

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033540.D
 Acq On : 22 Dec 2022 13:18
 Operator : JC/MD
 Sample : VSTD00501
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 04:31:29 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	6.757	114	290142	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	256038	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127500	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	7394	4.791	ug/L	0.00
7) Chloroethane-d5	1.673	69	5285	4.378	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	11861	4.813	ug/L	0.00
21) 2-Butanone-d5	4.465	46	10076	8.987	ug/L	0.00
24) Chloroform-d	5.056	84	18555	4.849	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	12304	5.186	ug/L	0.00
32) Benzene-d6	5.971	84	35545	4.861	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	10110	4.732	ug/L	0.00
41) Toluene-d8	8.647	98	34898	4.917	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	4652	4.504	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	7607	8.686	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	14173	4.838	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	12849	4.858	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	3853	5.502	ug/L	99
3) Chloromethane	1.295	50	4675	5.317	ug/L	86
5) Vinyl chloride	1.374	62	6038	5.197	ug/L	91
6) Bromomethane	1.618	94	3401	4.921	ug/L	86
8) Chloroethane	1.691	64	3778	4.888	ug/L	94
9) Trichlorofluoromethane	1.892	101	10678	5.553	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	6376	5.212	ug/L	100
12) 1,1-Dichloroethene	2.319	96	5882	5.347	ug/L	89
13) Acetone	2.386	43	8144	11.309	ug/L	99
14) Carbon disulfide	2.514	76	16772	5.010	ug/L	95
15) Methyl Acetate	2.703	43	7594	5.274	ug/L	97
16) Methylene chloride	2.794	84	9276	5.633	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	8791	5.395	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	27327	5.291	ug/L	100
19) 1,1-Dichloroethane	3.611	63	15013	5.308	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	10209	5.346	ug/L	95
22) 2-Butanone	4.562	43	13276	11.193	ug/L	99
23) Bromochloromethane	4.904	128	5595	5.473	ug/L	93
25) Chloroform	5.093	83	17608	5.358	ug/L	92
27) 1,2-Dichloroethane	6.086	62	13760	5.489	ug/L	100
29) Cyclohexane	5.465	56	13582	5.428	ug/L #	93
30) 1,1,1-Trichloroethane	5.373	97	16047	5.389	ug/L	99
31) Carbon tetrachloride	5.672	117	14371	5.438	ug/L	99
33) Benzene	6.032	78	36980	5.435	ug/L	100
34) Trichloroethene	7.123	95	10330	5.444	ug/L	94
35) Methylcyclohexane	7.379	83	14775	5.313	ug/L	98
37) 1,2-Dichloropropane	7.422	63	9037	5.386	ug/L	98
38) Bromodichloromethane	7.824	83	13329	5.383	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	14235	5.221	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	22116	10.643	ug/L	98
42) Toluene	8.720	91	42097	5.474	ug/L	93
44) trans-1,3-Dichloropropene	8.976	75	12630	4.934	ug/L	91

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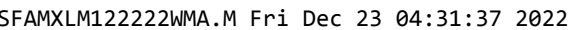
Instrument :
 MSVOA_X
 ClientSampleId :

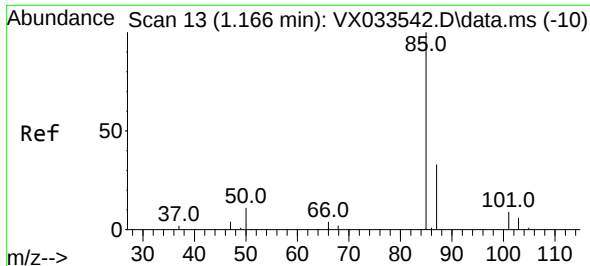
Quant Time: Dec 23 04:31:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:30:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	9861	5.429	ug/L	97
46) Tetrachloroethene	9.275	164	8785	5.486	ug/L	97
48) 2-Hexanone	9.433	43	17581	10.652	ug/L	97
49) Dibromochloromethane	9.519	129	10962	5.168	ug/L	97
50) 1,2-Dibromoethane	9.610	107	10466	5.338	ug/L	96
51) Chlorobenzene	10.080	112	28058	5.498	ug/L	98
52) Ethylbenzene	10.195	91	45192	5.364	ug/L	99
53) m,p-Xylene	10.299	106	17903	5.327	ug/L	99
54) o-Xylene	10.640	106	17410	5.297	ug/L	99
55) Styrene	10.659	104	28558	5.156	ug/L	88
57) 1,1,2,2-Tetrachloroethane	11.214	83	14115	5.314	ug/L	95
59) Bromoform	10.799	173	7747	5.218	ug/L	100
60) Isopropylbenzene	10.964	105	45307	5.374	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	11122	5.538	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	37663	5.259	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	37294	5.297	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	20896	5.426	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	21215	5.446	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	20500	5.394	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	2768	5.127	ug/L	88
69) 1,3,5-Trichlorobenzene	13.116	180	13654	5.299	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	12330	5.283	ug/L	99
71) Naphthalene	13.774	128	37803	4.958	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	12263	5.265	ug/L	99

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

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QLast Update : Fri Dec 23 04:30:49 2022
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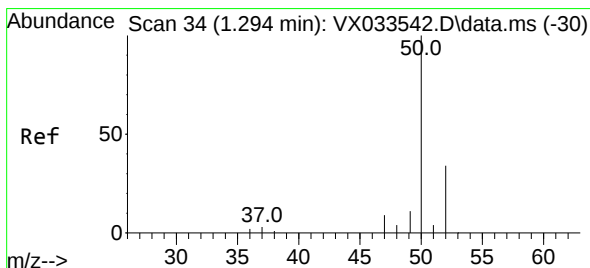
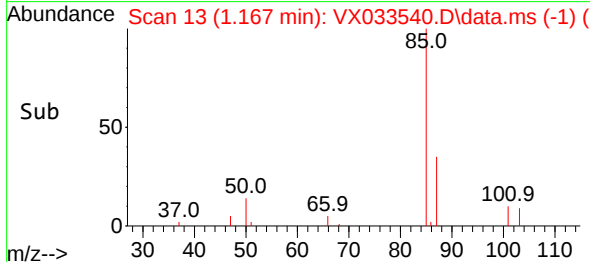
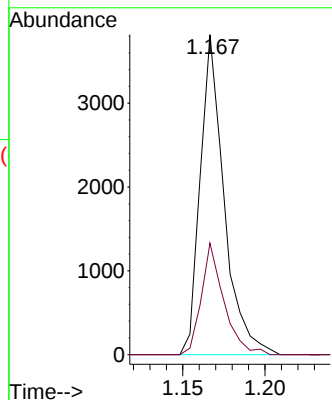
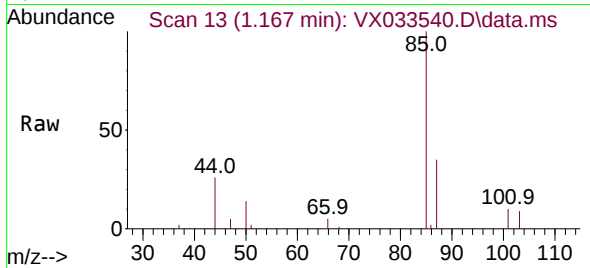




#2
 Dichlorodifluoromethane
 Concen: 5.502 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033540.D
 Acq: 22 Dec 2022 13:18

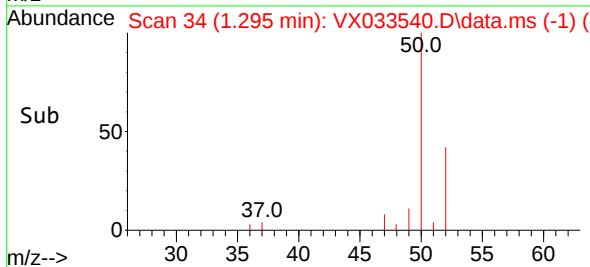
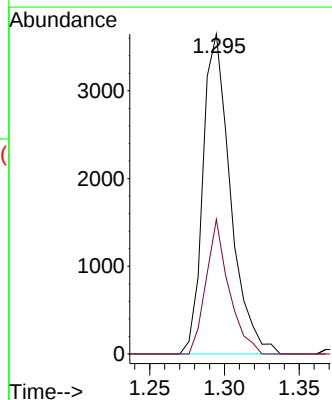
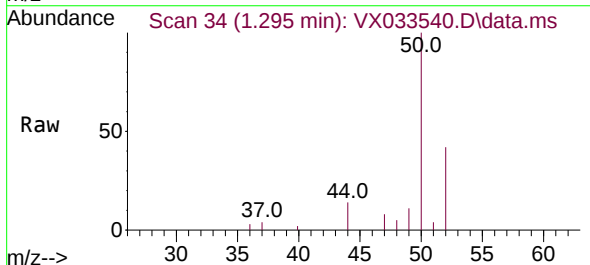
Instrument :
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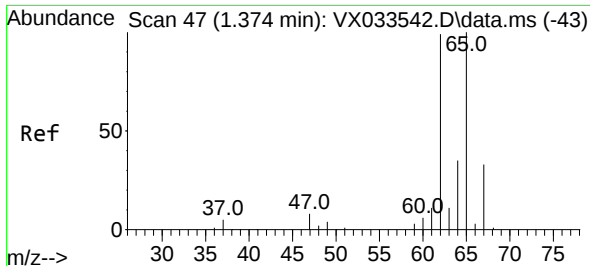
Tgt Ion: 85 Resp: 3853
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.1 39.1



#3
 Chloromethane
 Concen: 5.317 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX033540.D
 Acq: 22 Dec 2022 13:18

Tgt Ion: 50 Resp: 4675
 Ion Ratio Lower Upper
 50 100
 52 42.1 23.7 43.9

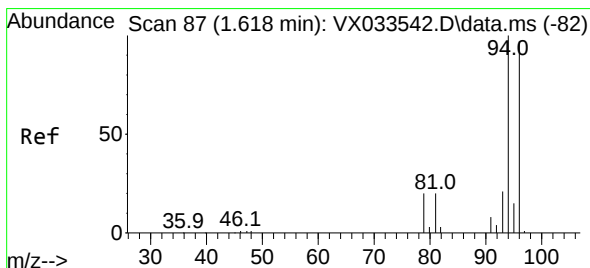
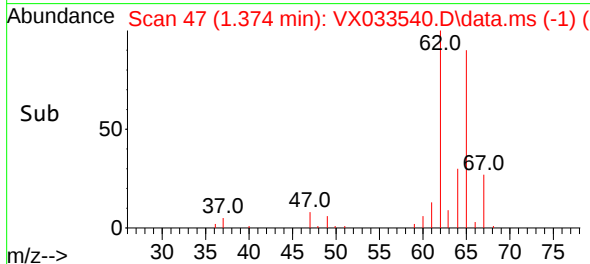
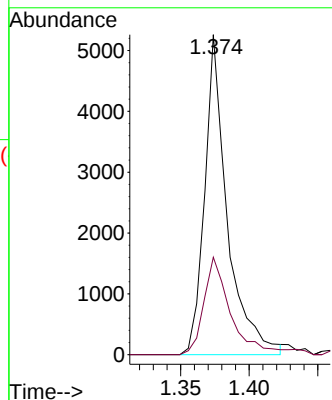
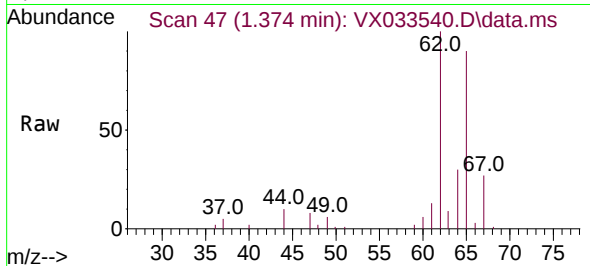




#5
 Vinyl chloride
 Concen: 5.197 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033540.D
 Acq: 22 Dec 2022 13:18

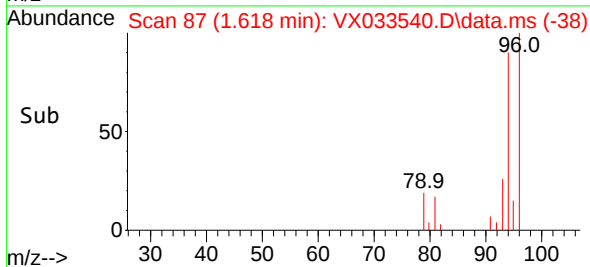
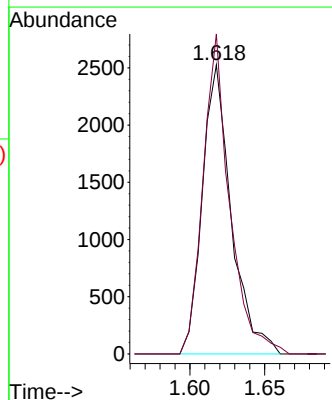
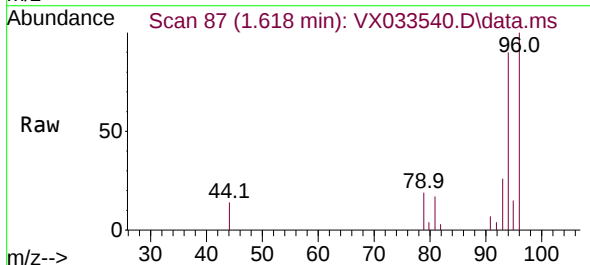
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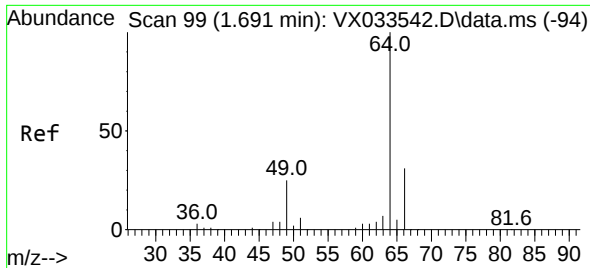
Tgt Ion: 62 Resp: 6038
 Ion Ratio Lower Upper
 62 100
 64 30.5 24.8 46.1



#6
 Bromomethane
 Concen: 4.921 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX033540.D
 Acq: 22 Dec 2022 13:18

Tgt Ion: 94 Resp: 3401
 Ion Ratio Lower Upper
 94 100
 96 110.7 68.0 126.2

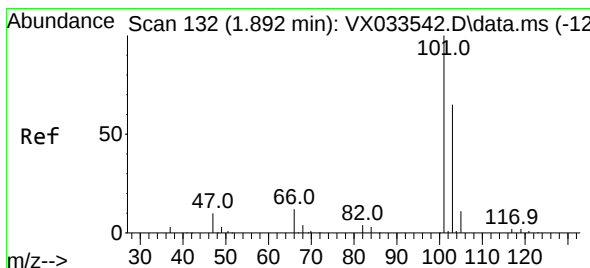
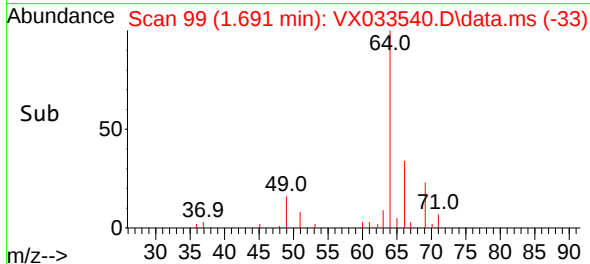
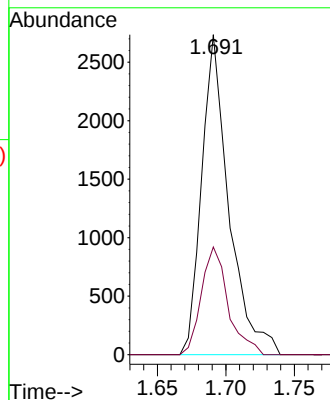
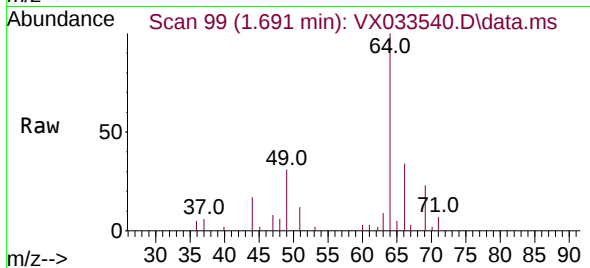




