

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041121.D
 Acq On : 17 Apr 2024 13:05
 Operator : JC/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 01:27:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 01:26:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	398583	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	362235	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	190132	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	13325	4.672	ug/L	0.00
7) Chloroethane-d5	1.648	69	5856	4.177	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	5706	4.670	ug/L	0.00
21) 2-Butanone-d5	4.470	46	15609	9.587	ug/L	0.00
24) Chloroform-d	5.056	84	23537	4.484	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	15708	4.709	ug/L	0.00
32) Benzene-d6	5.970	84	47267	4.530	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	13505	4.472	ug/L	0.00
41) Toluene-d8	8.647	98	44413	4.537	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	5122	3.791	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	9944	8.110	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	19534	4.433	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	18952	4.635	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	11258	4.514	ug/L	97
3) Chloromethane	1.300	50	10744	4.500	ug/L	96
5) Vinyl chloride	1.373	62	11283	4.386	ug/L	98
6) Bromomethane	1.599	94	6257	4.642	ug/L	99
8) Chloroethane	1.666	64	3669	3.811	ug/L	94
9) Trichlorofluoromethane	1.861	101	18149	4.705	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	11741	4.494	ug/L	99
12) 1,1-Dichloroethene	2.306	96	9847	4.412	ug/L	96
13) Acetone	2.392	43	12797	9.799	ug/L	99
14) Carbon disulfide	2.501	76	16466	3.791	ug/L	98
15) Methyl Acetate	2.709	43	12509	4.509	ug/L	97
16) Methylene chloride	2.782	84	11298	4.589	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	9537	4.228	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	33423	4.304	ug/L	98
19) 1,1-Dichloroethane	3.605	63	18397	4.281	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	11147	4.146	ug/L	98
22) 2-Butanone	4.574	43	17363	8.880	ug/L	97
23) Bromochloromethane	4.897	128	5816	4.155	ug/L	86
25) Chloroform	5.086	83	19883	4.306	ug/L	100
27) 1,2-Dichloroethane	6.086	62	16153	4.433	ug/L	98
29) Cyclohexane	5.458	56	15928	4.371	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	16300	4.148	ug/L	99
31) Carbon tetrachloride	5.671	117	13350	3.951	ug/L	97
33) Benzene	6.031	78	41593	4.402	ug/L	100
34) Trichloroethene	7.122	95	11250	4.399	ug/L	96
35) Methylcyclohexane	7.378	83	16228	4.175	ug/L	97
37) 1,2-Dichloropropane	7.427	63	10700	4.367	ug/L	100
38) Bromodichloromethane	7.817	83	12684	4.050	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	14191	3.802	ug/L	98
40) 4-Methyl-2-pentanone	8.579	43	30549	8.390	ug/L	98
42) Toluene	8.720	91	43753	4.294	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	12576	3.699	ug/L	100

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 Sample : VSTD005
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 ALS Vial : 4 Sample Multiplier: 1

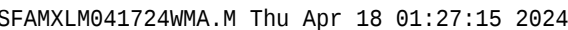
Instrument :
 MSVOA_X
 ClientSampleId :

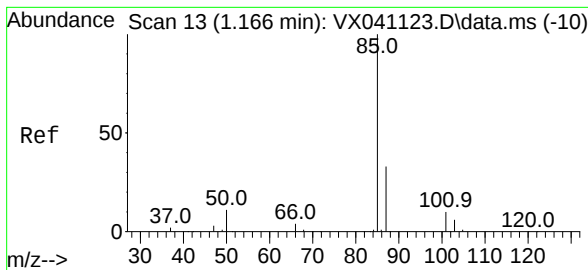
Quant Time: Apr 18 01:27:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 01:26:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	11418	4.324	ug/L	99
46) Tetrachloroethene	9.274	164	10844	4.428	ug/L	96
48) 2-Hexanone	9.439	43	22696	8.027	ug/L	97
49) Dibromochloromethane	9.524	129	10213	3.808	ug/L	96
50) 1,2-Dibromoethane	9.610	107	11394	4.143	ug/L	98
51) Chlorobenzene	10.079	112	31306	4.408	ug/L	98
52) Ethylbenzene	10.195	91	48589	4.280	ug/L	100
53) m,p-Xylene	10.299	106	18622	4.144	ug/L	96
54) o-Xylene	10.640	106	18742	4.164	ug/L	96
55) Styrene	10.658	104	29984	4.003	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	18246	4.328	ug/L	99
59) Bromoform	10.799	173	8155	3.798	ug/L	99
60) Isopropylbenzene	10.963	105	48434	4.319	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	14566	4.647	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	37892	4.138	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	36903	4.052	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	25152	4.396	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	26359	4.516	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	26577	4.479	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	3030	3.788	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	18647	4.185	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	15871	3.950	ug/L	100
71) Naphthalene	13.774	128	43773	3.795	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	17050	4.064	ug/L	98

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
Quant Title : VOC Analysis
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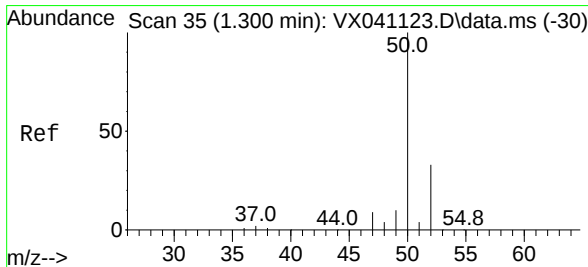
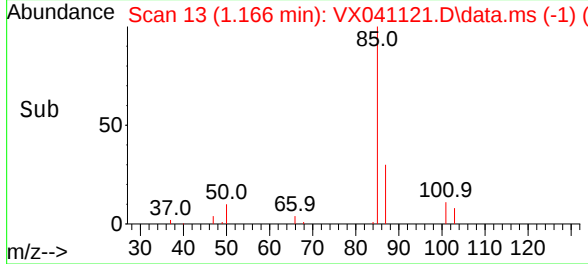
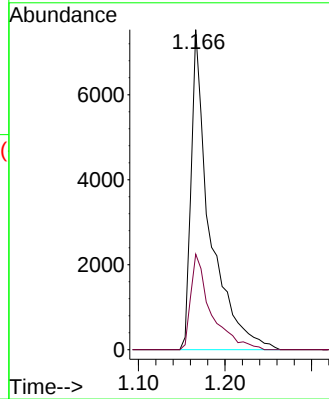
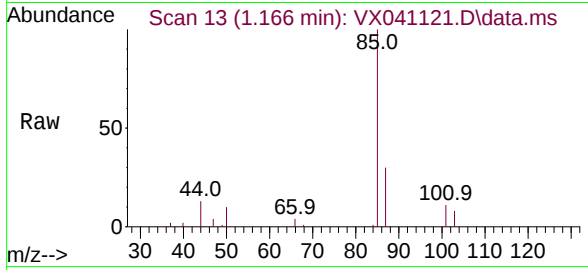




#2
 Dichlorodifluoromethane
 Concen: 4.514 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX041121.D
 Acq: 17 Apr 2024 13:05

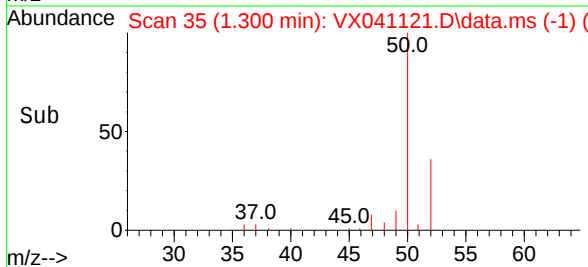
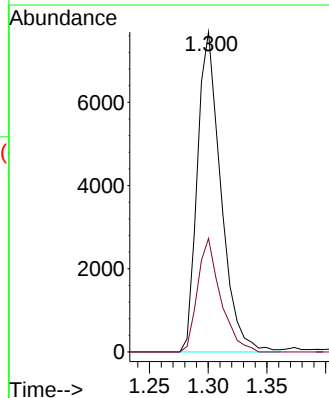
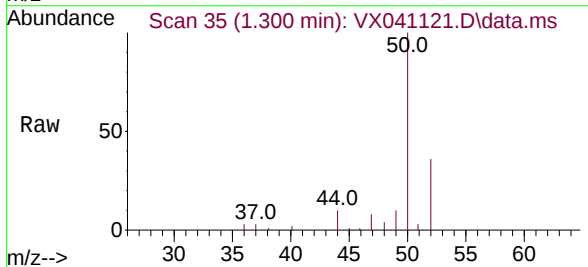
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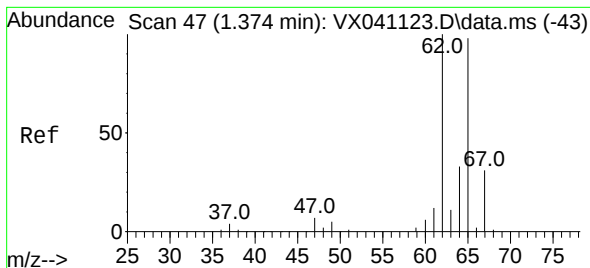
Tgt Ion: 85 Resp: 11258
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.2 39.2



#3
 Chloromethane
 Concen: 4.500 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX041121.D
 Acq: 17 Apr 2024 13:05

Tgt Ion: 50 Resp: 10744
 Ion Ratio Lower Upper
 50 100
 52 35.5 23.2 43.2





#5

Vinyl chloride

Concen: 4.386 ug/L

RT: 1.373 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

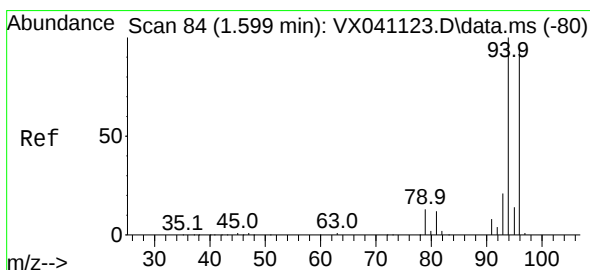
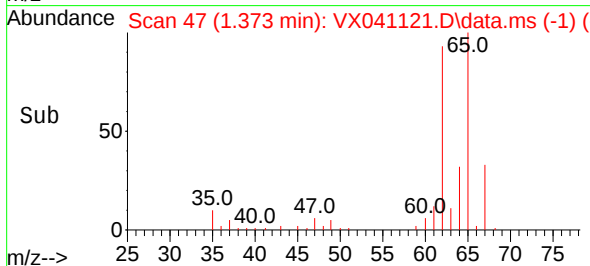
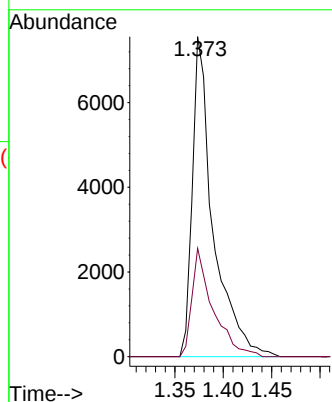
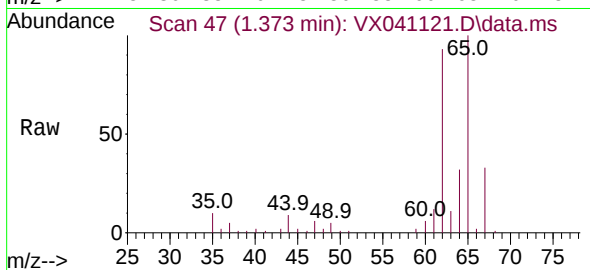
ClientSampleId :

Tgt Ion: 62 Resp: 11283

Ion Ratio Lower Upper

62 100

64 33.8 23.0 42.8



#6

Bromomethane

Concen: 4.642 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX041121.D

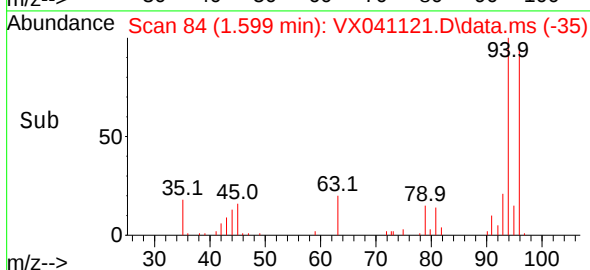
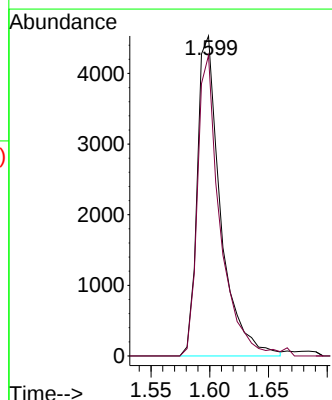
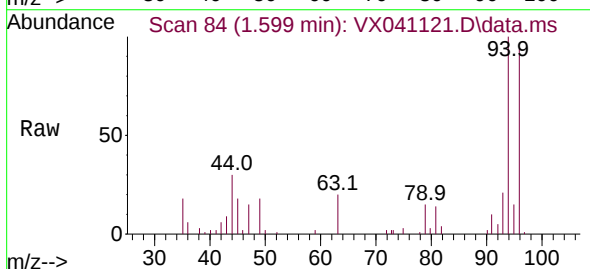
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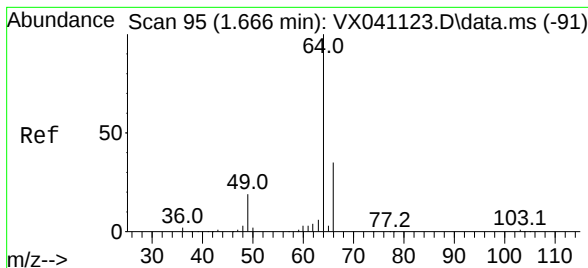
Tgt Ion: 94 Resp: 6257

Ion Ratio Lower Upper

94 100

96 93.9 66.5 123.5





#8

Chloroethane

Concen: 3.811 ug/L

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

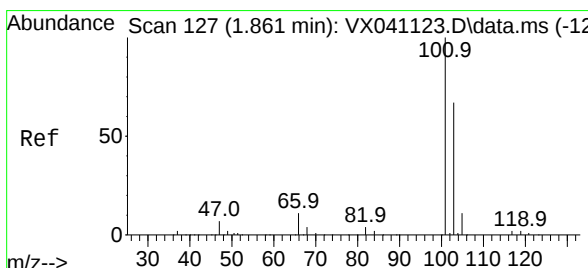
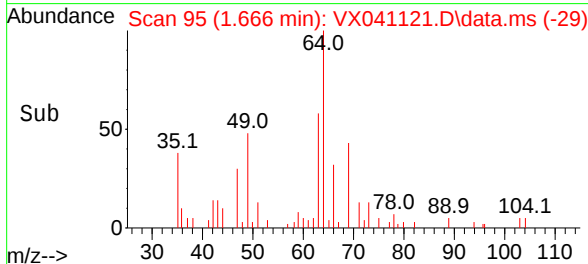
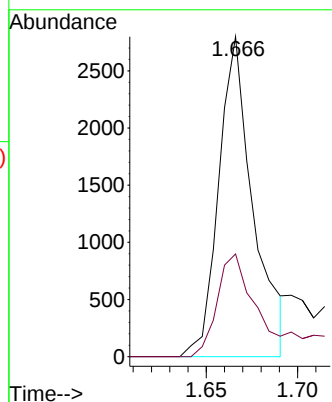
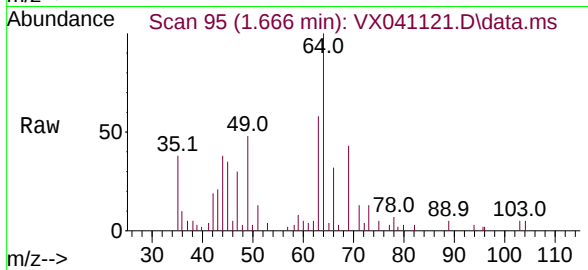
ClientSampleId :

