

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041125.D
 Acq On : 17 Apr 2024 14:37
 Operator : JC/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 01:29:14 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	6.763	114	299168	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	278753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	162076	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	453625	211.905	ug/L	0.00
7) Chloroethane-d5	1.648	69	216504	205.743	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	196265	214.002	ug/L	0.00
21) 2-Butanone-d5	4.471	46	453804	371.348	ug/L	0.00
24) Chloroform-d	5.056	84	856863	217.466	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	522979	208.870	ug/L	0.00
32) Benzene-d6	5.971	84	1703729	212.187	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	502375	216.153	ug/L	0.00
41) Toluene-d8	8.647	98	1591789	211.330	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	255348	245.592	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	438174	464.360	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	724831	213.757	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	723174	207.481	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	395013	211.020	ug/L	100
3) Chloromethane	1.301	50	373721	208.556	ug/L	99
5) Vinyl chloride	1.374	62	407415	211.015	ug/L	100
6) Bromomethane	1.599	94	210974	208.529	ug/L	100
8) Chloroethane	1.666	64	137123	189.780	ug/L	96
9) Trichlorofluoromethane	1.855	101	582142	201.078	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	422702	215.557	ug/L	99
12) 1,1-Dichloroethene	2.307	96	353392	210.935	ug/L	97
13) Acetone	2.398	43	385766	393.556	ug/L	99
14) Carbon disulfide	2.496	76	845420	259.312	ug/L	100
15) Methyl Acetate	2.709	43	437762	210.235	ug/L	99
16) Methylene chloride	2.782	84	389760	210.898	ug/L	98
17) trans-1,2-Dichloroethene	3.081	96	372779	220.198	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	1274018	218.601	ug/L	100
19) 1,1-Dichloroethane	3.605	63	696668	215.966	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	442935	219.474	ug/L	97
22) 2-Butanone	4.568	43	636116	433.435	ug/L	98
23) Bromochloromethane	4.898	128	234567	223.237	ug/L	98
25) Chloroform	5.093	83	744015	214.688	ug/L	98
27) 1,2-Dichloroethane	6.086	62	577277	211.081	ug/L	98
29) Cyclohexane	5.458	56	611017	217.890	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	667741	220.797	ug/L	99
31) Carbon tetrachloride	5.672	117	601154	231.224	ug/L	99
33) Benzene	6.038	78	1521940	209.330	ug/L	100
34) Trichloroethene	7.123	95	426243	216.572	ug/L	98
35) Methylcyclohexane	7.379	83	661536	221.153	ug/L	99
37) 1,2-Dichloropropane	7.428	63	400420	212.385	ug/L	100
38) Bromodichloromethane	7.818	83	552966	229.451	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	676854	235.664	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	1207078	430.819	ug/L	97
42) Toluene	8.720	91	1651172	210.585	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	631358	241.342	ug/L	100

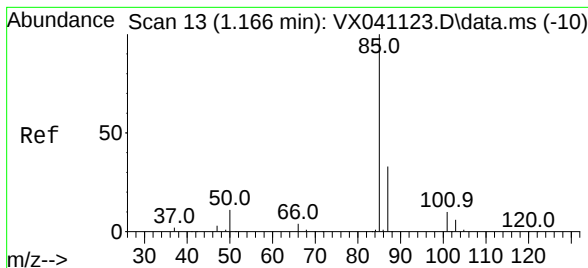
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 01:26:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	428114	210.681	ug/L	99
46) Tetrachloroethene	9.275	164	401955	213.305	ug/L	98
48) 2-Hexanone	9.433	43	944472	434.050	ug/L	99
49) Dibromochloromethane	9.525	129	487330	236.095	ug/L	98
50) 1,2-Dibromoethane	9.610	107	458620	216.689	ug/L	100
51) Chlorobenzene	10.080	112	1149905	210.407	ug/L	99
52) Ethylbenzene	10.195	91	1861869	213.122	ug/L	98
53) m,p-Xylene	10.299	106	757629	219.068	ug/L	98
54) o-Xylene	10.640	106	758689	219.044	ug/L	96
55) Styrene	10.653	104	1284881	222.925	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	680559	209.763	ug/L	98
59) Bromoform	10.799	173	431167	235.548	ug/L	100
60) Isopropylbenzene	10.964	105	1958201	204.842	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	517217	193.569	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1656738	212.248	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1660065	213.825	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	1020081	209.133	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	1028723	206.747	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	1030720	203.765	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	158035	231.755	ug/L	84
69) 1,3,5-Trichlorobenzene	13.109	180	841395	221.514	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	790123	230.670	ug/L	99
71) Naphthalene	13.774	128	2206342	224.418	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	786705	219.999	ug/L	99

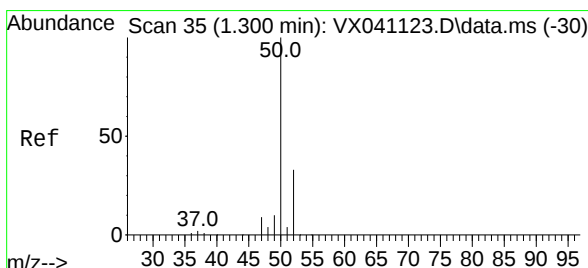
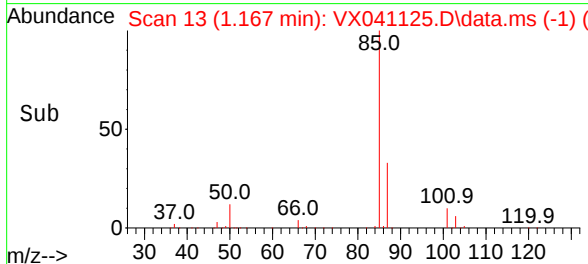
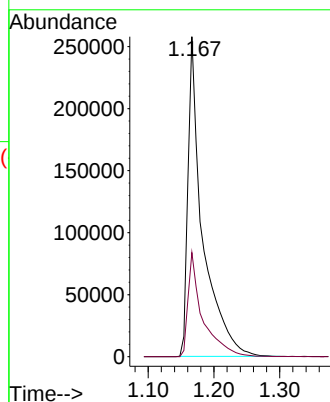
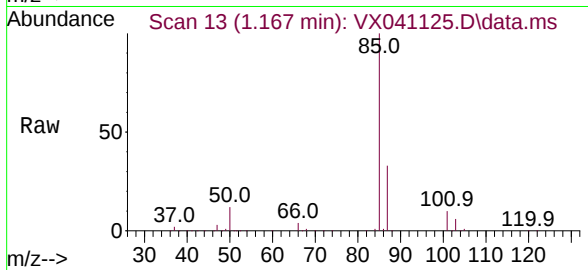
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 211.020 ug/L
 RT: 1.167 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX041125.D
 Acq: 17 Apr 2024 14:37

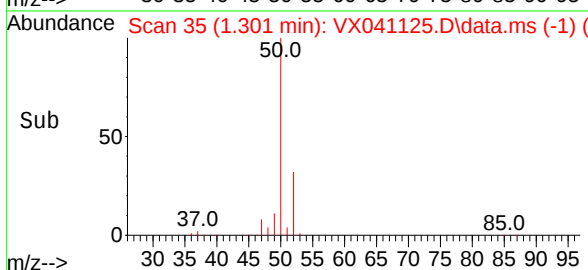
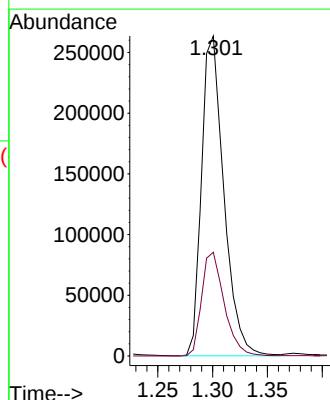
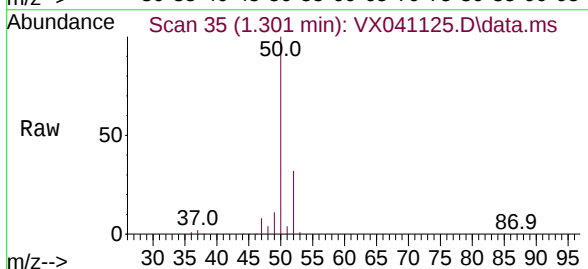
Instrument :
 MSVOA_X
 ClientSampleId :

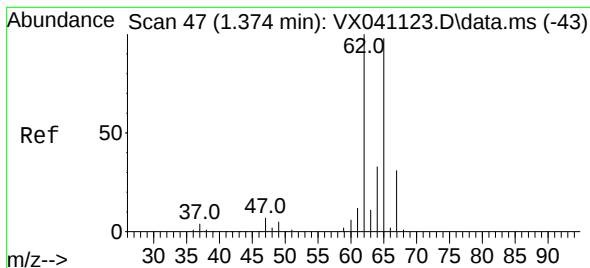
Tgt Ion: 85 Resp: 395013
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.2 39.2



#3
 Chloromethane
 Concen: 208.556 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX041125.D
 Acq: 17 Apr 2024 14:37

Tgt Ion: 50 Resp: 373721
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.2 43.2





#5

Vinyl chloride

Concen: 211.015 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

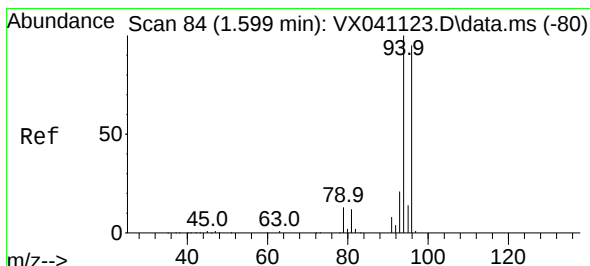
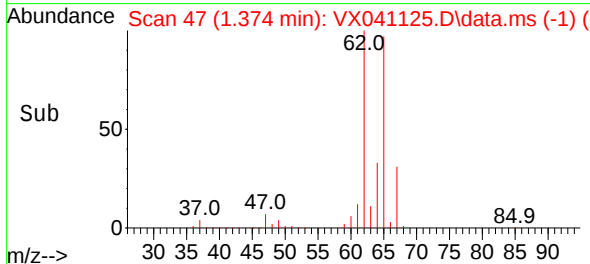
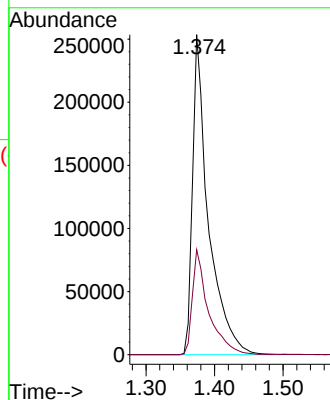
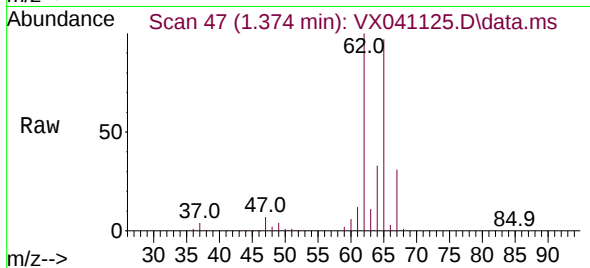
ClientSampleId :

Tgt Ion: 62 Resp: 407415

Ion Ratio Lower Upper

62 100

64 32.8 23.0 42.8



#6

Bromomethane

Concen: 208.529 ug/L

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041125.D

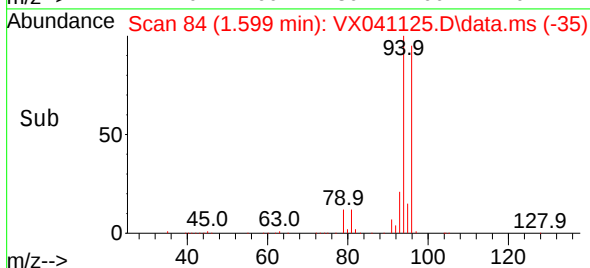
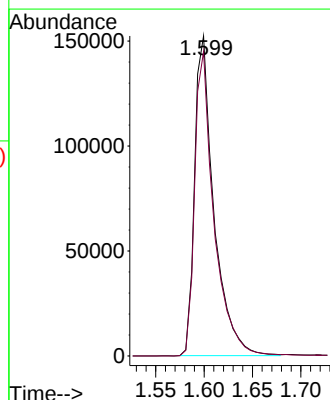
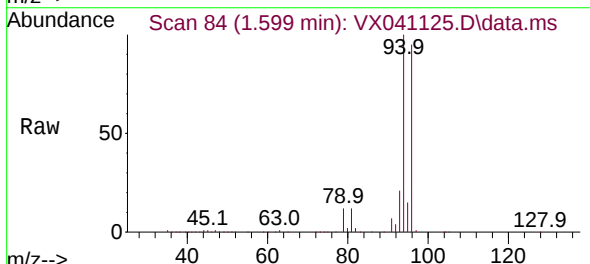
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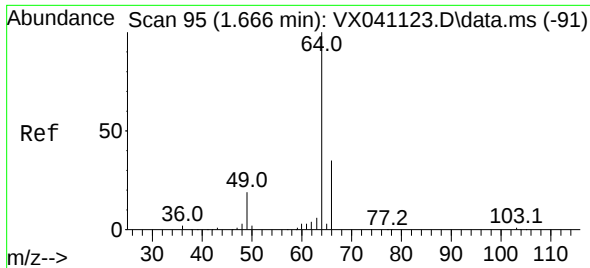
Tgt Ion: 94 Resp: 210974

Ion Ratio Lower Upper

94 100

96 95.1 66.5 123.5

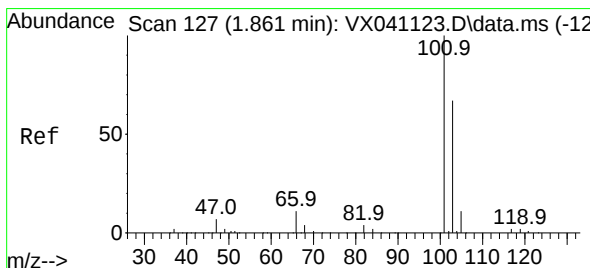
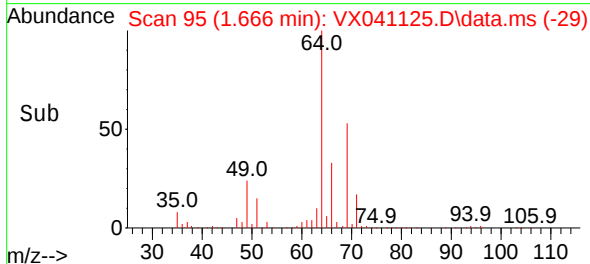
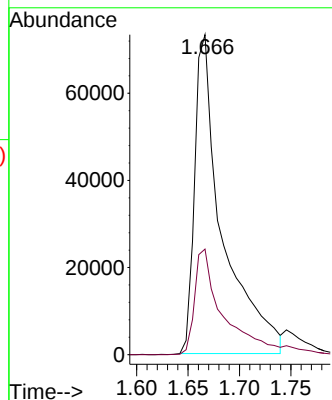
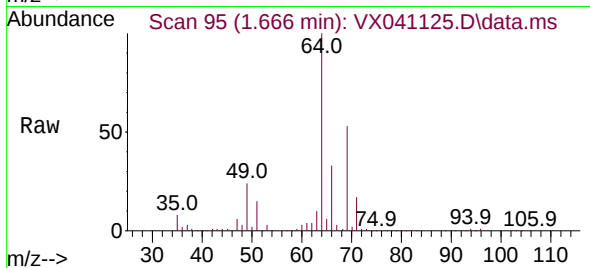




#8
Chloroethane
Concen: 189.780 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

