

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042594.D
 Acq On : 26 Jul 2024 12:57
 Operator : JC/MD
 Sample : VSTD00512
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 00:34:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 00:33:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	189032	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	171521	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67195	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	5366	4.672	ug/L	0.00
7) Chloroethane-d5	1.642	69	1922	4.061	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	2588	4.665	ug/L	0.00
21) 2-Butanone-d5	4.574	46	148	0.174	ug/L	0.11
24) Chloroform-d	5.056	84	10584	4.210	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	7547	4.654	ug/L	0.00
32) Benzene-d6	5.977	84	20900	4.390	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	6086	4.320	ug/L	0.01
41) Toluene-d8	8.653	98	18614	4.361	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	2391	3.627	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	4820	7.677	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	9089	4.481	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	5839	4.598	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	7965	4.769	ug/L	99
3) Chloromethane	1.301	50	6833	4.948	ug/L	92
5) Vinyl chloride	1.374	62	6236	4.750	ug/L	87
6) Bromomethane	1.599	94	2040	4.949	ug/L	78
8) Chloroethane	1.666	64	1927	4.000	ug/L	99
9) Trichlorofluoromethane	1.868	101	8186	4.433	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	6536	4.895	ug/L	95
12) 1,1-Dichloroethene	2.313	96	5616	4.596	ug/L	89
13) Acetone	2.386	43	6893	10.360	ug/L	90
14) Carbon disulfide	2.502	76	12668	4.246	ug/L	95
15) Methyl Acetate	2.715	43	7653	5.189	ug/L	97
16) Methylene chloride	2.782	84	6706	4.752	ug/L	85
17) trans-1,2-Dichloroethene	3.093	96	5961	4.753	ug/L	81
18) Methyl tert-butyl Ether	3.123	73	19808	4.557	ug/L	98
19) 1,1-Dichloroethane	3.611	63	11287	4.714	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	6656	4.647	ug/L	89
22) 2-Butanone	4.580	43	8432	8.321	ug/L	83
23) Bromochloromethane	4.904	128	2021	3.006	ug/L	87
25) Chloroform	5.086	83	7179	2.812	ug/L	99
27) 1,2-Dichloroethane	6.086	62	9535	4.702	ug/L	95
29) Cyclohexane	5.464	56	8942	4.410	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	10117	4.618	ug/L #	91
31) Carbon tetrachloride	5.678	117	8181	4.421	ug/L	95
33) Benzene	6.038	78	25258	4.812	ug/L	100
34) Trichloroethene	7.129	95	6762	4.822	ug/L	94
35) Methylcyclohexane	7.379	83	9125	4.299	ug/L	95
37) 1,2-Dichloropropane	7.428	63	6235	4.570	ug/L #	89
38) Bromodichloromethane	7.824	83	7682	4.357	ug/L	89
39) cis-1,3-Dichloropropene	8.372	75	8712	4.160	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	16024	8.537	ug/L	99
42) Toluene	8.720	91	24320	4.498	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	7258	3.854	ug/L	93

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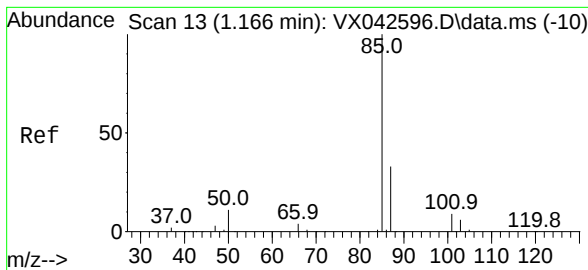
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	9.153	97	6775	4.917	ug/L	99
46) Tetrachloroethene	9.275	164	4597	4.807	ug/L	88
48) 2-Hexanone	9.433	43	11888	8.144	ug/L	98
49) Dibromochloromethane	9.519	129	5529	4.297	ug/L	91
50) 1,2-Dibromoethane	9.610	107	6696	4.673	ug/L #	87
51) Chlorobenzene	10.079	112	16737	4.787	ug/L	89
52) Ethylbenzene	10.195	91	26098	4.401	ug/L	98
53) m,p-Xylene	10.305	106	9551	4.276	ug/L	91
54) o-Xylene	10.640	106	9390	4.226	ug/L	93
55) Styrene	10.659	104	15014	4.053	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	10336	4.691	ug/L	97
59) Bromoform	10.805	173	3303	4.380	ug/L #	94
60) Isopropylbenzene	10.963	105	23704	4.669	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	8117	5.221	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	18995	4.498	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	18492	4.435	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	10377	4.752	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	10764	4.894	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	10477	4.765	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	1833	4.426	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.116	180	5995	4.426	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	5006	4.215	ug/L	94
71) Naphthalene	13.774	128	18879	4.121	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	5284	4.295	ug/L	99

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

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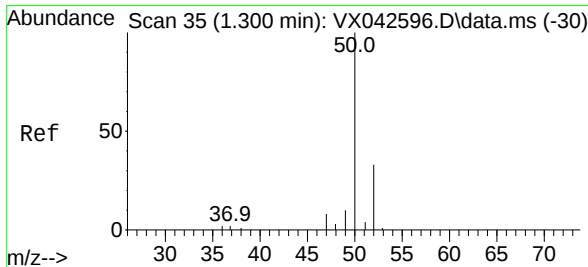
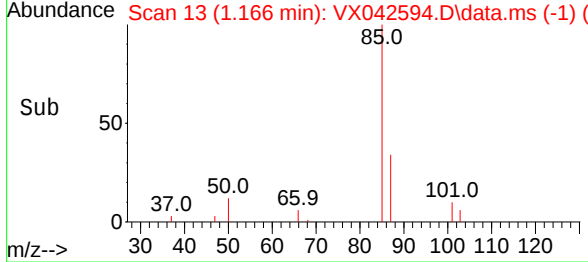
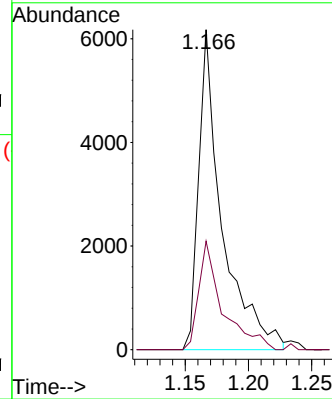
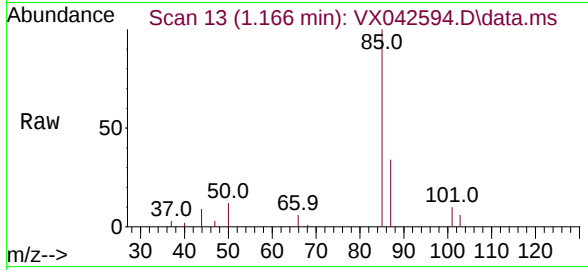




#2
Dichlorodifluoromethane
Concen: 4.769 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

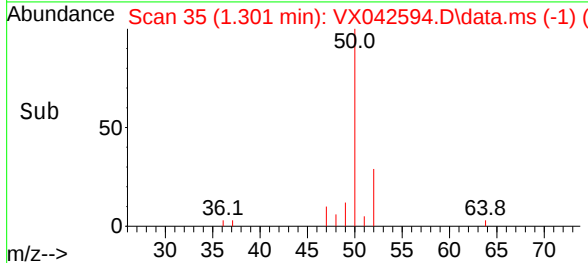
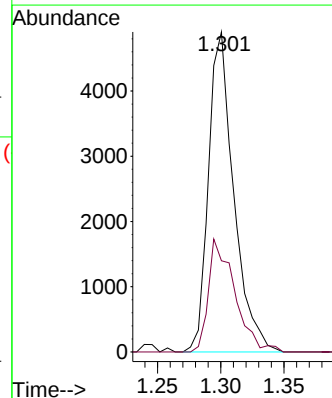
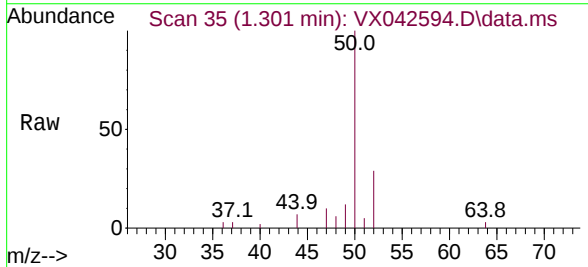
Instrument :
MSVOA_X
ClientSampleId :

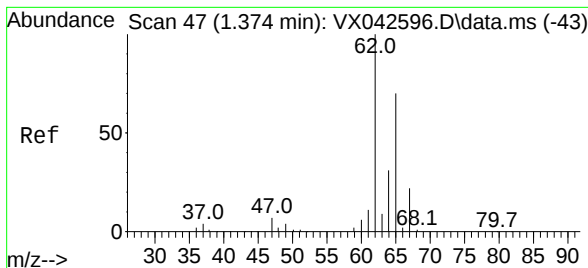
Tgt Ion: 85 Resp: 7965
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.8



#3
Chloromethane
Concen: 4.948 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

Tgt Ion: 50 Resp: 6833
Ion Ratio Lower Upper
50 100
52 28.5 23.0 42.6





#5

Vinyl chloride

Concen: 4.750 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

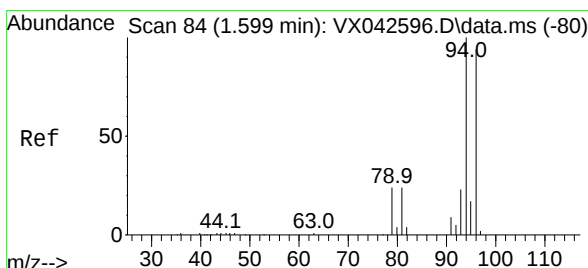
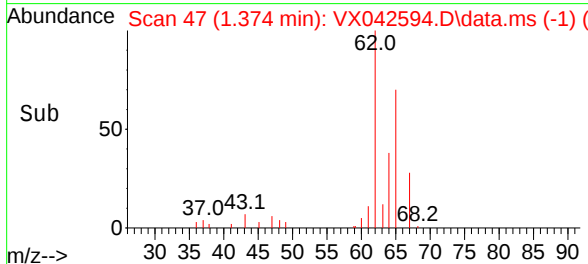
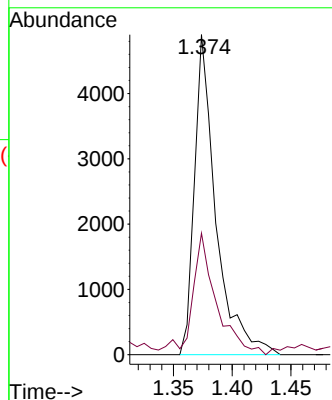
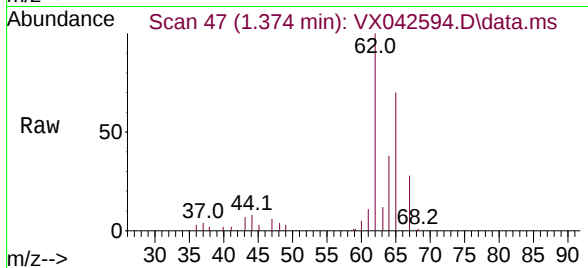
ClientSampleId :

Tgt Ion: 62 Resp: 6236

Ion Ratio Lower Upper

62 100

64 38.0 21.6 40.0



#6

Bromomethane

Concen: 4.949 ug/L

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042594.D

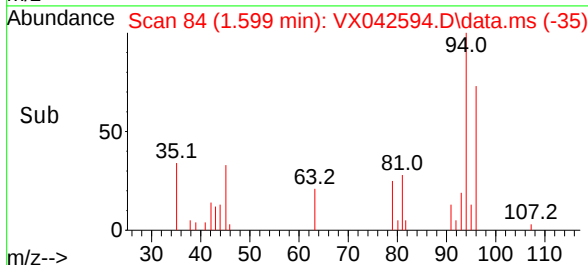
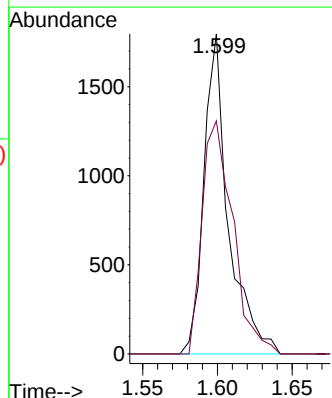
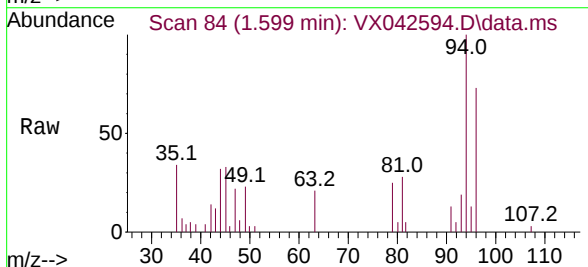
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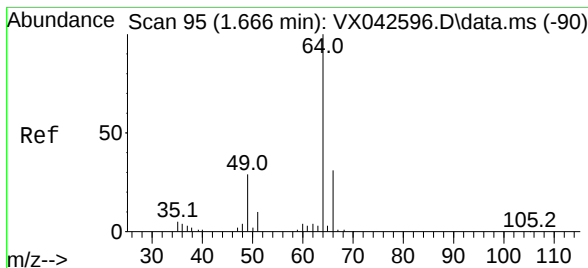
Tgt Ion: 94 Resp: 2040

Ion Ratio Lower Upper

94 100

96 72.8 66.1 122.7

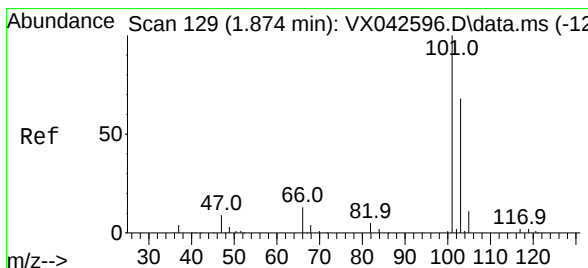
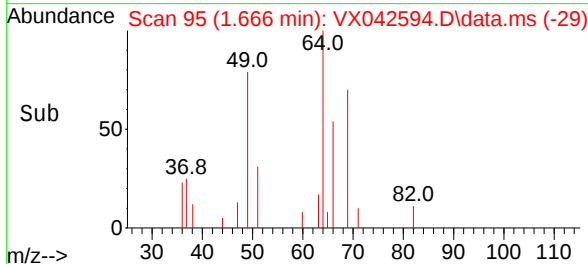
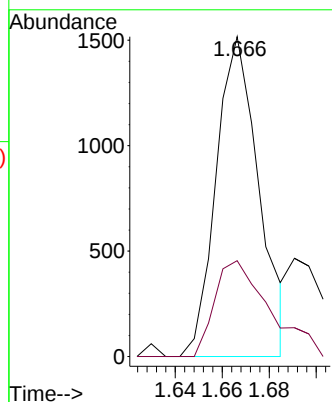
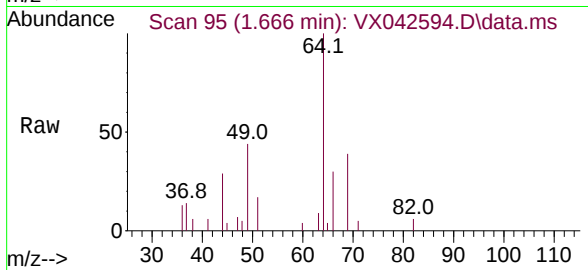




#8
Chloroethane
Concen: 4.000 ug/L
RT: 1.666 min Scan# 90
Delta R.T. 0.000 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