Tgt Ion: 64 Resp: 3669

Ion Ratio Lower Upper

64 100

66 32.1 24.7 45.9



#9

Trichlorofluoromethane

Concen: 4.705 ug/L

RT: 1.861 min Scan# 127

Delta R.T. -0.000 min

Lab File: VX041121.D

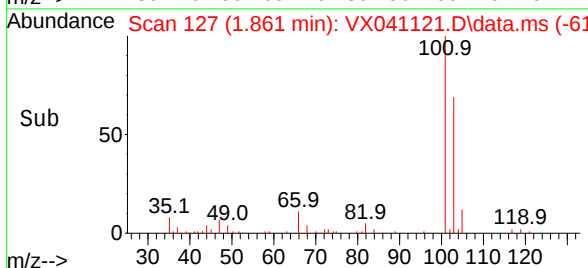
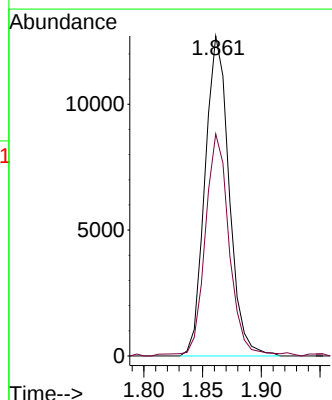
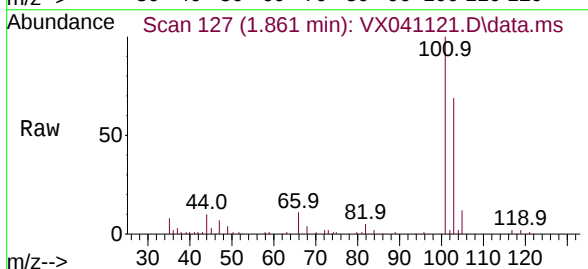
Acq: 17 Apr 2024 13:05

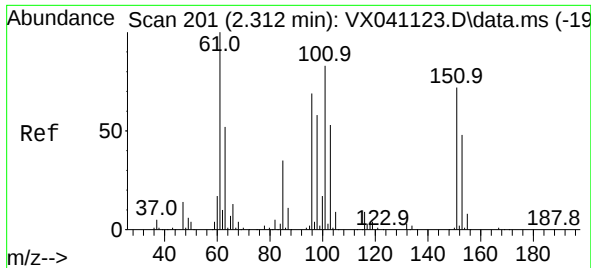
Tgt Ion:101 Resp: 18149

Ion Ratio Lower Upper

101 100

103 68.4 52.6 78.8

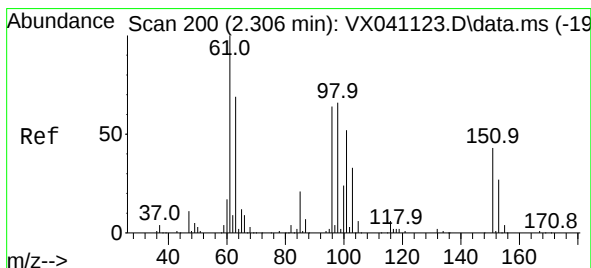
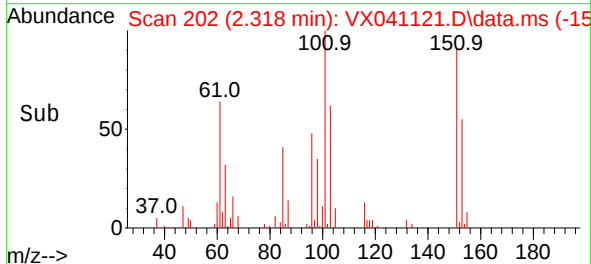
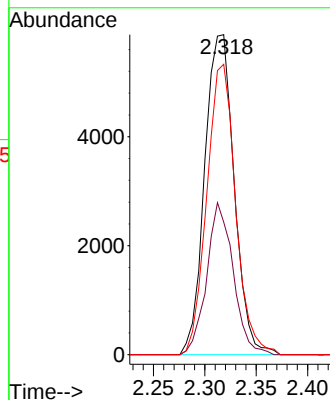
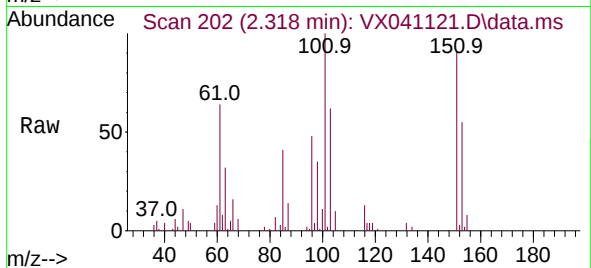




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.494 ug/L
 RT: 2.318 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX041121.D
 Acq: 17 Apr 2024 13:05

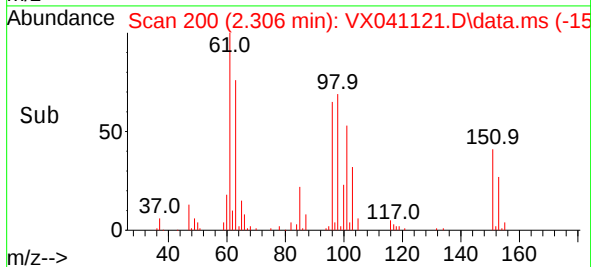
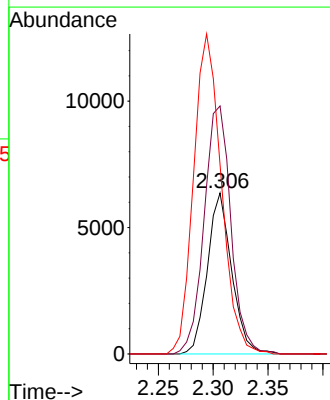
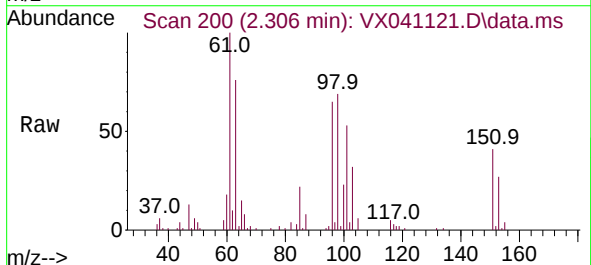
Instrument :
 MSVOA_X
 ClientSampleId :

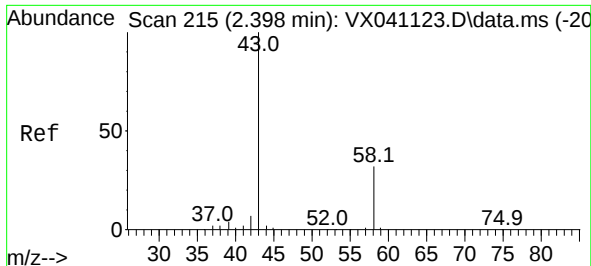
Tgt Ion:101 Resp: 11741
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.4 50.2
 151 88.5 70.5 105.7



#12
 1,1-Dichloroethene
 Concen: 4.412 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VX041121.D
 Acq: 17 Apr 2024 13:05

Tgt Ion: 96 Resp: 9847
 Ion Ratio Lower Upper
 96 100
 61 154.1 110.3 204.9
 63 117.7 77.4 143.8





#13

Acetone

Concen: 9.799 ug/L

RT: 2.392 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

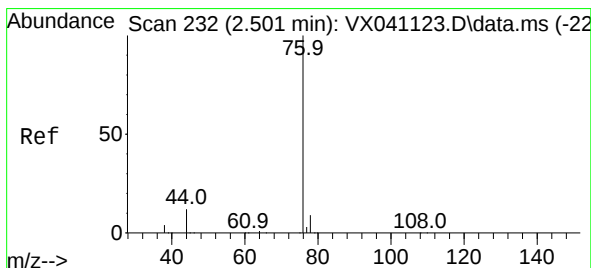
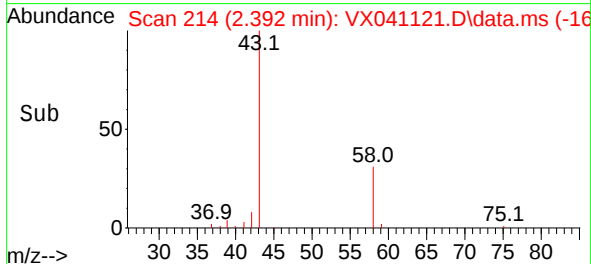
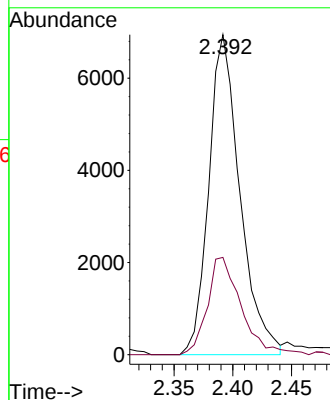
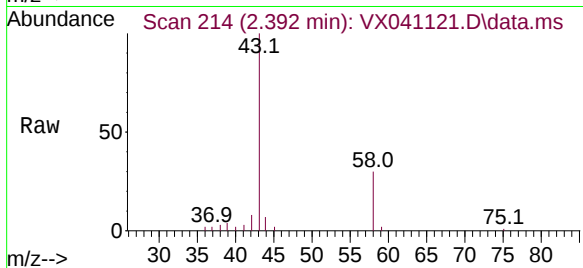
ClientSampleId :

Tgt Ion: 43 Resp: 12797

Ion Ratio Lower Upper

43 100

58 31.6 0.0 62.4



#14

Carbon disulfide

Concen: 3.791 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX041121.D

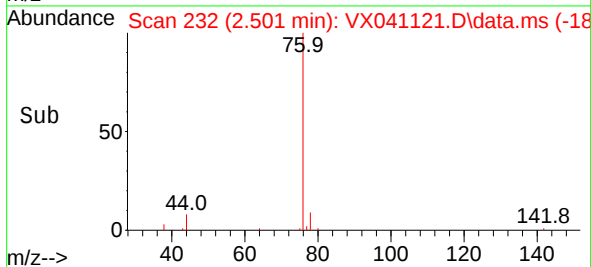
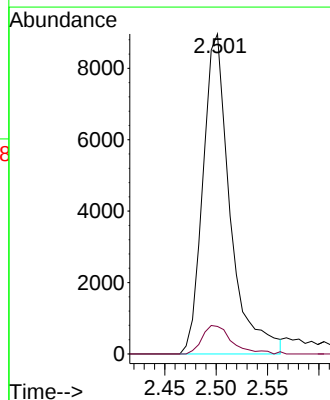
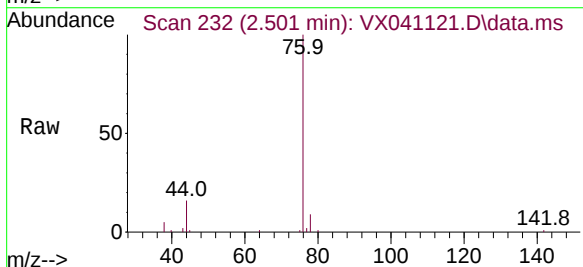
Acq: 17 Apr 2024 13:05

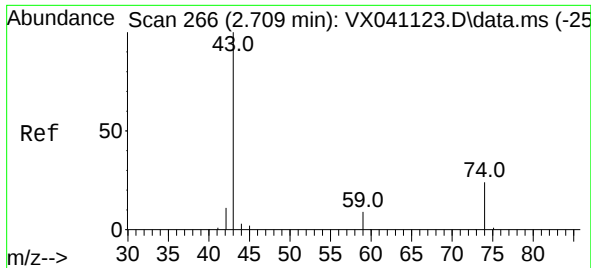
Tgt Ion: 76 Resp: 16466

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2

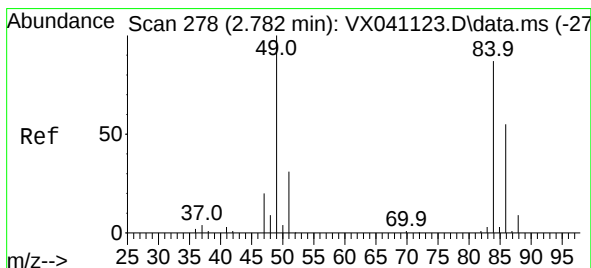
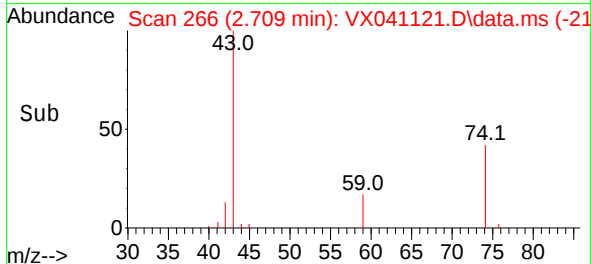
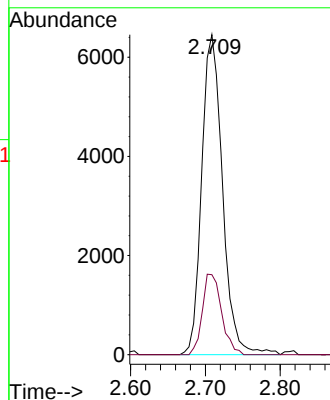
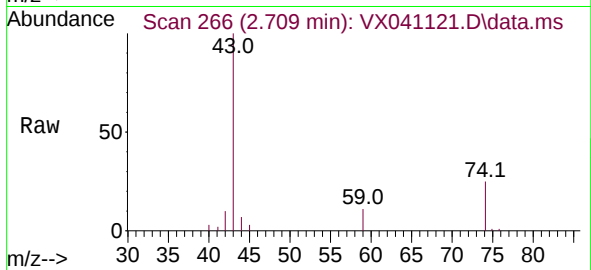




#15
Methyl Acetate
Concen: 4.509 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

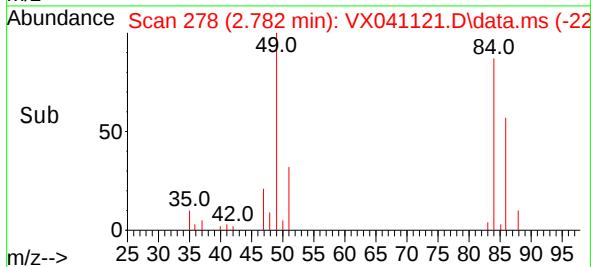
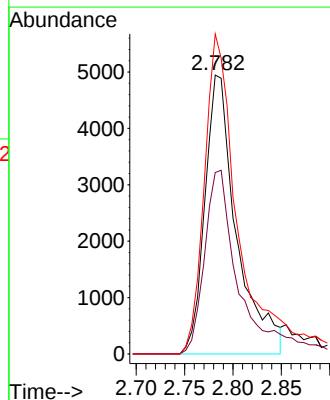
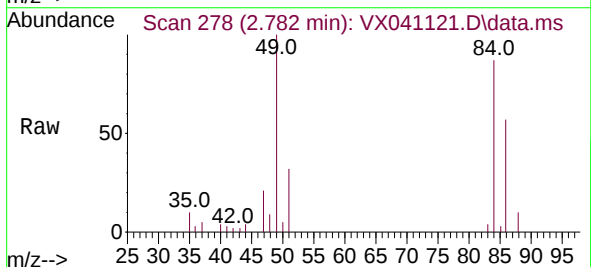
Instrument :
MSVOA_X
ClientSampleId :

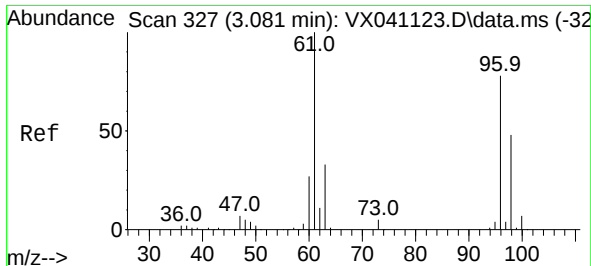
Tgt Ion: 43 Resp: 12509
Ion Ratio Lower Upper
43 100
74 23.2 19.9 29.9



#16
Methylene chloride
Concen: 4.589 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

Tgt Ion: 84 Resp: 11298
Ion Ratio Lower Upper
84 100
86 65.0 44.7 83.1
49 114.7 80.6 149.8