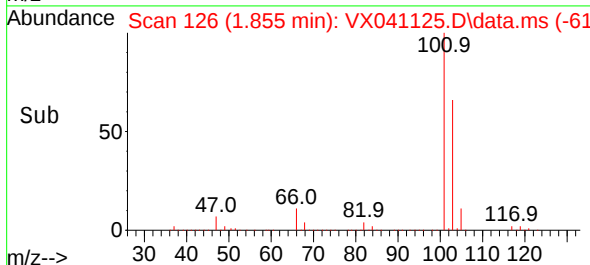
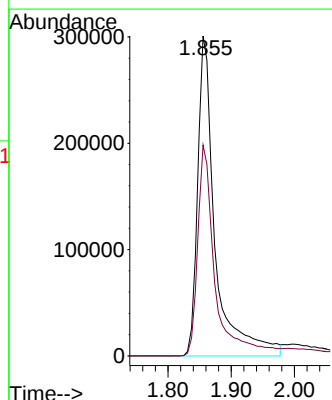
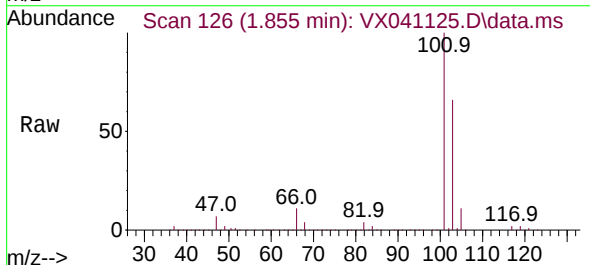
Instrument :
MSVOA_X
ClientSampleId :

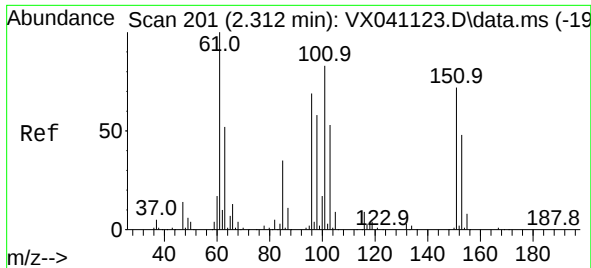
Tgt Ion: 64 Resp: 137123
Ion Ratio Lower Upper
64 100
66 33.0 24.7 45.9



#9
Trichlorofluoromethane
Concen: 201.078 ug/L
RT: 1.855 min Scan# 126
Delta R.T. -0.006 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

Tgt Ion:101 Resp: 582142
Ion Ratio Lower Upper
101 100
103 64.8 52.6 78.8

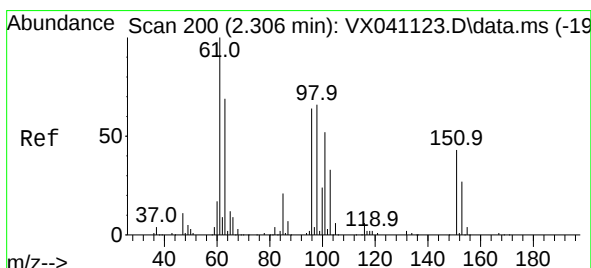
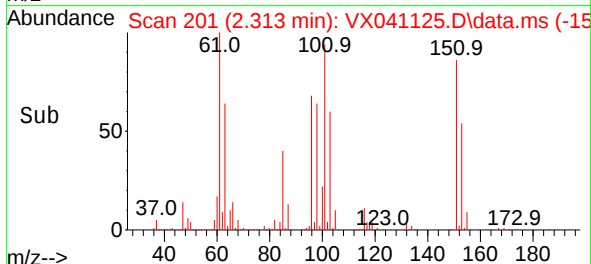
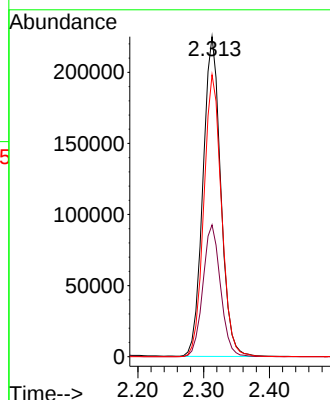
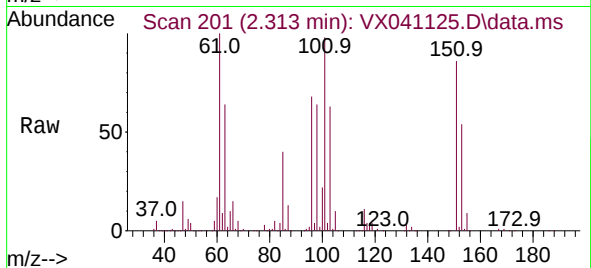




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 215.557 ug/L
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

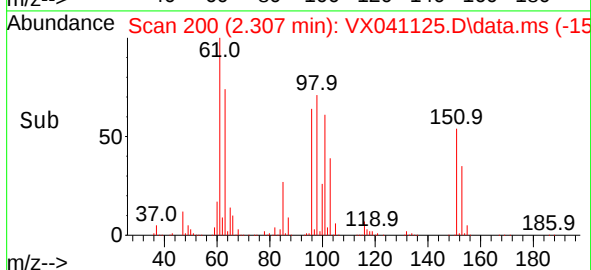
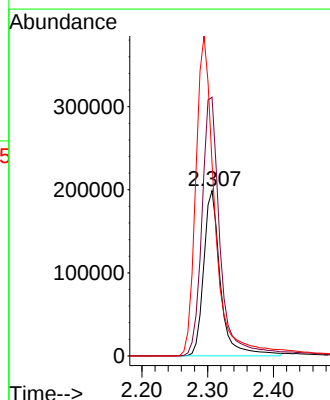
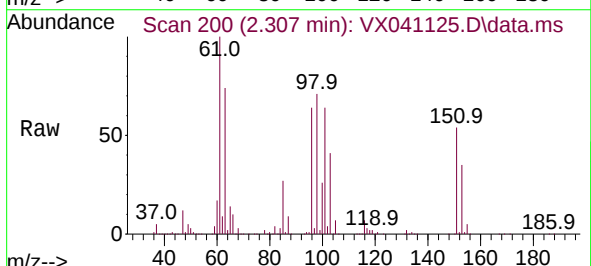
Instrument :
MSVOA_X
ClientSampleId :

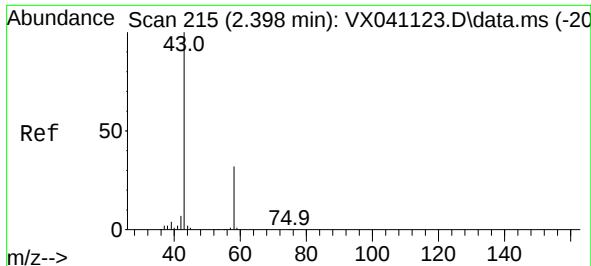
Tgt Ion:101 Resp: 422702
Ion Ratio Lower Upper
101 100
85 40.8 33.4 50.2
151 87.5 70.5 105.7



#12
1,1-Dichloroethene
Concen: 210.935 ug/L
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

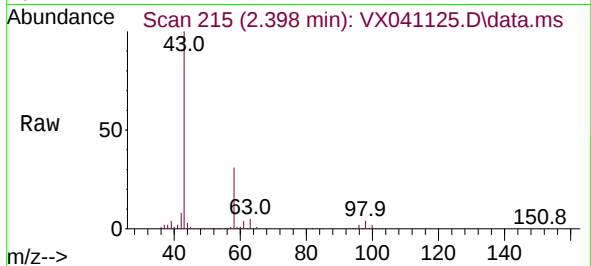
Tgt Ion: 96 Resp: 353392
Ion Ratio Lower Upper
96 100
61 156.5 110.3 204.9
63 116.5 77.4 143.8



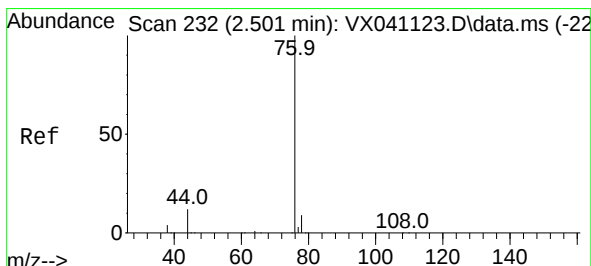
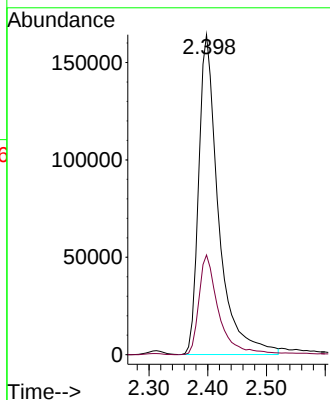
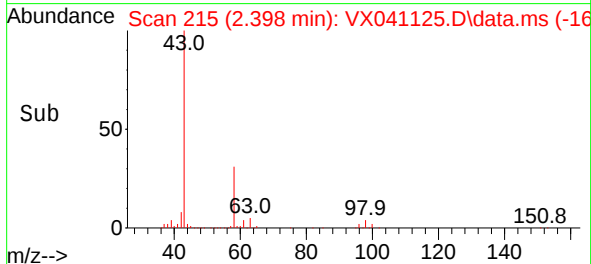


#13
Acetone
Concen: 393.556 ug/L
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :

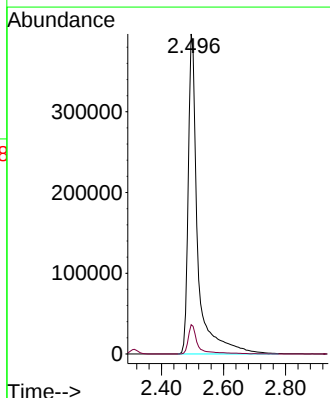
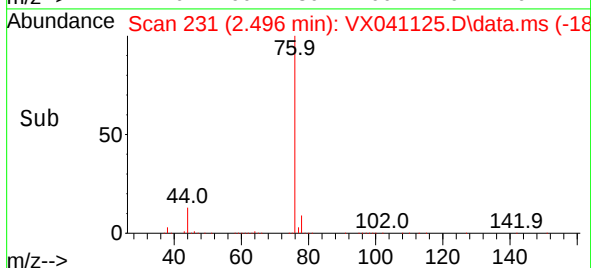
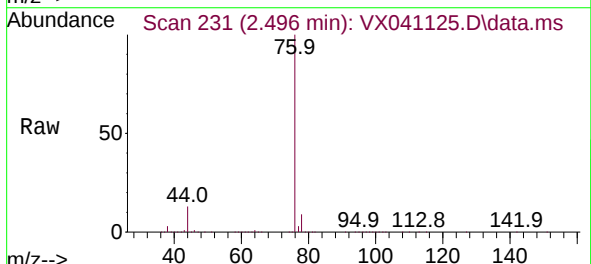


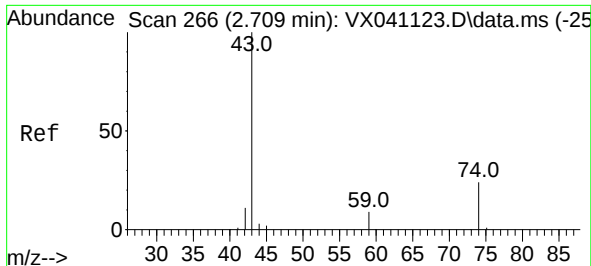
Tgt Ion: 43 Resp: 385766
Ion Ratio Lower Upper
43 100
58 31.6 0.0 62.4



#14
Carbon disulfide
Concen: 259.312 ug/L
RT: 2.496 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

Tgt Ion: 76 Resp: 845420
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 210.235 ug/L

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

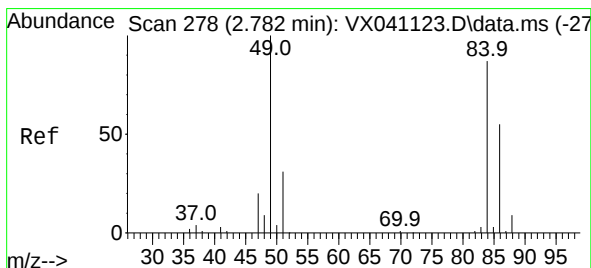
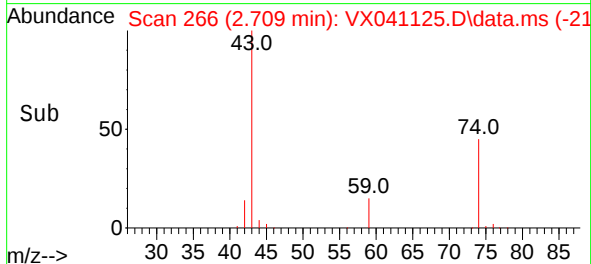
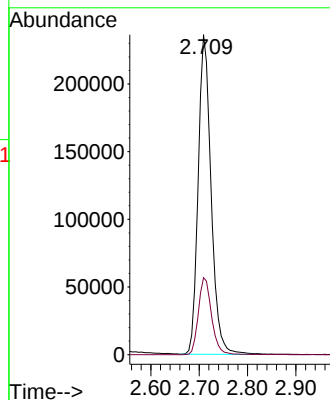
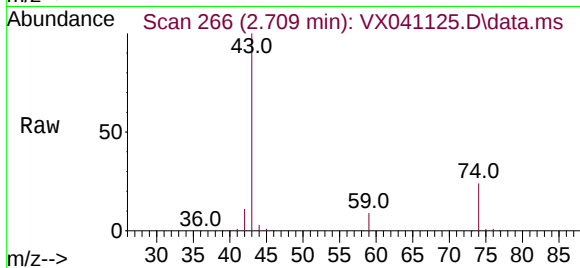
ClientSampleId :

Tgt Ion: 43 Resp: 437762

Ion Ratio Lower Upper

43 100

74 24.6 19.9 29.9



#16

Methylene chloride

Concen: 210.898 ug/L

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

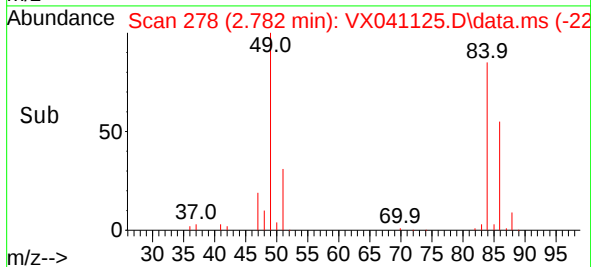
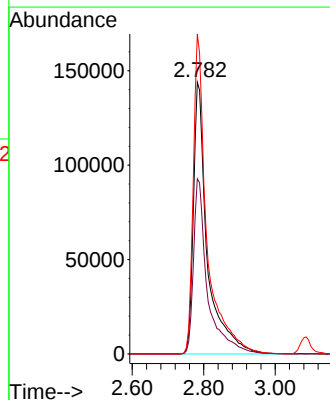
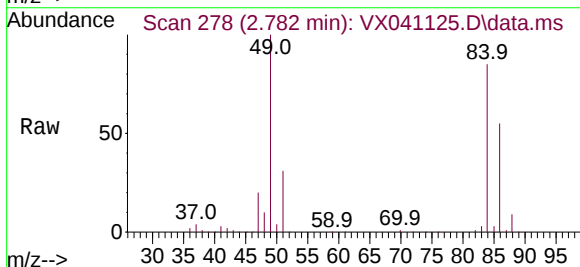
Tgt Ion: 84 Resp: 389760