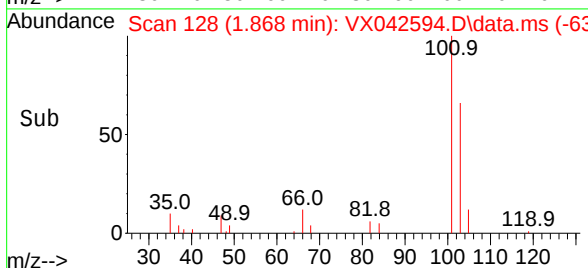
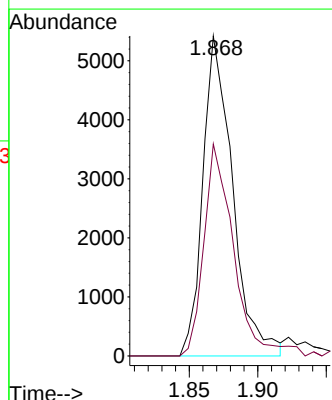
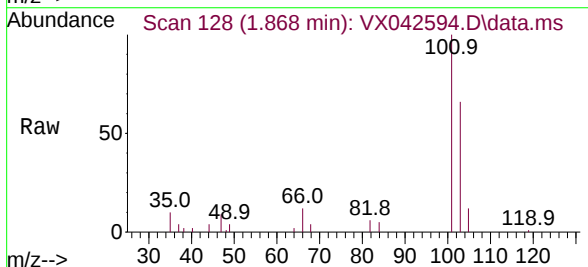
Instrument :
MSVOA_X
ClientSampleId :

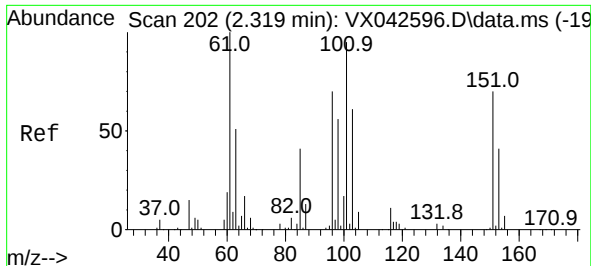
Tgt Ion: 64 Resp: 1927
Ion Ratio Lower Upper
64 100
66 30.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.433 ug/L
RT: 1.868 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

Tgt Ion:101 Resp: 8186
Ion Ratio Lower Upper
101 100
103 64.8 45.2 67.8

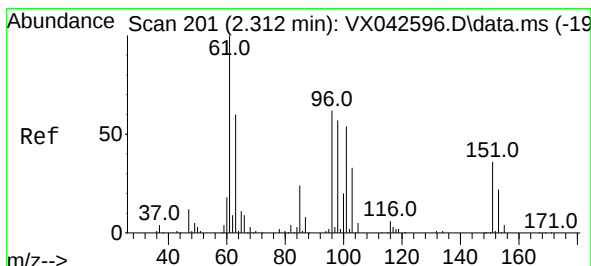
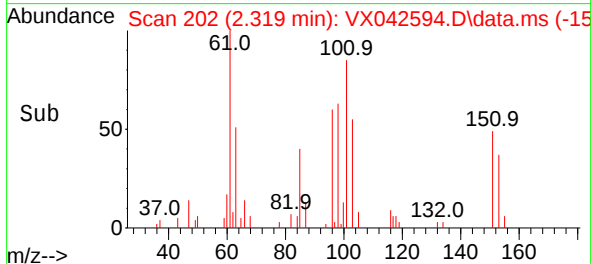
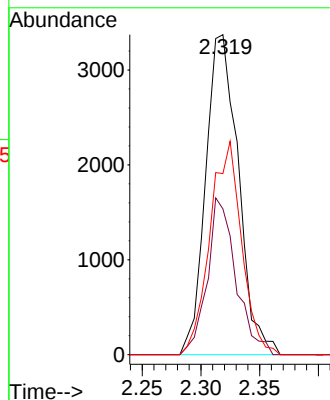
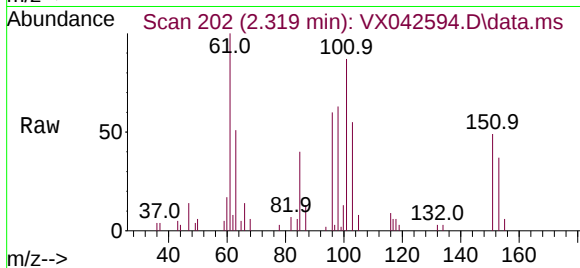




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.895 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX042594.D
 Acq: 26 Jul 2024 12:57

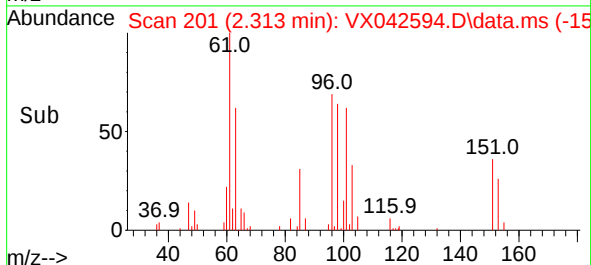
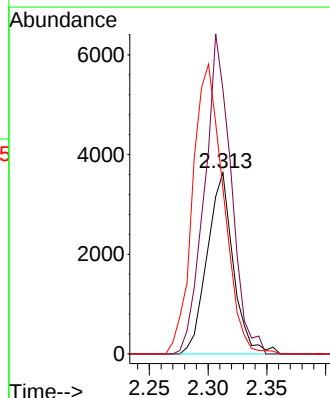
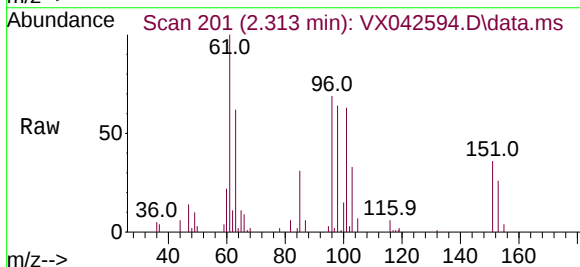
Instrument :
 MSVOA_X
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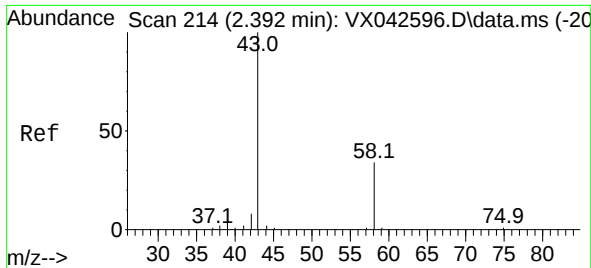
Tgt Ion:101 Resp: 6536
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.4 51.6
 151 64.4 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 4.596 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VX042594.D
 Acq: 26 Jul 2024 12:57

Tgt Ion: 96 Resp: 5616
 Ion Ratio Lower Upper
 96 100
 61 145.8 113.0 209.9
 63 91.1 70.5 130.9





#13

Acetone

Concen: 10.360 ug/L

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

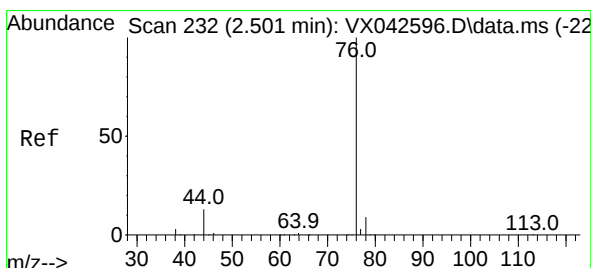
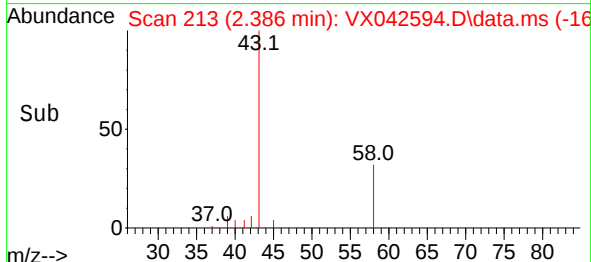
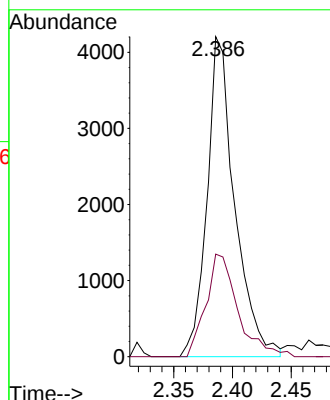
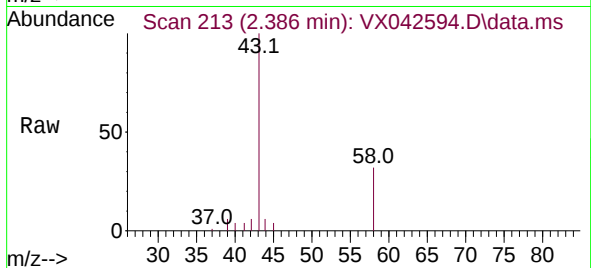
ClientSampleId :

Tgt Ion: 43 Resp: 6893

Ion Ratio Lower Upper

43 100

58 37.0 0.0 62.4



#14

Carbon disulfide

Concen: 4.246 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX042594.D

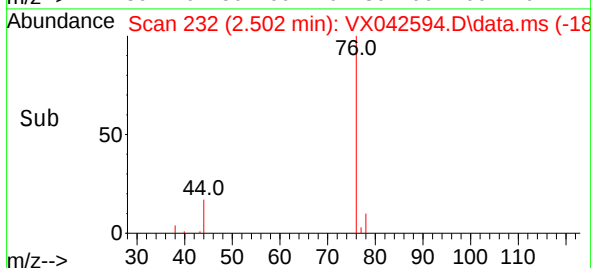
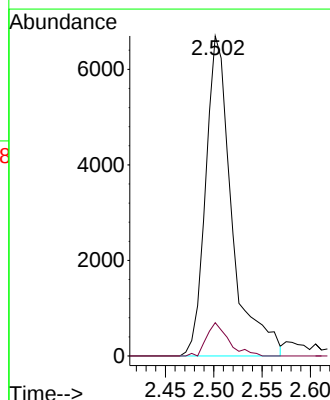
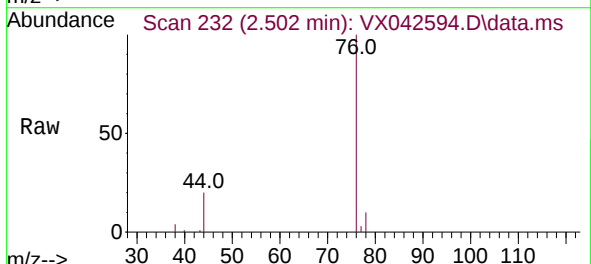
Acq: 26 Jul 2024 12:57

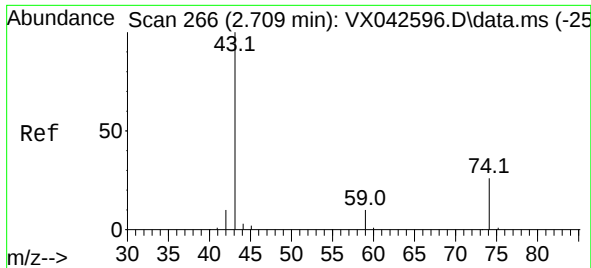
Tgt Ion: 76 Resp: 12668

Ion Ratio Lower Upper

76 100

78 10.4 7.0 10.6





#15

Methyl Acetate

Concen: 5.189 ug/L

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

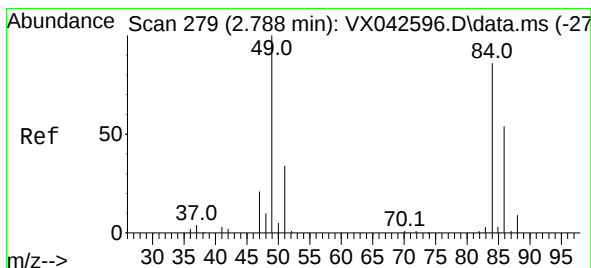
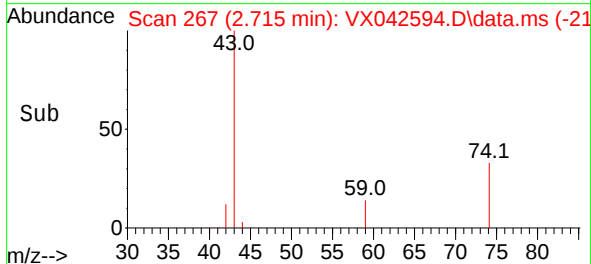
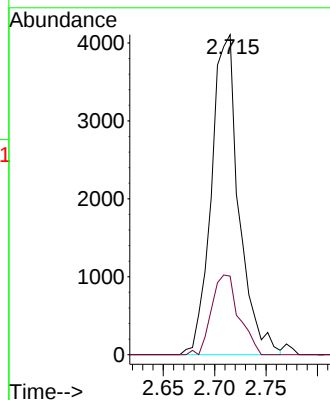
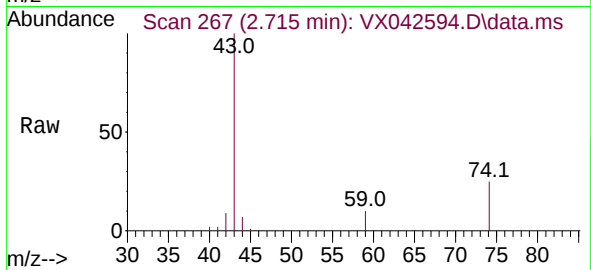
ClientSampleId :

Tgt Ion: 43 Resp: 7653

Ion Ratio Lower Upper

43 100

74 24.4 21.0 31.4



#16

Methylene chloride

Concen: 4.752 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

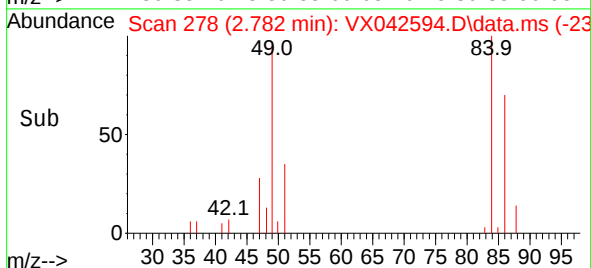
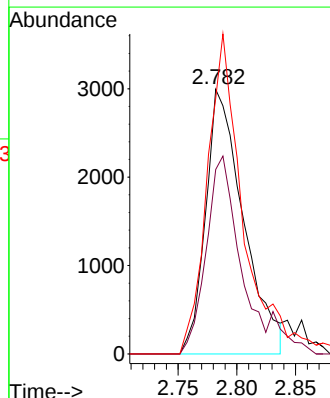
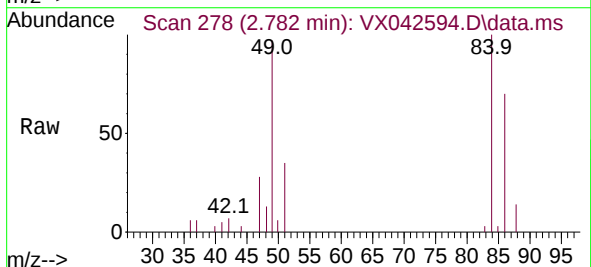
Tgt Ion: 84 Resp: 6706

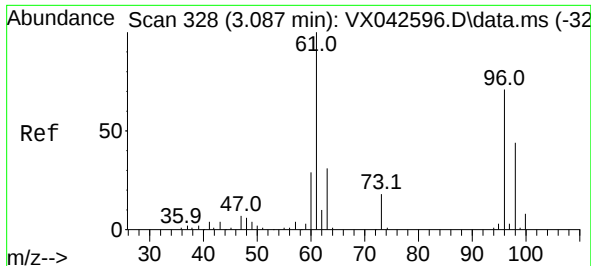
Ion Ratio Lower Upper

84 100

86 69.7 43.5 80.7

49 96.6 81.1 150.7





#17

trans-1,2-Dichloroethene

Concen: 4.753 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :

