

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042177.D
 Acq On : 03 Jul 2024 21:02
 Operator : JC/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 04:48:48 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	6.763	114	275333	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	257204	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	147378	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	325038	207.118	ug/L	0.00
7) Chloroethane-d5	1.642	69	192464	171.594	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	146137	192.980	ug/L	0.00
21) 2-Butanone-d5	4.465	46	442841	385.331	ug/L	0.00
24) Chloroform-d	5.056	84	648903	191.671	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	378568	158.884	ug/L	0.00
32) Benzene-d6	5.970	84	1316654	189.096	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	404596	194.006	ug/L	0.00
41) Toluene-d8	8.647	98	1231322	172.111	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	192044	187.856	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	388444	402.225	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	597059	183.703	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	559987	188.700	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	379977	198.495	ug/L	99
3) Chloromethane	1.301	50	374149	221.164	ug/L	99
5) Vinyl chloride	1.374	62	384280	222.699	ug/L	100
6) Bromomethane	1.599	94	210153	182.656	ug/L	100
8) Chloroethane	1.660	64	166862	171.683	ug/L	98
9) Trichlorofluoromethane	1.868	101	443663	152.492	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	340526	191.471	ug/L	99
12) 1,1-Dichloroethene	2.306	96	327449	205.173	ug/L	97
13) Acetone	2.398	43	301954	269.743	ug/L	98
14) Carbon disulfide	2.502	76	881045	226.593	ug/L	99
15) Methyl Acetate	2.709	43	380053	190.752	ug/L	99
16) Methylene chloride	2.782	84	363211	202.160	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	336642	205.623	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	1094409	197.254	ug/L	100
19) 1,1-Dichloroethane	3.605	63	595571	196.998	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	393133	206.594	ug/L	100
22) 2-Butanone	4.568	43	521627	359.126	ug/L	98
23) Bromochloromethane	4.904	128	216732	213.360	ug/L	99
25) Chloroform	5.093	83	625797	192.523	ug/L	99
27) 1,2-Dichloroethane	6.086	62	459894	173.589	ug/L	100
29) Cyclohexane	5.464	56	549446	192.527	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	555513	186.161	ug/L	100
31) Carbon tetrachloride	5.672	117	503893	190.880	ug/L	100
33) Benzene	6.037	78	1364270	189.145	ug/L	100
34) Trichloroethene	7.123	95	371595	189.257	ug/L	99
35) Methylcyclohexane	7.379	83	576576	189.750	ug/L	100
37) 1,2-Dichloropropane	7.428	63	353526	193.842	ug/L	100
38) Bromodichloromethane	7.824	83	464444	191.295	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	571116	191.831	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	1030026	356.503	ug/L	99
42) Toluene	8.720	91	1470761	187.013	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	524383	190.310	ug/L	100

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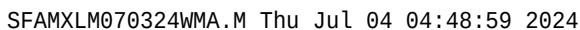
Instrument :
 MSVOA_X
 ClientSampleId :

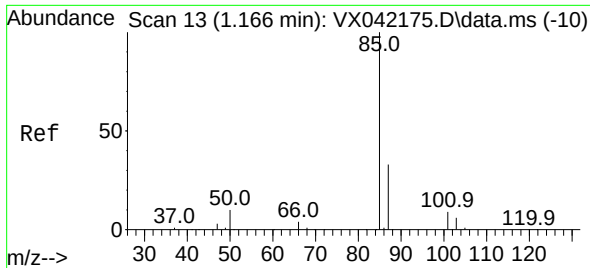
Quant Time: Jul 04 04:48:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	376270	186.716	ug/L	97
46) Tetrachloroethene	9.275	164	344377	182.994	ug/L	99
48) 2-Hexanone	9.433	43	807849	353.677	ug/L	99
49) Dibromochloromethane	9.525	129	423794	208.700	ug/L	99
50) 1,2-Dibromoethane	9.610	107	411620	196.584	ug/L	98
51) Chlorobenzene	10.079	112	1009389	192.666	ug/L	99
52) Ethylbenzene	10.195	91	1632845	190.045	ug/L	99
53) m,p-Xylene	10.299	106	665942	190.835	ug/L	99
54) o-Xylene	10.640	106	660468	185.785	ug/L	98
55) Styrene	10.653	104	1132184	190.754	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	605435	182.077	ug/L	98
59) Bromoform	10.799	173	385862	222.257	ug/L	99
60) Isopropylbenzene	10.963	105	1696923	188.216	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	458524	181.685	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	1325520	211.408	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1444705	195.154	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	882419	191.180	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	900519	193.448	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	891840	188.570	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	137853	202.545	ug/L	89
69) 1,3,5-Trichlorobenzene	13.116	180	684074	195.542	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	652909	206.939	ug/L	98
71) Naphthalene	13.774	128	1919505	205.806	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	653047	202.272	ug/L	100

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

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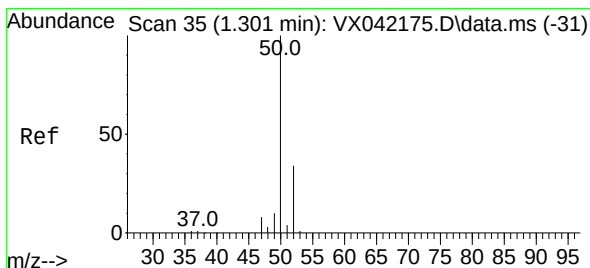
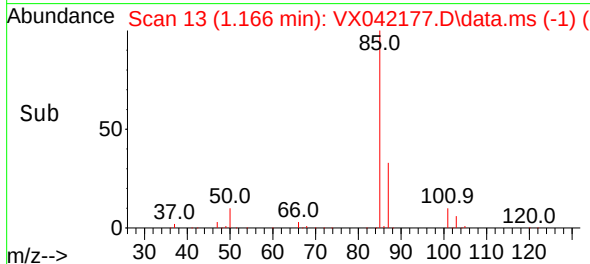
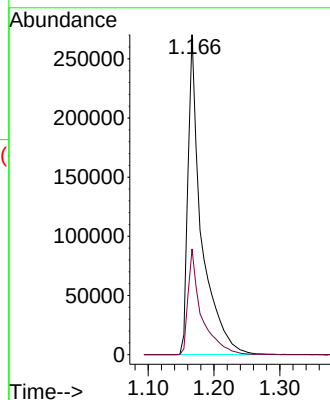
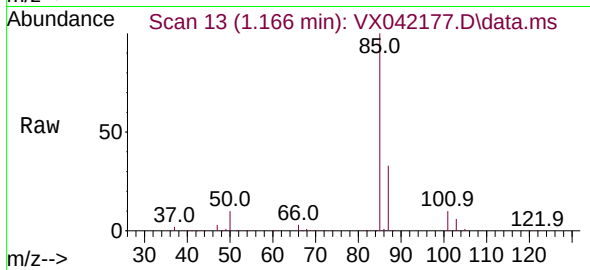




#2
Dichlorodifluoromethane
Concen: 198.495 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

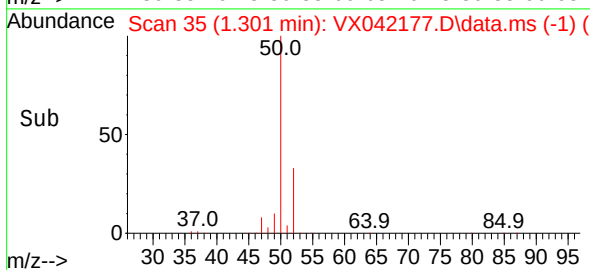
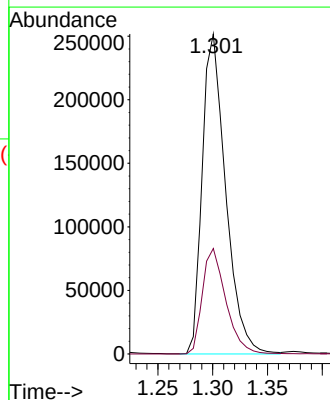
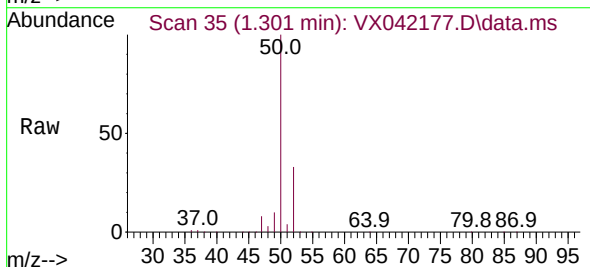
Instrument :
MSVOA_X
ClientSampleId :

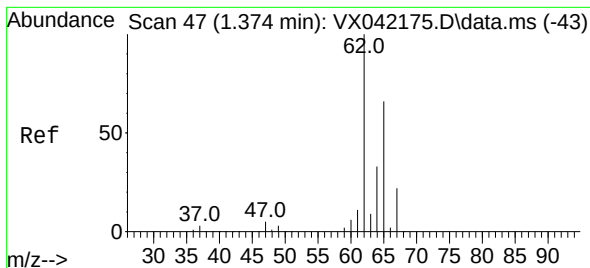
Tgt Ion: 85 Resp: 379977
Ion Ratio Lower Upper
85 100
87 33.1 26.0 39.0



#3
Chloromethane
Concen: 221.164 ug/L
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Tgt Ion: 50 Resp: 374149
Ion Ratio Lower Upper
50 100
52 33.0 23.5 43.7





#5

Vinyl chloride

Concen: 222.699 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

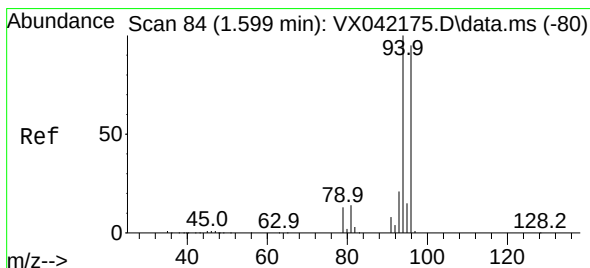
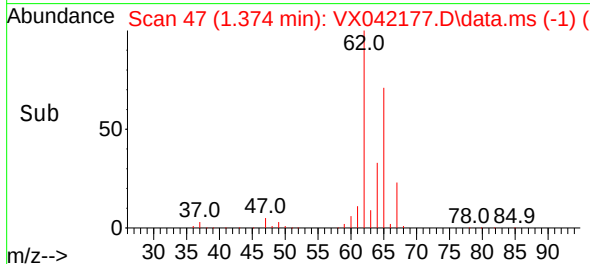
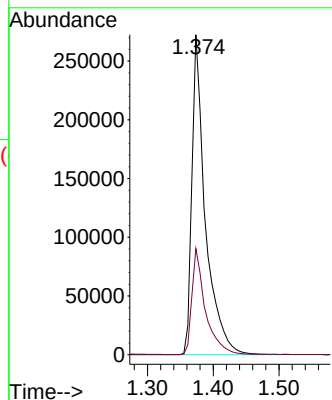
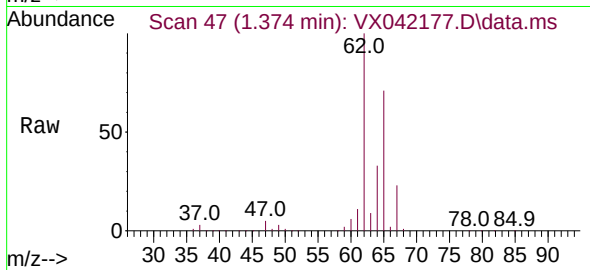
ClientSampleId :

Tgt Ion: 62 Resp: 384280

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.0



#6

Bromomethane

Concen: 182.656 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX042177.D

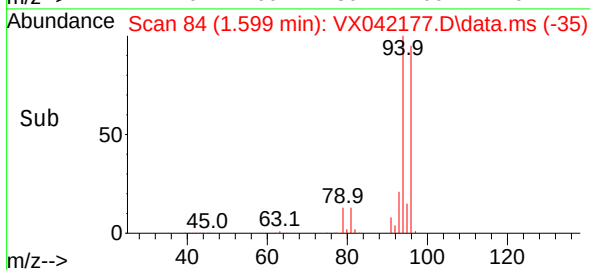
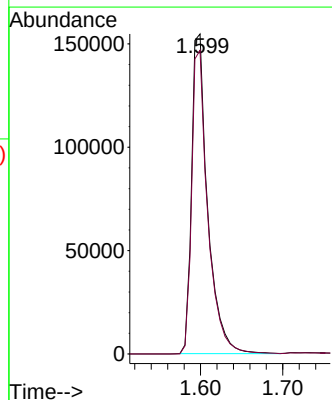
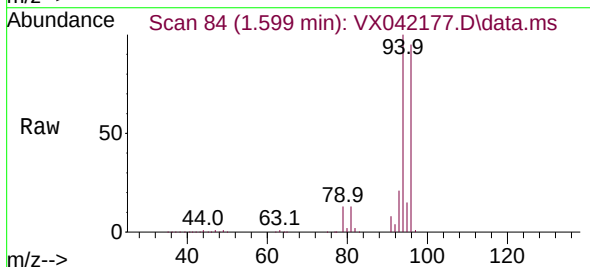
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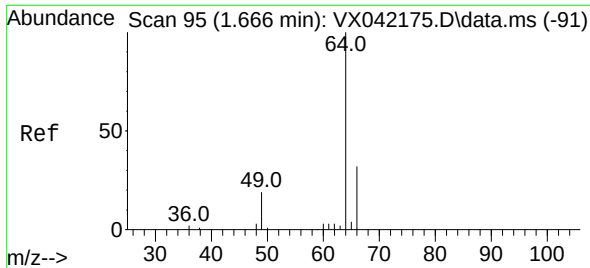
Tgt Ion: 94 Resp: 210153