#8
Chloroethane
Concen: 4.888 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

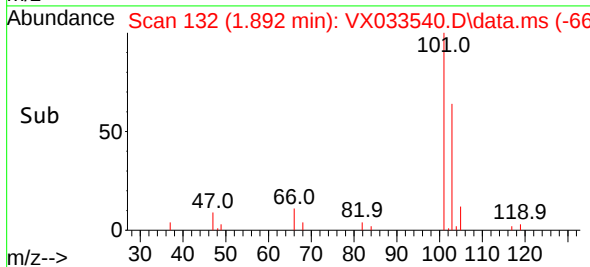
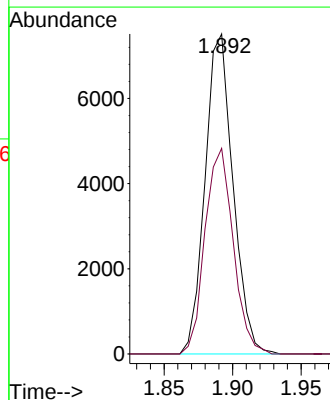
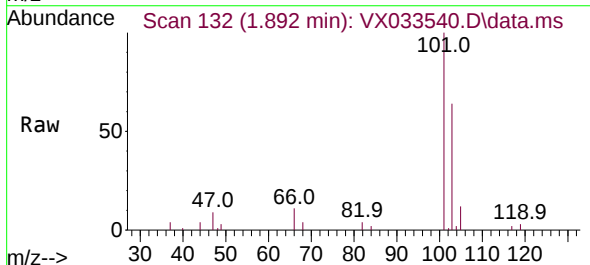
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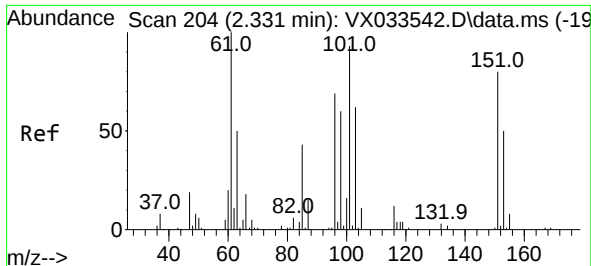
Tgt Ion: 64 Resp: 3778
Ion Ratio Lower Upper
64 100
66 33.7 21.3 39.6



#9
Trichlorofluoromethane
Concen: 5.553 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion:101 Resp: 10678
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

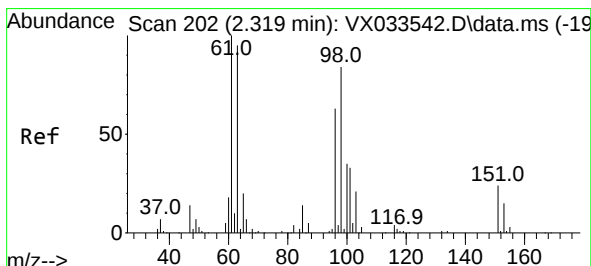
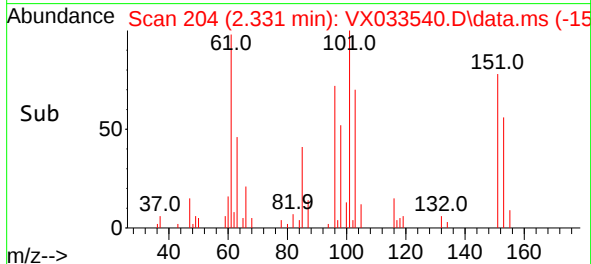
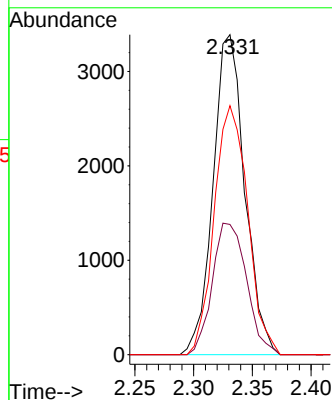
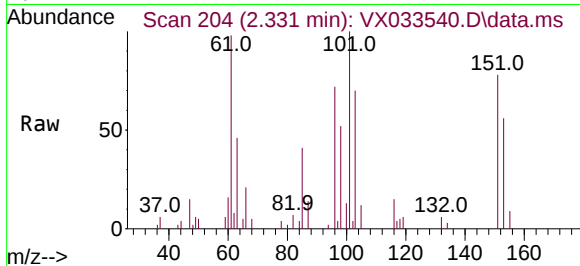




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.212 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

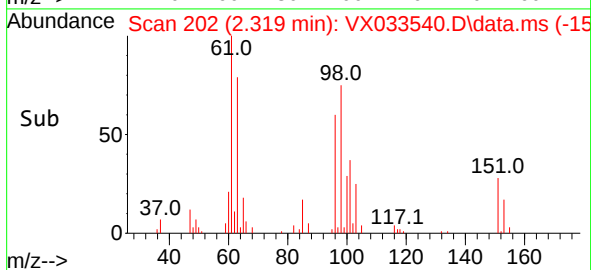
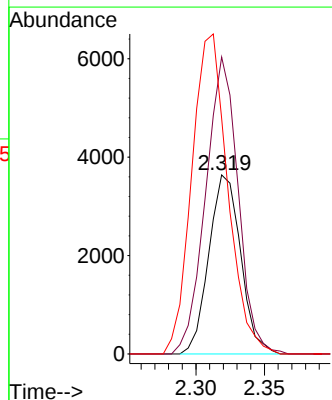
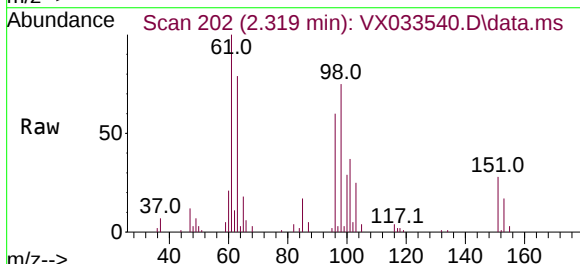
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MSVOA_X
ClientSampleId :

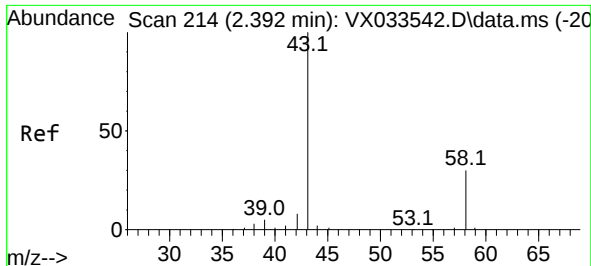
Tgt Ion:101 Resp: 6376
Ion Ratio Lower Upper
101 100
85 44.2 35.0 52.6
151 82.0 65.7 98.5



#12
1,1-Dichloroethene
Concen: 5.347 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion: 96 Resp: 5882
Ion Ratio Lower Upper
96 100
61 165.9 111.6 207.2
63 131.6 108.6 201.6





#13

Acetone

Concen: 11.309 ug/L

RT: 2.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

Instrument :

MSVOA_X

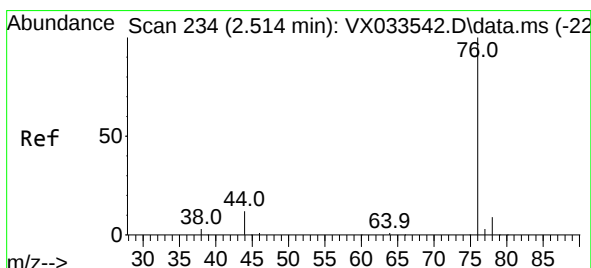
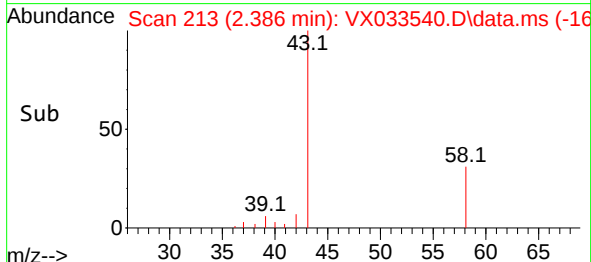
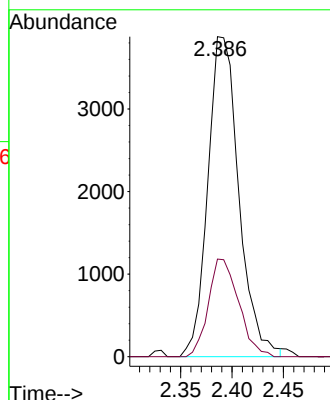
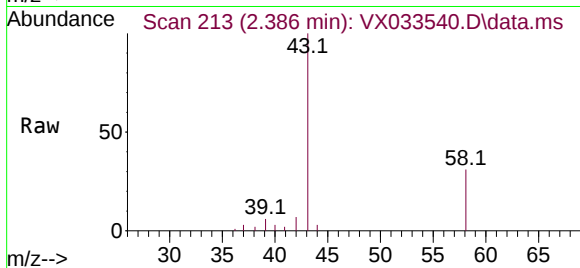
ClientSampleId :

Tgt Ion: 43 Resp: 8144

Ion Ratio Lower Upper

43 100

58 29.7 0.0 60.0



#14

Carbon disulfide

Concen: 5.010 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033540.D

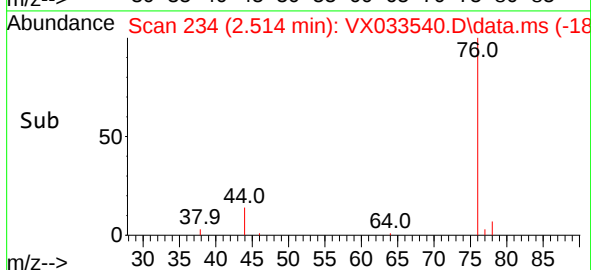
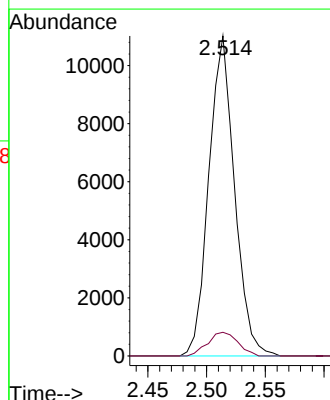
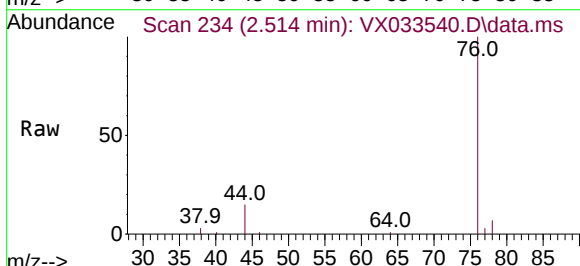
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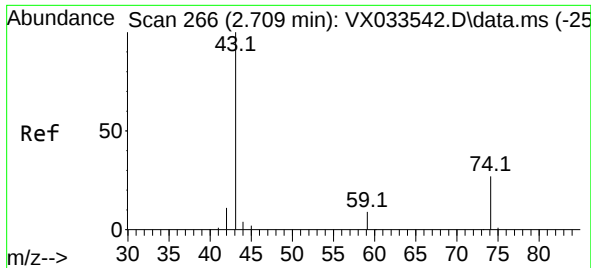
Tgt Ion: 76 Resp: 16772

Ion Ratio Lower Upper

76 100

78 7.4 7.4 11.0

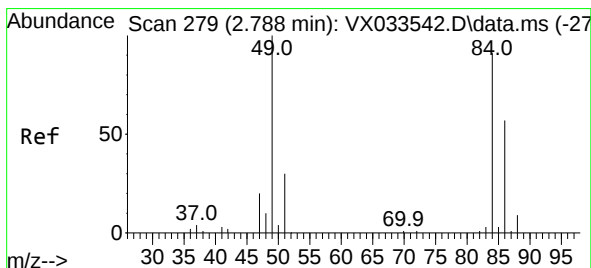
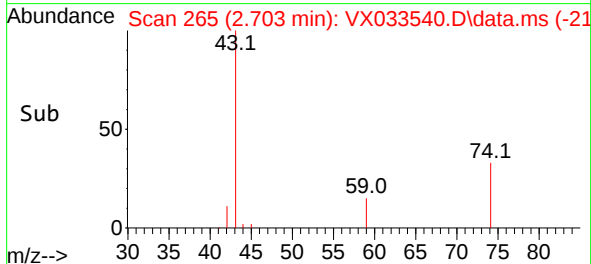
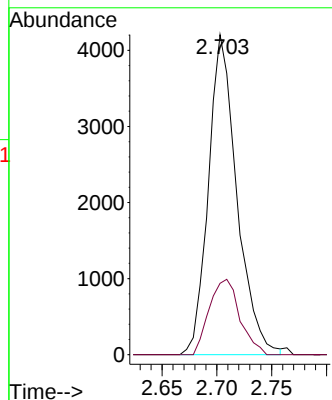
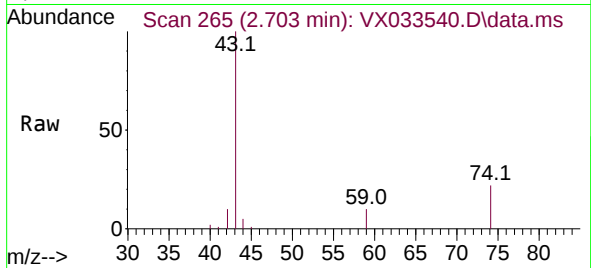




#15
Methyl Acetate
Concen: 5.274 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

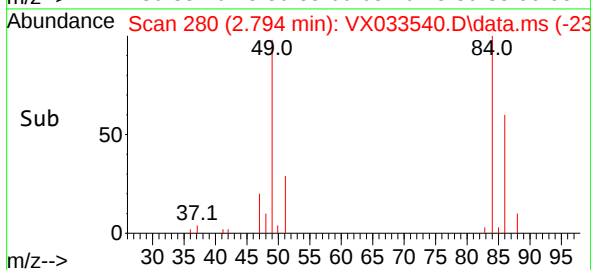
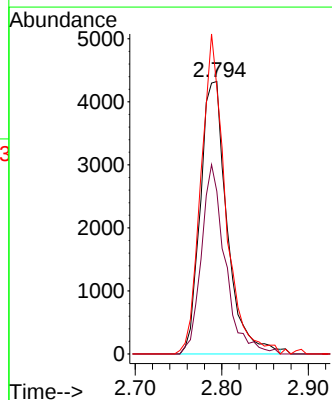
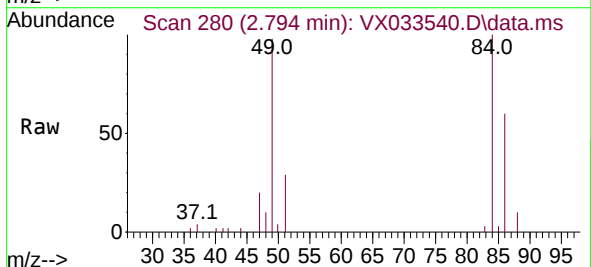
Instrument :
MSVOA_X
ClientSampleId :

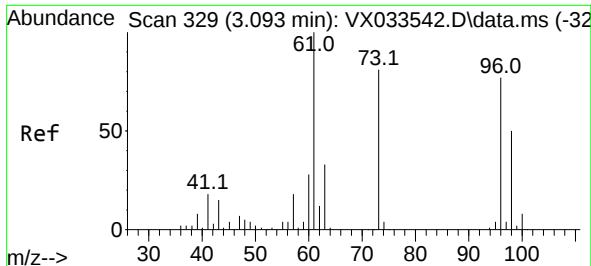
Tgt Ion: 43 Resp: 7594
Ion Ratio Lower Upper
43 100
74 25.3 21.4 32.0



#16
Methylene chloride
Concen: 5.633 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion: 84 Resp: 9276
Ion Ratio Lower Upper
84 100
86 59.6 44.0 81.6
49 97.8 77.2 143.4