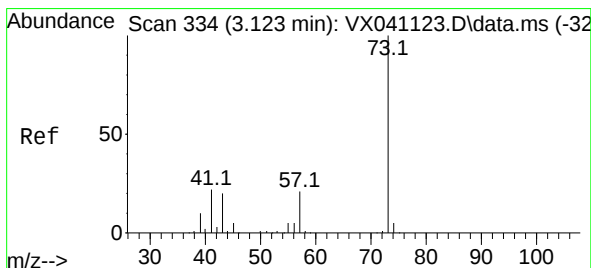
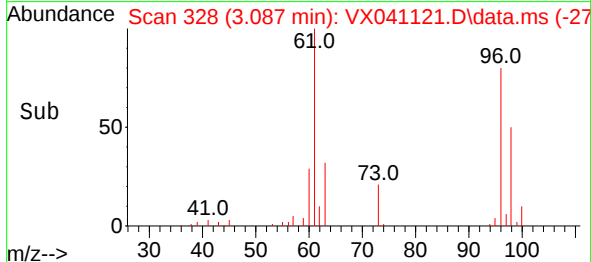
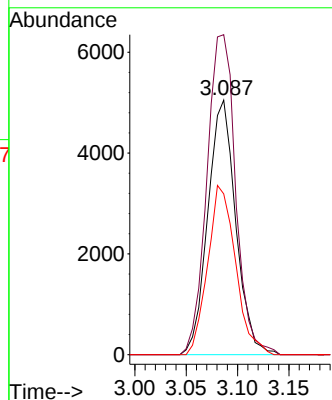
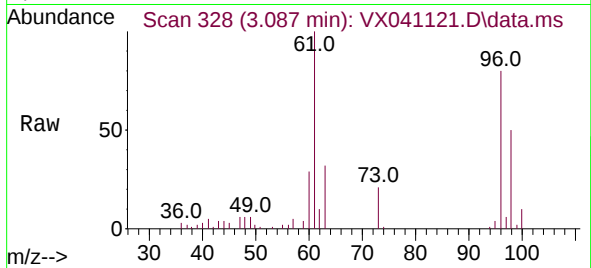




#17
trans-1,2-Dichloroethene
Concen: 4.228 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

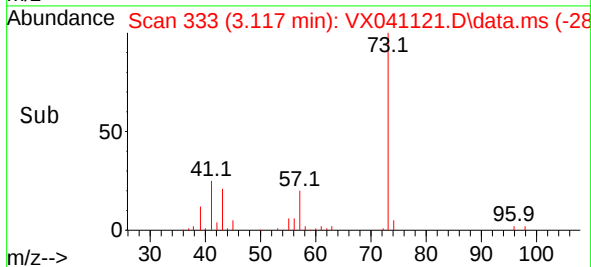
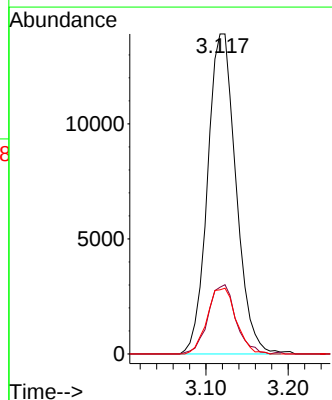
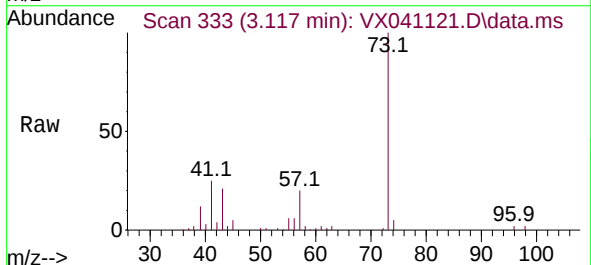
Instrument :
MSVOA_X
ClientSampleId :

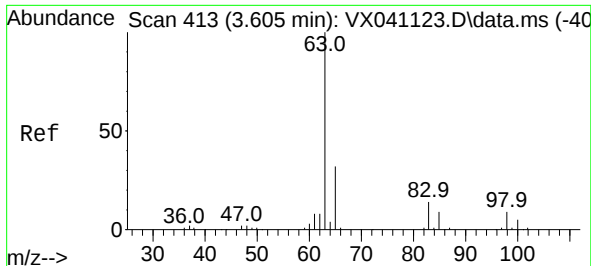
Tgt Ion: 96 Resp: 9537
Ion Ratio Lower Upper
96 100
61 125.7 89.6 166.4
98 63.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 4.304 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

Tgt Ion: 73 Resp: 33423
Ion Ratio Lower Upper
73 100
43 21.1 16.1 24.1
57 20.6 17.0 25.4





#19

1,1-Dichloroethane

Concen: 4.281 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX041121.D

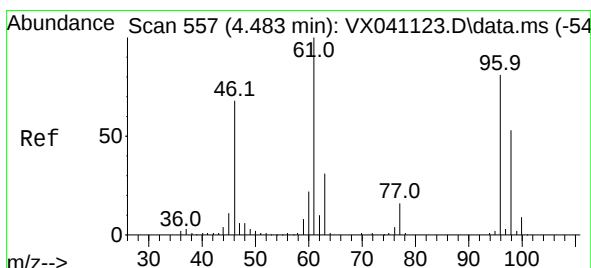
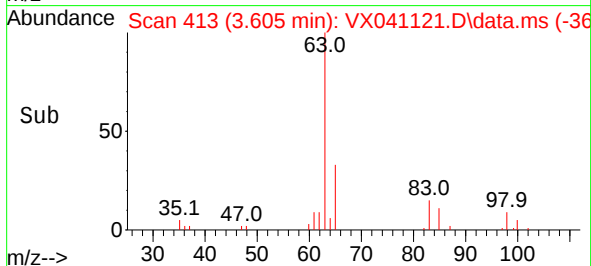
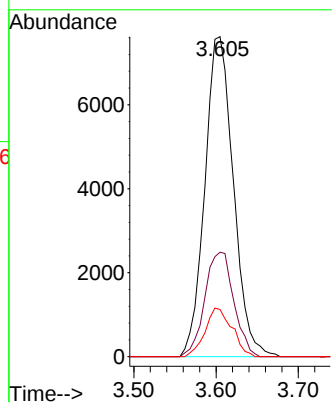
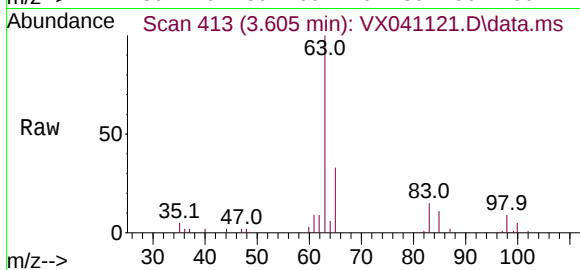
Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 18397
Ion Ratio	Lower Upper
63	100
65	32.6 22.3 41.3
83	14.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 4.146 ug/L

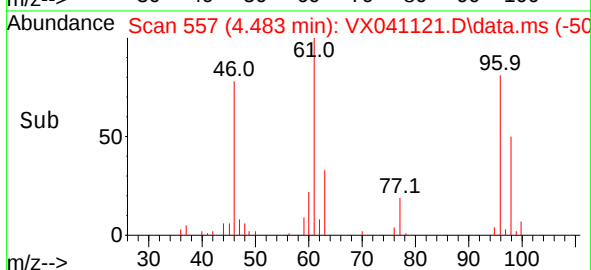
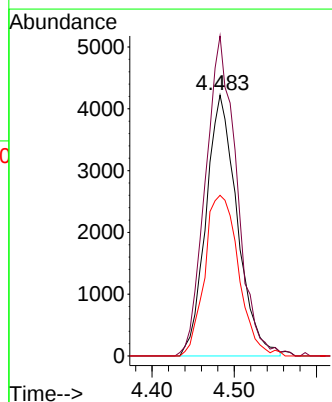
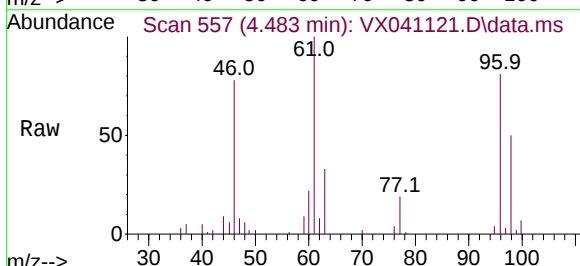
RT: 4.483 min Scan# 557

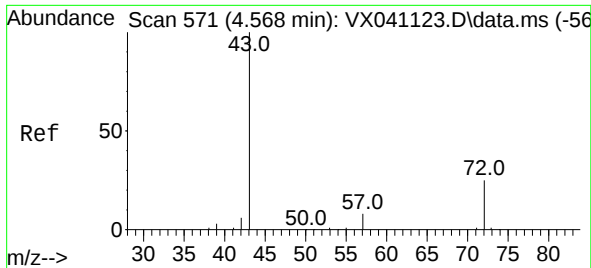
Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Tgt Ion: 96	Resp: 11147
Ion Ratio	Lower Upper
96	100
61	122.7 86.5 160.7
98	61.6 45.4 84.2

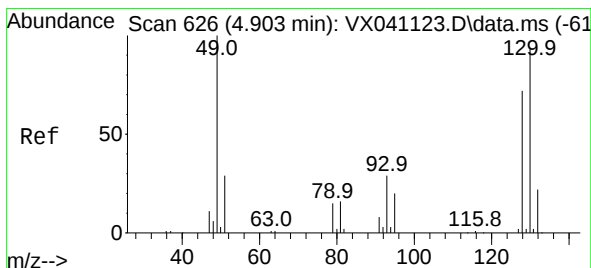
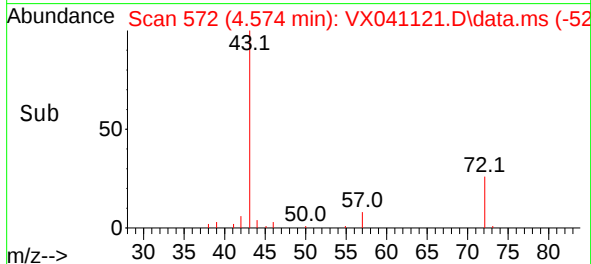
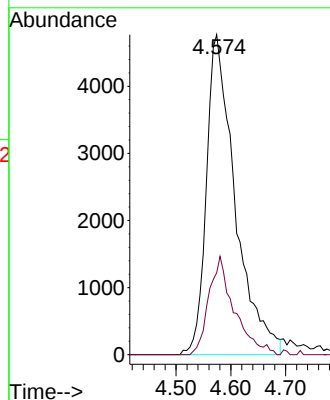
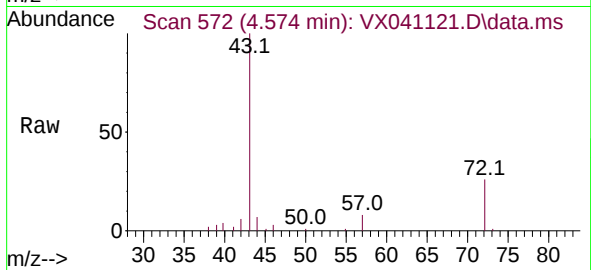




#22
2-Butanone
Concen: 8.880 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

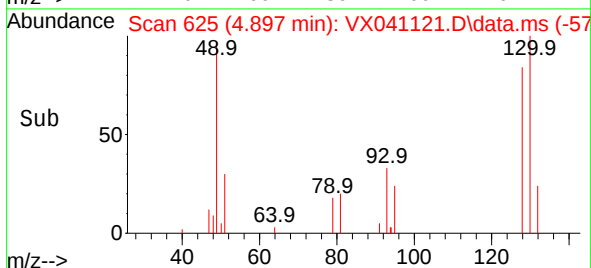
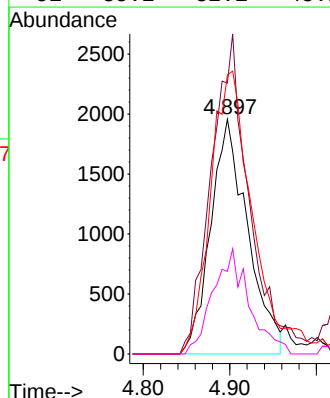
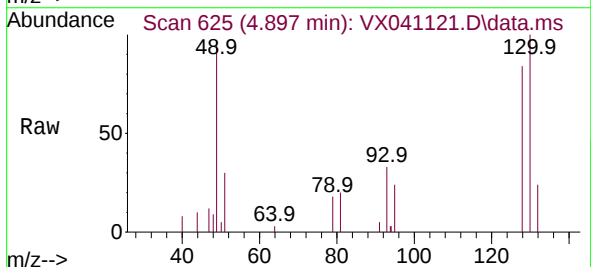
Instrument :
MSVOA_X
ClientSampleId :

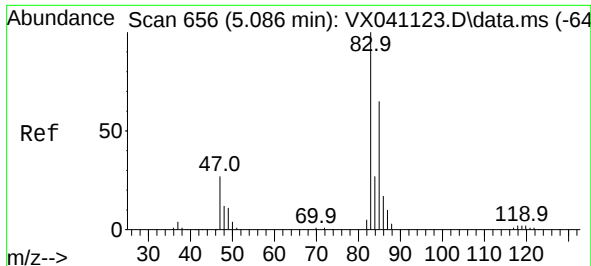
Tgt Ion: 43 Resp: 17363
Ion Ratio Lower Upper
43 100
72 26.6 12.5 37.5



#23
Bromochloromethane
Concen: 4.155 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

Tgt Ion:128 Resp: 5816
Ion Ratio Lower Upper
128 100
49 115.4 97.2 180.6
130 118.9 90.6 168.2
51 35.2 32.1 48.1





#25

Chloroform

Concen: 4.306 ug/L

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

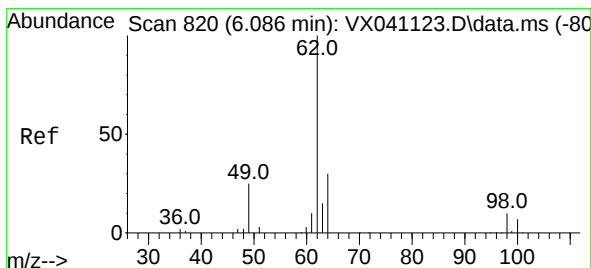
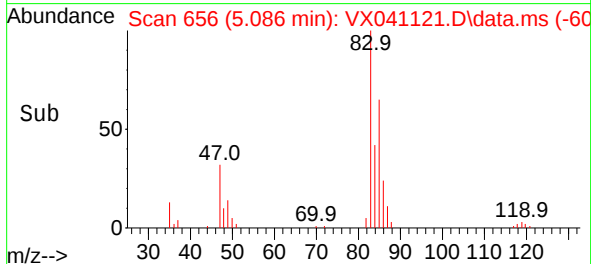
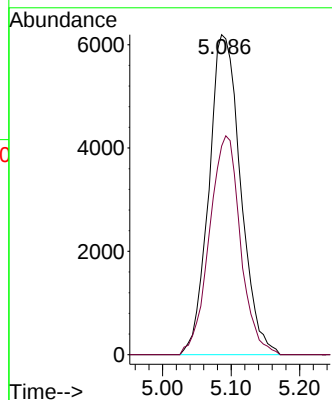
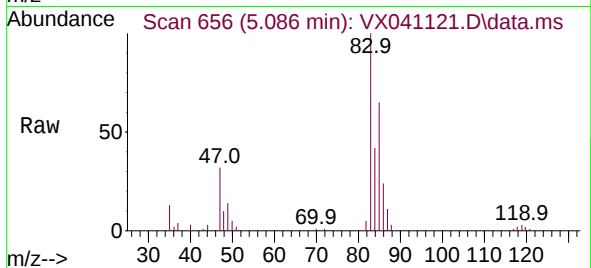
ClientSampleId :