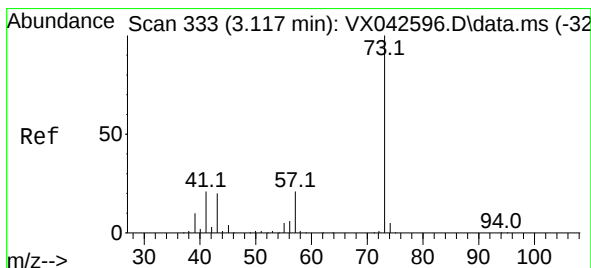
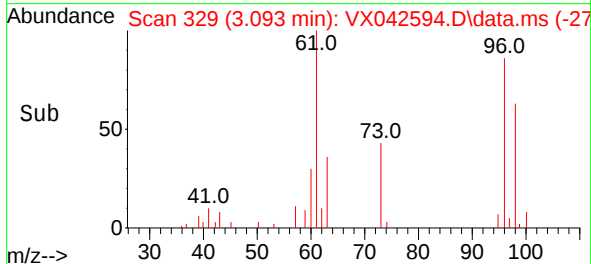
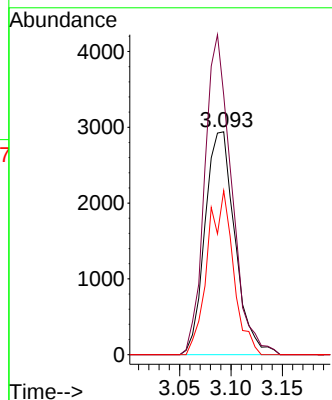
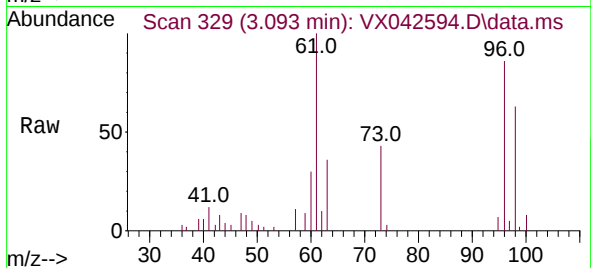
Tgt Ion: 96 Resp: 5961

Ion Ratio Lower Upper

96 100

61 116.5 99.3 184.3

98 73.5 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 4.557 ug/L

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

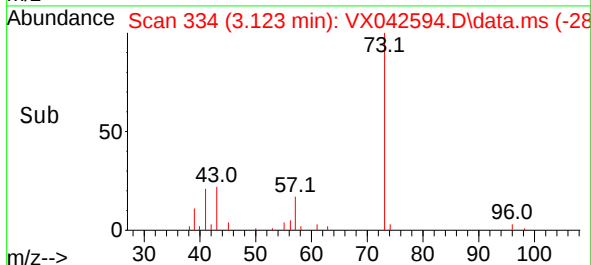
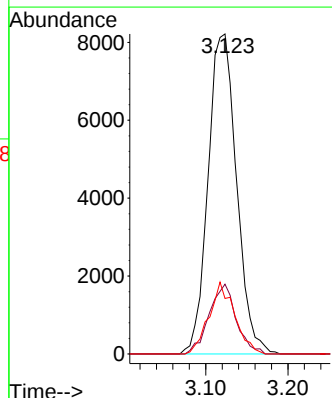
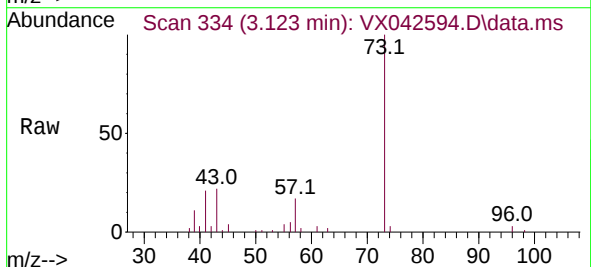
Tgt Ion: 73 Resp: 19808

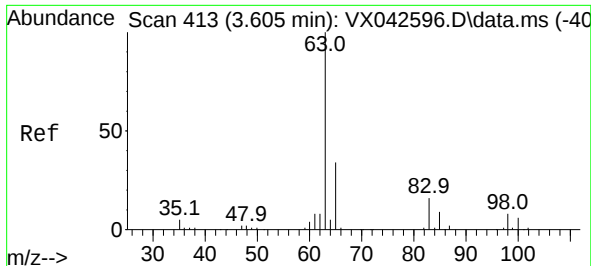
Ion Ratio Lower Upper

73 100

43 20.7 15.4 23.2

57 20.3 16.9 25.3





#19

1,1-Dichloroethane

Concen: 4.714 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :

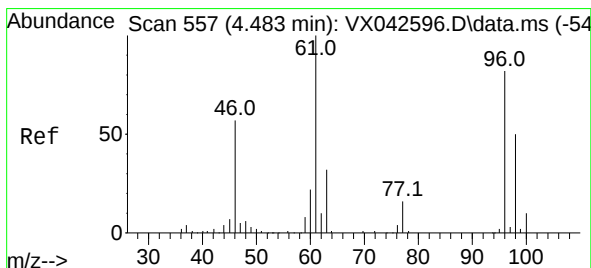
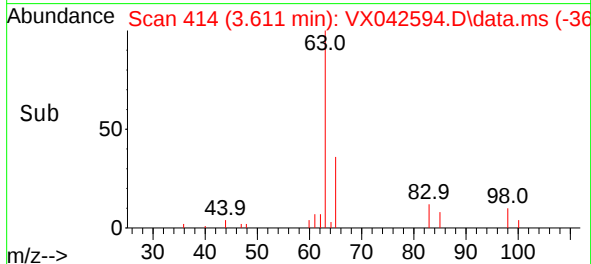
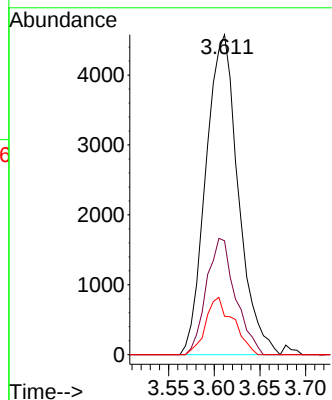
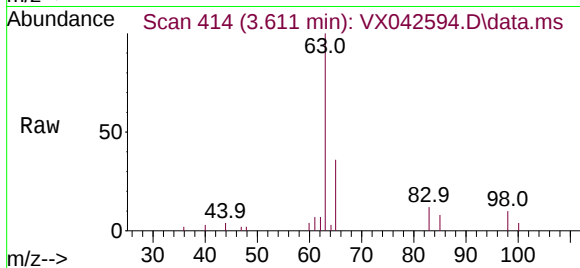
Tgt Ion: 63 Resp: 11287

Ion Ratio Lower Upper

63 100

65 35.6 23.6 43.8

83 12.0 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 4.647 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

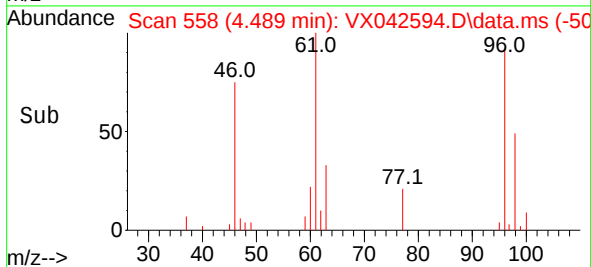
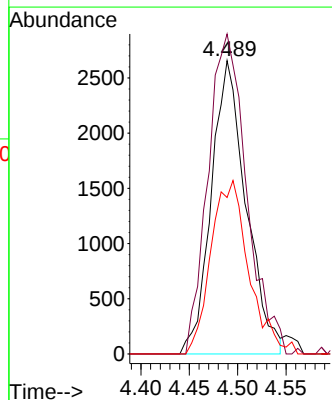
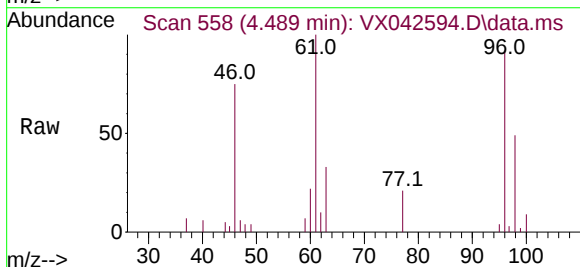
Tgt Ion: 96 Resp: 6656

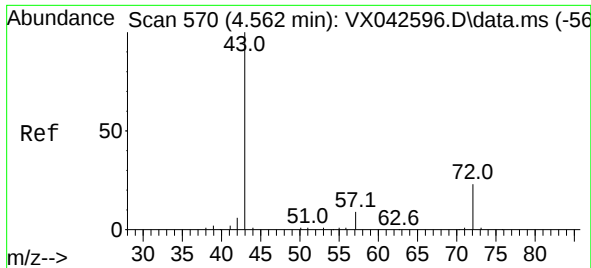
Ion Ratio Lower Upper

96 100

61 109.1 85.3 158.3

98 53.4 42.7 79.3

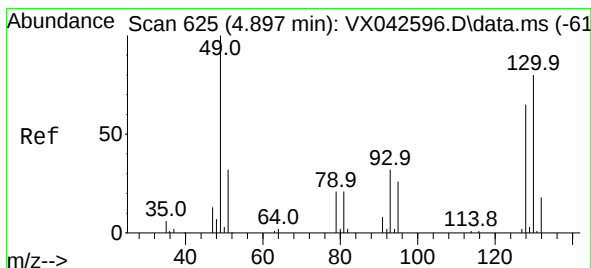
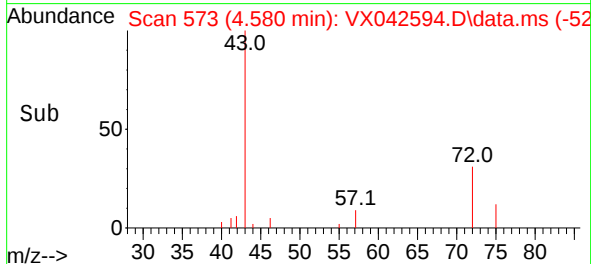
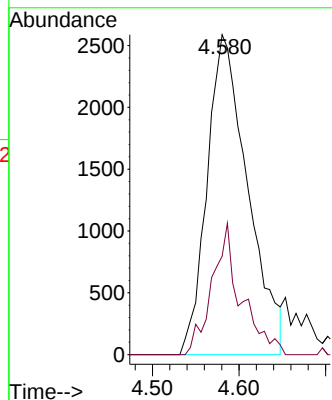
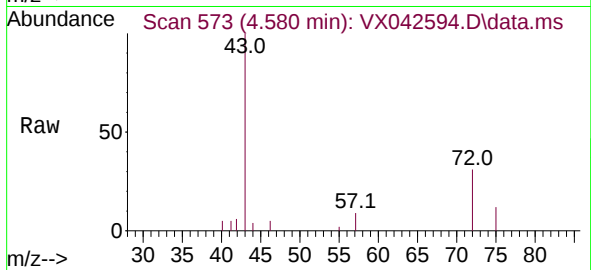




#22
2-Butanone
Concen: 8.321 ug/L
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

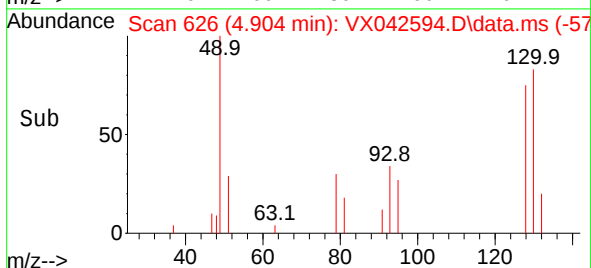
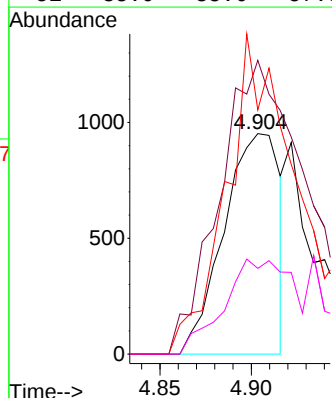
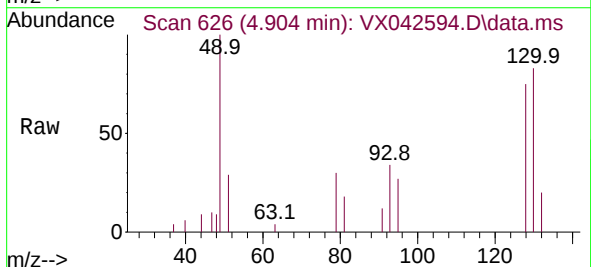
Instrument :
MSVOA_X
ClientSampleId :

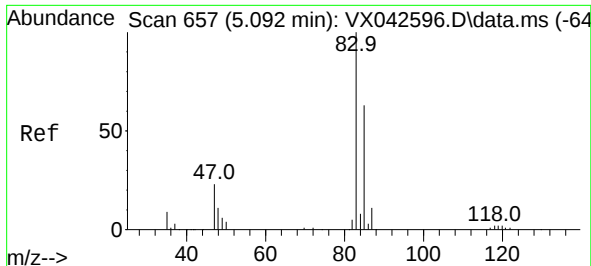
Tgt Ion: 43 Resp: 8432
Ion Ratio Lower Upper
43 100
72 18.2 13.4 40.2



#23
Bromochloromethane
Concen: 3.006 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

Tgt Ion: 128 Resp: 2021
Ion Ratio Lower Upper
128 100
49 133.2 107.0 198.6
130 110.7 85.5 158.9
51 38.9 38.6 57.8





#25

Chloroform

Concen: 2.812 ug/L

RT: 5.086 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

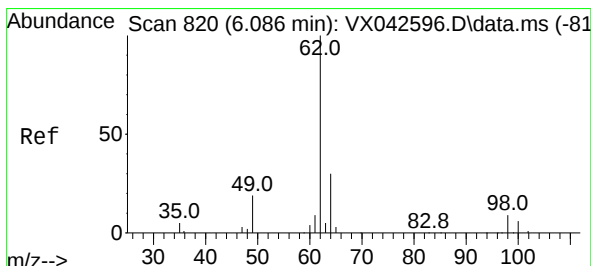
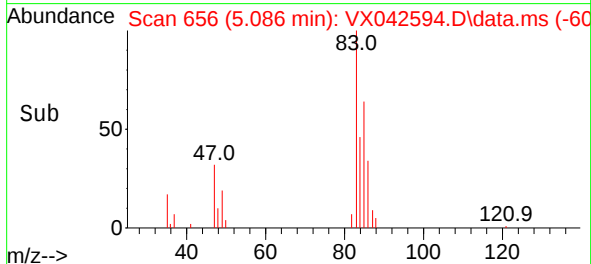
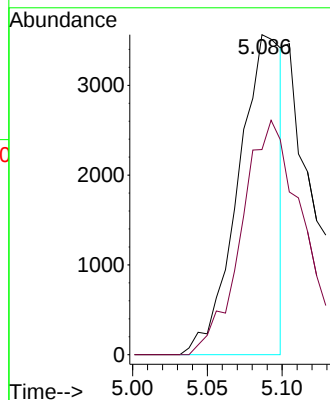
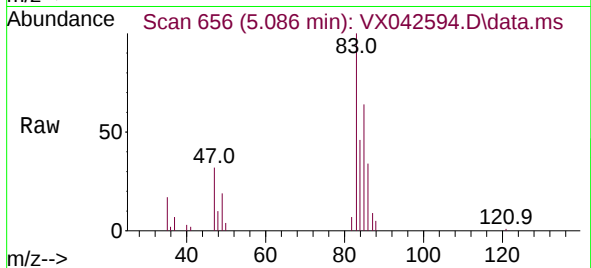
ClientSampleId :

Tgt Ion: 83 Resp: 7179

Ion Ratio Lower Upper

83 100

85 64.1 44.3 82.3



#27

1,2-Dichloroethane

Concen: 4.702 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042594.D

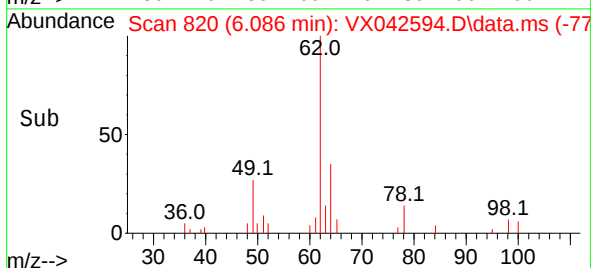
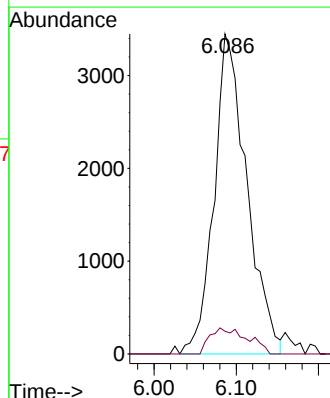
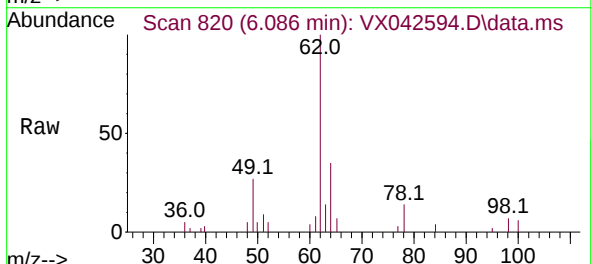
Acq: 26 Jul 2024 12:57