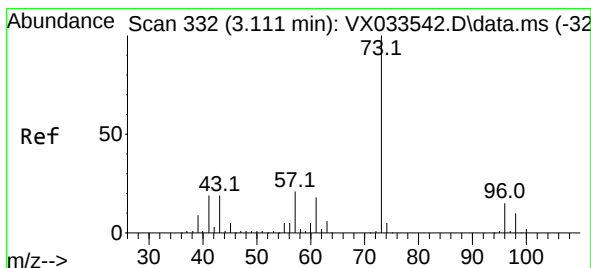
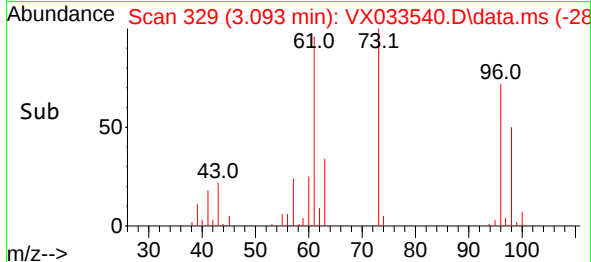
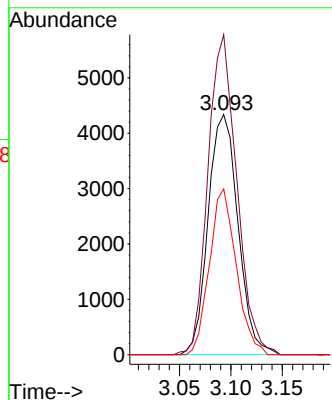
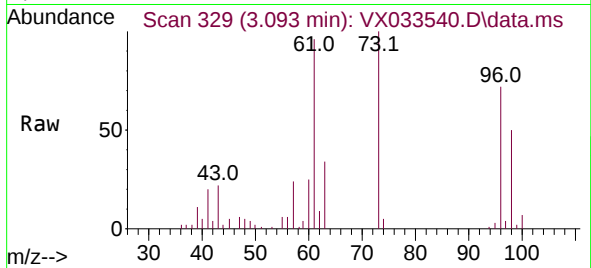




#17
trans-1,2-Dichloroethene
Concen: 5.395 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

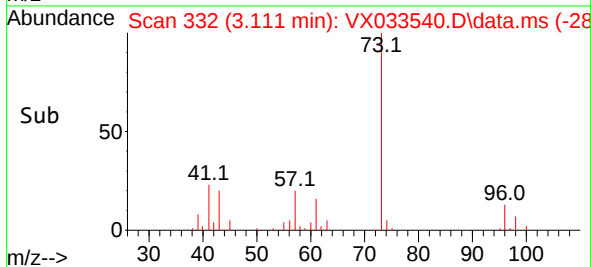
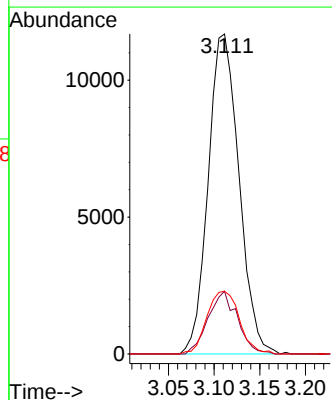
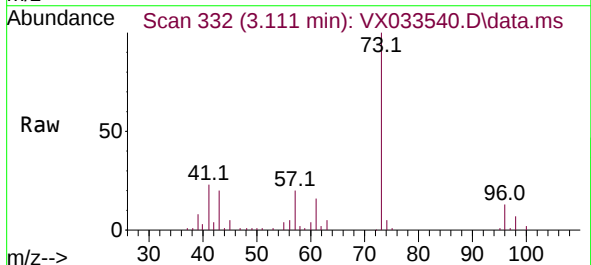
Instrument :
MSVOA_X
ClientSampleId :

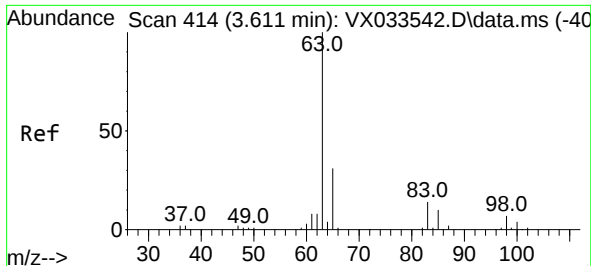
Tgt Ion: 96 Resp: 8791
Ion Ratio Lower Upper
96 100
61 133.2 90.6 168.2
98 69.0 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 5.291 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion: 73 Resp: 27327
Ion Ratio Lower Upper
73 100
43 18.6 14.7 22.1
57 20.7 16.4 24.6





#19

1,1-Dichloroethane

Concen: 5.308 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

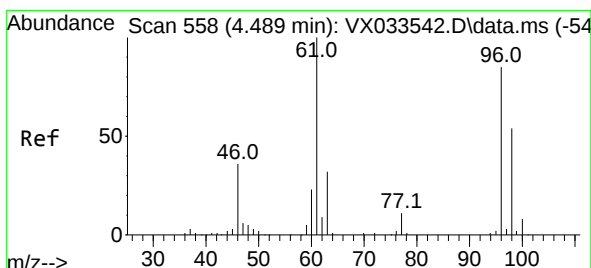
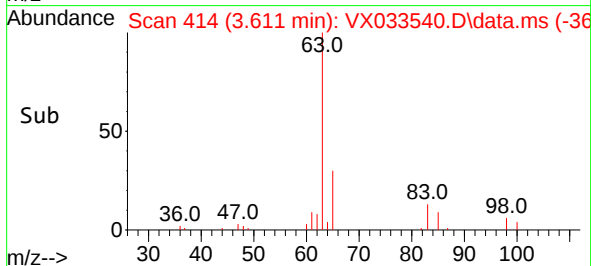
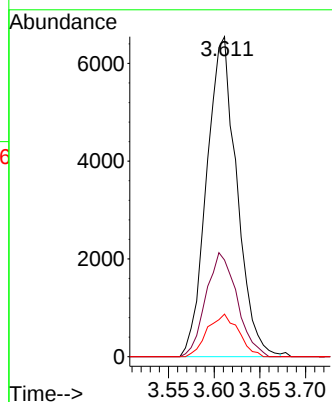
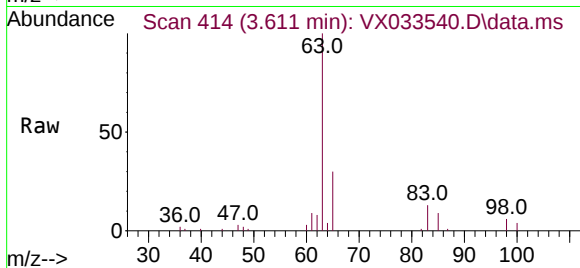
Tgt Ion: 63 Resp: 15013

Ion Ratio Lower Upper

63 100

65 30.2 21.8 40.6

83 13.3 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 5.346 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

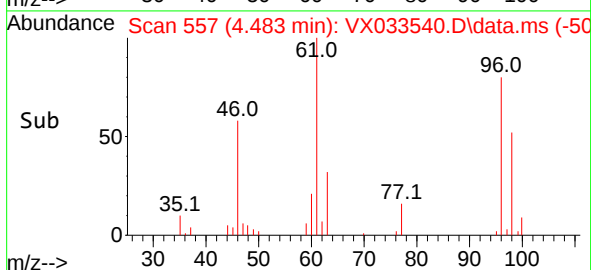
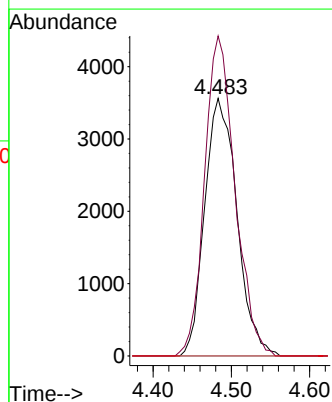
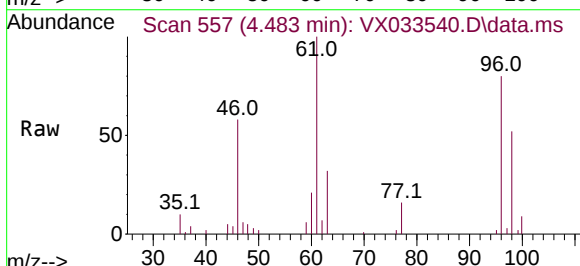
Tgt Ion: 96 Resp: 10209

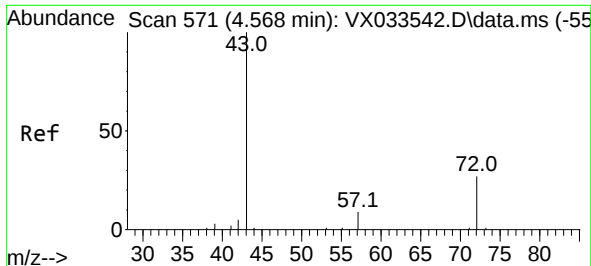
Ion Ratio Lower Upper

96 100

61 124.2 82.7 153.7

68 0.0 0.0 0.0

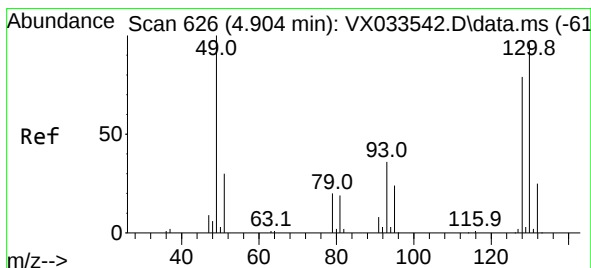
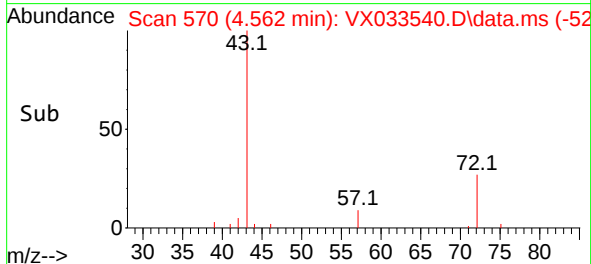
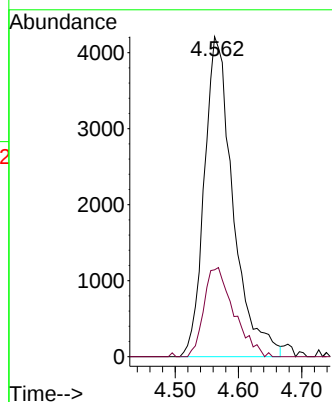
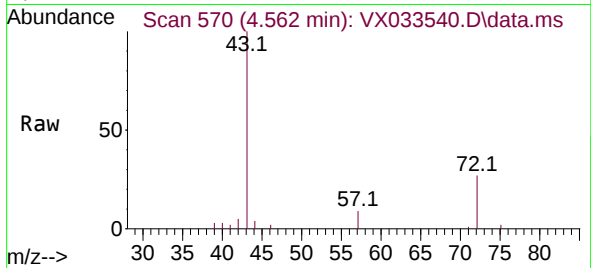




#22
2-Butanone
Concen: 11.193 ug/L
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

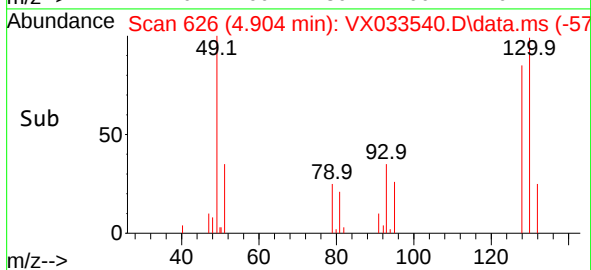
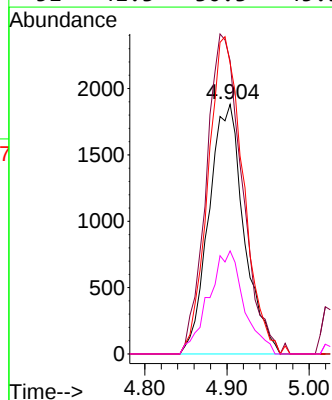
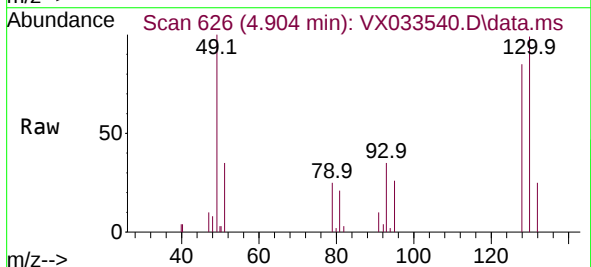
Instrument :
MSVOA_X
ClientSampleId :

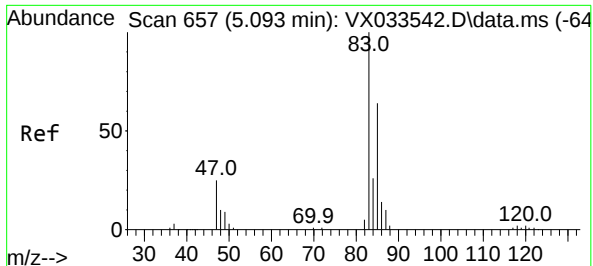
Tgt Ion: 43 Resp: 13276
Ion Ratio Lower Upper
43 100
72 28.8 14.6 44.0



#23
Bromochloromethane
Concen: 5.473 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion:128 Resp: 5595
Ion Ratio Lower Upper
128 100
49 117.4 89.2 165.8
130 116.5 85.8 159.3
51 41.3 30.3 45.5





#25

Chloroform

Concen: 5.358 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

Instrument :

MSVOA_X

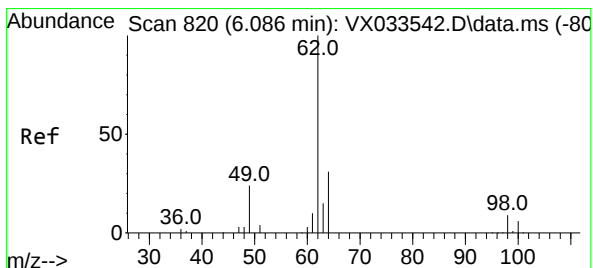
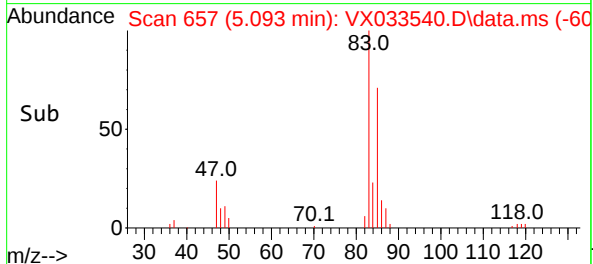
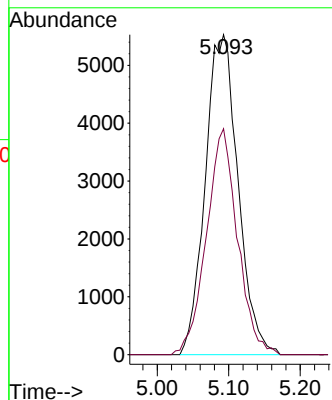
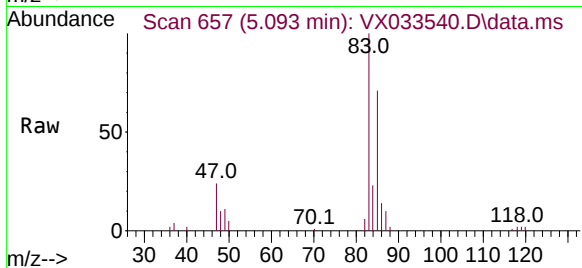
ClientSampleId :