Tgt Ion: 83 Resp: 19883

Ion Ratio Lower Upper

83 100

85 65.2 45.9 85.3



#27

1,2-Dichloroethane

Concen: 4.433 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX041121.D

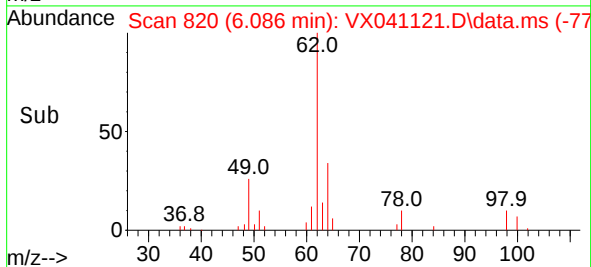
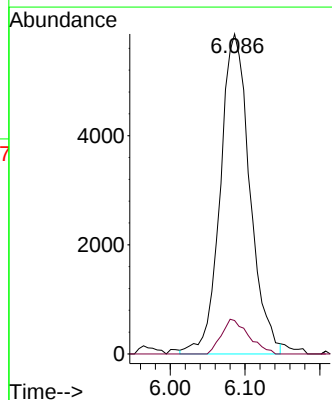
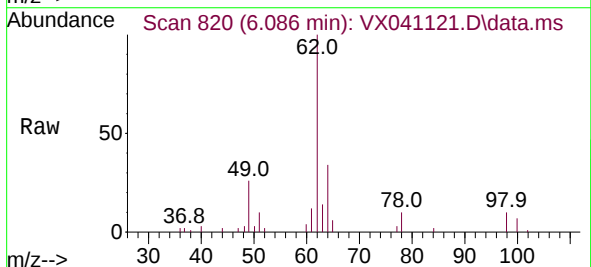
Acq: 17 Apr 2024 13:05

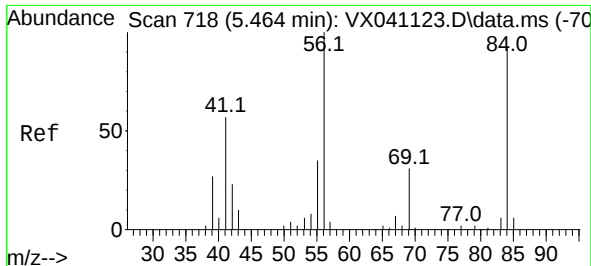
Tgt Ion: 62 Resp: 16153

Ion Ratio Lower Upper

62 100

98 10.5 7.9 11.9





#29

Cyclohexane

Concen: 4.371 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min MSVOA_X

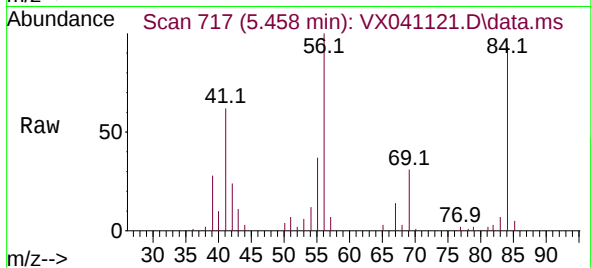
Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

ClientSampleId :



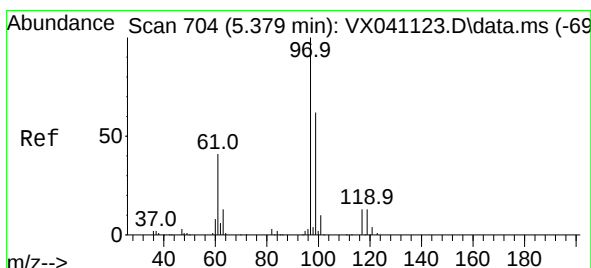
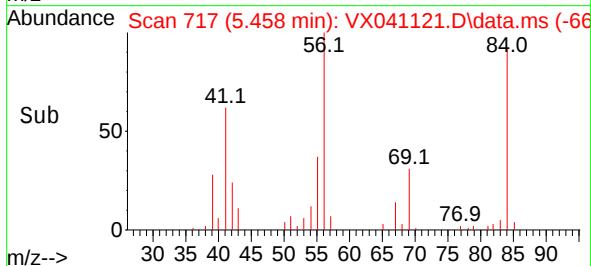
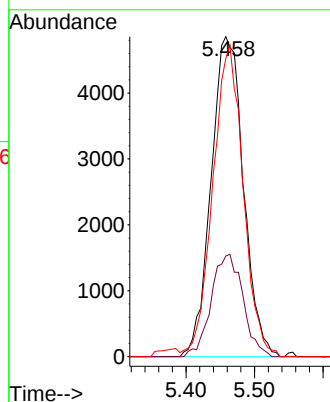
Tgt Ion: 56 Resp: 15928

Ion Ratio Lower Upper

56 100

69 30.6 25.1 37.7

84 91.2 75.0 112.6



#30

1,1,1-Trichloroethane

Concen: 4.148 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

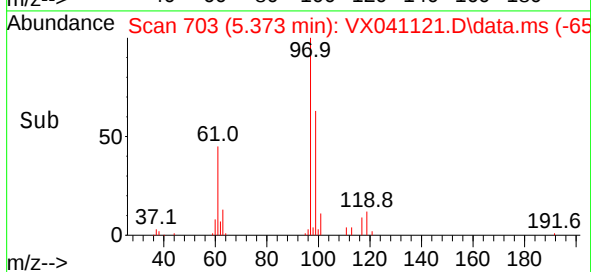
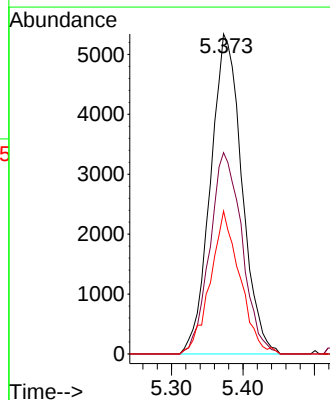
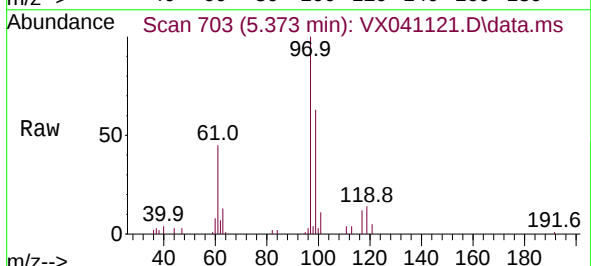
Tgt Ion: 97 Resp: 16300

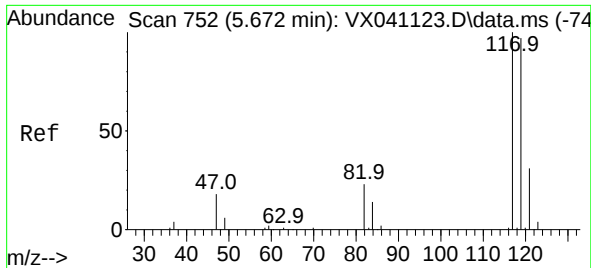
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

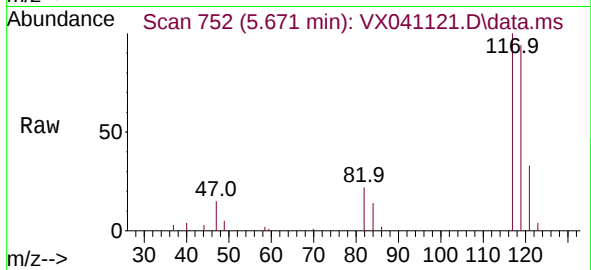
61 41.7 33.9 50.9



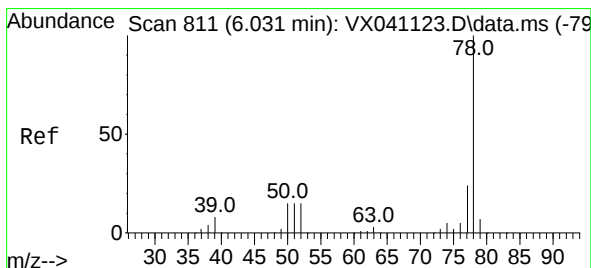
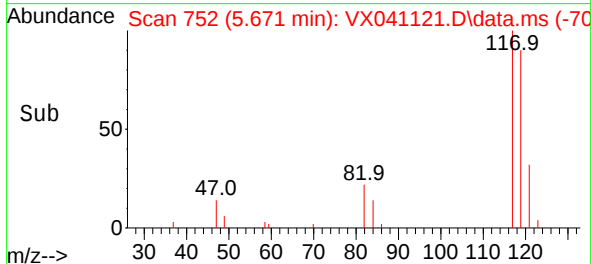
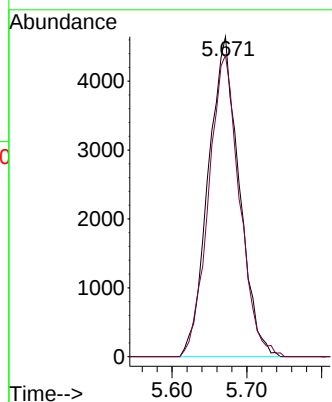


#31
Carbon tetrachloride
Concen: 3.951 ug/L
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

Instrument :
MSVOA_X
ClientSampleId :

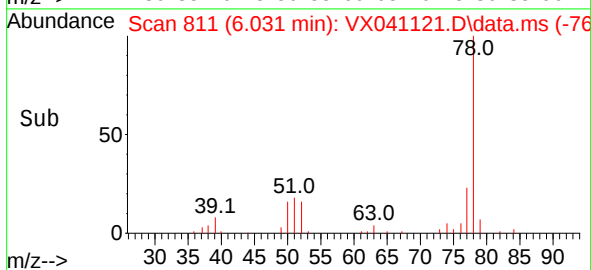
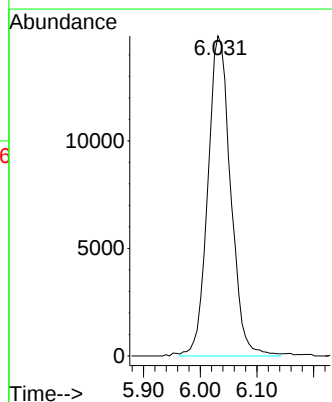
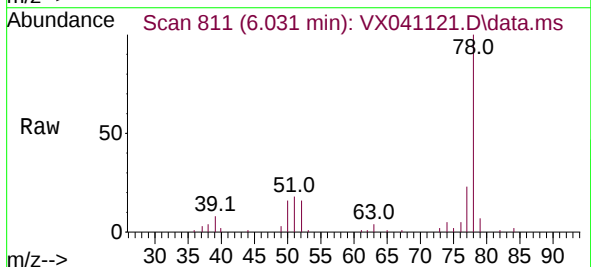


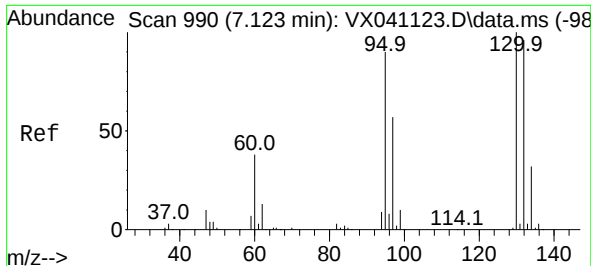
Tgt Ion:117 Resp: 13350
Ion Ratio Lower Upper
117 100
119 94.4 78.1 117.1



#33
Benzene
Concen: 4.402 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

Tgt Ion: 78 Resp: 41593





#34

Trichloroethene

Concen: 4.399 ug/L

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

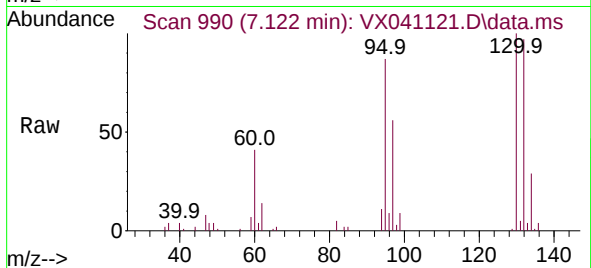
Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 11250

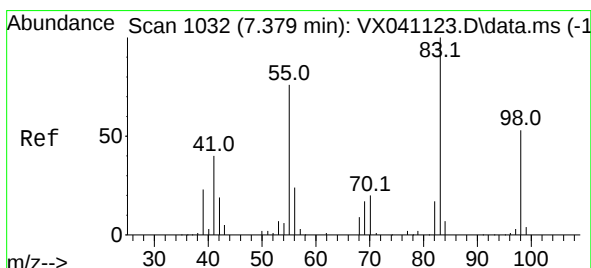
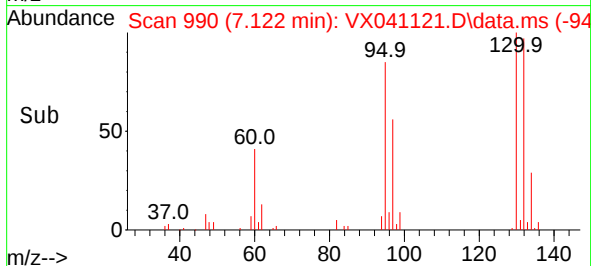
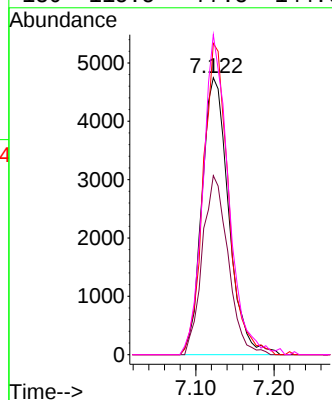
Ion Ratio Lower Upper

95 100

97 64.6 44.1 81.9

132 112.4 74.6 138.6

130 115.5 77.8 144.6



#35

Methylcyclohexane

Concen: 4.175 ug/L

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

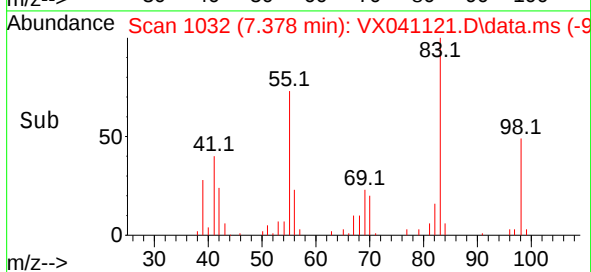
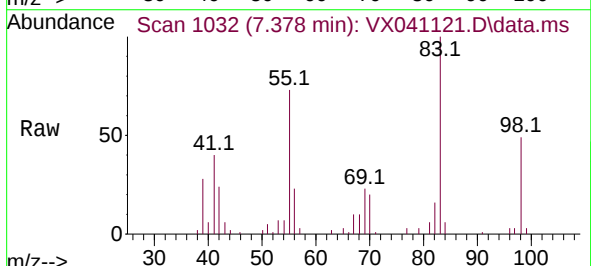
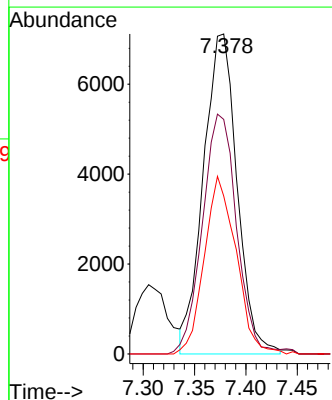
Tgt Ion: 83 Resp: 16228

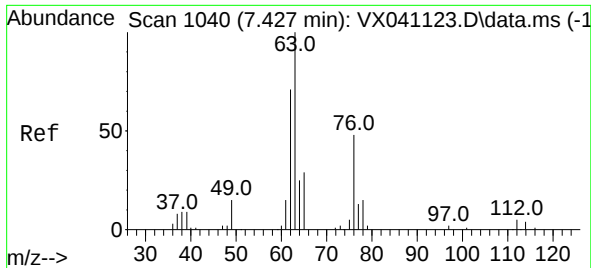
Ion Ratio Lower Upper

83 100

55 76.1 58.7 88.1

98 52.3 40.5 60.7

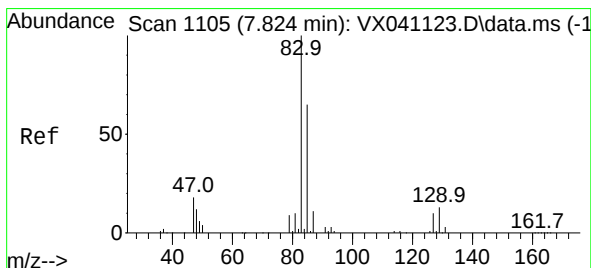
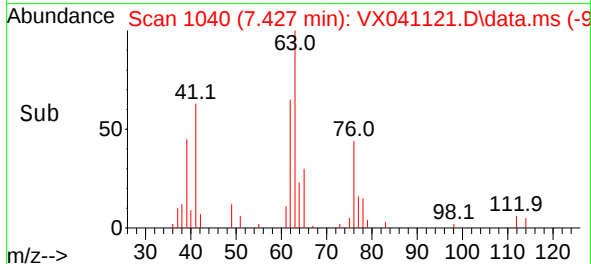
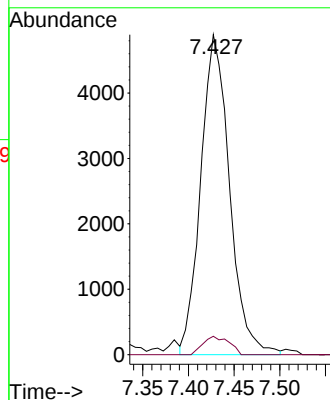
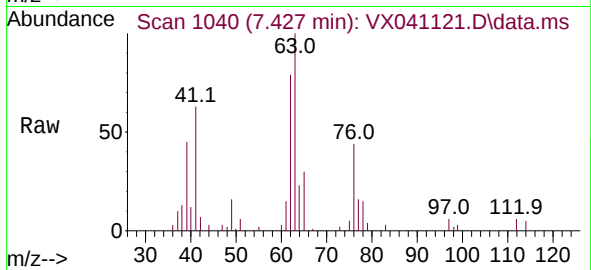