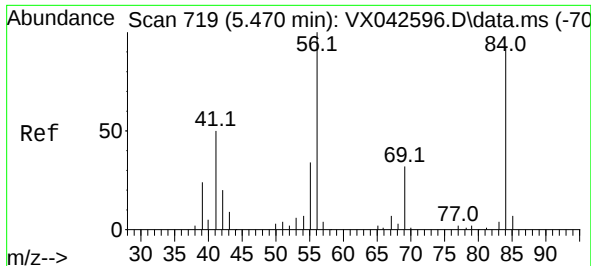
Tgt Ion: 62 Resp: 9535

Ion Ratio Lower Upper

62 100

98 7.1 7.1 10.7





#29

Cyclohexane

Concen: 4.410 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min MSVOA_X

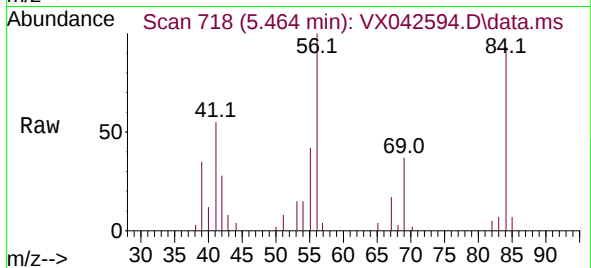
Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :



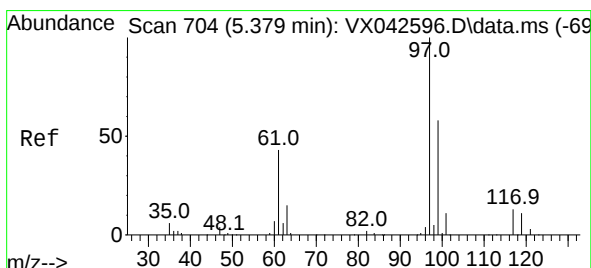
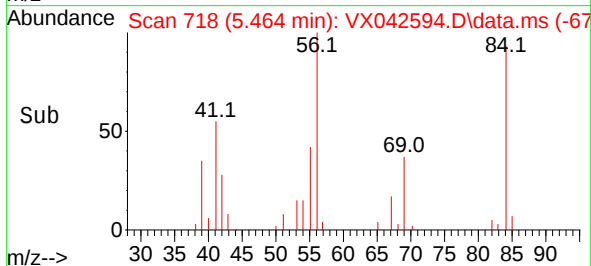
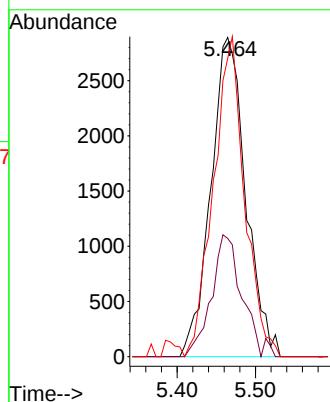
Tgt Ion: 56 Resp: 8942

Ion Ratio Lower Upper

56 100

69 32.7 26.1 39.1

84 89.5 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 4.618 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

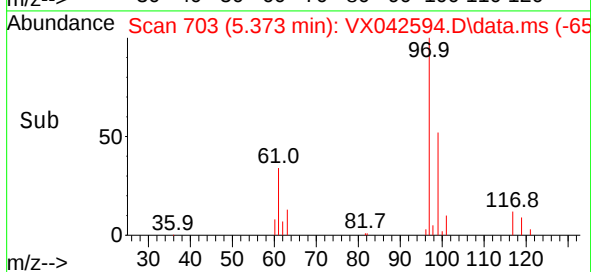
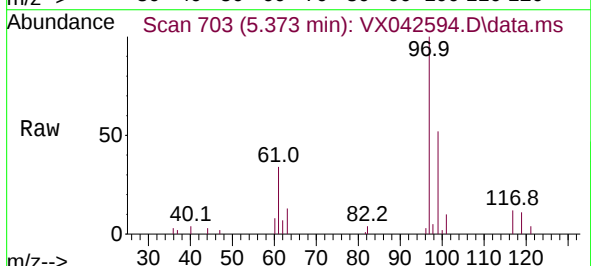
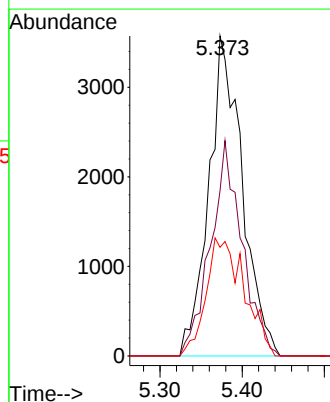
Tgt Ion: 97 Resp: 10117

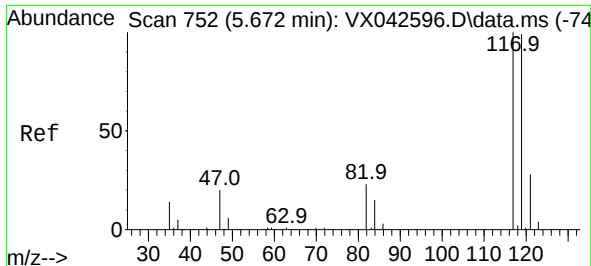
Ion Ratio Lower Upper

97 100

99 63.2 51.4 77.0

61 29.4 34.4 51.6#

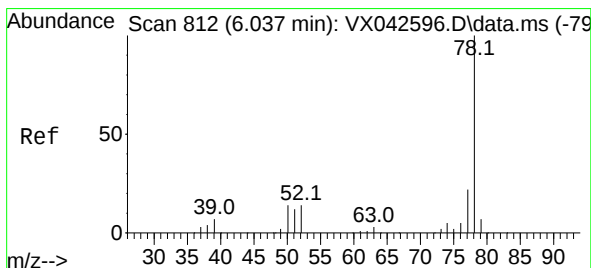
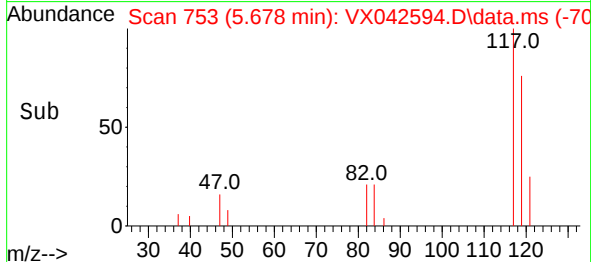
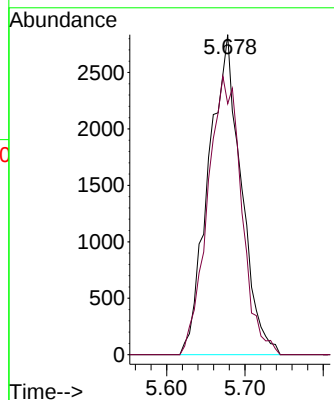
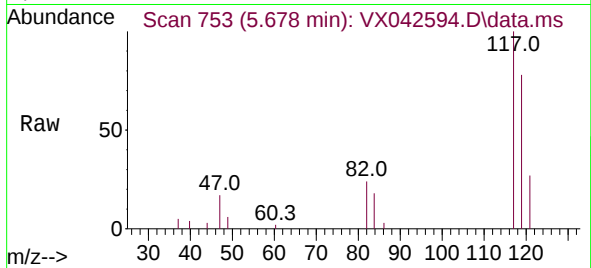




#31
Carbon tetrachloride
Concen: 4.421 ug/L
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

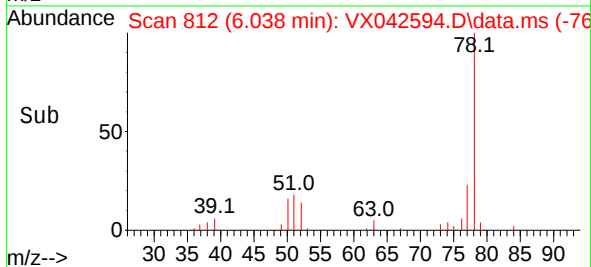
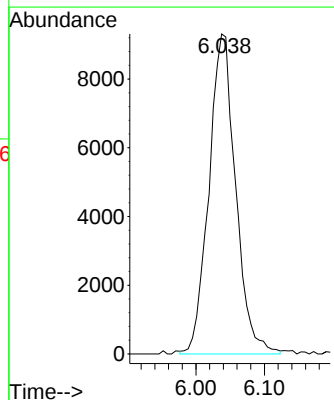
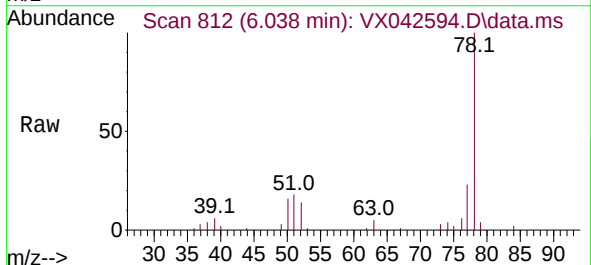
Instrument :
MSVOA_X
ClientSampleId :

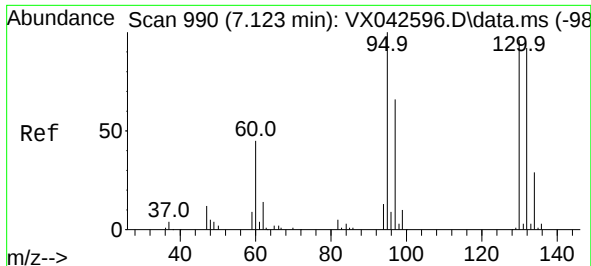
Tgt Ion:117 Resp: 8181
Ion Ratio Lower Upper
117 100
119 90.5 76.2 114.2



#33
Benzene
Concen: 4.812 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

Tgt Ion: 78 Resp: 25258





#34

Trichloroethene

Concen: 4.822 ug/L

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

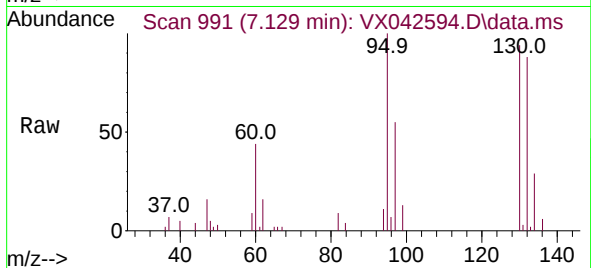
Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 6762

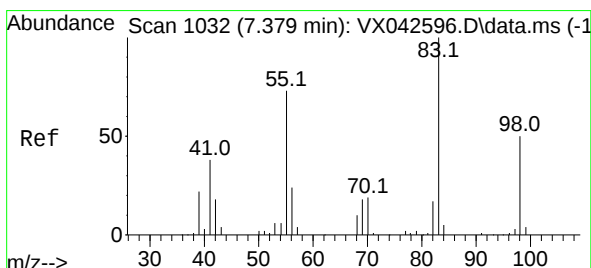
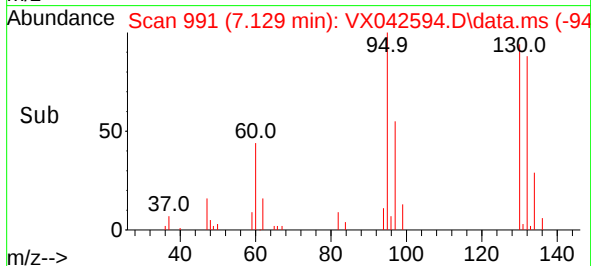
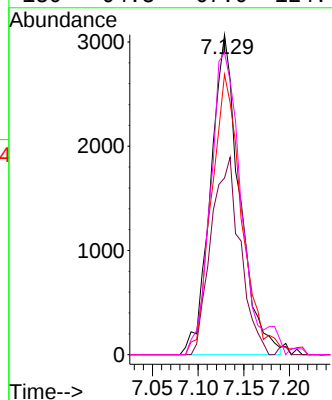
Ion Ratio Lower Upper

95 100

97 55.2 46.3 86.1

132 87.6 64.3 119.5

130 94.3 67.0 124.4



#35

Methylcyclohexane

Concen: 4.299 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

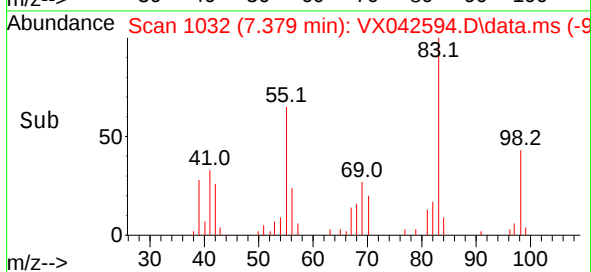
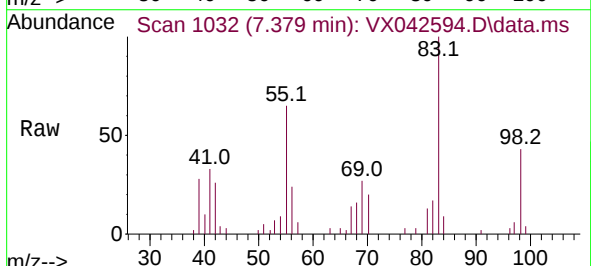
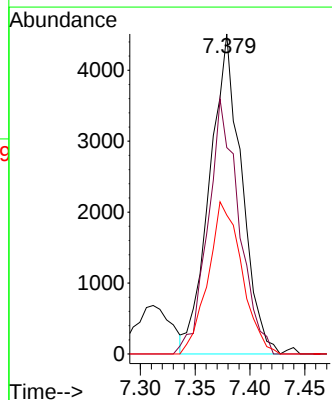
Tgt Ion: 83 Resp: 9125

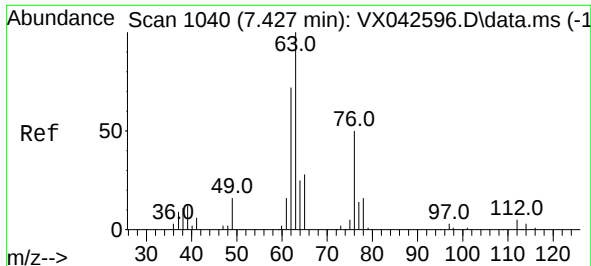
Ion Ratio Lower Upper

83 100

55 77.4 58.2 87.2

98 50.3 38.5 57.7





#37

1,2-Dichloropropane

Concen: 4.570 ug/L

RT: 7.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

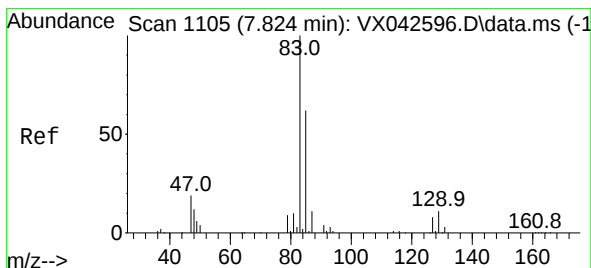
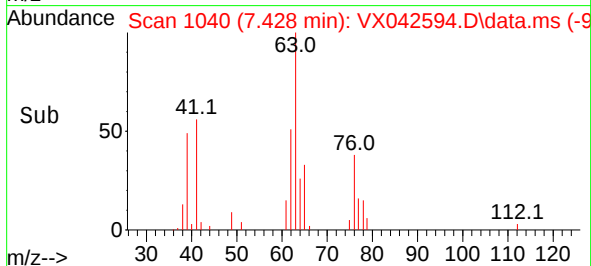
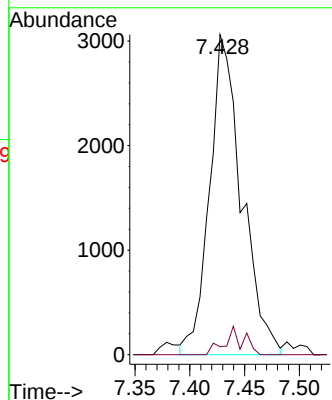
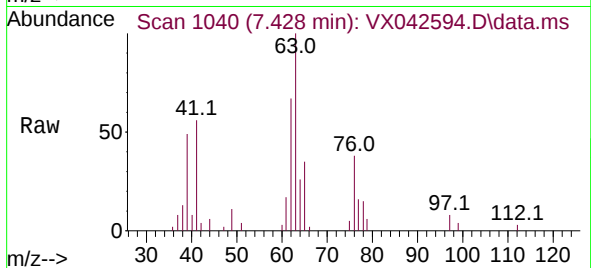
ClientSampleId :

