p-Xylene	10.299	106	307729	100.740	ug/L	97
54) o-Xylene	10.640	106	302661	101.307	ug/L	98
55) Styrene	10.653	104	514920	102.268	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	238951	98.974	ug/L	99
59) Bromoform	10.799	173	143109	101.084	ug/L	100
60) Isopropylbenzene	10.963	105	786825	97.872	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	182598	95.352	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	676211	99.017	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	664736	99.004	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	359884	98.007	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	362854	97.687	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	351716	97.057	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	50439	97.978	ug/L	88
69) 1,3,5-Trichlorobenzene	13.115	180	243641	99.162	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	223823	100.572	ug/L	99
71) Naphthalene	13.774	128	749592	103.091	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	222171	100.037	ug/L	99

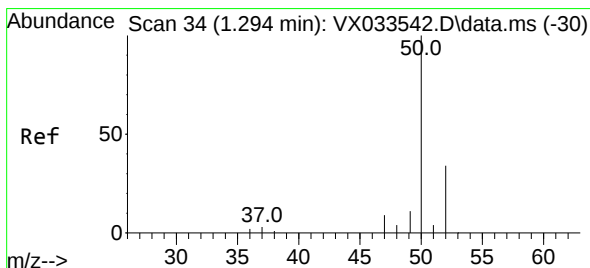
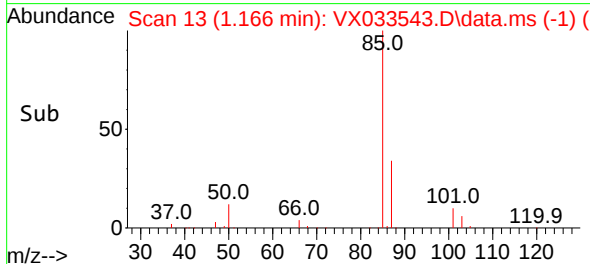
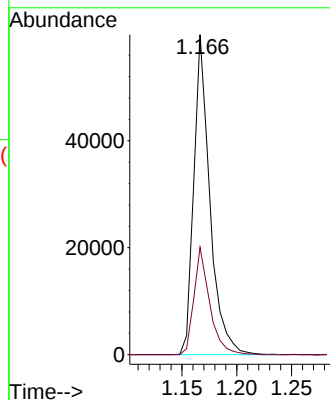
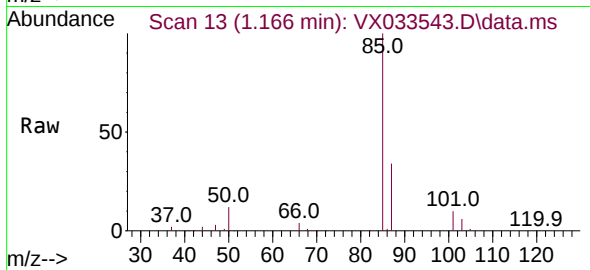
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 97.193 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033543.D
 Acq: 22 Dec 2022 14:27

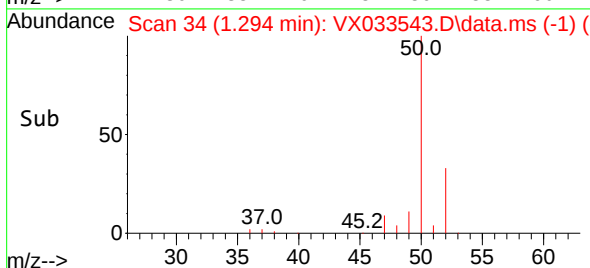
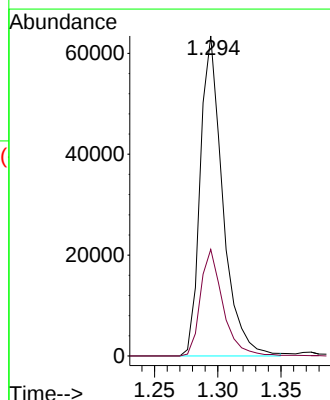
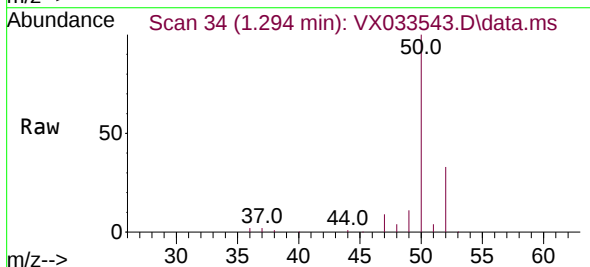
Instrument :
 MSVOA_X
 ClientSampleId :

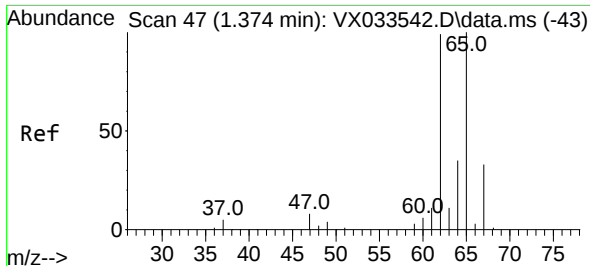
Tgt Ion: 85 Resp: 61123
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.1 39.1



#3
 Chloromethane
 Concen: 99.590 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX033543.D
 Acq: 22 Dec 2022 14:27

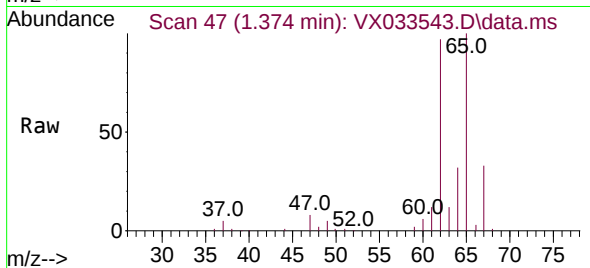
Tgt Ion: 50 Resp: 78635
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.7 43.9



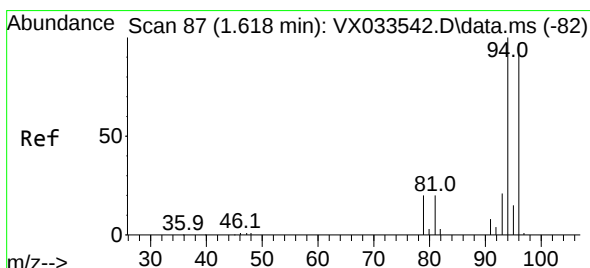
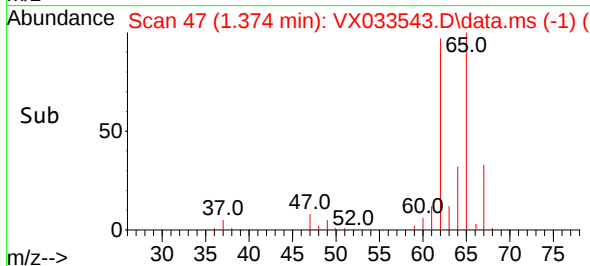
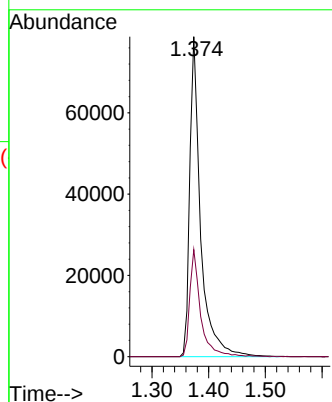


#5
 Vinyl chloride
 Concen: 100.776 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX033543.D
 Acq: 22 Dec 2022 14:27

Instrument :
 MSVOA_X
 ClientSampleId :

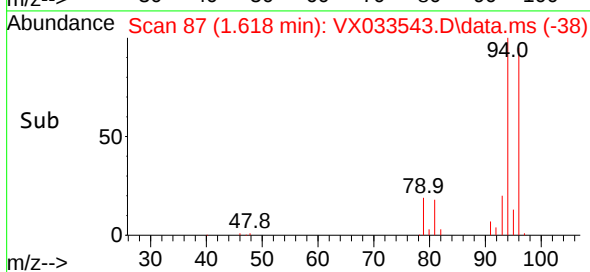
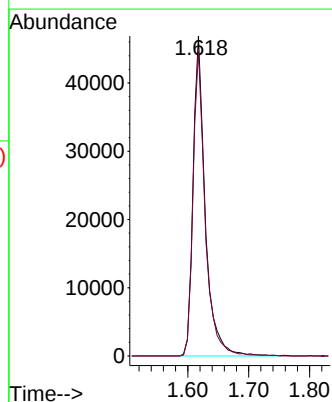
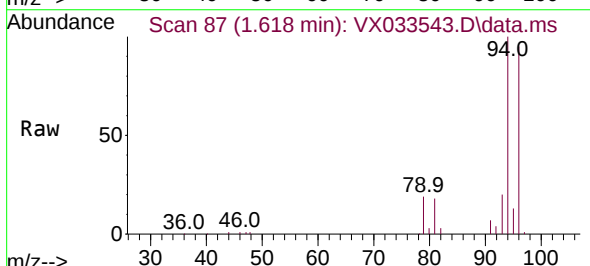


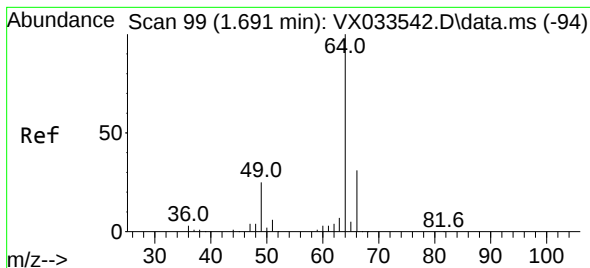
Tgt Ion: 62 Resp: 105145
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.8 46.1



#6
 Bromomethane
 Concen: 104.139 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX033543.D
 Acq: 22 Dec 2022 14:27

Tgt Ion: 94 Resp: 64639
 Ion Ratio Lower Upper
 94 100
 96 95.3 68.0 126.2





#8

Chloroethane

Concen: 110.344 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

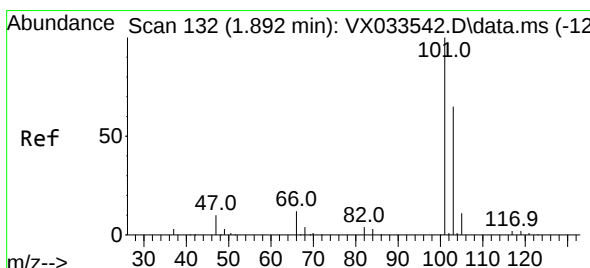
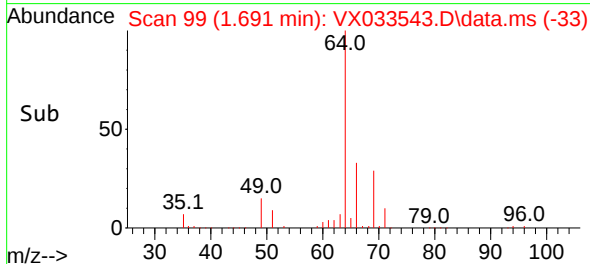
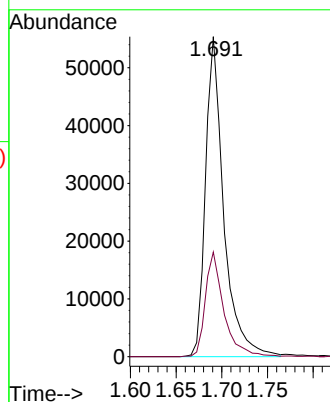
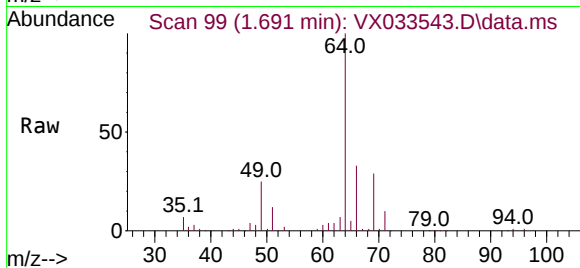
ClientSampleId :

Tgt Ion: 64 Resp: 76594

Ion Ratio Lower Upper

64 100

66 32.7 21.3 39.6



#9

Trichlorofluoromethane

Concen: 96.195 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.006 min

Lab File: VX033543.D

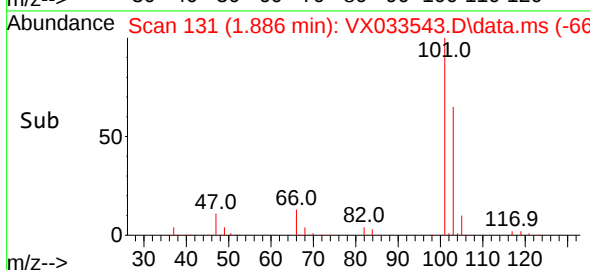
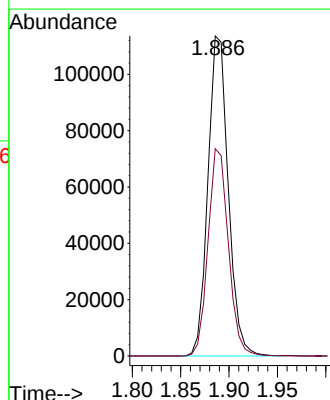
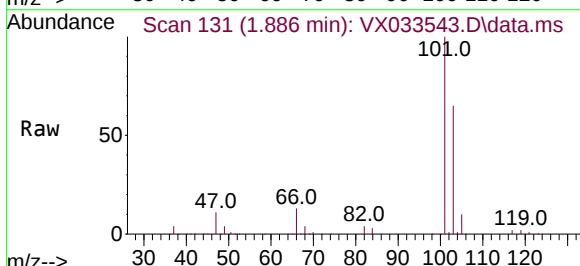
Acq: 22 Dec 2022 14:27

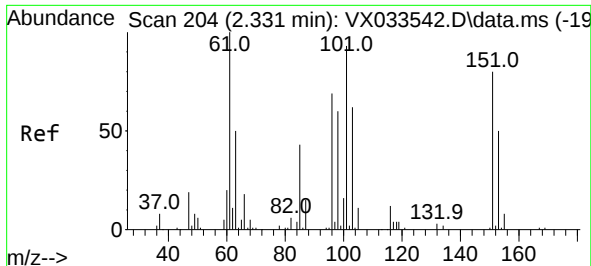
Tgt Ion:101 Resp: 166103

Ion Ratio Lower Upper

101 100

103 64.8 51.8 77.6

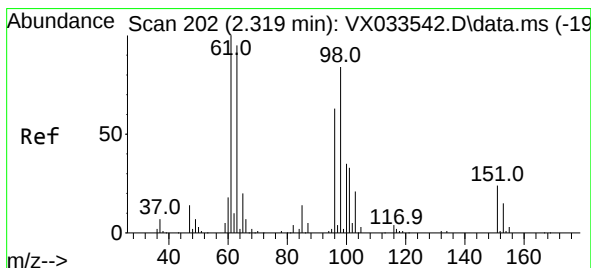
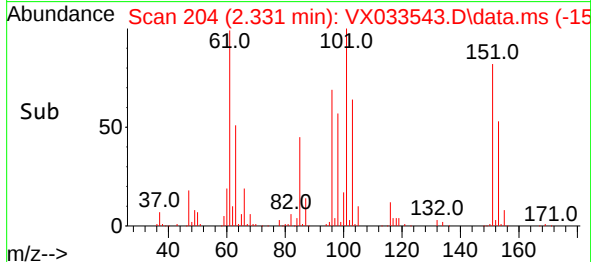
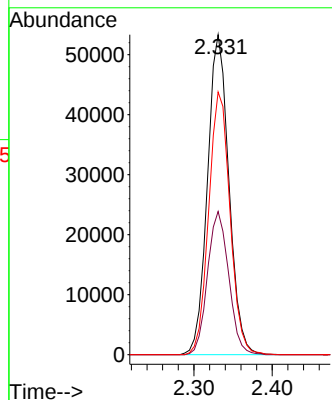
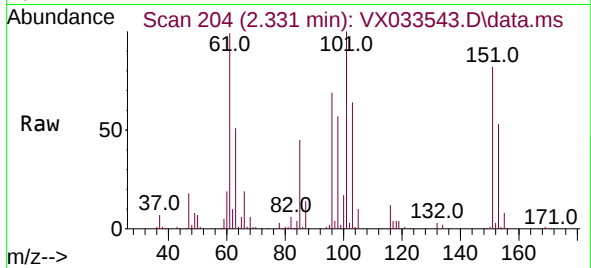