Ion Ratio Lower Upper

94 100

96 94.9 66.4 123.4

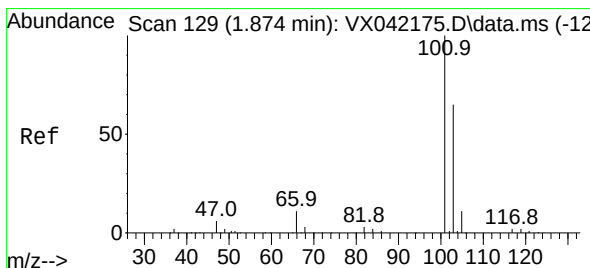
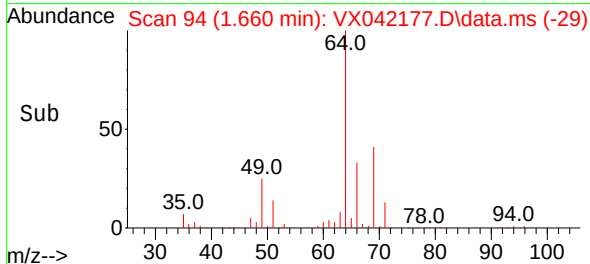
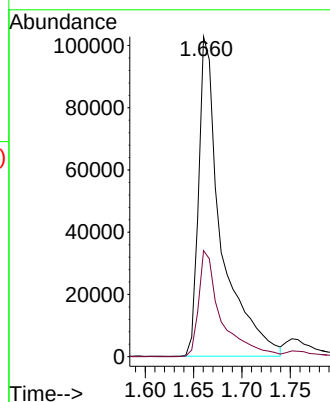
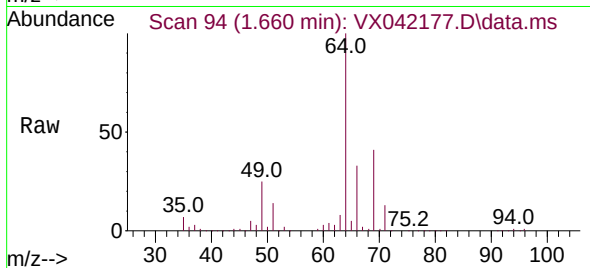




#8
Chloroethane
Concen: 171.683 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

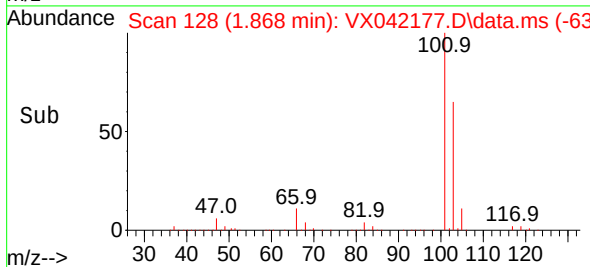
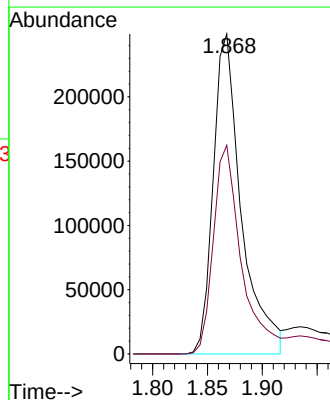
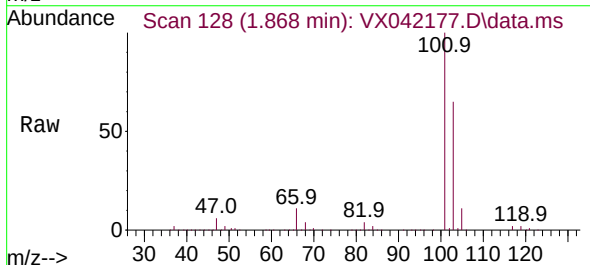
Instrument :
MSVOA_X
ClientSampleId :

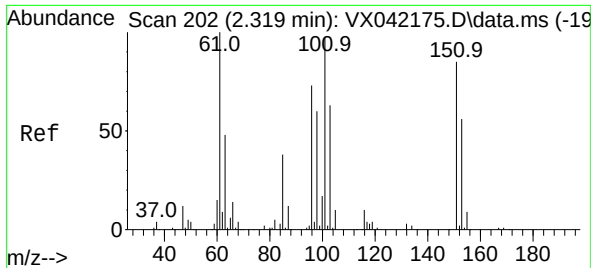
Tgt Ion: 64 Resp: 166862
Ion Ratio Lower Upper
64 100
66 33.2 22.5 41.7



#9
Trichlorofluoromethane
Concen: 152.492 ug/L
RT: 1.868 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Tgt Ion:101 Resp: 443663
Ion Ratio Lower Upper
101 100
103 65.1 50.2 75.4

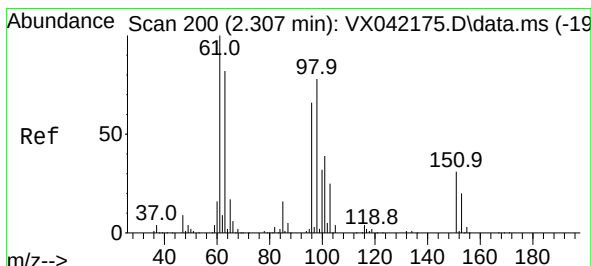
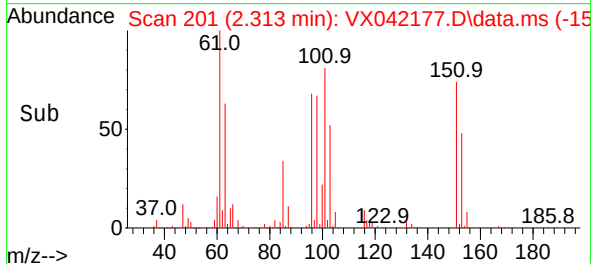
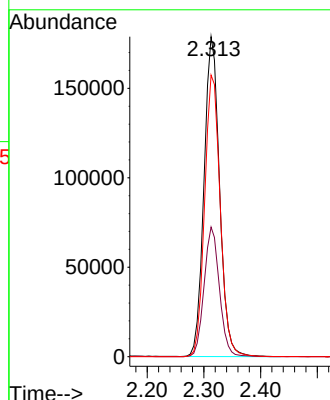
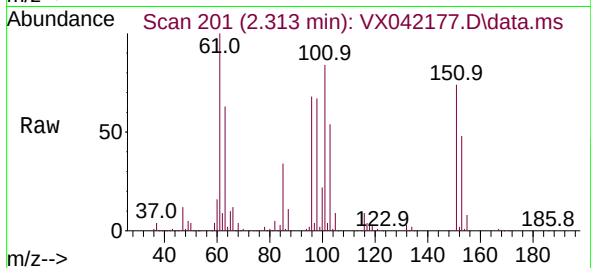




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 191.471 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX042177.D
 Acq: 03 Jul 2024 21:02

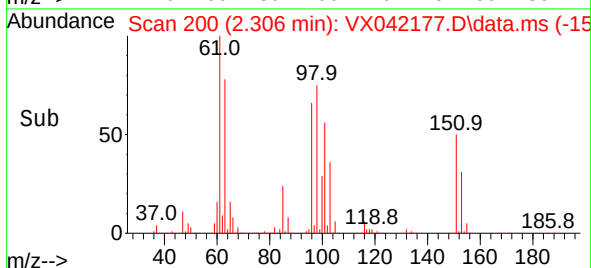
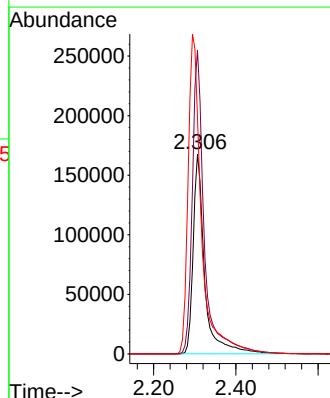
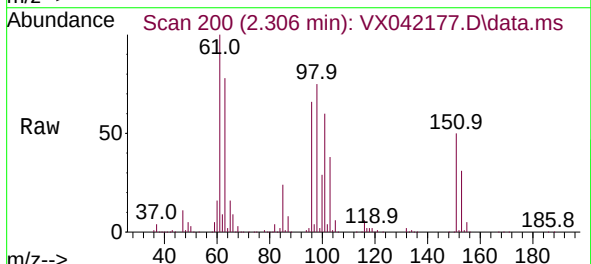
Instrument :
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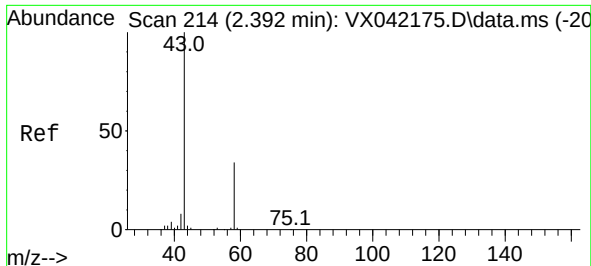
Tgt Ion:101 Resp: 340526
 Ion Ratio Lower Upper
 101 100
 85 39.9 31.3 46.9
 151 88.3 69.7 104.5



#12
 1,1-Dichloroethene
 Concen: 205.173 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VX042177.D
 Acq: 03 Jul 2024 21:02

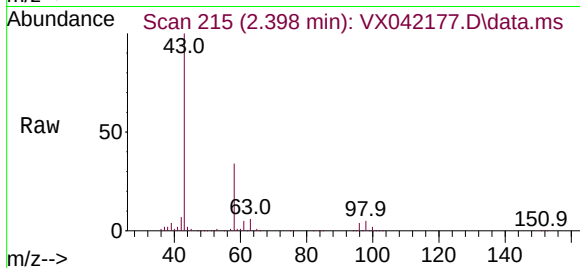
Tgt Ion: 96 Resp: 327449
 Ion Ratio Lower Upper
 96 100
 61 152.4 106.7 198.1
 63 118.8 89.2 165.6



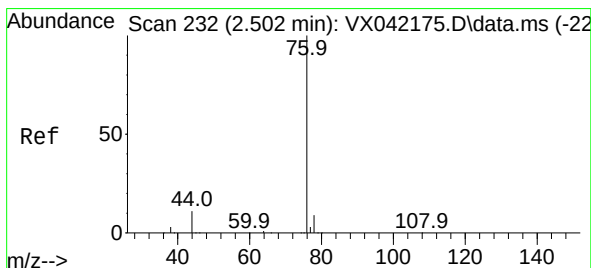
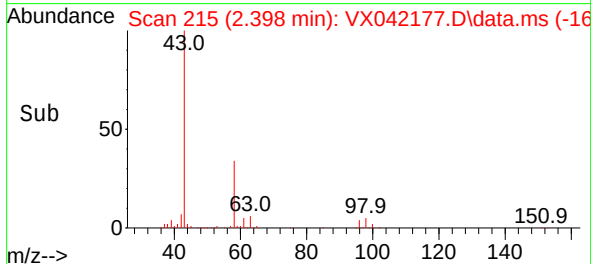
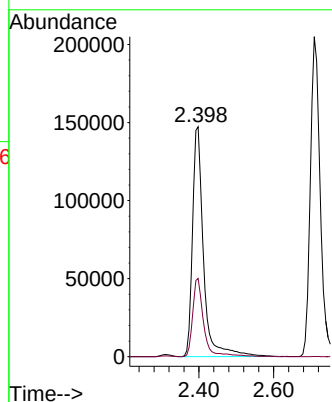


#13
Acetone
Concen: 269.743 ug/L
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Instrument :
MSVOA_X
ClientSampleId :

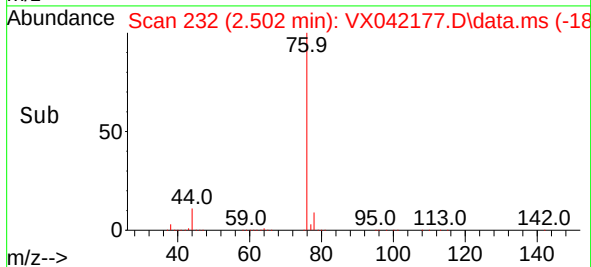
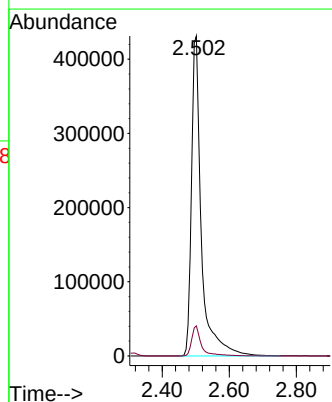
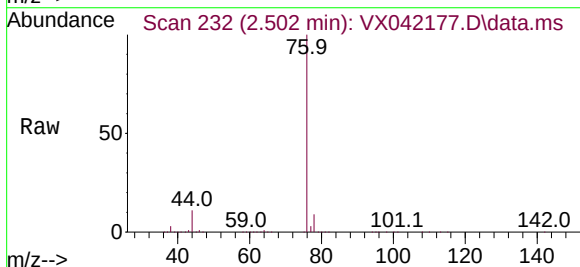


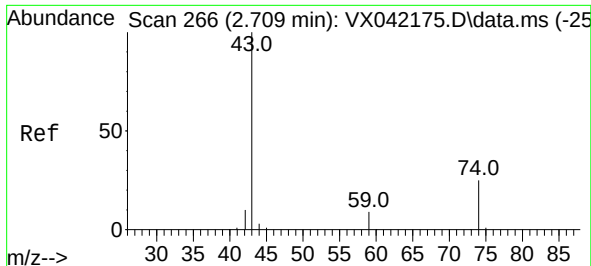
Tgt Ion: 43 Resp: 301954
Ion Ratio Lower Upper
43 100
58 32.2 0.0 62.6