#37
1,2-Dichloropropane
Concen: 4.367 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

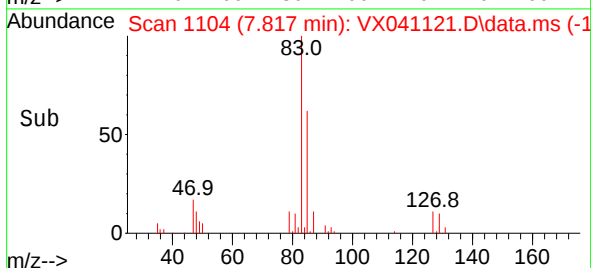
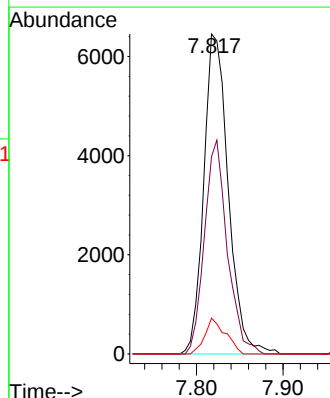
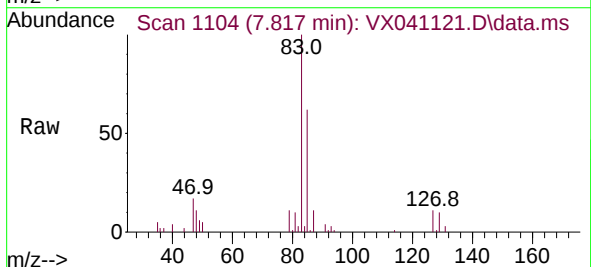
Instrument :
MSVOA_X
ClientSampleId :

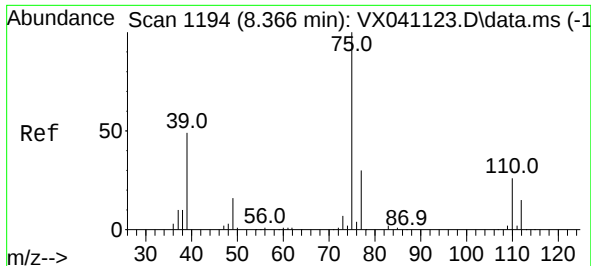
Tgt Ion: 63 Resp: 10700
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.4



#38
Bromodichloromethane
Concen: 4.050 ug/L
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

Tgt Ion: 83 Resp: 12684
Ion Ratio Lower Upper
83 100
85 61.7 45.6 84.8
127 11.2 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 3.802 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

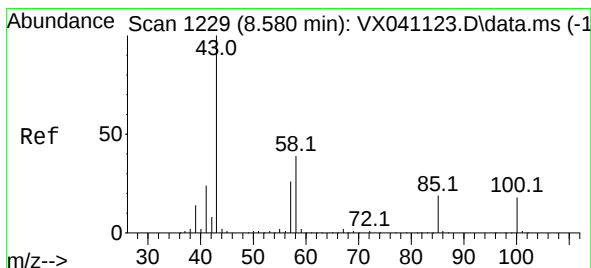
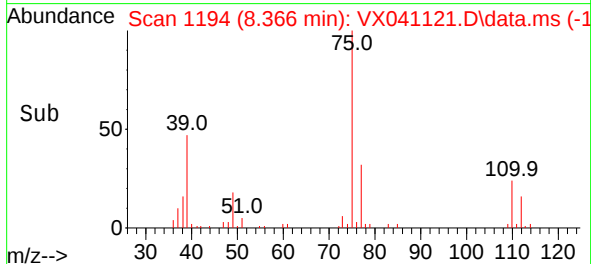
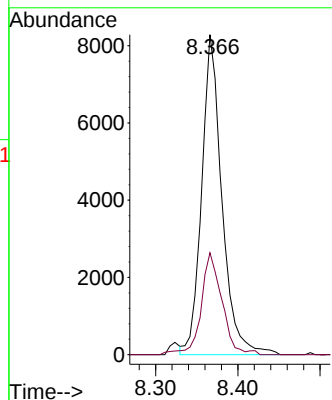
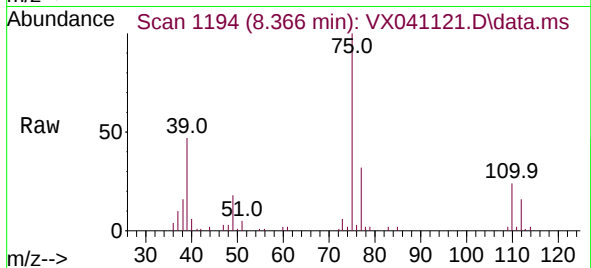
ClientSampleId :

Tgt Ion: 75 Resp: 14191

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 8.390 ug/L

RT: 8.579 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

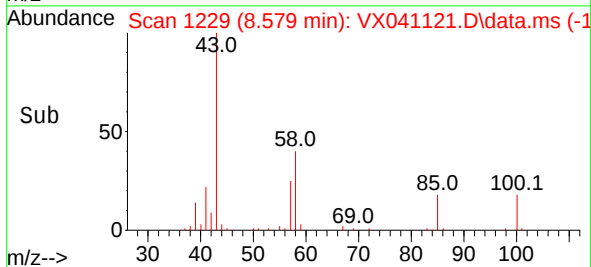
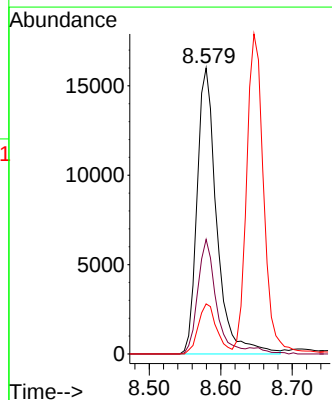
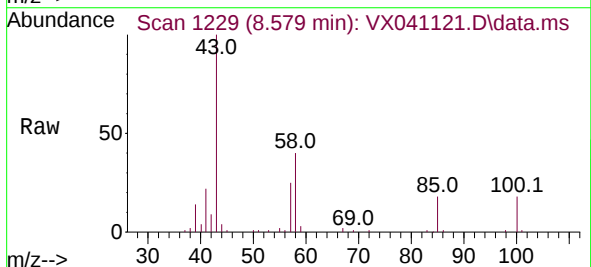
Tgt Ion: 43 Resp: 30549

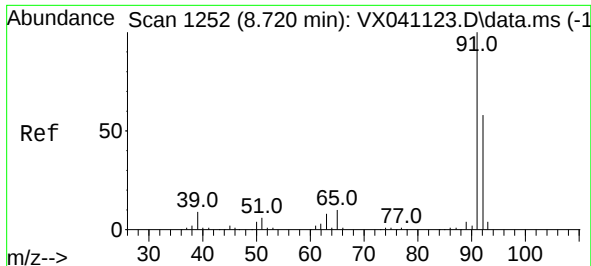
Ion Ratio Lower Upper

43 100

58 37.1 30.6 46.0

100 16.6 13.8 20.6





#42

Toluene

Concen: 4.294 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

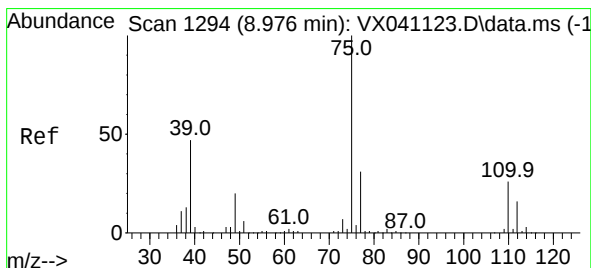
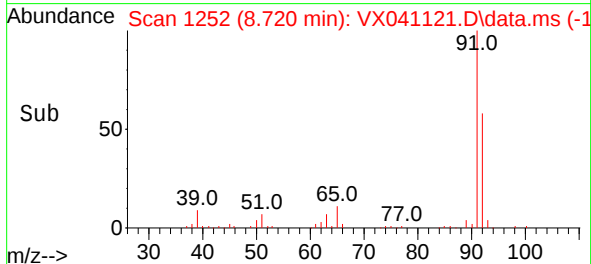
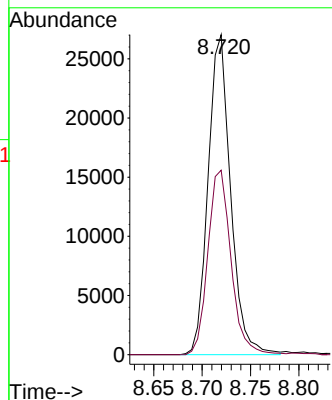
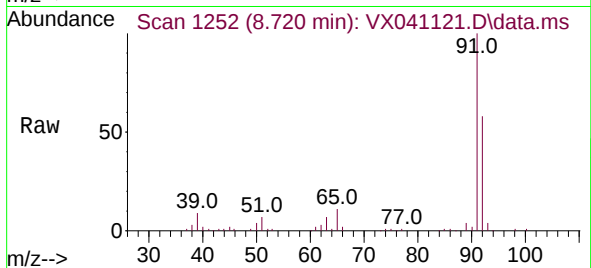
ClientSampleId :

Tgt Ion: 91 Resp: 43753

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 3.699 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX041121.D

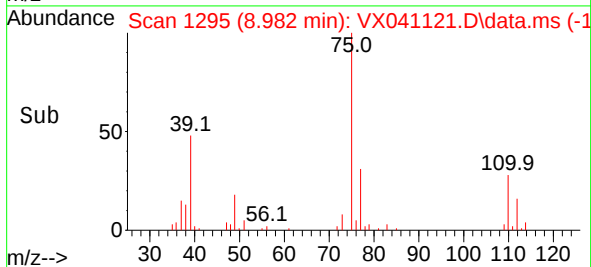
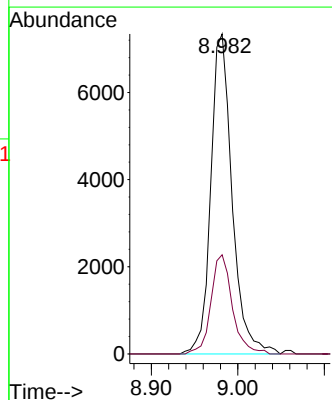
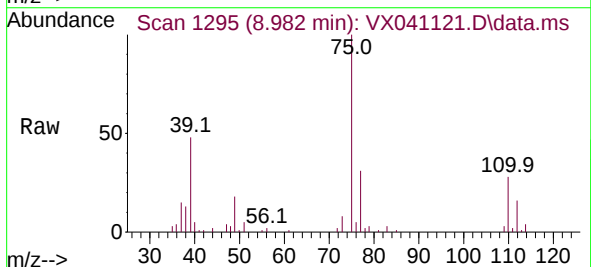
Acq: 17 Apr 2024 13:05

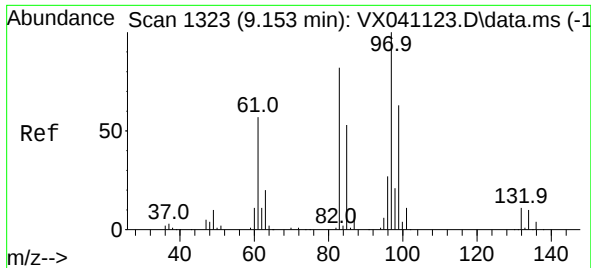
Tgt Ion: 75 Resp: 12576

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6

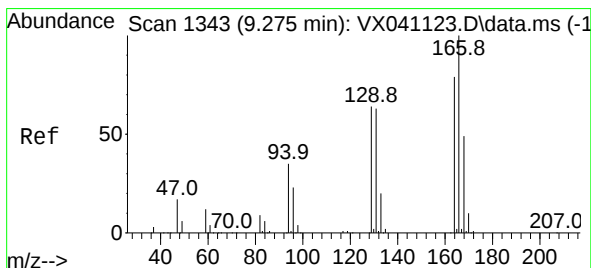
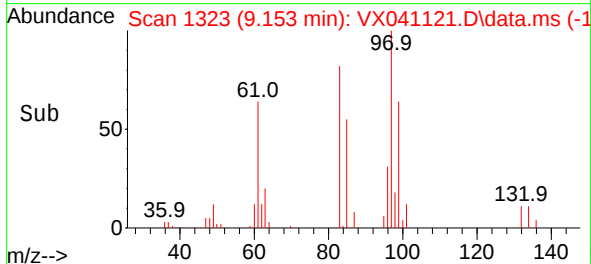
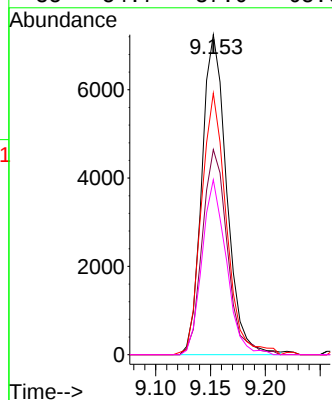
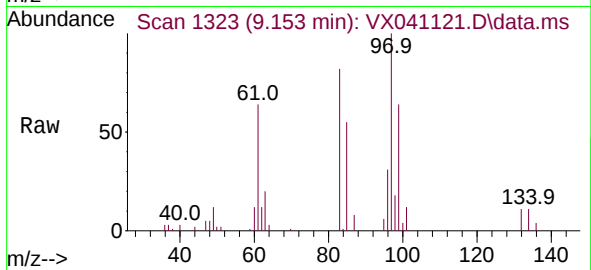




#45
1,1,2-Trichloroethane
Concen: 4.324 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

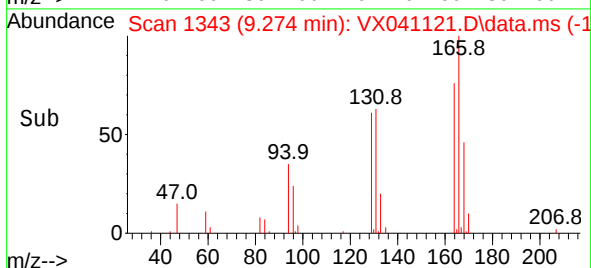
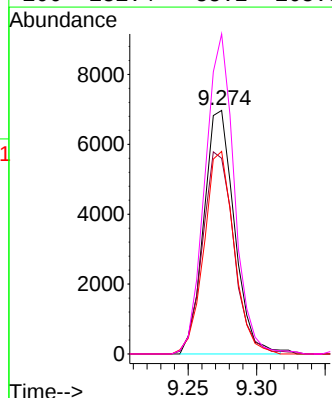
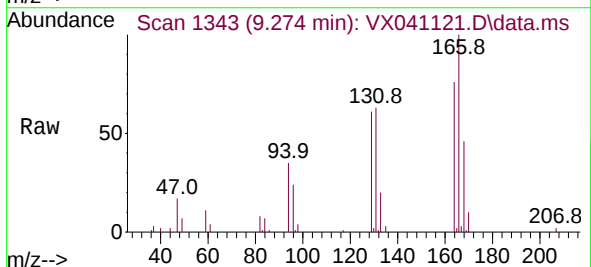
Instrument :
MSVOA_X
ClientSampleId :