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 92.237 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033543.D
 Acq: 22 Dec 2022 14:27

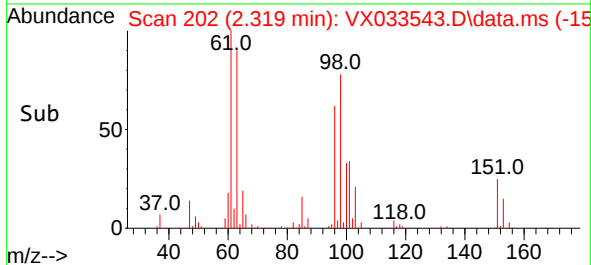
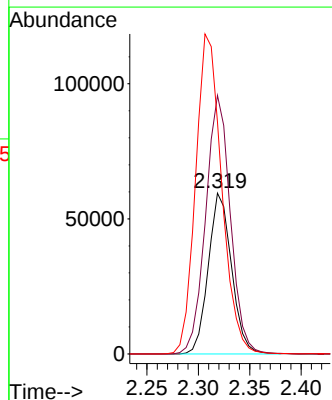
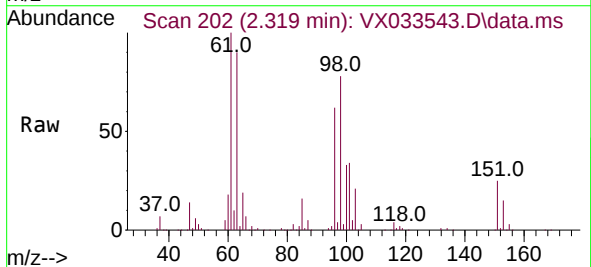
Instrument :
 MSVOA_X
 ClientSampleId :

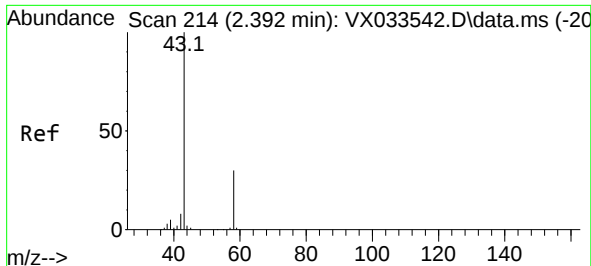
Tgt Ion:101 Resp: 101335
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.0 52.6
 151 81.6 65.7 98.5



#12
 1,1-Dichloroethene
 Concen: 94.926 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX033543.D
 Acq: 22 Dec 2022 14:27

Tgt Ion: 96 Resp: 93779
 Ion Ratio Lower Upper
 96 100
 61 160.8 111.6 207.2
 63 144.2 108.6 201.6





#13

Acetone

Concen: 166.586 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

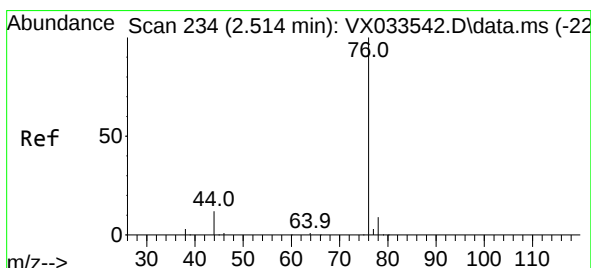
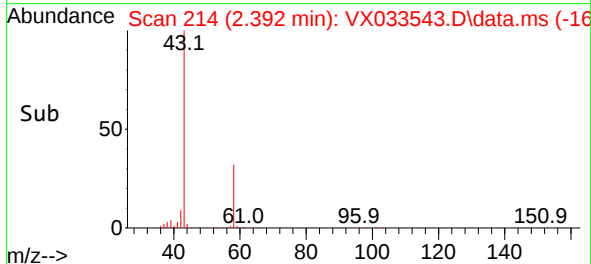
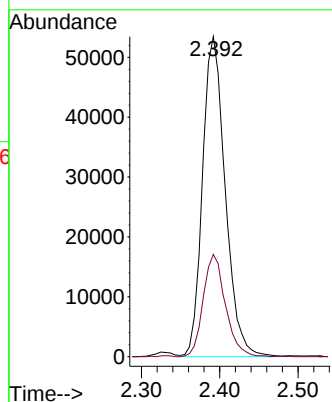
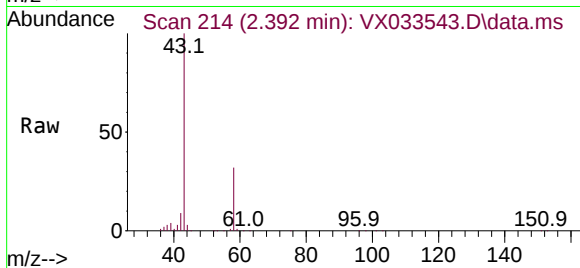
ClientSampleId :

Tgt Ion: 43 Resp: 107736

Ion Ratio Lower Upper

43 100

58 31.1 0.0 60.0



#14

Carbon disulfide

Concen: 77.763 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033543.D

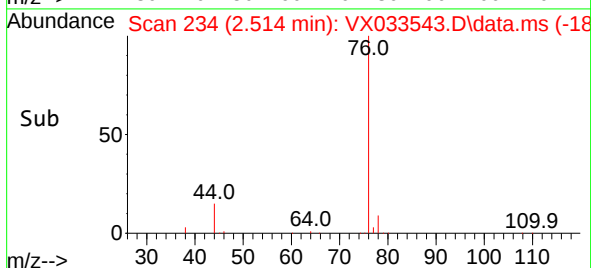
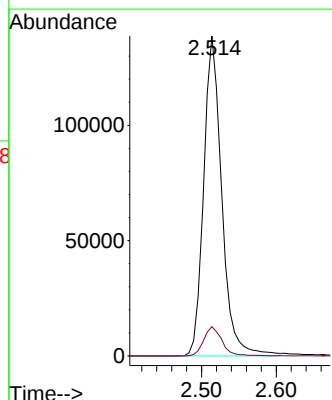
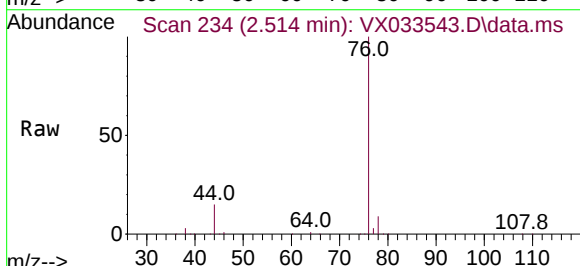
Acq: 22 Dec 2022 14:27

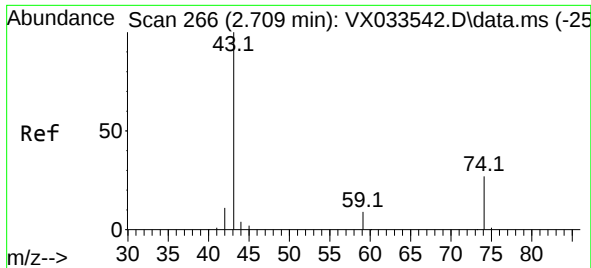
Tgt Ion: 76 Resp: 233768

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

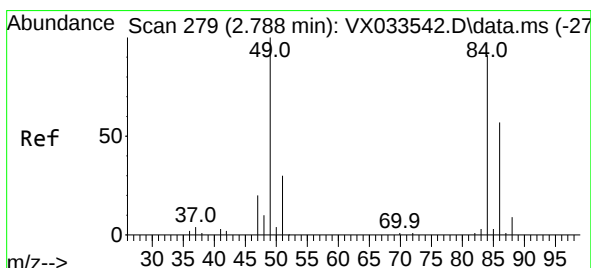
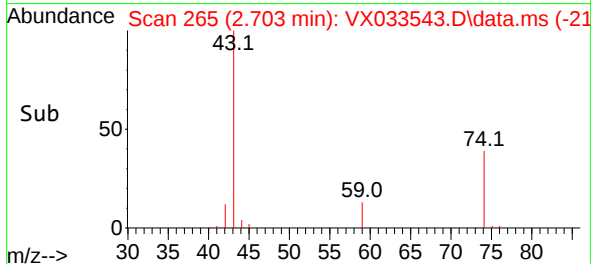
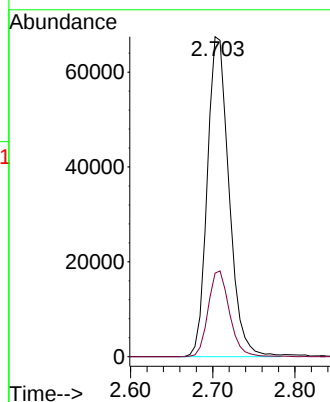
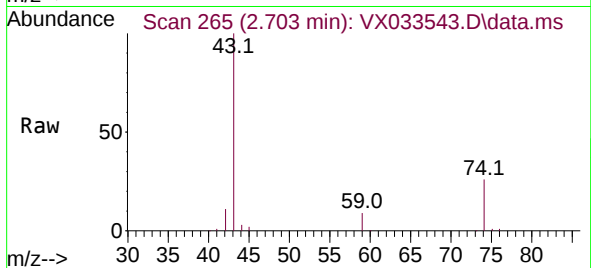




#15
Methyl Acetate
Concen: 95.862 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

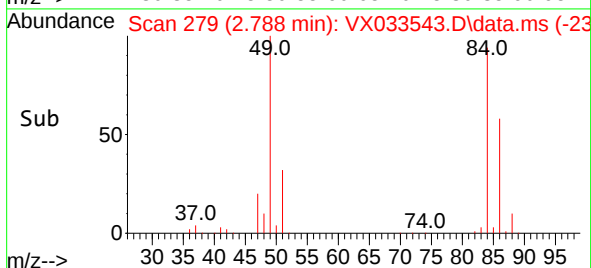
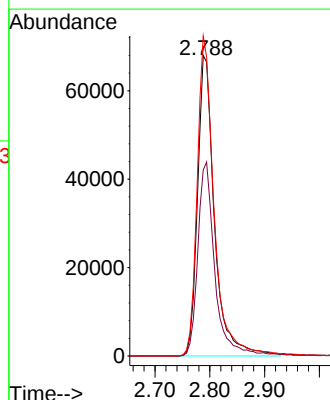
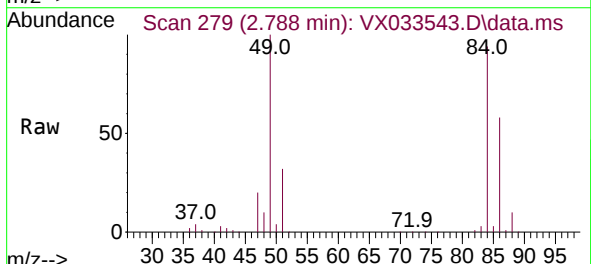
Instrument :
MSVOA_X
ClientSampleId :

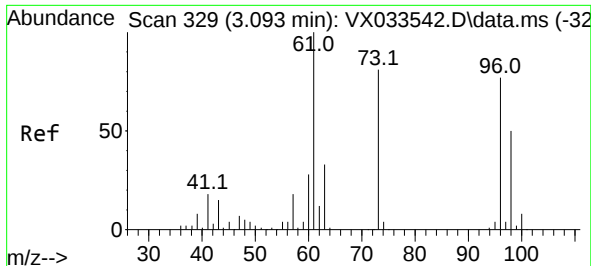
Tgt Ion: 43 Resp: 123955
Ion Ratio Lower Upper
43 100
74 26.2 21.4 32.0



#16
Methylene chloride
Concen: 98.972 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

Tgt Ion: 84 Resp: 146375
Ion Ratio Lower Upper
84 100
86 61.9 44.0 81.6
49 106.4 77.2 143.4

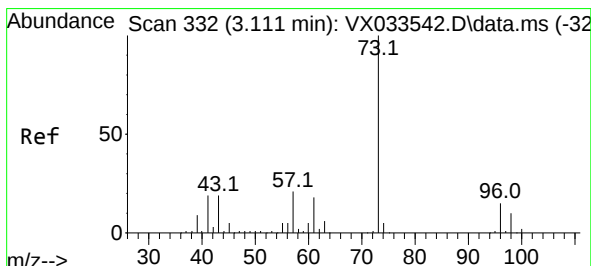
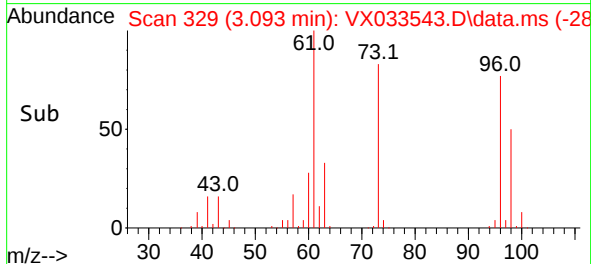
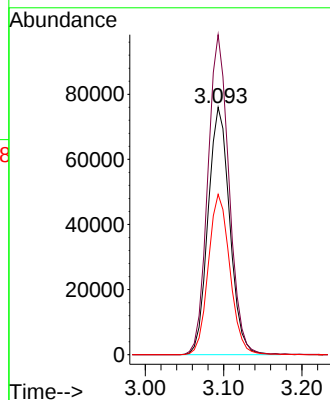
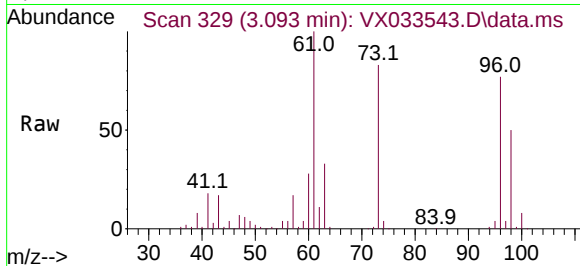




#17
trans-1,2-Dichloroethene
Concen: 99.719 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

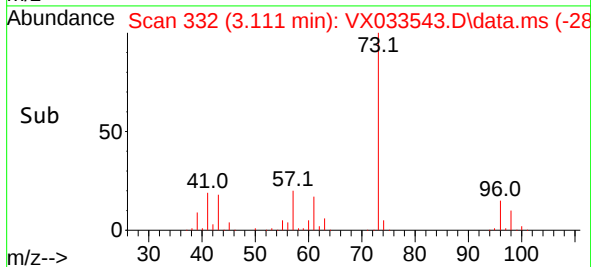
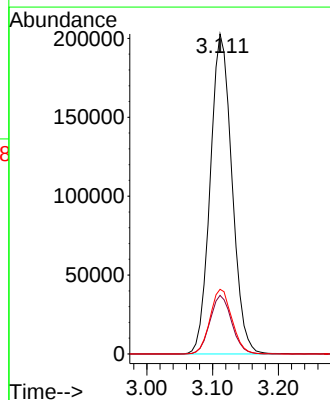
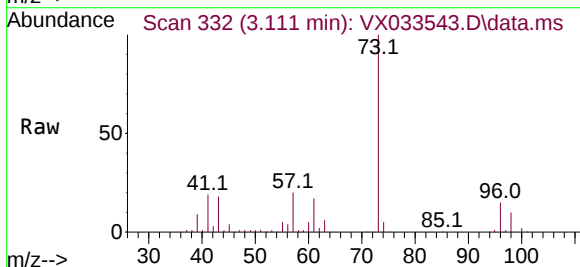
Instrument :
MSVOA_X
ClientSampleId :

