

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042176.D
 Acq On : 03 Jul 2024 20:38
 Operator : JC/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 04:48:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:46:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	274230	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	256061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	160049	102.395	ug/L	0.00
7) Chloroethane-d5	1.642	69	96971	86.804	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	70549	93.537	ug/L	0.00
21) 2-Butanone-d5	4.465	46	229868	200.820	ug/L	0.00
24) Chloroform-d	5.056	84	320968	95.188	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	189708	79.940	ug/L	0.00
32) Benzene-d6	5.970	84	659330	95.115	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	198457	95.586	ug/L	0.00
41) Toluene-d8	8.647	98	616607	86.573	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	91930	90.327	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	194459	202.257	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	298794	92.343	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	276029	96.147	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	188983	99.119	ug/L	100
3) Chloromethane	1.301	50	191360	113.570	ug/L	98
5) Vinyl chloride	1.374	62	189116	110.038	ug/L	99
6) Bromomethane	1.593	94	103739	90.528	ug/L	100
8) Chloroethane	1.660	64	86894	89.764	ug/L	99
9) Trichlorofluoromethane	1.868	101	230773	79.638	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	168391	95.064	ug/L	100
12) 1,1-Dichloroethene	2.307	96	161807	101.793	ug/L	91
13) Acetone	2.392	43	143043	128.298	ug/L	96
14) Carbon disulfide	2.502	76	419673	108.368	ug/L	99
15) Methyl Acetate	2.709	43	190524	96.010	ug/L	98
16) Methylene chloride	2.782	84	183104	102.324	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	165952	101.772	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	545806	98.771	ug/L	99
19) 1,1-Dichloroethane	3.605	63	297194	98.699	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	193952	102.333	ug/L	99
22) 2-Butanone	4.568	43	261544	180.790	ug/L	99
23) Bromochloromethane	4.904	128	105848	104.620	ug/L	98
25) Chloroform	5.093	83	312140	96.414	ug/L	100
27) 1,2-Dichloroethane	6.086	62	227512	86.221	ug/L	100
29) Cyclohexane	5.464	56	270278	95.129	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	270864	91.176	ug/L	100
31) Carbon tetrachloride	5.672	117	242277	92.187	ug/L	100
33) Benzene	6.038	78	685419	95.452	ug/L	100
34) Trichloroethene	7.123	95	181794	93.003	ug/L	98
35) Methylcyclohexane	7.379	83	279062	92.249	ug/L	99
37) 1,2-Dichloropropane	7.428	63	175693	96.764	ug/L	100
38) Bromodichloromethane	7.824	83	224917	93.052	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	278211	93.865	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	524122	182.214	ug/L	100
42) Toluene	8.720	91	739349	94.431	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	252503	92.048	ug/L	99

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 ClientSampleId :

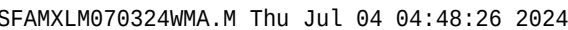
Quant Time: Jul 04 04:48:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:46:15 2024
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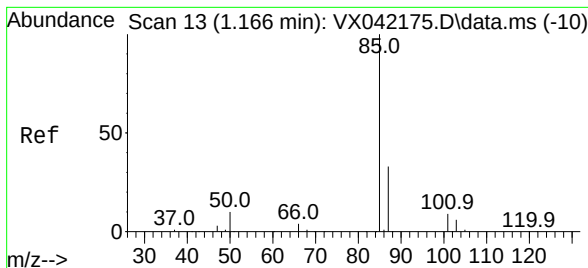
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	9.153	97	190729	95.067	ug/L	98
46) Tetrachloroethene	9.275	164	171178	91.366	ug/L	99
48) 2-Hexanone	9.433	43	411209	180.831	ug/L	99
49) Dibromochloromethane	9.519	129	206490	102.141	ug/L	99
50) 1,2-Dibromoethane	9.610	107	207030	99.316	ug/L	98
51) Chlorobenzene	10.079	112	509132	97.614	ug/L	99
52) Ethylbenzene	10.195	91	816547	95.461	ug/L	100
53) m,p-Xylene	10.299	106	328767	94.633	ug/L	100
54) o-Xylene	10.640	106	329779	93.178	ug/L	99
55) Styrene	10.653	104	564526	95.538	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	306660	92.636	ug/L	99
59) Bromoform	10.799	173	180945	107.735	ug/L	100
60) Isopropylbenzene	10.964	105	849581	97.407	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	232985	95.428	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	662216	109.175	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	716854	100.096	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	433095	96.993	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	433226	96.200	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	438593	95.860	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	65683	99.758	ug/L	88
69) 1,3,5-Trichlorobenzene	13.116	180	329403	97.332	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	302901	99.239	ug/L	99
71) Naphthalene	13.774	128	937022	103.851	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	315339	100.962	ug/L	99

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

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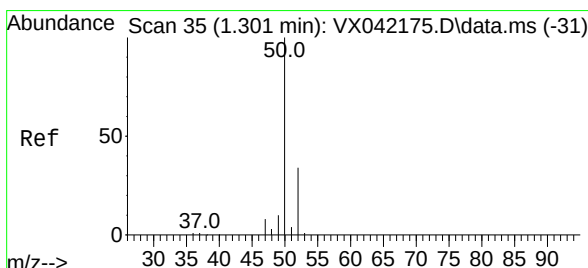
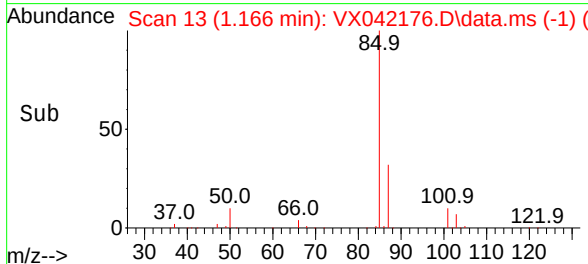
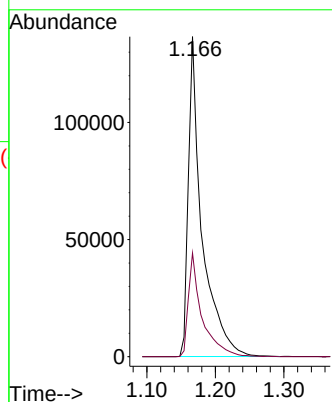
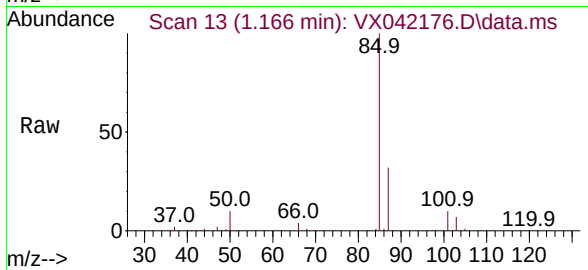




#2
 Dichlorodifluoromethane
 Concen: 99.119 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX042176.D
 Acq: 03 Jul 2024 20:38

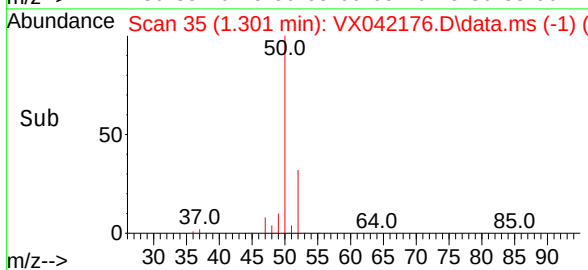
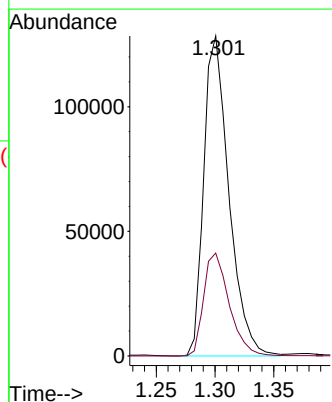
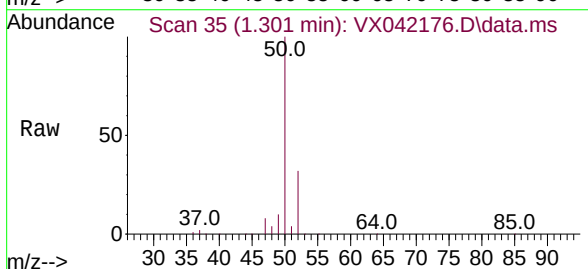
Instrument :
 MSVOA_X
 ClientSampleId :

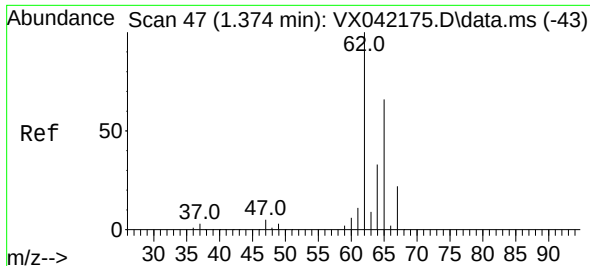
Tgt Ion: 85 Resp: 188983
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 113.570 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX042176.D
 Acq: 03 Jul 2024 20:38

Tgt Ion: 50 Resp: 191360
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.5 43.7

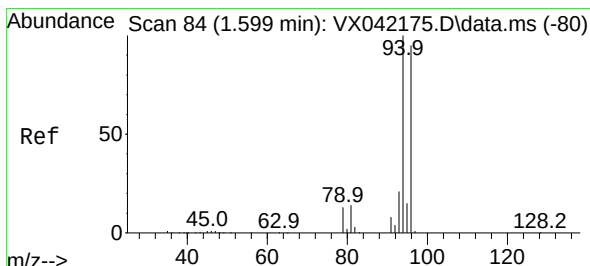
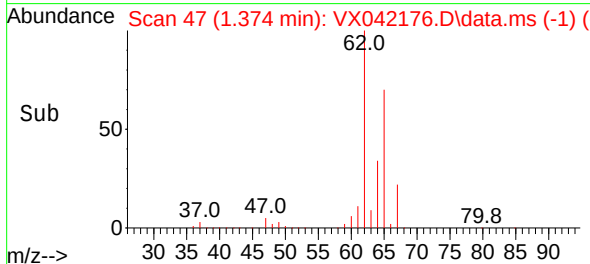
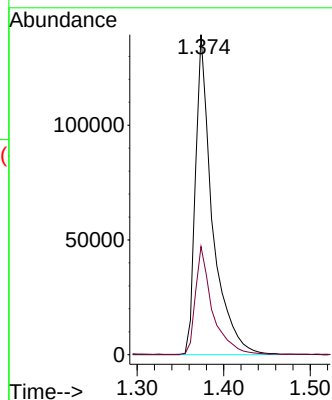
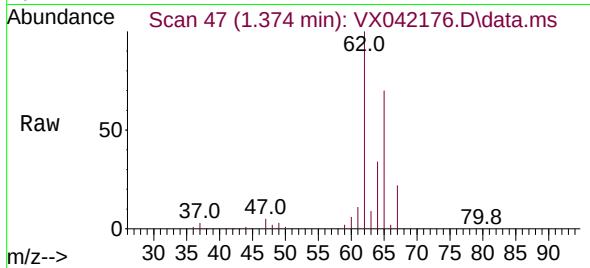




#5
 Vinyl chloride
 Concen: 110.038 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX042176.D
 Acq: 03 Jul 2024 20:38

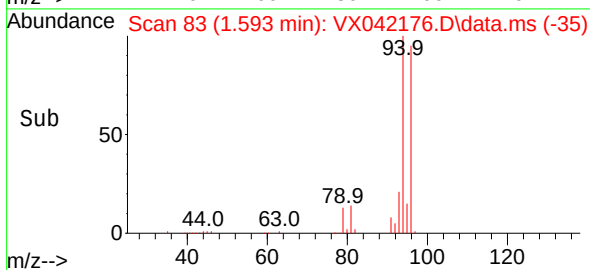
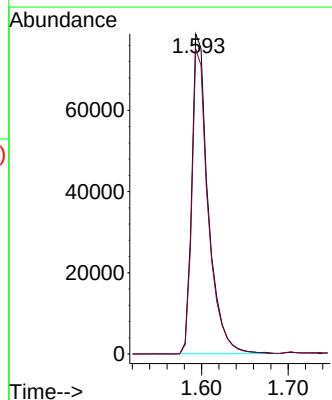
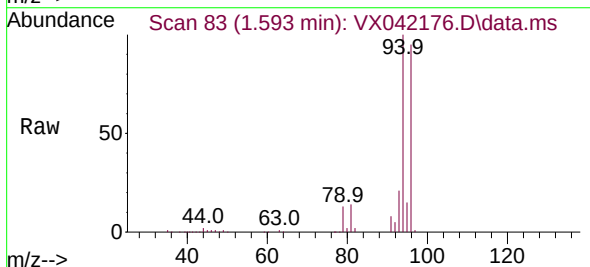
Instrument :
 MSVOA_X
 ClientSampleId :

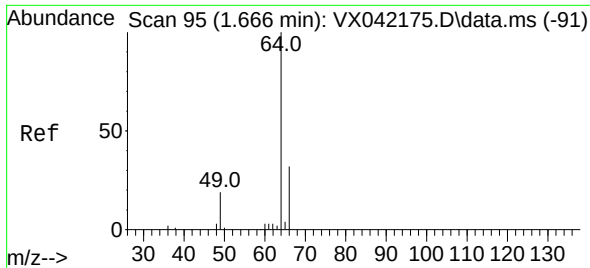
Tgt Ion: 62 Resp: 189116
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.0



#6
 Bromomethane
 Concen: 90.528 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: VX042176.D
 Acq: 03 Jul 2024 20:38

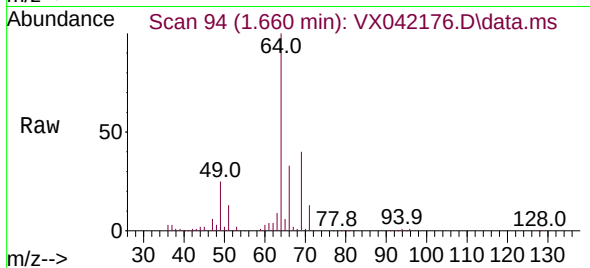
Tgt Ion: 94 Resp: 103739
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.4 123.4



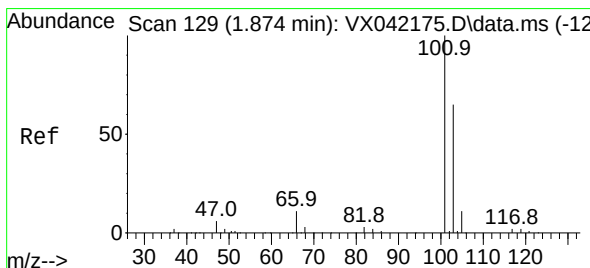
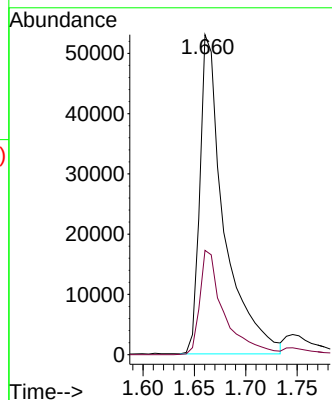
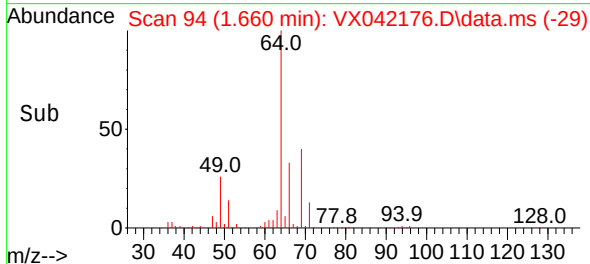


#8
Chloroethane
Concen: 89.764 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :