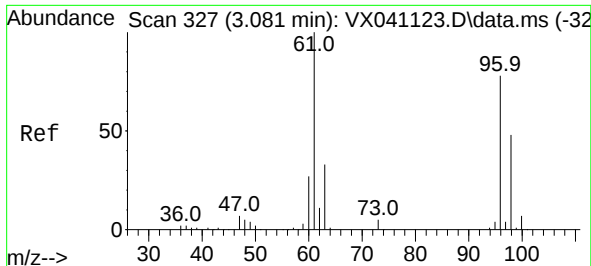
Ion Ratio Lower Upper

84 100

86 64.5 44.7 83.1

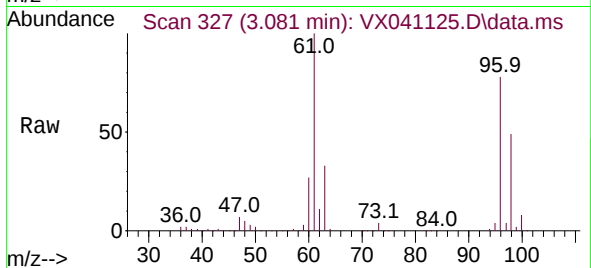
49 117.7 80.6 149.8



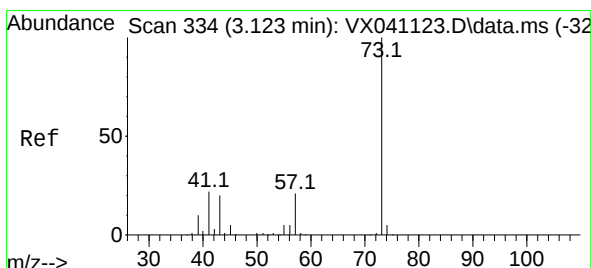
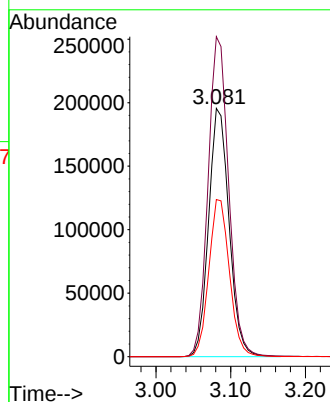
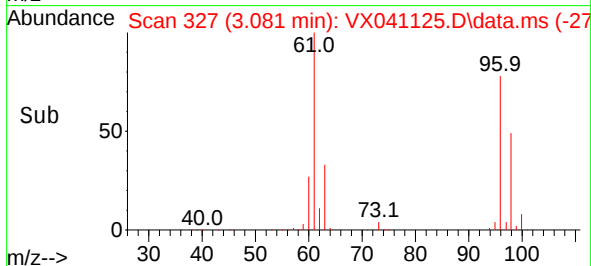


#17
trans-1,2-Dichloroethene
Concen: 220.198 ug/L
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :

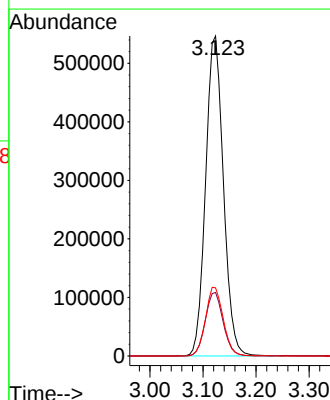
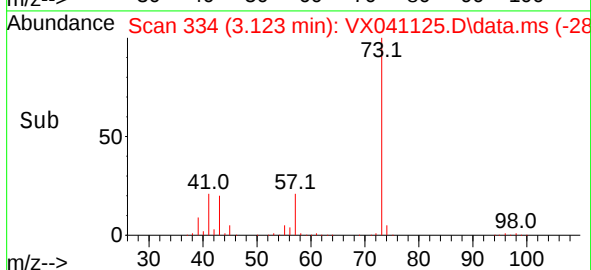
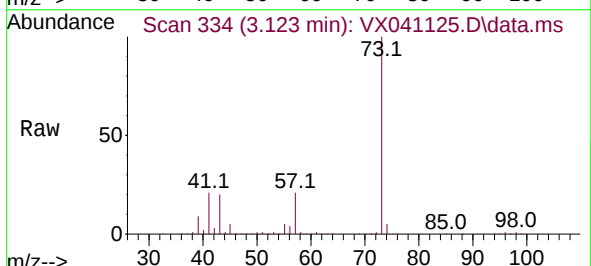


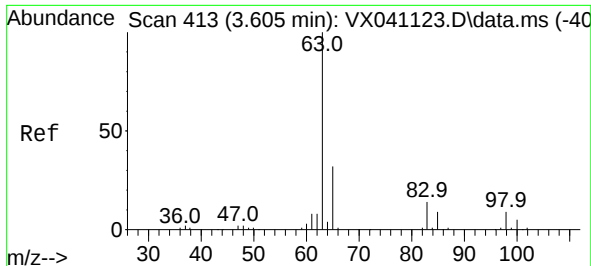
Tgt Ion: 96 Resp: 372779
Ion Ratio Lower Upper
96 100
61 128.9 89.6 166.4
98 63.3 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 218.601 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

Tgt Ion: 73 Resp: 1274018
Ion Ratio Lower Upper
73 100
43 19.9 16.1 24.1
57 21.4 17.0 25.4





#19

1,1-Dichloroethane

Concen: 215.966 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :

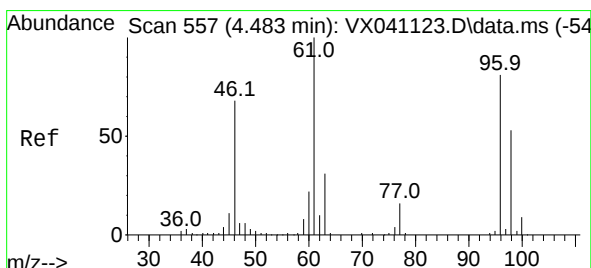
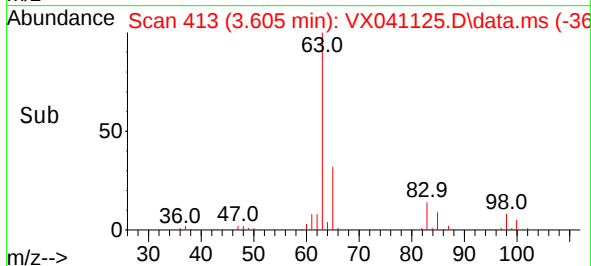
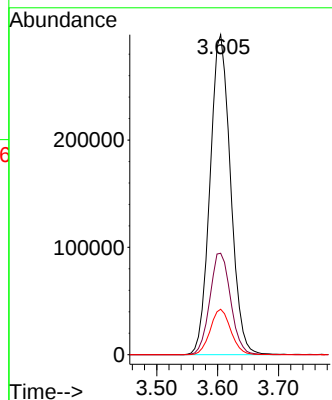
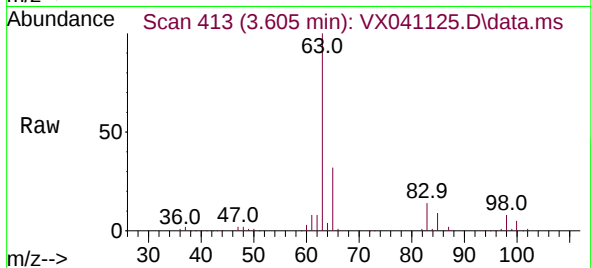
Tgt Ion: 63 Resp: 696668

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.3

83 14.2 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 219.474 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

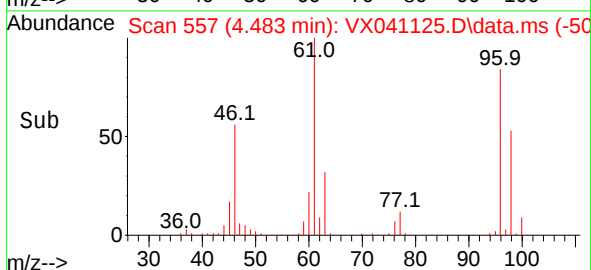
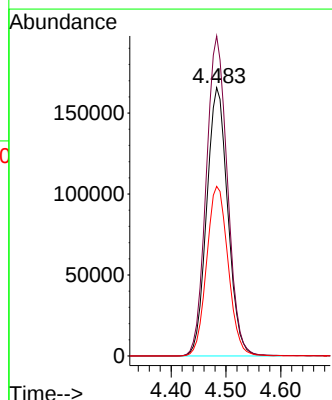
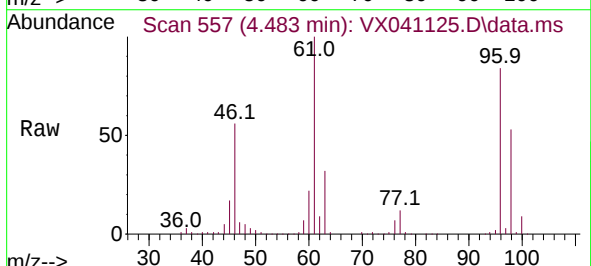
Tgt Ion: 96 Resp: 442935

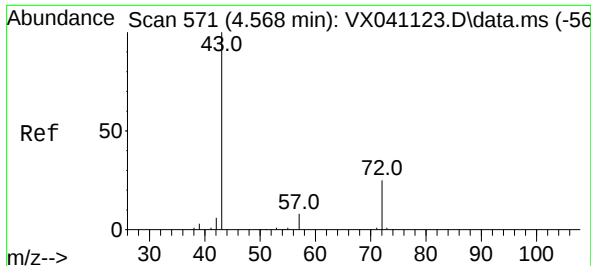
Ion Ratio Lower Upper

96 100

61 119.2 86.5 160.7

98 63.2 45.4 84.2

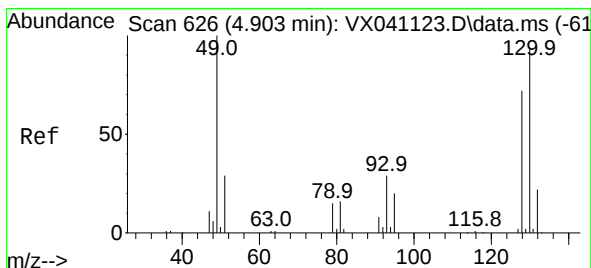
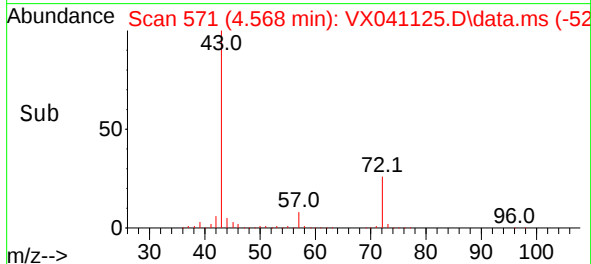
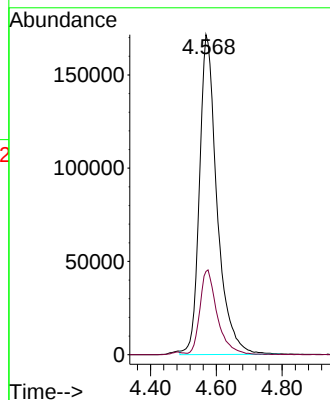
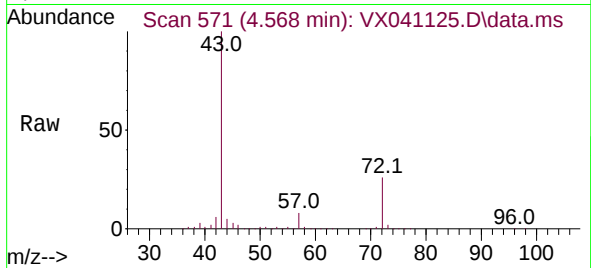




#22
2-Butanone
Concen: 433.435 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

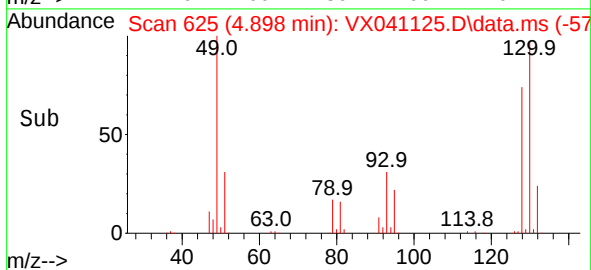
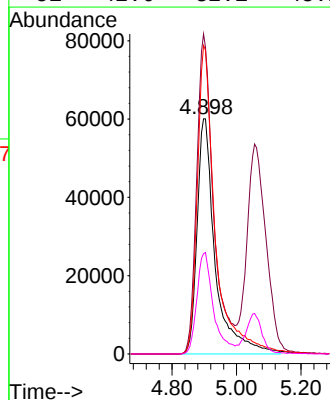
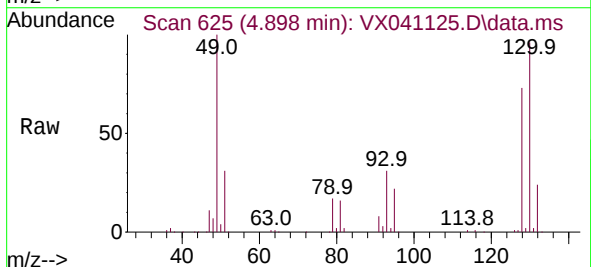
Instrument :
MSVOA_X
ClientSampleId :

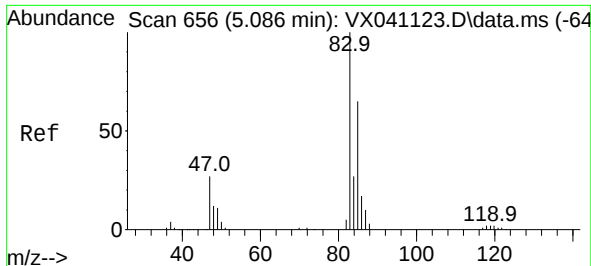
Tgt Ion: 43 Resp: 636116
Ion Ratio Lower Upper
43 100
72 26.0 12.5 37.5



#23
Bromochloromethane
Concen: 223.237 ug/L
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

Tgt Ion:128 Resp: 234567
Ion Ratio Lower Upper
128 100
49 136.1 97.2 180.6
130 131.2 90.6 168.2
51 42.6 32.1 48.1





#25

Chloroform

Concen: 214.688 ug/L

RT: 5.093 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

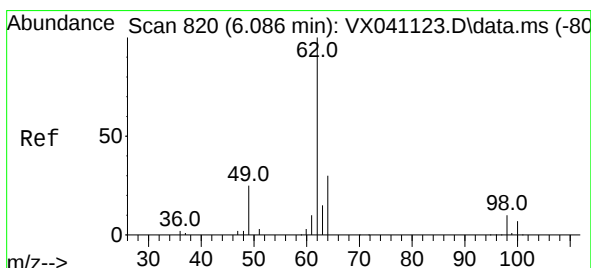
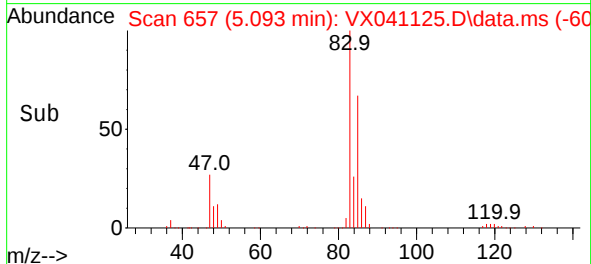
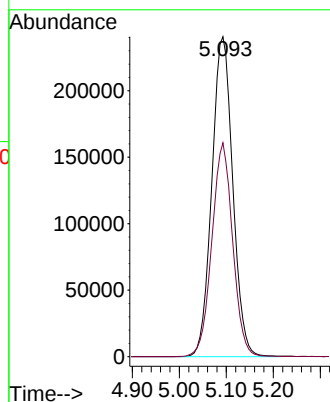
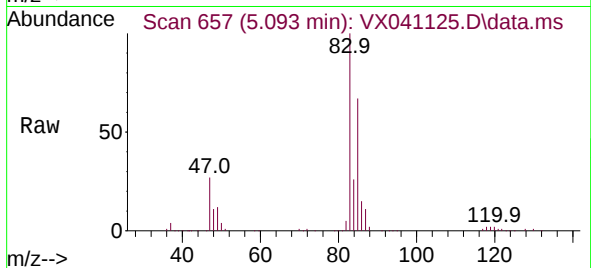
ClientSampleId :

Tgt Ion: 83 Resp: 744015

Ion Ratio Lower Upper

83 100

85 66.8 45.9 85.3



#27

1,2-Dichloroethane

Concen: 211.081 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX041125.D

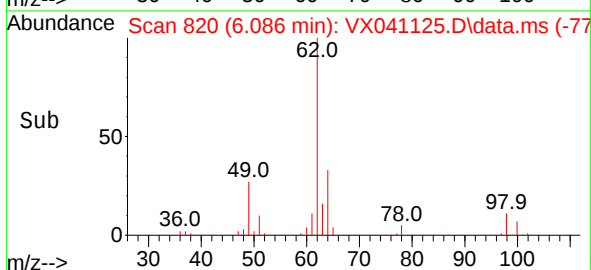
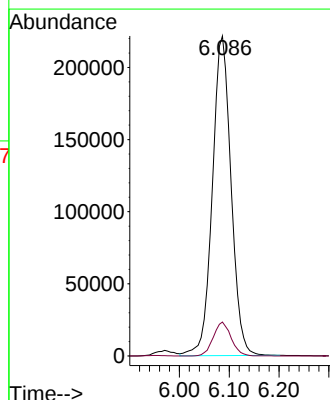
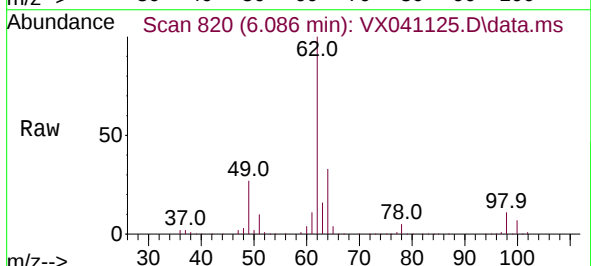
Acq: 17 Apr 2024 14:37