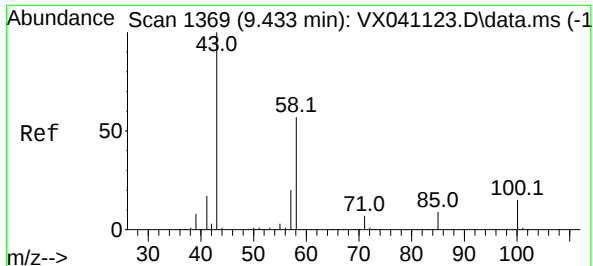
Tgt Ion:	97	Resp:	11418
Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.4	82.4
83	81.7	57.3	106.5
85	54.7	37.0	68.6



#46
Tetrachloroethene
Concen: 4.428 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

Tgt Ion:	164	Resp:	10844
Ion	Ratio	Lower	Upper
164	100		
129	80.3	56.5	104.9
131	83.2	55.2	102.4
166	131.4	88.2	163.8

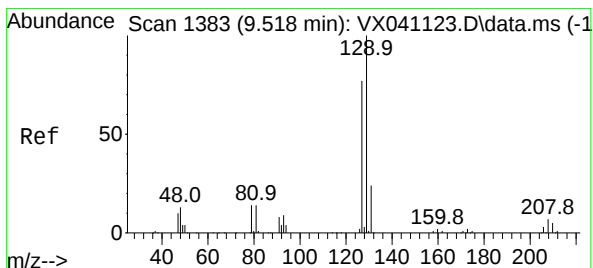
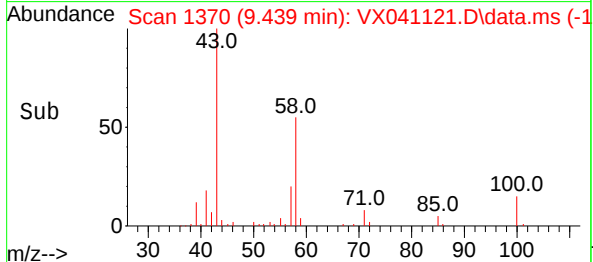
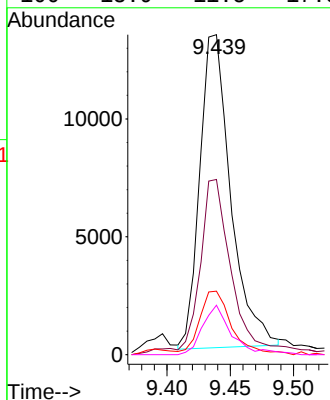
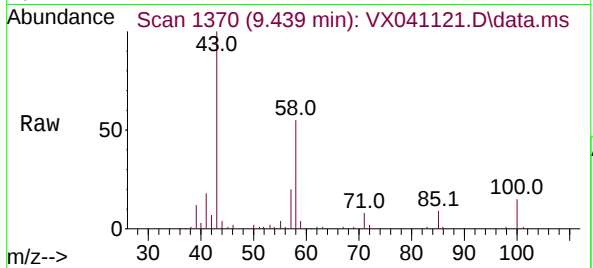




#48
2-Hexanone
Concen: 8.027 ug/L
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

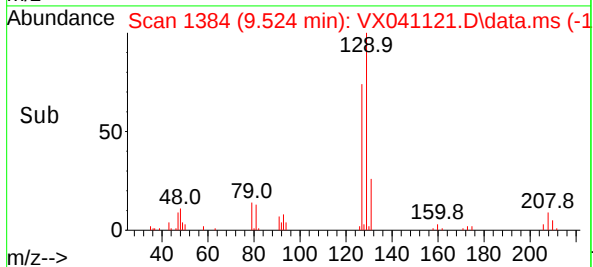
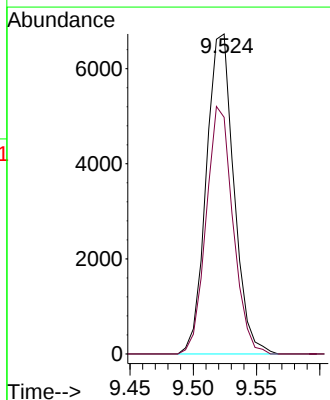
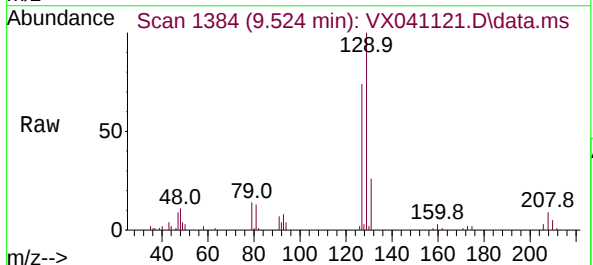
Instrument :
MSVOA_X
ClientSampleId :

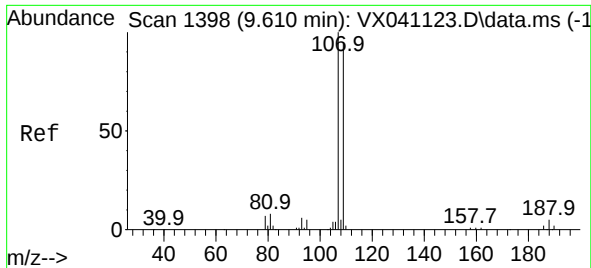
Tgt Ion: 43	Resp: 22696
Ion Ratio	Lower Upper
43 100	
58 57.1	43.8 65.8
57 20.9	15.0 22.6
100 13.9	11.5 17.3



#49
Dibromochloromethane
Concen: 3.808 ug/L
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

Tgt Ion:129	Resp:	10213	
Ion	Ratio	Lower	Upper
129	100		
127	73.9	53.9	100.1





#50

1,2-Dibromoethane

Concen: 4.143 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

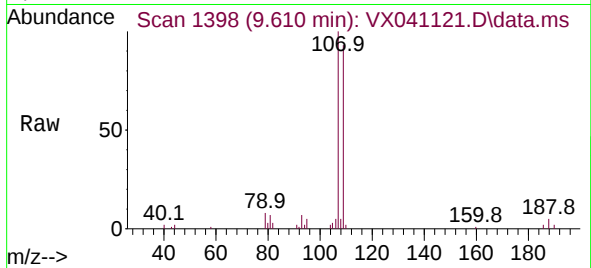
Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

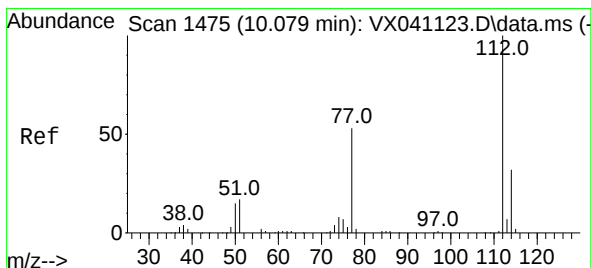
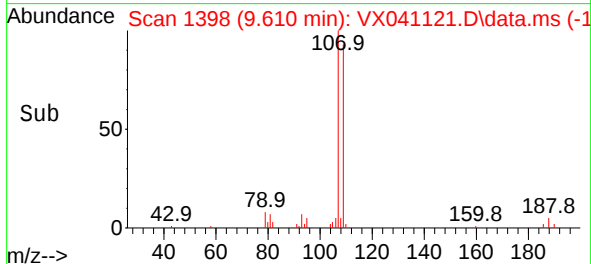
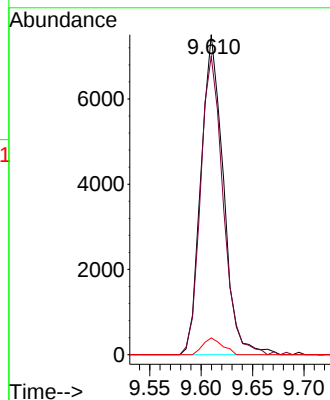
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	107	Resp:	11394
Ion	Ratio	Lower	Upper
107	100		
109	93.3	66.6	123.6
188	5.3	3.8	5.8



#51

Chlorobenzene

Concen: 4.408 ug/L

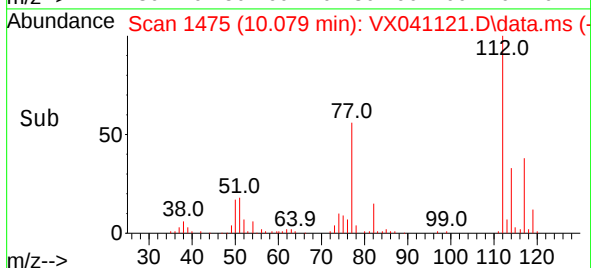
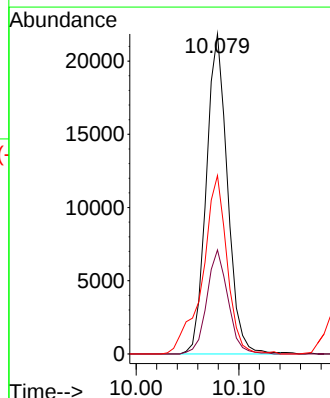
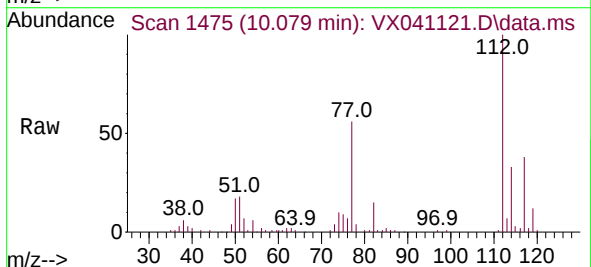
RT: 10.079 min Scan# 1475

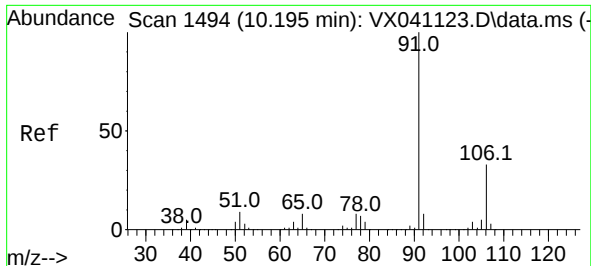
Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Tgt Ion:	112	Resp:	31306
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.5	41.9
77	55.8	42.6	64.0





#52

Ethylbenzene

Concen: 4.280 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

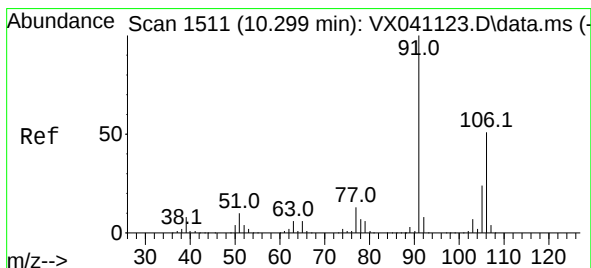
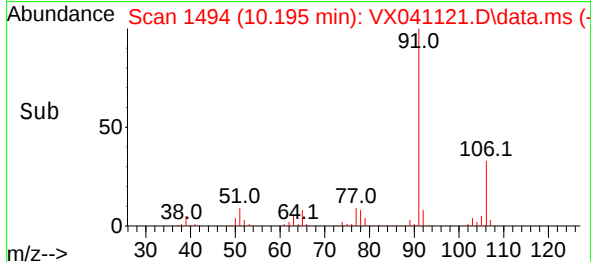
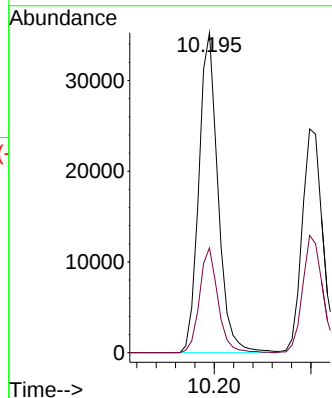
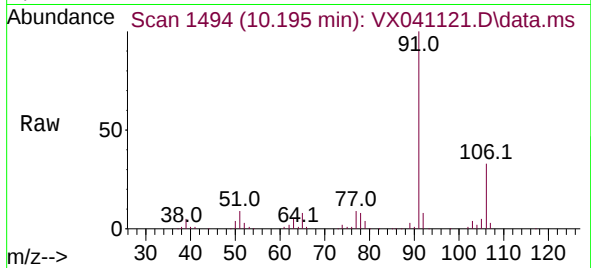
ClientSampleId :

Tgt Ion: 91 Resp: 48589

Ion Ratio Lower Upper

91 100

106 32.7 22.7 42.3



#53

m,p-Xylene

Concen: 4.144 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX041121.D

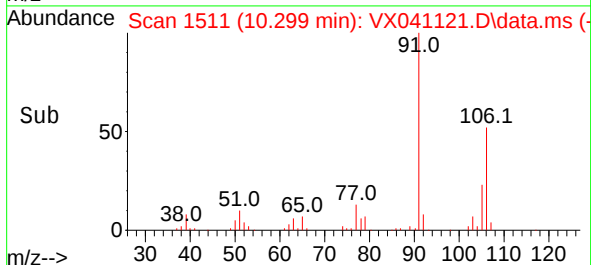
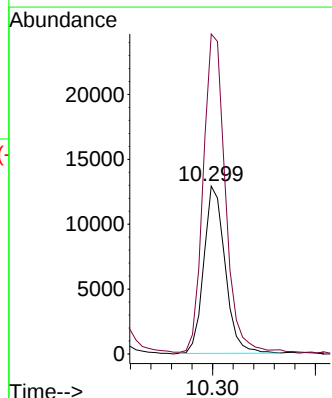
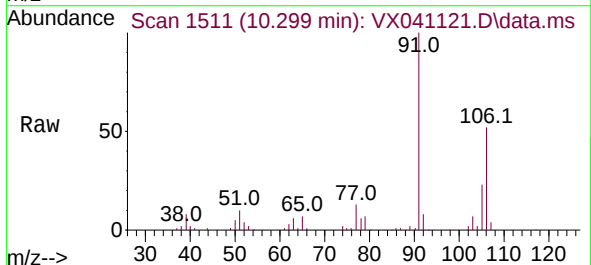
Acq: 17 Apr 2024 13:05

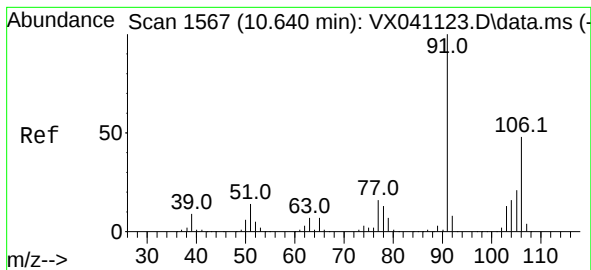
Tgt Ion:106 Resp: 18622

Ion Ratio Lower Upper

106 100

91 190.7 137.2 254.8





#54

o-Xylene

Concen: 4.164 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

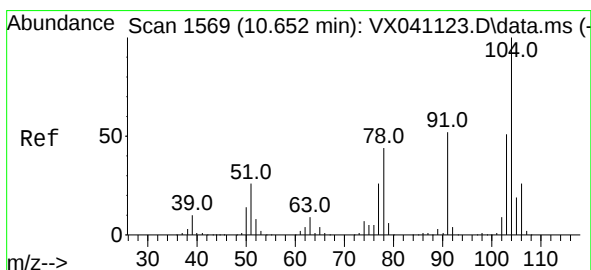
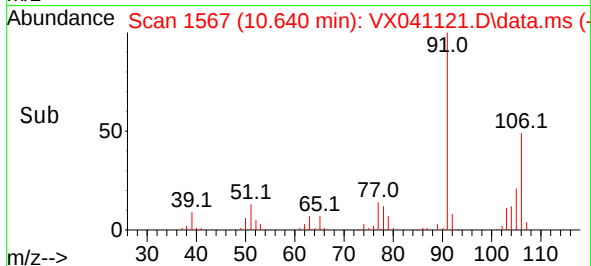
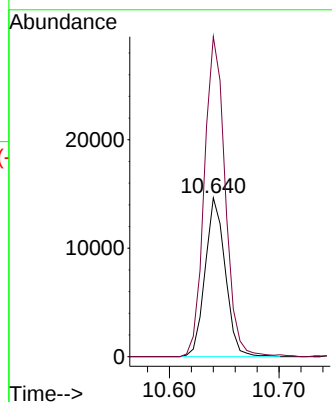
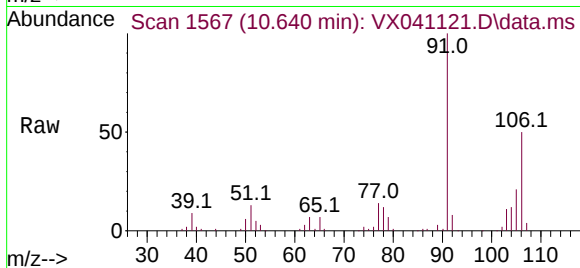
ClientSampleId :