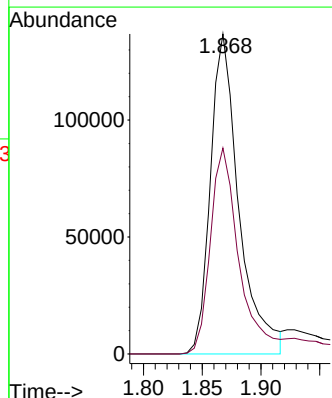
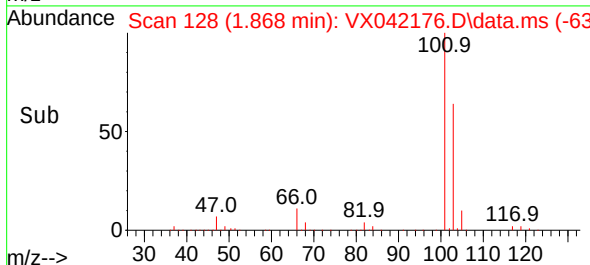
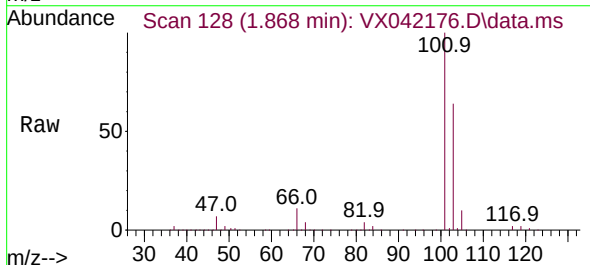


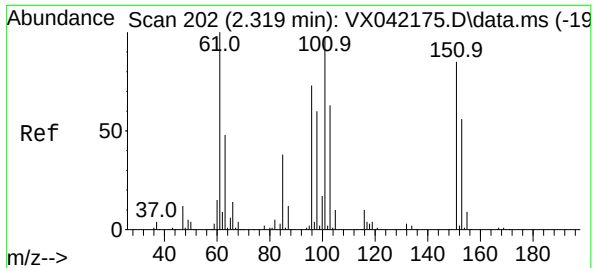
Tgt Ion: 64 Resp: 86894
Ion Ratio Lower Upper
64 100
66 32.6 22.5 41.7



#9
Trichlorofluoromethane
Concen: 79.638 ug/L
RT: 1.868 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

Tgt Ion:101 Resp: 230773
Ion Ratio Lower Upper
101 100
103 64.8 50.2 75.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 95.064 ug/L

RT: 2.313 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

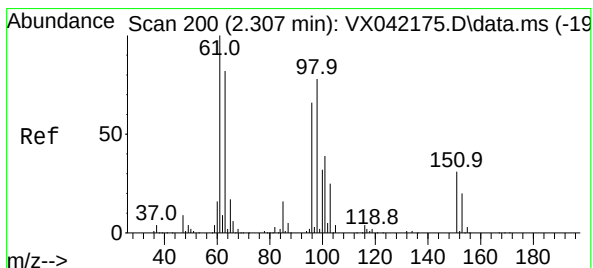
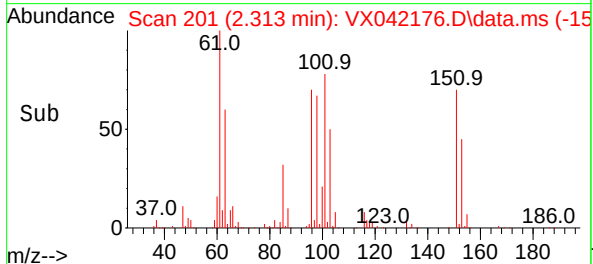
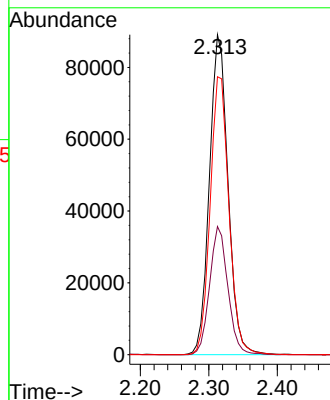
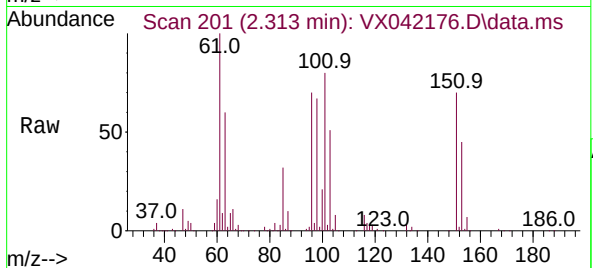
Tgt Ion:101 Resp: 168391

Ion Ratio Lower Upper

101 100

85 39.2 31.3 46.9

151 87.5 69.7 104.5



#12

1,1-Dichloroethene

Concen: 101.793 ug/L

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

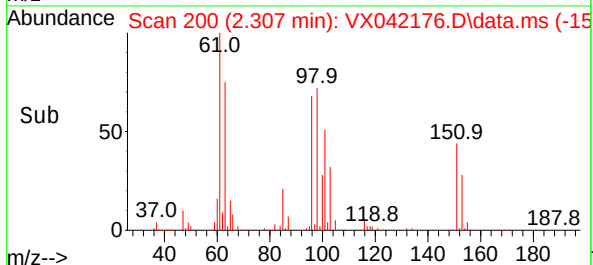
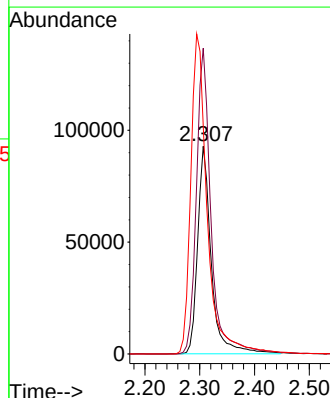
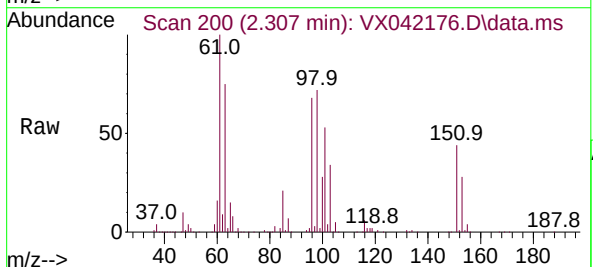
Tgt Ion: 96 Resp: 161807

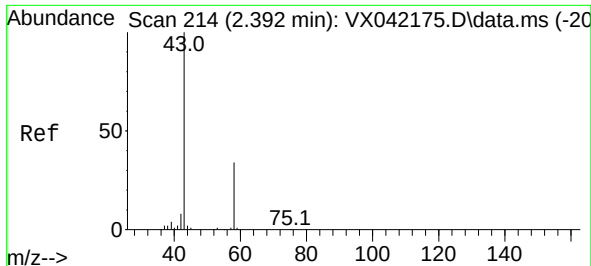
Ion Ratio Lower Upper

96 100

61 147.1 106.7 198.1

63 109.7 89.2 165.6





#13

Acetone

Concen: 128.298 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

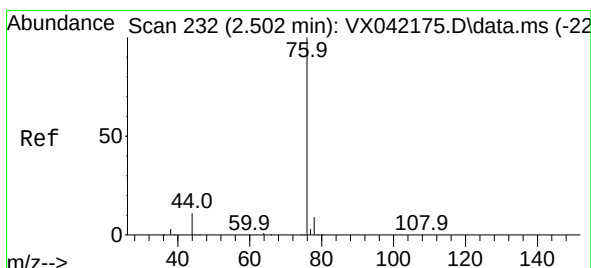
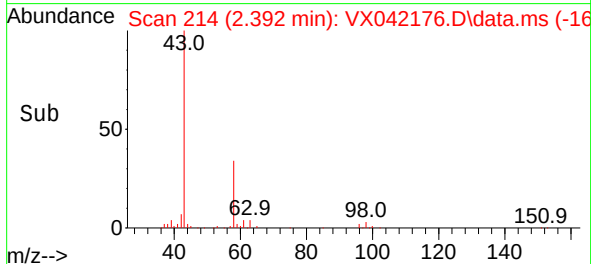
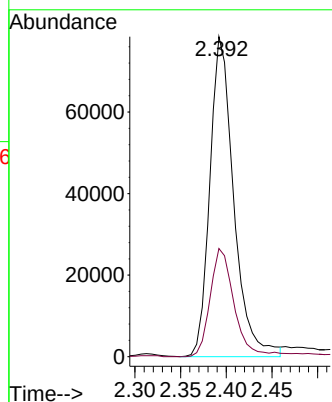
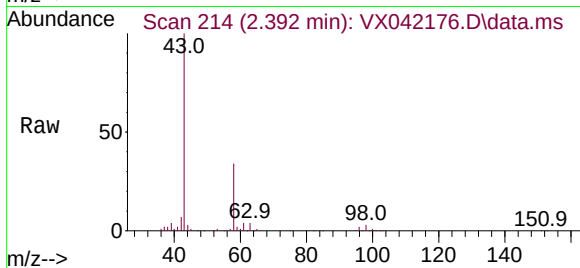
ClientSampleId :

Tgt Ion: 43 Resp: 143043

Ion Ratio Lower Upper

43 100

58 33.3 0.0 62.6



#14

Carbon disulfide

Concen: 108.368 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX042176.D

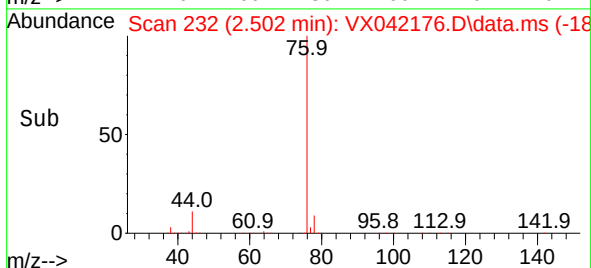
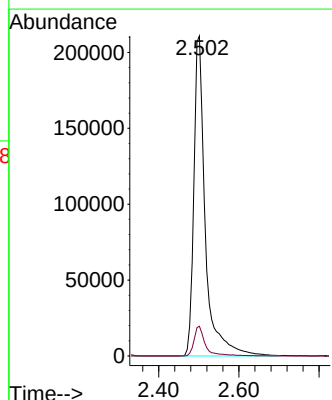
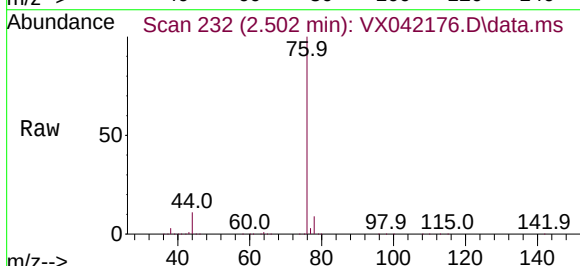
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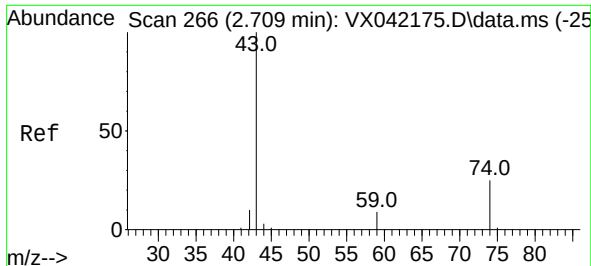
Tgt Ion: 76 Resp: 419673

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





#15

Methyl Acetate

Concen: 96.010 ug/L

RT: 2.709 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

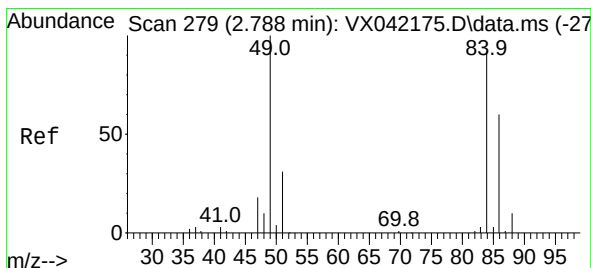
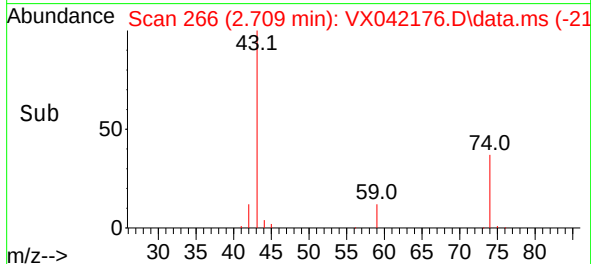
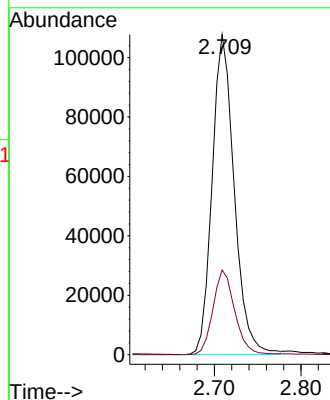
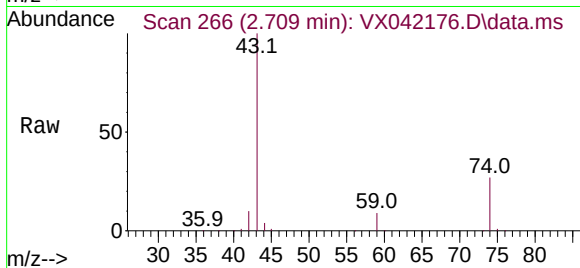
ClientSampleId :

Tgt Ion: 43 Resp: 190524

Ion Ratio Lower Upper

43 100

74 26.1 20.1 30.1



#16

Methylene chloride

Concen: 102.324 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

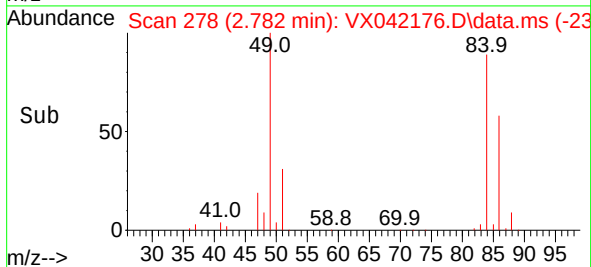
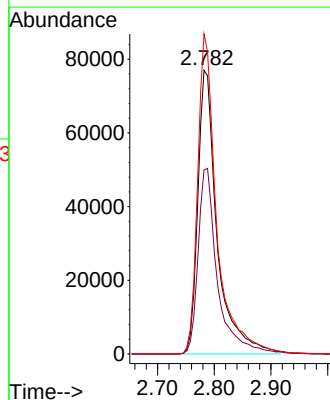
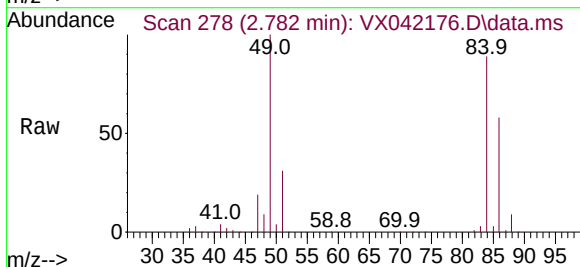
Tgt Ion: 84 Resp: 183104