Tgt Ion: 63 Resp: 6235

Ion Ratio Lower Upper

63 100

112 1.1 3.7 5.5#



#38

Bromodichloromethane

Concen: 4.357 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

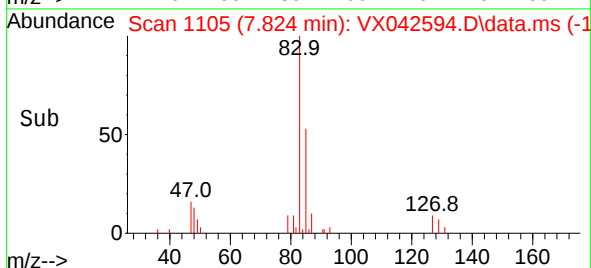
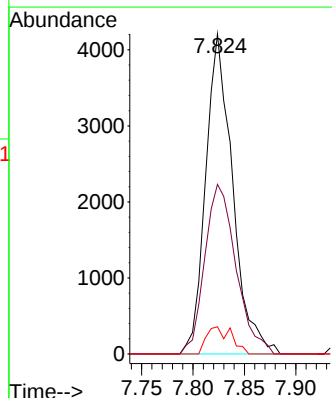
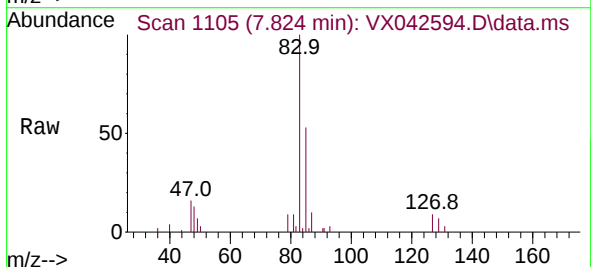
Tgt Ion: 83 Resp: 7682

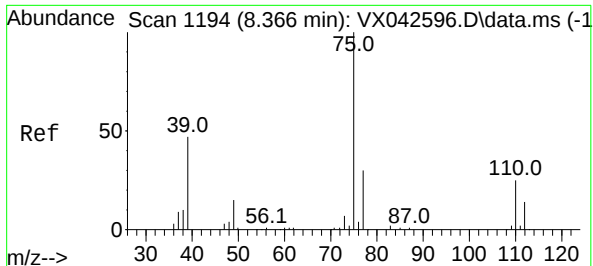
Ion Ratio Lower Upper

83 100

85 53.0 43.7 81.1

127 8.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.160 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

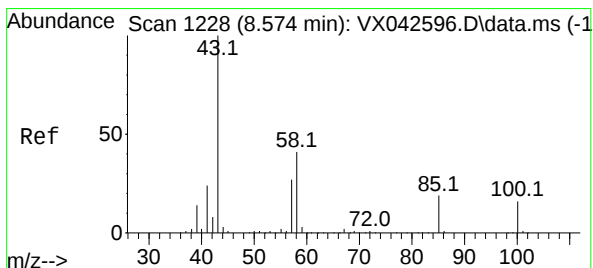
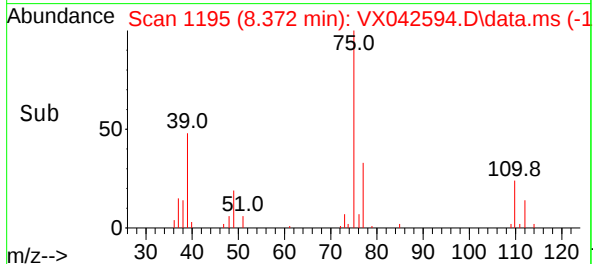
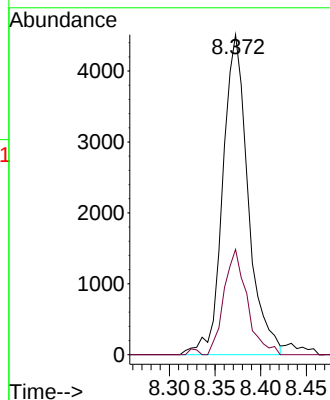
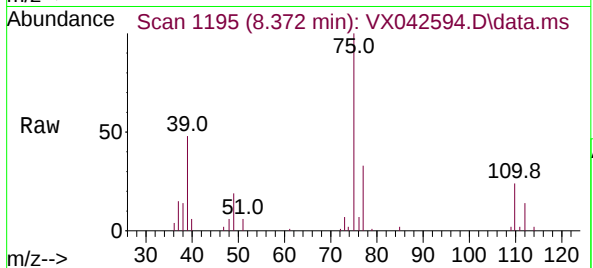
ClientSampleId :

Tgt Ion: 75 Resp: 8712

Ion Ratio Lower Upper

75 100

77 32.9 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 8.537 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

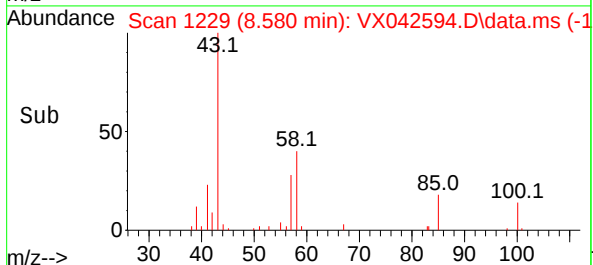
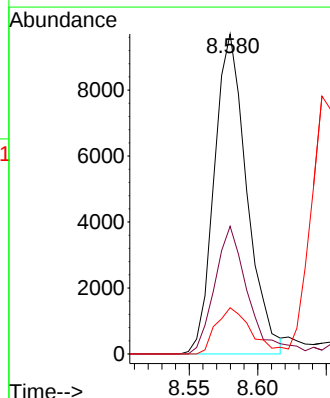
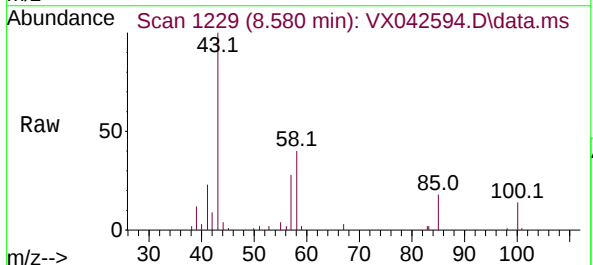
Tgt Ion: 43 Resp: 16024

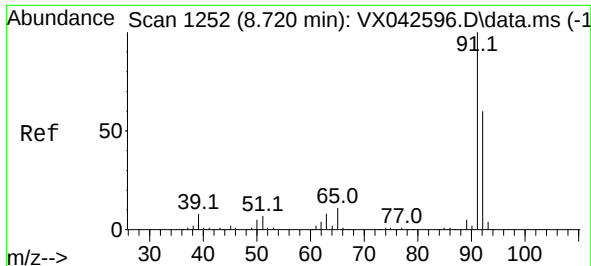
Ion Ratio Lower Upper

43 100

58 40.7 32.4 48.6

100 16.0 13.4 20.0





#42

Toluene

Concen: 4.498 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

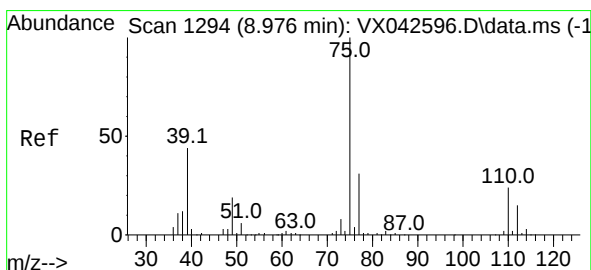
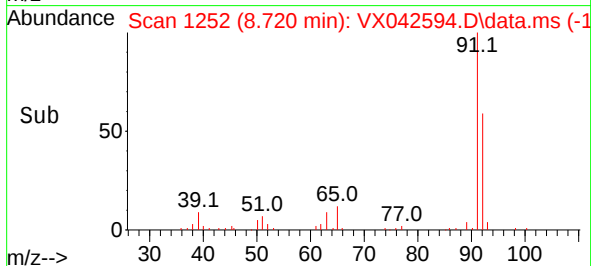
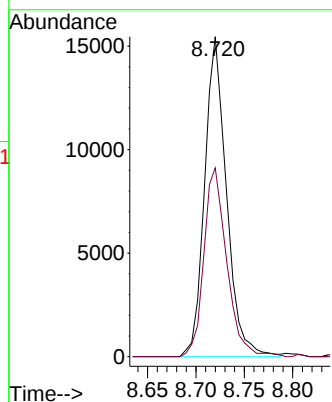
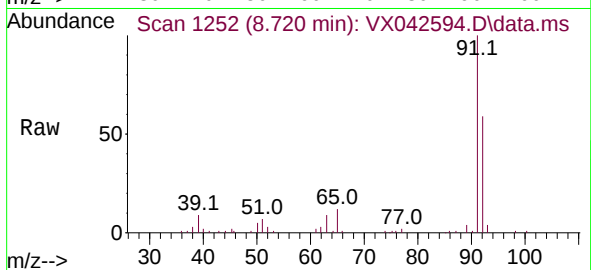
ClientSampleId :

Tgt Ion: 91 Resp: 24320

Ion Ratio Lower Upper

91 100

92 59.0 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 3.854 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX042594.D

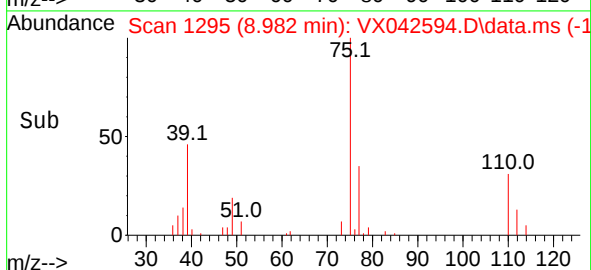
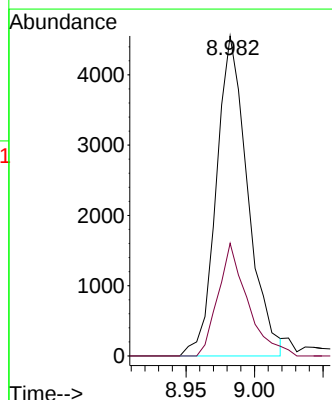
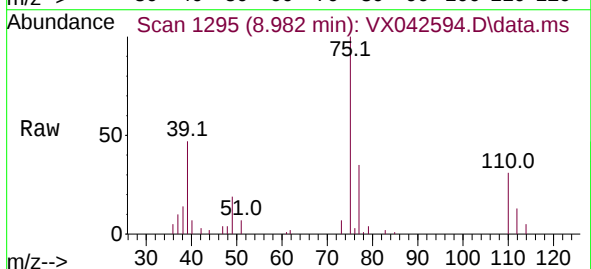
Acq: 26 Jul 2024 12:57

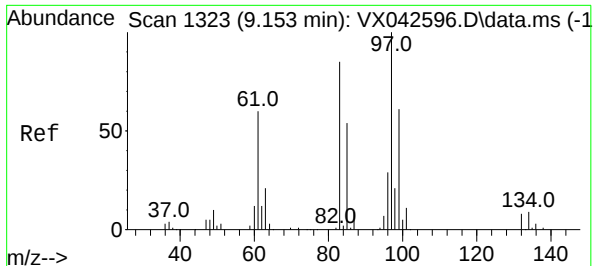
Tgt Ion: 75 Resp: 7258

Ion Ratio Lower Upper

75 100

77 35.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 4.917 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 6775

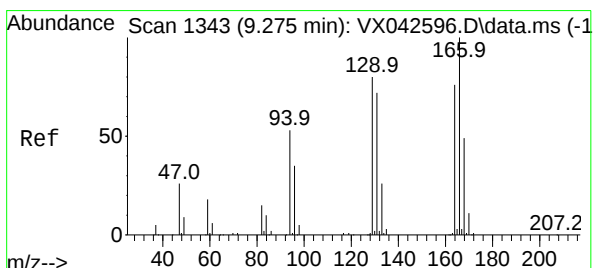
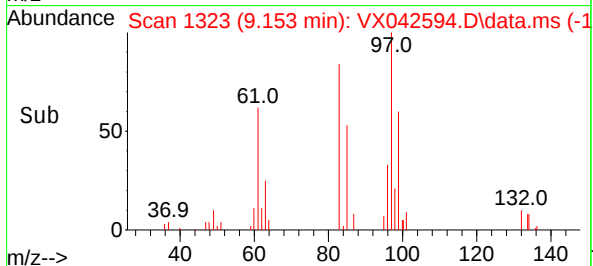
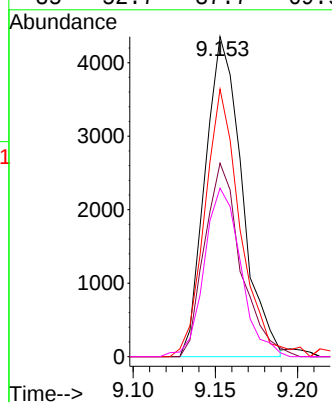
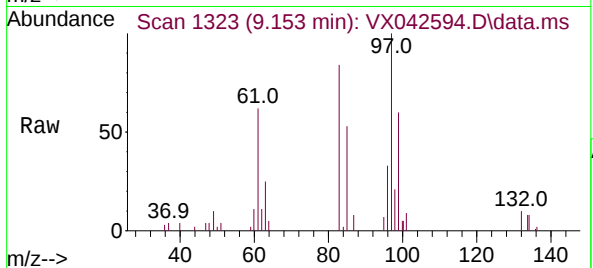
Ion Ratio Lower Upper

97 100

99 60.5 42.6 79.2

83 83.6 59.3 110.1

85 52.7 37.7 69.9



#46

Tetrachloroethene

Concen: 4.807 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Tgt Ion:164 Resp: 4597

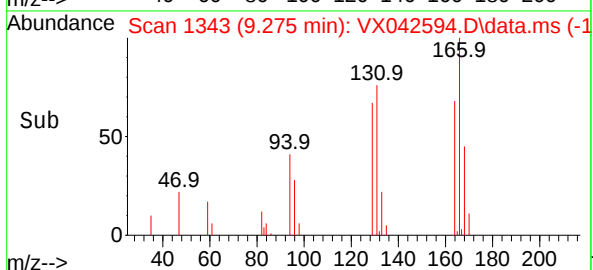
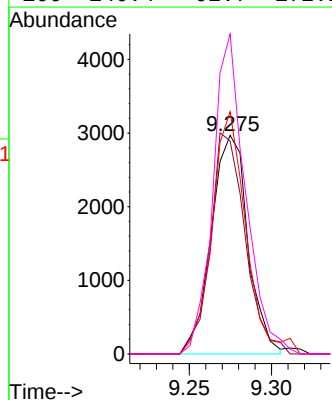
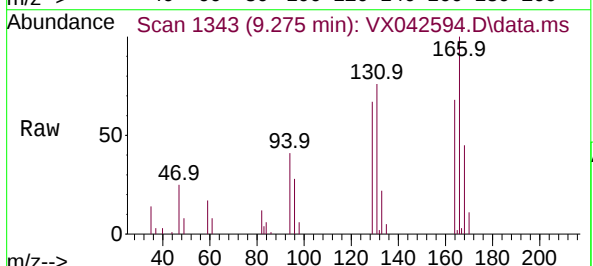
Ion Ratio Lower Upper