#14
Carbon disulfide
Concen: 226.593 ug/L
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Tgt Ion: 76 Resp: 881045
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7





#15

Methyl Acetate

Concen: 190.752 ug/L

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

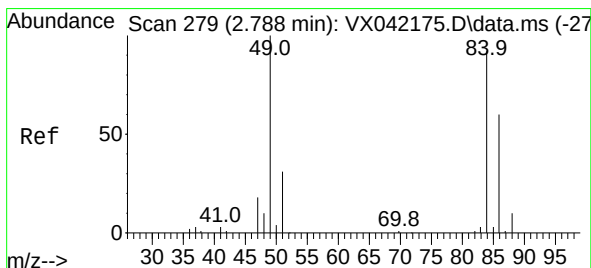
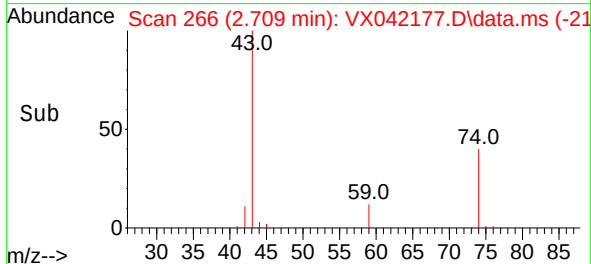
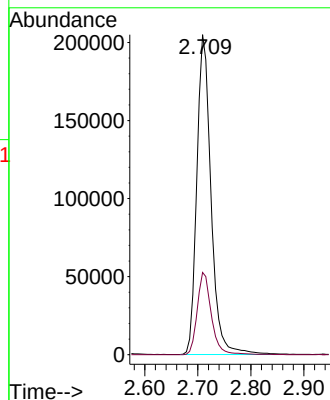
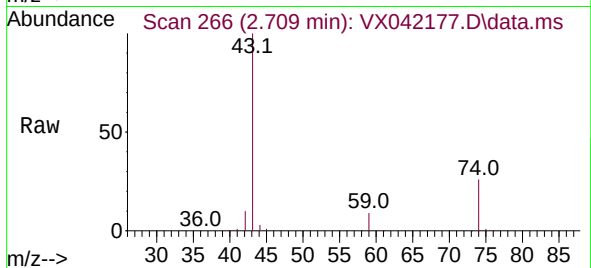
ClientSampleId :

Tgt Ion: 43 Resp: 380053

Ion Ratio Lower Upper

43 100

74 25.6 20.1 30.1



#16

Methylene chloride

Concen: 202.160 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

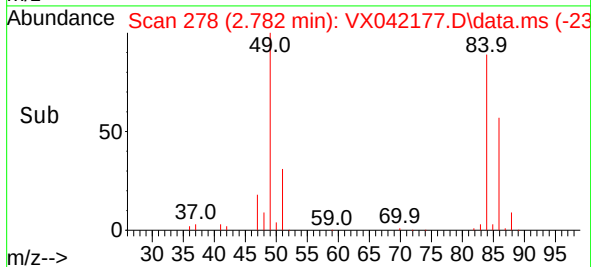
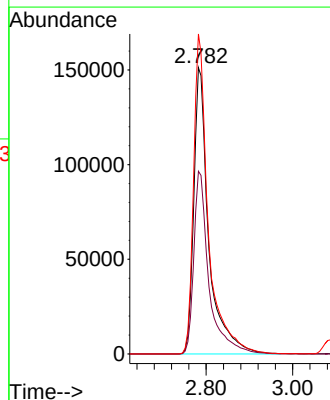
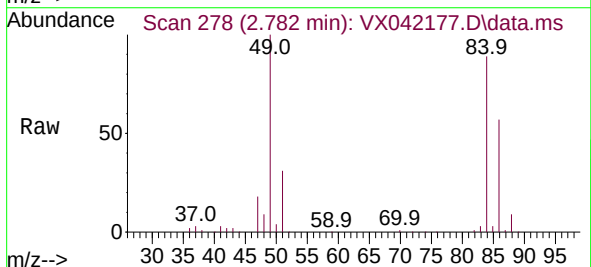
Tgt Ion: 84 Resp: 363211

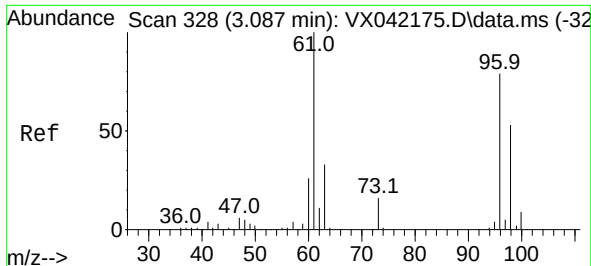
Ion Ratio Lower Upper

84 100

86 63.8 45.7 84.9

49 111.8 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 205.623 ug/L

RT: 3.087 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

ClientSampleId :

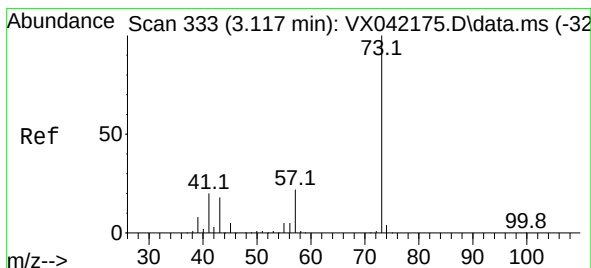
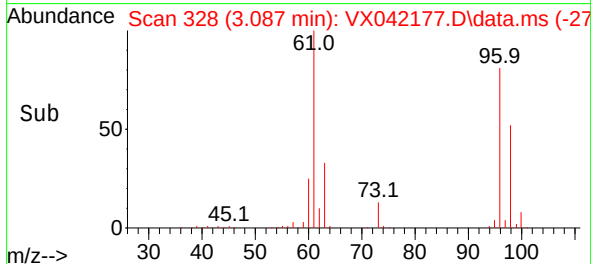
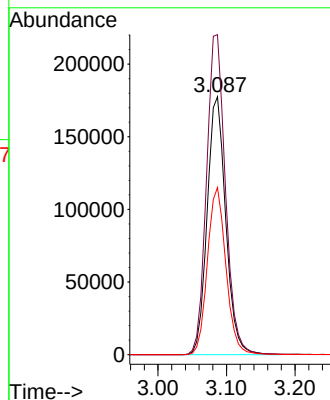
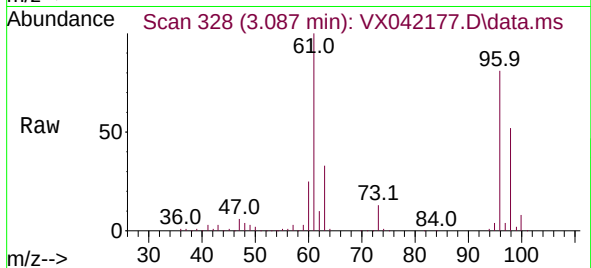
Tgt Ion: 96 Resp: 336642

Ion Ratio Lower Upper

96 100

61 124.0 88.4 164.2

98 64.8 46.5 86.5



#18

Methyl tert-butyl Ether

Concen: 197.254 ug/L

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

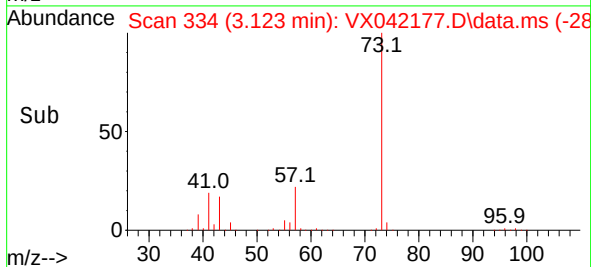
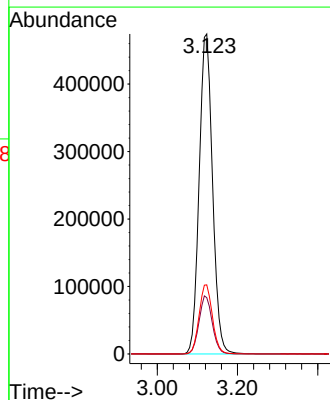
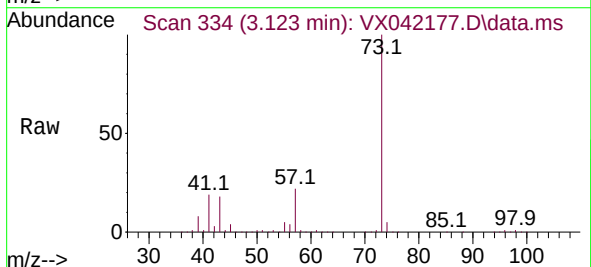
Tgt Ion: 73 Resp: 1094409

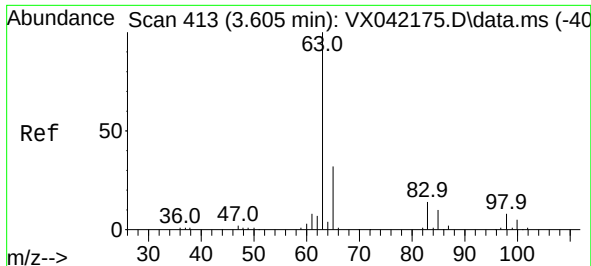
Ion Ratio Lower Upper

73 100

43 17.9 14.5 21.7

57 21.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 196.998 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

ClientSampleId :

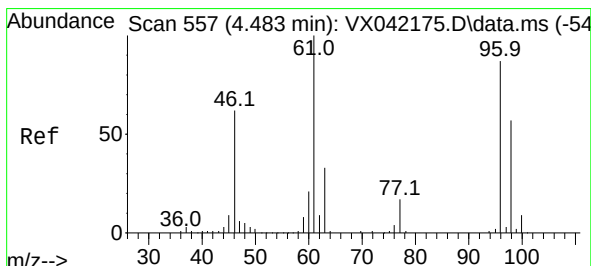
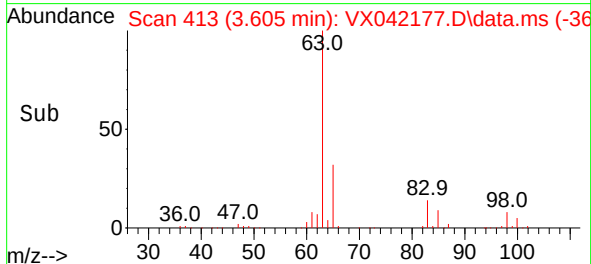
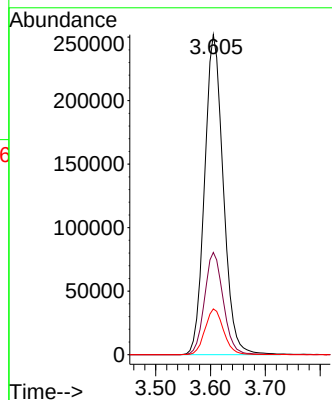
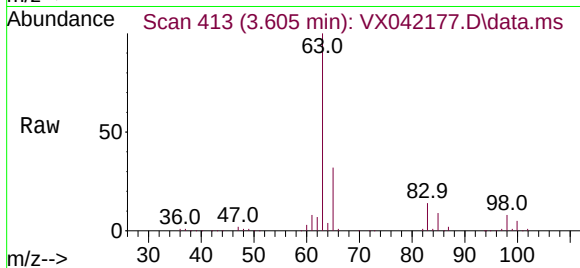
Tgt Ion: 63 Resp: 595571

Ion Ratio Lower Upper

63 100

65 31.9 22.2 41.2

83 14.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 206.594 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

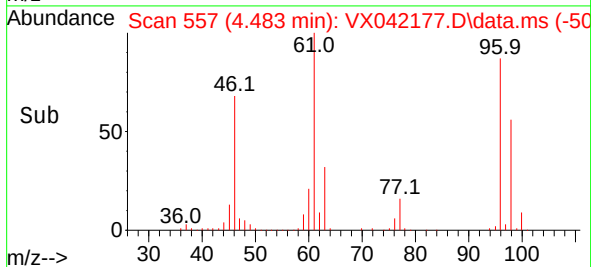
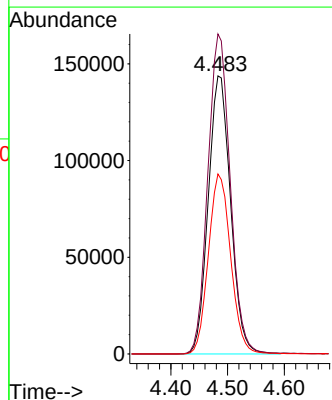
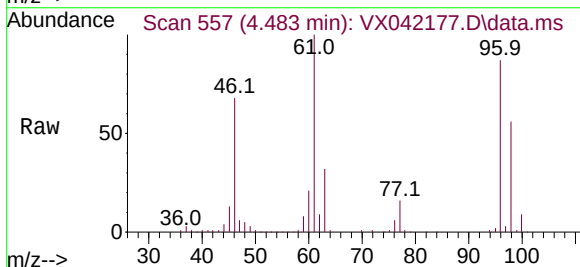
Tgt Ion: 96 Resp: 393133