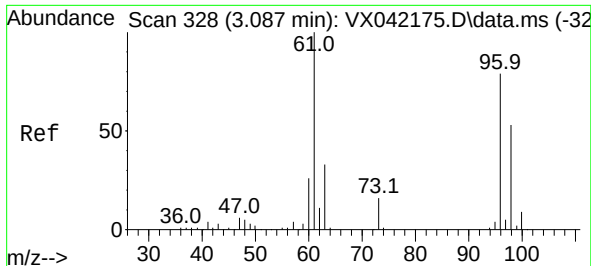
Ion Ratio Lower Upper

84 100

86 64.9 45.7 84.9

49 112.8 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 101.772 ug/L

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

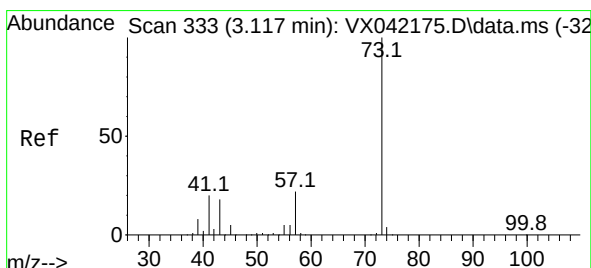
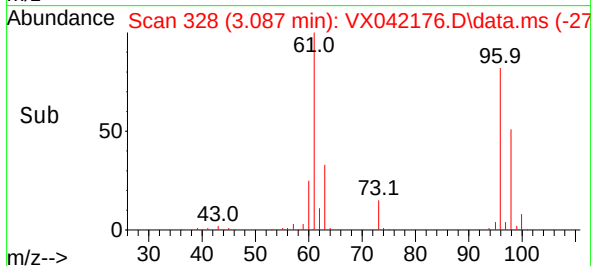
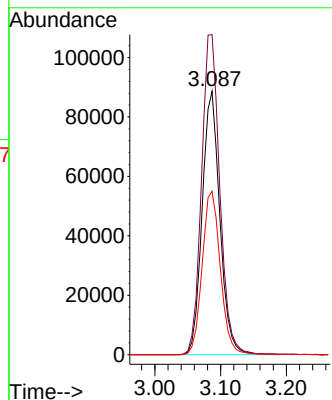
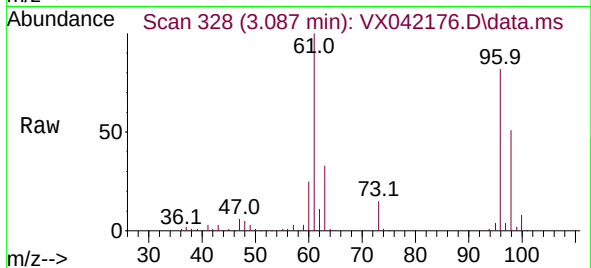
Tgt Ion: 96 Resp: 165952

Ion Ratio Lower Upper

96 100

61 121.5 88.4 164.2

98 62.0 46.5 86.5



#18

Methyl tert-butyl Ether

Concen: 98.771 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

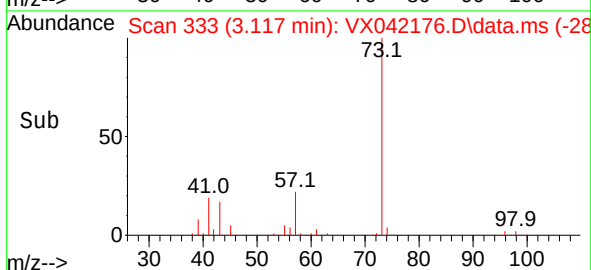
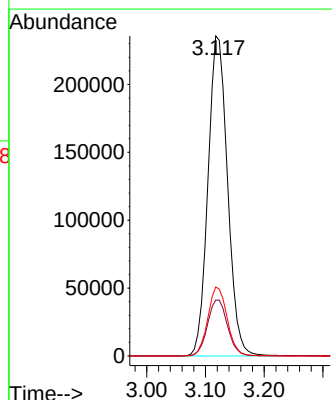
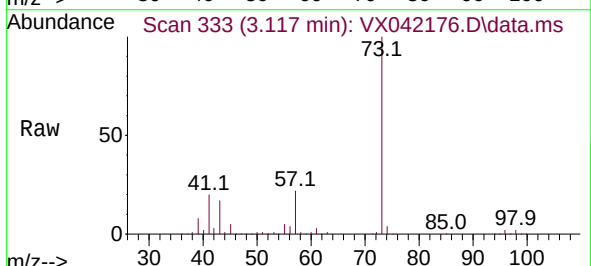
Tgt Ion: 73 Resp: 545806

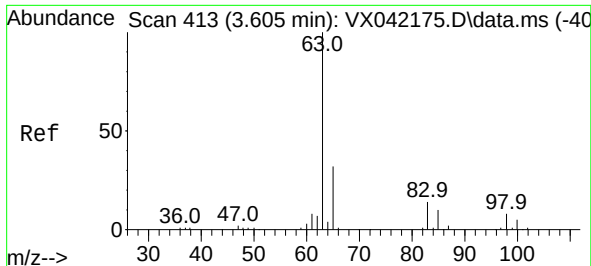
Ion Ratio Lower Upper

73 100

43 17.9 14.5 21.7

57 21.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 98.699 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

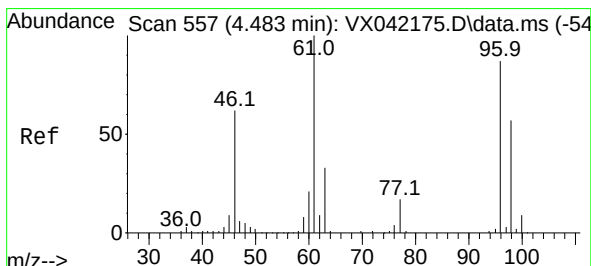
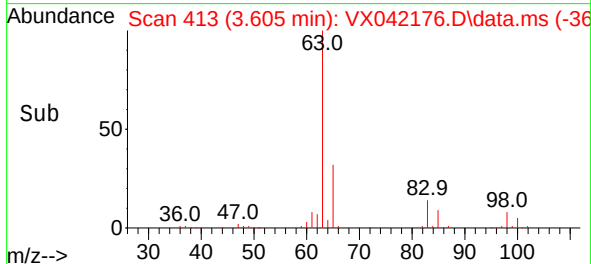
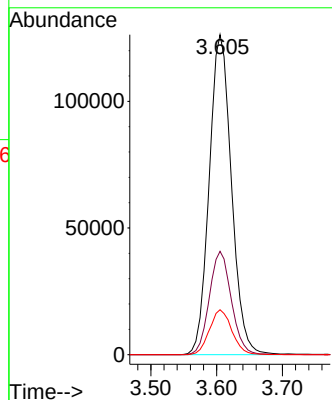
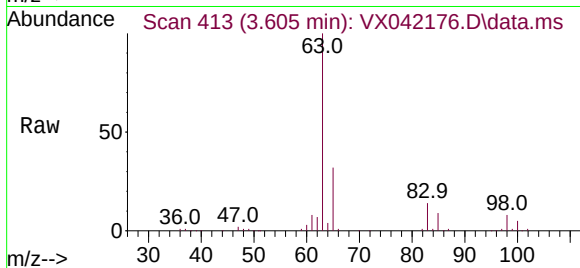
Tgt Ion: 63 Resp: 297194

Ion Ratio Lower Upper

63 100

65 32.3 22.2 41.2

83 14.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 102.333 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

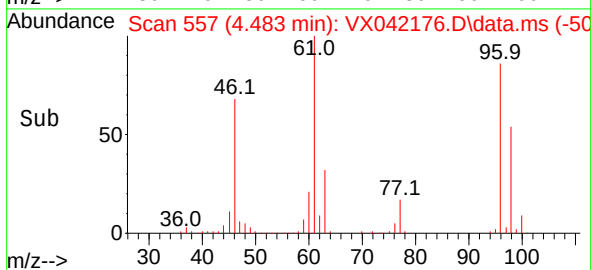
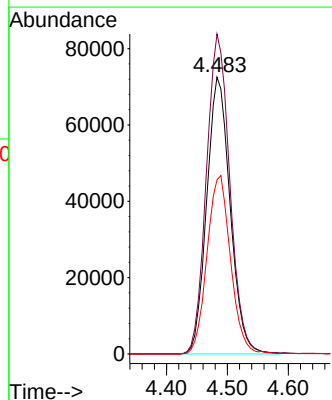
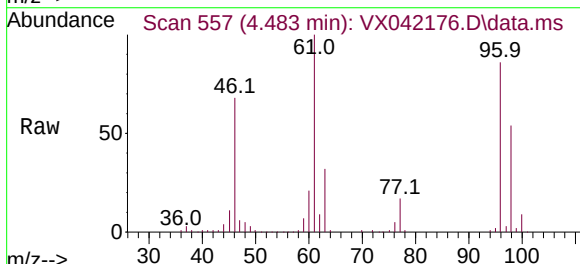
Tgt Ion: 96 Resp: 193952

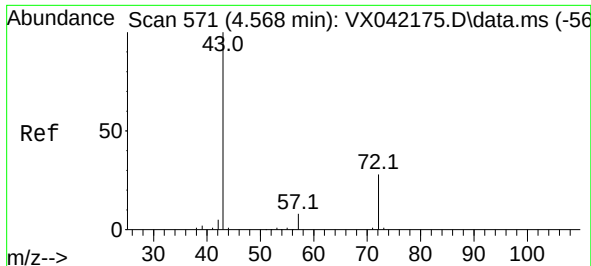
Ion Ratio Lower Upper

96 100

61 115.6 80.5 149.5

98 62.9 45.7 84.9





#22

2-Butanone

Concen: 180.790 ug/L

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

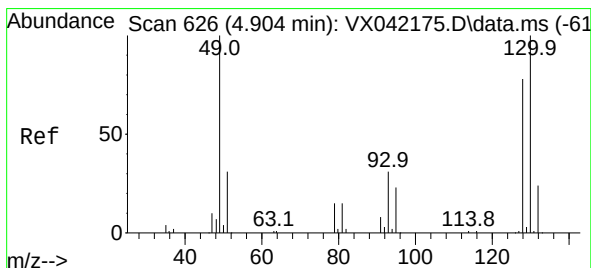
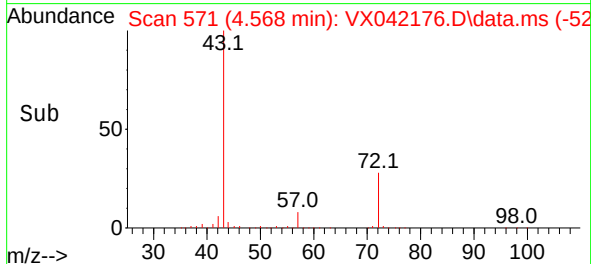
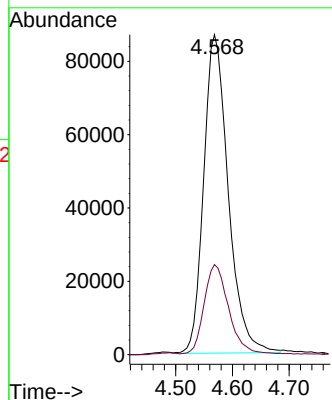
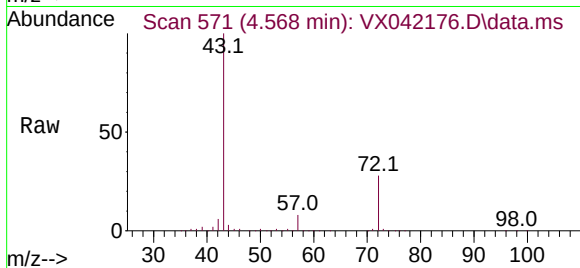
ClientSampleId :

Tgt Ion: 43 Resp: 261544

Ion Ratio Lower Upper

43 100

72 28.1 13.7 41.1



#23

Bromochloromethane

Concen: 104.620 ug/L

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Tgt Ion: 128 Resp: 105848

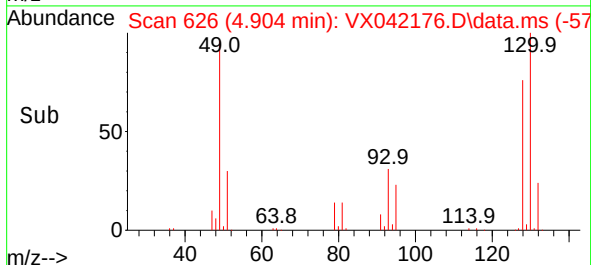
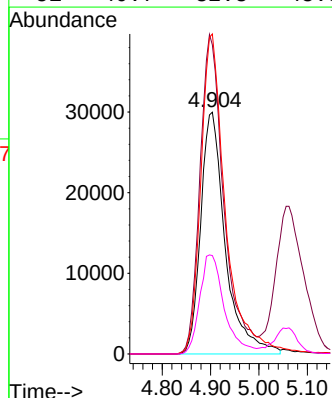
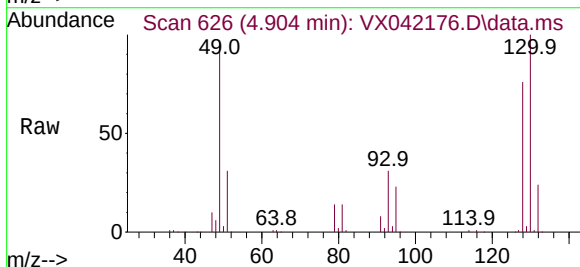
Ion Ratio Lower Upper

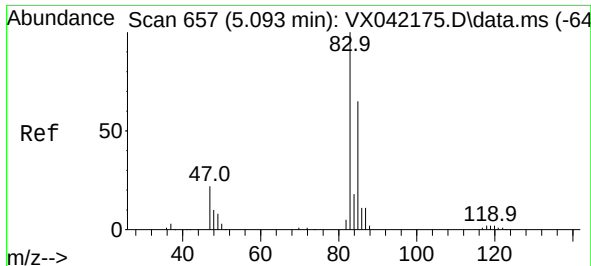
128 100

49 127.9 89.7 166.7

130 132.3 90.0 167.2

51 40.7 32.3 48.5





#25

Chloroform

Concen: 96.414 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

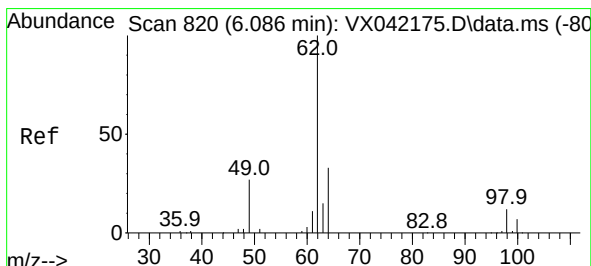
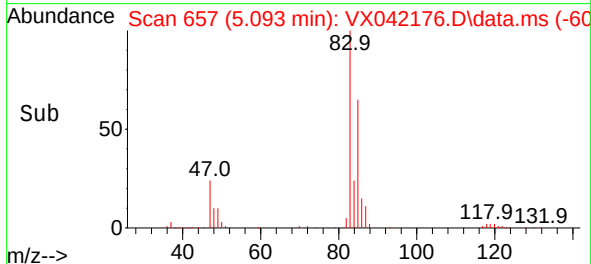
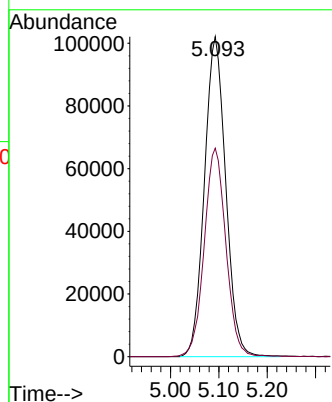
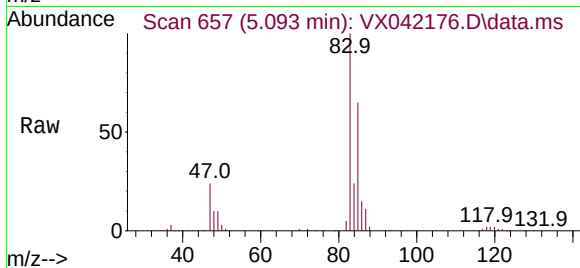
ClientSampleId :