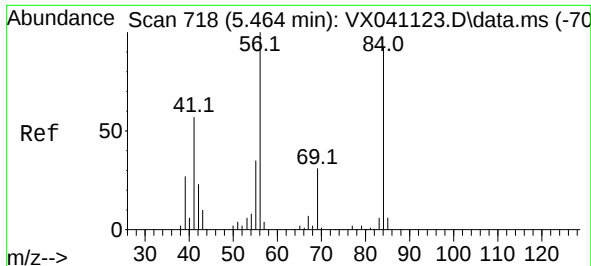
Tgt Ion: 62 Resp: 577277

Ion Ratio Lower Upper

62 100

98 10.6 7.9 11.9





#29

Cyclohexane

Concen: 217.890 ug/L

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

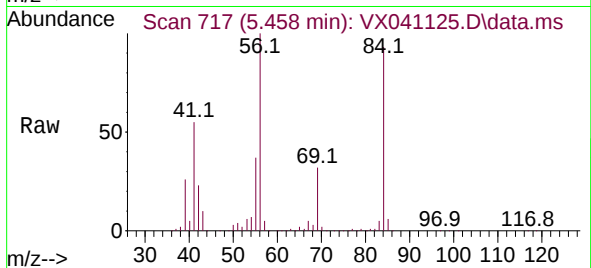
Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :



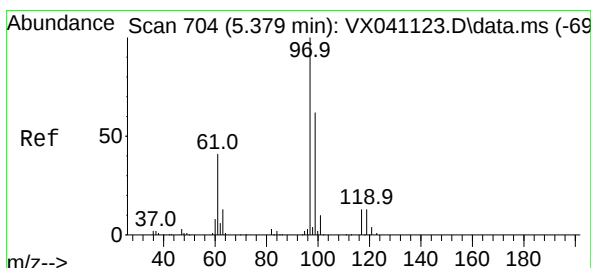
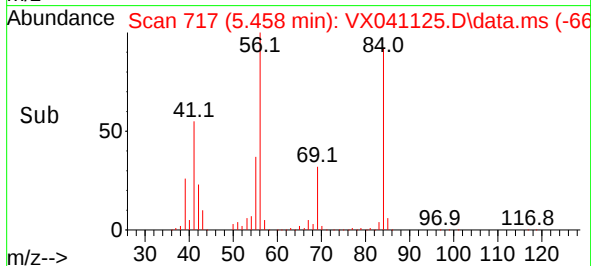
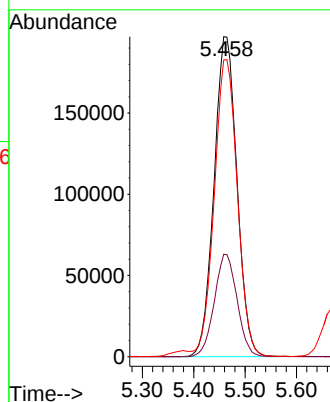
Tgt Ion: 56 Resp: 611017

Ion Ratio Lower Upper

56 100

69 31.7 25.1 37.7

84 93.2 75.0 112.6



#30

1,1,1-Trichloroethane

Concen: 220.797 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

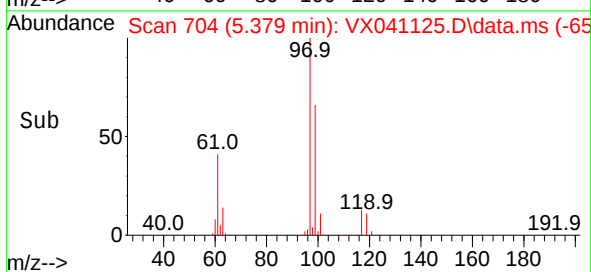
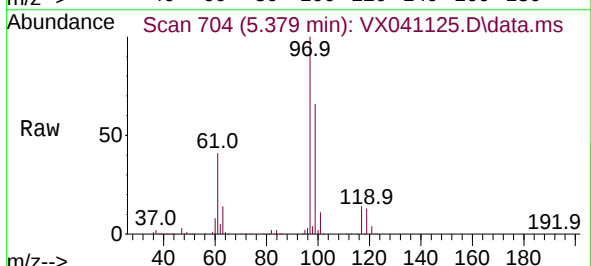
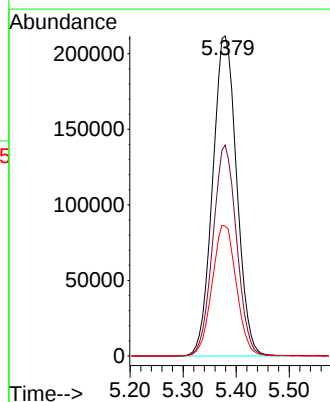
Tgt Ion: 97 Resp: 667741

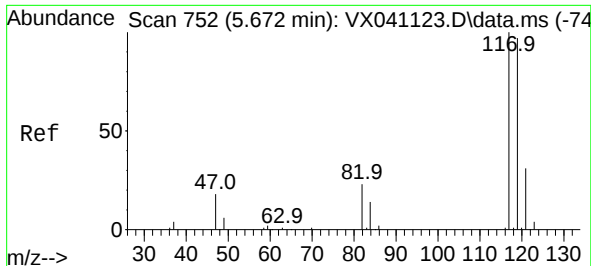
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.2

61 41.2 33.9 50.9

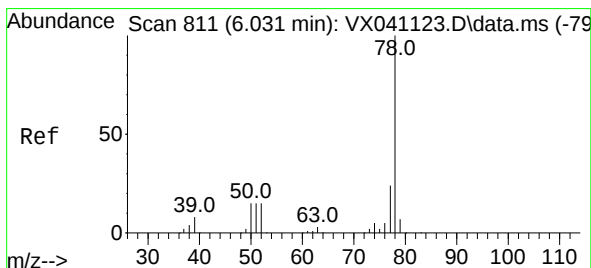
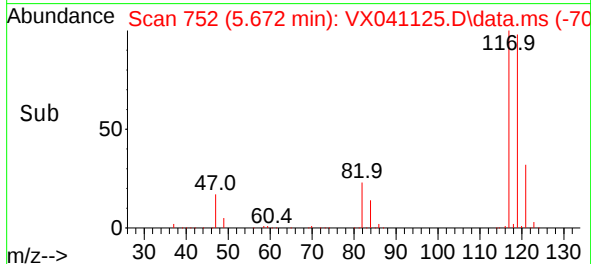
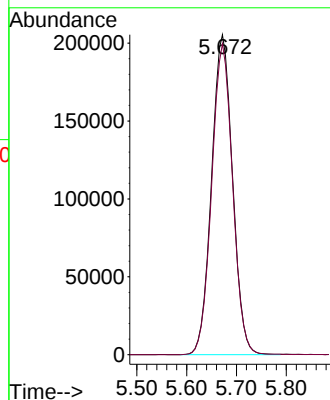
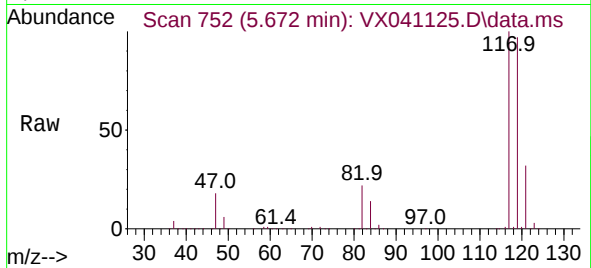




#31
Carbon tetrachloride
Concen: 231.224 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

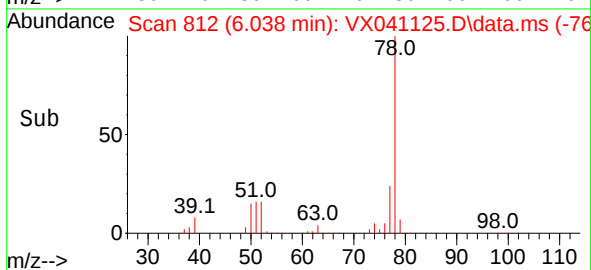
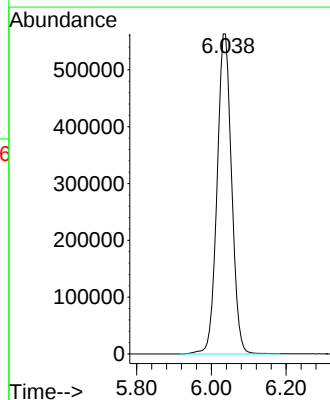
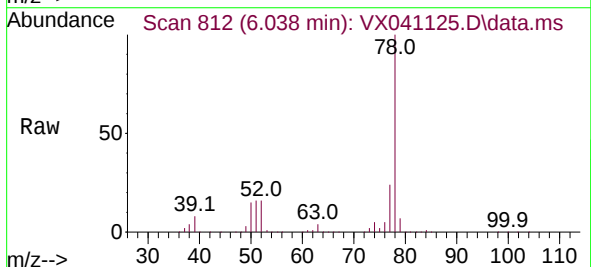
Instrument :
MSVOA_X
ClientSampleId :

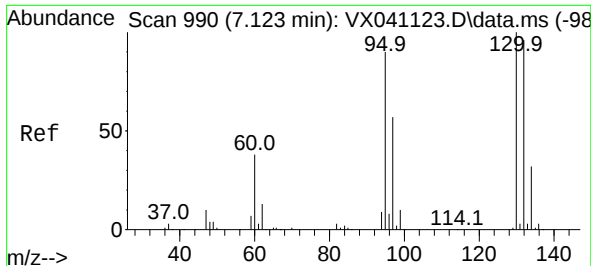
Tgt Ion:117 Resp: 601154
Ion Ratio Lower Upper
117 100
119 96.5 78.1 117.1



#33
Benzene
Concen: 209.330 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

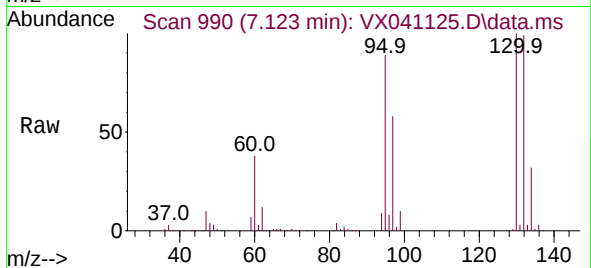
Tgt Ion: 78 Resp: 1521940



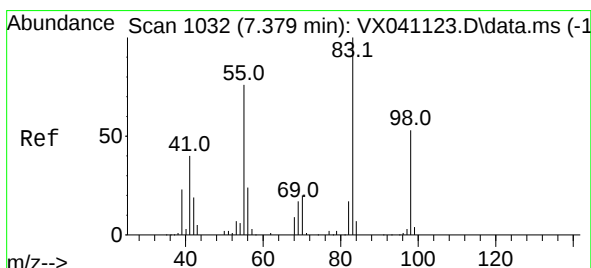
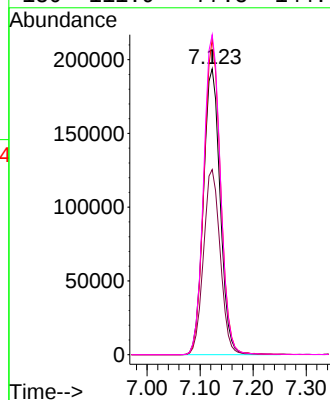
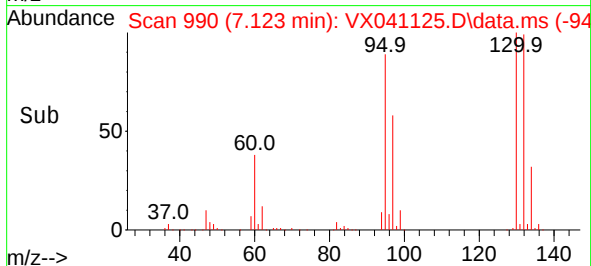


#34
Trichloroethene
Concen: 216.572 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

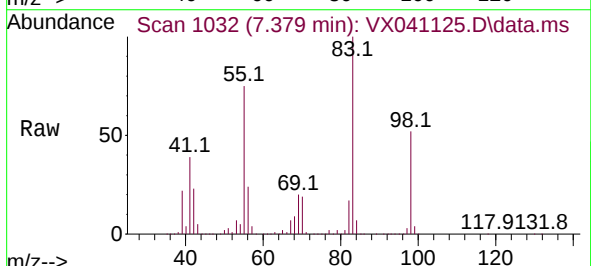
Instrument :
MSVOA_X
ClientSampleId :



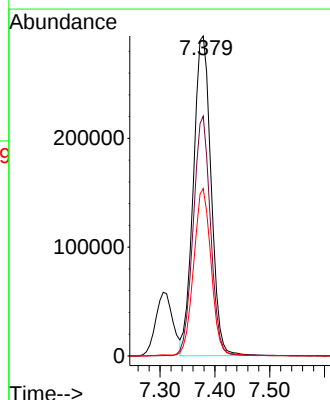
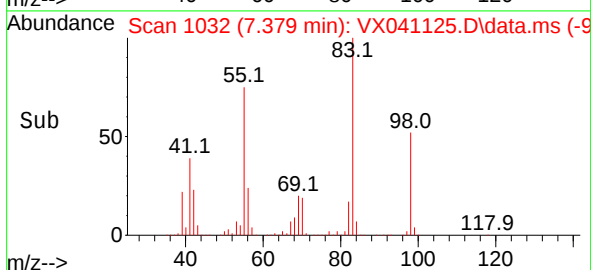
Tgt Ion: 95 Resp: 426243
Ion Ratio Lower Upper
95 100
97 64.7 44.1 81.9
132 110.5 74.6 138.6
130 111.9 77.8 144.6

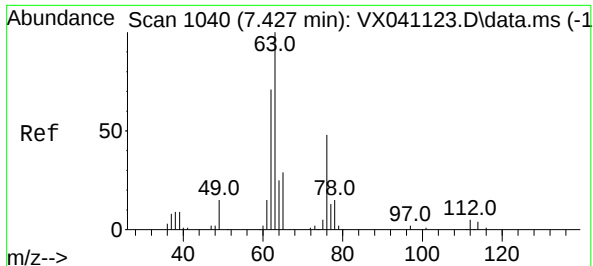


#35
Methylcyclohexane
Concen: 221.153 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37



Tgt Ion: 83 Resp: 661536
Ion Ratio Lower Upper
83 100
55 73.0 58.7 88.1
98 51.8 40.5 60.7