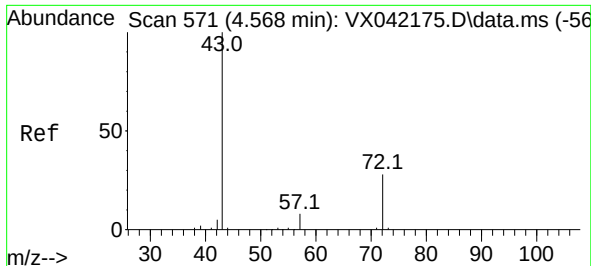
Ion Ratio Lower Upper

96 100

61 115.0 80.5 149.5

98 64.7 45.7 84.9





#22

2-Butanone

Concen: 359.126 ug/L

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

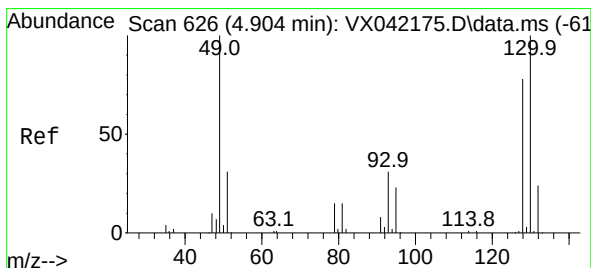
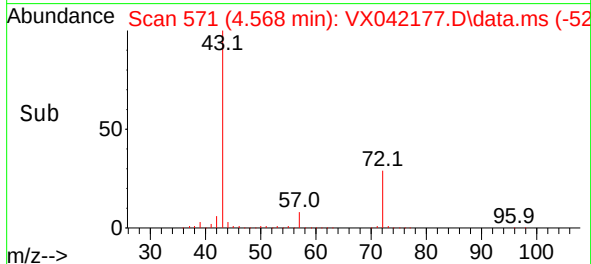
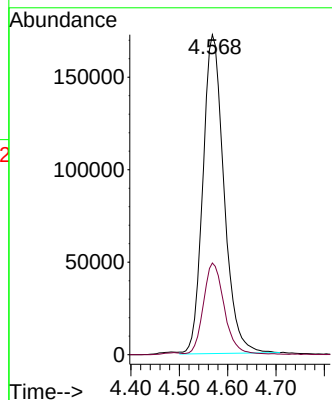
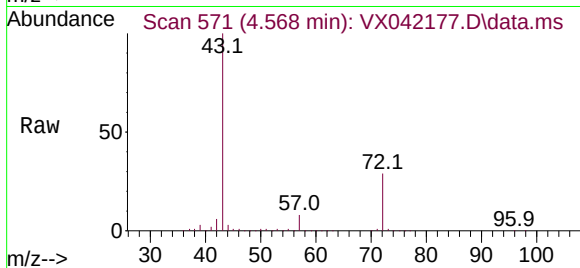
ClientSampleId :

Tgt Ion: 43 Resp: 521627

Ion Ratio Lower Upper

43 100

72 28.6 13.7 41.1



#23

Bromochloromethane

Concen: 213.360 ug/L

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Tgt Ion: 128 Resp: 216732

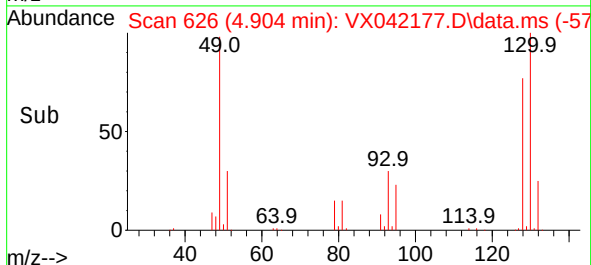
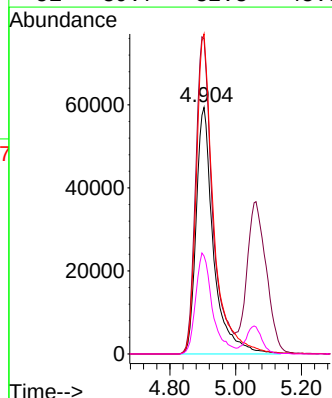
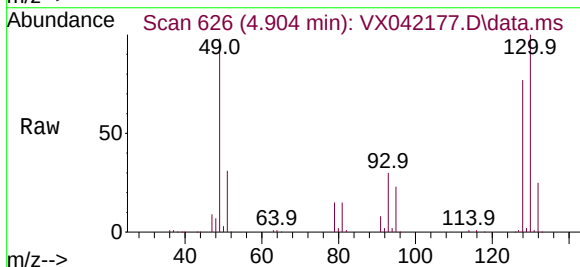
Ion Ratio Lower Upper

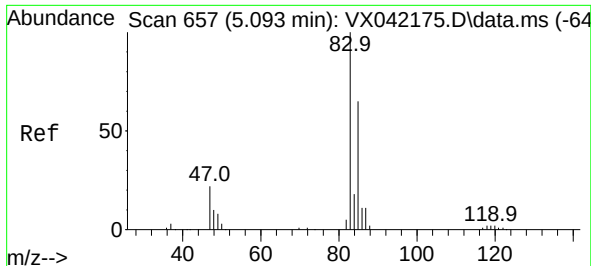
128 100

49 127.7 89.7 166.7

130 129.8 90.0 167.2

51 39.7 32.3 48.5





#25

Chloroform

Concen: 192.523 ug/L

RT: 5.093 min Scan# 6

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

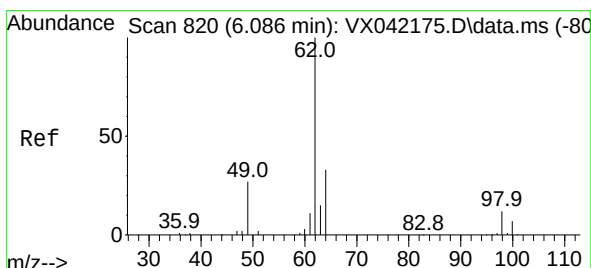
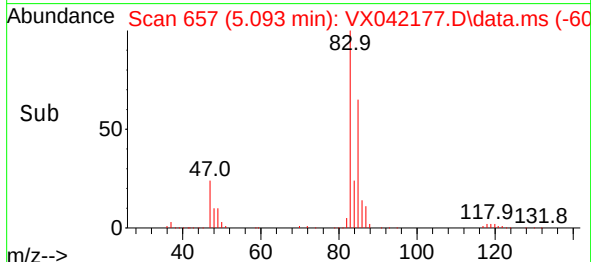
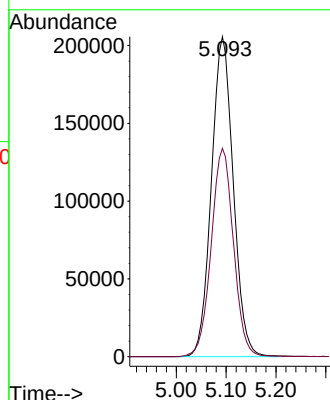
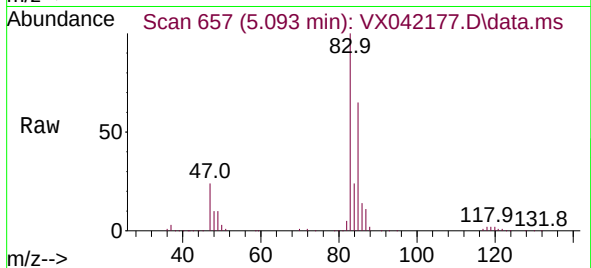
ClientSampleId :

Tgt Ion: 83 Resp: 625797

Ion Ratio Lower Upper

83 100

85 65.1 45.8 85.2



#27

1,2-Dichloroethane

Concen: 173.589 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX042177.D

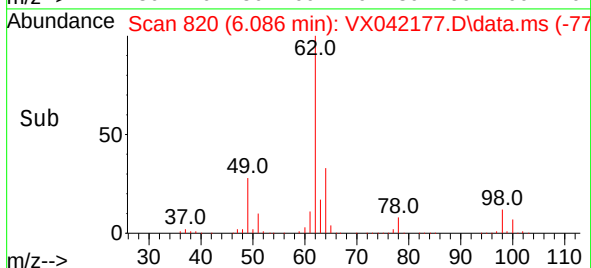
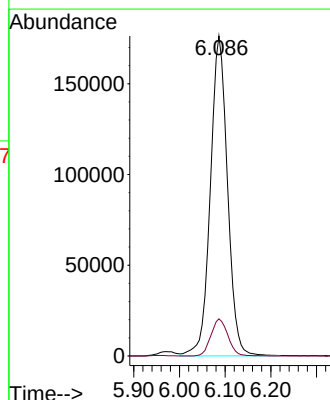
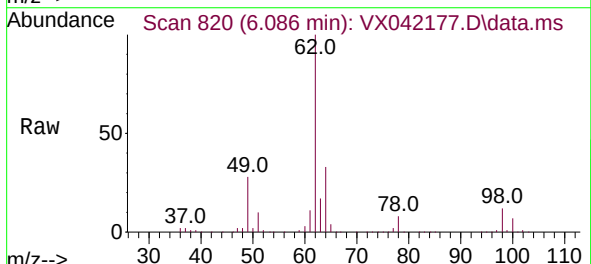
Acq: 03 Jul 2024 21:02

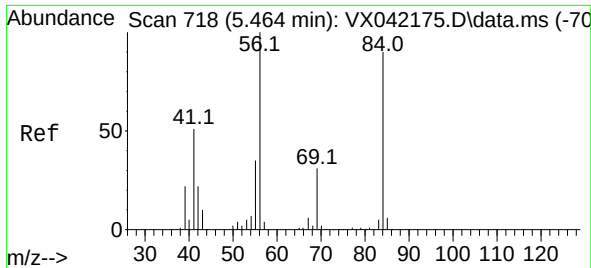
Tgt Ion: 62 Resp: 459894

Ion Ratio Lower Upper

62 100

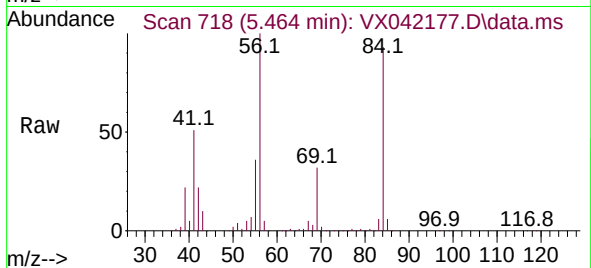
98 11.6 9.3 13.9



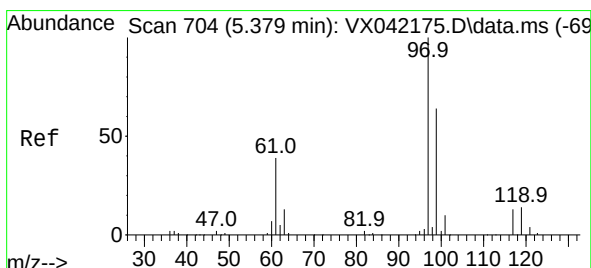
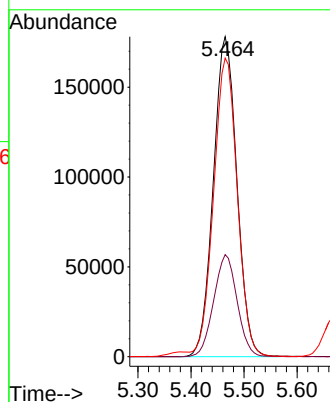
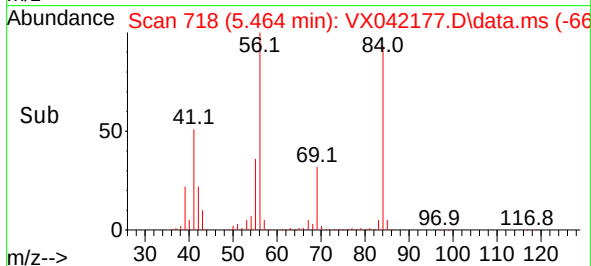


#29
Cyclohexane
Concen: 192.527 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Instrument :
MSVOA_X
ClientSampleId :

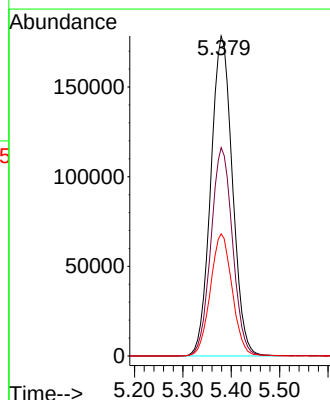
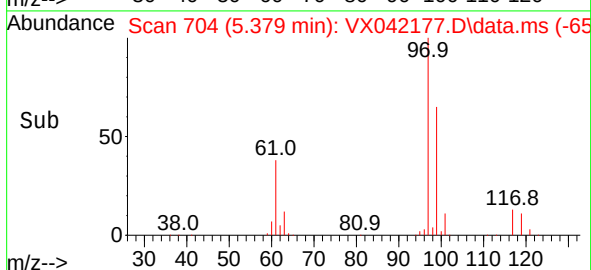
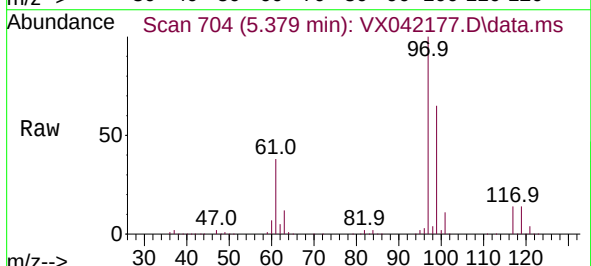


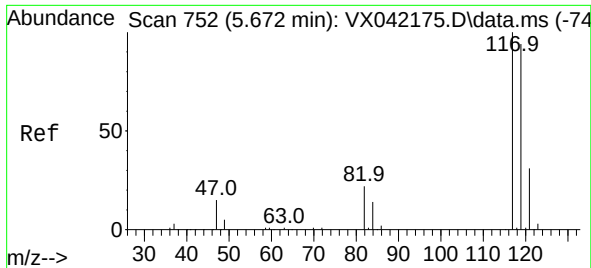
Tgt Ion: 56 Resp: 549446
Ion Ratio Lower Upper
56 100
69 31.7 25.3 37.9
84 93.6 74.0 111.0