Tgt Ion: 83 Resp: 312140

Ion Ratio Lower Upper

83 100

85 65.2 45.8 85.2



#27

1,2-Dichloroethane

Concen: 86.221 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042176.D

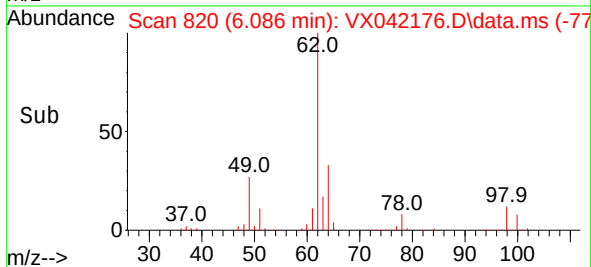
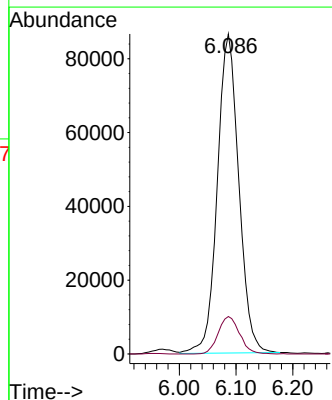
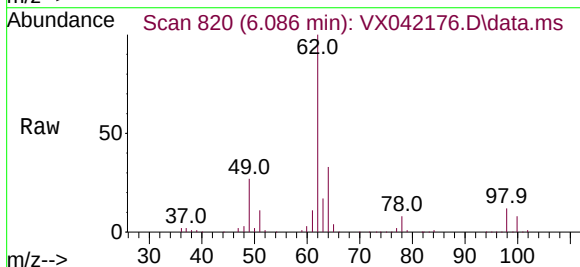
Acq: 03 Jul 2024 20:38

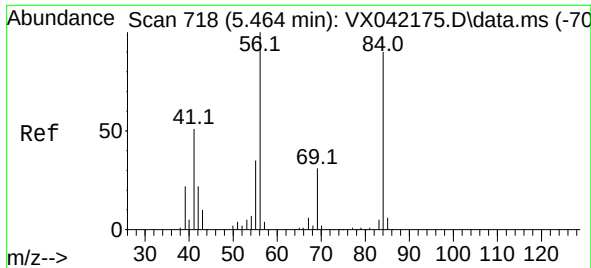
Tgt Ion: 62 Resp: 227512

Ion Ratio Lower Upper

62 100

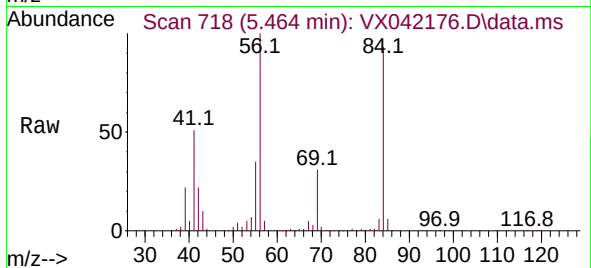
98 11.7 9.3 13.9



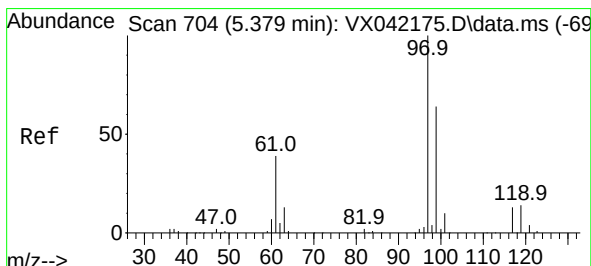
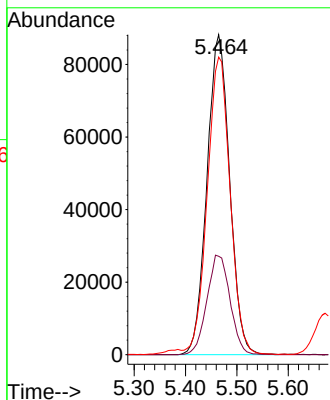
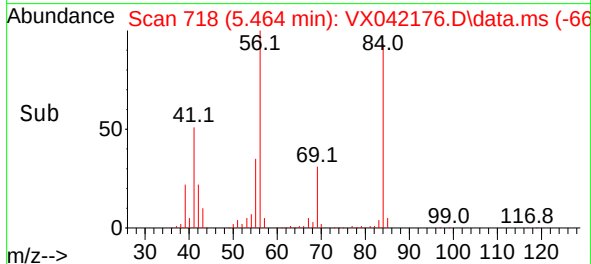


#29
Cyclohexane
Concen: 95.129 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :

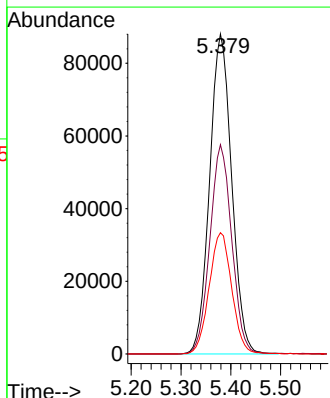
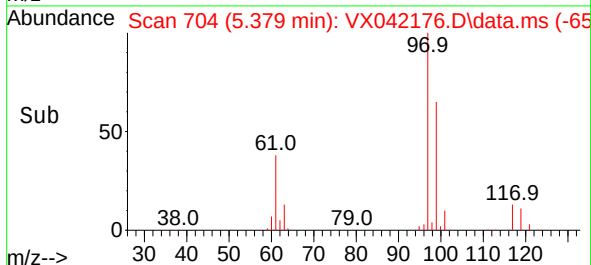
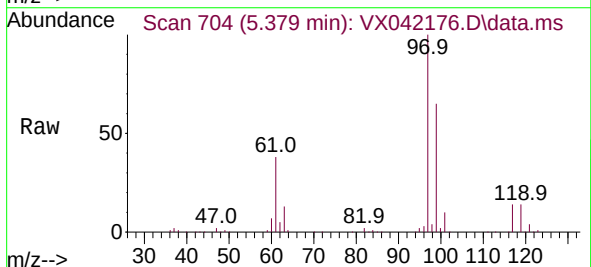


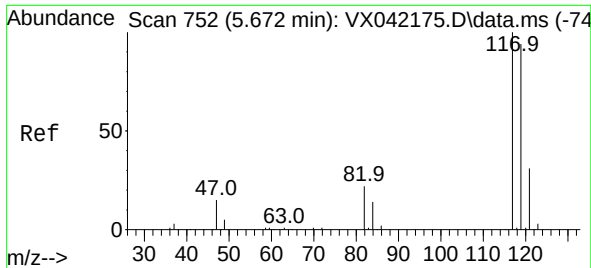
Tgt Ion: 56 Resp: 270278
Ion Ratio Lower Upper
56 100
69 31.7 25.3 37.9
84 93.7 74.0 111.0



#30
1,1,1-Trichloroethane
Concen: 91.176 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

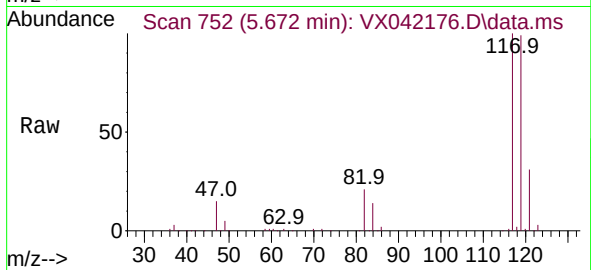
Tgt Ion: 97 Resp: 270864
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 38.8 31.2 46.8



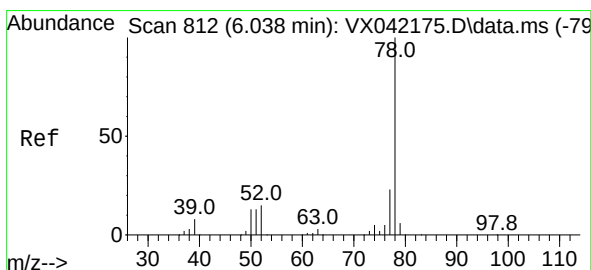
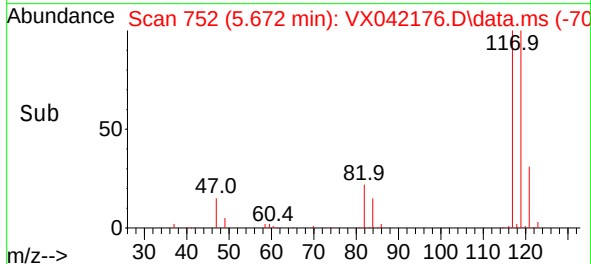
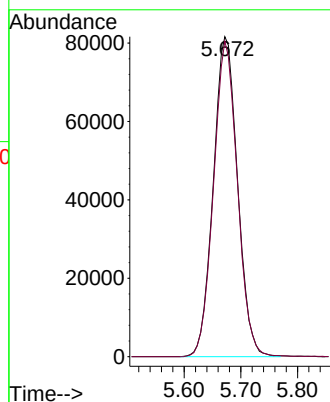


#31
Carbon tetrachloride
Concen: 92.187 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :

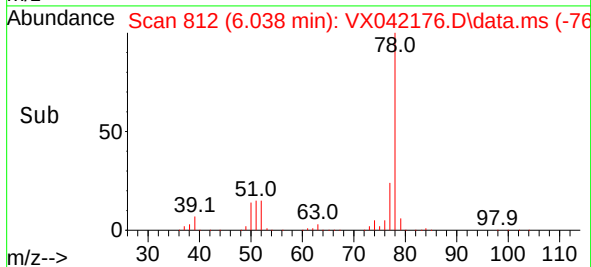
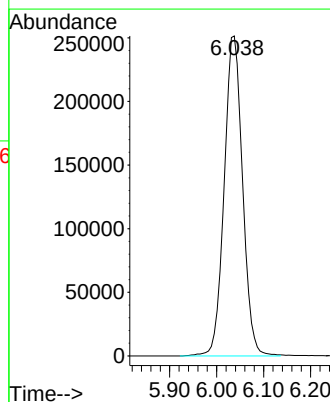
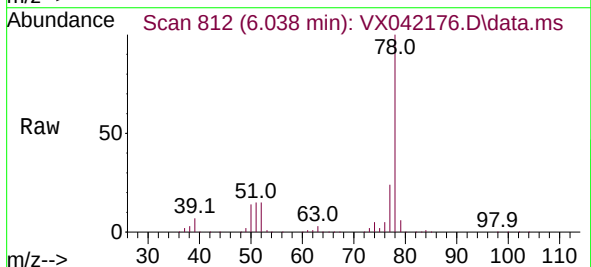


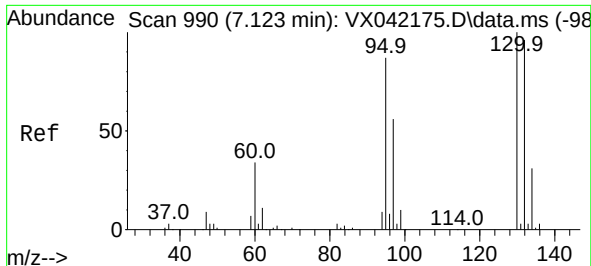
Tgt Ion:117 Resp: 242277
Ion Ratio Lower Upper
117 100
119 96.8 77.7 116.5



#33
Benzene
Concen: 95.452 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

Tgt Ion: 78 Resp: 685419





#34

Trichloroethene

Concen: 93.003 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

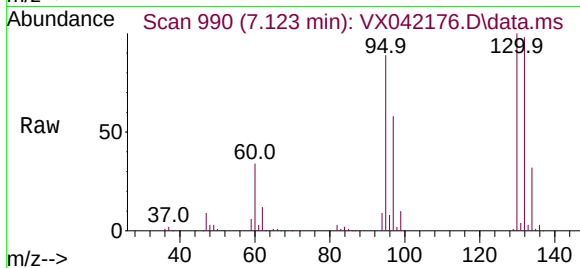
Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 181794

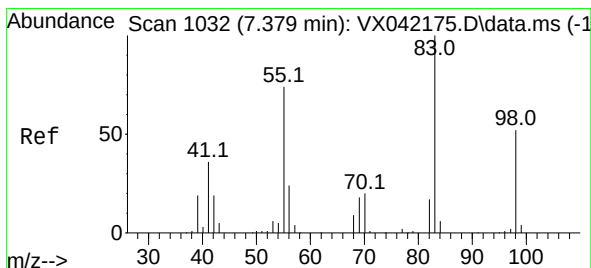
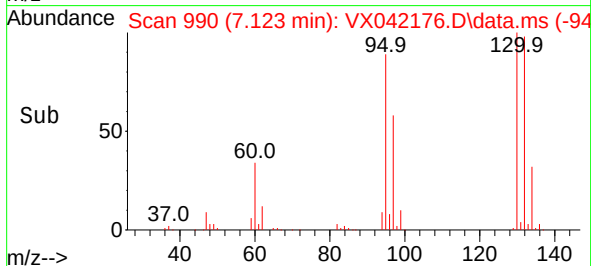
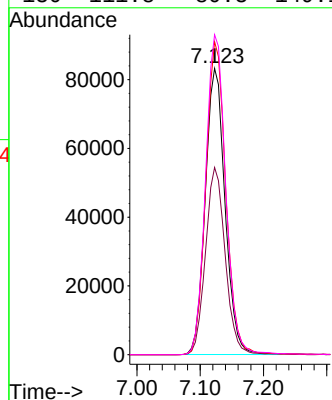
Ion Ratio Lower Upper

95 100

97 65.4 45.1 83.7

132 109.3 77.2 143.4

130 111.8 80.3 149.1



#35

Methylcyclohexane

Concen: 92.249 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

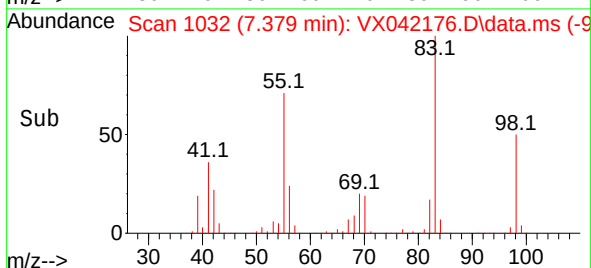
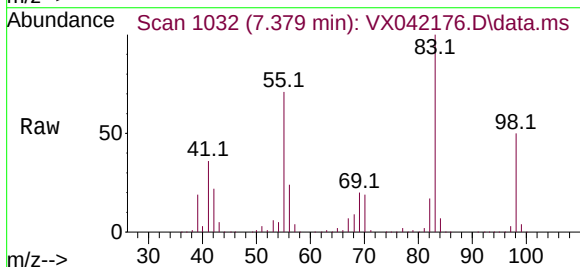
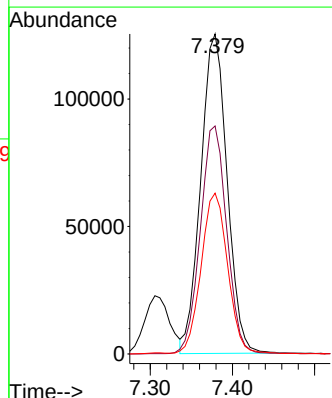
Tgt Ion: 83 Resp: 279062

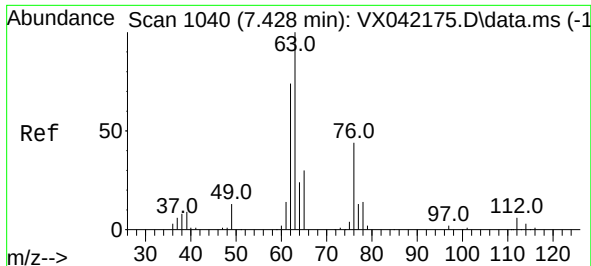
Ion Ratio Lower Upper

83 100

55 71.3 56.4 84.6

98 50.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 96.764 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