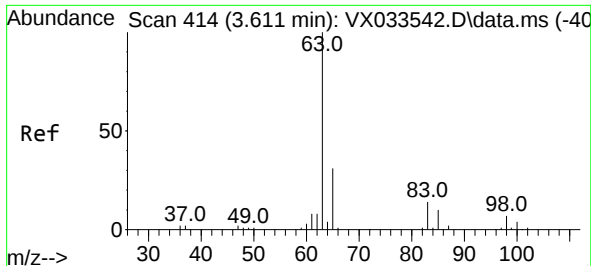
Tgt Ion: 96 Resp: 145922
Ion Ratio Lower Upper
96 100
61 129.4 90.6 168.2
98 64.8 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 100.598 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

Tgt Ion: 73 Resp: 466564
Ion Ratio Lower Upper
73 100
43 18.3 14.7 22.1
57 20.3 16.4 24.6





#19

1,1-Dichloroethane

Concen: 98.413 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

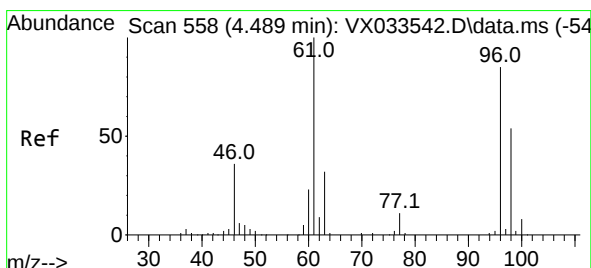
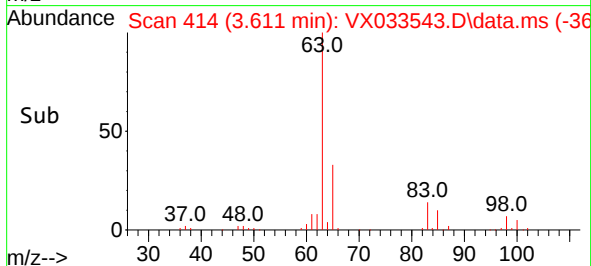
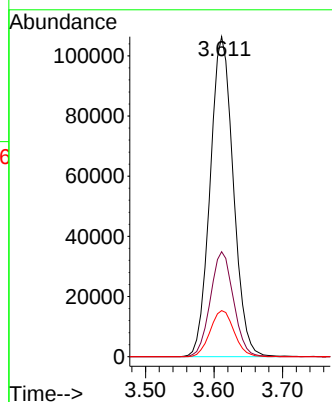
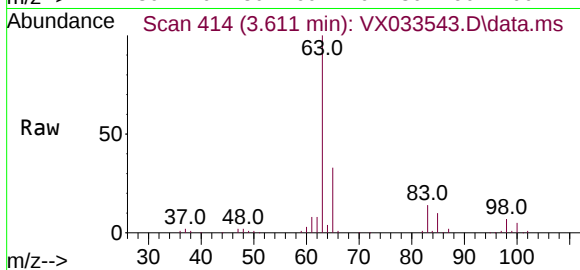
Tgt Ion: 63 Resp: 249949

Ion Ratio Lower Upper

63 100

65 32.8 21.8 40.6

83 14.4 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 98.425 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

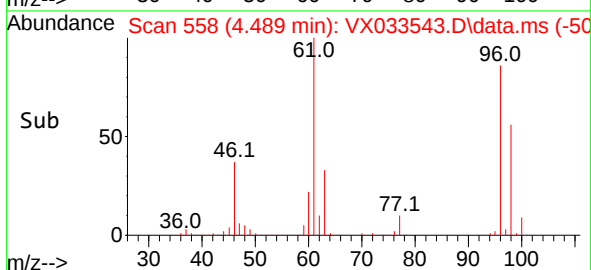
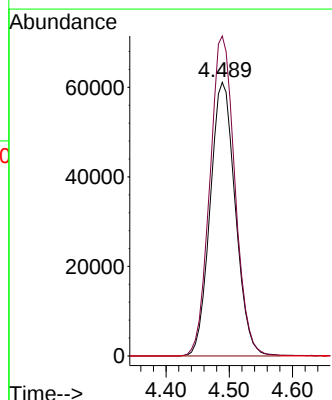
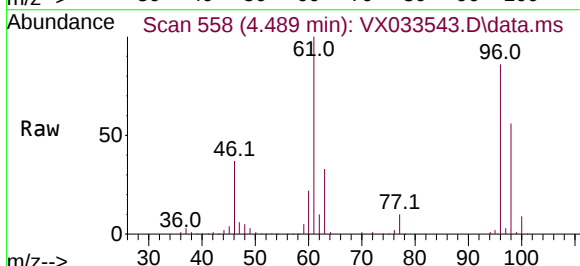
Tgt Ion: 96 Resp: 168805

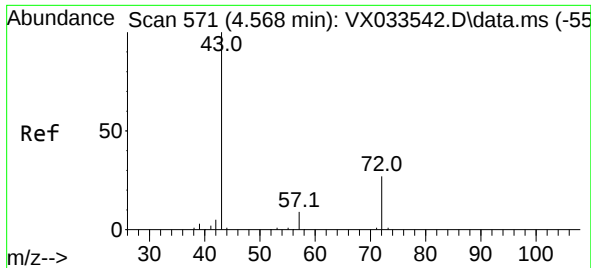
Ion Ratio Lower Upper

96 100

61 117.0 82.7 153.7

68 0.0 0.0 0.0

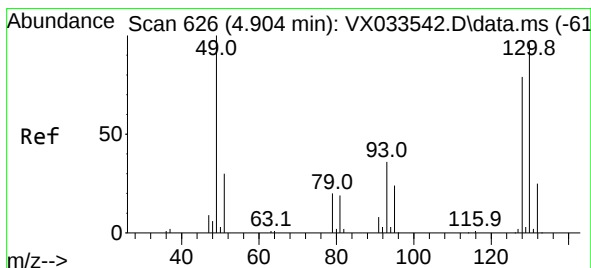
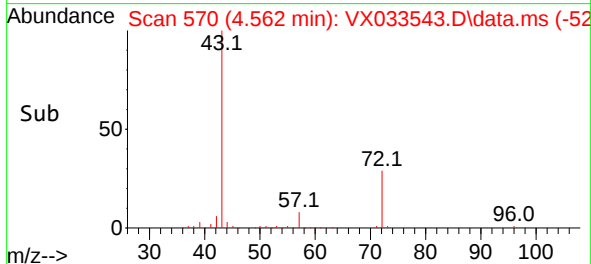
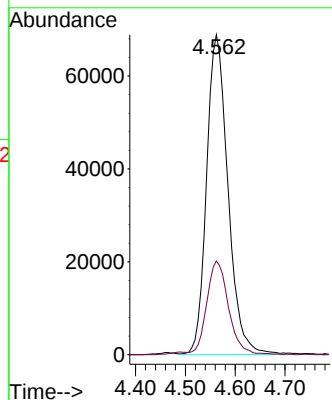
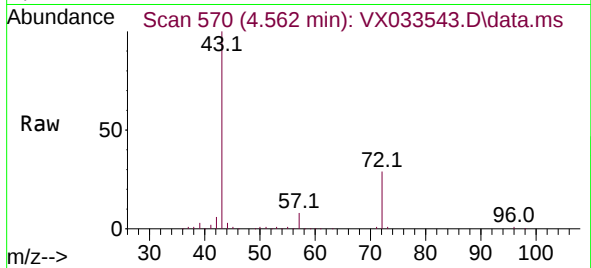




#22
2-Butanone
Concen: 192.774 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

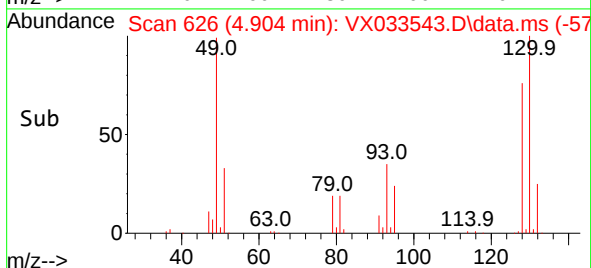
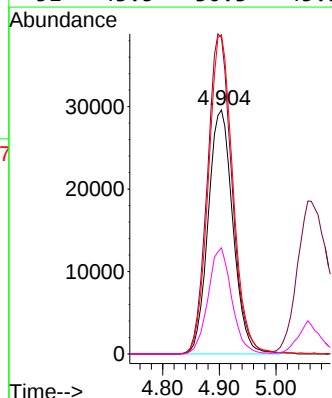
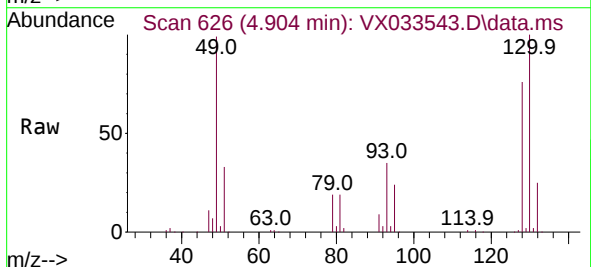
Instrument :
MSVOA_X
ClientSampleId :

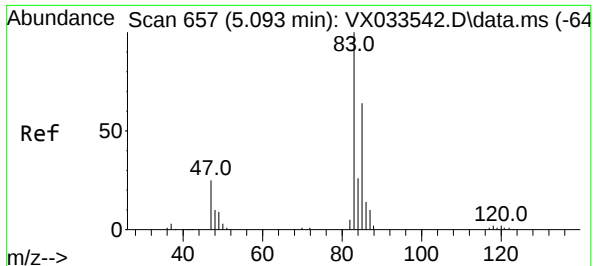
Tgt Ion: 43 Resp: 205330
Ion Ratio Lower Upper
43 100
72 28.7 14.6 44.0



#23
Bromochloromethane
Concen: 97.565 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

Tgt Ion:128 Resp: 89571
Ion Ratio Lower Upper
128 100
49 129.6 89.2 165.8
130 130.8 85.8 159.3
51 43.5 30.3 45.5





#25

Chloroform

Concen: 98.677 ug/L

RT: 5.093 min Scan# 6

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

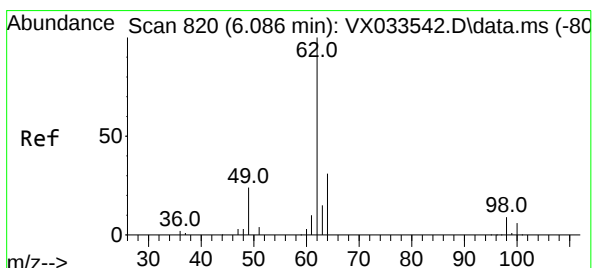
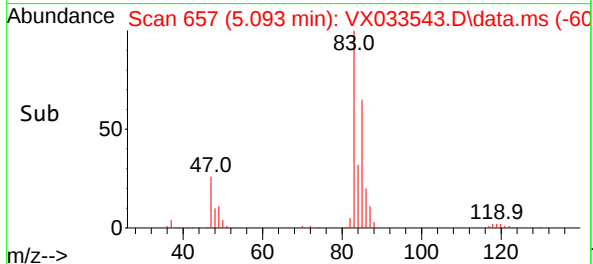
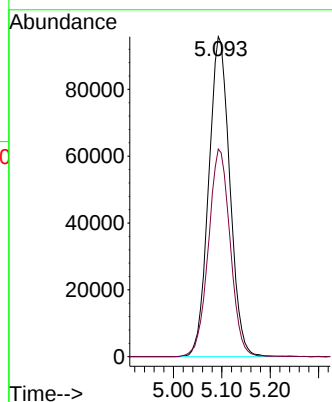
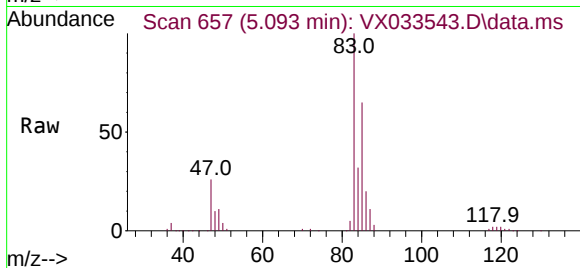
ClientSampleId :

Tgt Ion: 83 Resp: 291216

Ion Ratio Lower Upper

83 100

85 64.9 44.9 83.3



#27

1,2-Dichloroethane

Concen: 97.611 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX033543.D

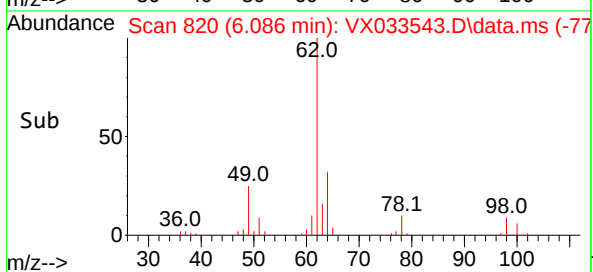
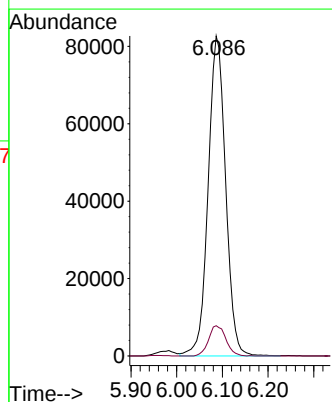
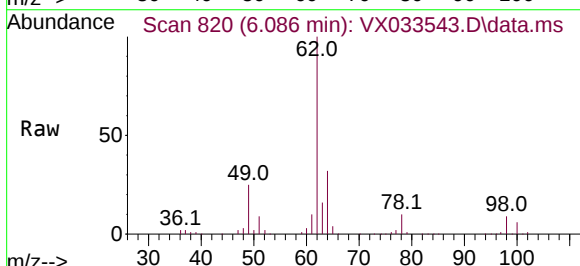
Acq: 22 Dec 2022 14:27

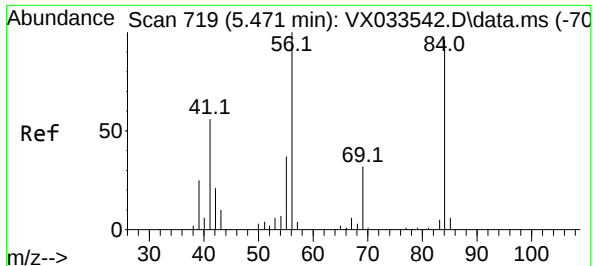
Tgt Ion: 62 Resp: 219740

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0





#29

Cyclohexane

Concen: 99.700 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

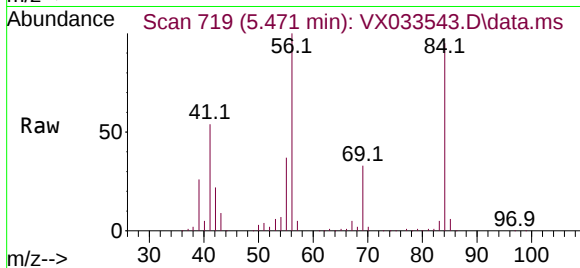
Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :



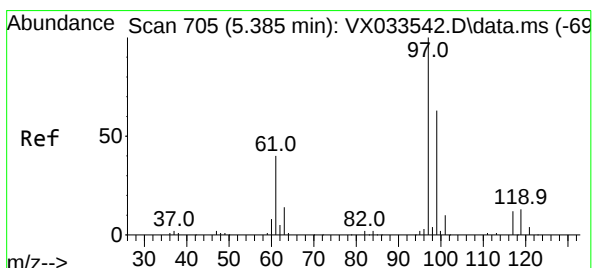
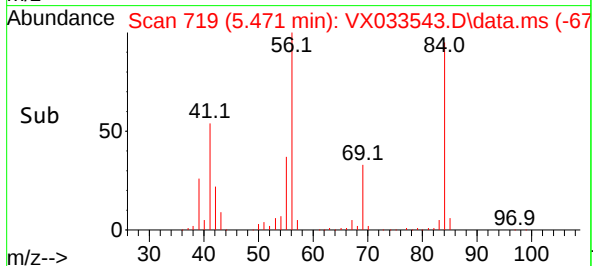
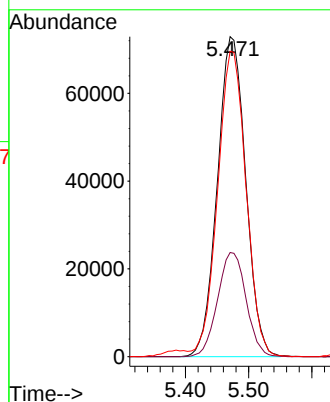
Tgt Ion: 56 Resp: 226773

Ion Ratio Lower Upper

56 100

69 32.7 26.3 39.5

84 95.8 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 99.369 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

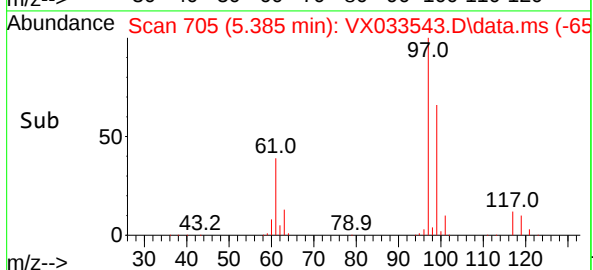
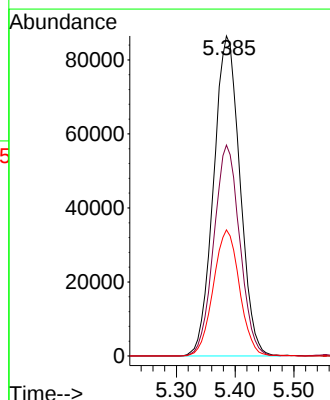
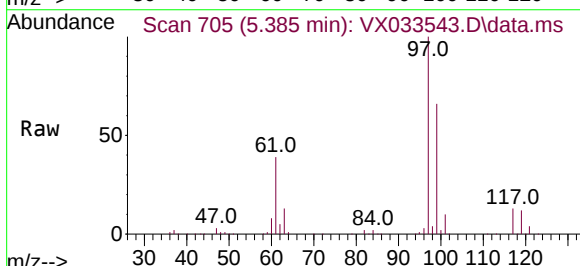
Tgt Ion: 97 Resp: 268955

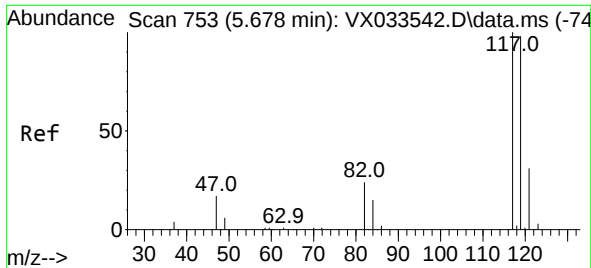
Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

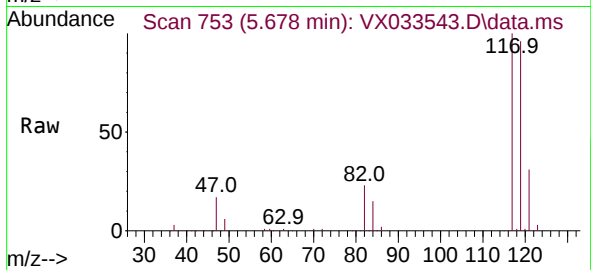
61 39.2 32.4 48.6



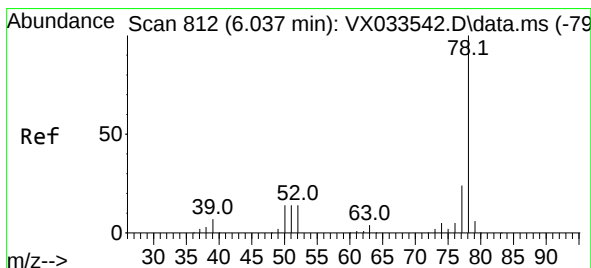
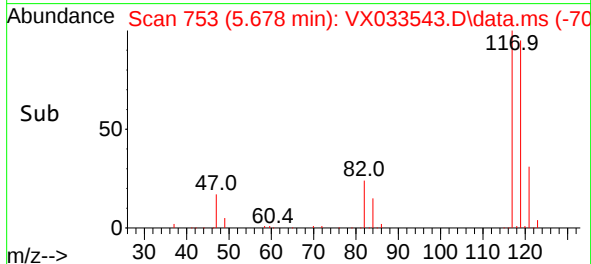
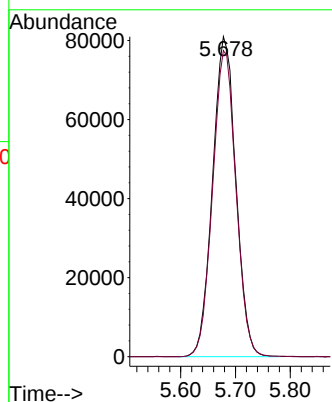


#31
Carbon tetrachloride
Concen: 99.680 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :

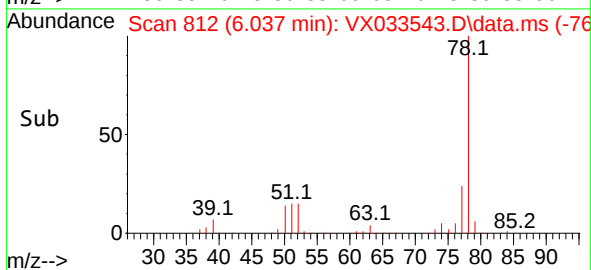
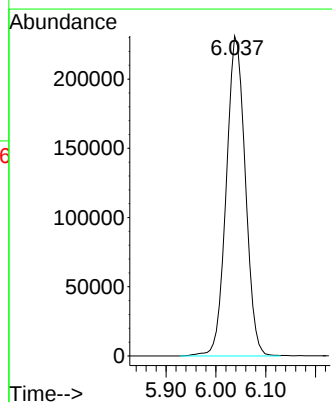
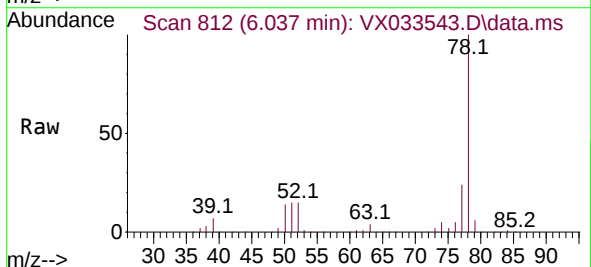


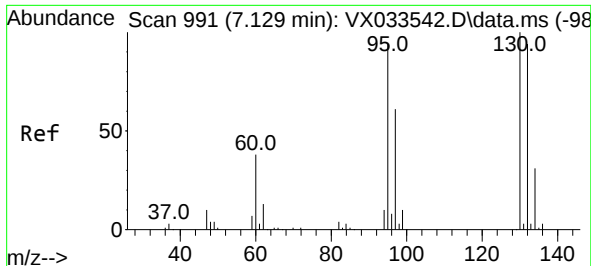
Tgt Ion:117 Resp: 239431
Ion Ratio Lower Upper
117 100
119 95.7 77.9 116.9



#33
Benzene
Concen: 99.145 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

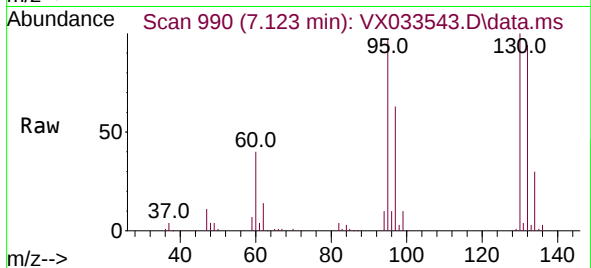
Tgt Ion: 78 Resp: 613229



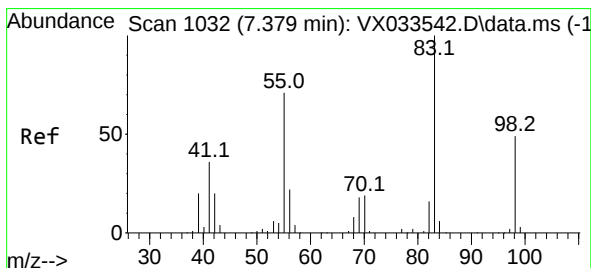
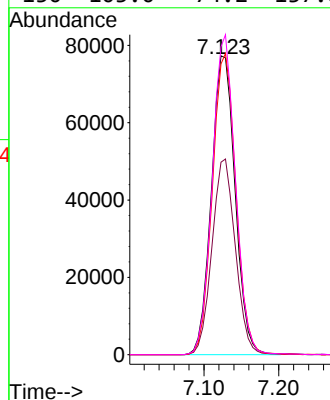
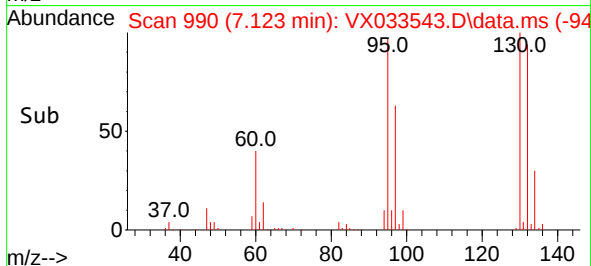


#34
Trichloroethene
Concen: 99.320 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

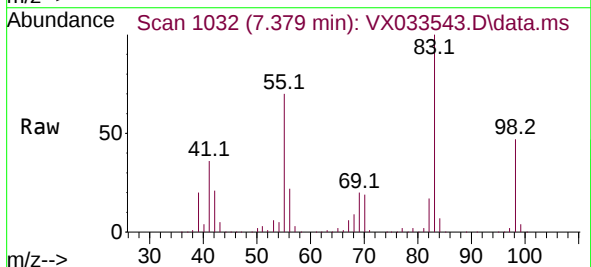
Instrument :
MSVOA_X
ClientSampleId :



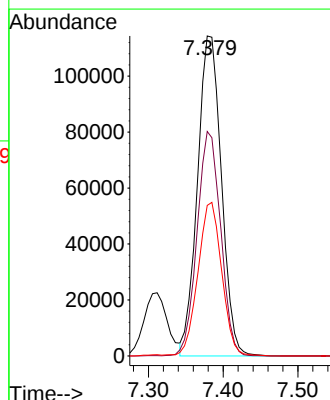
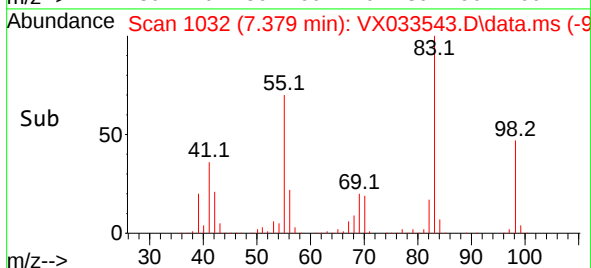
Tgt Ion: 95 Resp: 171297
Ion Ratio Lower Upper
95 100
97 64.4 44.9 83.3
132 97.2 69.5 129.1
130 103.0 74.2 137.8

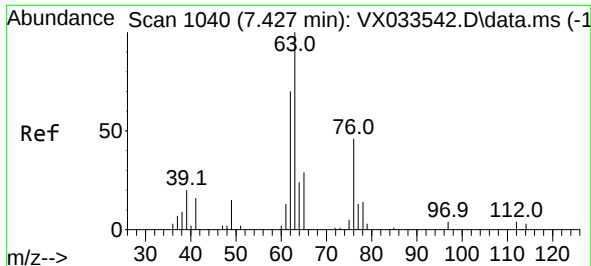


#35
Methylcyclohexane
Concen: 100.617 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27



Tgt Ion: 83 Resp: 254327
Ion Ratio Lower Upper
83 100
55 69.0 55.6 83.4
98 47.7 38.6 57.8





#37

1,2-Dichloropropane

Concen: 99.597 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

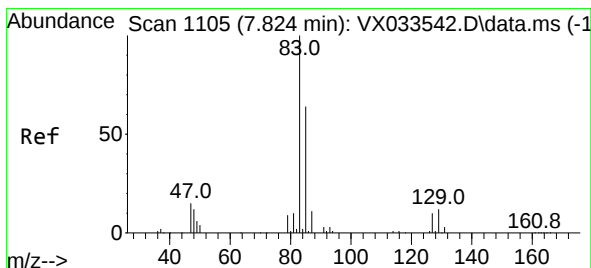
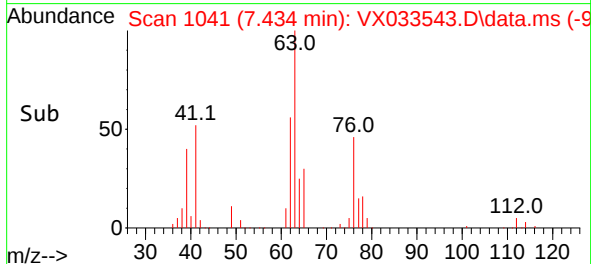
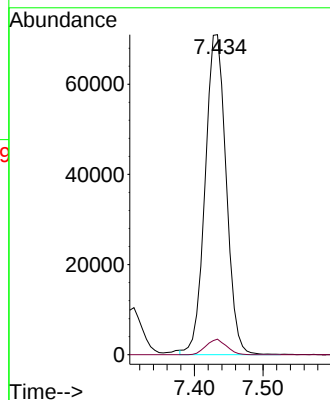
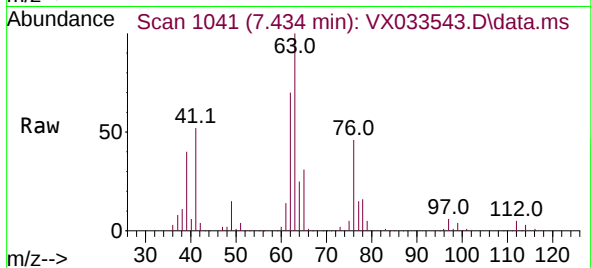
ClientSampleId :

Tgt Ion: 63 Resp: 151910

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 99.617 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

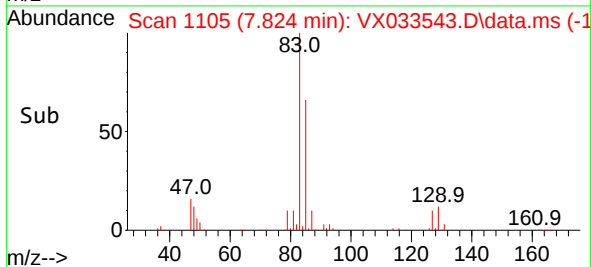
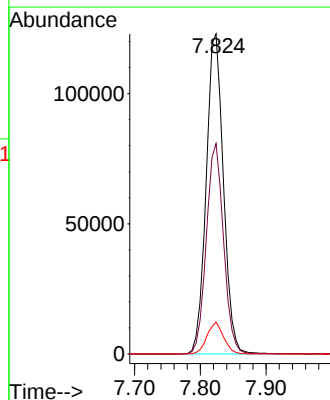
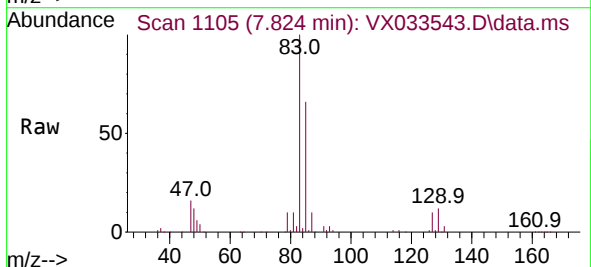
Tgt Ion: 83 Resp: 224229