Tgt Ion: 83 Resp: 17608

Ion Ratio Lower Upper

83 100

85 70.6 44.9 83.3



#27

1,2-Dichloroethane

Concen: 5.489 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX033540.D

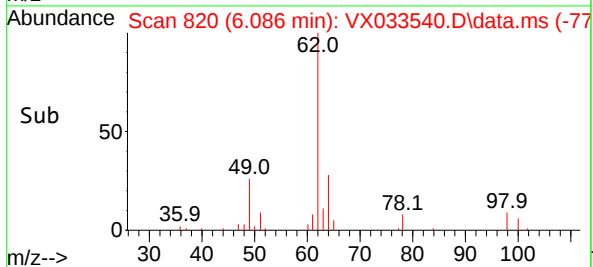
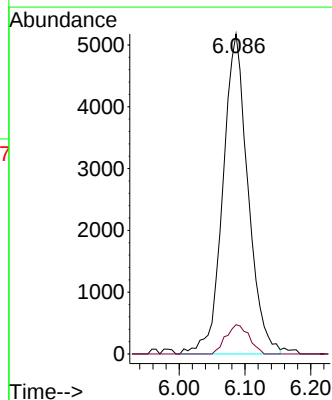
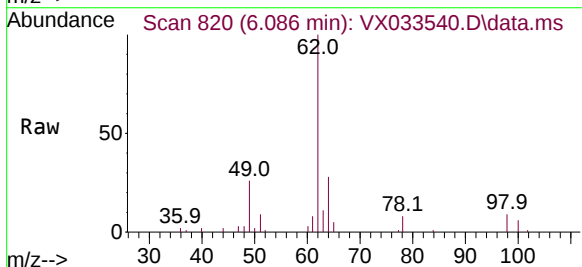
Acq: 22 Dec 2022 13:18

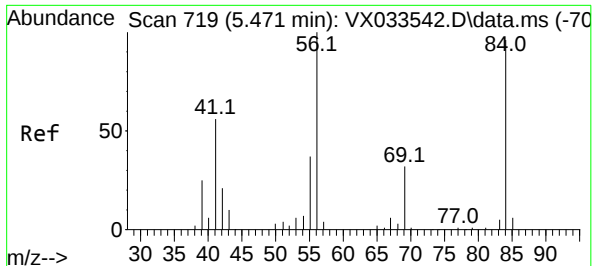
Tgt Ion: 62 Resp: 13760

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 5.428 ug/L

RT: 5.465 min Scan# 719

Delta R.T. -0.006 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

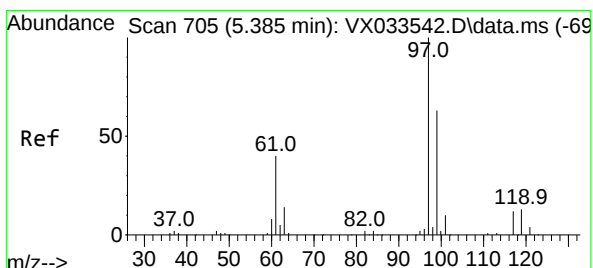
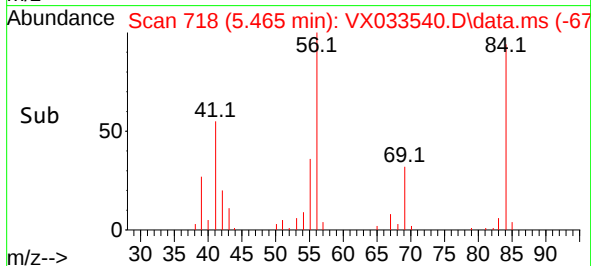
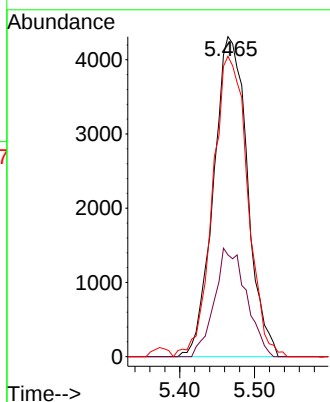
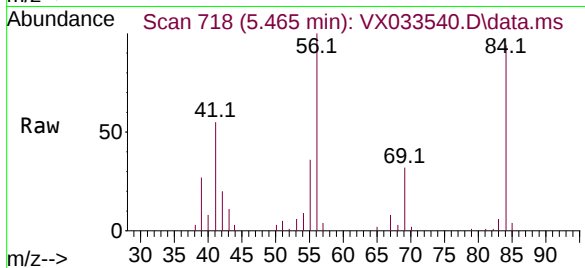
Tgt Ion: 56 Resp: 13582

Ion Ratio Lower Upper

56 100

69 19.0 26.3 39.5#

84 95.4 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 5.389 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.012 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

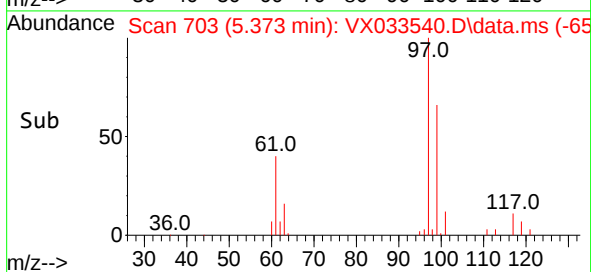
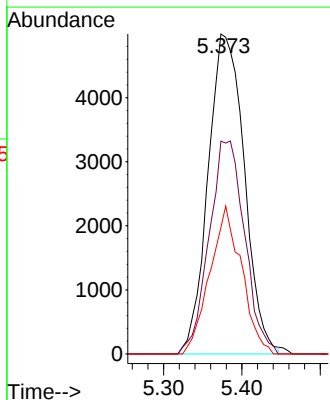
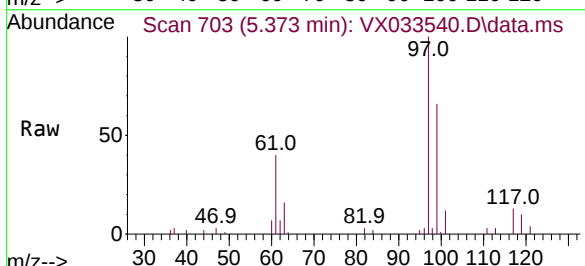
Tgt Ion: 97 Resp: 16047

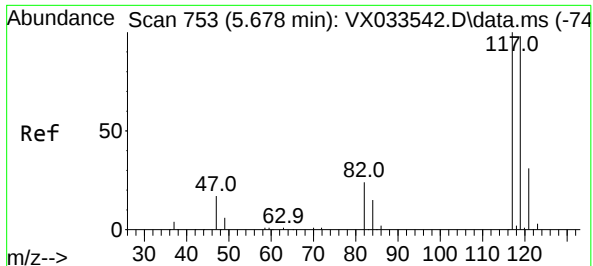
Ion Ratio Lower Upper

97 100

99 65.4 51.3 76.9

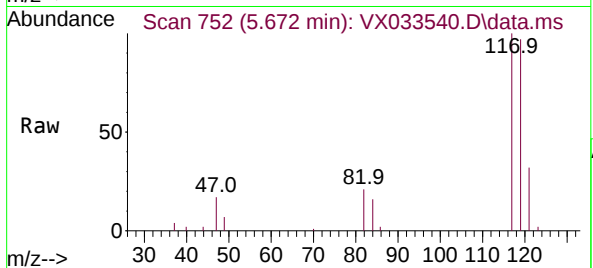
61 40.5 32.4 48.6



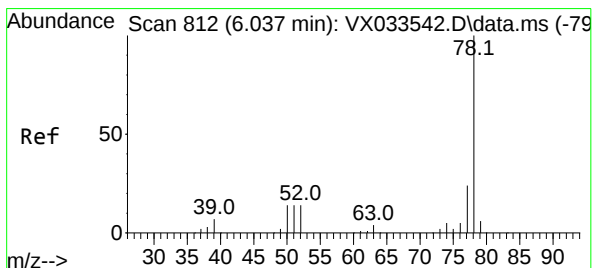
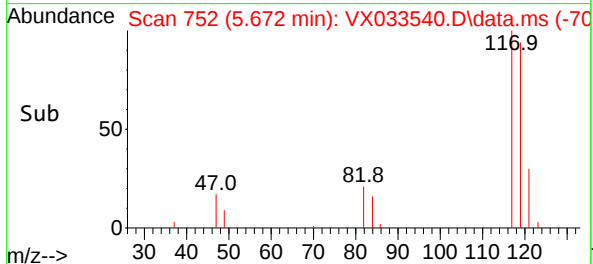
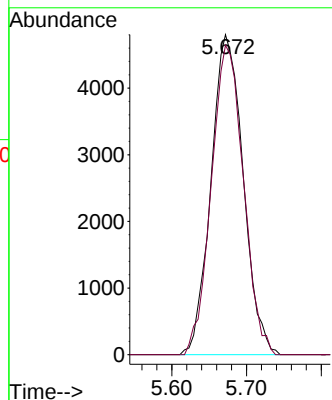


#31
Carbon tetrachloride
Concen: 5.438 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :

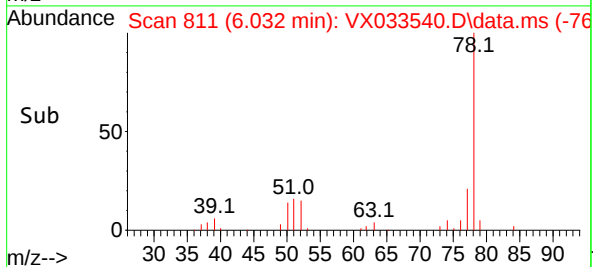
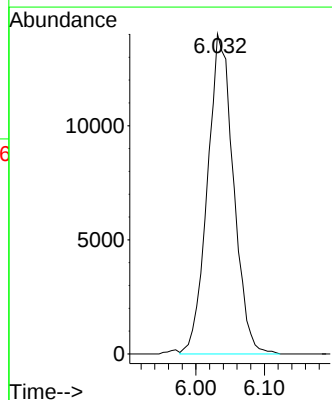
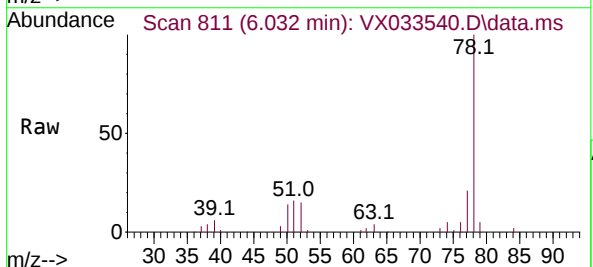


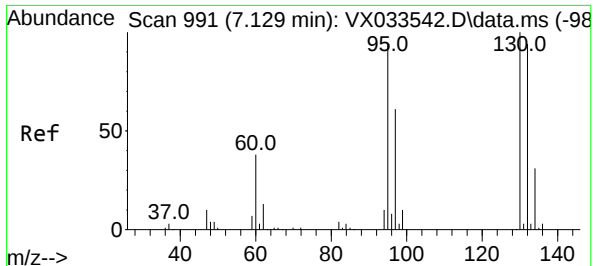
Tgt Ion:117 Resp: 14371
Ion Ratio Lower Upper
117 100
119 96.5 77.9 116.9



#33
Benzene
Concen: 5.435 ug/L
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

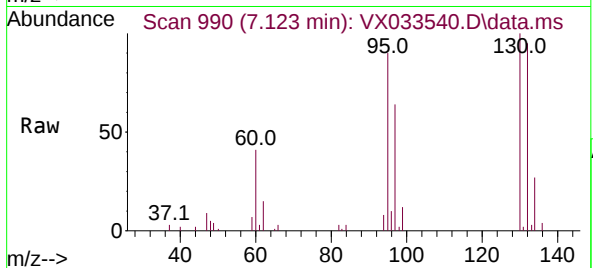
Tgt Ion: 78 Resp: 36980





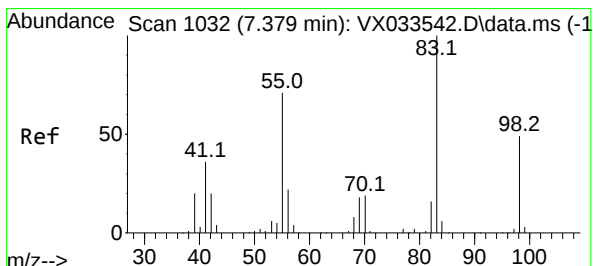
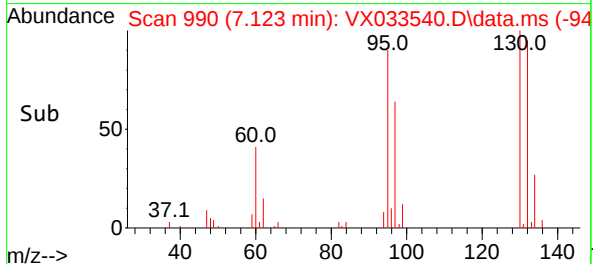
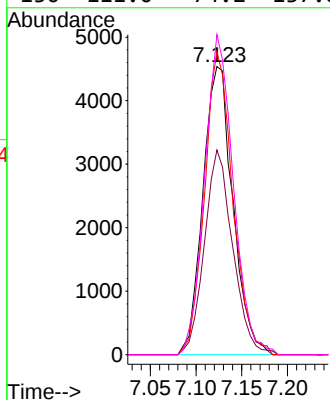
#34
Trichloroethene
Concen: 5.444 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 10330

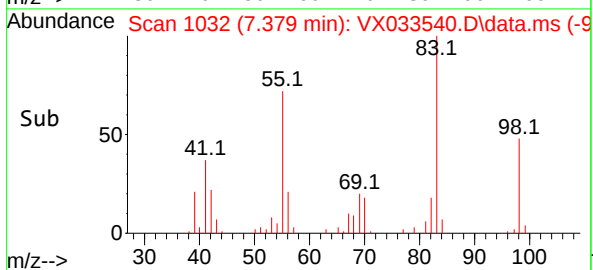
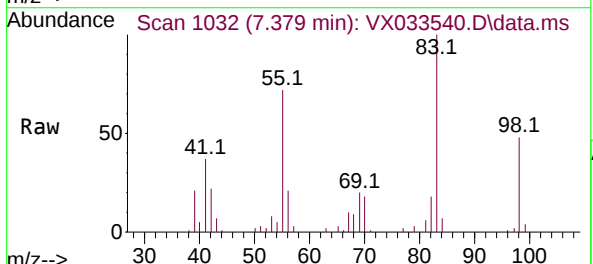
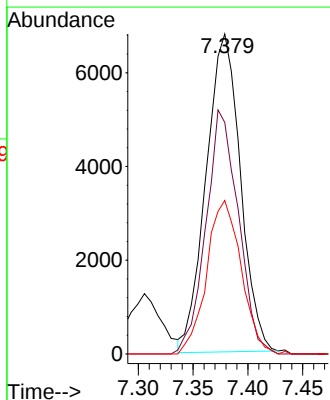
Ion	Ratio	Lower	Upper
95	100		
97	71.0	44.9	83.3
132	105.0	69.5	129.1
130	111.0	74.2	137.8

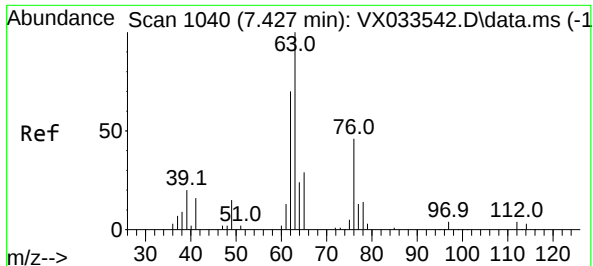


#35
Methylcyclohexane
Concen: 5.313 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion: 83 Resp: 14775

Ion	Ratio	Lower	Upper
83	100		
55	72.5	55.6	83.4
98	48.5	38.6	57.8





#37

1,2-Dichloropropane

Concen: 5.386 ug/L

RT: 7.422 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

Instrument :