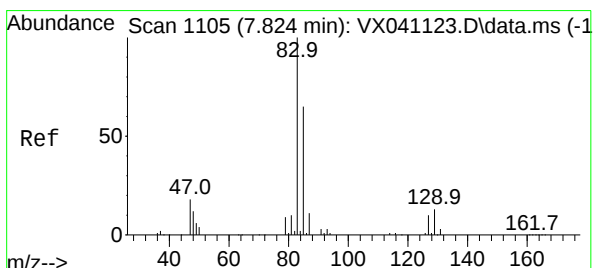
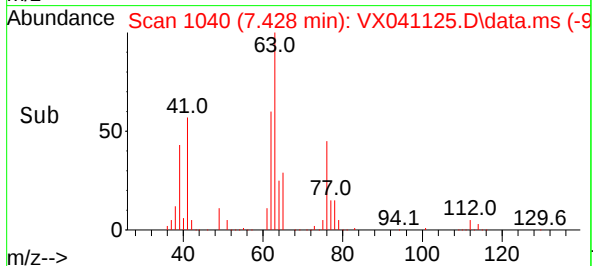
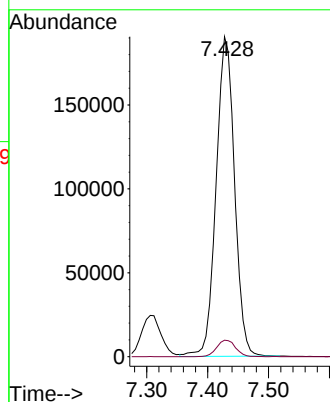
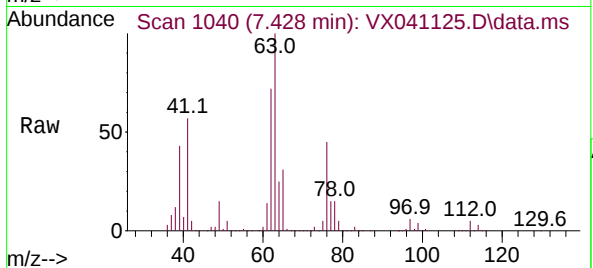




#37
1,2-Dichloropropane
Concen: 212.385 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

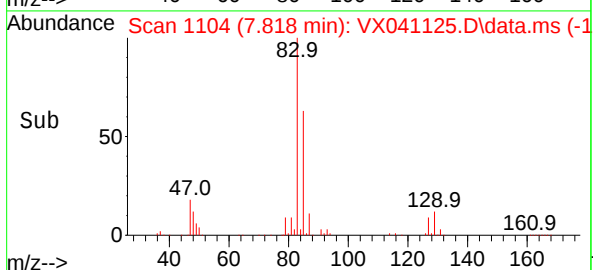
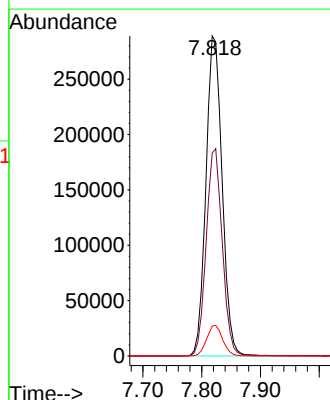
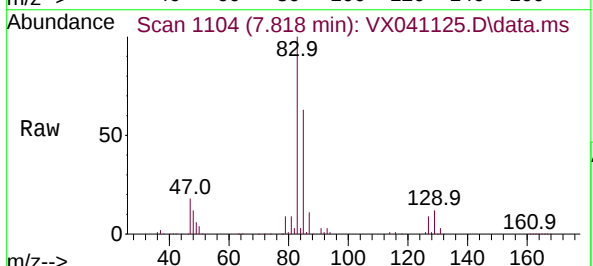
Instrument :
MSVOA_X
ClientSampleId :

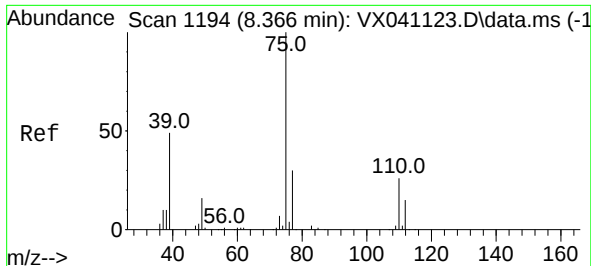
Tgt Ion: 63 Resp: 400420
Ion Ratio Lower Upper
63 100
112 5.3 4.2 6.4



#38
Bromodichloromethane
Concen: 229.451 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

Tgt Ion: 83 Resp: 552966
Ion Ratio Lower Upper
83 100
85 63.4 45.6 84.8
127 9.3 7.8 11.8

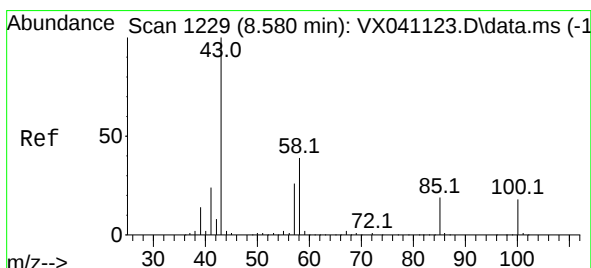
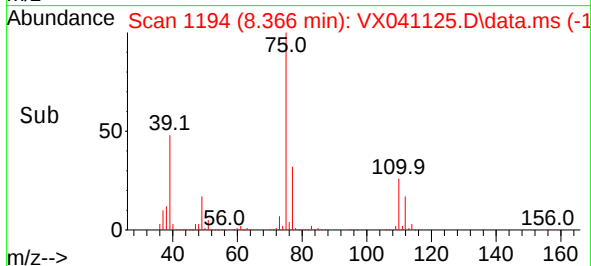
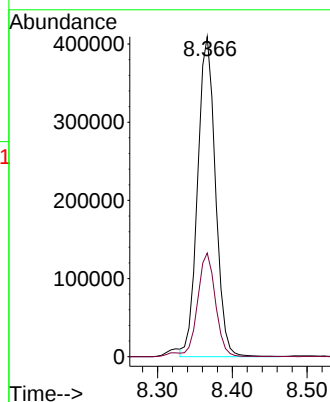
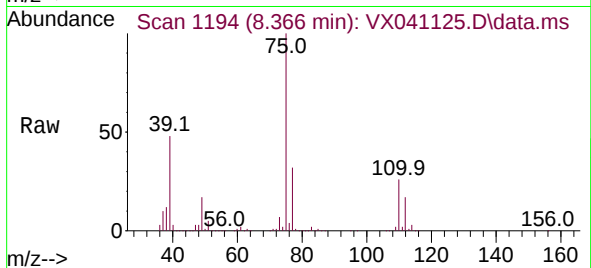




#39
cis-1,3-Dichloropropene
Concen: 235.664 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

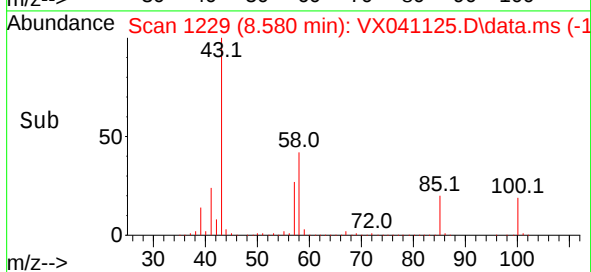
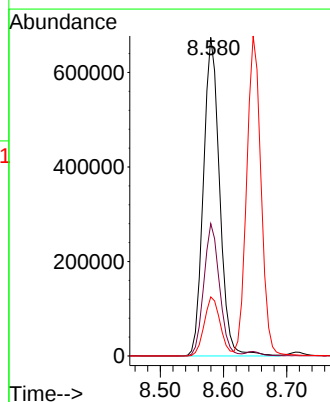
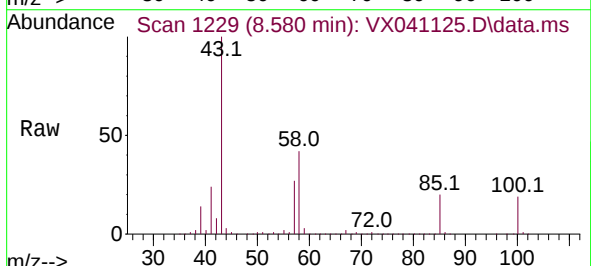
Instrument :
MSVOA_X
ClientSampleId :

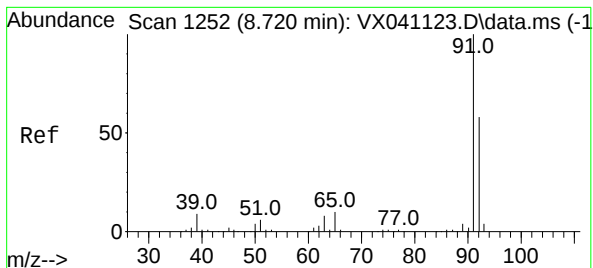
Tgt Ion: 75 Resp: 676854
Ion Ratio Lower Upper
75 100
77 32.4 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 430.819 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

Tgt Ion: 43 Resp: 1207078
Ion Ratio Lower Upper
43 100
58 40.2 30.6 46.0
100 18.4 13.8 20.6





#42

Toluene

Concen: 210.585 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

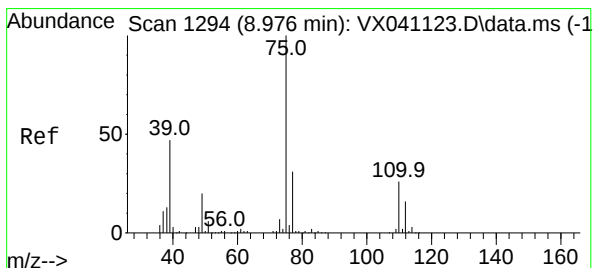
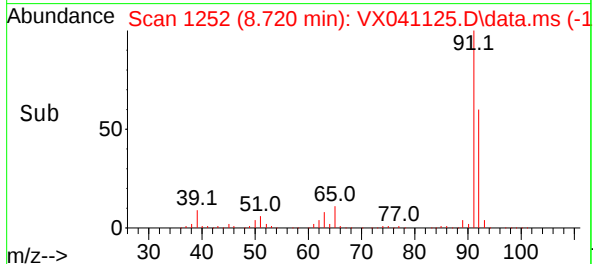
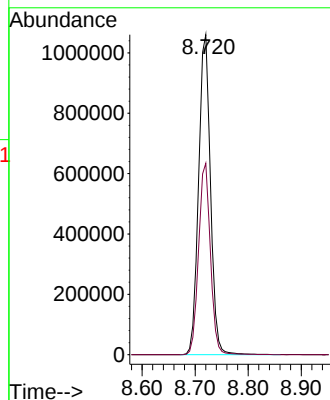
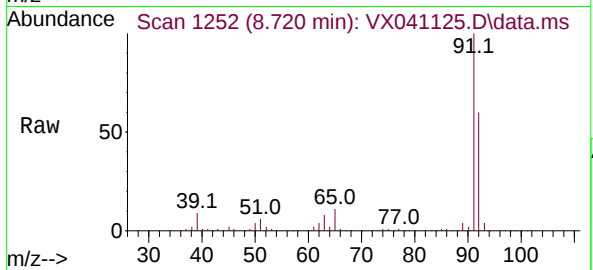
ClientSampleId :

Tgt Ion: 91 Resp: 1651172

Ion Ratio Lower Upper

91 100

92 59.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 241.342 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041125.D

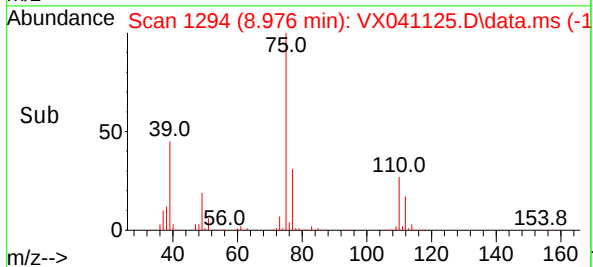
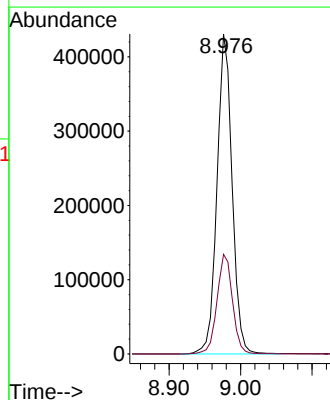
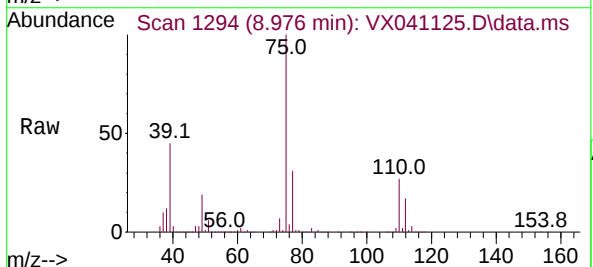
Acq: 17 Apr 2024 14:37

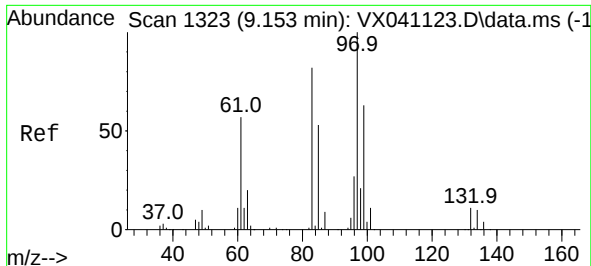
Tgt Ion: 75 Resp: 631358

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 210.681 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 428114

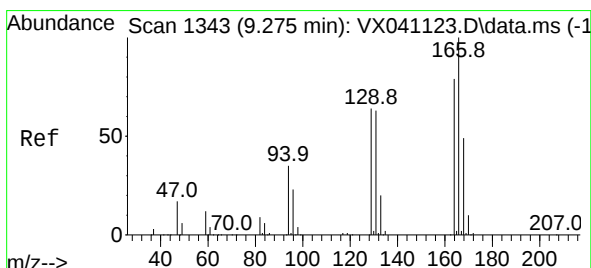
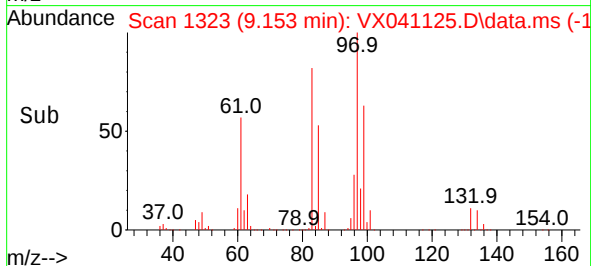
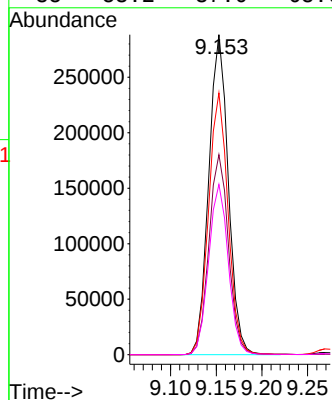
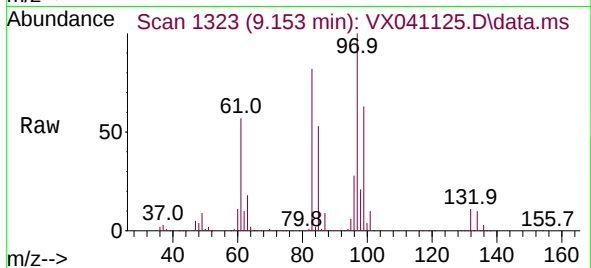
Ion Ratio Lower Upper

97 100

99 62.5 44.4 82.4

83 81.8 57.3 106.5

85 53.2 37.0 68.6



#46

Tetrachloroethene

Concen: 213.305 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Tgt Ion:164 Resp: 401955

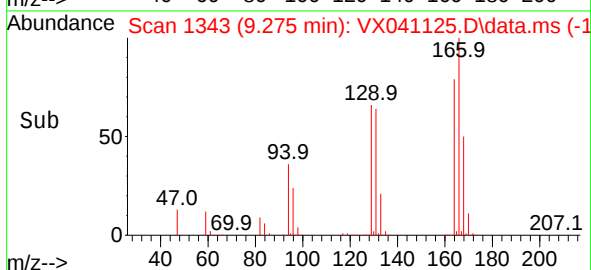
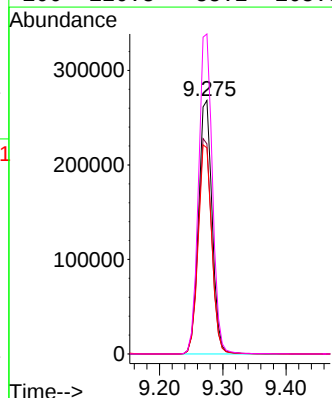
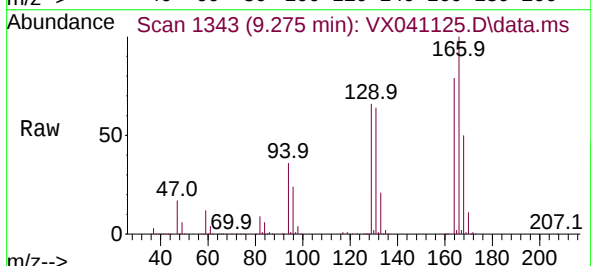
Ion Ratio Lower Upper