#30
1,1,1-Trichloroethane
Concen: 186.161 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

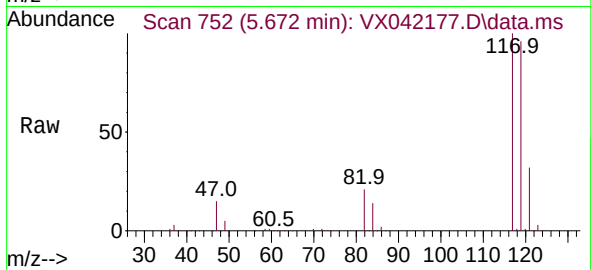
Tgt Ion: 97 Resp: 555513
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 38.2 31.2 46.8



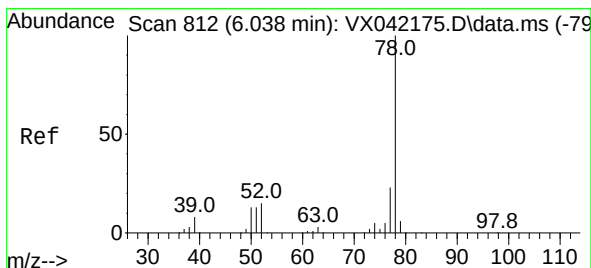
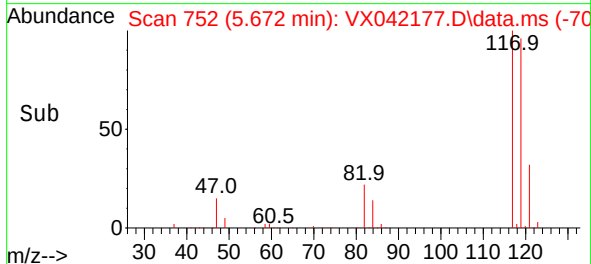
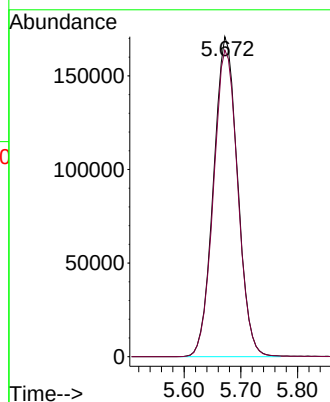


#31
Carbon tetrachloride
Concen: 190.880 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Instrument :
MSVOA_X
ClientSampleId :

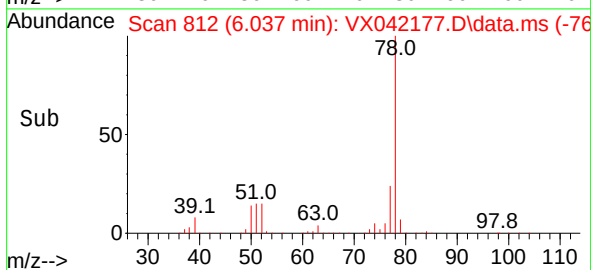
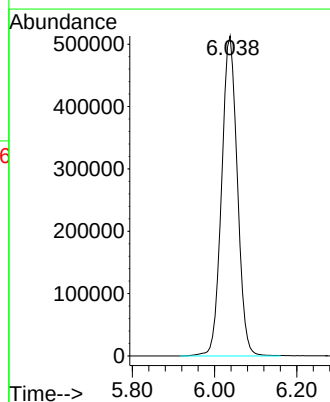
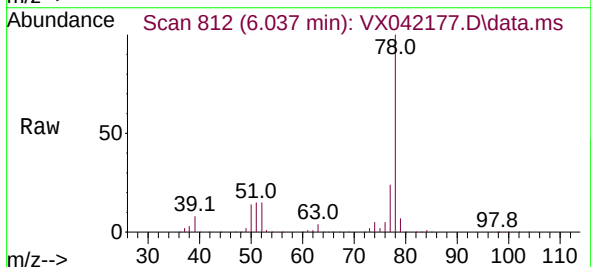


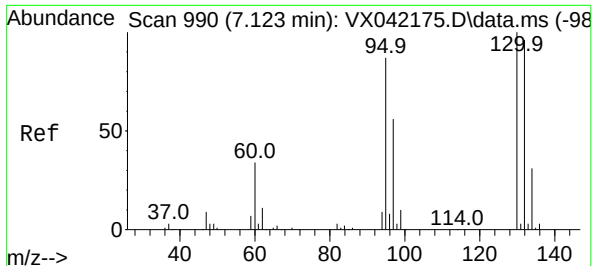
Tgt Ion:117 Resp: 503893
Ion Ratio Lower Upper
117 100
119 96.9 77.7 116.5



#33
Benzene
Concen: 189.145 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Tgt Ion: 78 Resp: 1364270





#34

Trichloroethene

Concen: 189.257 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

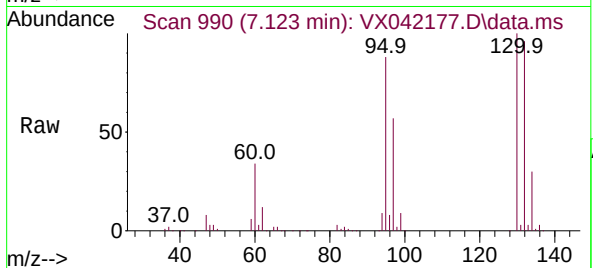
Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 371595

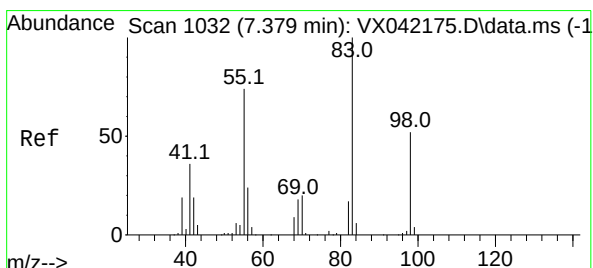
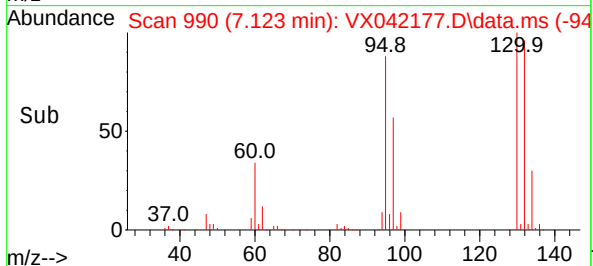
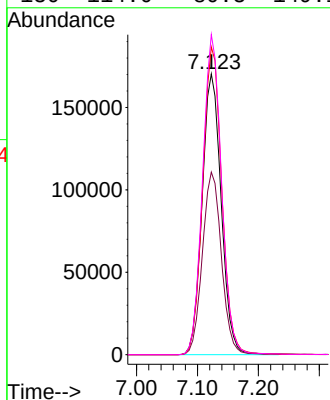
Ion Ratio Lower Upper

95 100

97 65.0 45.1 83.7

132 109.6 77.2 143.4

130 114.0 80.3 149.1



#35

Methylcyclohexane

Concen: 189.750 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

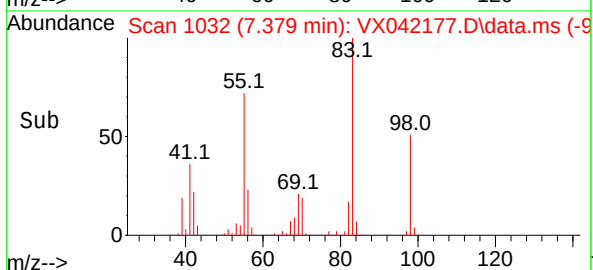
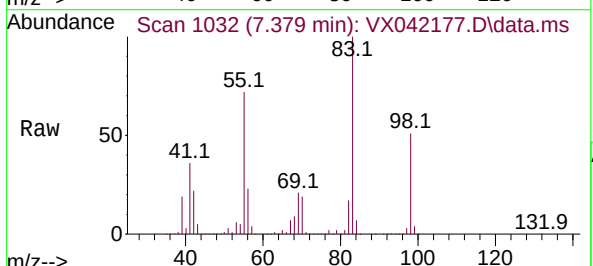
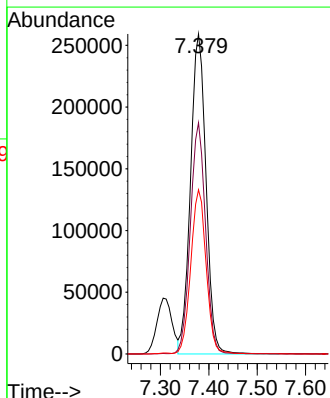
Tgt Ion: 83 Resp: 576576

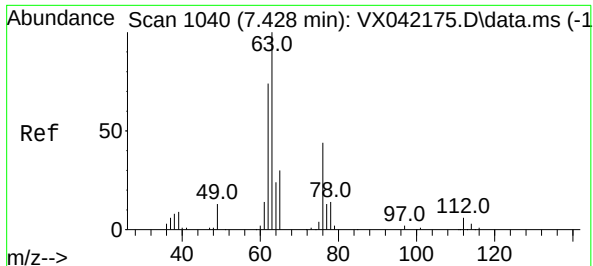
Ion Ratio Lower Upper

83 100

55 70.8 56.4 84.6

98 50.6 40.4 60.6

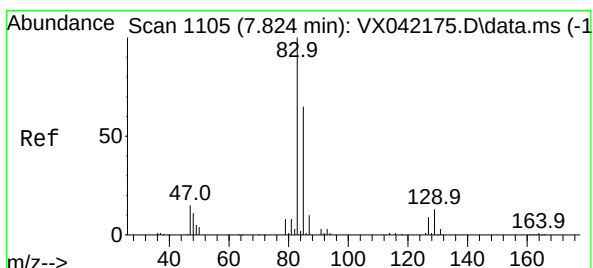
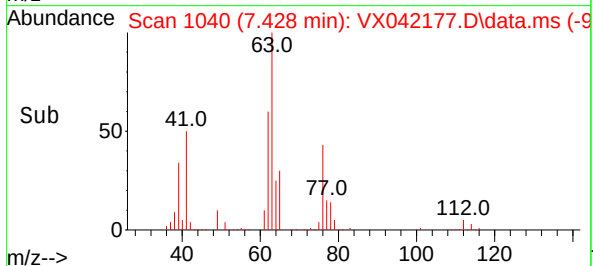
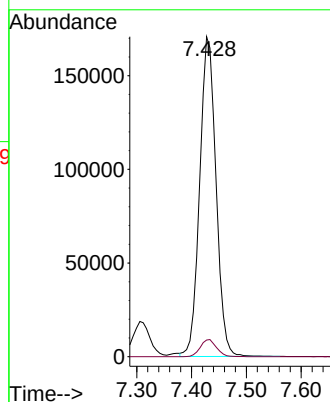
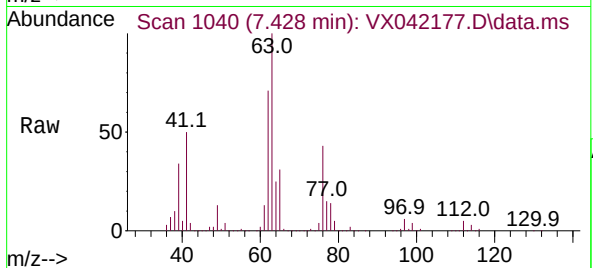




#37
1,2-Dichloropropane
Concen: 193.842 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

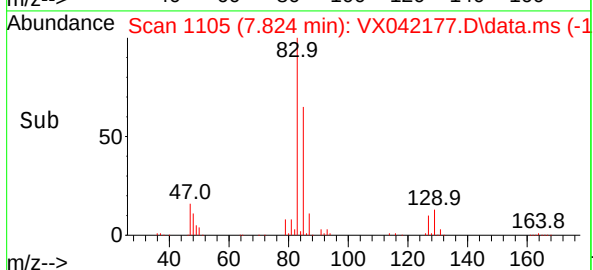
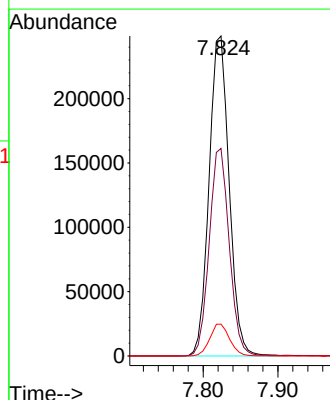
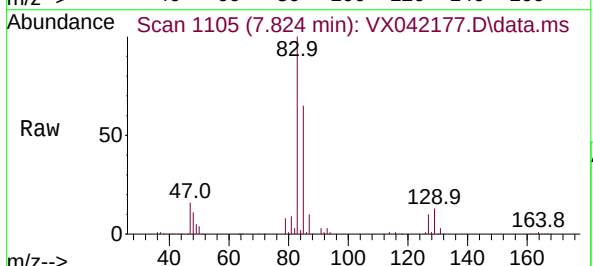
Instrument :
MSVOA_X
ClientSampleId :

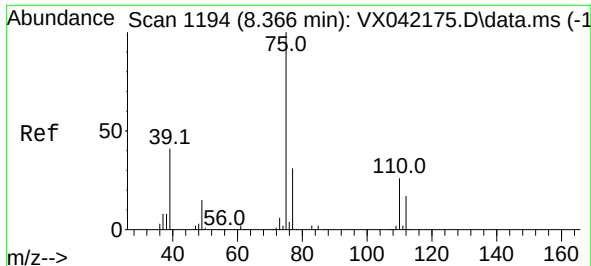
Tgt Ion: 63 Resp: 353526
Ion Ratio Lower Upper
63 100
112 5.3 4.3 6.5