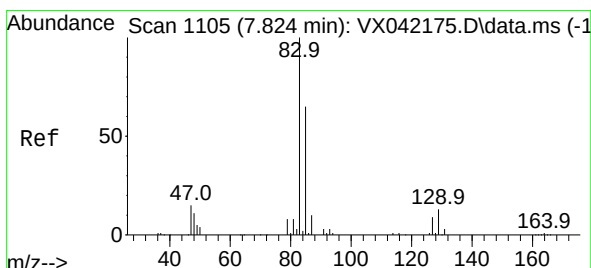
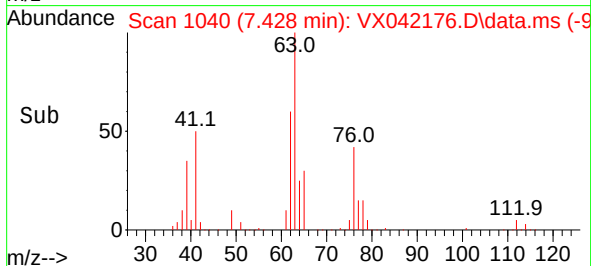
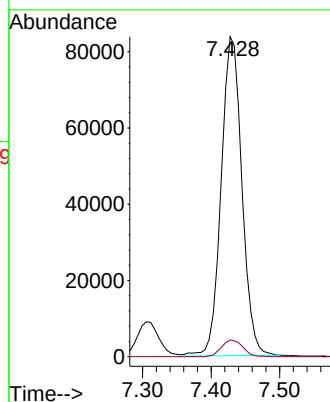
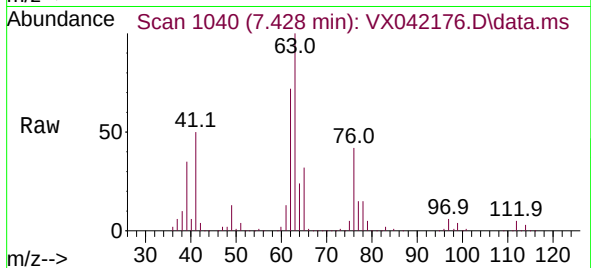
ClientSampleId :

Tgt Ion: 63 Resp: 175693

Ion Ratio Lower Upper

63 100

112 5.4 4.3 6.5



#38

Bromodichloromethane

Concen: 93.052 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

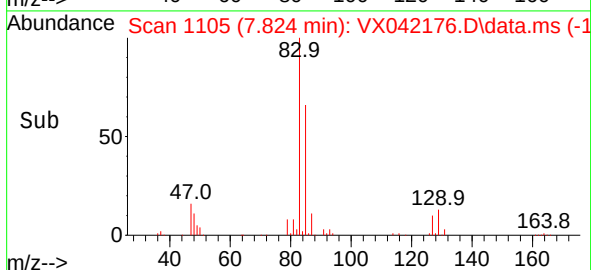
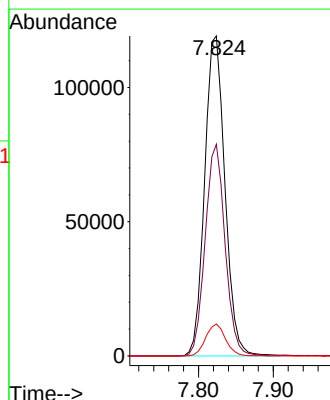
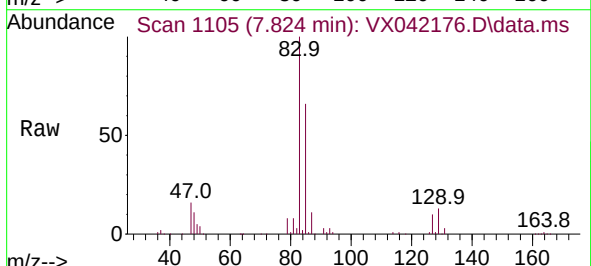
Tgt Ion: 83 Resp: 224917

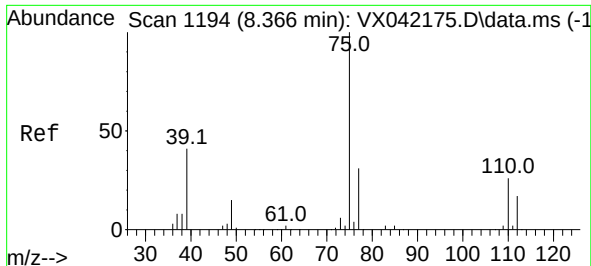
Ion Ratio Lower Upper

83 100

85 66.2 45.4 84.2

127 10.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 93.865 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

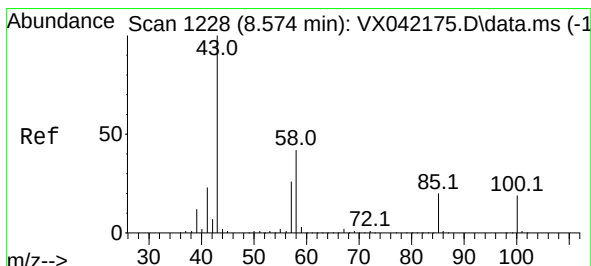
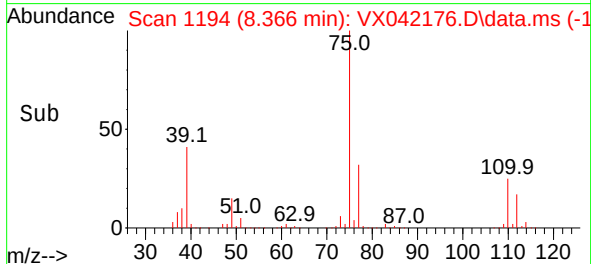
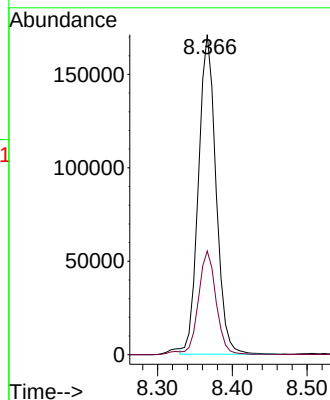
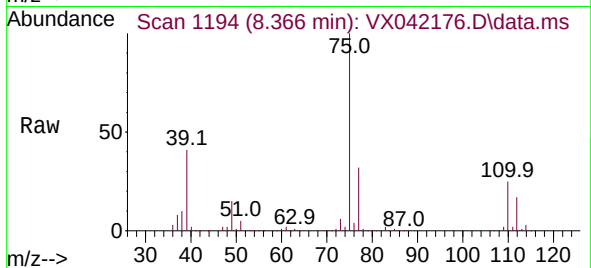
ClientSampleId :

Tgt Ion: 75 Resp: 278211

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 182.214 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

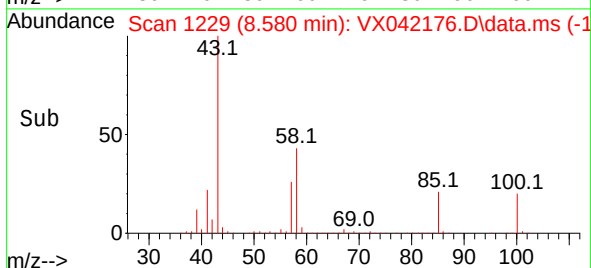
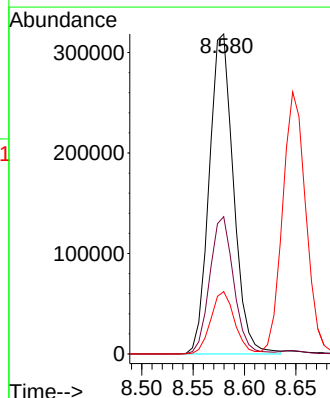
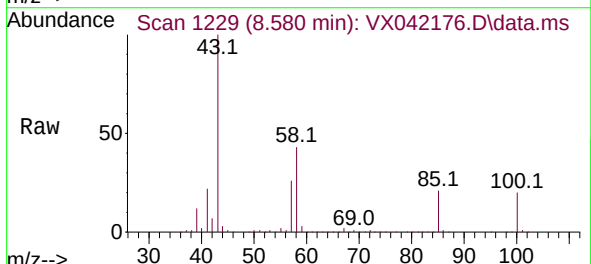
Tgt Ion: 43 Resp: 524122

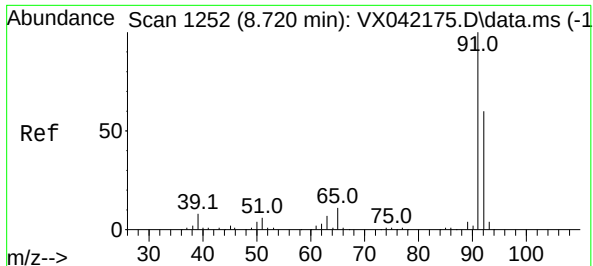
Ion Ratio Lower Upper

43 100

58 42.4 33.7 50.5

100 19.0 15.4 23.2





#42

Toluene

Concen: 94.431 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

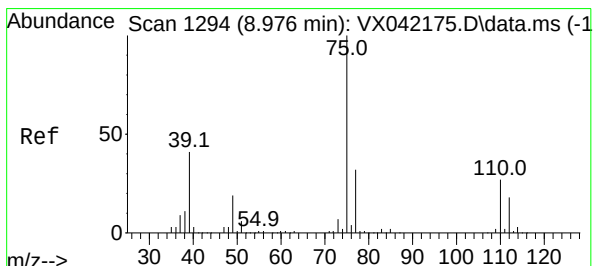
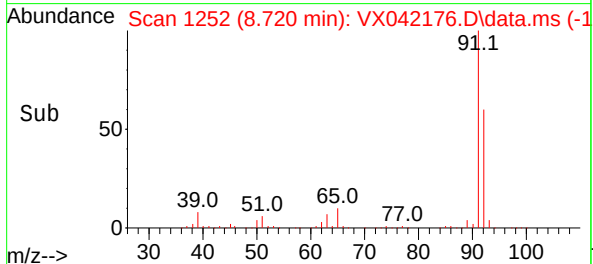
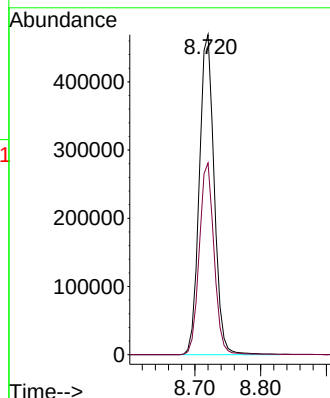
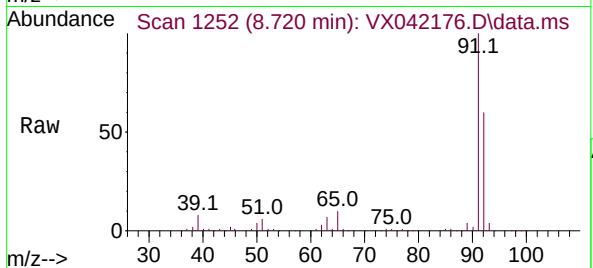
ClientSampleId :

Tgt Ion: 91 Resp: 739349

Ion Ratio Lower Upper

91 100

92 59.9 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 92.048 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042176.D

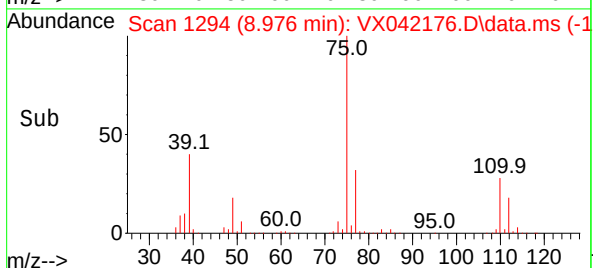
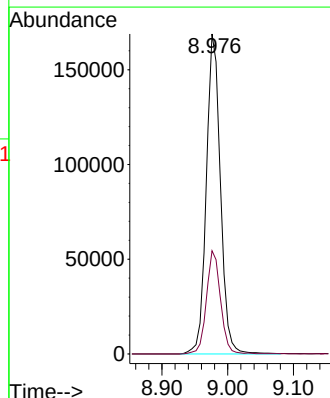
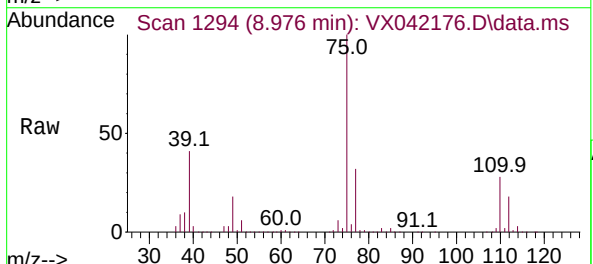
Acq: 03 Jul 2024 20:38

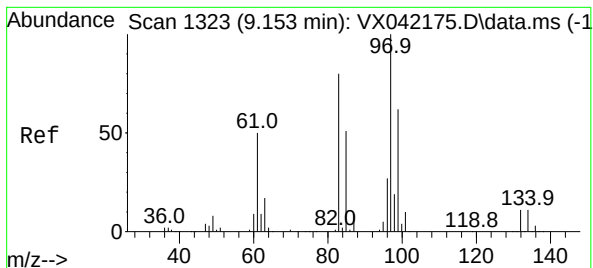
Tgt Ion: 75 Resp: 252503

Ion Ratio Lower Upper

75 100

77 32.3 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 95.067 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 190729

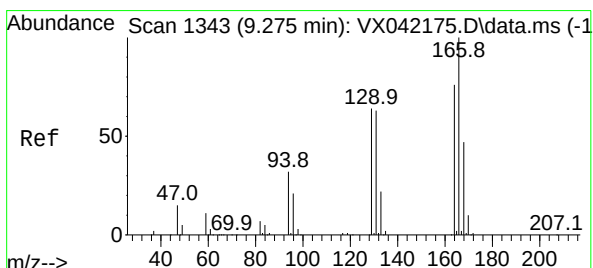
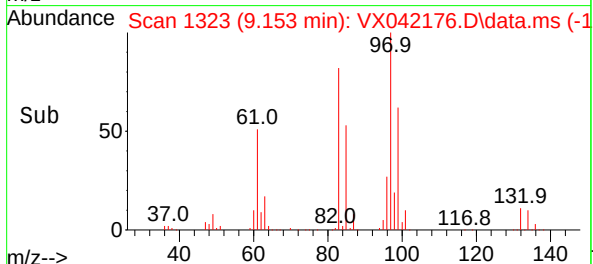
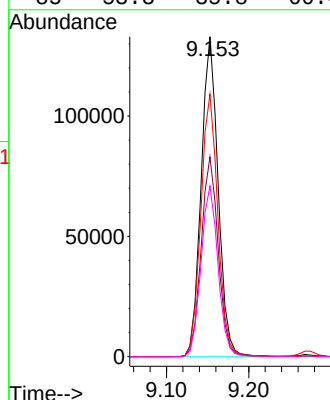
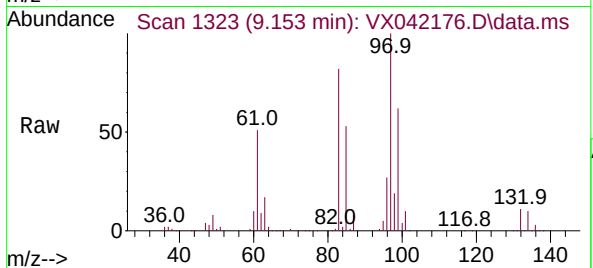
Ion Ratio Lower Upper

97 100

99 62.4 43.3 80.3

83 82.0 56.2 104.4

85 53.3 35.8 66.4



#46

Tetrachloroethene

Concen: 91.366 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Tgt Ion:164 Resp: 171178

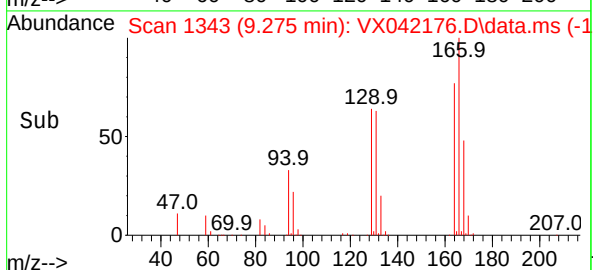
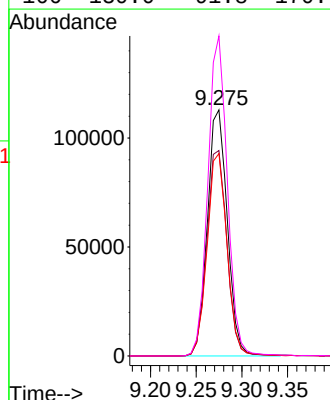
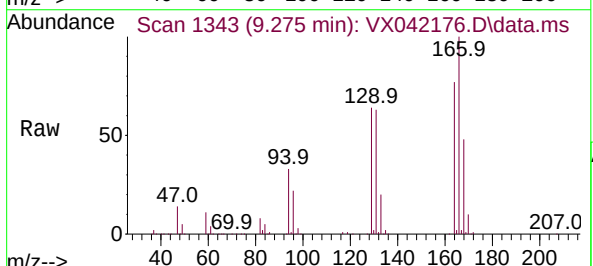
Ion Ratio Lower Upper