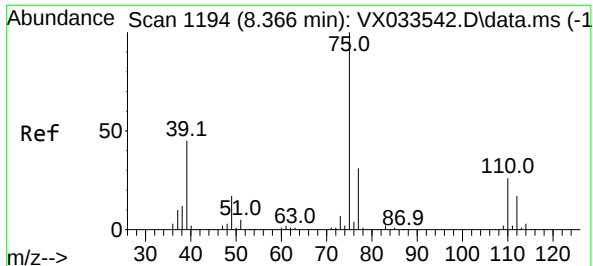
Ion Ratio Lower Upper

83 100

85 65.8 45.1 83.9

127 9.9 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 101.987 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

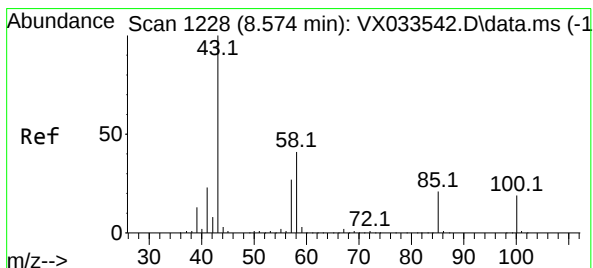
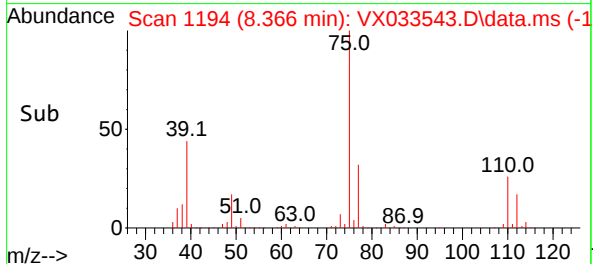
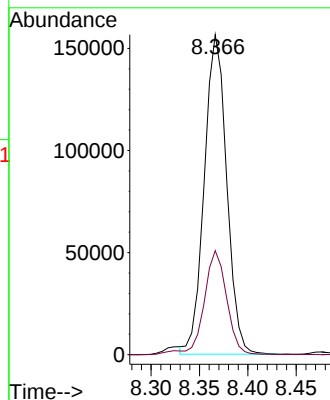
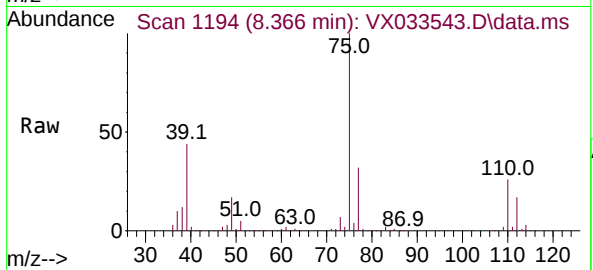
ClientSampleId :

Tgt Ion: 75 Resp: 252748

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 198.401 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

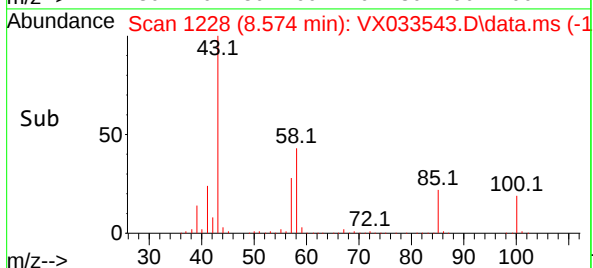
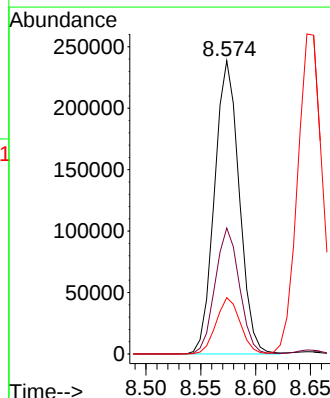
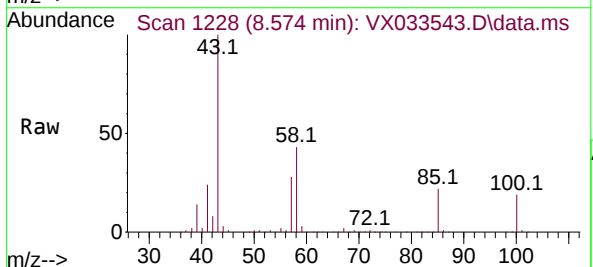
Tgt Ion: 43 Resp: 374767

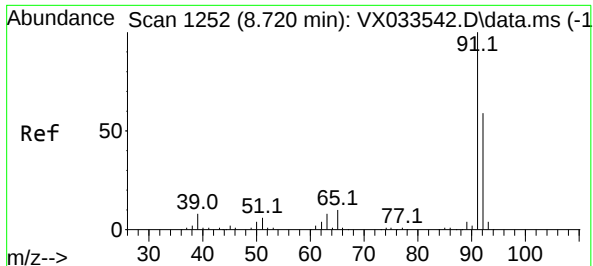
Ion Ratio Lower Upper

43 100

58 42.2 32.9 49.3

100 18.7 14.9 22.3





#42

Toluene

Concen: 99.397 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

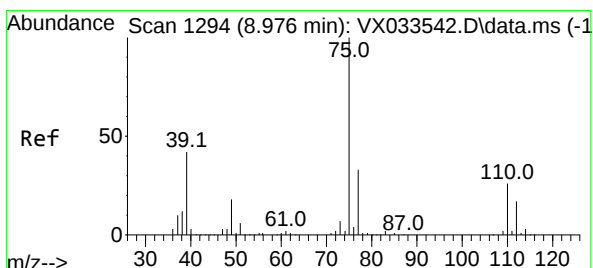
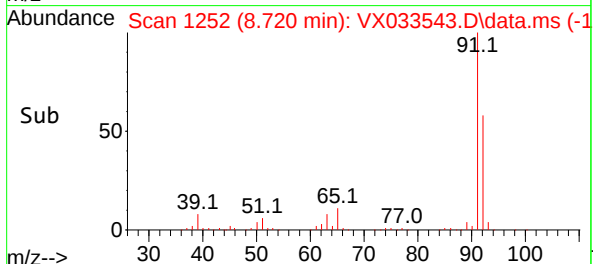
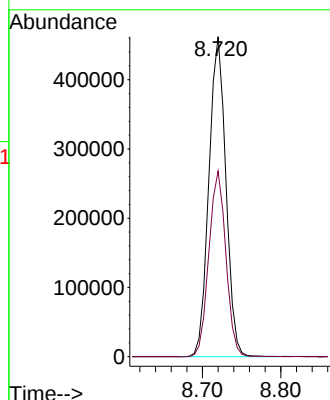
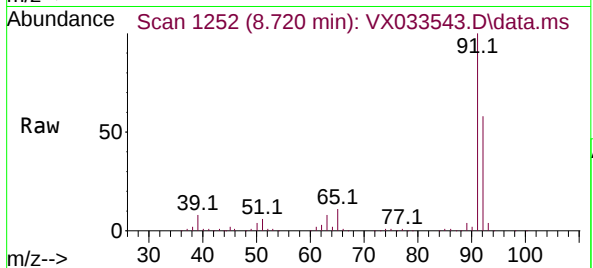
ClientSampleId :

Tgt Ion: 91 Resp: 694865

Ion Ratio Lower Upper

91 100

92 58.0 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 104.855 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033543.D

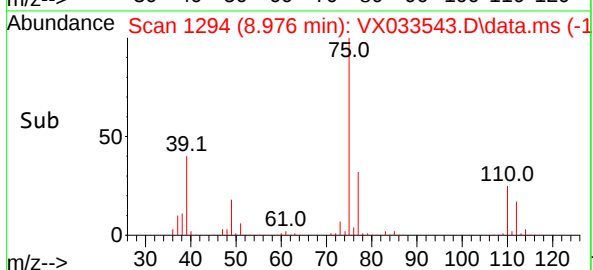
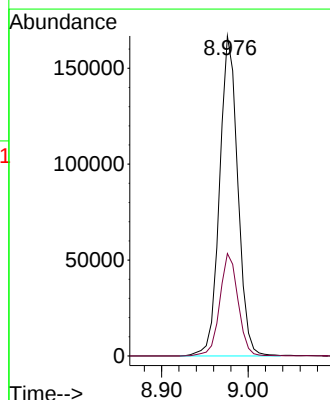
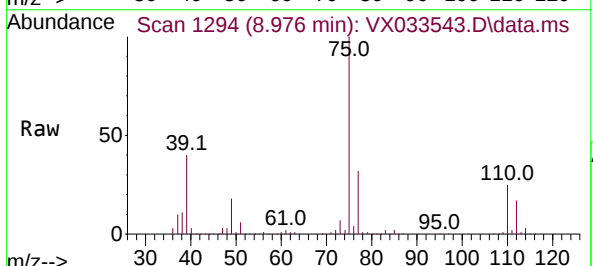
Acq: 22 Dec 2022 14:27

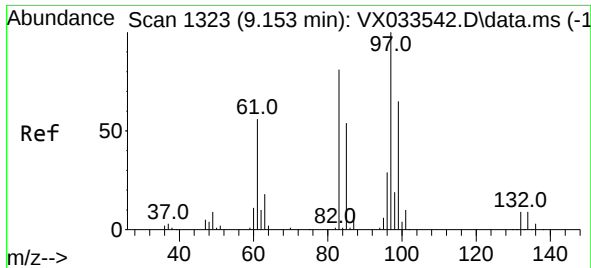
Tgt Ion: 75 Resp: 243976

Ion Ratio Lower Upper

75 100

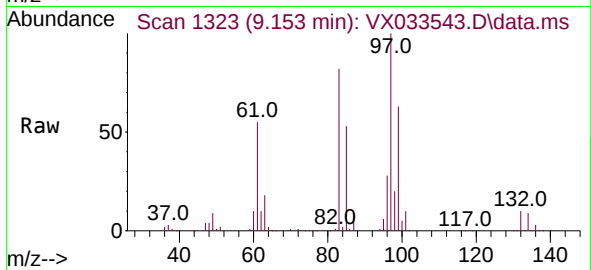
77 32.0 22.8 42.4



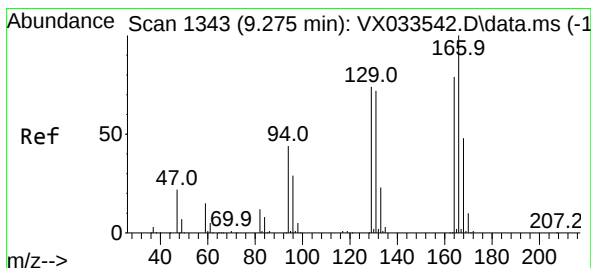
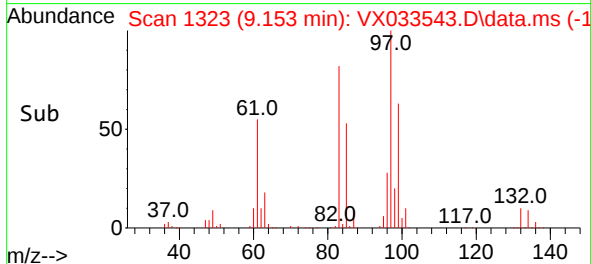
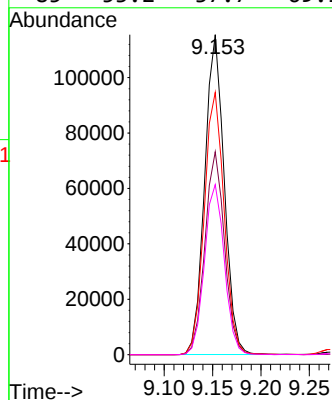


#45
1,1,2-Trichloroethane
Concen: 98.313 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :

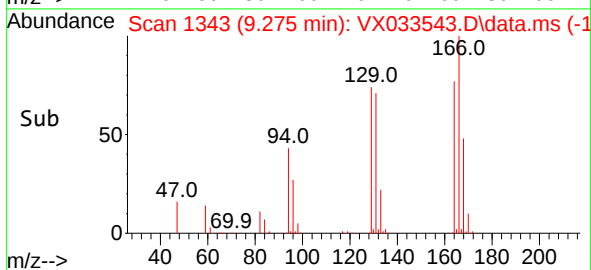
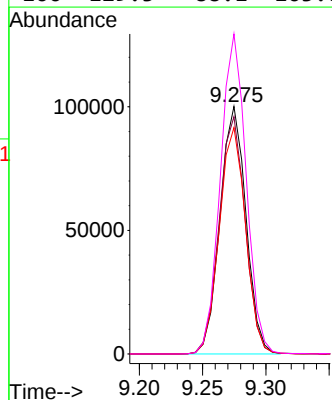
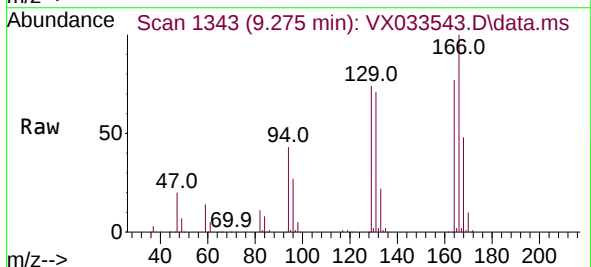


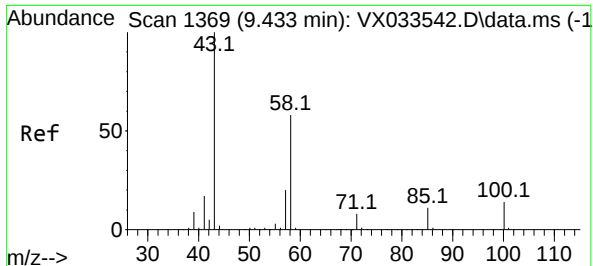
Tgt Ion:	97	Resp:	162319
Ion	Ratio	Lower	Upper
97	100		
99	63.4	45.4	84.2
83	81.9	57.0	105.9
85	53.2	37.7	69.9



#46
Tetrachloroethene
Concen: 97.806 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

Tgt Ion:	164	Resp:	142372
Ion	Ratio	Lower	Upper
164	100		
129	95.9	65.6	121.8
131	91.5	63.5	117.9
166	129.3	88.1	163.7





#48

2-Hexanone

Concen: 195.665 ug/L

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

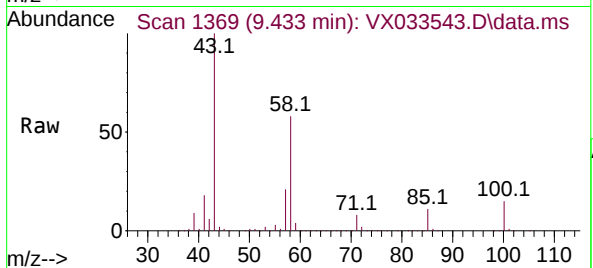
Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 293553