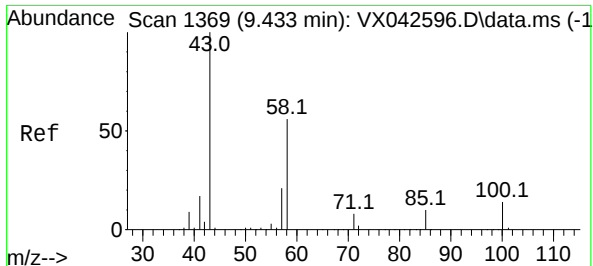
164 100

129 97.5 74.2 137.8

131 110.9 66.9 124.3

166 146.4 92.7 172.1





#48

2-Hexanone

Concen: 8.144 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

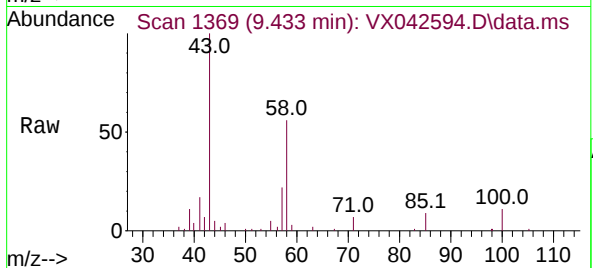
Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 11888

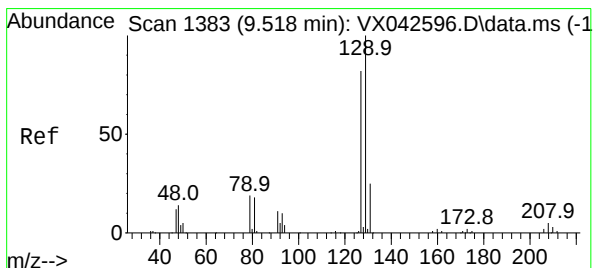
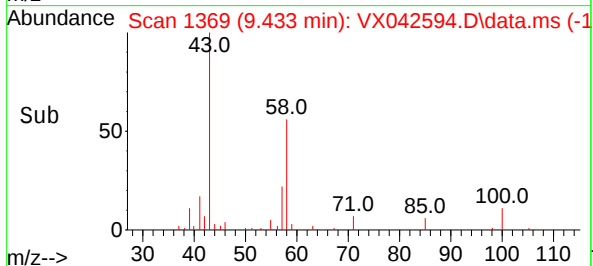
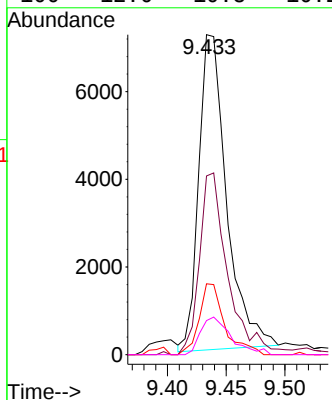
Ion Ratio Lower Upper

43 100

58 54.9 44.9 67.3

57 20.6 15.8 23.6

100 12.6 10.8 16.2



#49

Dibromochloromethane

Concen: 4.297 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX042594.D

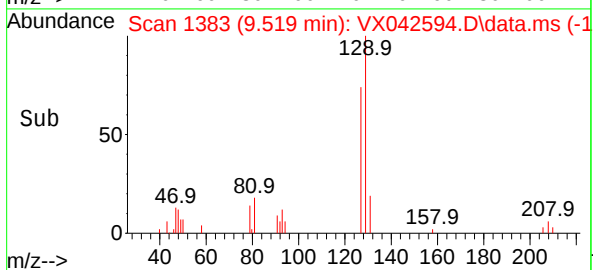
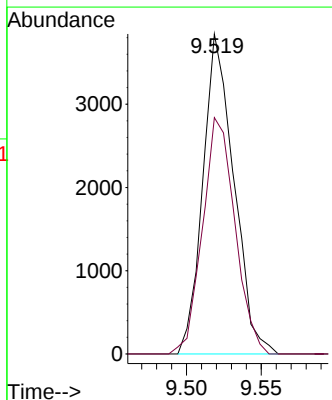
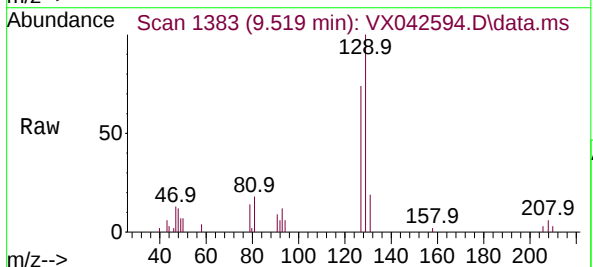
Acq: 26 Jul 2024 12:57

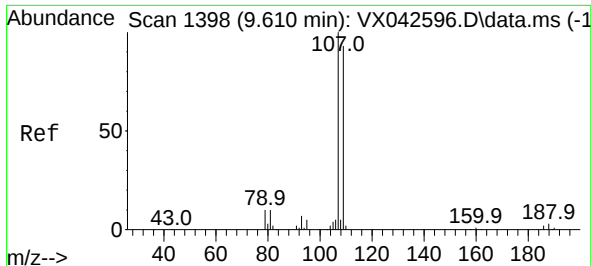
Tgt Ion:129 Resp: 5529

Ion Ratio Lower Upper

129 100

127 73.9 57.4 106.6

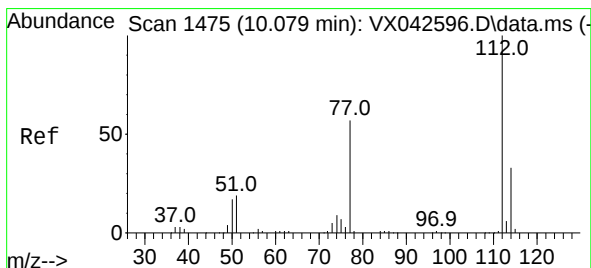
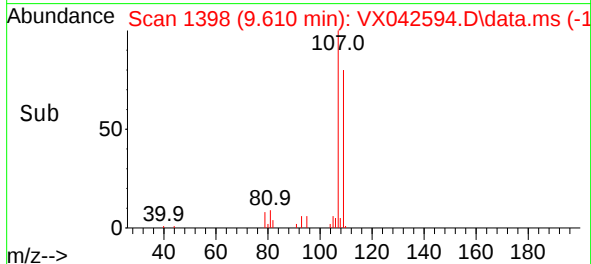
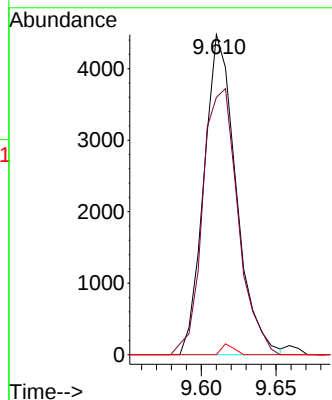
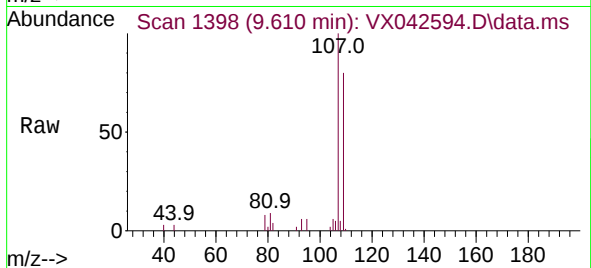




#50
1,2-Dibromoethane
Concen: 4.673 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

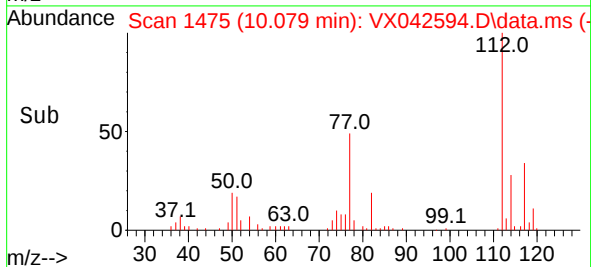
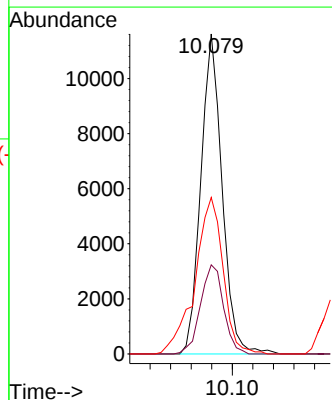
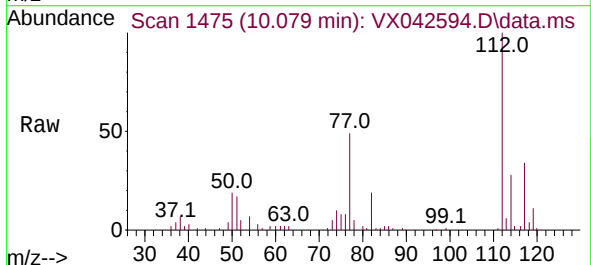
Instrument :
MSVOA_X
ClientSampleId :

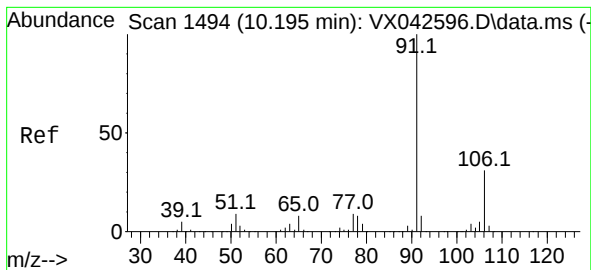
Tgt Ion:107 Resp: 6696
Ion Ratio Lower Upper
107 100
109 80.4 65.4 121.4
188 0.0 2.2 3.2#



#51
Chlorobenzene
Concen: 4.787 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

Tgt Ion:112 Resp: 16737
Ion Ratio Lower Upper
112 100
114 27.9 23.2 43.2
77 48.9 46.3 69.5

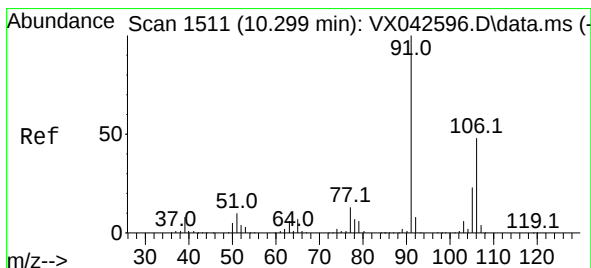
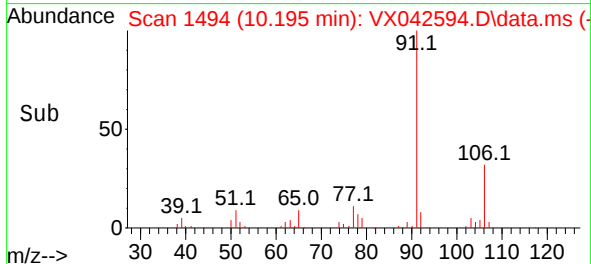
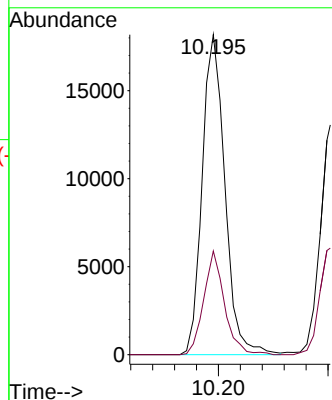
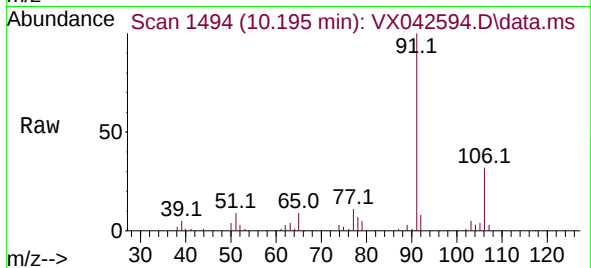




#52
Ethylbenzene
Concen: 4.401 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

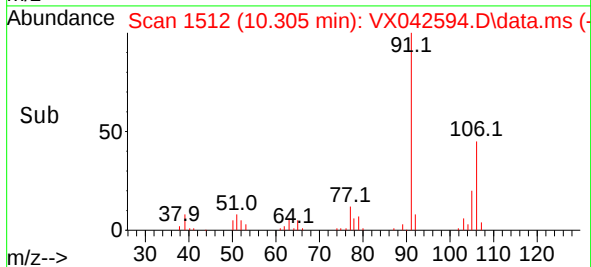
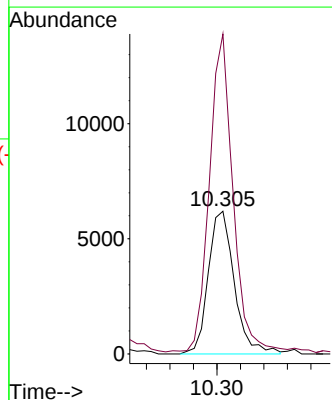
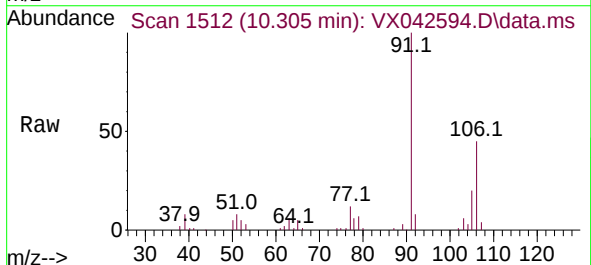
Instrument :
MSVOA_X
ClientSampleId :

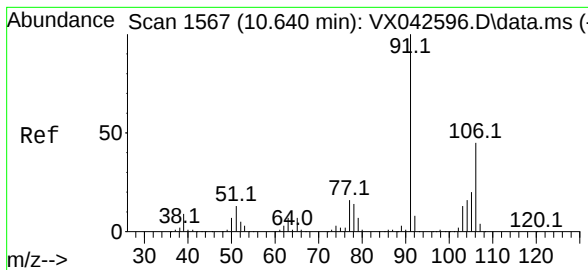
Tgt Ion: 91 Resp: 26098
Ion Ratio Lower Upper
91 100
106 32.4 21.8 40.4



#53
m,p-Xylene
Concen: 4.276 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

Tgt Ion: 106 Resp: 9551
Ion Ratio Lower Upper
106 100
91 224.2 146.8 272.6

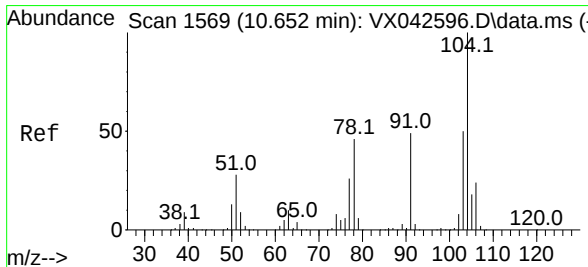
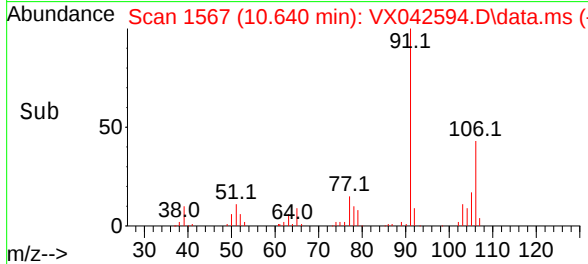
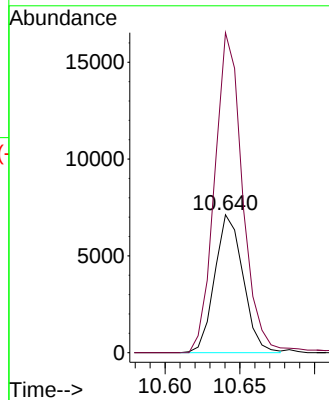
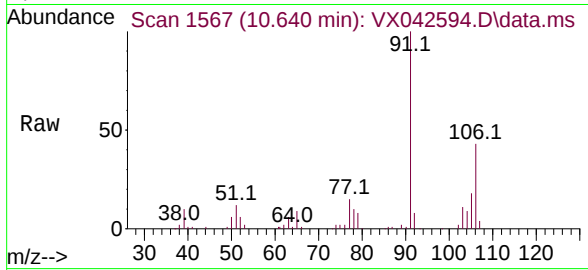