#38
Bromodichloromethane
Concen: 191.295 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Tgt Ion: 83 Resp: 464444
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.2
127 10.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 191.831 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

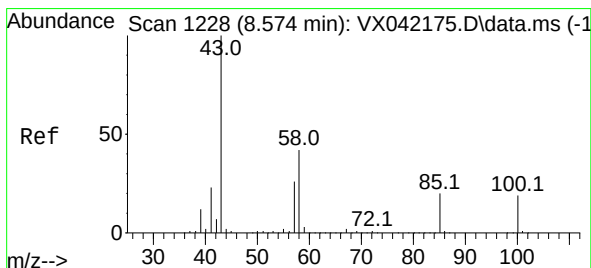
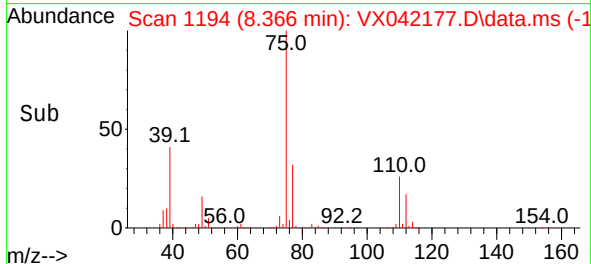
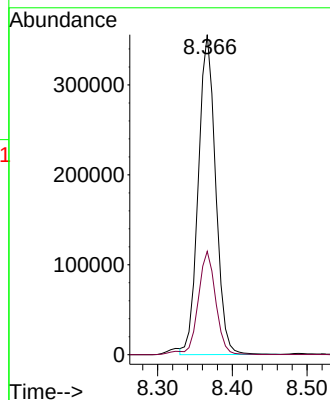
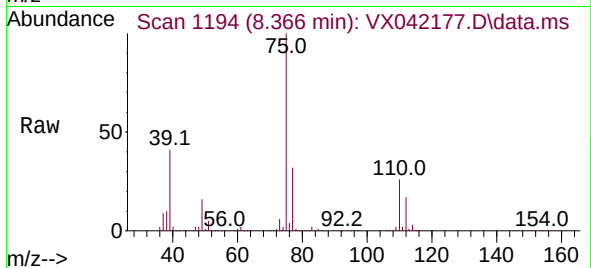
ClientSampleId :

Tgt Ion: 75 Resp: 571116

Ion Ratio Lower Upper

75 100

77 32.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 356.503 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

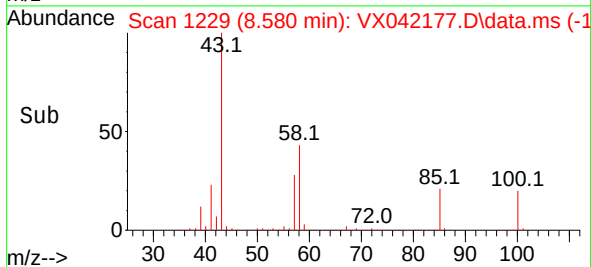
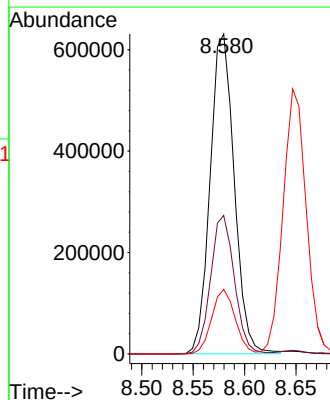
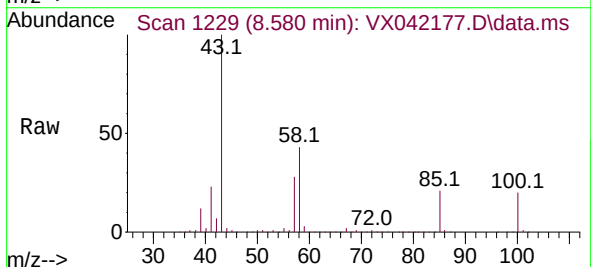
Tgt Ion: 43 Resp: 1030026

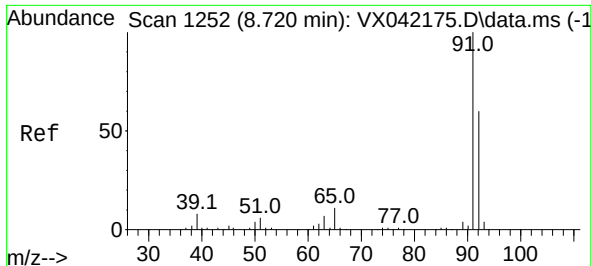
Ion Ratio Lower Upper

43 100

58 42.6 33.7 50.5

100 19.6 15.4 23.2





#42

Toluene

Concen: 187.013 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

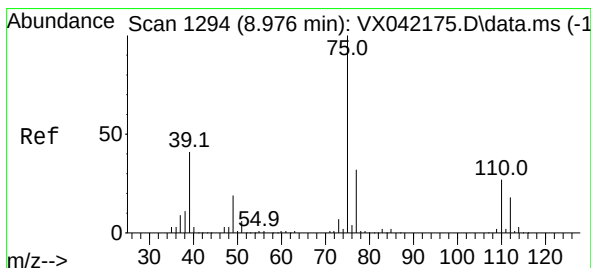
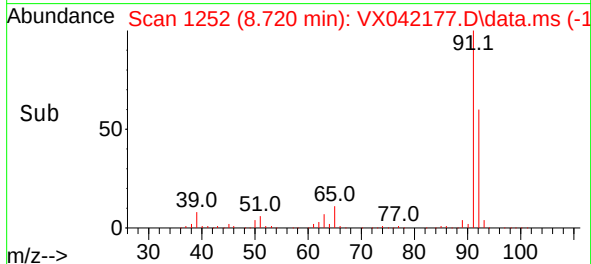
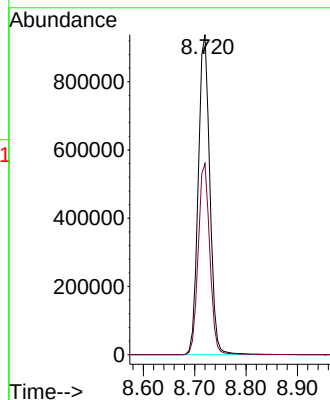
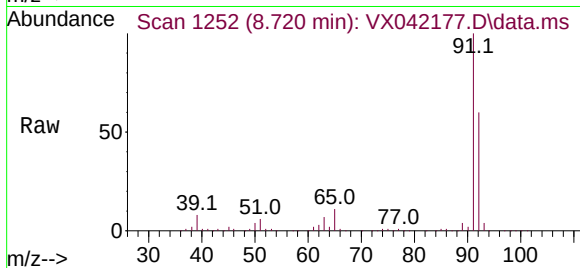
ClientSampleId :

Tgt Ion: 91 Resp: 1470761

Ion Ratio Lower Upper

91 100

92 59.7 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 190.310 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042177.D

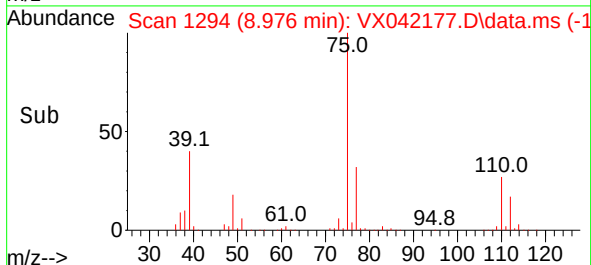
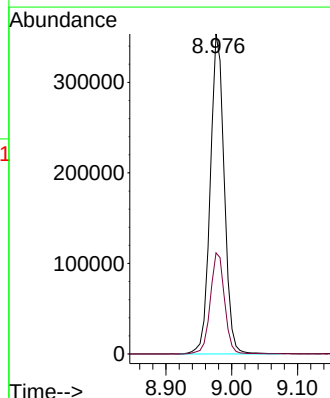
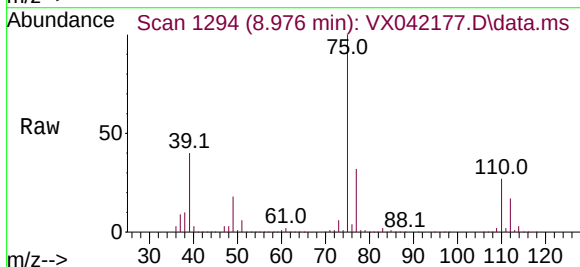
Acq: 03 Jul 2024 21:02

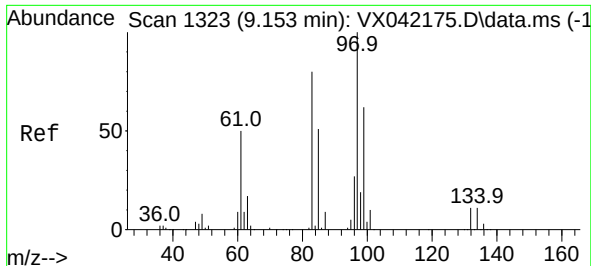
Tgt Ion: 75 Resp: 524383

Ion Ratio Lower Upper

75 100

77 31.6 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 186.716 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 376270

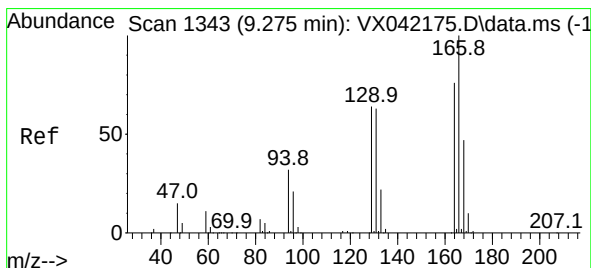
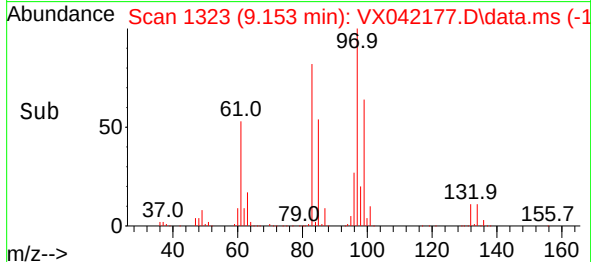
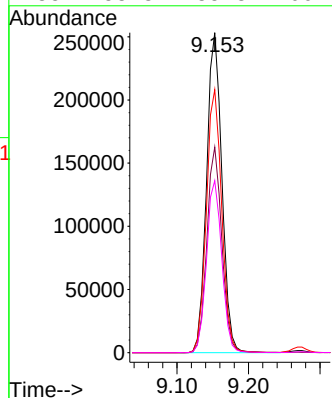
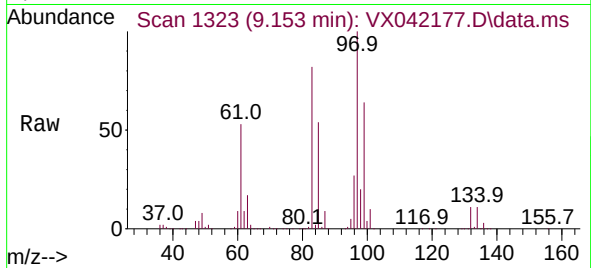
Ion Ratio Lower Upper

97 100

99 64.2 43.3 80.3

83 82.2 56.2 104.4

85 53.8 35.8 66.4



#46

Tetrachloroethene

Concen: 182.994 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Tgt Ion:164 Resp: 344377

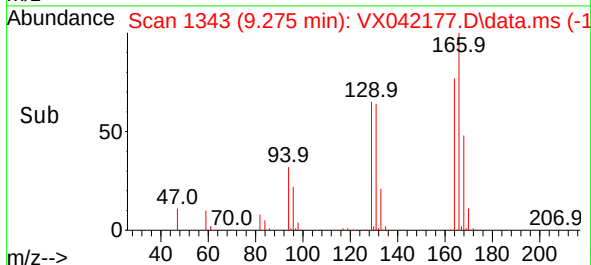
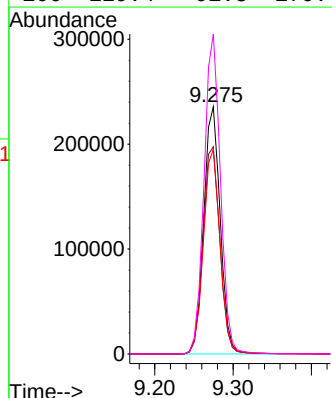
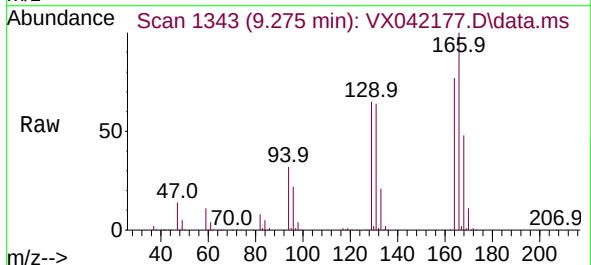
Ion Ratio Lower Upper

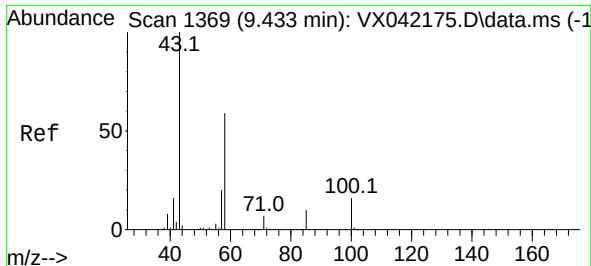
164 100

129 83.8 58.6 108.8

131 82.8 57.9 107.5

166 129.4 91.8 170.4





#48

2-Hexanone

Concen: 353.677 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

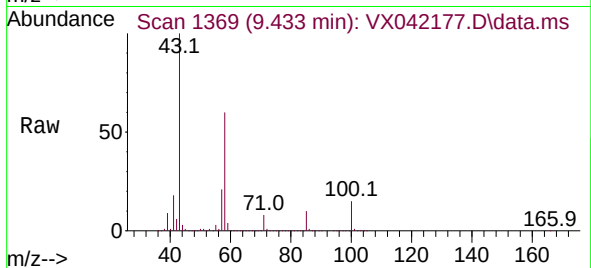
Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