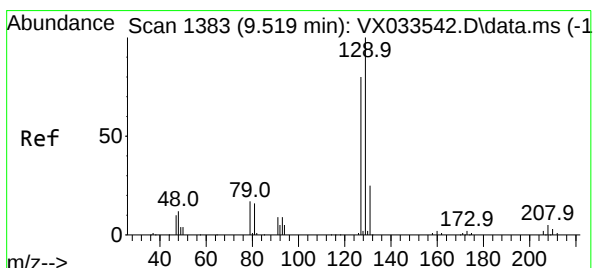
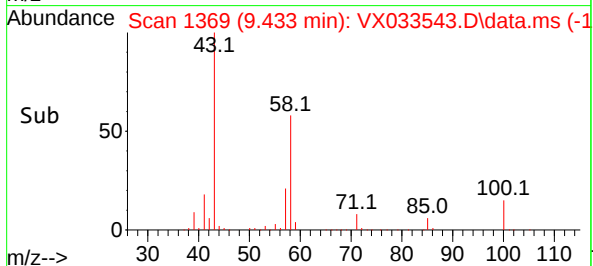
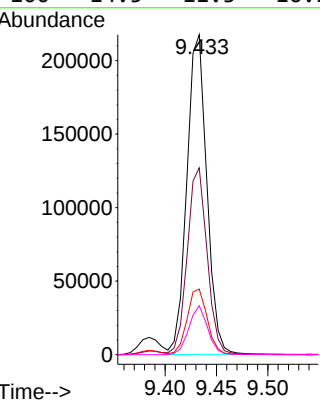
Ion Ratio Lower Upper

43 100

58 58.3 44.6 66.8

57 20.8 16.4 24.6

100 14.5 11.3 16.9



#49

Dibromochloromethane

Concen: 101.776 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX033543.D

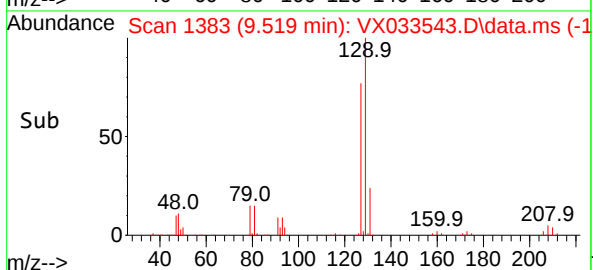
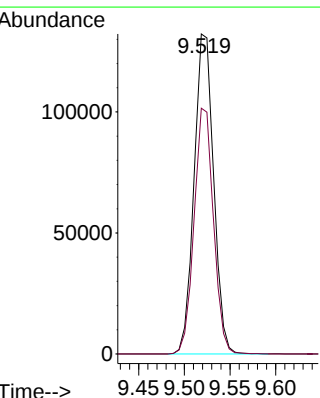
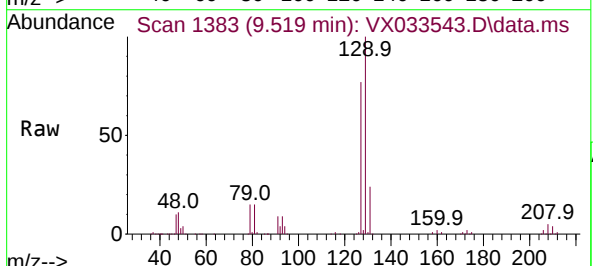
Acq: 22 Dec 2022 14:27

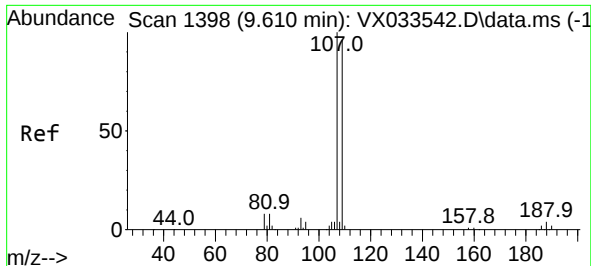
Tgt Ion:129 Resp: 196233

Ion Ratio Lower Upper

129 100

127 76.8 55.8 103.6

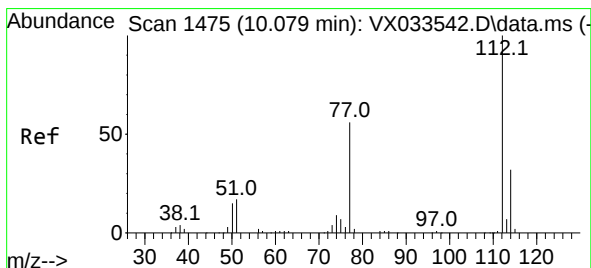
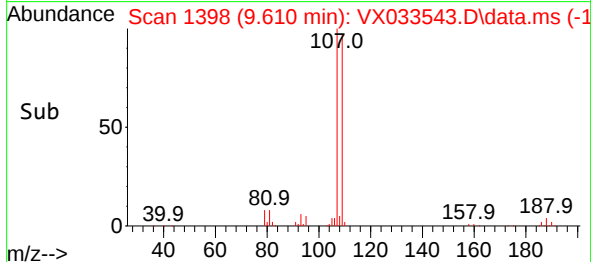
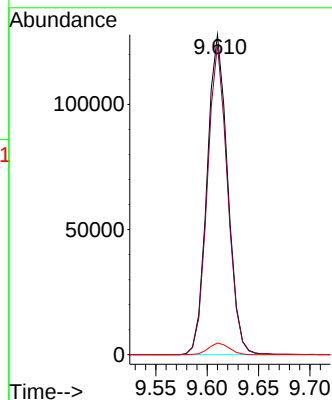
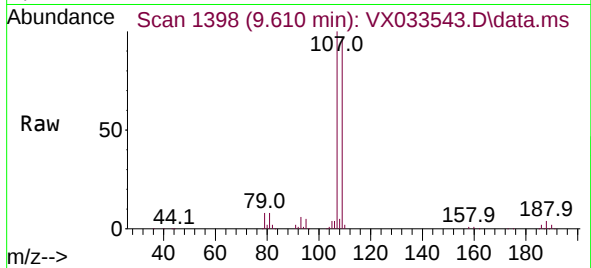




#50
1,2-Dibromoethane
Concen: 99.932 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

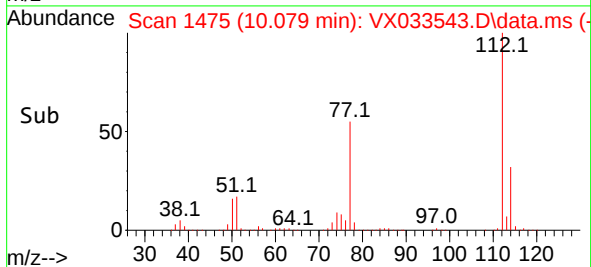
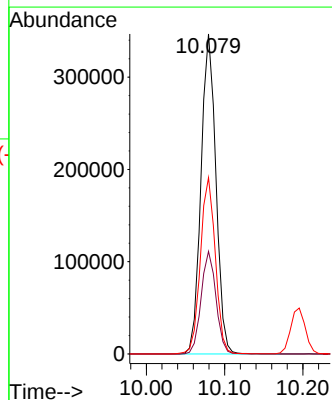
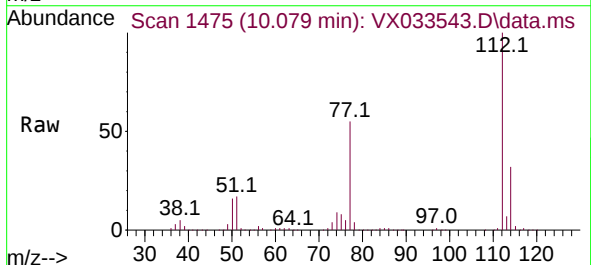
Instrument :
MSVOA_X
ClientSampleId :

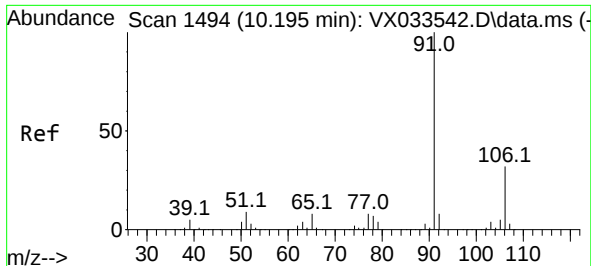
Tgt Ion:107 Resp: 178106
Ion Ratio Lower Upper
107 100
109 97.1 67.5 125.3
188 3.6 3.0 4.4



#51
Chlorobenzene
Concen: 98.807 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

Tgt Ion:112 Resp: 458358
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 55.1 45.0 67.4





#52

Ethylbenzene

Concen: 100.104 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

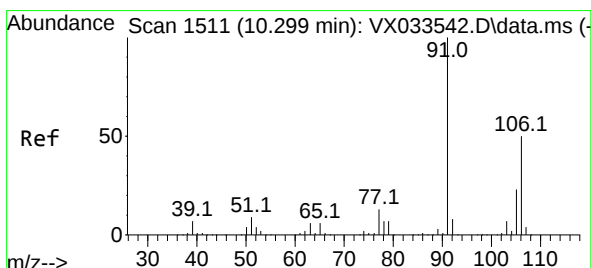
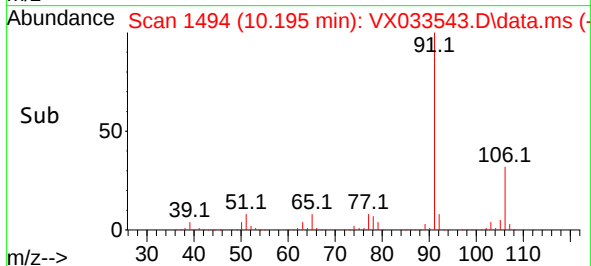
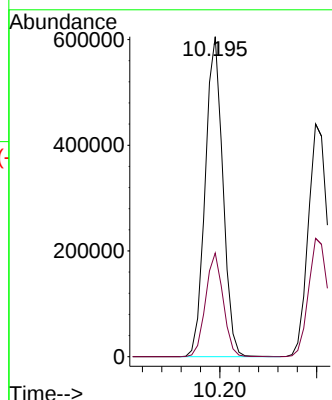
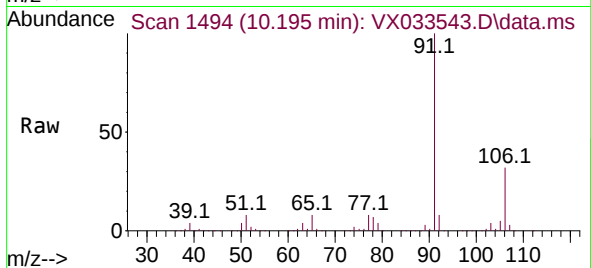
ClientSampleId :

Tgt Ion: 91 Resp: 766663

Ion Ratio Lower Upper

91 100

106 32.4 22.5 41.7



#53

m,p-Xylene

Concen: 100.740 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX033543.D

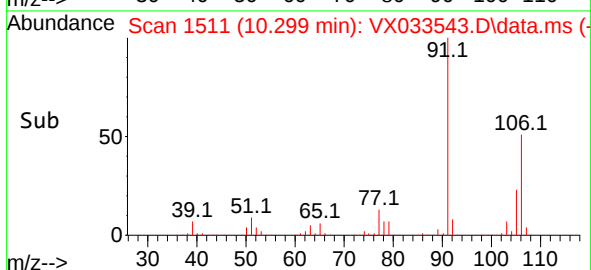
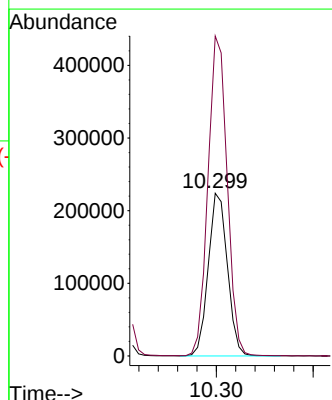
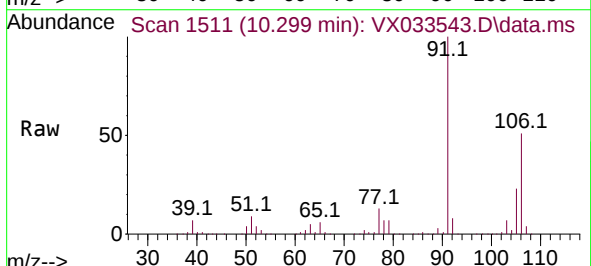
Acq: 22 Dec 2022 14:27

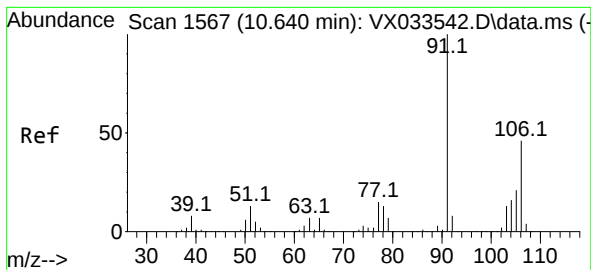
Tgt Ion:106 Resp: 307729

Ion Ratio Lower Upper

106 100

91 196.7 140.4 260.8





#54

o-Xylene

Concen: 101.307 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

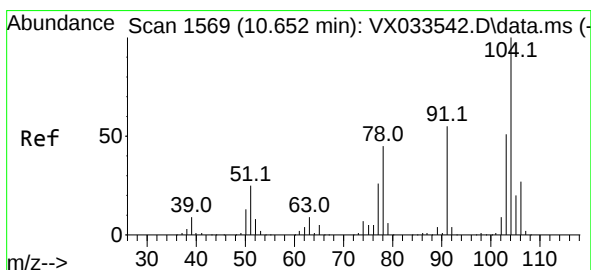
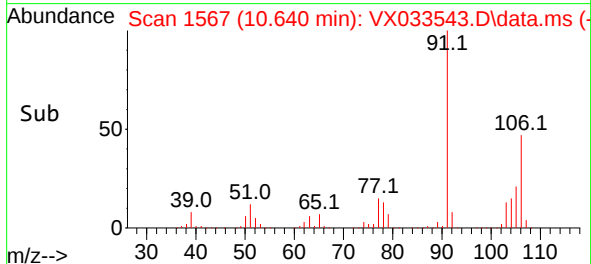
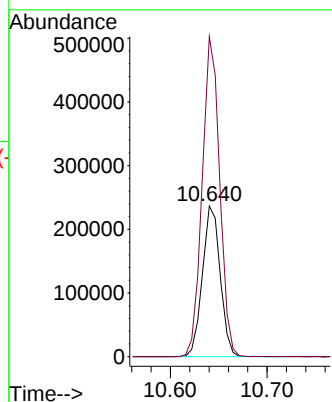
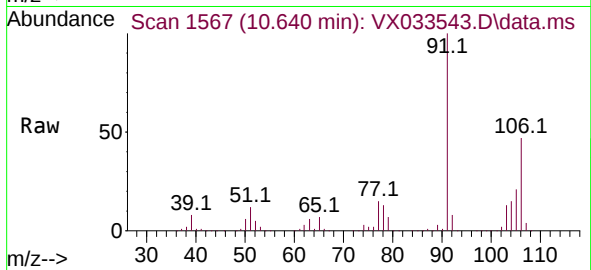
ClientSampleId :