Tgt Ion:106 Resp: 18742

Ion Ratio Lower Upper

106 100

91 201.3 145.4 270.0



#55

Styrene

Concen: 4.003 ug/L

RT: 10.658 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX041121.D

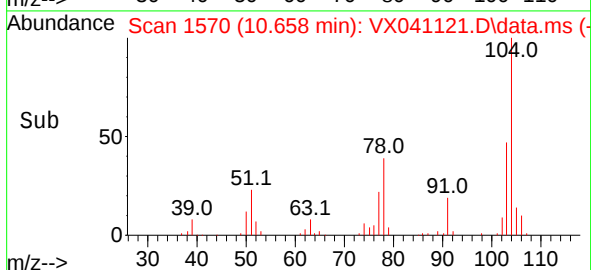
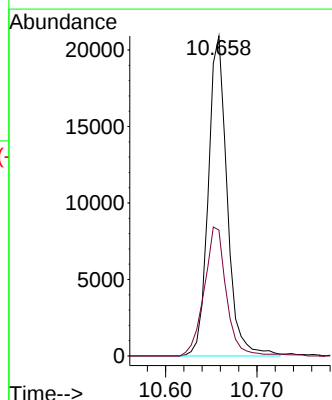
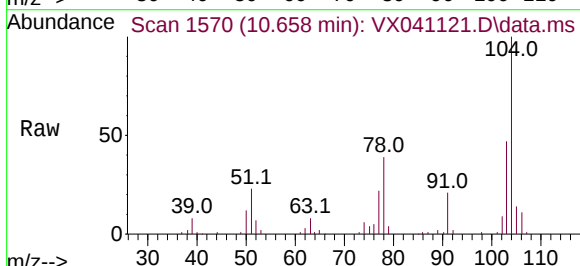
Acq: 17 Apr 2024 13:05

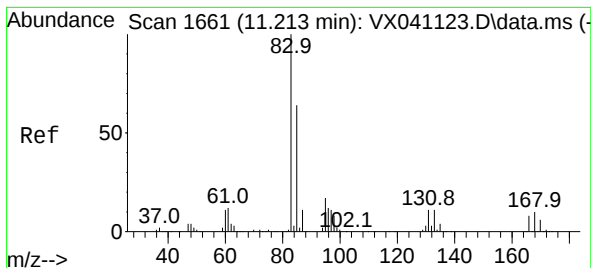
Tgt Ion:104 Resp: 29984

Ion Ratio Lower Upper

104 100

78 39.3 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 4.328 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX041121.D

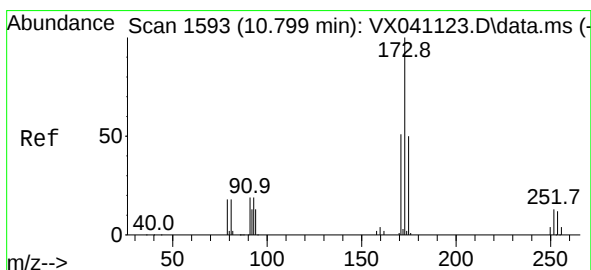
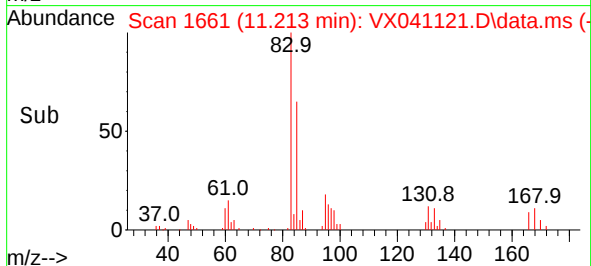
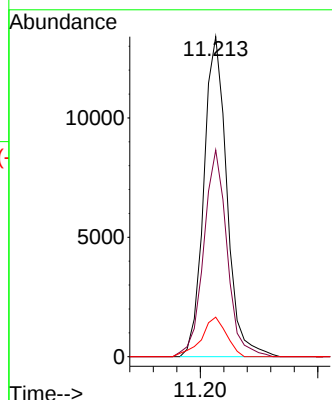
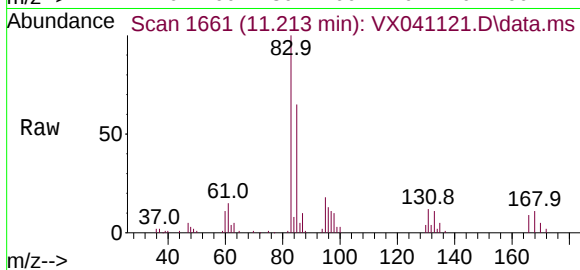
Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	83	Resp:	18246
Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.0	83.6
131	12.3	9.0	13.4



#59

Bromoform

Concen: 3.798 ug/L

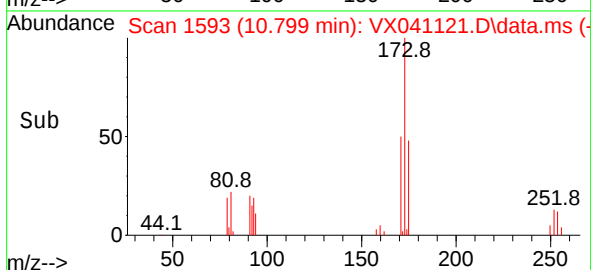
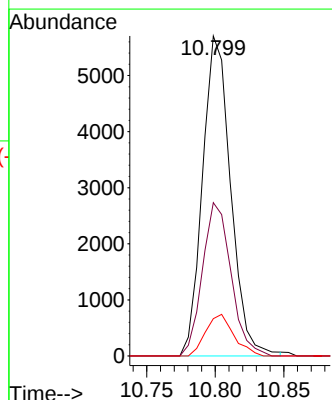
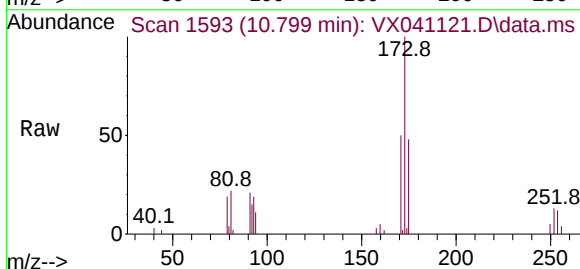
RT: 10.799 min Scan# 1593

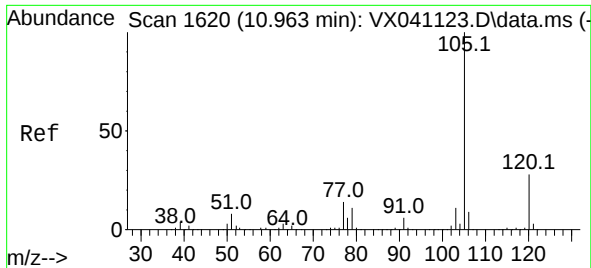
Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Tgt Ion:	173	Resp:	8155
Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.4	59.2
254	12.9	10.5	15.7

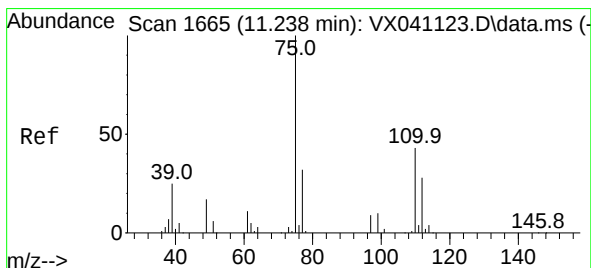
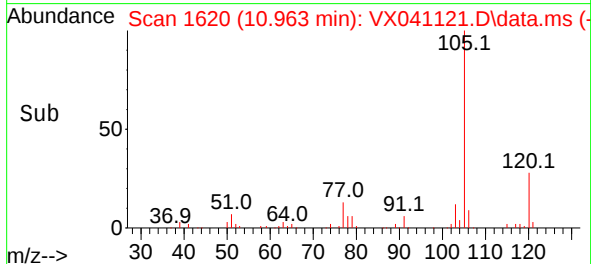
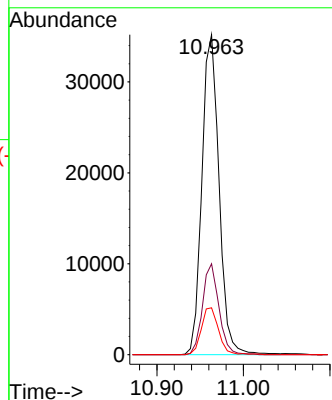
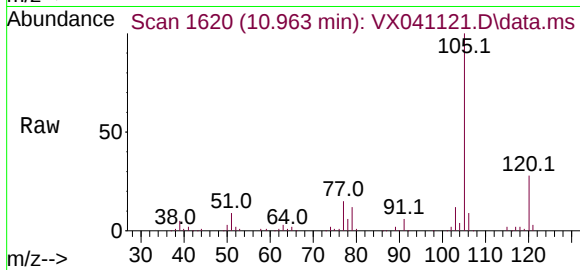




#60
Isopropylbenzene
Concen: 4.319 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

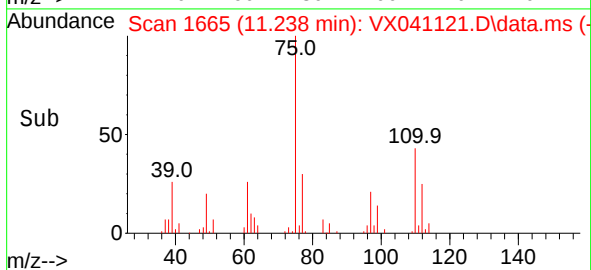
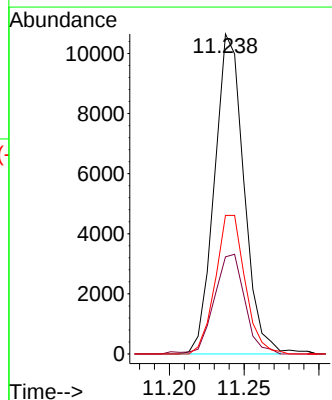
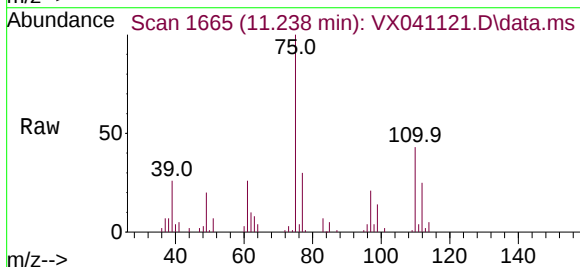
Instrument :
MSVOA_X
ClientSampleId :

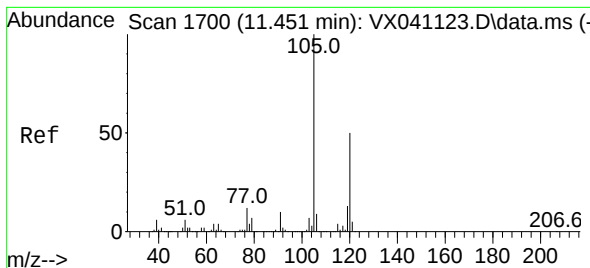
Tgt Ion:105 Resp: 48434
Ion Ratio Lower Upper
105 100
120 27.2 21.8 32.8
77 14.5 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 4.647 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

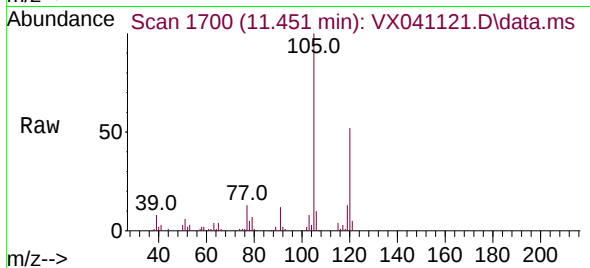
Tgt Ion: 75 Resp: 14566
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
110 43.7 35.0 52.6



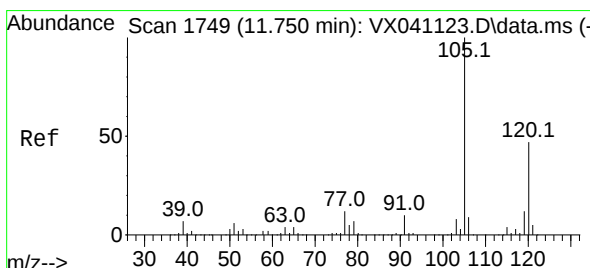
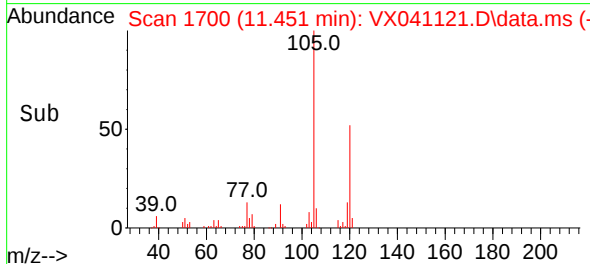
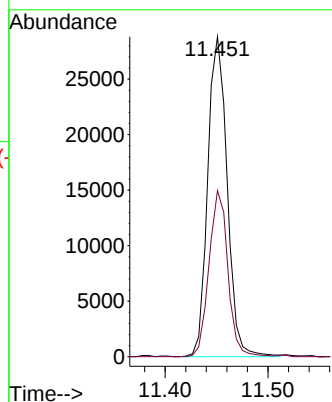


#62
 1,3,5-Trimethylbenzene
 Concen: 4.138 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX041121.D
 Acq: 17 Apr 2024 13:05

Instrument :
 MSVOA_X
 ClientSampleId :

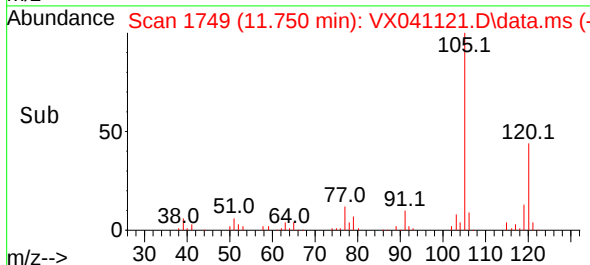
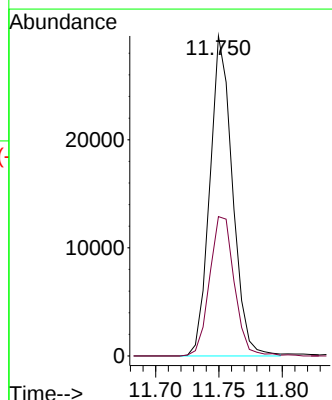
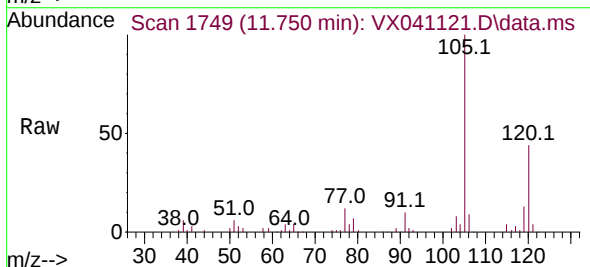


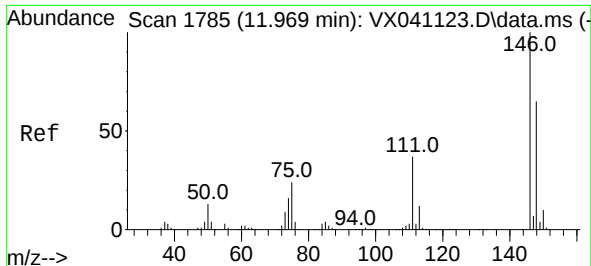
Tgt Ion:105 Resp: 37892
 Ion Ratio Lower Upper
 105 100
 120 50.3 41.2 61.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.052 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX041121.D
 Acq: 17 Apr 2024 13:05