MSVOA_X

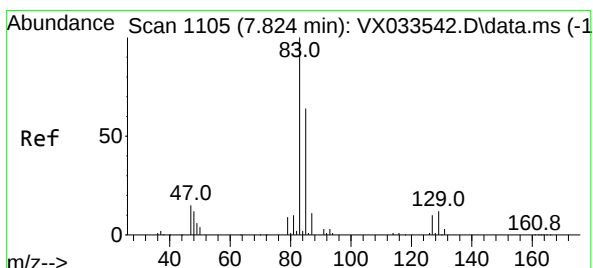
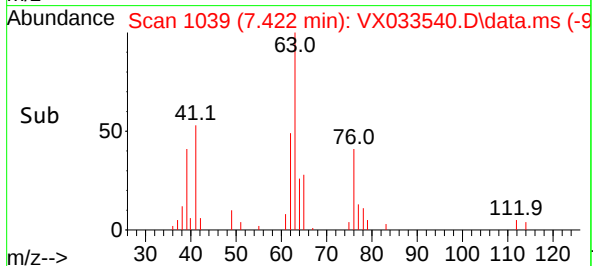
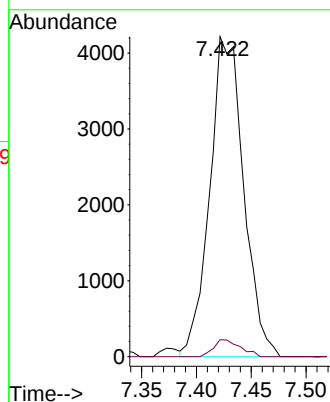
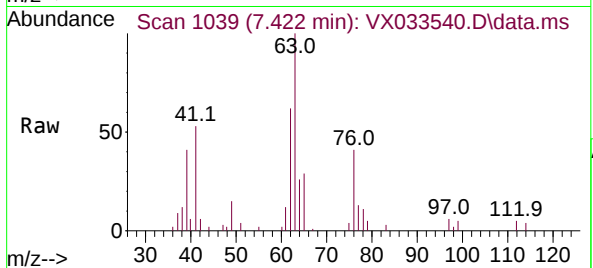
ClientSampleId :

Tgt Ion: 63 Resp: 9037

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.8



#38

Bromodichloromethane

Concen: 5.383 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

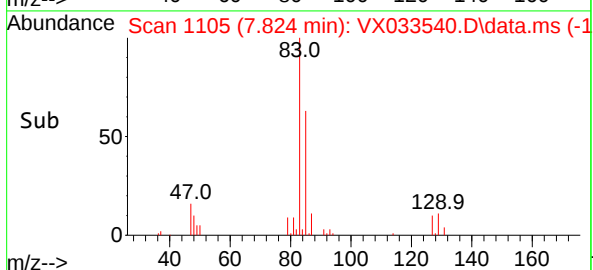
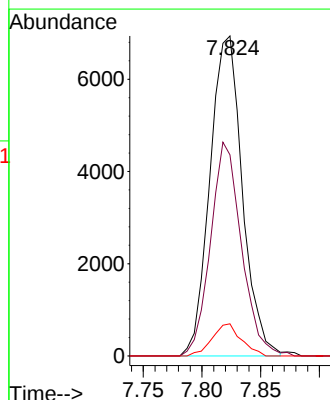
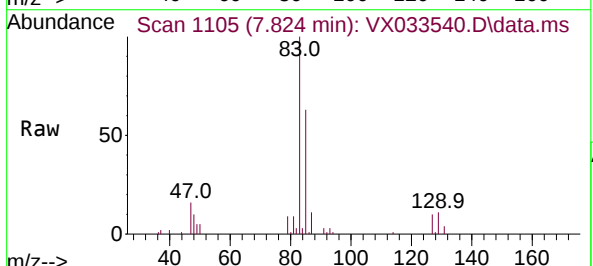
Tgt Ion: 83 Resp: 13329

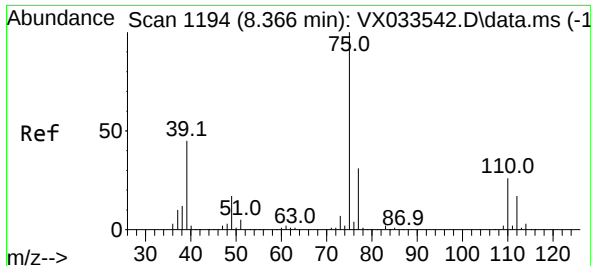
Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.9

127 10.1 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 5.221 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

Instrument :

MSVOA_X

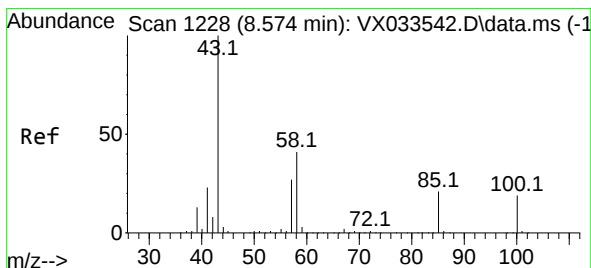
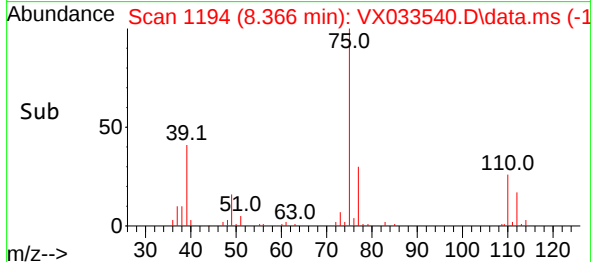
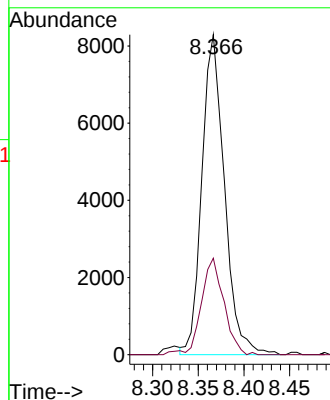
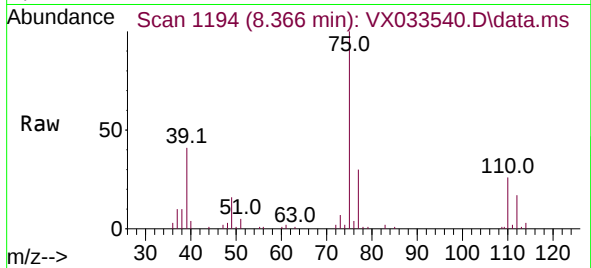
ClientSampleId :

Tgt Ion: 75 Resp: 14235

Ion Ratio Lower Upper

75 100

77 30.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 10.643 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

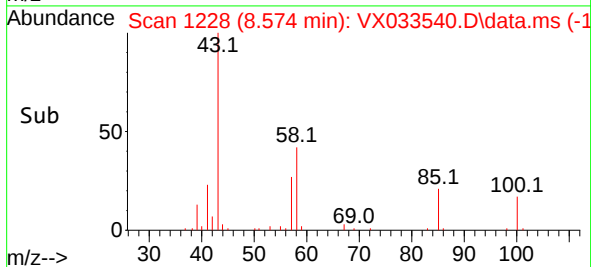
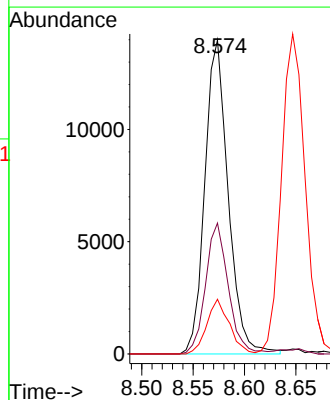
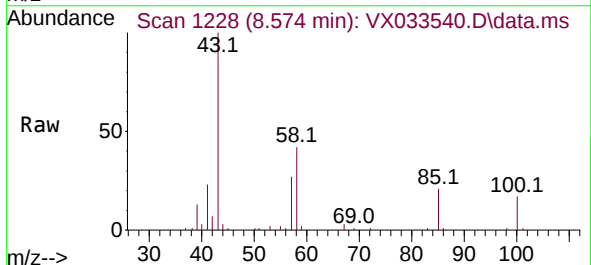
Tgt Ion: 43 Resp: 22116

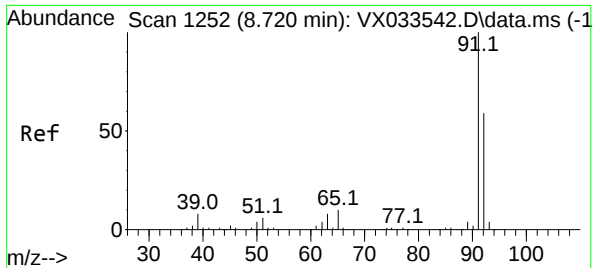
Ion Ratio Lower Upper

43 100

58 40.5 32.9 49.3

100 16.9 14.9 22.3





#42

Toluene

Concen: 5.474 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

Instrument :

MSVOA_X

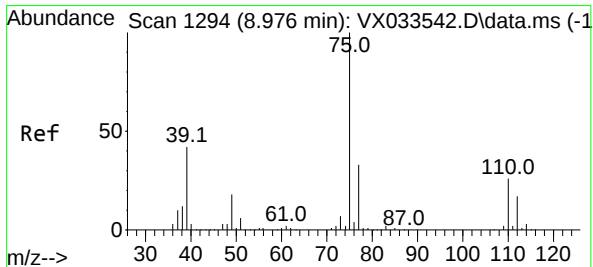
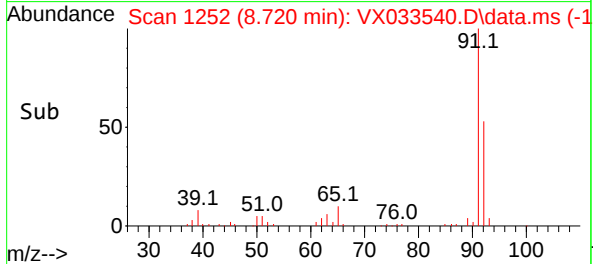
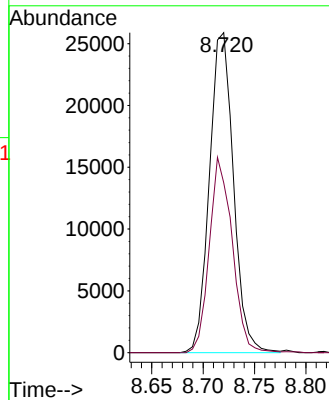
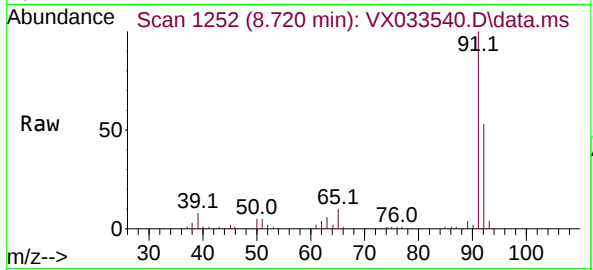
ClientSampleId :

Tgt Ion: 91 Resp: 42097

Ion Ratio Lower Upper

91 100

92 53.1 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 4.934 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033540.D

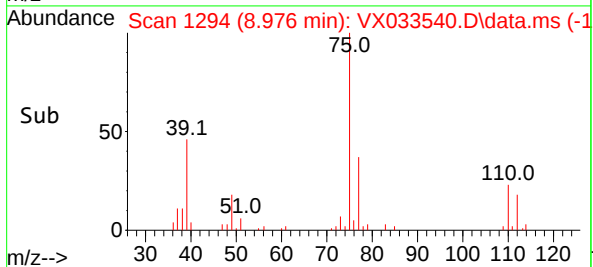
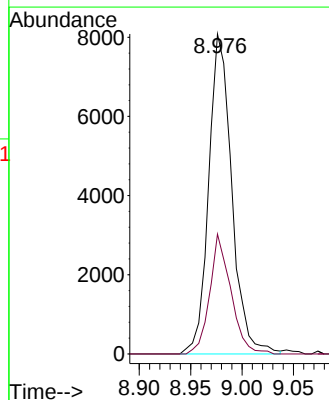
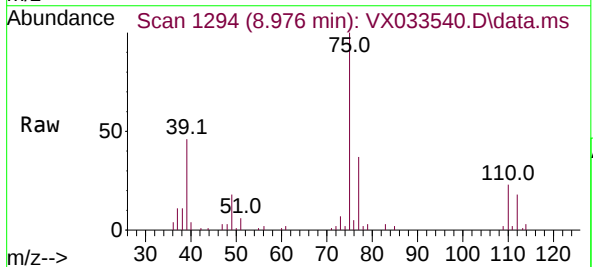
Acq: 22 Dec 2022 13:18

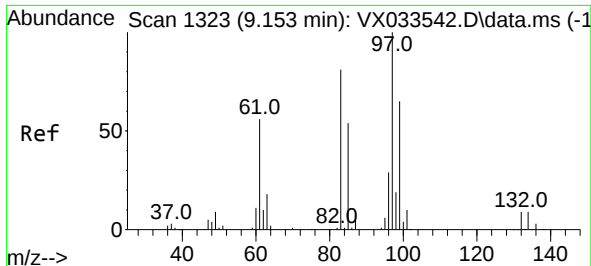
Tgt Ion: 75 Resp: 12630

Ion Ratio Lower Upper

75 100

77 37.5 22.8 42.4

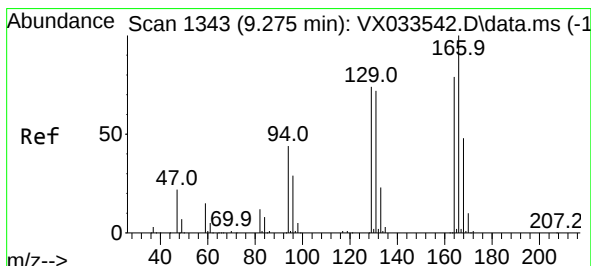
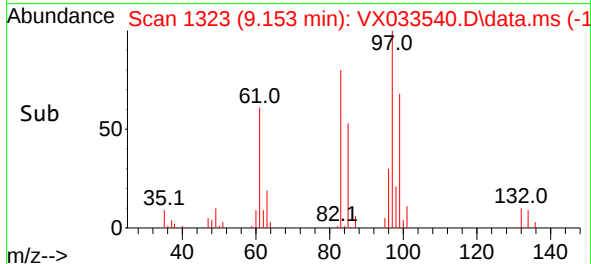
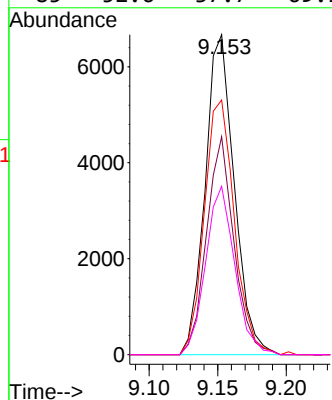
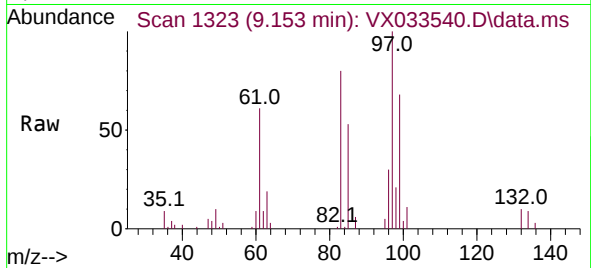




#45
1,1,2-Trichloroethane
Concen: 5.429 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

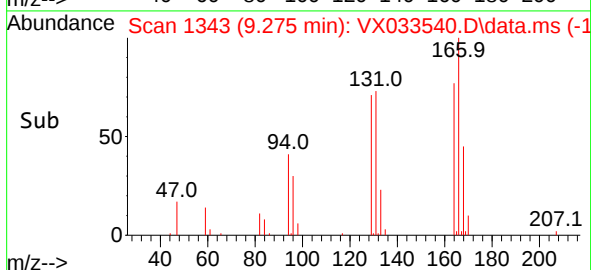
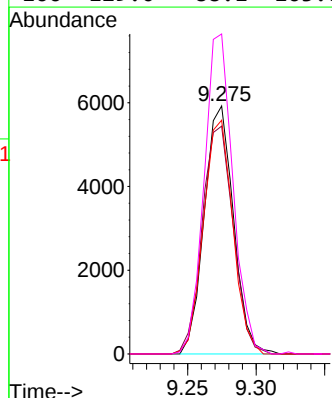
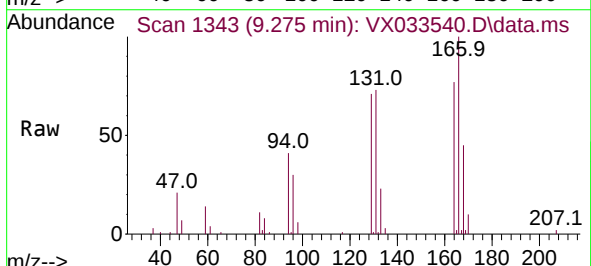
Instrument :
MSVOA_X
ClientSampleId :