Tgt Ion:106 Resp: 302661

Ion Ratio Lower Upper

106 100

91 212.4 150.6 279.6



#55

Styrene

Concen: 102.268 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX033543.D

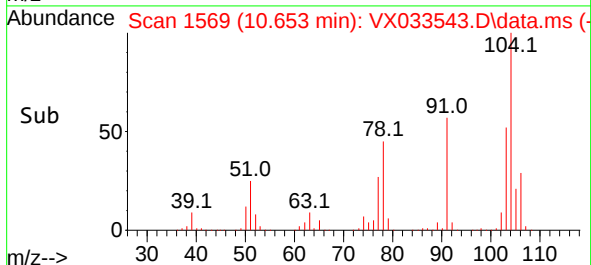
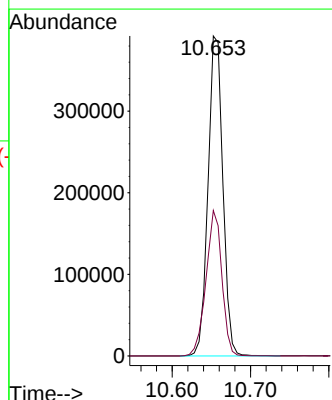
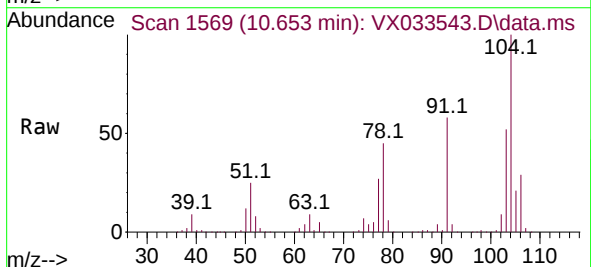
Acq: 22 Dec 2022 14:27

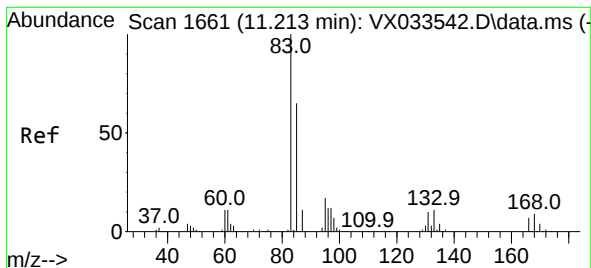
Tgt Ion:104 Resp: 514920

Ion Ratio Lower Upper

104 100

78 45.5 31.7 58.9

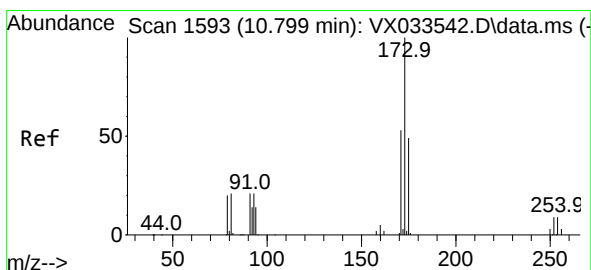
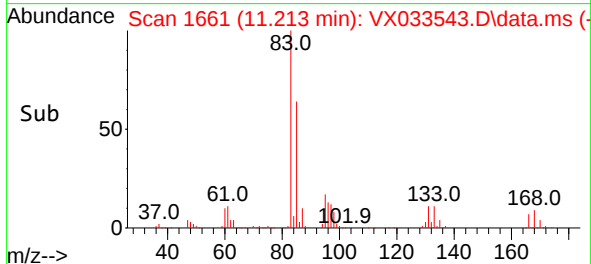
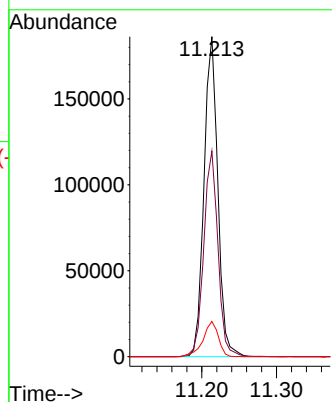
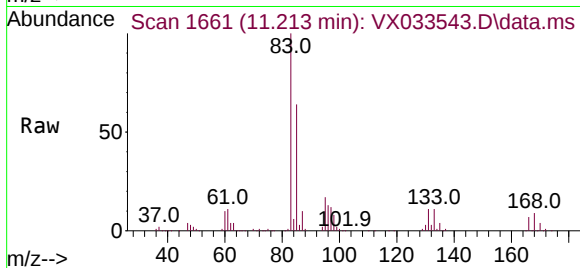




#57
1,1,2,2-Tetrachloroethane
Concen: 98.974 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

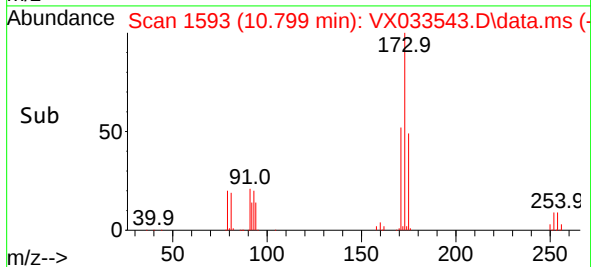
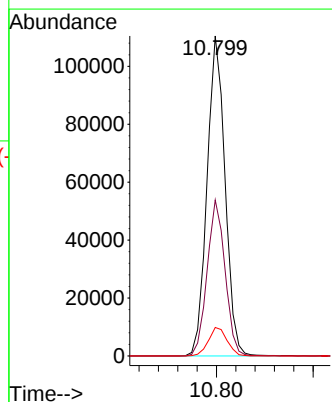
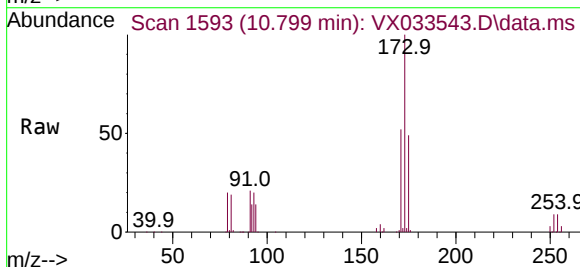
Instrument :
MSVOA_X
ClientSampleId :

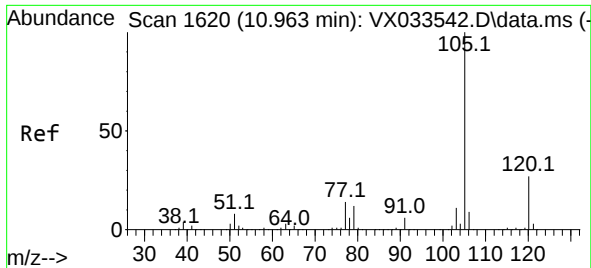
Tgt Ion: 83 Resp: 238951
Ion Ratio Lower Upper
83 100
85 64.3 45.6 84.8
131 11.0 8.4 12.6



#59
Bromoform
Concen: 101.084 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

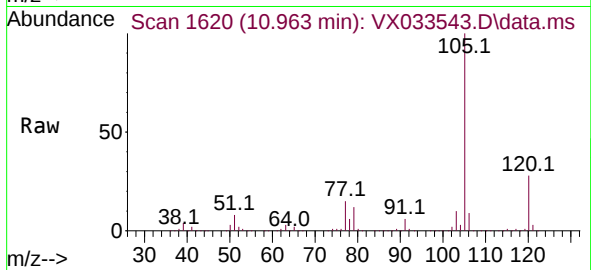
Tgt Ion:173 Resp: 143109
Ion Ratio Lower Upper
173 100
175 48.4 38.9 58.3
254 9.2 7.2 10.8



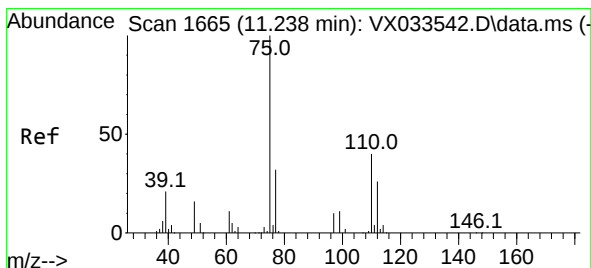
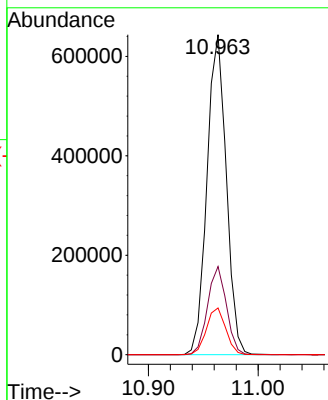
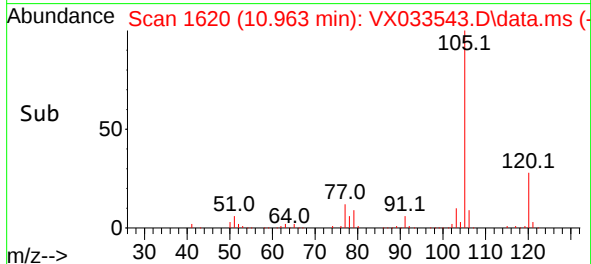


#60
Isopropylbenzene
Concen: 97.872 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

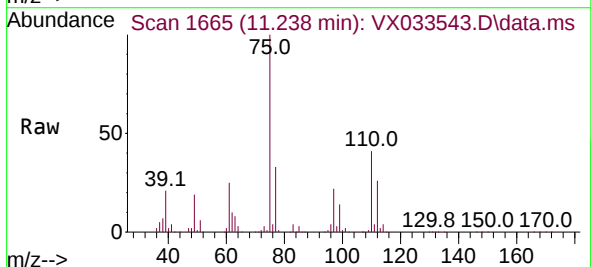
Instrument :
MSVOA_X
ClientSampleId :



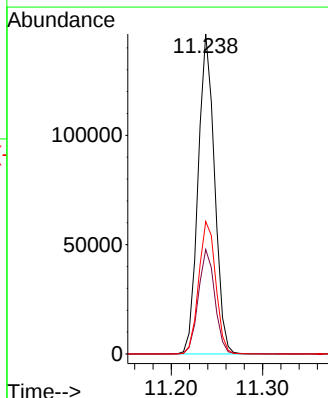
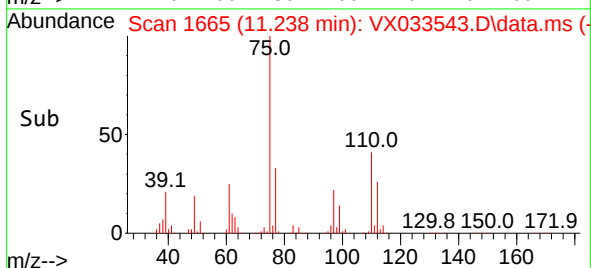
Tgt Ion:105 Resp: 786825
Ion Ratio Lower Upper
105 100
120 26.9 21.6 32.4
77 14.7 11.7 17.5

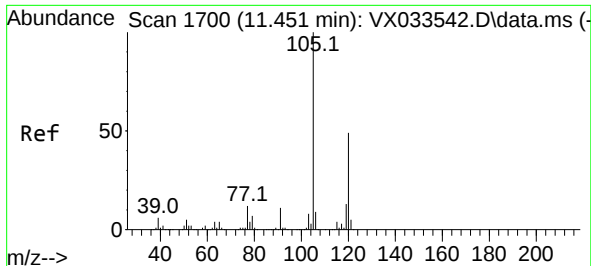


#61
1,2,3-Trichloropropane
Concen: 95.352 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27



Tgt Ion: 75 Resp: 182598
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0
110 42.7 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 99.017 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

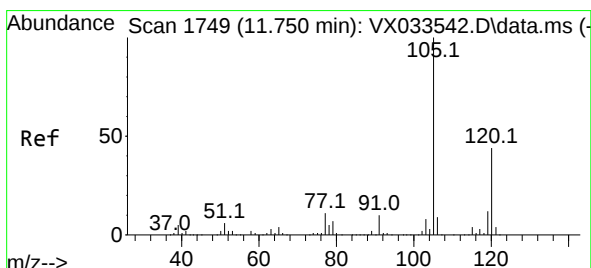
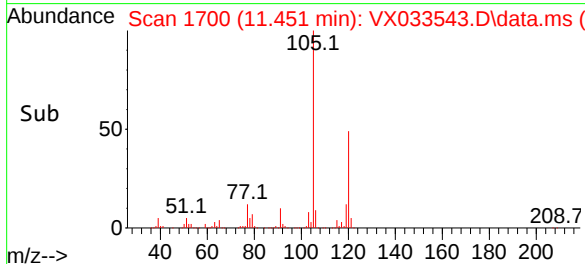
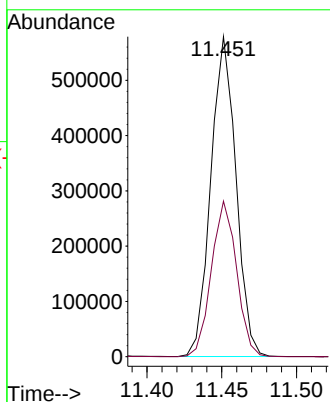
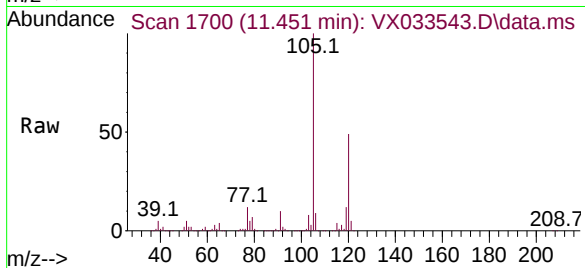
ClientSampleId :

Tgt Ion:105 Resp: 676211

Ion Ratio Lower Upper

105 100

120 48.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 99.004 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033543.D

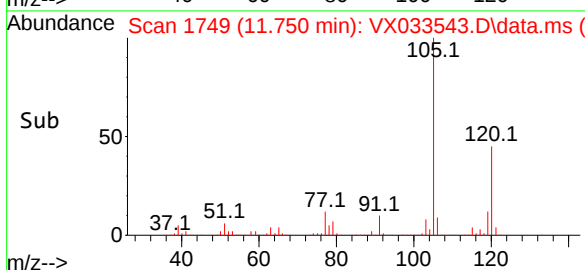
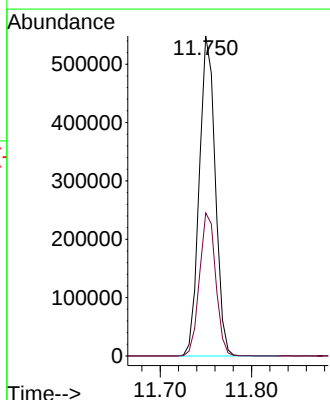
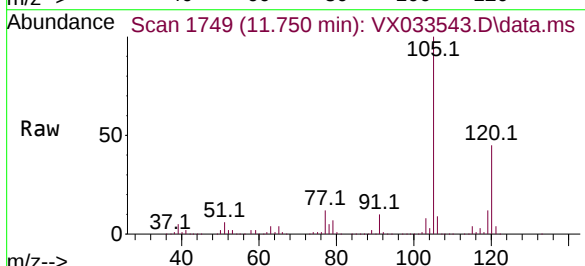
Acq: 22 Dec 2022 14:27