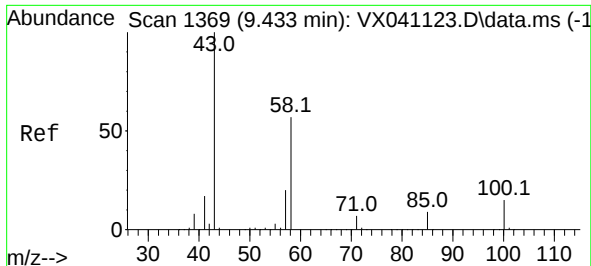
164 100

129 82.9 56.5 104.9

131 81.3 55.2 102.4

166 126.3 88.2 163.8





#48

2-Hexanone

Concen: 434.050 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

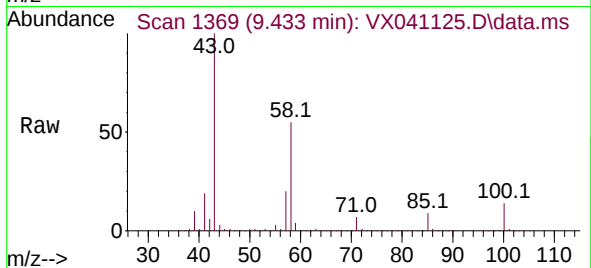
Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 944472

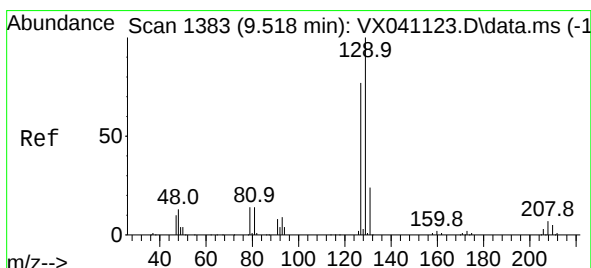
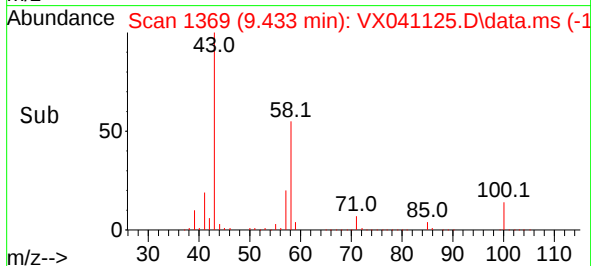
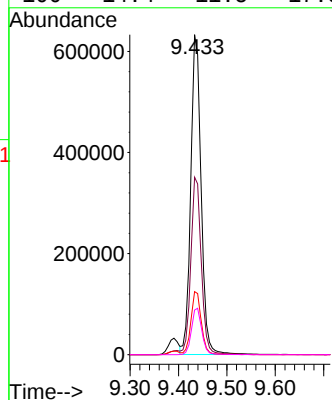
Ion Ratio Lower Upper

43 100

58 55.7 43.8 65.8

57 19.7 15.0 22.6

100 14.4 11.5 17.3



#49

Dibromochloromethane

Concen: 236.095 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX041125.D

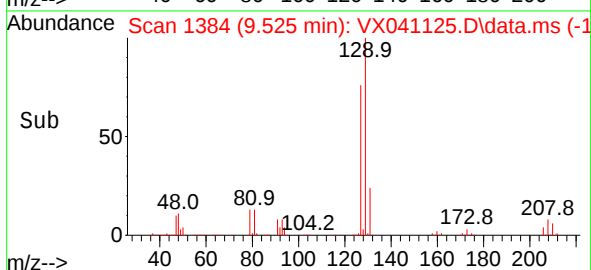
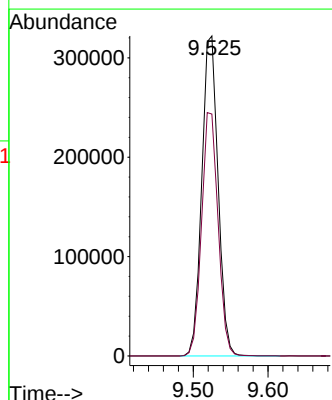
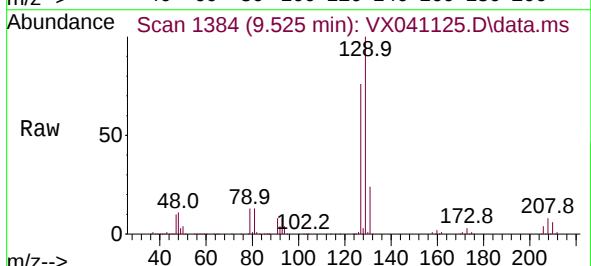
Acq: 17 Apr 2024 14:37

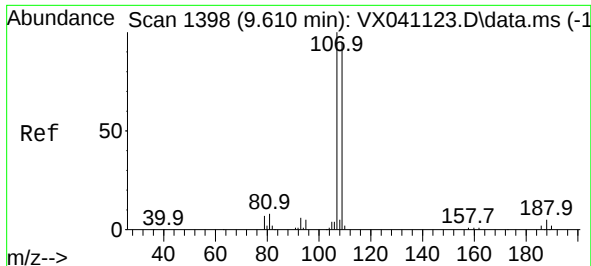
Tgt Ion:129 Resp: 487330

Ion Ratio Lower Upper

129 100

127 75.6 53.9 100.1

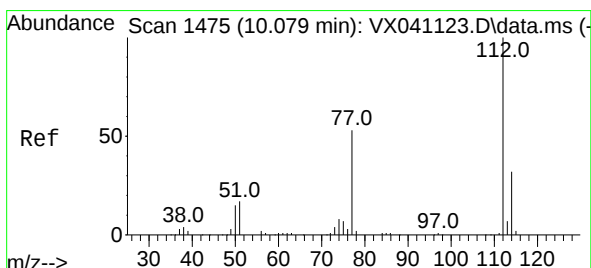
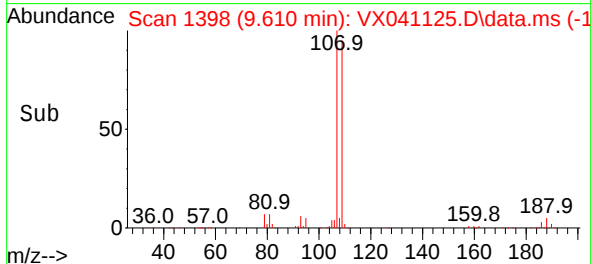
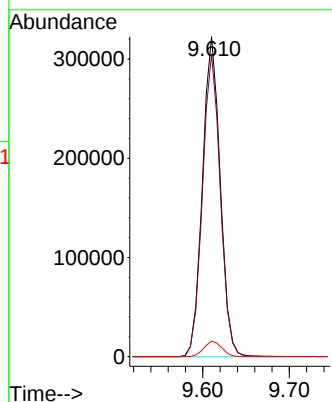
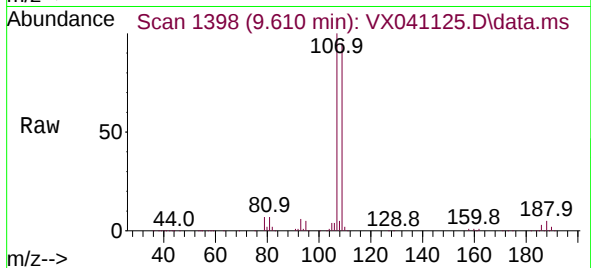




#50
1,2-Dibromoethane
Concen: 216.689 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

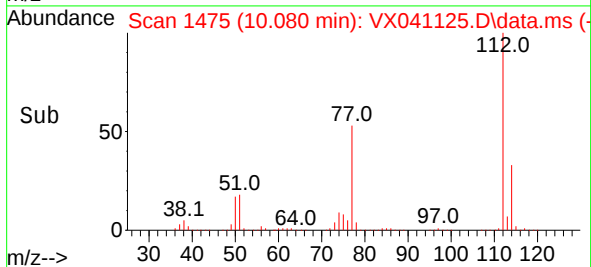
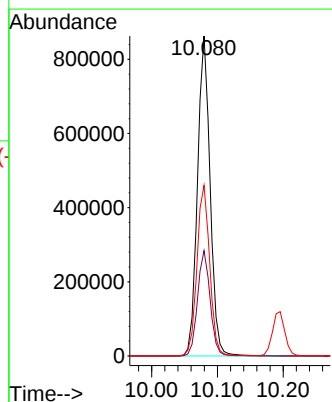
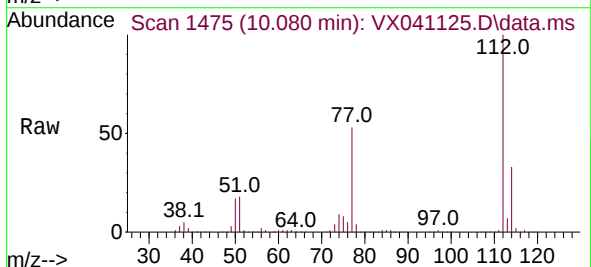
Instrument :
MSVOA_X
ClientSampleId :

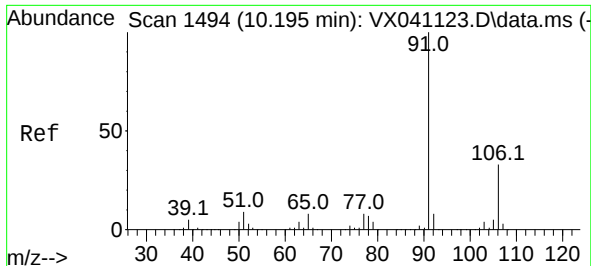
Tgt Ion:107 Resp: 458620
Ion Ratio Lower Upper
107 100
109 94.6 66.6 123.6
188 4.9 3.8 5.8



#51
Chlorobenzene
Concen: 210.407 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

Tgt Ion:112 Resp: 1149905
Ion Ratio Lower Upper
112 100
114 32.9 22.5 41.9
77 53.3 42.6 64.0





#52

Ethylbenzene

Concen: 213.122 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

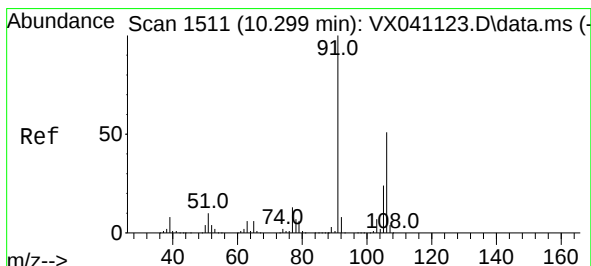
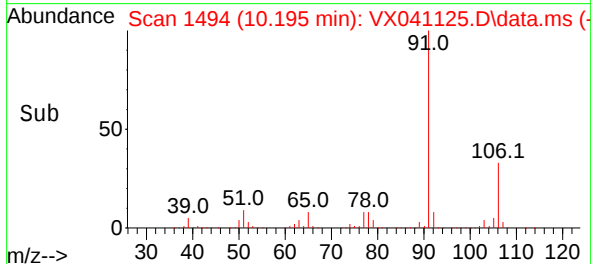
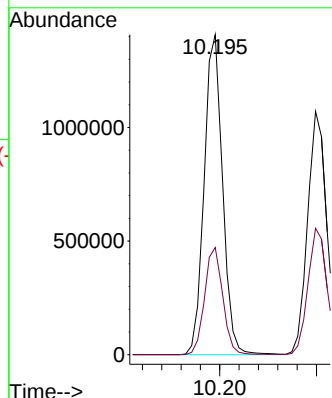
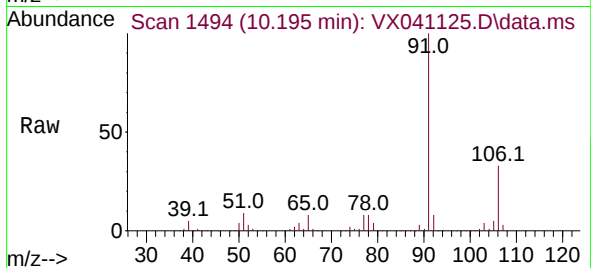
ClientSampleId :

Tgt Ion: 91 Resp: 1861869

Ion Ratio Lower Upper

91 100

106 33.5 22.7 42.3



#53

m,p-Xylene

Concen: 219.068 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041125.D

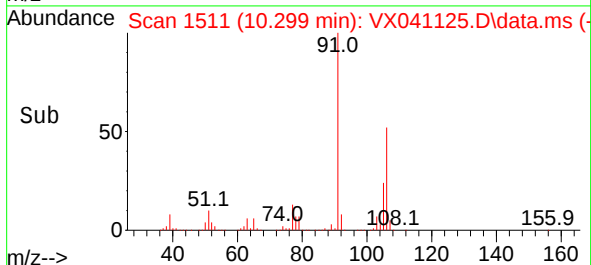
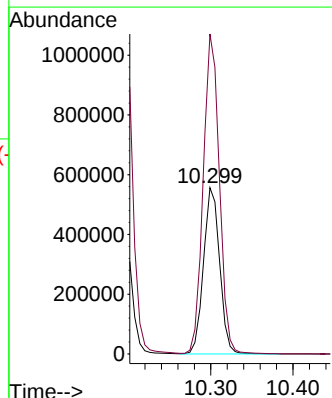
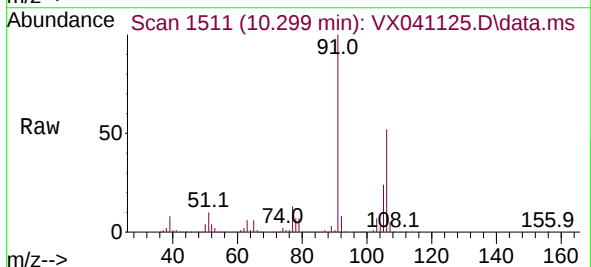
Acq: 17 Apr 2024 14:37

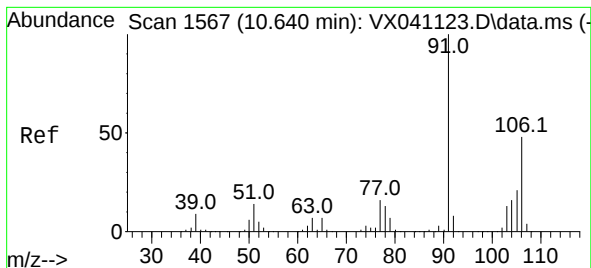
Tgt Ion:106 Resp: 757629

Ion Ratio Lower Upper

106 100

91 192.5 137.2 254.8





#54

o-Xylene

Concen: 219.044 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

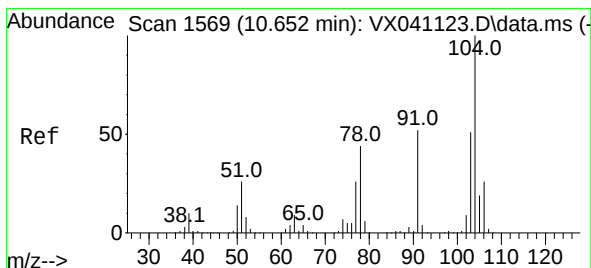
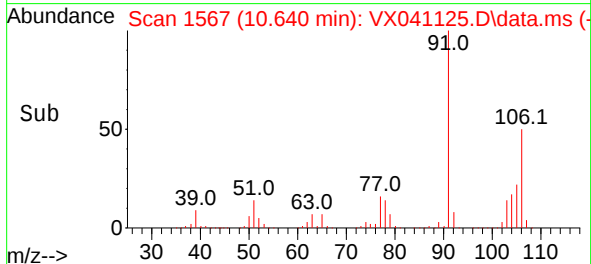
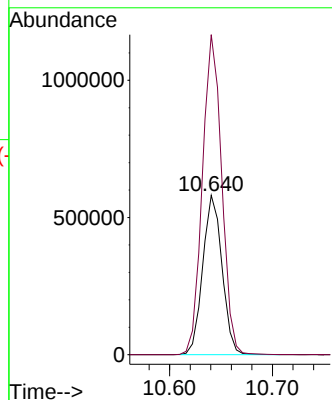
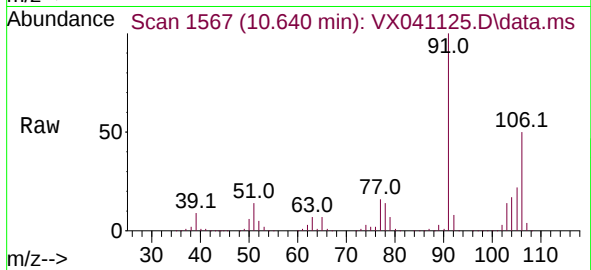
ClientSampleId :