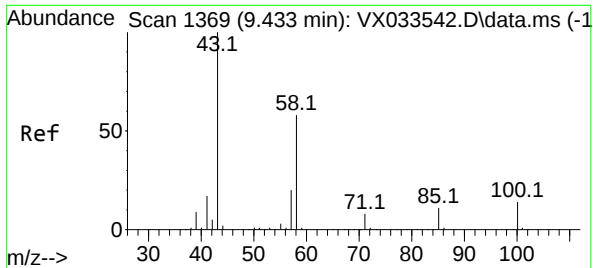
Tgt Ion:	97	Resp:	9861
Ion	Ratio	Lower	Upper
97	100		
99	68.1	45.4	84.2
83	79.6	57.0	105.9
85	52.6	37.7	69.9



#46
Tetrachloroethene
Concen: 5.486 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion:	164	Resp:	8785
Ion	Ratio	Lower	Upper
164	100		
129	91.9	65.6	121.8
131	94.2	63.5	117.9
166	129.0	88.1	163.7

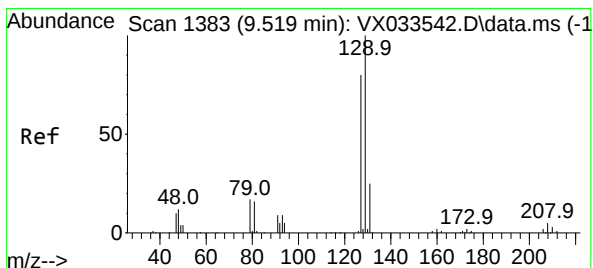
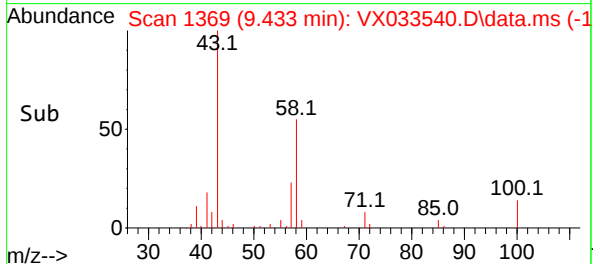
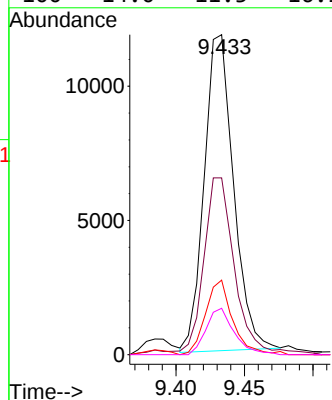
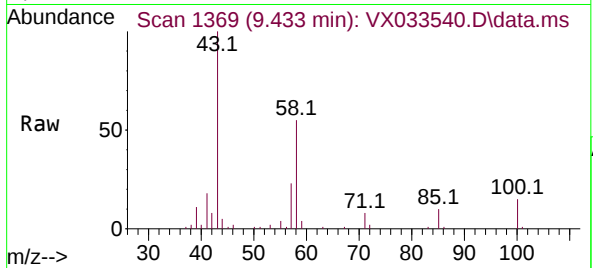




#48
2-Hexanone
Concen: 10.652 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

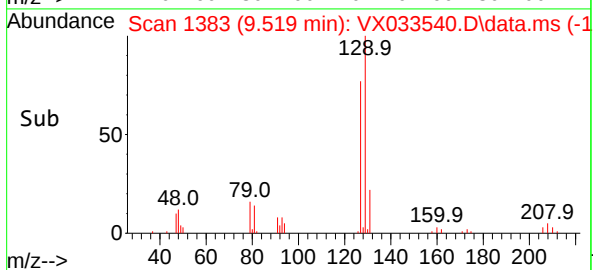
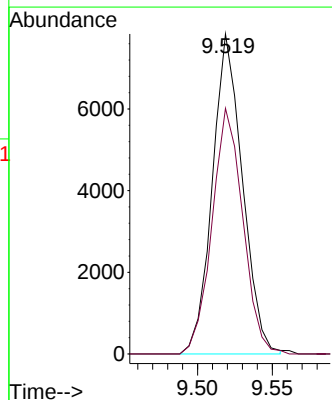
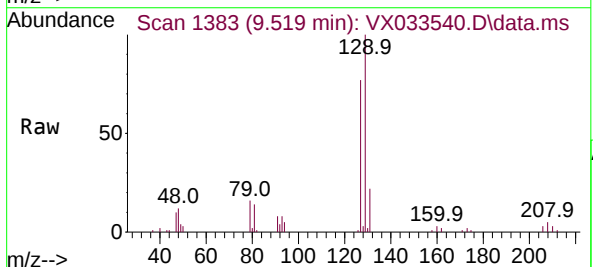
Instrument :
MSVOA_X
ClientSampleId :

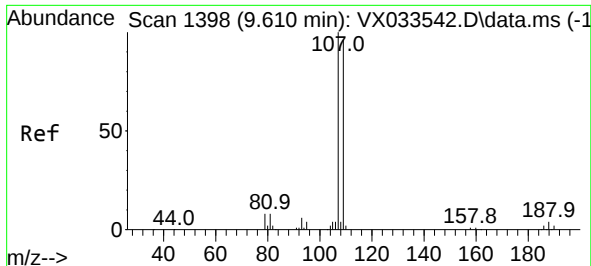
Tgt Ion:	43	Resp:	17581
Ion	Ratio	Lower	Upper
43	100		
58	58.8	44.6	66.8
57	21.6	16.4	24.6
100	14.0	11.3	16.9



#49
Dibromochloromethane
Concen: 5.168 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion:	129	Resp:	10962
Ion	Ratio	Lower	Upper
129	100		
127	76.8	55.8	103.6

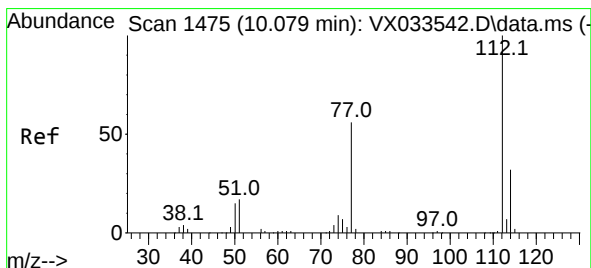
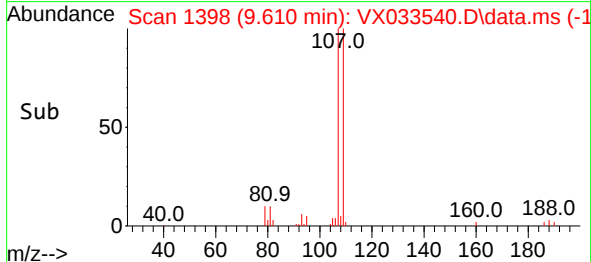
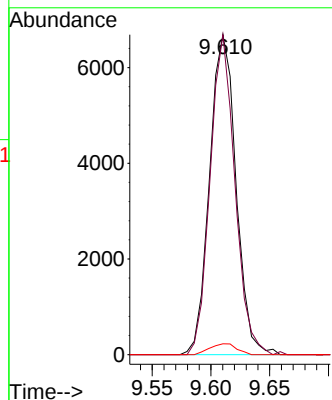
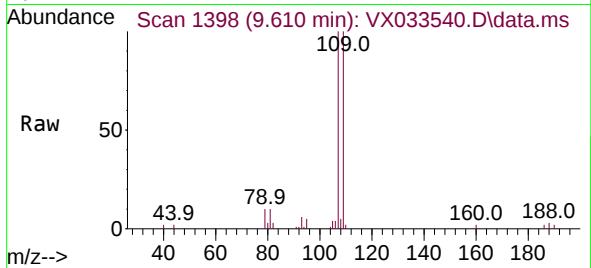




#50
1,2-Dibromoethane
Concen: 5.338 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

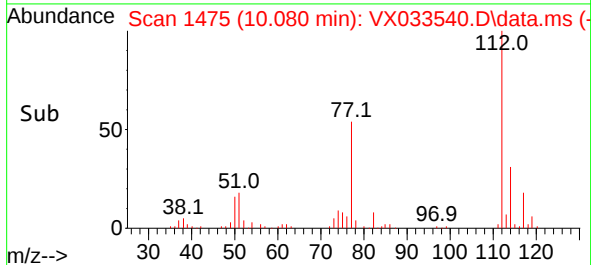
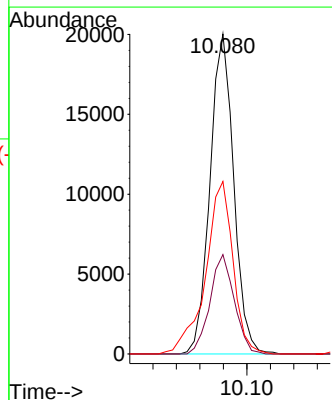
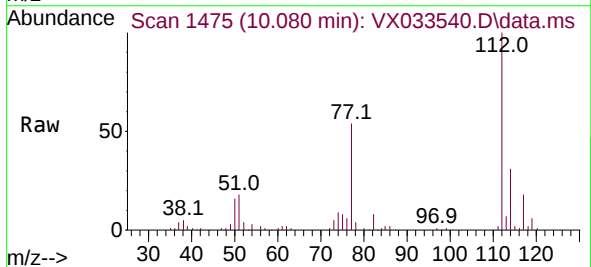
Instrument :
MSVOA_X
ClientSampleId :

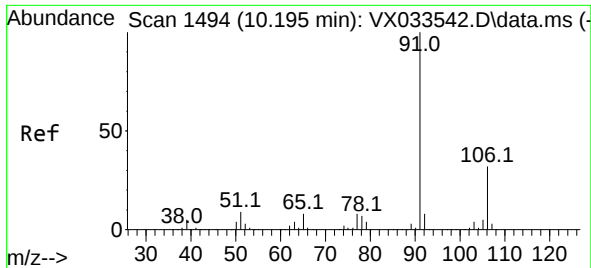
Tgt Ion:107 Resp: 10466
Ion Ratio Lower Upper
107 100
109 100.0 67.5 125.3
188 3.4 3.0 4.4



#51
Chlorobenzene
Concen: 5.498 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion:112 Resp: 28058
Ion Ratio Lower Upper
112 100
114 31.1 22.1 41.1
77 53.9 45.0 67.4

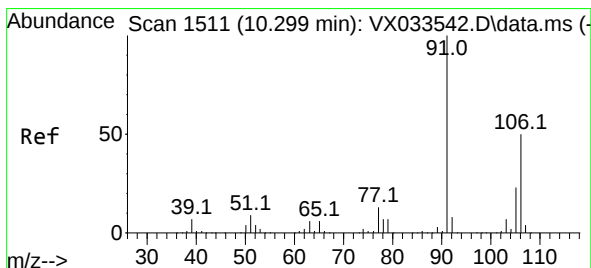
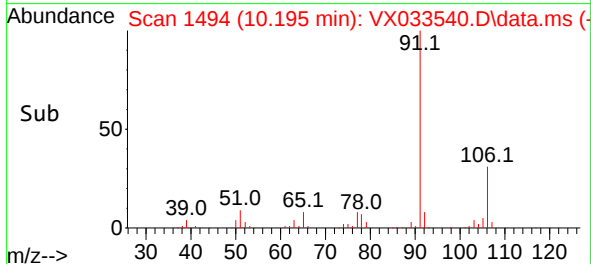
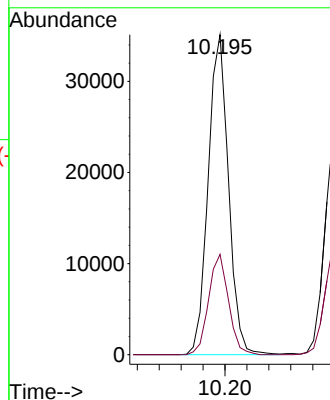
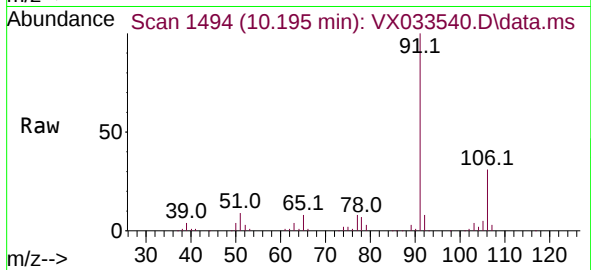




#52
Ethylbenzene
Concen: 5.364 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

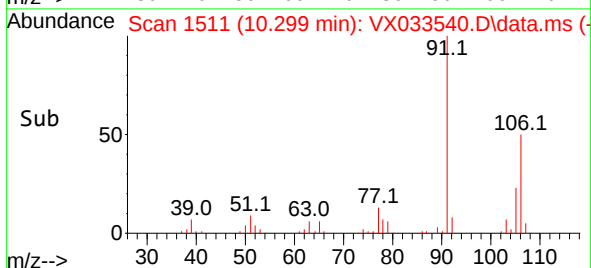
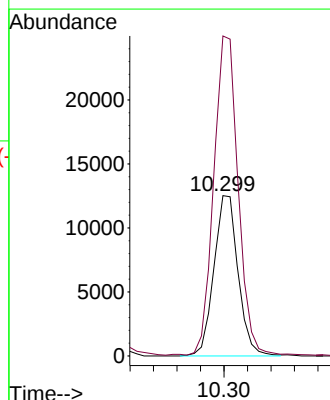
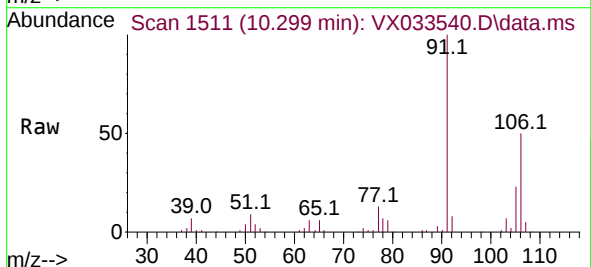
Instrument :
MSVOA_X
ClientSampleId :

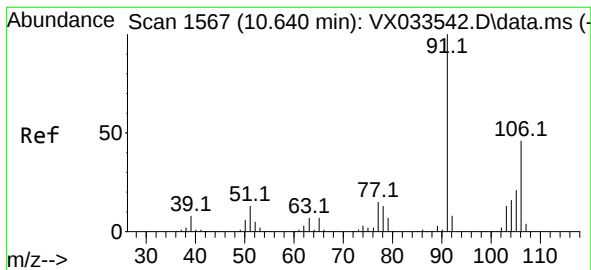
Tgt Ion: 91 Resp: 45192
Ion Ratio Lower Upper
91 100
106 31.3 22.5 41.7



#53
m,p-Xylene
Concen: 5.327 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion: 106 Resp: 17903
Ion Ratio Lower Upper
106 100
91 199.5 140.4 260.8





#54

o-Xylene

Concen: 5.297 ug/L

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

Instrument :

MSVOA_X

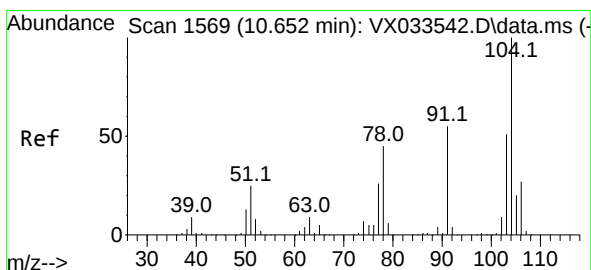
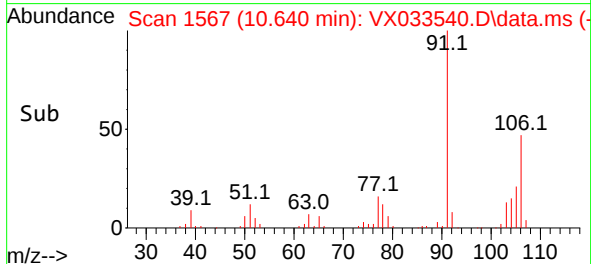
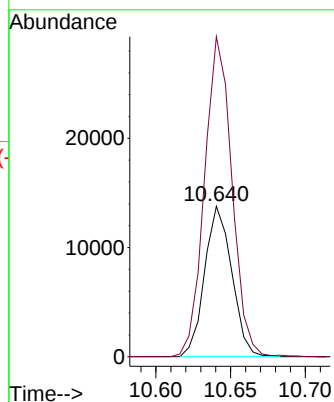
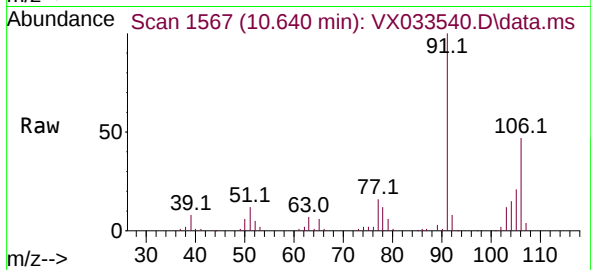
ClientSampleId :