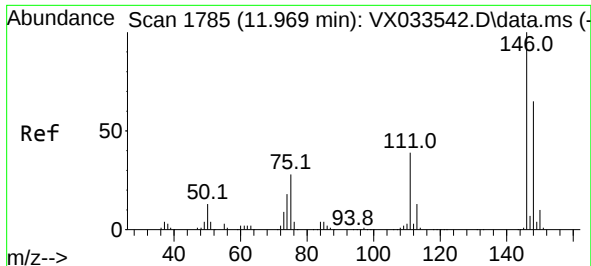
Tgt Ion:105 Resp: 664736

Ion Ratio Lower Upper

105 100

120 45.2 35.8 53.6

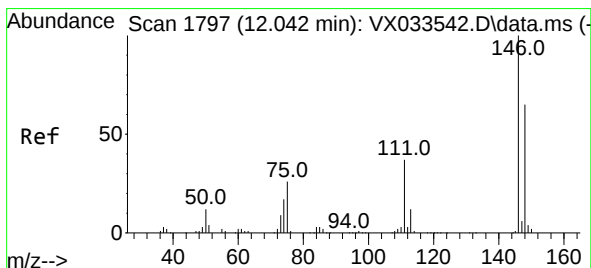
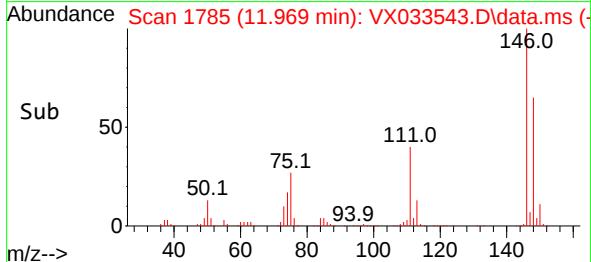
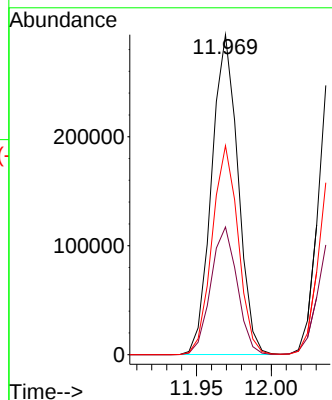
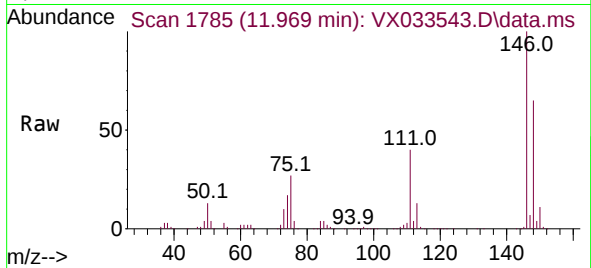




#64
1,3-Dichlorobenzene
Concen: 98.007 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

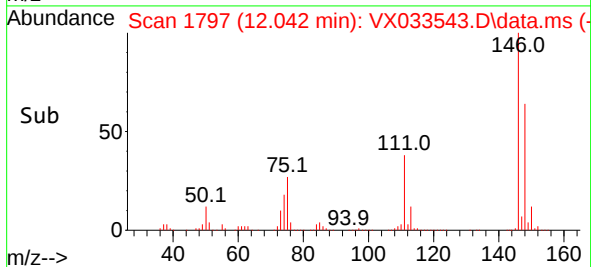
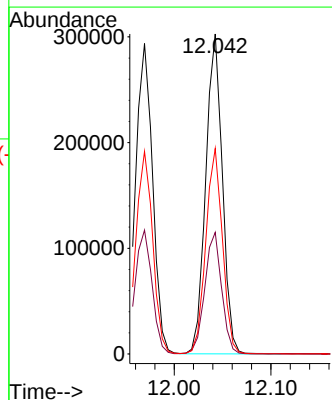
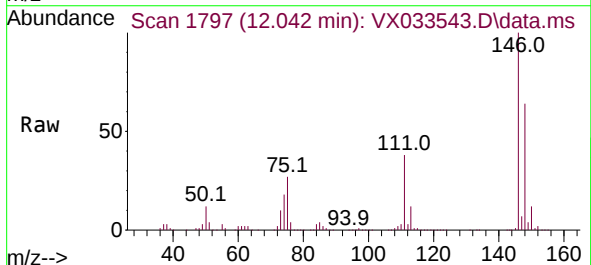
Instrument :
MSVOA_X
ClientSampleId :

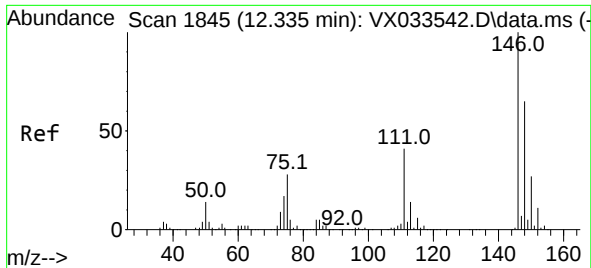
Tgt Ion:146 Resp: 359884
Ion Ratio Lower Upper
146 100
111 39.9 27.6 51.2
148 65.3 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 97.687 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

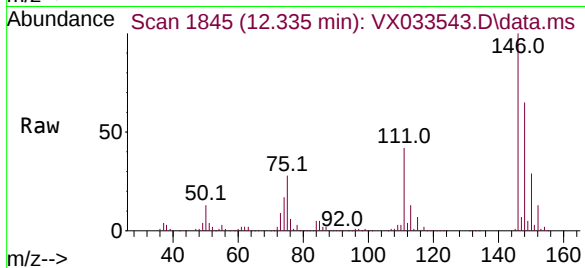
Tgt Ion:146 Resp: 362854
Ion Ratio Lower Upper
146 100
111 38.0 25.8 47.8
148 64.2 45.8 85.0



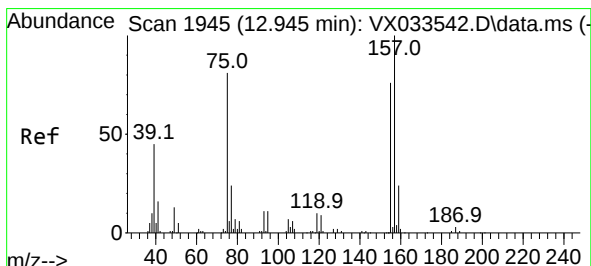
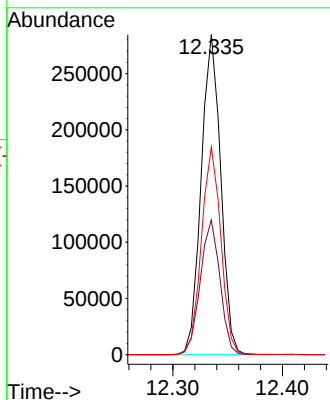
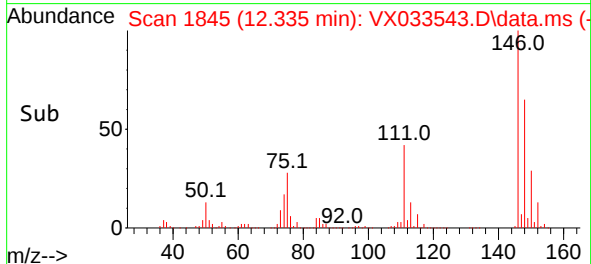


#67
1,2-Dichlorobenzene
Concen: 97.057 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27

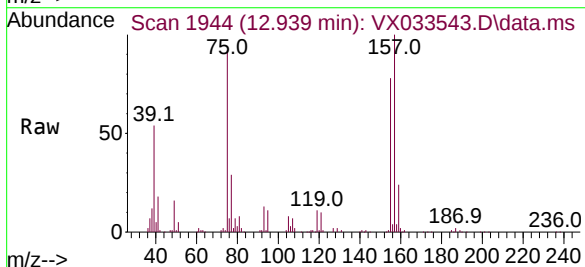
Instrument :
MSVOA_X
ClientSampleId :



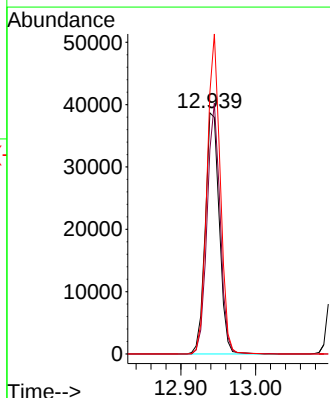
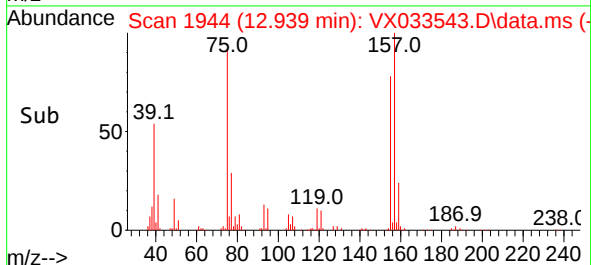
Tgt Ion:146 Resp: 351716
Ion Ratio Lower Upper
146 100
111 42.0 33.2 49.8
148 64.9 51.9 77.9

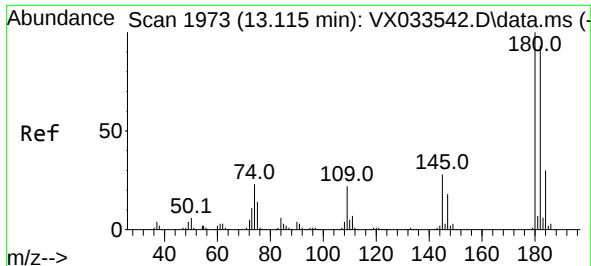


#68
1,2-Dibromo-3-chloropropane
Concen: 97.978 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX033543.D
Acq: 22 Dec 2022 14:27



Tgt Ion: 75 Resp: 50439
Ion Ratio Lower Upper
75 100
155 84.7 75.4 113.2
157 108.5 98.7 148.1





#69

1,3,5-Trichlorobenzene

Concen: 99.162 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.000 min

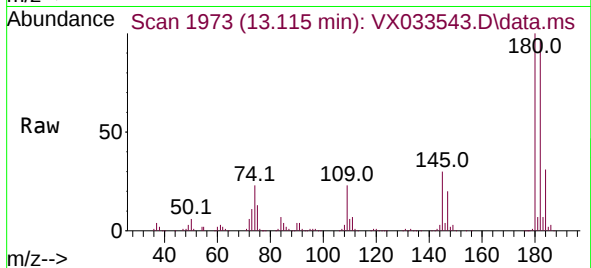
Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 243641

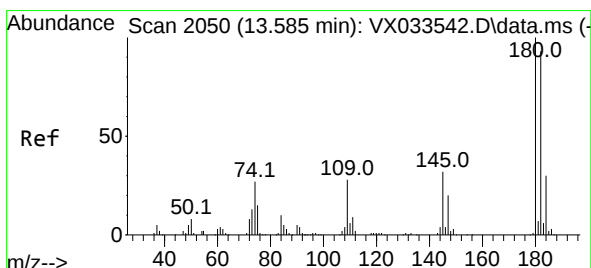
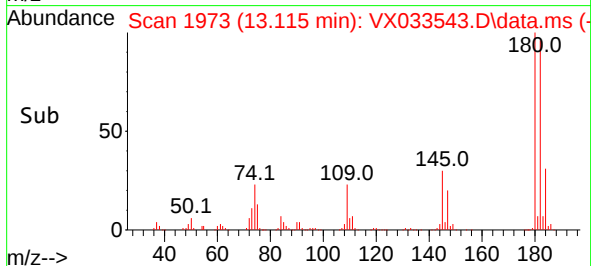
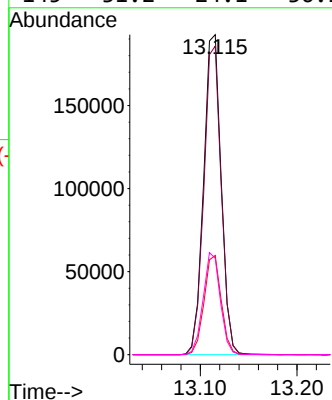
Ion Ratio Lower Upper

180 100

182 95.7 75.0 112.6

184 30.4 24.0 36.0

145 31.2 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 100.572 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

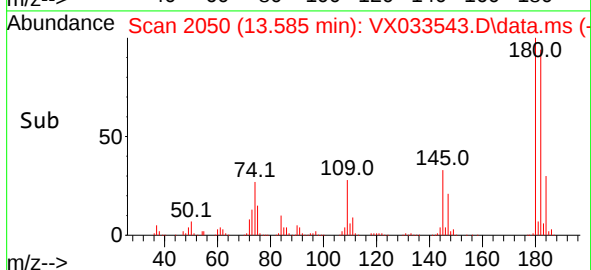
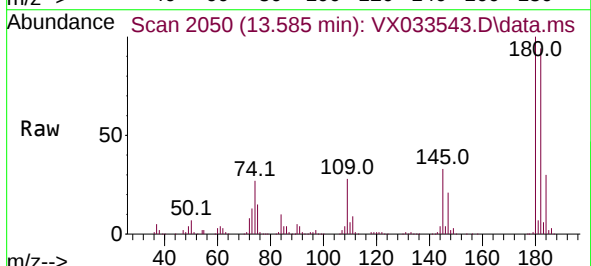
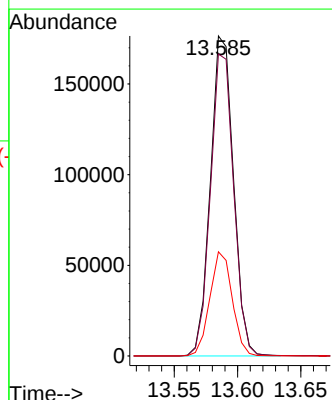
Tgt Ion:180 Resp: 223823

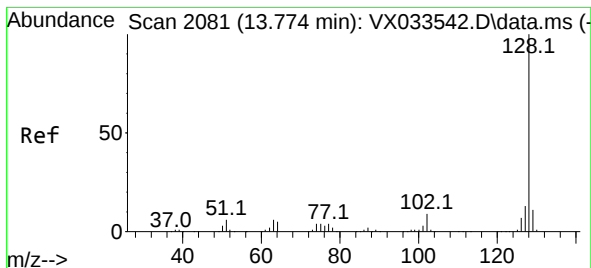
Ion Ratio Lower Upper

180 100

182 95.0 76.6 115.0

145 31.7 25.2 37.8





#71

Naphthalene

Concen: 103.091 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

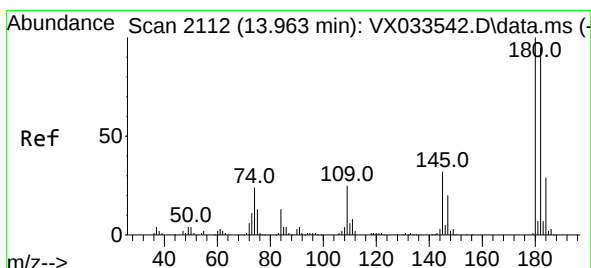
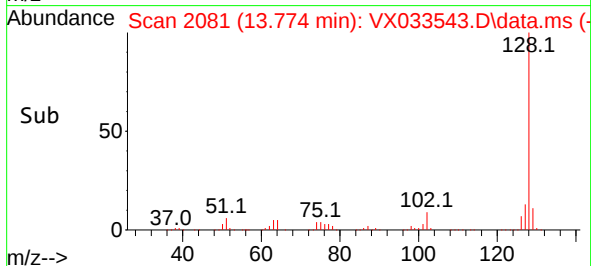
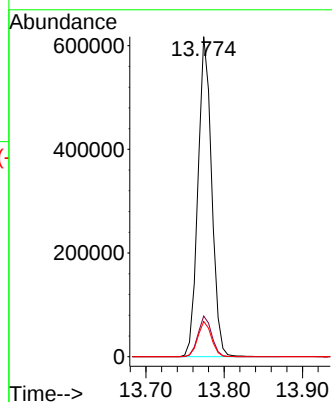
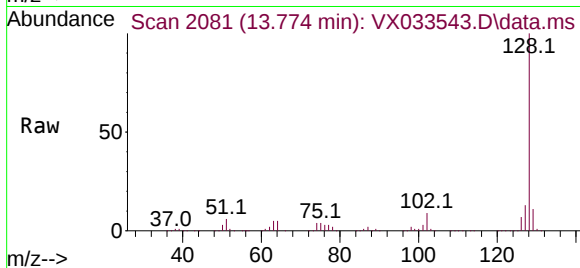
Tgt Ion:128 Resp: 749592

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 100.037 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033543.D

Acq: 22 Dec 2022 14:27

Tgt Ion:180 Resp: 222171

Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

145 33.3 26.2 39.4