Tgt Ion:106 Resp: 758689

Ion Ratio Lower Upper

106 100

91 200.9 145.4 270.0



#55

Styrene

Concen: 222.925 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041125.D

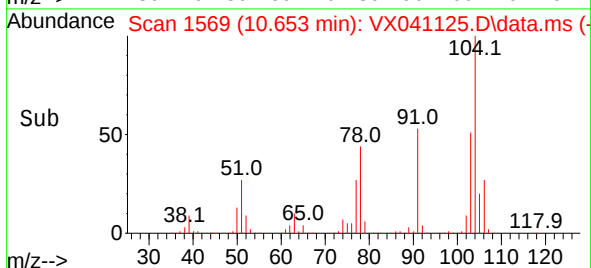
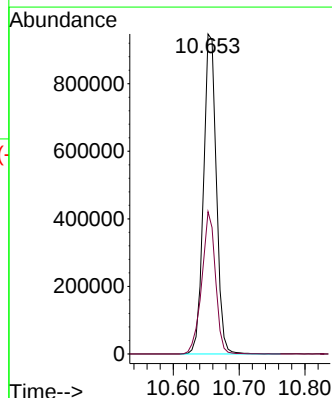
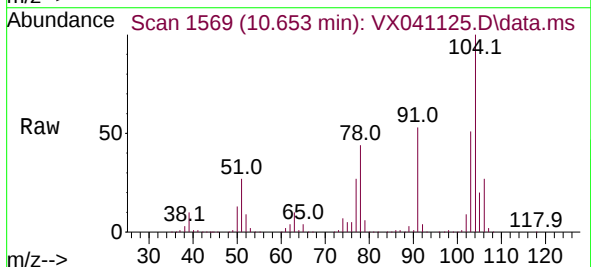
Acq: 17 Apr 2024 14:37

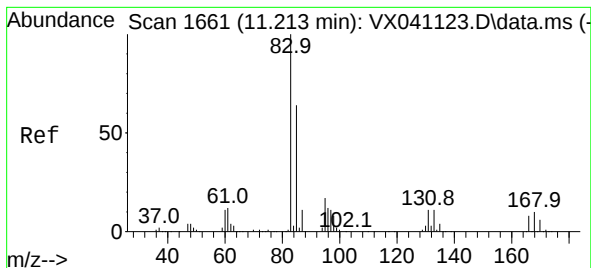
Tgt Ion:104 Resp: 1284881

Ion Ratio Lower Upper

104 100

78 44.5 30.4 56.5

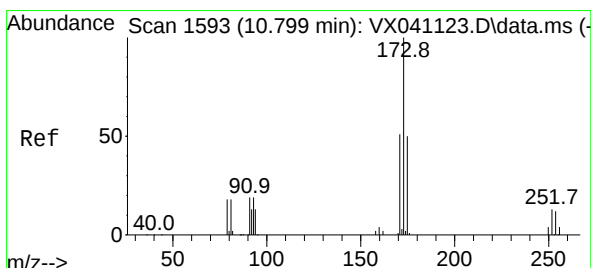
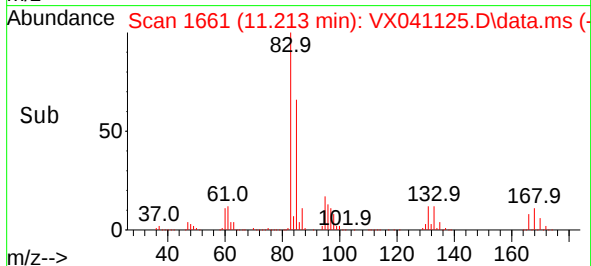
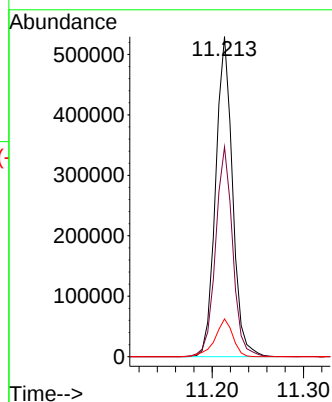
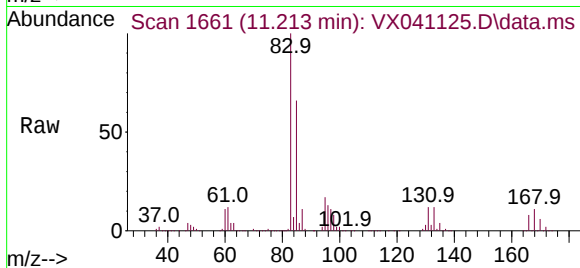




#57
1,1,2,2-Tetrachloroethane
Concen: 209.763 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

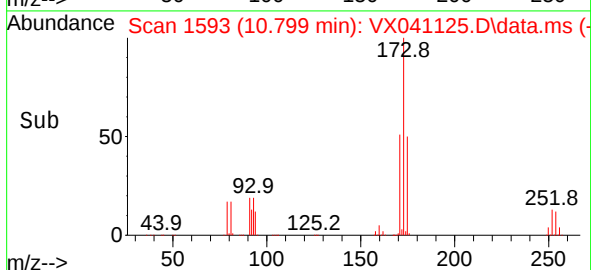
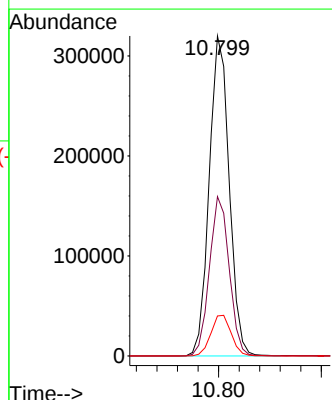
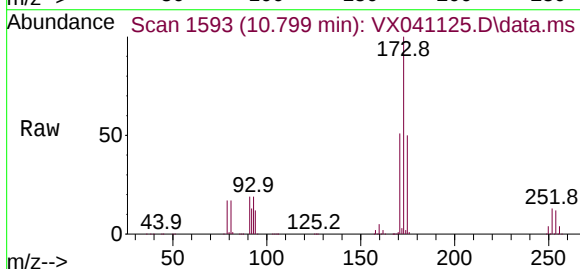
Instrument :
MSVOA_X
ClientSampleId :

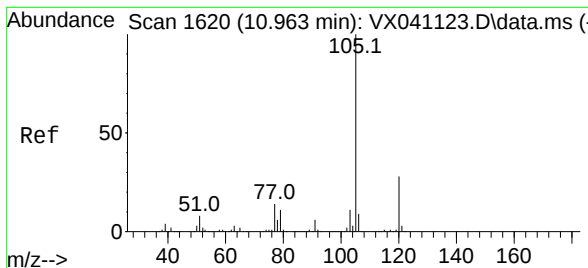
Tgt Ion: 83 Resp: 680559
Ion Ratio Lower Upper
83 100
85 65.6 45.0 83.6
131 11.8 9.0 13.4



#59
Bromoform
Concen: 235.548 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041125.D
Acq: 17 Apr 2024 14:37

Tgt Ion:173 Resp: 431167
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.2
254 13.0 10.5 15.7





#60

Isopropylbenzene

Concen: 204.842 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :

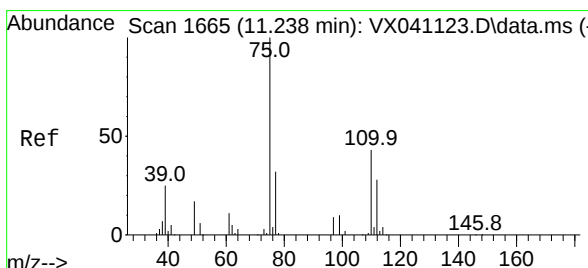
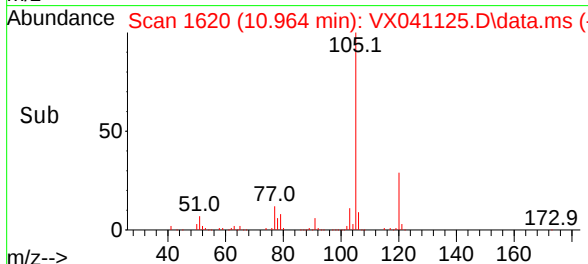
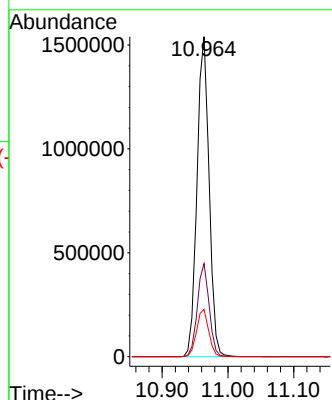
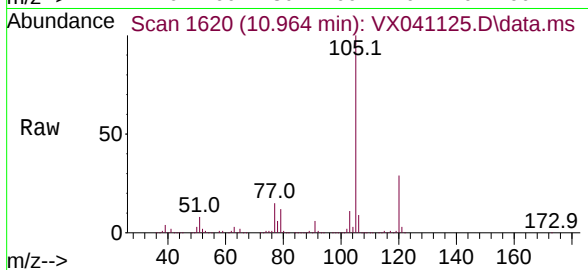
Tgt Ion:105 Resp: 1958201

Ion Ratio Lower Upper

105 100

120 28.4 21.8 32.8

77 14.8 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 193.569 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

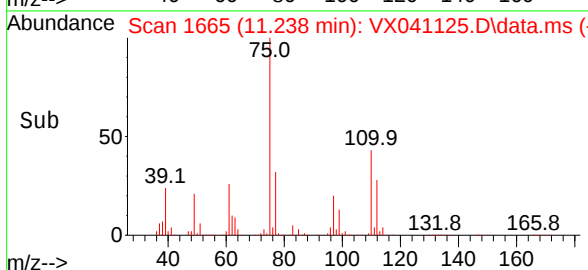
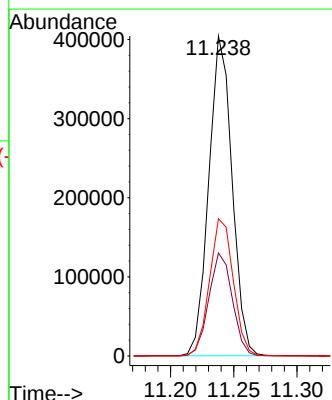
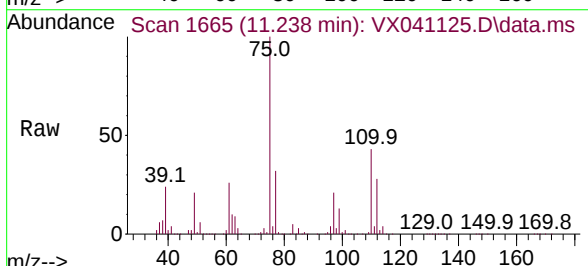
Tgt Ion: 75 Resp: 517217

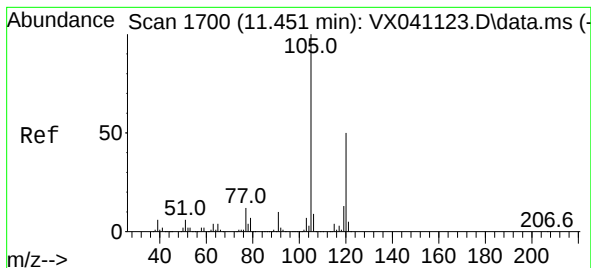
Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

110 43.9 35.0 52.6





#62

1,3,5-Trimethylbenzene

Concen: 212.248 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

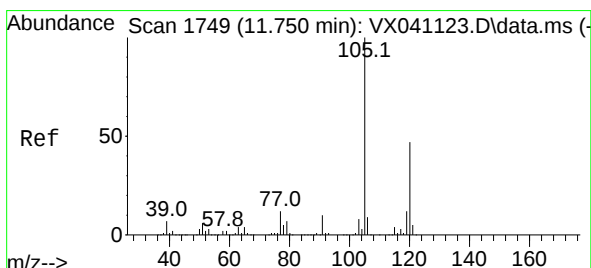
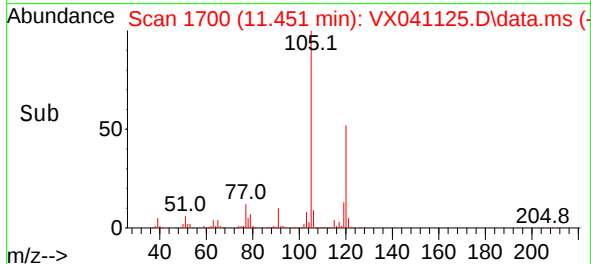
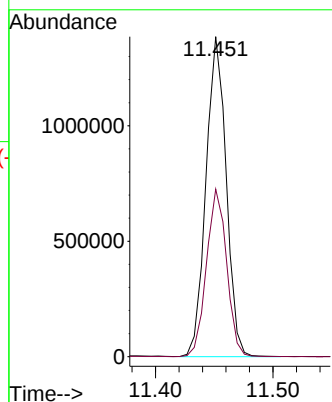
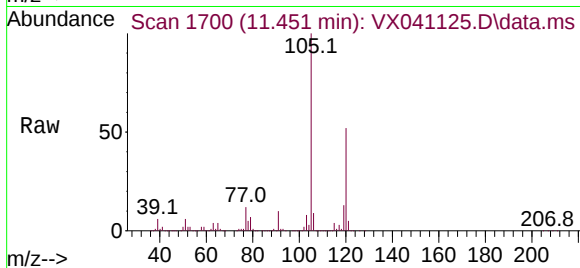
ClientSampleId :

Tgt Ion:105 Resp: 1656738

Ion Ratio Lower Upper

105 100

120 52.2 41.2 61.8



#63

1,2,4-Trimethylbenzene

Concen: 213.825 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041125.D

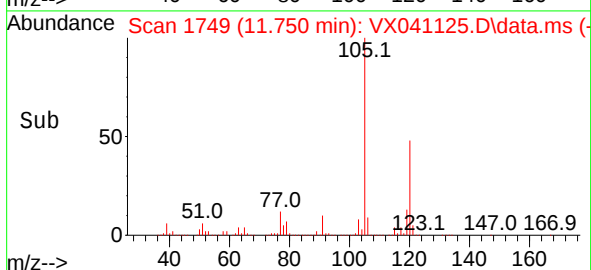
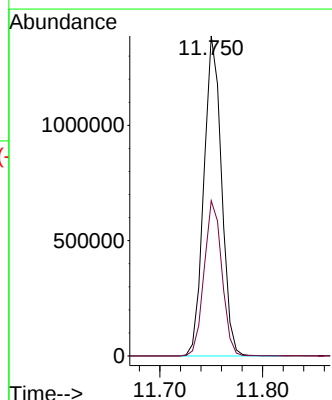
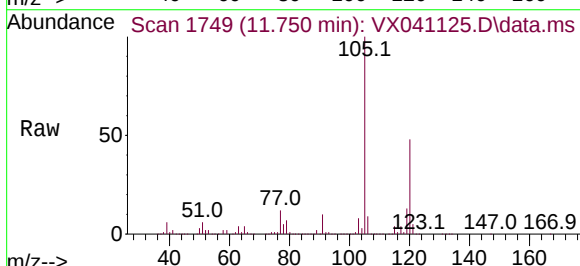
Acq: 17 Apr 2024 14:37