#54
o-Xylene
Concen: 4.226 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

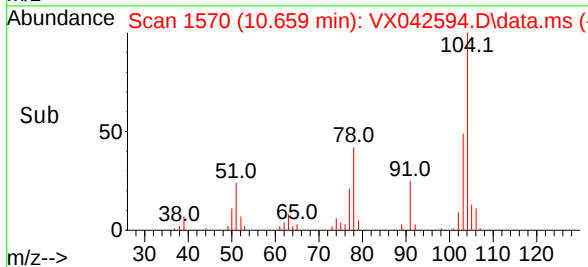
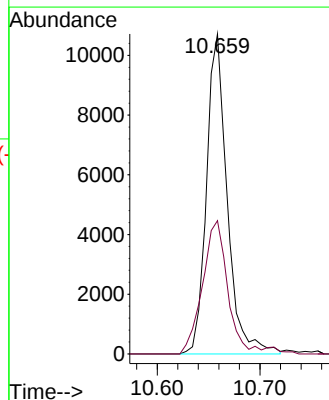
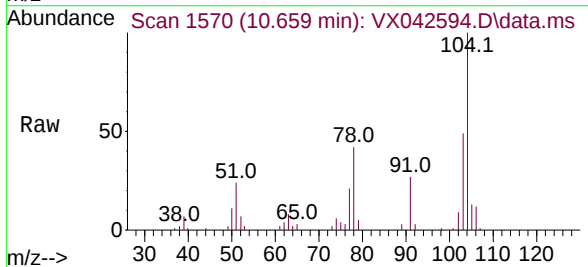
Instrument :
MSVOA_X
ClientSampleId :

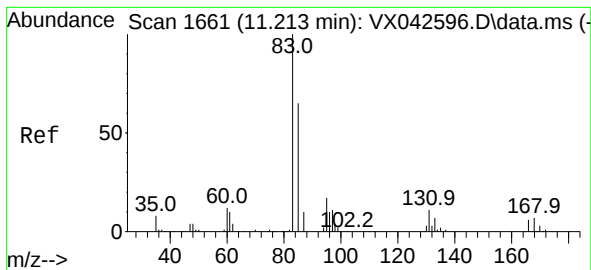
Tgt Ion:106 Resp: 9390
Ion Ratio Lower Upper
106 100
91 232.1 154.6 287.2



#55
Styrene
Concen: 4.053 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

Tgt Ion:104 Resp: 15014
Ion Ratio Lower Upper
104 100
78 41.6 32.6 60.5

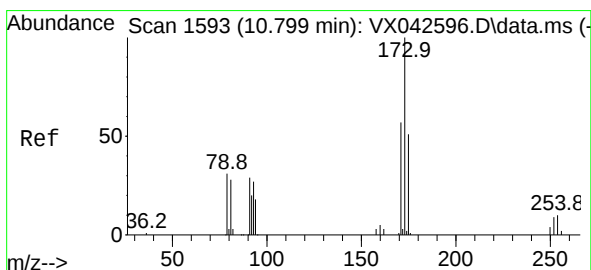
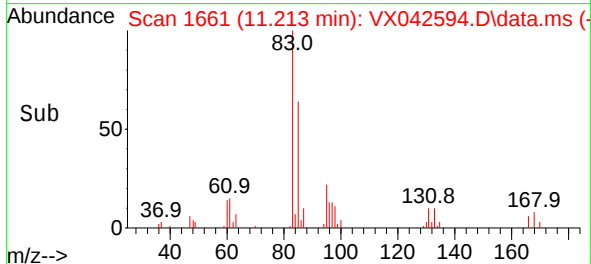
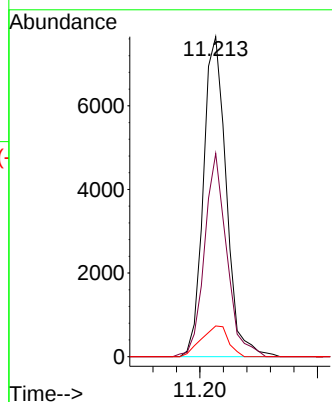
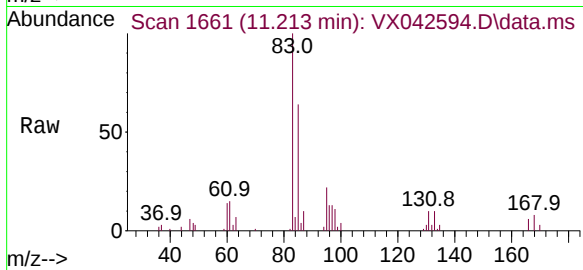




#57
1,1,2,2-Tetrachloroethane
Concen: 4.691 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

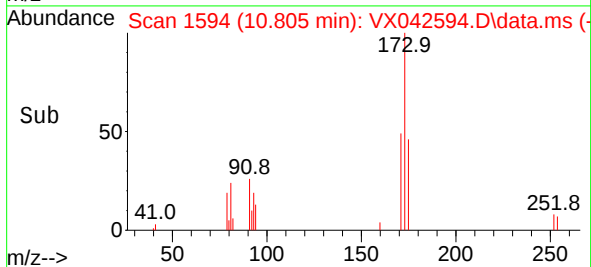
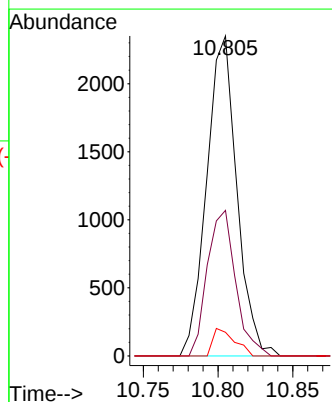
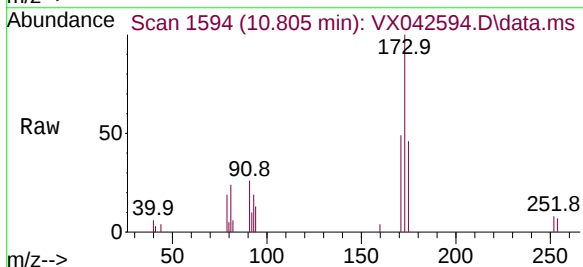
Instrument :
MSVOA_X
ClientSampleId :

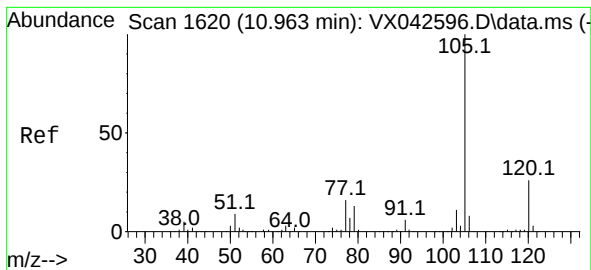
Tgt Ion: 83 Resp: 10336
Ion Ratio Lower Upper
83 100
85 63.5 46.1 85.5
131 9.6 8.6 13.0



#59
Bromoform
Concen: 4.380 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

Tgt Ion:173 Resp: 3303
Ion Ratio Lower Upper
173 100
175 42.6 37.4 56.2
254 6.1 6.8 10.2#





#60

Isopropylbenzene

Concen: 4.669 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :

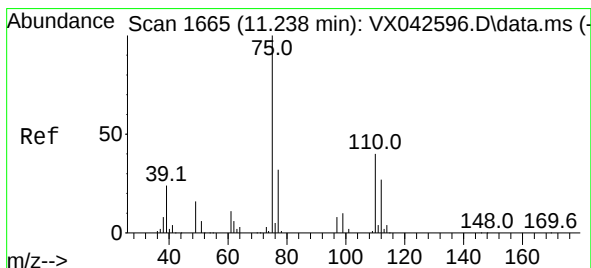
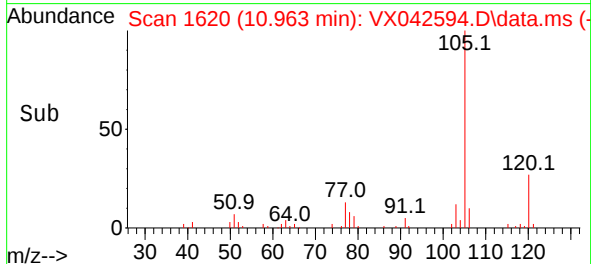
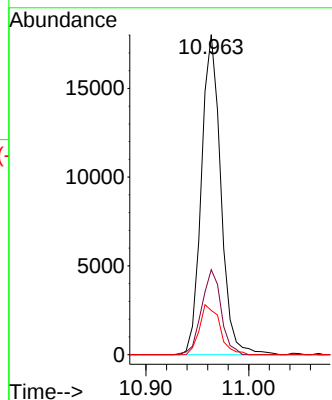
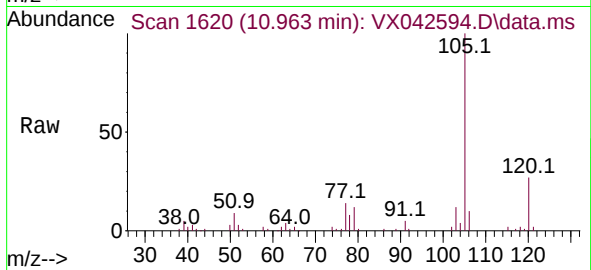
Tgt Ion:105 Resp: 23704

Ion Ratio Lower Upper

105 100

120 26.7 21.0 31.6

77 16.4 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 5.221 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

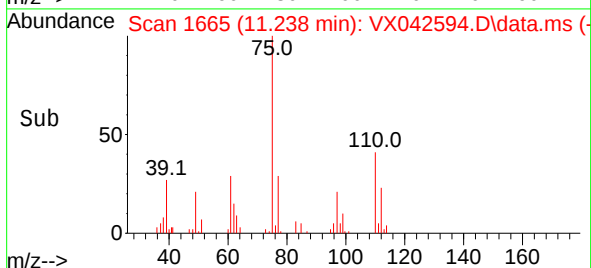
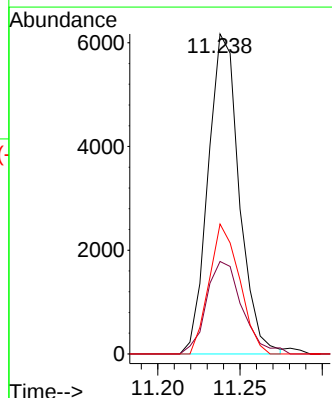
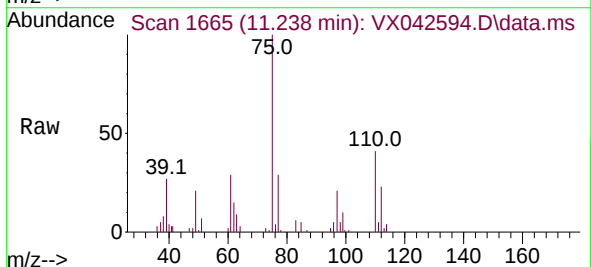
Tgt Ion: 75 Resp: 8117

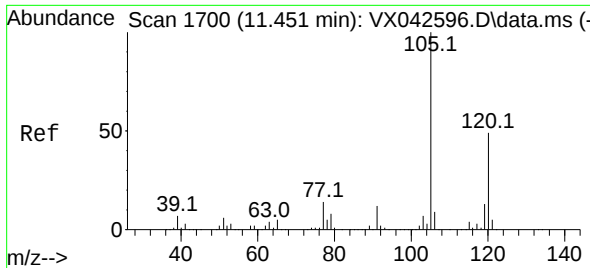
Ion Ratio Lower Upper

75 100

77 33.2 26.2 39.4

110 39.6 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 4.498 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

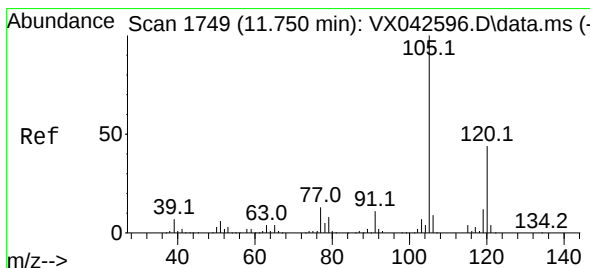
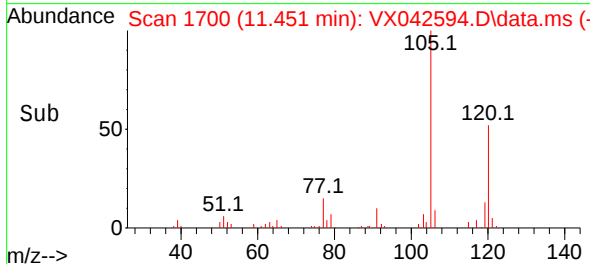
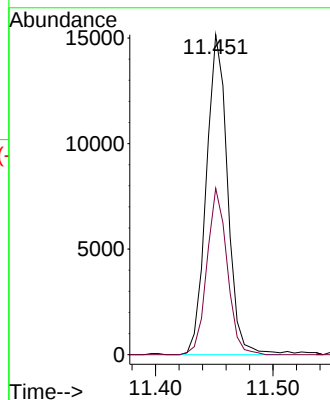
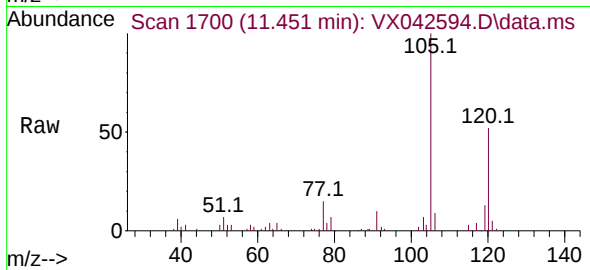
ClientSampleId :

Tgt Ion:105 Resp: 18995

Ion Ratio Lower Upper

105 100

120 49.5 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 4.435 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX042594.D

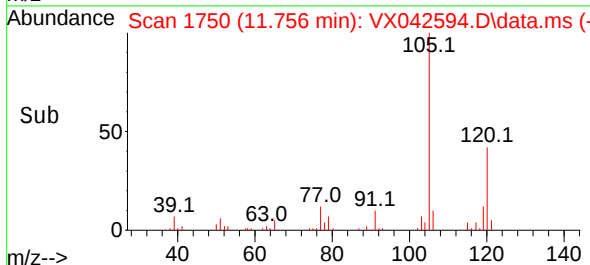
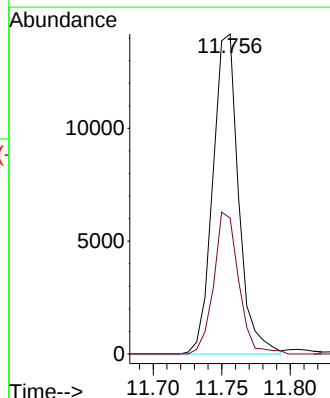
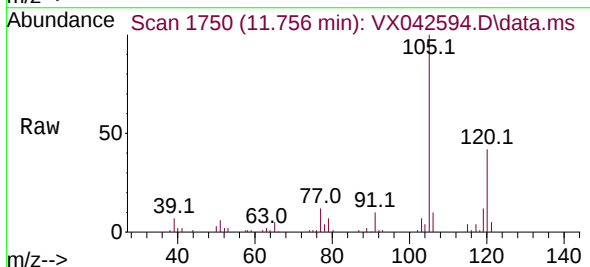
Acq: 26 Jul 2024 12:57

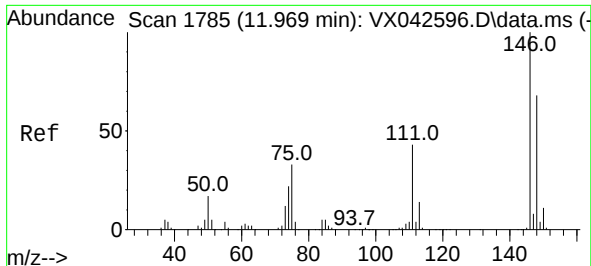
Tgt Ion:105 Resp: 18492

Ion Ratio Lower Upper

105 100

120 42.3 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 4.752 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :