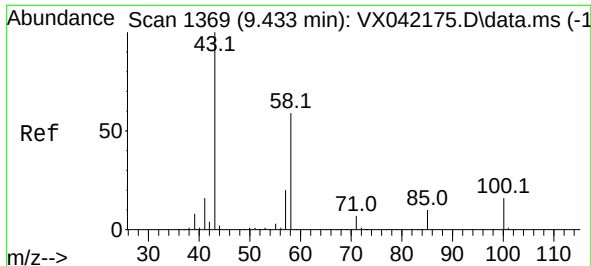
164 100

129 83.5 58.6 108.8

131 82.2 57.9 107.5

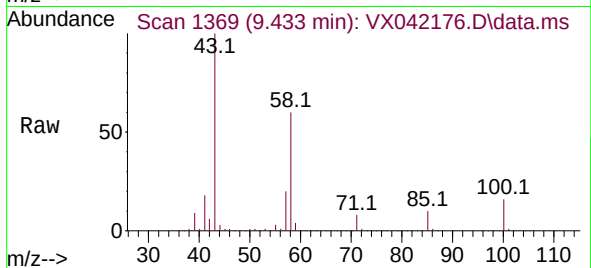
166 130.0 91.8 170.4



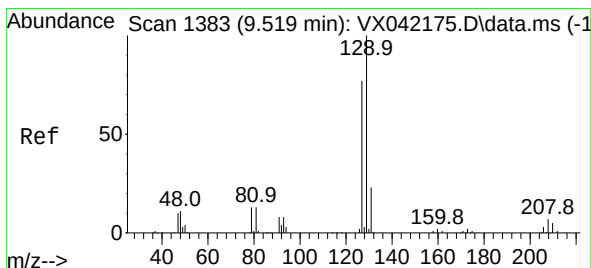
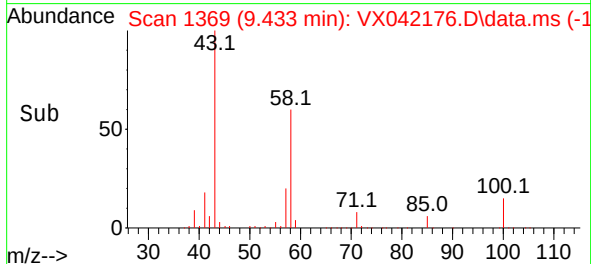
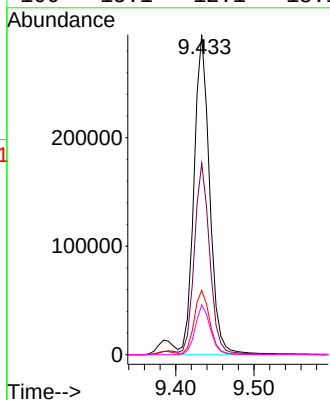


#48
2-Hexanone
Concen: 180.831 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :

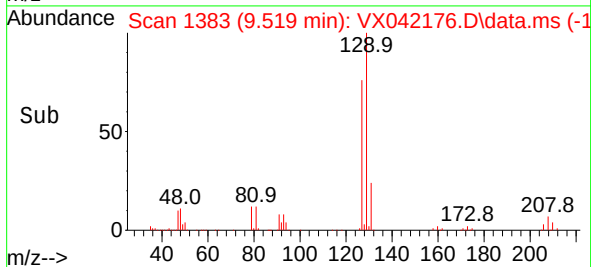
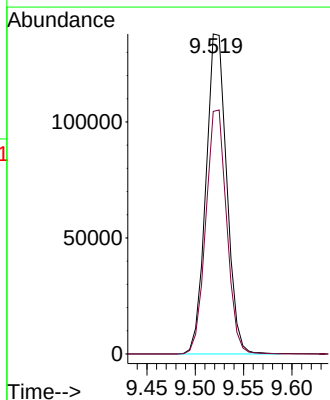
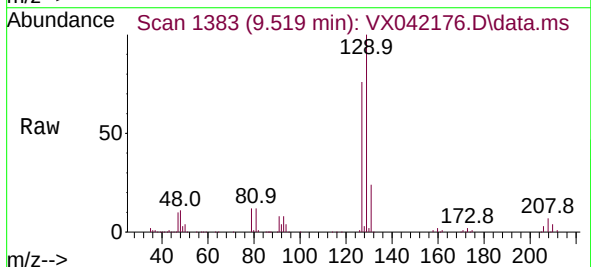


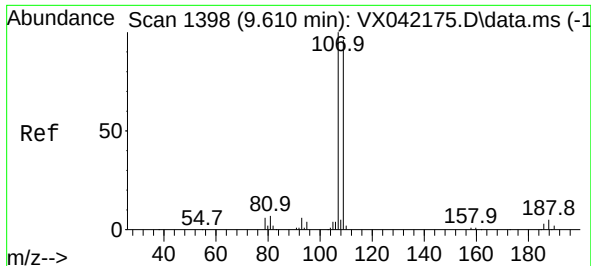
Tgt Ion:	43	58	57	100
Ratio	100	58.9	19.6	15.1
Lower		46.4	16.3	12.1
Upper		69.6	24.5	18.1



#49
Dibromochloromethane
Concen: 102.141 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

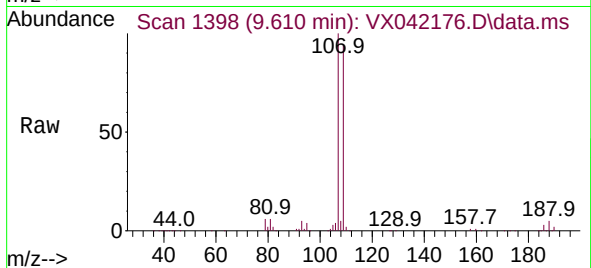
Tgt Ion:	129	127
Ratio	100	75.8
Lower		53.7
Upper		99.7



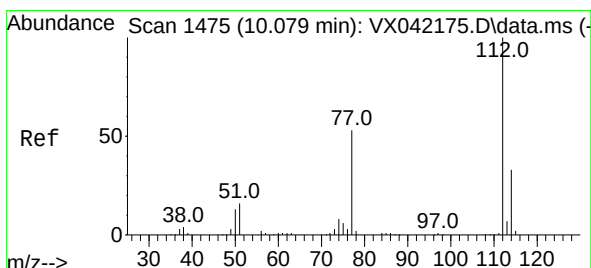
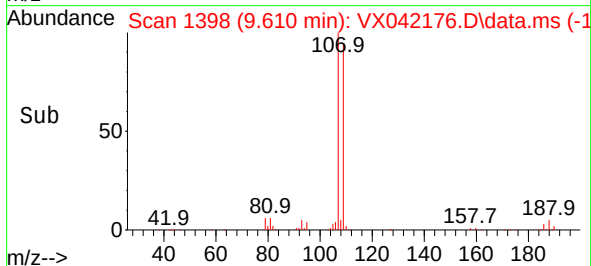
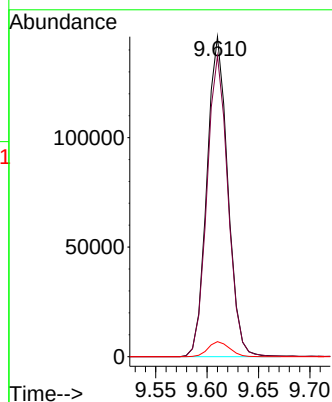


#50
1,2-Dibromoethane
Concen: 99.316 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :

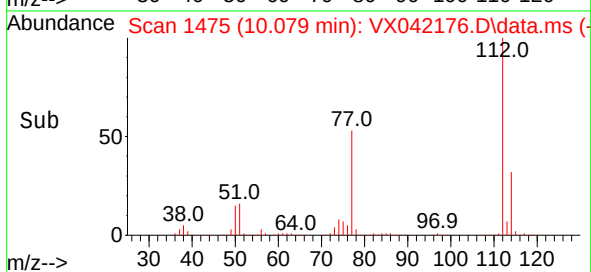
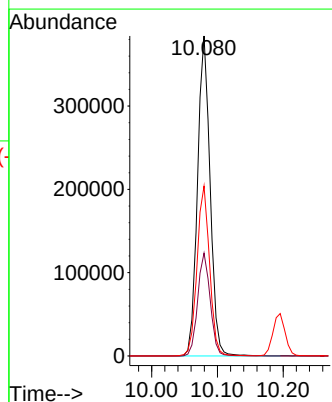
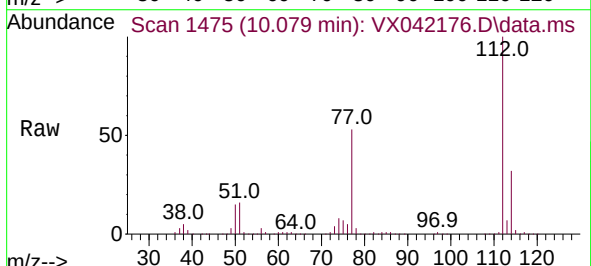


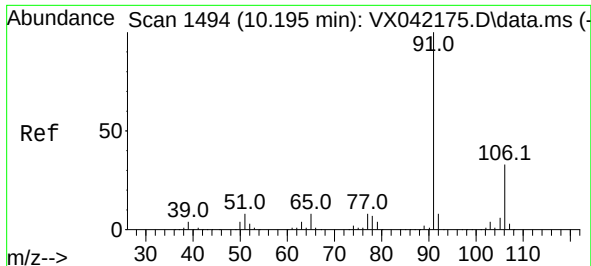
Tgt Ion:107 Resp: 207030
Ion Ratio Lower Upper
107 100
109 94.0 67.5 125.3
188 4.7 4.2 6.2



#51
Chlorobenzene
Concen: 97.614 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

Tgt Ion:112 Resp: 509132
Ion Ratio Lower Upper
112 100
114 32.2 23.2 43.2
77 53.1 43.0 64.4





#52

Ethylbenzene

Concen: 95.461 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

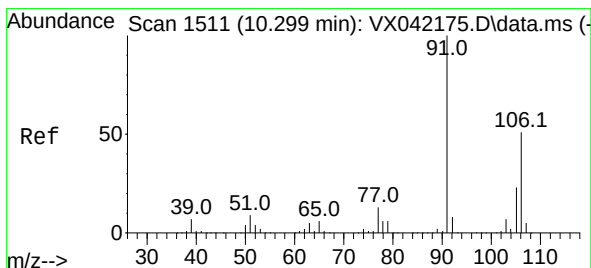
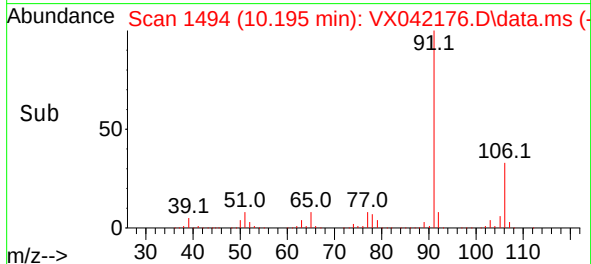
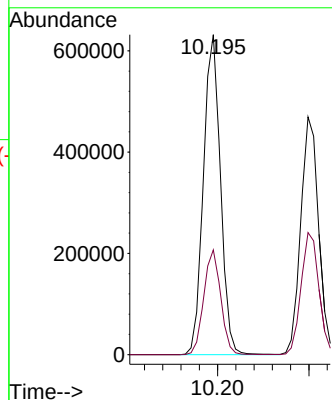
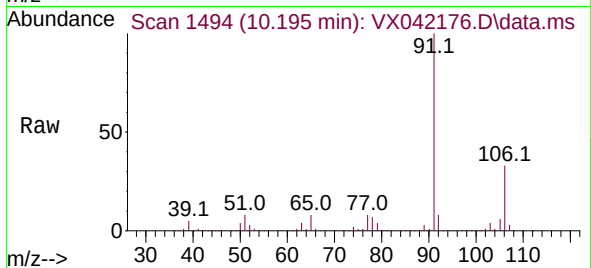
ClientSampleId :

Tgt Ion: 91 Resp: 816547

Ion Ratio Lower Upper

91 100

106 32.8 23.1 42.9



#53

m,p-Xylene

Concen: 94.633 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042176.D

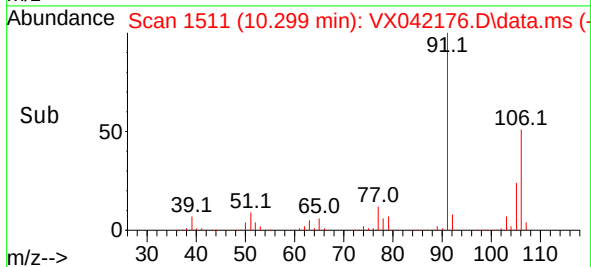
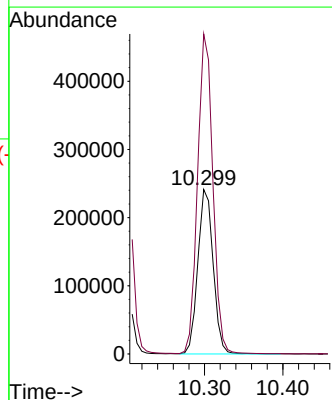
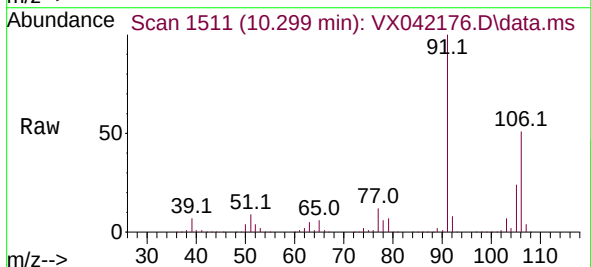
Acq: 03 Jul 2024 20:38

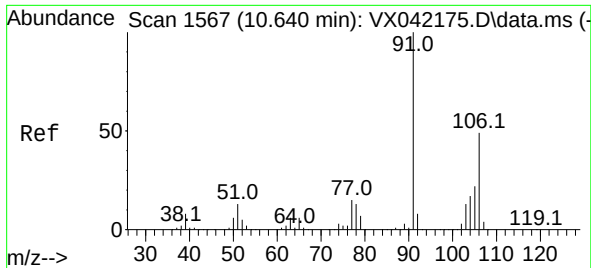
Tgt Ion:106 Resp: 328767

Ion Ratio Lower Upper

106 100

91 194.6 136.4 253.2

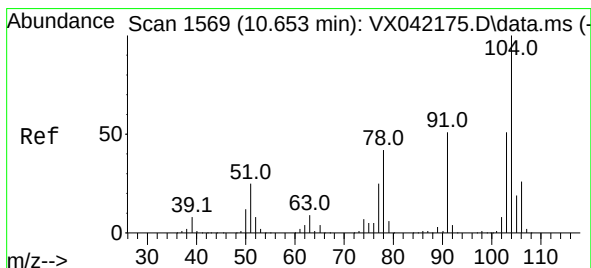
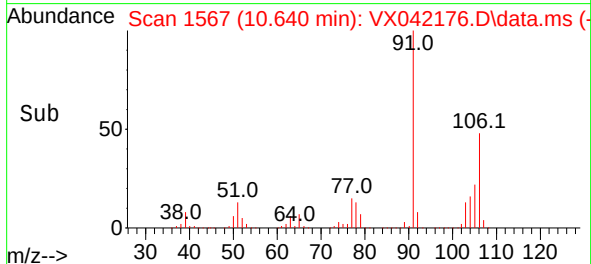
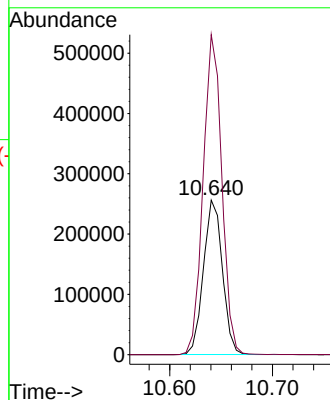
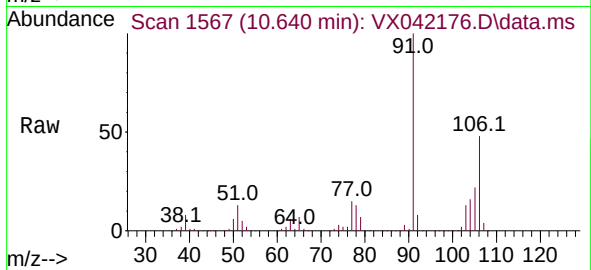