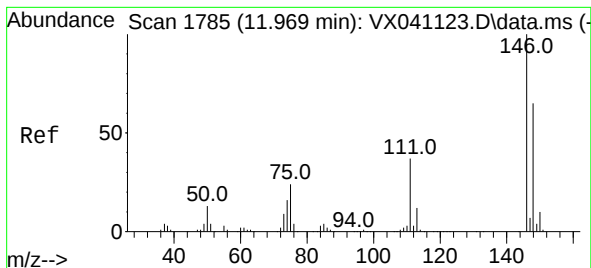
Tgt Ion:105 Resp: 1660065

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.2





#64

1,3-Dichlorobenzene

Concen: 209.133 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :

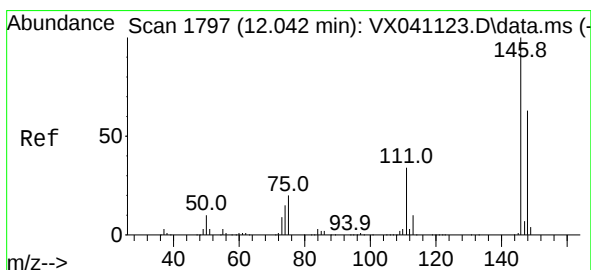
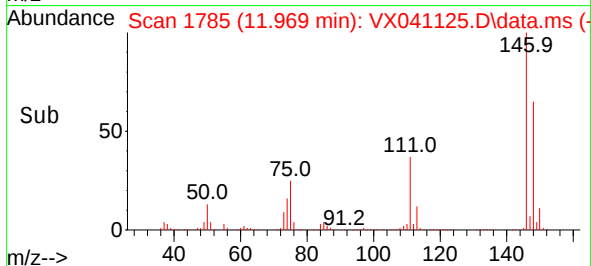
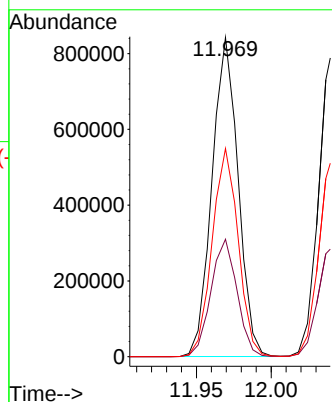
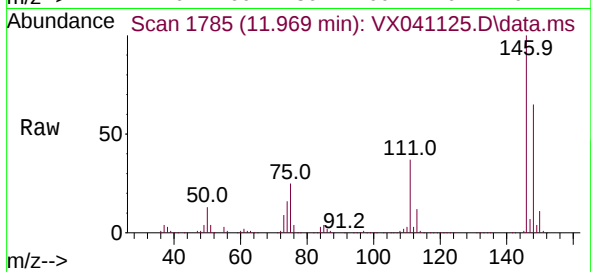
Tgt Ion:146 Resp: 1020081

Ion Ratio Lower Upper

146 100

111 36.8 25.6 47.4

148 65.2 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 206.747 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

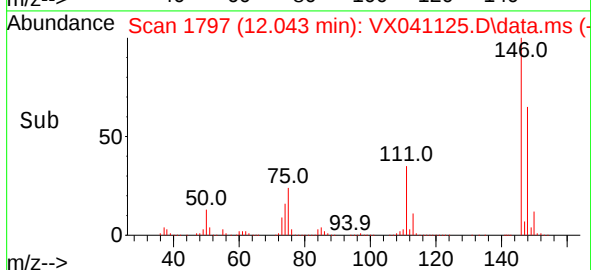
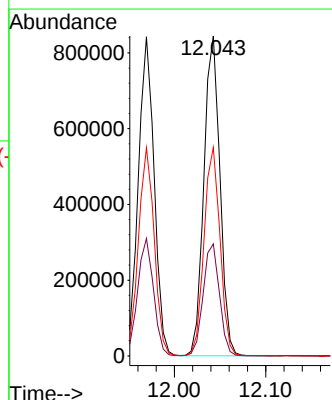
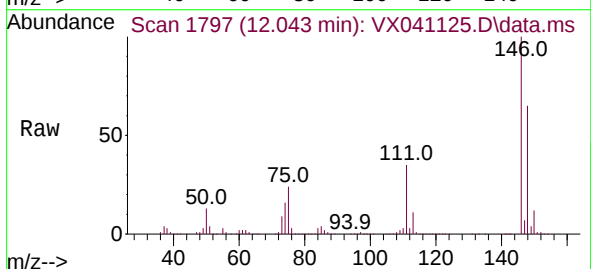
Tgt Ion:146 Resp: 1028723

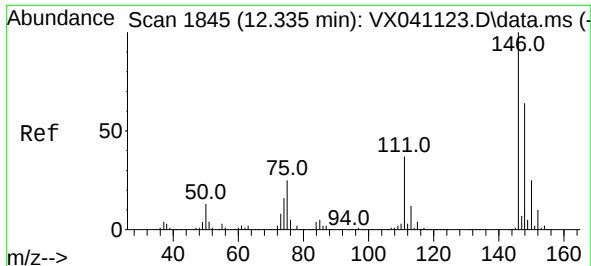
Ion Ratio Lower Upper

146 100

111 35.0 23.9 44.5

148 65.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 203.765 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :

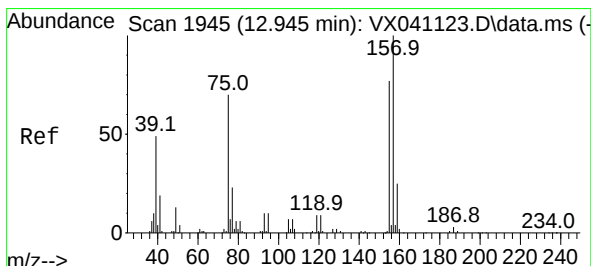
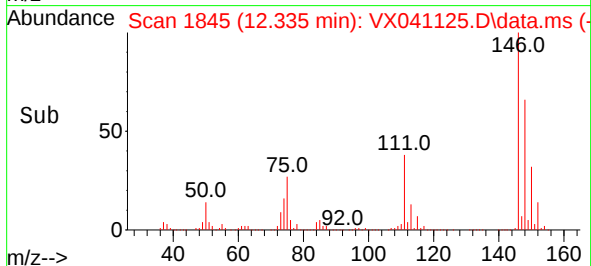
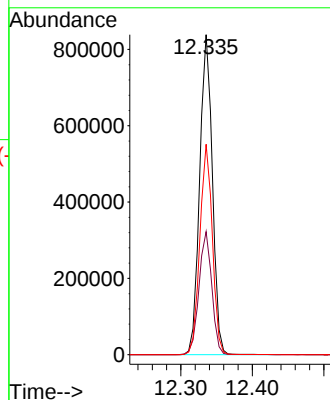
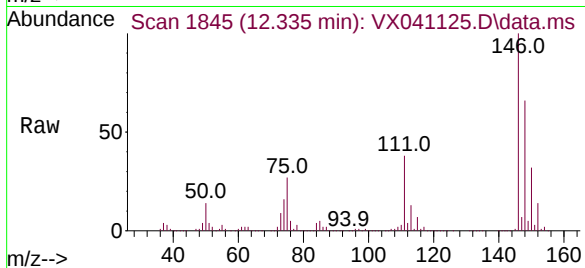
Tgt Ion:146 Resp: 1030720

Ion Ratio Lower Upper

146 100

111 38.4 30.0 45.0

148 65.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 231.755 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

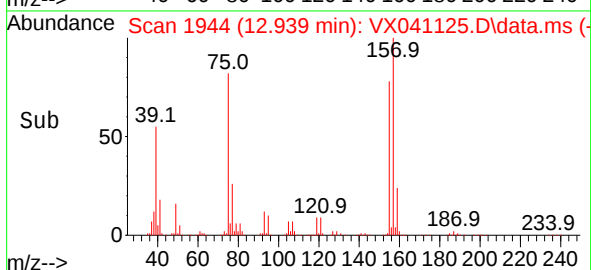
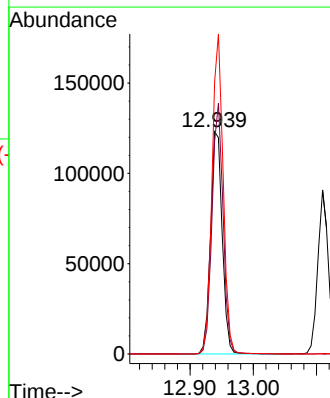
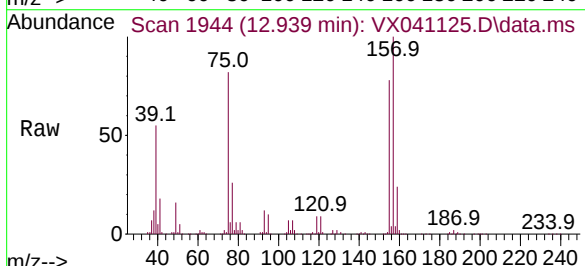
Tgt Ion: 75 Resp: 158035

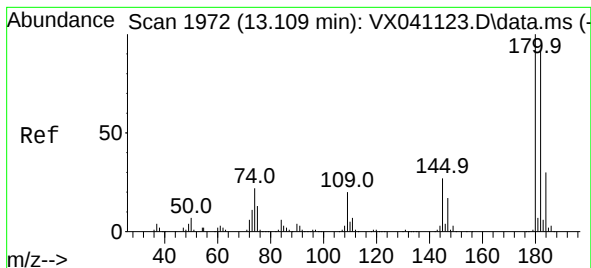
Ion Ratio Lower Upper

75 100

155 95.6 89.0 133.6

157 122.3 115.1 172.7





#69

1,3,5-Trichlorobenzene

Concen: 221.514 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. 0.000 min

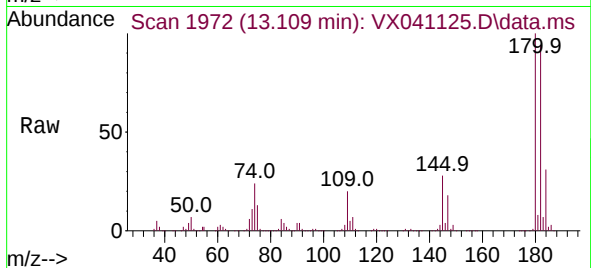
Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 841395

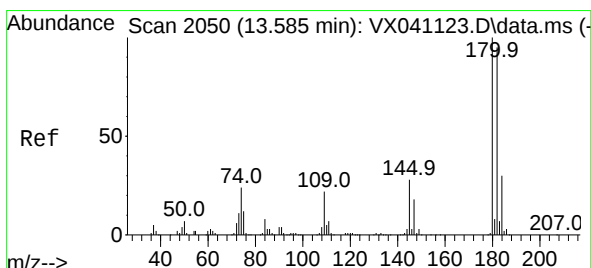
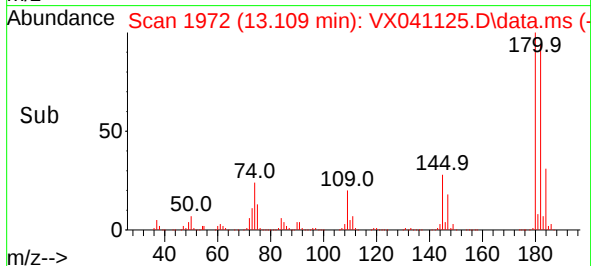
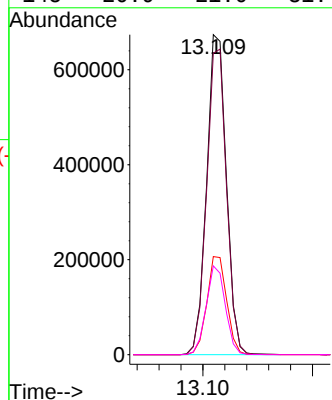
Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

184 30.9 24.3 36.5

145 26.9 21.0 31.4



#70

1,2,4-trichlorobenzene

Concen: 230.670 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

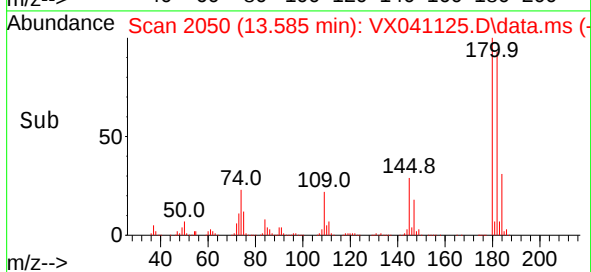
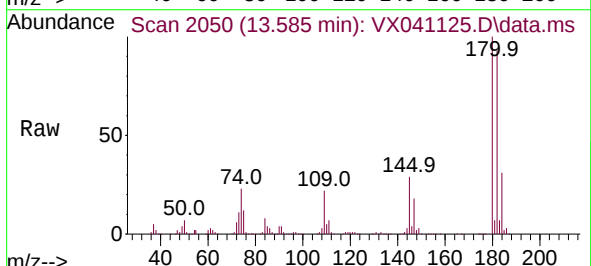
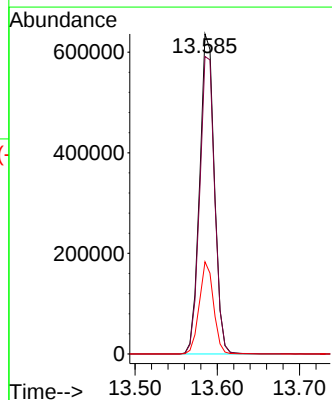
Tgt Ion:180 Resp: 790123

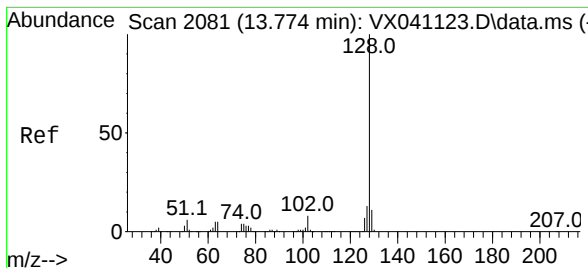
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 27.8 21.8 32.6





#71

Naphthalene

Concen: 224.418 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :

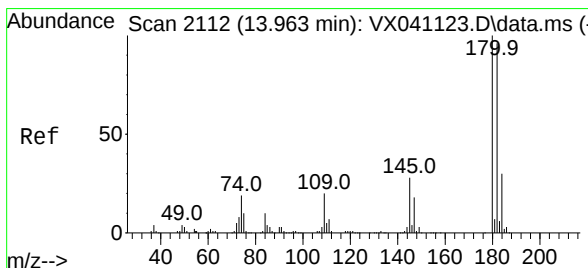
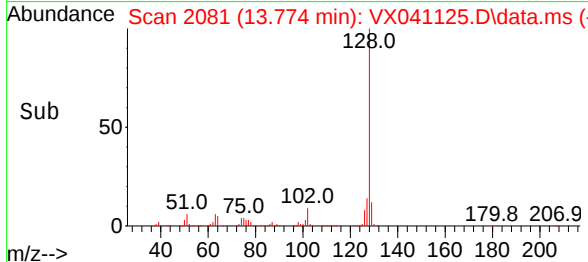
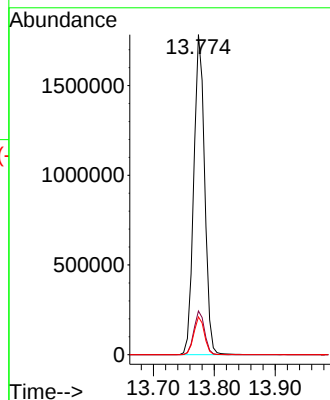
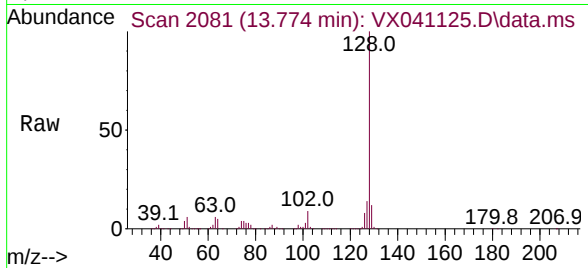
Tgt Ion:128 Resp: 2206342

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 219.999 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041125.D

Acq: 17 Apr 2024 14:37

Tgt Ion:180 Resp: 786705

Ion Ratio Lower Upper

180 100

182 97.0 76.5 114.7

145 29.5 23.1 34.7