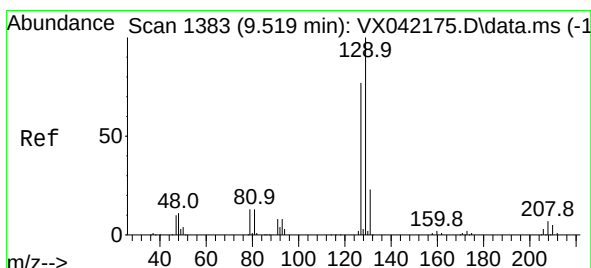
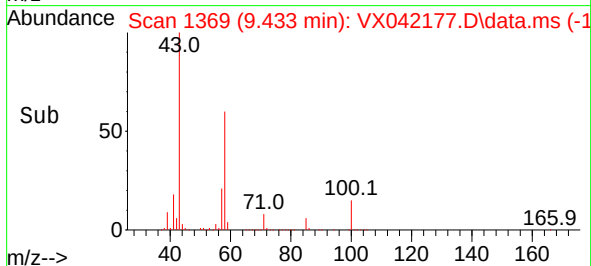
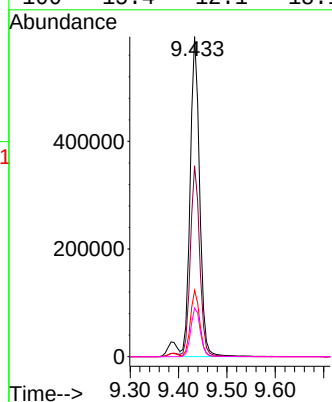
MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 807849

Ion	Ratio	Lower	Upper
43	100		
58	58.9	46.4	69.6
57	20.4	16.3	24.5
100	15.4	12.1	18.1



#49

Dibromochloromethane

Concen: 208.700 ug/L

RT: 9.525 min Scan# 1384

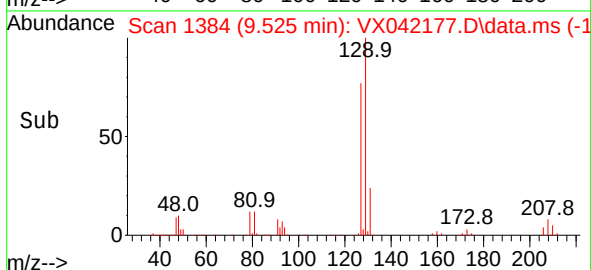
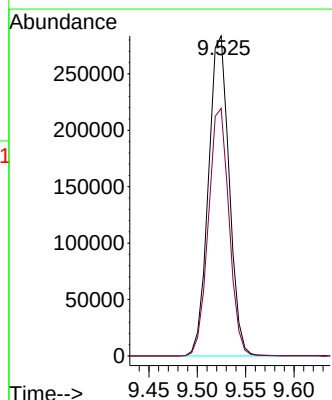
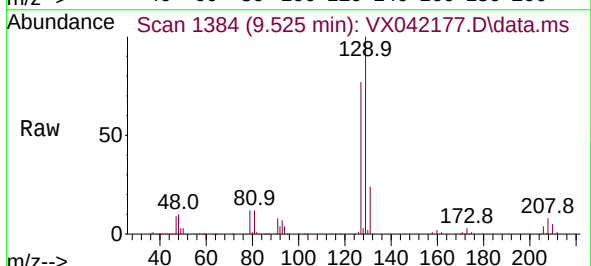
Delta R.T. 0.006 min

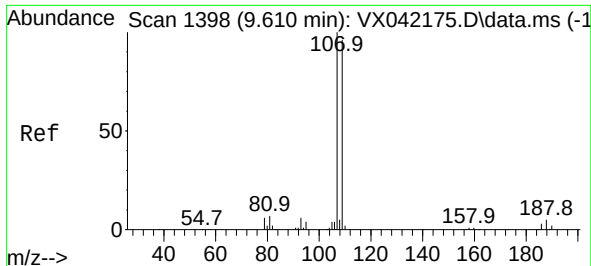
Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Tgt Ion:129 Resp: 423794

Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.7	99.7





#50

1,2-Dibromoethane

Concen: 196.584 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

ClientSampleId :

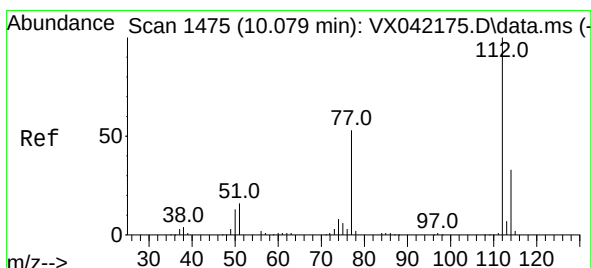
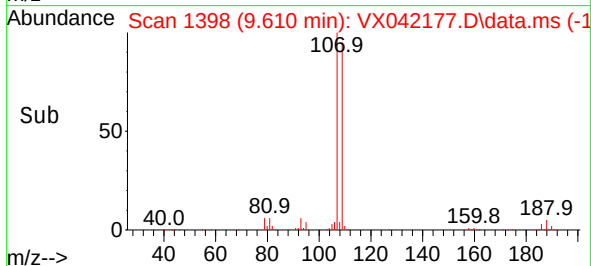
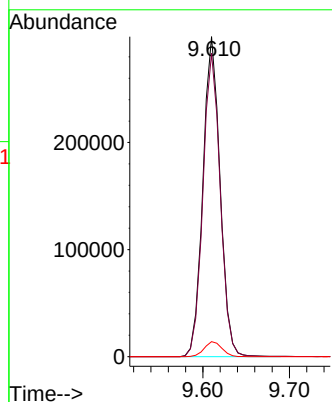
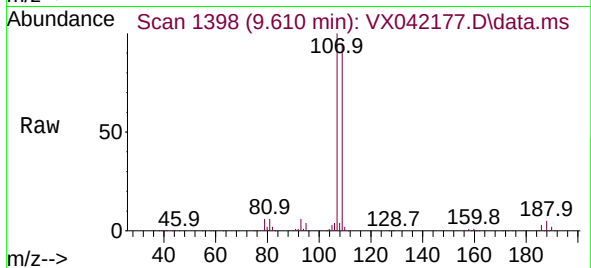
Tgt Ion:107 Resp: 411620

Ion Ratio Lower Upper

107 100

109 94.8 67.5 125.3

188 4.7 4.2 6.2



#51

Chlorobenzene

Concen: 192.666 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

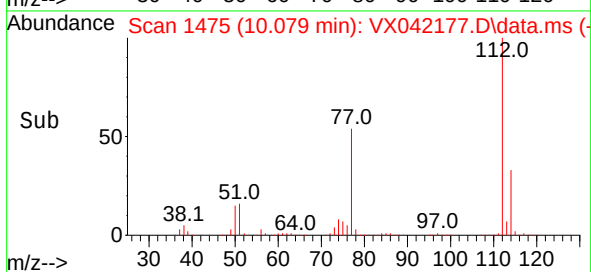
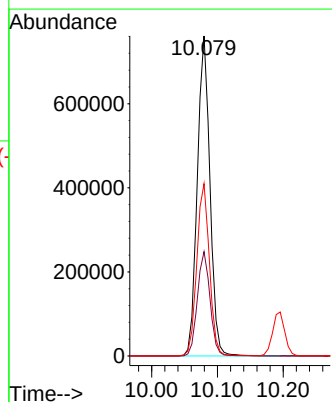
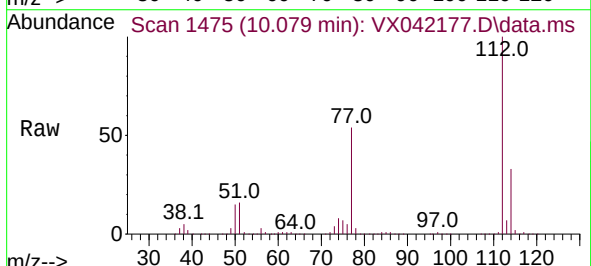
Tgt Ion:112 Resp: 1009389

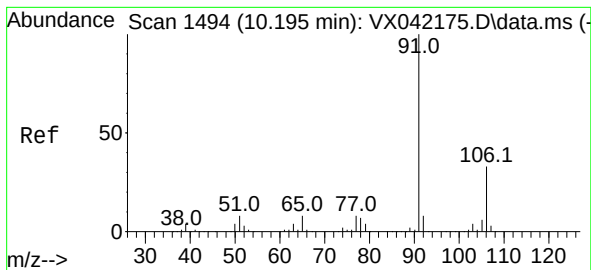
Ion Ratio Lower Upper

112 100

114 32.6 23.2 43.2

77 53.8 43.0 64.4

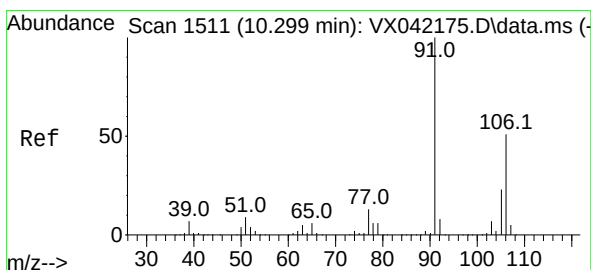
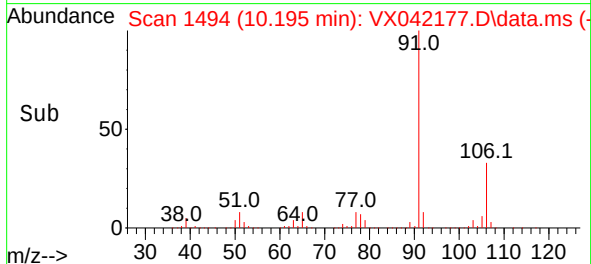
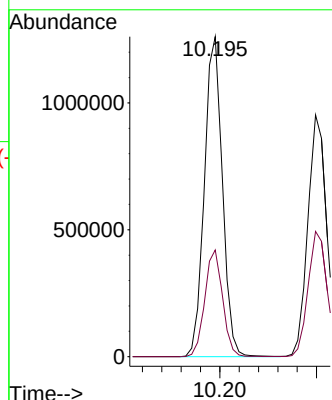
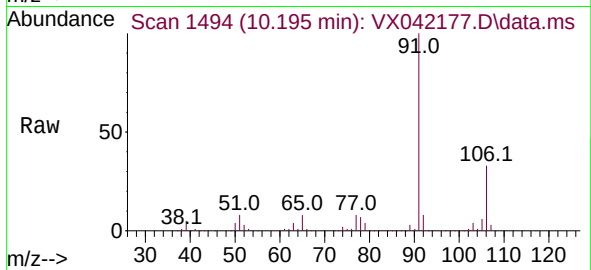




#52
Ethylbenzene
Concen: 190.045 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

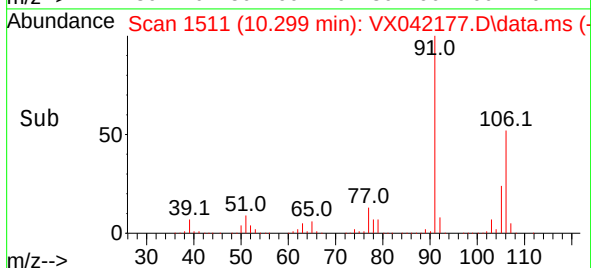
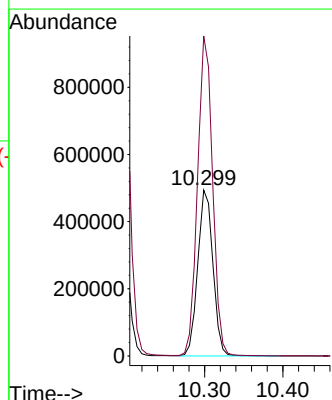
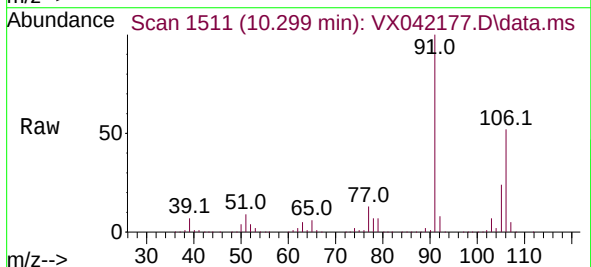
Instrument :
MSVOA_X
ClientSampleId :

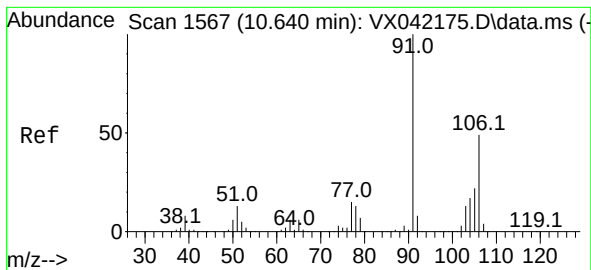
Tgt Ion: 91 Resp: 1632845
Ion Ratio Lower Upper
91 100
106 33.3 23.1 42.9



#53
m,p-Xylene
Concen: 190.835 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Tgt Ion:106 Resp: 665942
Ion Ratio Lower Upper
106 100
91 192.9 136.4 253.2