#54
o-Xylene
Concen: 93.178 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

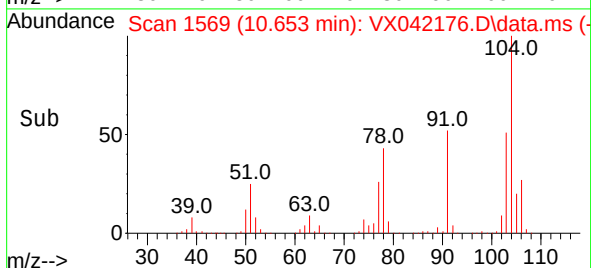
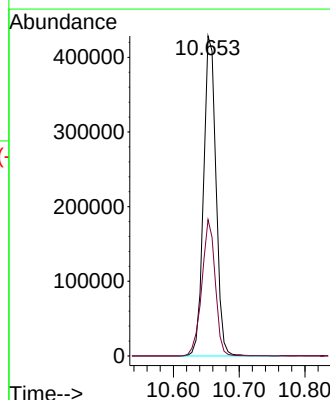
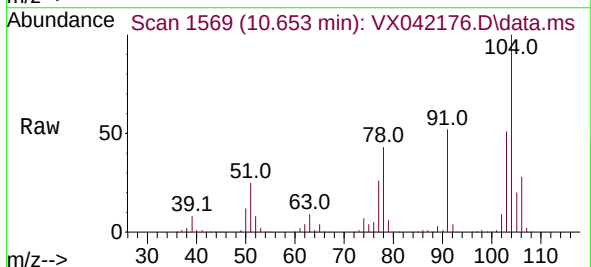
Instrument :
MSVOA_X
ClientSampleId :

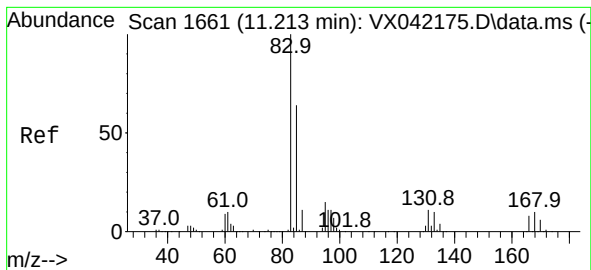
Tgt Ion:106 Resp: 329779
Ion Ratio Lower Upper
106 100
91 207.0 143.4 266.2



#55
Styrene
Concen: 95.538 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

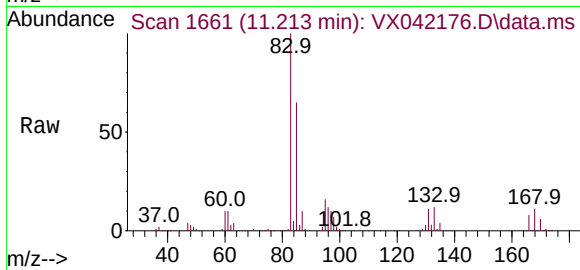
Tgt Ion:104 Resp: 564526
Ion Ratio Lower Upper
104 100
78 42.6 29.5 54.9



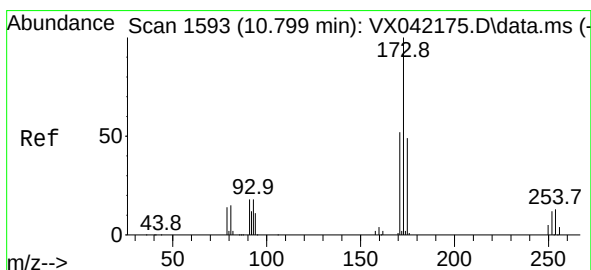
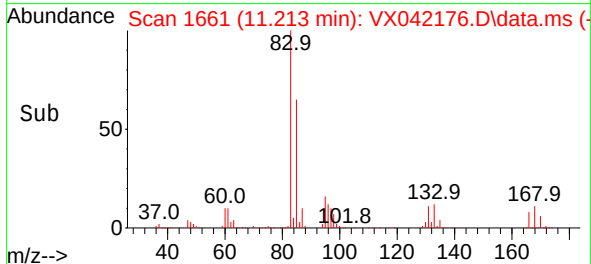
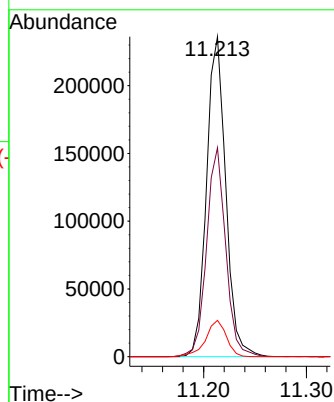


#57
1,1,2,2-Tetrachloroethane
Concen: 92.636 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :

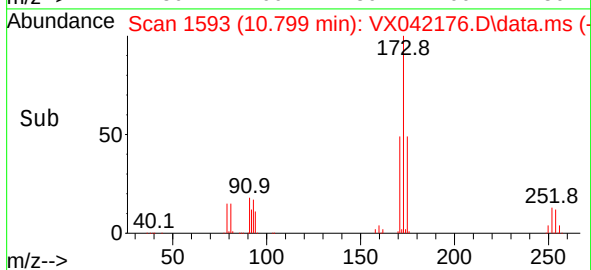
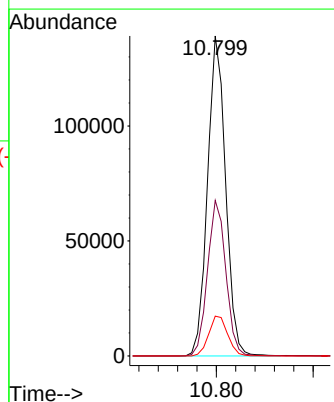
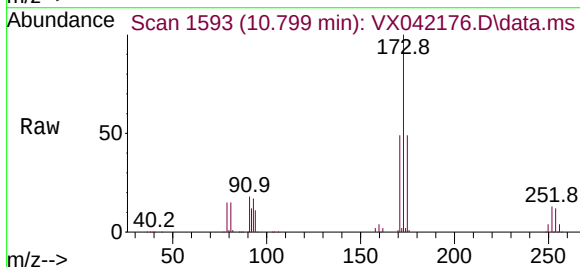


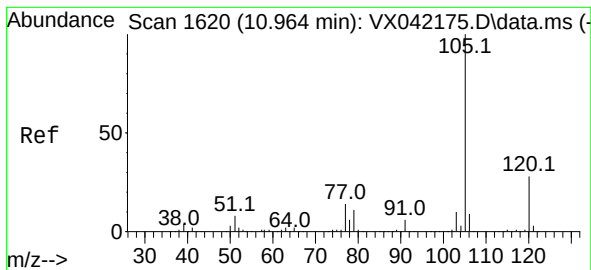
Tgt Ion: 83 Resp: 306660
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7
131 11.4 9.0 13.4



#59
Bromoform
Concen: 107.735 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042176.D
Acq: 03 Jul 2024 20:38

Tgt Ion:173 Resp: 180945
Ion Ratio Lower Upper
173 100
175 49.3 39.5 59.3
254 13.1 10.6 15.8





#60

Isopropylbenzene

Concen: 97.407 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

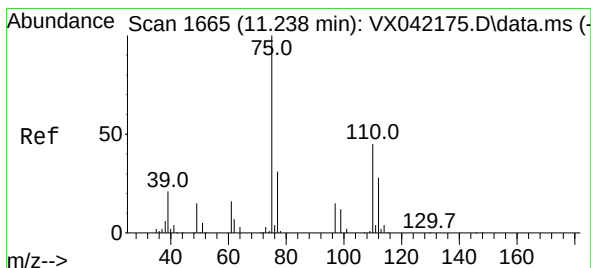
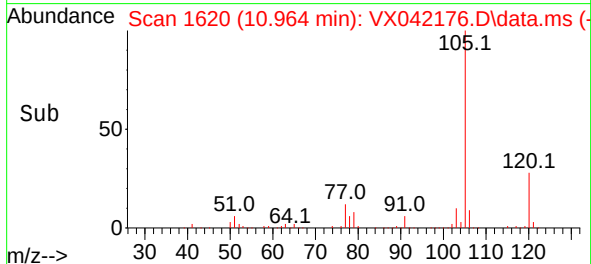
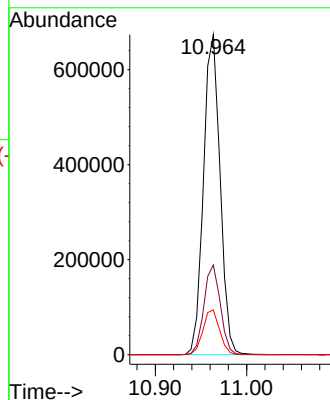
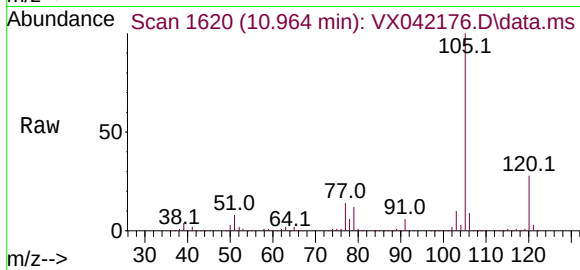
Tgt Ion:105 Resp: 849581

Ion Ratio Lower Upper

105 100

120 27.8 22.0 33.0

77 14.1 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 95.428 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

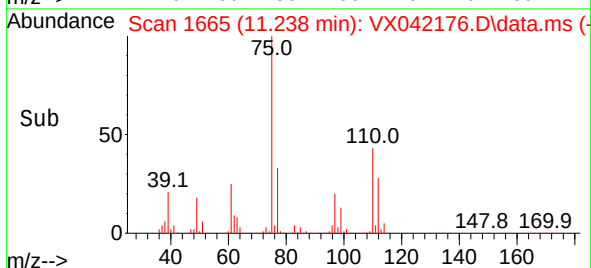
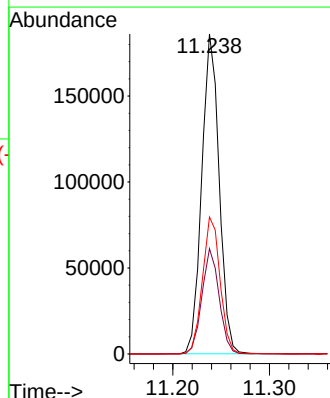
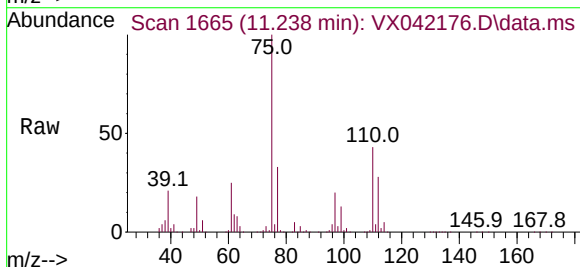
Tgt Ion: 75 Resp: 232985

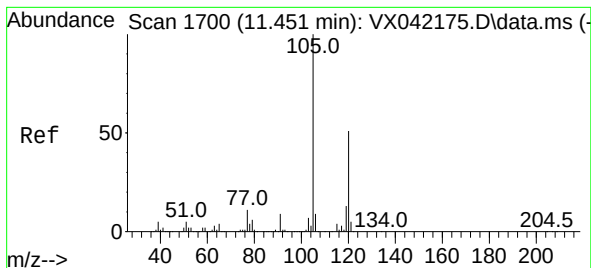
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.8

110 43.4 35.4 53.0





#62

1,3,5-Trimethylbenzene

Concen: 109.175 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

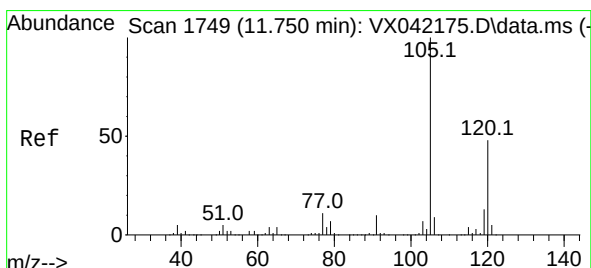
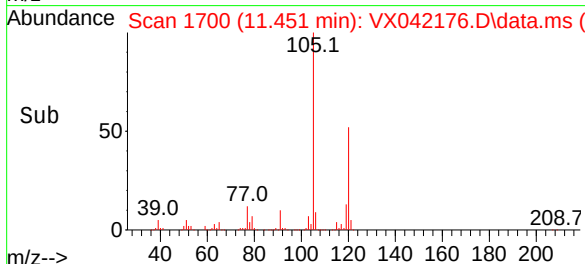
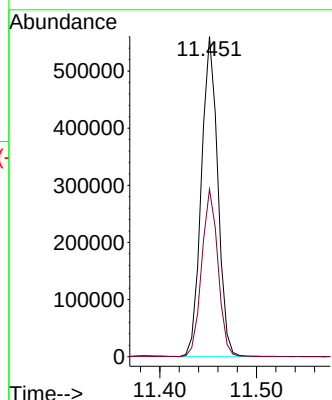
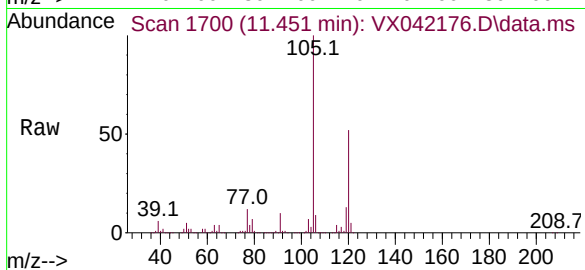
ClientSampleId :

Tgt Ion:105 Resp: 662216

Ion Ratio Lower Upper

105 100

120 51.7 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 100.096 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042176.D

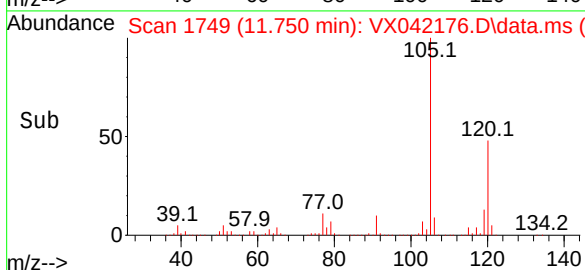
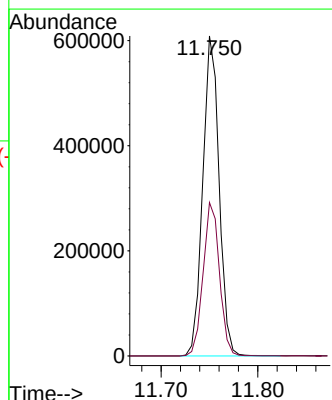
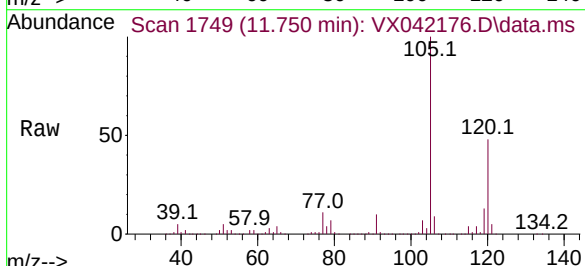
Acq: 03 Jul 2024 20:38