Tgt Ion:106 Resp: 17410

Ion Ratio Lower Upper

106 100

91 212.8 150.6 279.6



#55

Styrene

Concen: 5.156 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX033540.D

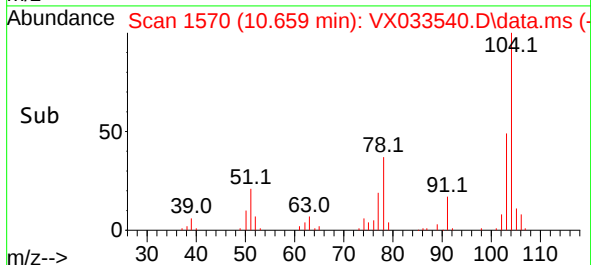
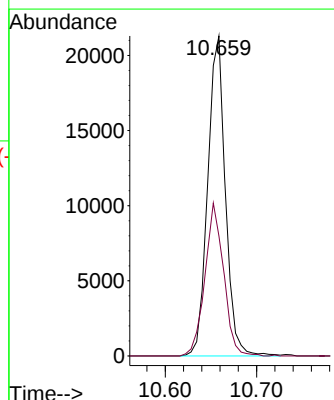
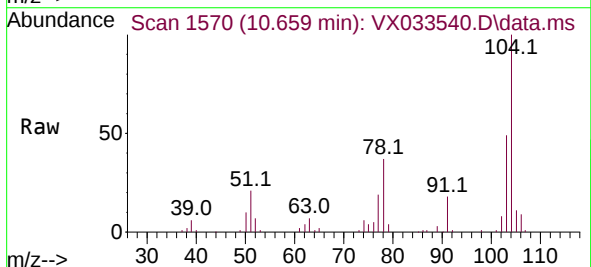
Acq: 22 Dec 2022 13:18

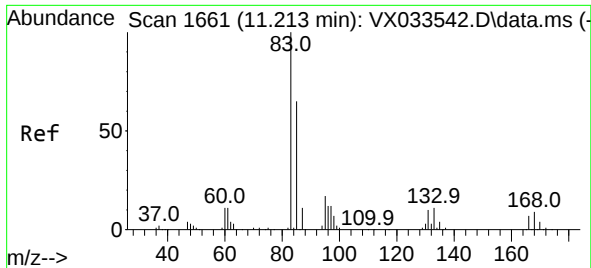
Tgt Ion:104 Resp: 28558

Ion Ratio Lower Upper

104 100

78 37.5 31.7 58.9

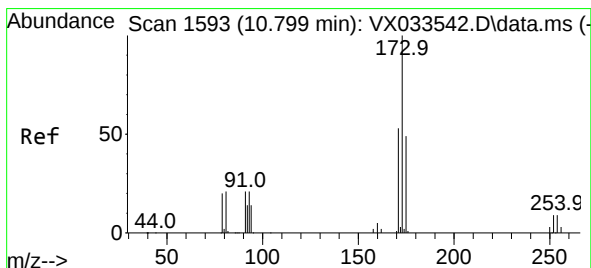
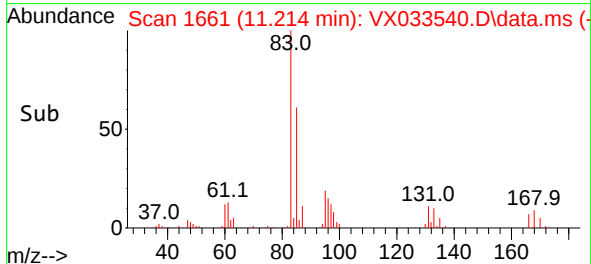
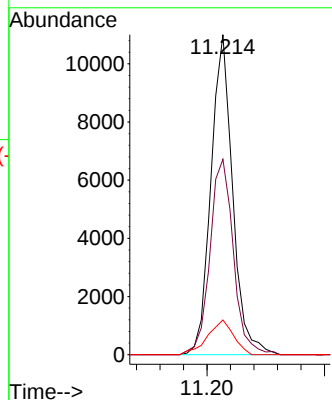
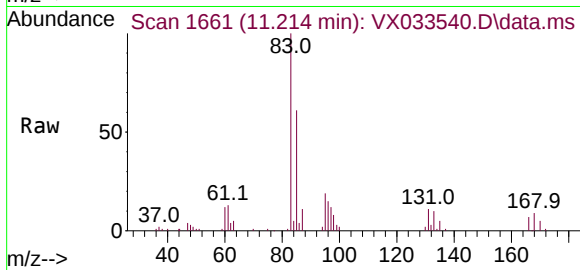




#57
1,1,2,2-Tetrachloroethane
Concen: 5.314 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

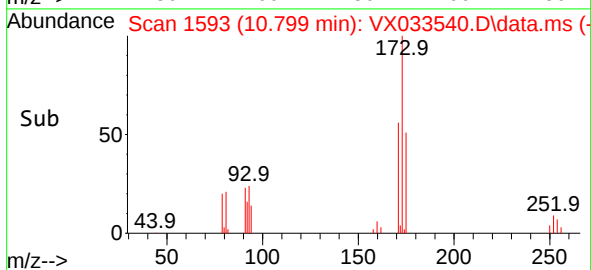
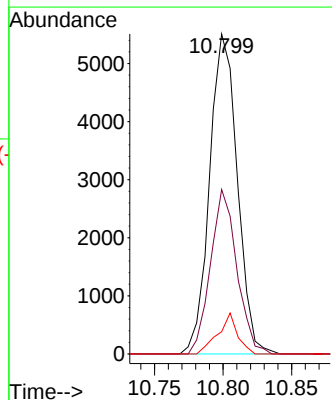
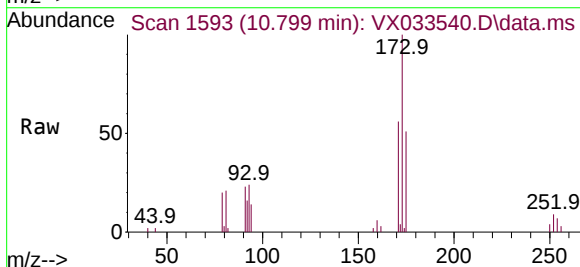
Instrument :
MSVOA_X
ClientSampleId :

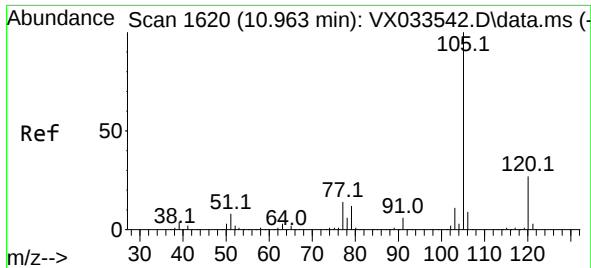
Tgt Ion:	83	Resp:	14115
Ion	Ratio	Lower	Upper
83	100		
85	61.0	45.6	84.8
131	10.9	8.4	12.6



#59
Bromoform
Concen: 5.218 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion:	173	Resp:	7747
Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.9	58.3
254	9.0	7.2	10.8

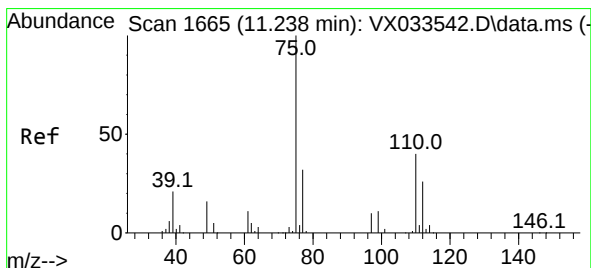
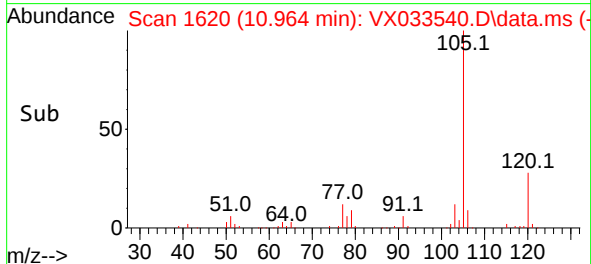
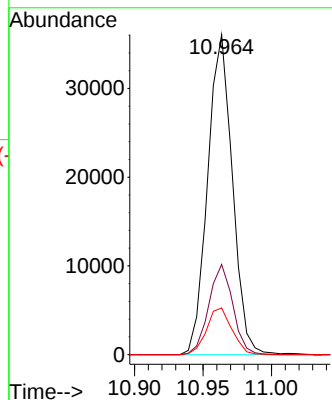
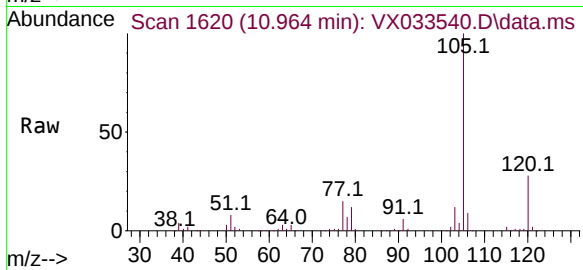




#60
Isopropylbenzene
Concen: 5.374 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

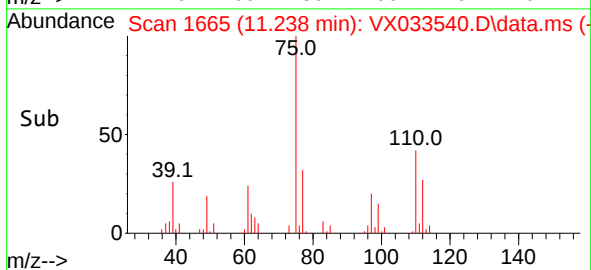
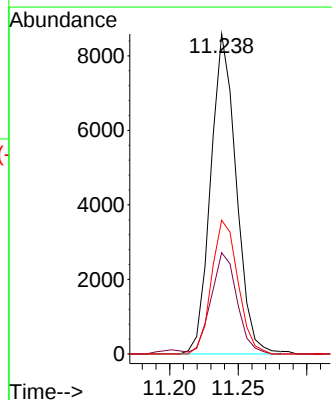
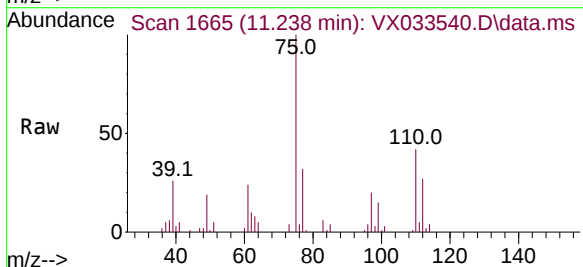
Instrument :
MSVOA_X
ClientSampleId :

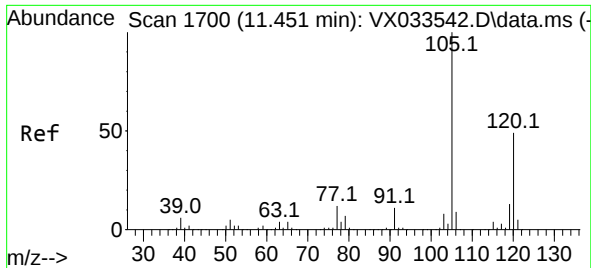
Tgt Ion:105 Resp: 45307
Ion Ratio Lower Upper
105 100
120 27.4 21.6 32.4
77 15.0 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 5.538 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion: 75 Resp: 11122
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 43.2 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 5.259 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

Instrument :

MSVOA_X

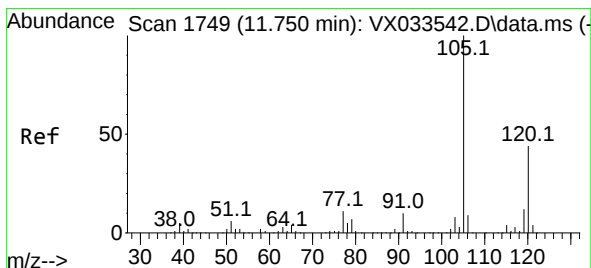
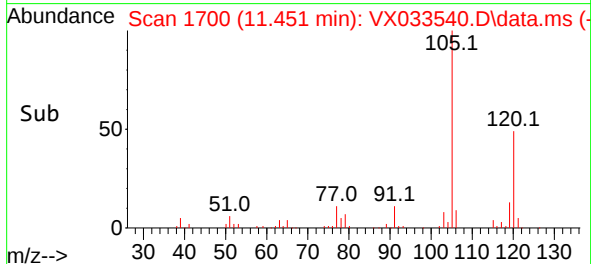
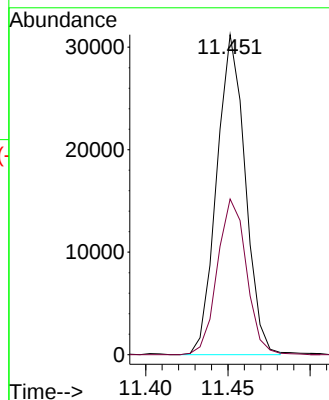
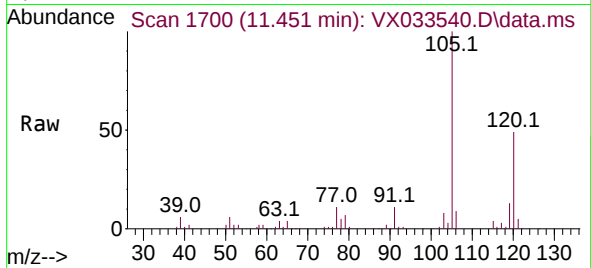
ClientSampleId :

Tgt Ion:105 Resp: 37663

Ion Ratio Lower Upper

105 100

120 49.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 5.297 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033540.D

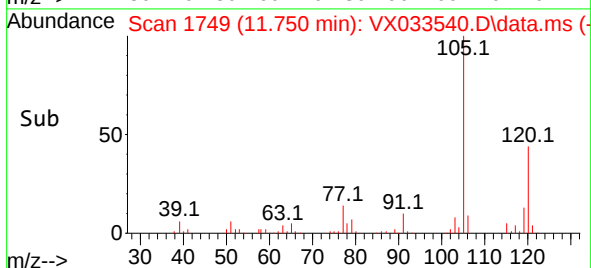
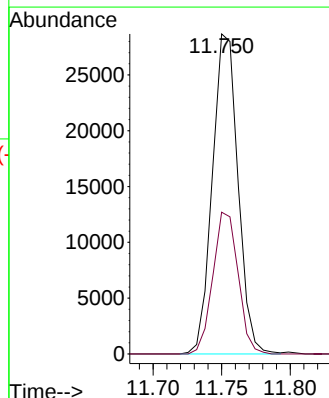
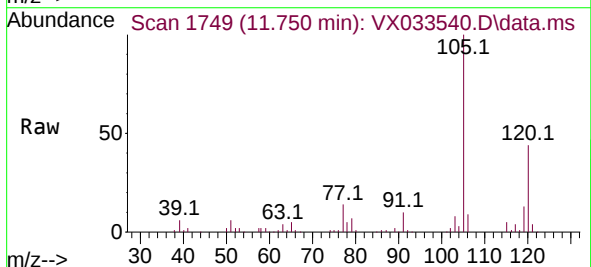
Acq: 22 Dec 2022 13:18