Tgt Ion:105 Resp: 36903
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.2 57.2





#64

1,3-Dichlorobenzene

Concen: 4.396 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

ClientSampleId :

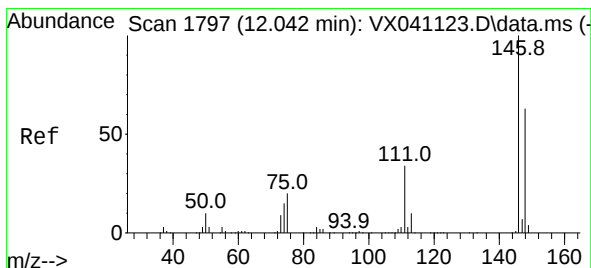
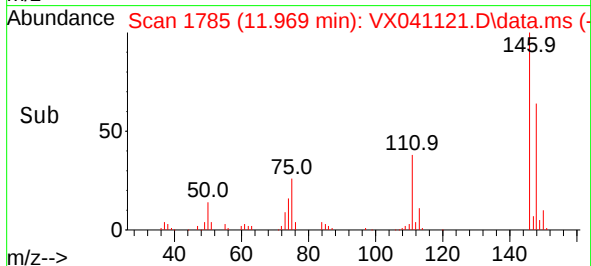
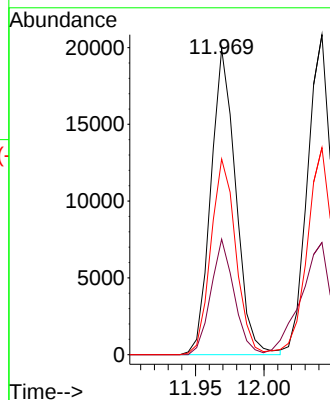
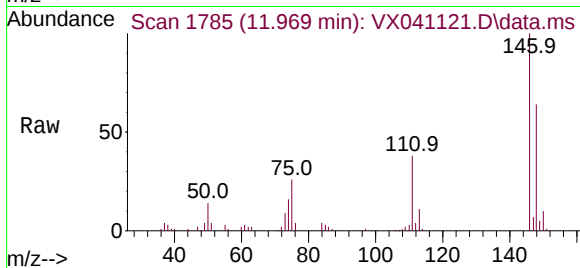
Tgt Ion:146 Resp: 25152

Ion Ratio Lower Upper

146 100

111 37.8 25.6 47.4

148 64.0 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 4.516 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

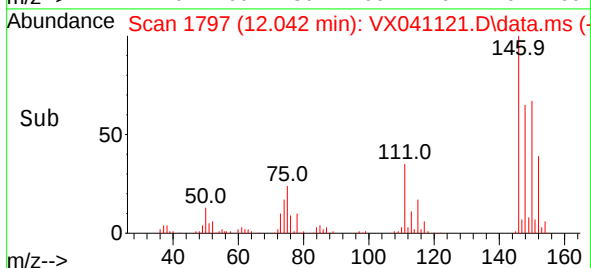
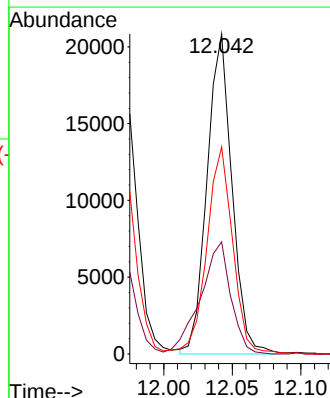
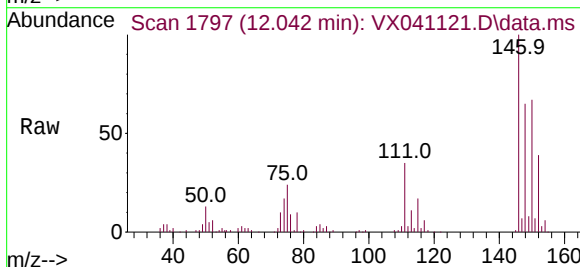
Tgt Ion:146 Resp: 26359

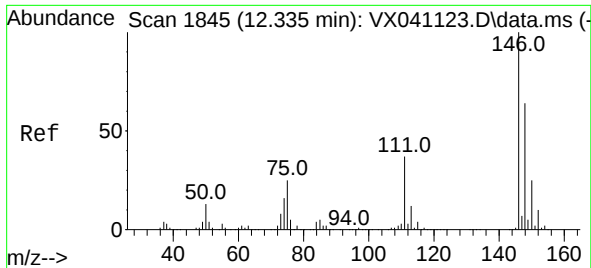
Ion Ratio Lower Upper

146 100

111 35.0 23.9 44.5

148 64.7 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.479 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

ClientSampleId :

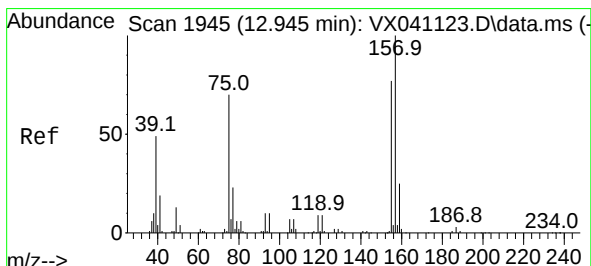
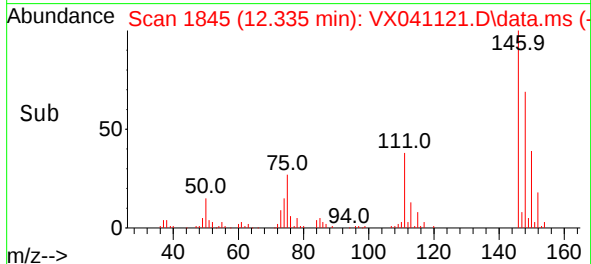
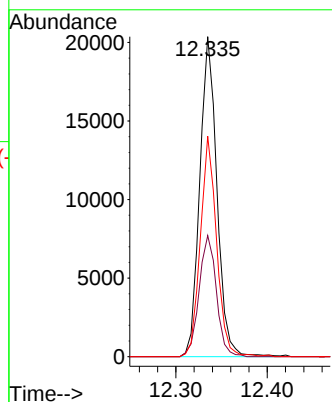
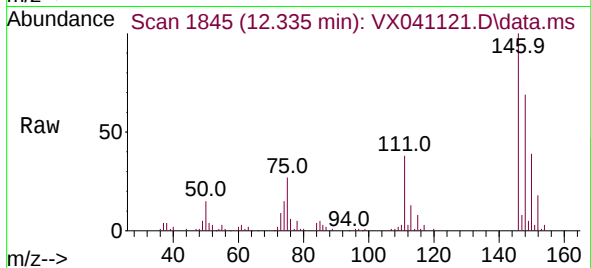
Tgt Ion:146 Resp: 26577

Ion Ratio Lower Upper

146 100

111 37.8 30.0 45.0

148 68.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 3.788 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

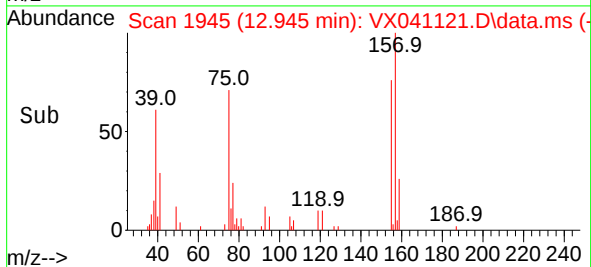
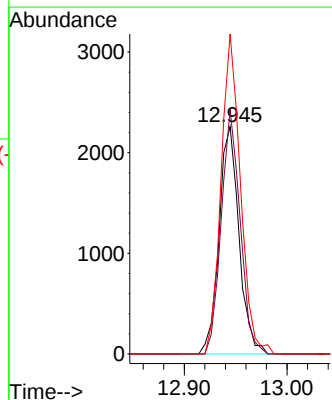
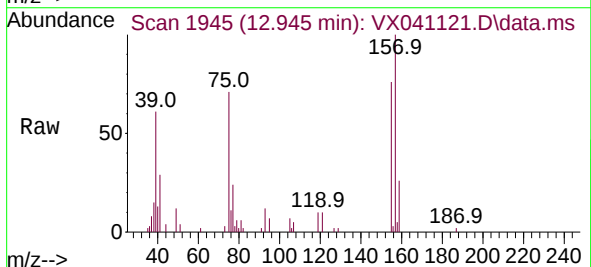
Tgt Ion: 75 Resp: 3030

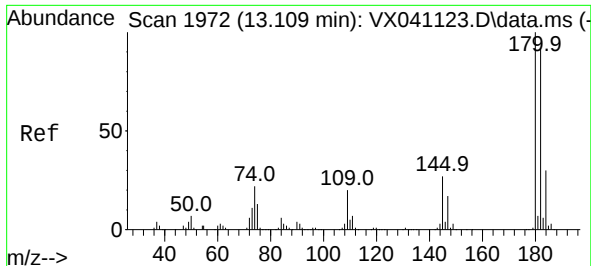
Ion Ratio Lower Upper

75 100

155 107.5 89.0 133.6

157 140.7 115.1 172.7





#69

1,3,5-Trichlorobenzene

Concen: 4.185 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. -0.000 min

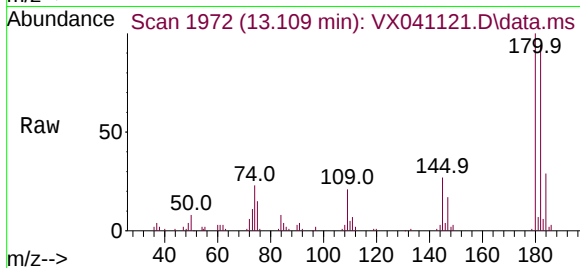
Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 18647

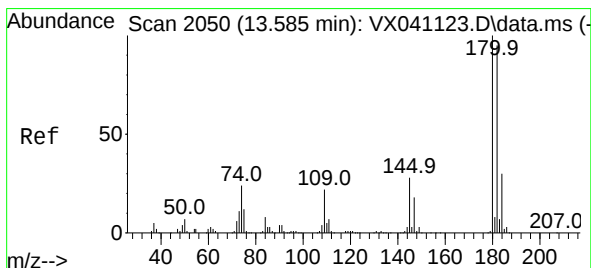
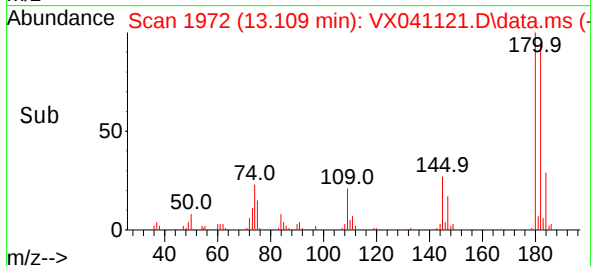
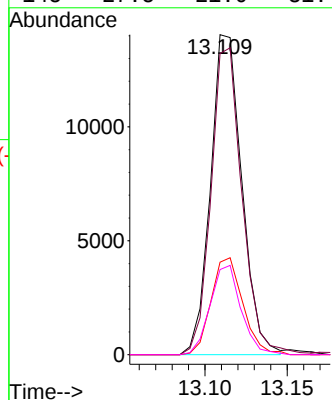
Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

184 30.8 24.3 36.5

145 27.5 21.0 31.4



#70

1,2,4-trichlorobenzene

Concen: 3.950 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041121.D

Acq: 17 Apr 2024 13:05

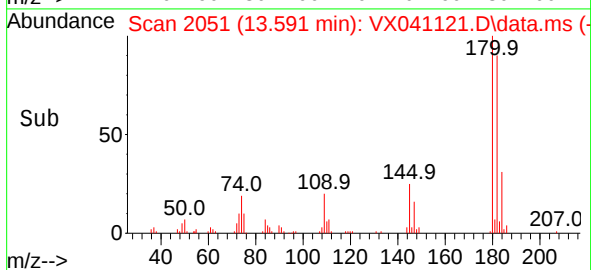
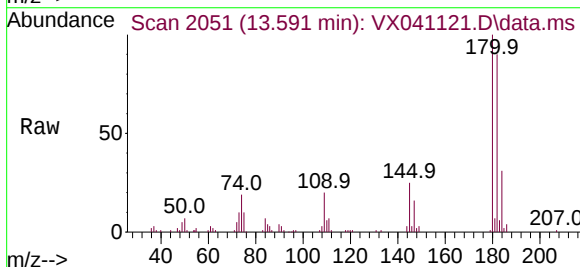
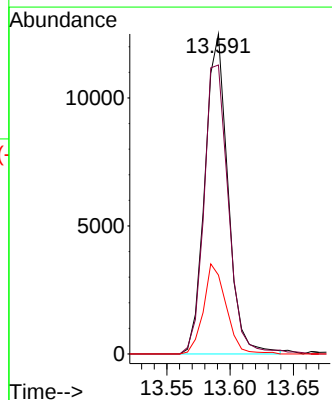
Tgt Ion:180 Resp: 15871

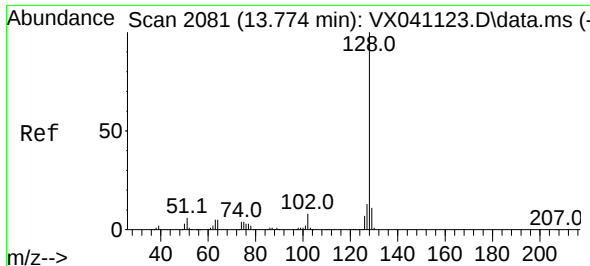
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 27.5 21.8 32.6

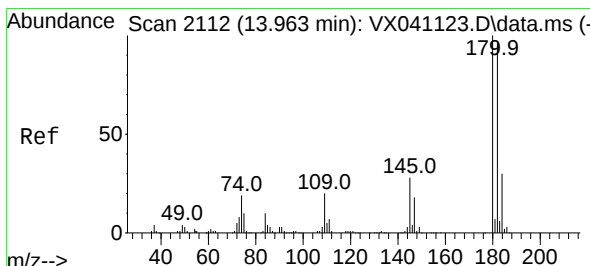
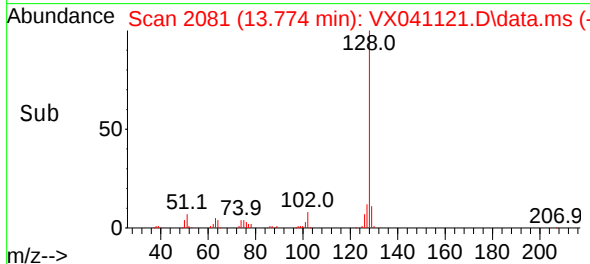
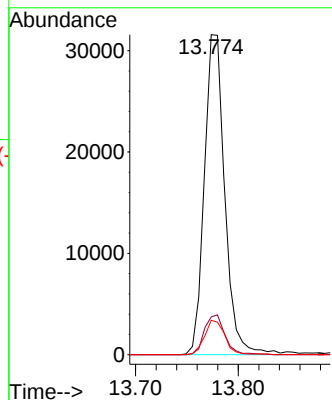
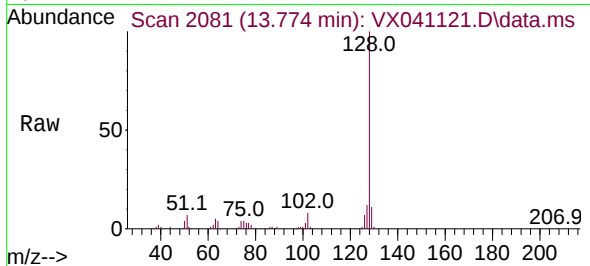




#71
Naphthalene
Concen: 3.795 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 43773
Ion Ratio Lower Upper
128 100
127 12.2 10.4 15.6
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 4.064 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041121.D
Acq: 17 Apr 2024 13:05

Tgt Ion:180 Resp: 17050
Ion Ratio Lower Upper
180 100
182 97.9 76.5 114.7
145 29.6 23.1 34.7