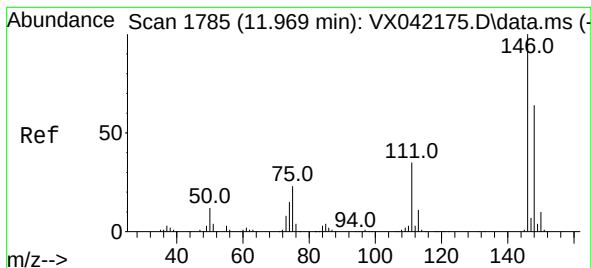
Tgt Ion:105 Resp: 716854

Ion Ratio Lower Upper

105 100

120 47.9 38.4 57.6





#64

1,3-Dichlorobenzene

Concen: 96.993 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

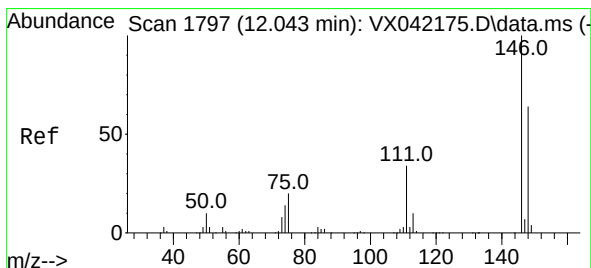
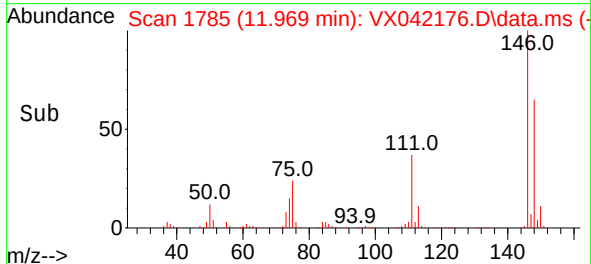
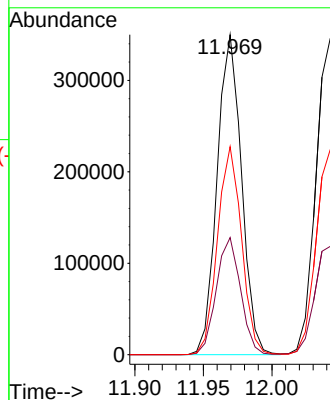
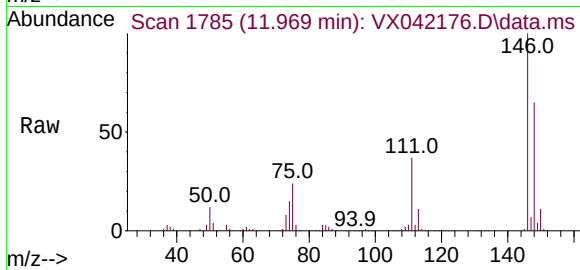
Tgt Ion:146 Resp: 433095

Ion Ratio Lower Upper

146 100

111 36.6 24.8 46.1

148 65.0 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 96.200 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

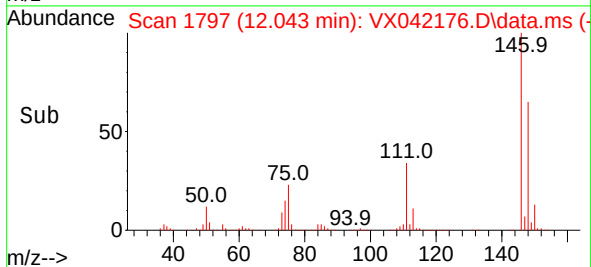
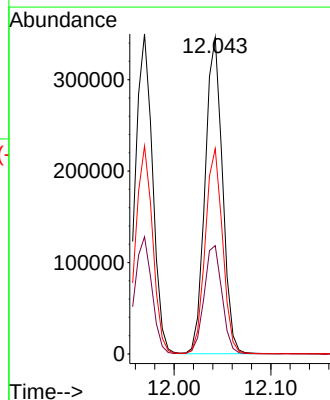
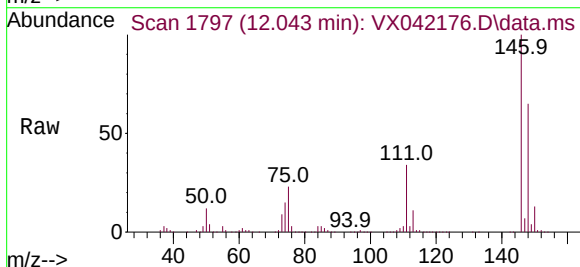
Tgt Ion:146 Resp: 433226

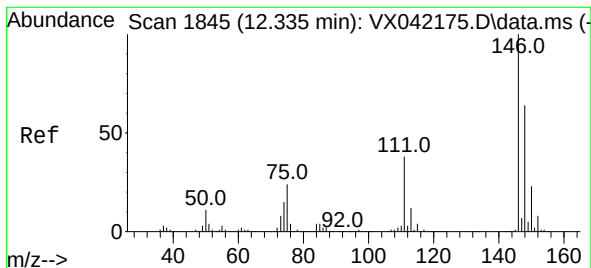
Ion Ratio Lower Upper

146 100

111 34.3 23.9 44.3

148 64.9 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 95.860 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

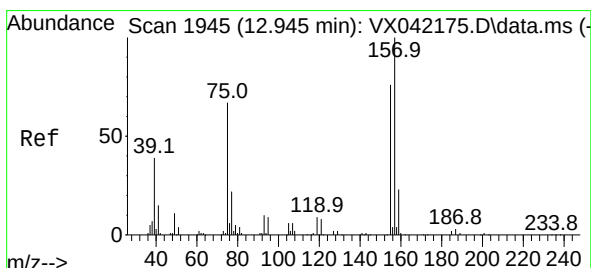
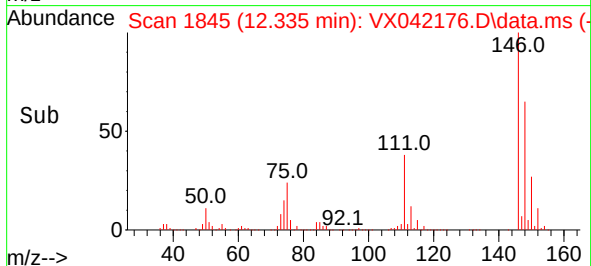
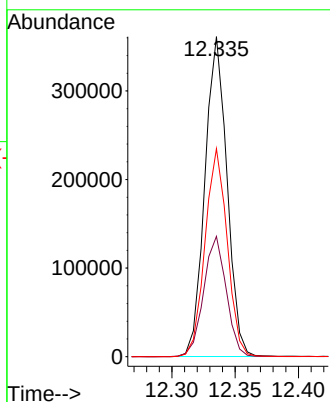
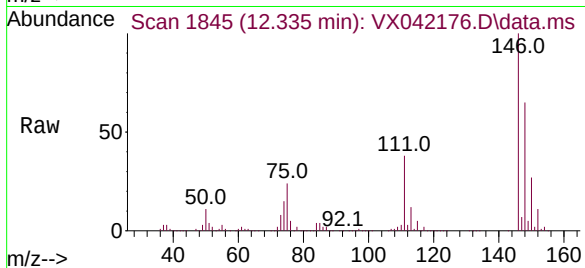
Tgt Ion:146 Resp: 438593

Ion Ratio Lower Upper

146 100

111 37.6 30.2 45.2

148 65.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 99.758 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

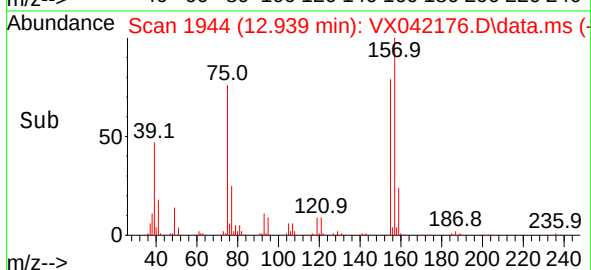
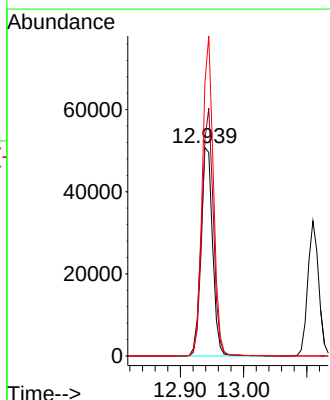
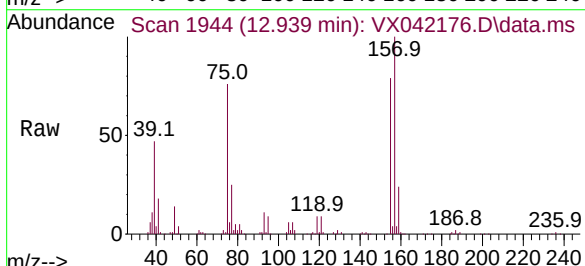
Tgt Ion: 75 Resp: 65683

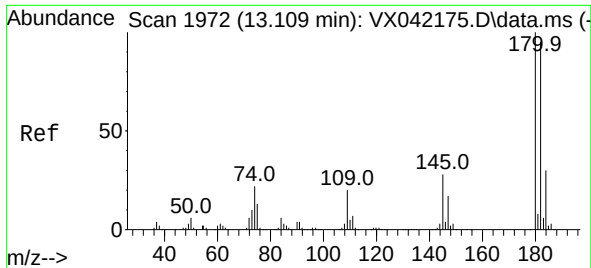
Ion Ratio Lower Upper

75 100

155 103.6 90.4 135.6

157 131.1 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 97.332 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.006 min

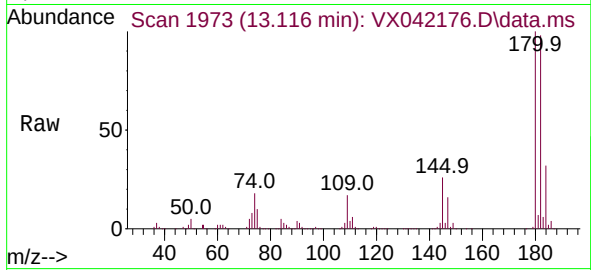
Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 329403

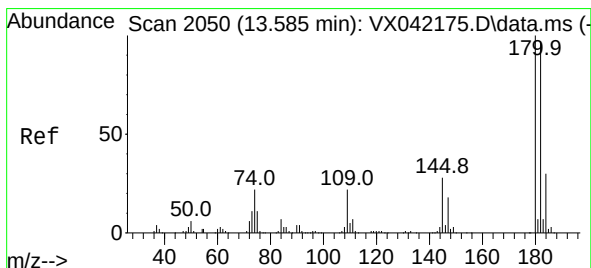
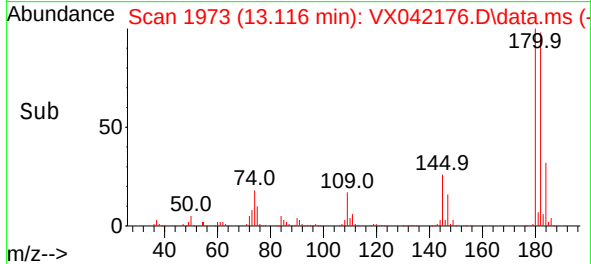
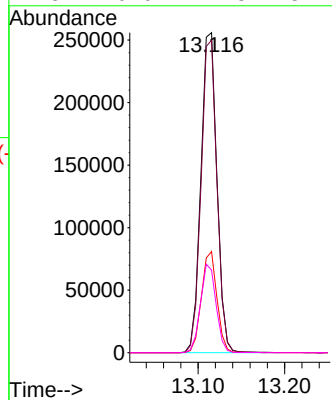
Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.6

184 30.5 24.7 37.1

145 26.9 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 99.239 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

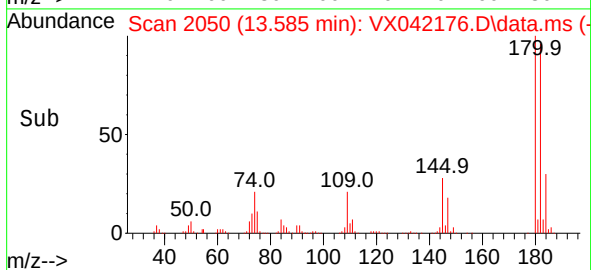
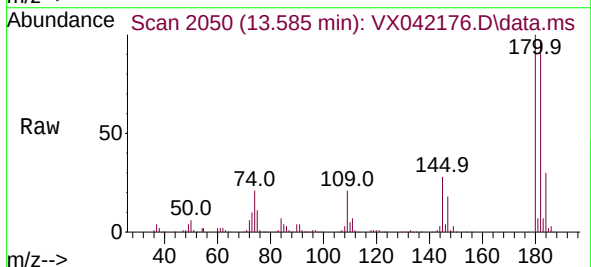
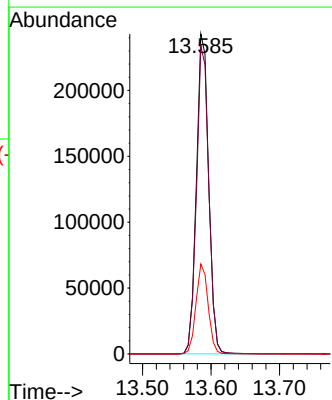
Tgt Ion:180 Resp: 302901

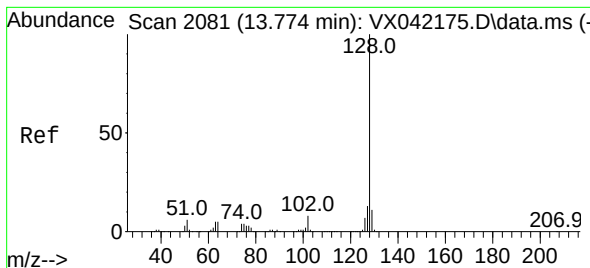
Ion Ratio Lower Upper

180 100

182 96.5 77.8 116.6

145 27.9 21.8 32.8





#71

Naphthalene

Concen: 103.851 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

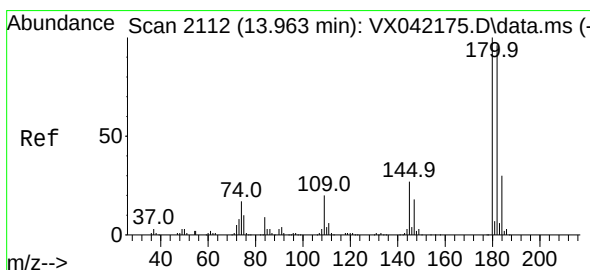
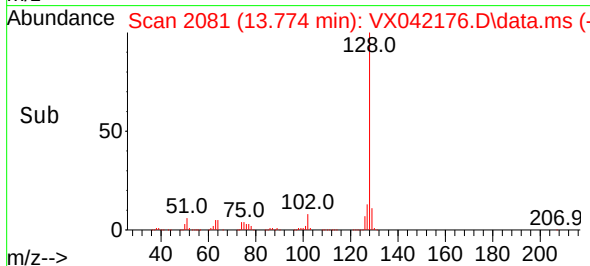
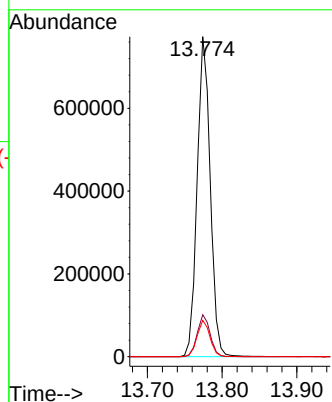
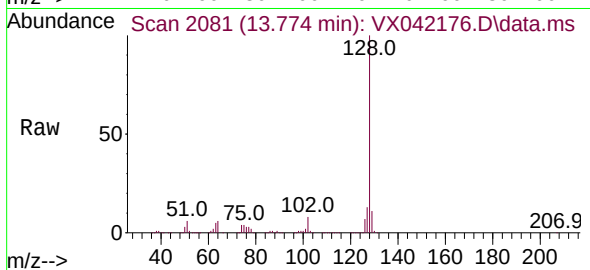
Tgt Ion:128 Resp: 937022

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 100.962 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX042176.D

Acq: 03 Jul 2024 20:38

Tgt Ion:180 Resp: 315339

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.4

145 29.7 23.0 34.6