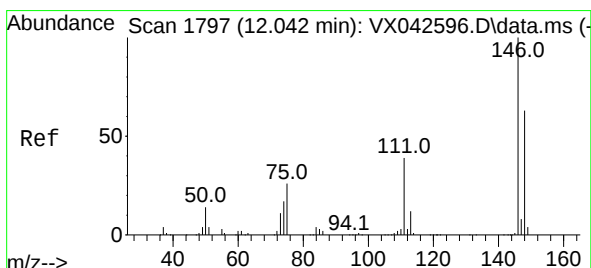
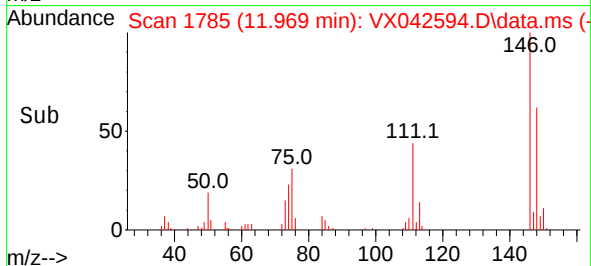
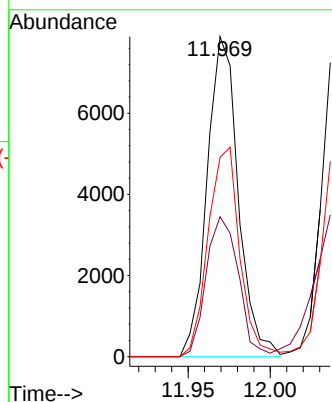
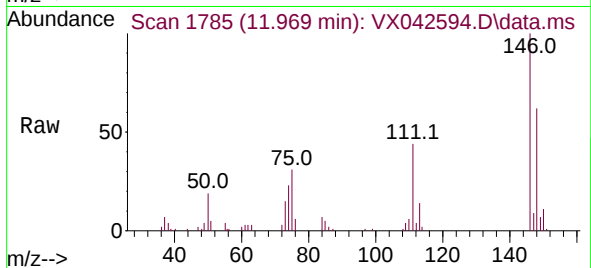
Tgt Ion:146 Resp: 10377

Ion Ratio Lower Upper

146 100

111 43.7 30.4 56.5

148 62.3 47.7 88.7



#65

1,4-Dichlorobenzene

Concen: 4.894 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

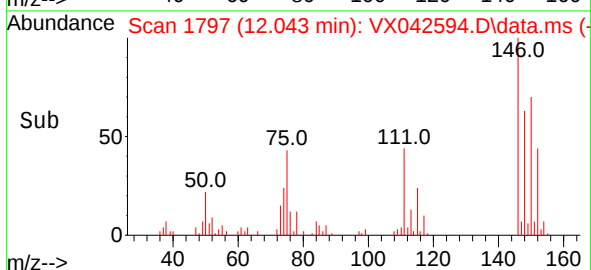
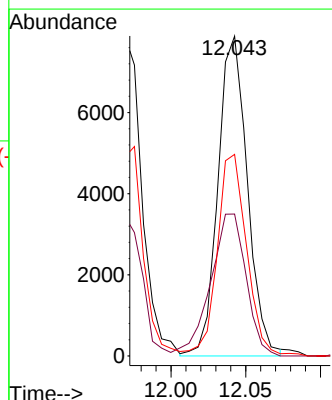
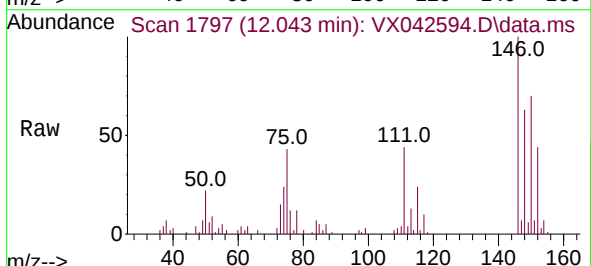
Tgt Ion:146 Resp: 10764

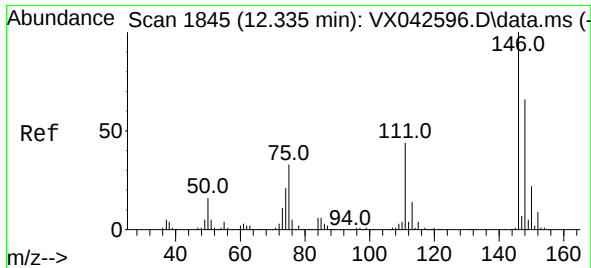
Ion Ratio Lower Upper

146 100

111 44.4 27.9 51.7

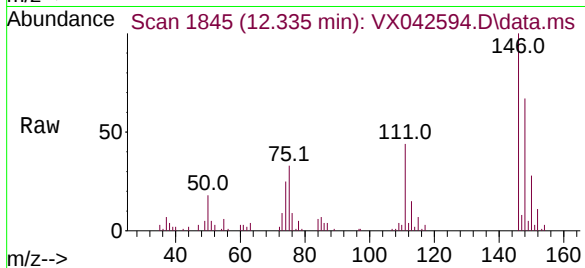
148 63.0 44.1 81.9



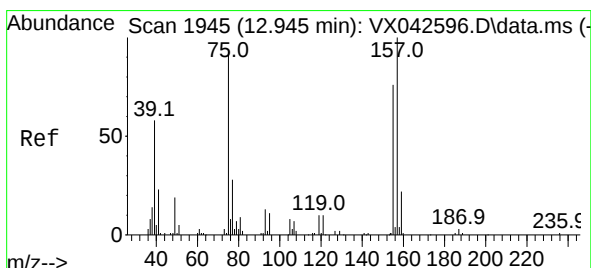
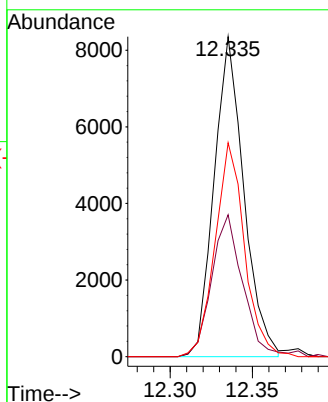
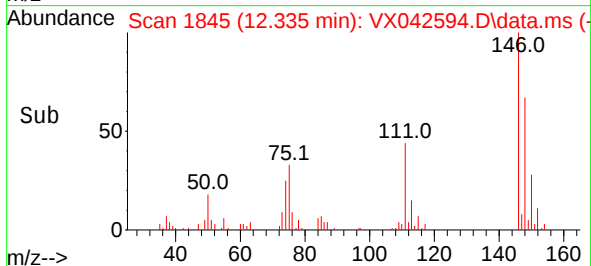


#67
1,2-Dichlorobenzene
Concen: 4.765 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

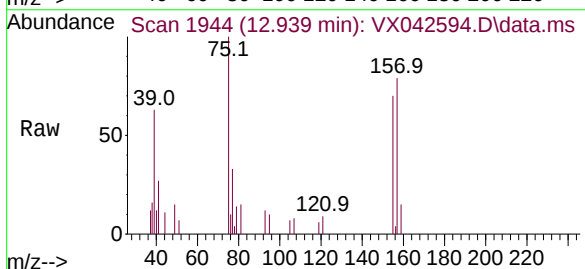
Instrument :
MSVOA_X
ClientSampleId :



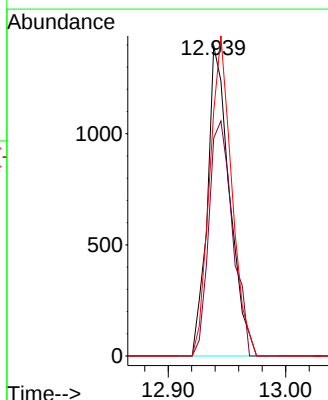
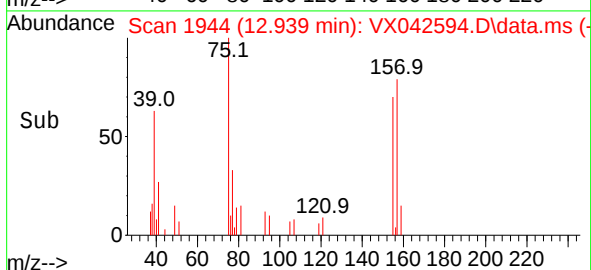
Tgt Ion:146 Resp: 10477
Ion Ratio Lower Upper
146 100
111 44.4 35.3 52.9
148 66.9 52.7 79.1

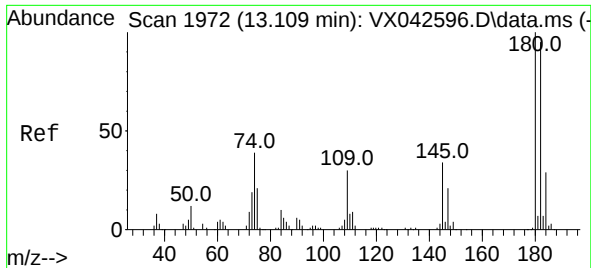


#68
1,2-Dibromo-3-chloropropane
Concen: 4.426 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57



Tgt Ion: 75 Resp: 1833
Ion Ratio Lower Upper
75 100
155 70.3 65.1 97.7
157 78.9 85.8 128.6#





#69

1,3,5-Trichlorobenzene

Concen: 4.426 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.006 min

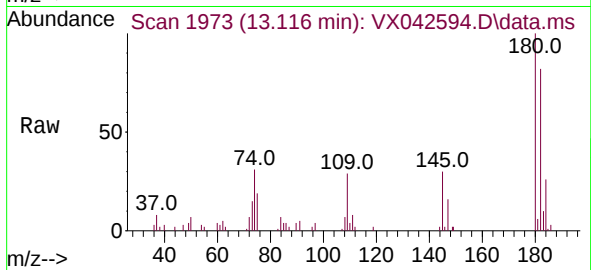
Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 5995

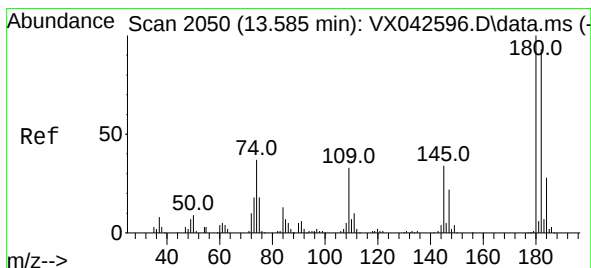
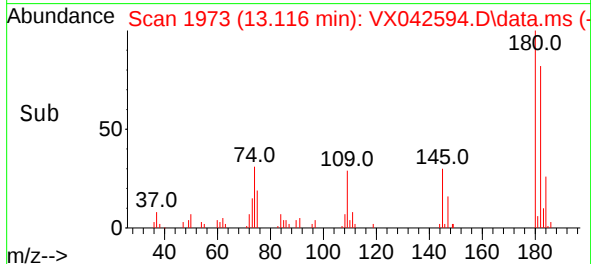
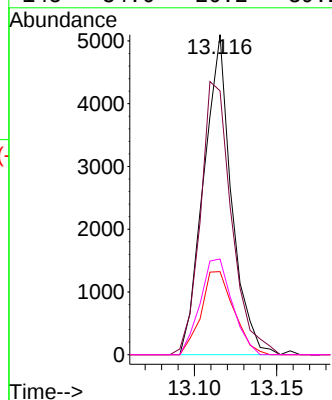
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.0

184 30.6 23.4 35.0

145 34.6 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 4.215 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX042594.D

Acq: 26 Jul 2024 12:57

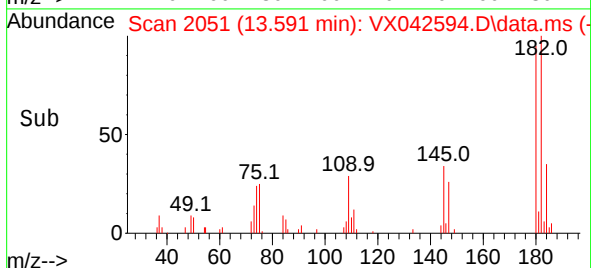
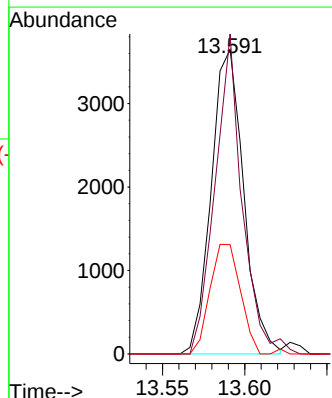
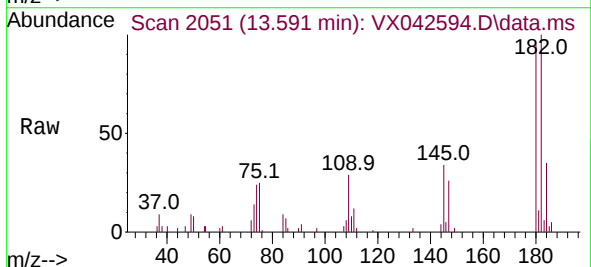
Tgt Ion:180 Resp: 5006

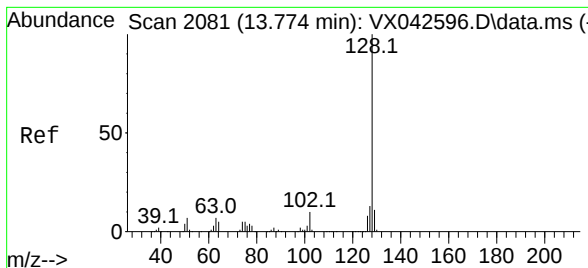
Ion Ratio Lower Upper

180 100

182 87.9 77.0 115.4

145 33.7 27.0 40.6

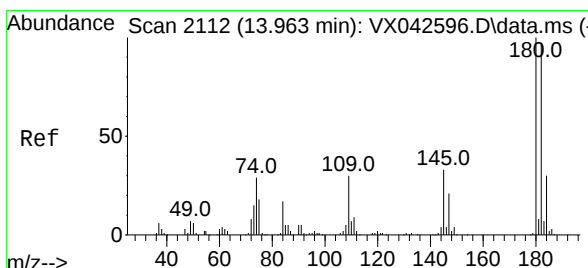
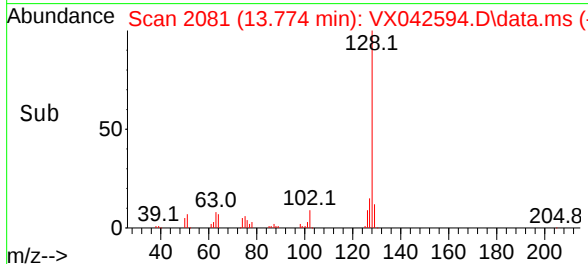
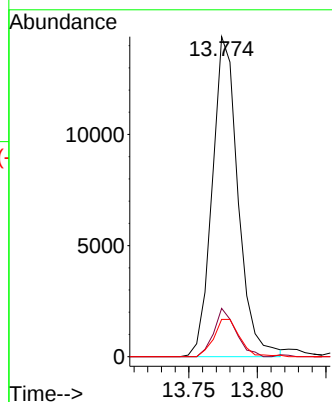
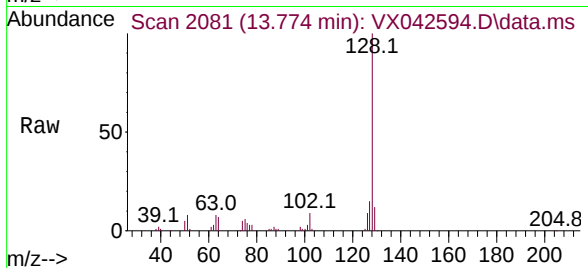




#71
Naphthalene
Concen: 4.121 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:	128	Resp:	18879
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.6	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 4.295 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX042594.D
Acq: 26 Jul 2024 12:57

Tgt Ion:	180	Resp:	5284
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.2	114.2
145	36.3	27.6	41.4