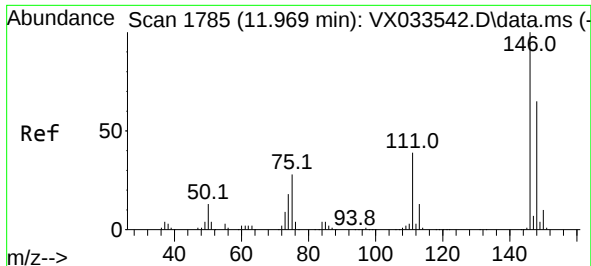
Tgt Ion:105 Resp: 37294

Ion Ratio Lower Upper

105 100

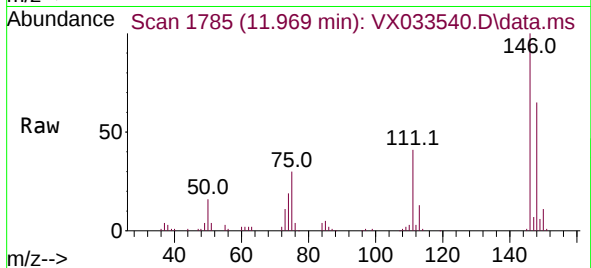
120 43.6 35.8 53.6



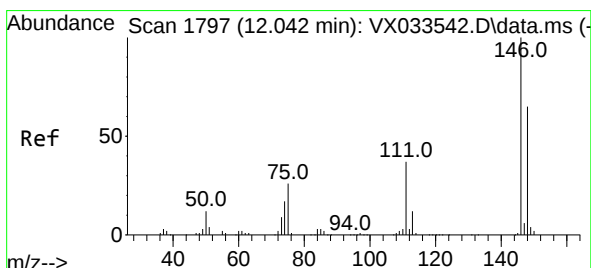
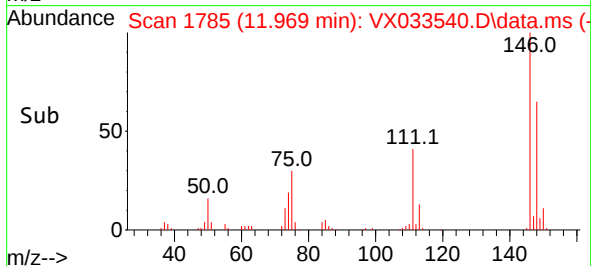
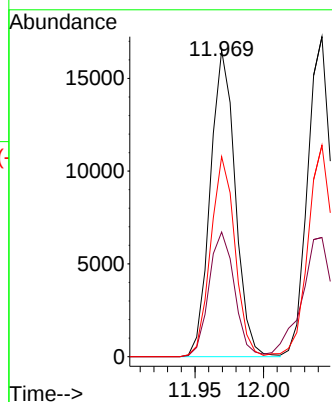


#64
1,3-Dichlorobenzene
Concen: 5.426 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :

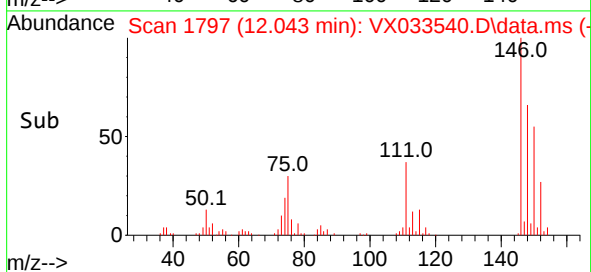
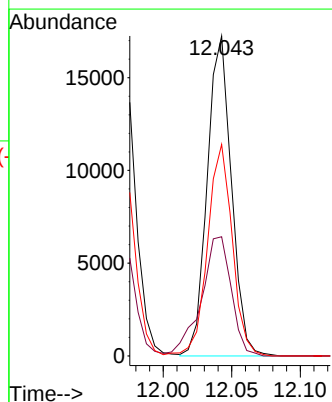
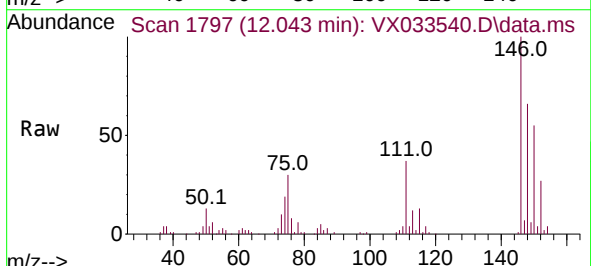


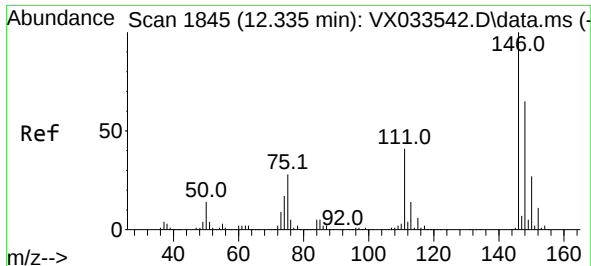
Tgt Ion:146 Resp: 20896
Ion Ratio Lower Upper
146 100
111 40.7 27.6 51.2
148 65.3 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 5.446 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion:146 Resp: 21215
Ion Ratio Lower Upper
146 100
111 37.3 25.8 47.8
148 66.1 45.8 85.0

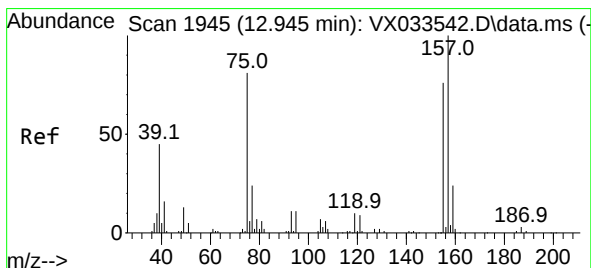
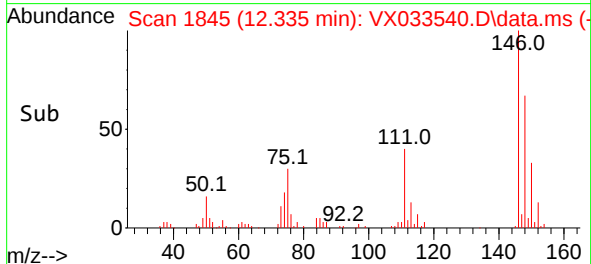
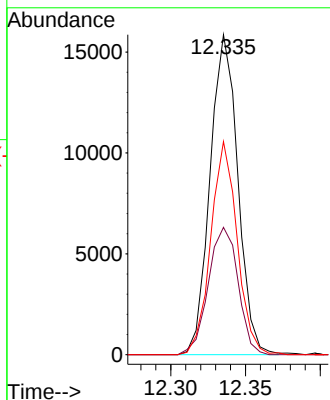
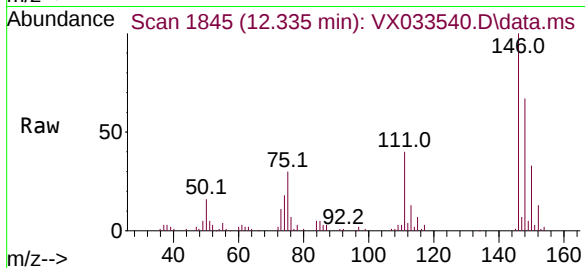




#67
1,2-Dichlorobenzene
Concen: 5.394 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

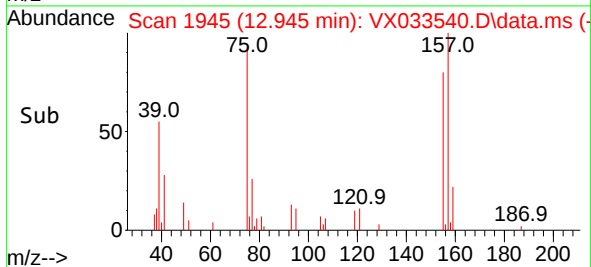
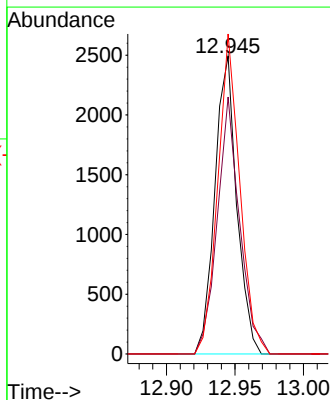
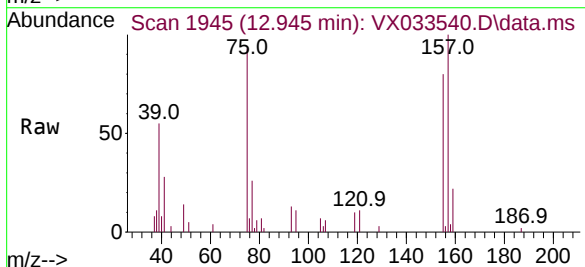
Instrument :
MSVOA_X
ClientSampleId :

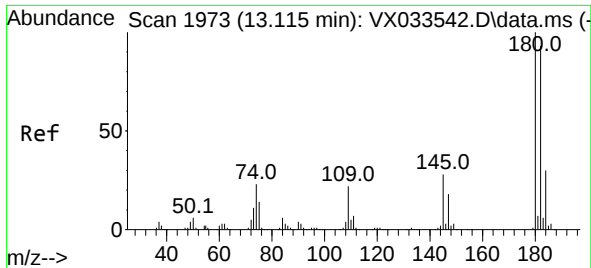
Tgt Ion:146 Resp: 20500
Ion Ratio Lower Upper
146 100
111 39.8 33.2 49.8
148 66.6 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.127 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion: 75 Resp: 2768
Ion Ratio Lower Upper
75 100
155 86.2 75.4 113.2
157 107.4 98.7 148.1





#69

1,3,5-Trichlorobenzene

Concen: 5.299 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

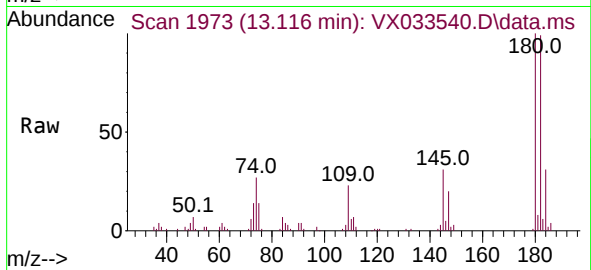
Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 13654

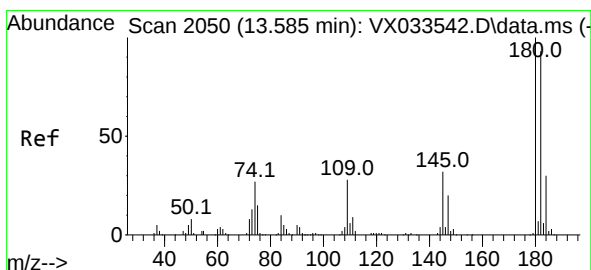
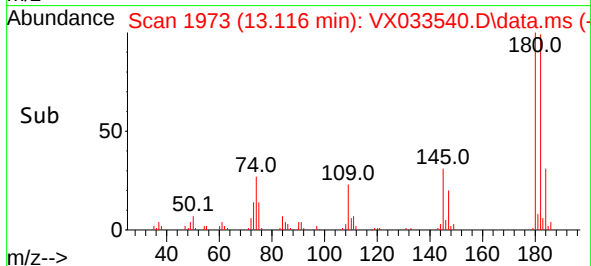
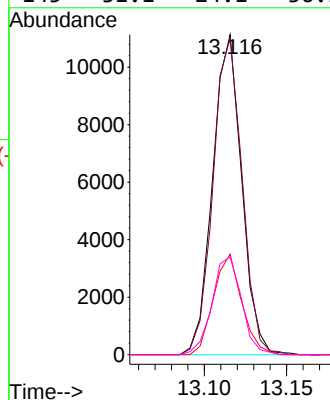
Ion Ratio Lower Upper

180 100

182 99.0 75.0 112.6

184 30.6 24.0 36.0

145 31.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.283 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033540.D

Acq: 22 Dec 2022 13:18

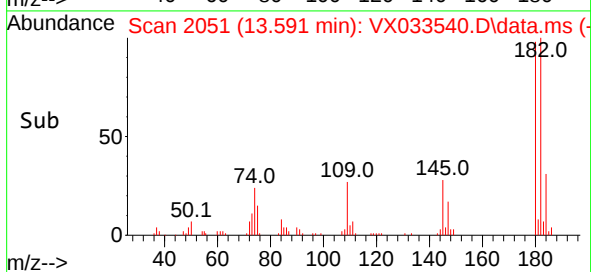
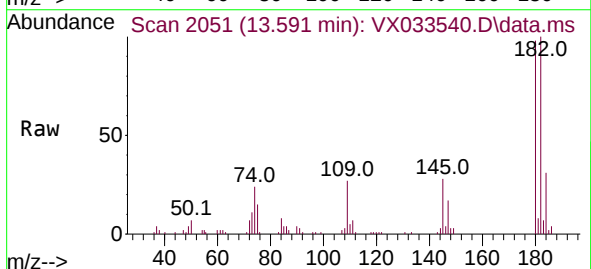
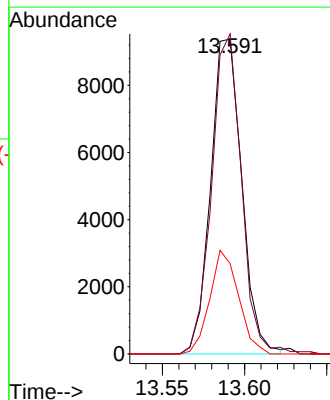
Tgt Ion:180 Resp: 12330

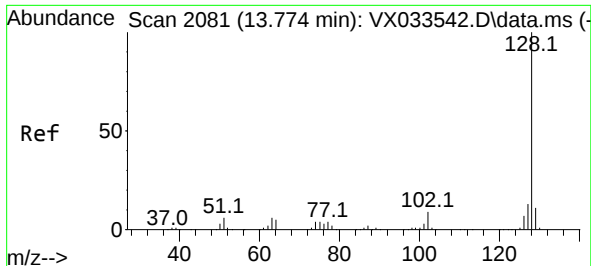
Ion Ratio Lower Upper

180 100

182 97.1 76.6 115.0

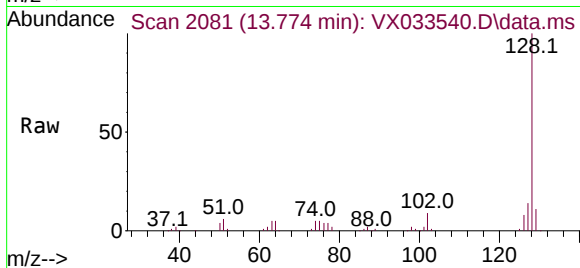
145 30.5 25.2 37.8



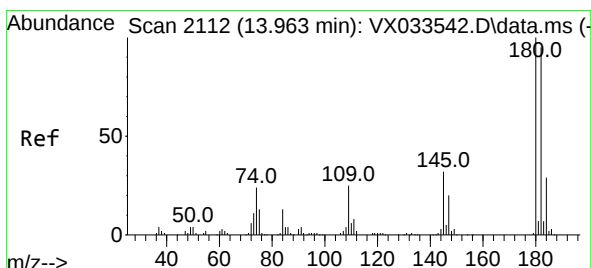
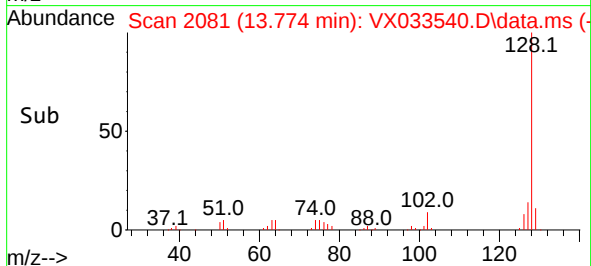
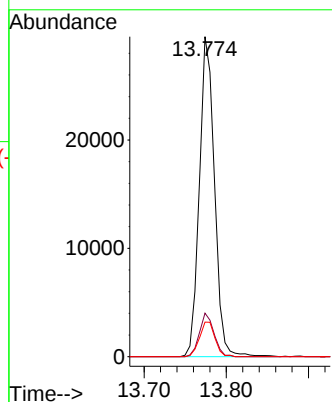


#71
Naphthalene
Concen: 4.958 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 37803
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 5.265 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033540.D
Acq: 22 Dec 2022 13:18

Tgt Ion:180 Resp: 12263
Ion Ratio Lower Upper
180 100
182 94.7 76.4 114.6
145 32.6 26.2 39.4