#54

o-Xylene

Concen: 185.785 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

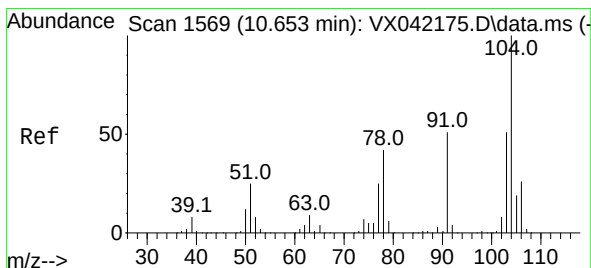
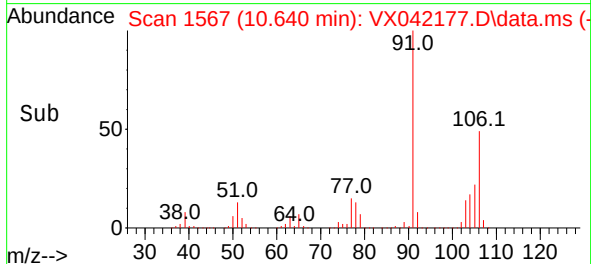
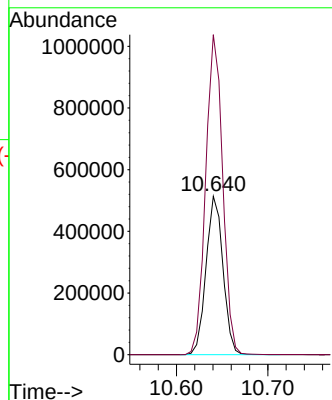
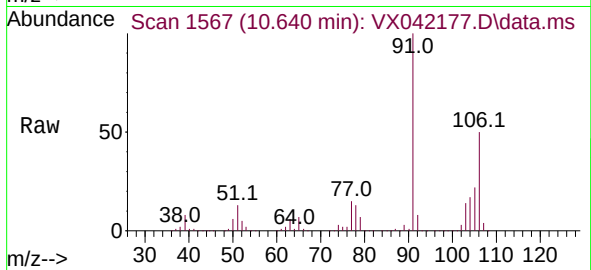
ClientSampleId :

Tgt Ion:106 Resp: 660468

Ion Ratio Lower Upper

106 100

91 202.0 143.4 266.2



#55

Styrene

Concen: 190.754 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX042177.D

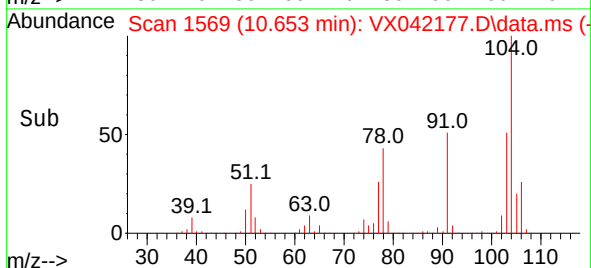
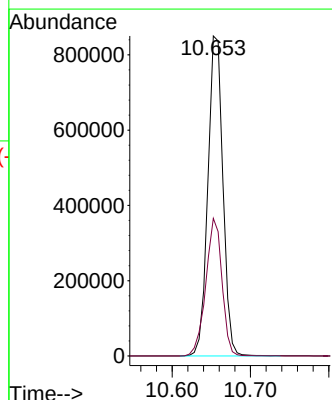
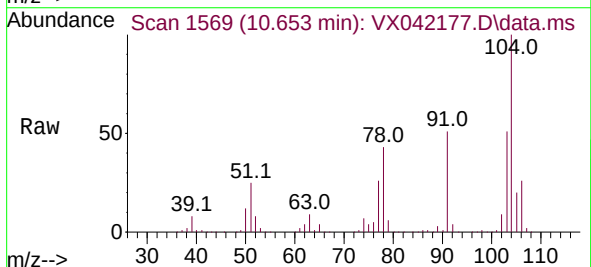
Acq: 03 Jul 2024 21:02

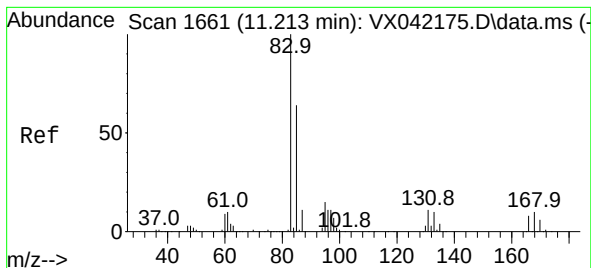
Tgt Ion:104 Resp: 1132184

Ion Ratio Lower Upper

104 100

78 43.0 29.5 54.9

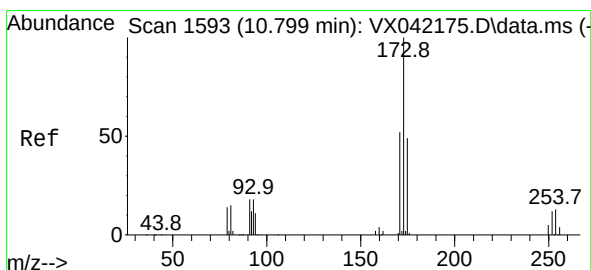
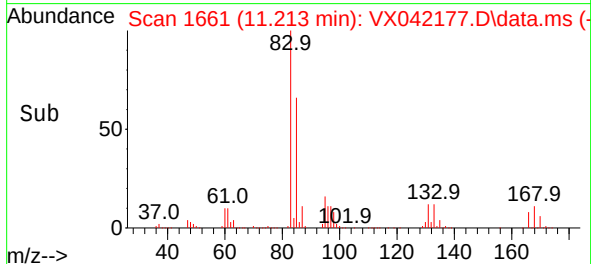
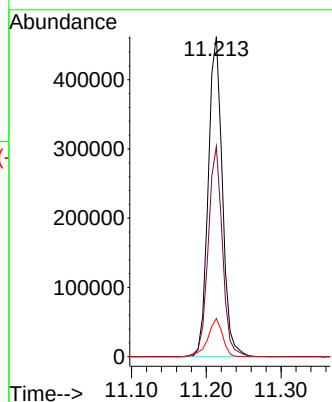
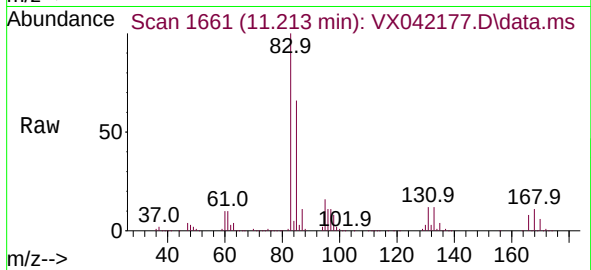




#57
1,1,2,2-Tetrachloroethane
Concen: 182.077 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

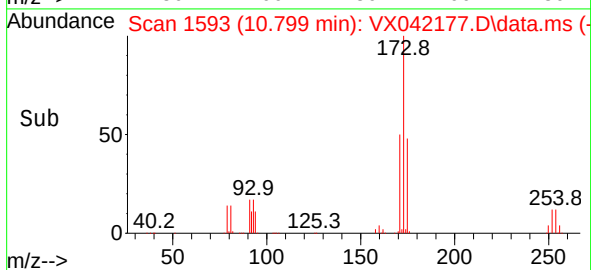
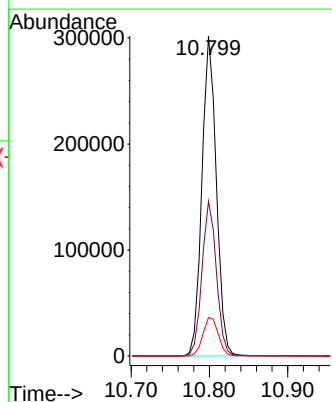
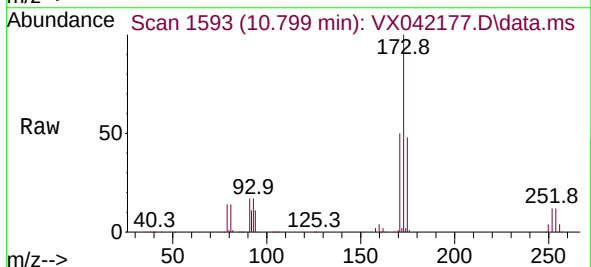
Instrument :
MSVOA_X
ClientSampleId :

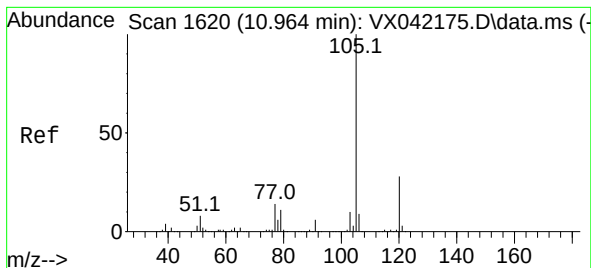
Tgt Ion: 83 Resp: 605435
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.7
131 11.9 9.0 13.4



#59
Bromoform
Concen: 222.257 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Tgt Ion:173 Resp: 385862
Ion Ratio Lower Upper
173 100
175 48.4 39.5 59.3
254 12.8 10.6 15.8





#60

Isopropylbenzene

Concen: 188.216 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

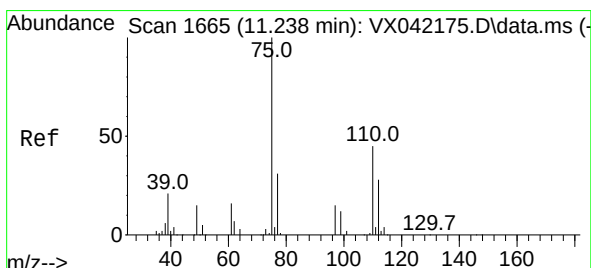
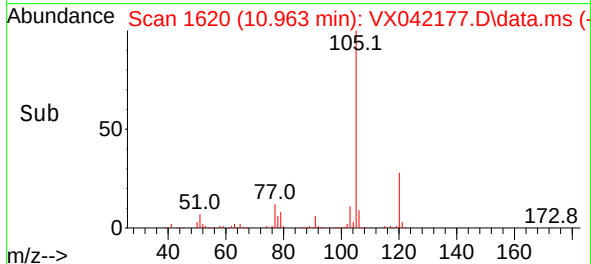
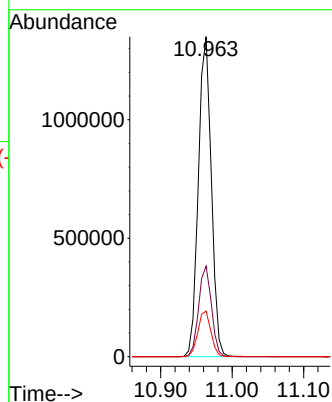
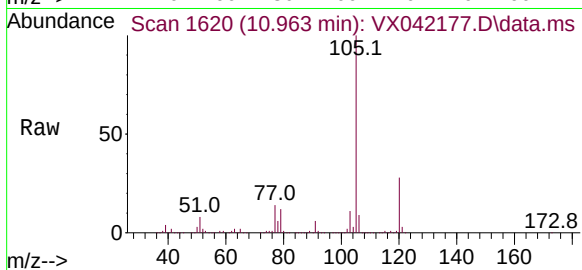
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:105 Resp: 1696923

Ion	Ratio	Lower	Upper
105	100		
120	28.1	22.0	33.0
77	14.3	11.0	16.6



#61

1,2,3-Trichloropropane

Concen: 181.685 ug/L

RT: 11.238 min Scan# 1665

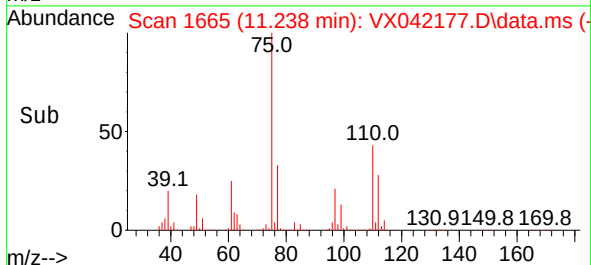
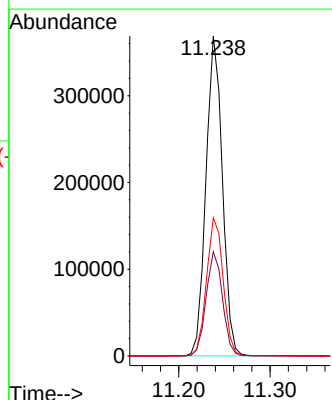
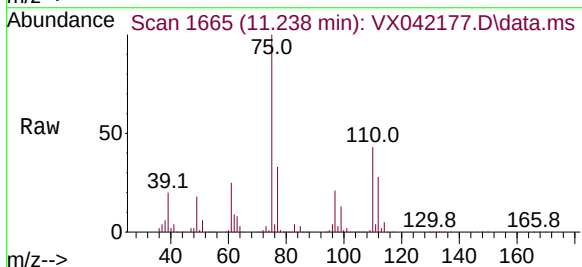
Delta R.T. -0.000 min

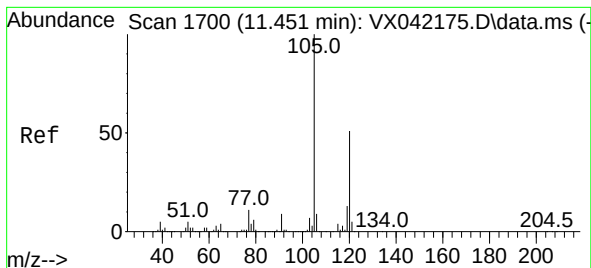
Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Tgt Ion: 75 Resp: 458524

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.8	38.8
110	43.9	35.4	53.0

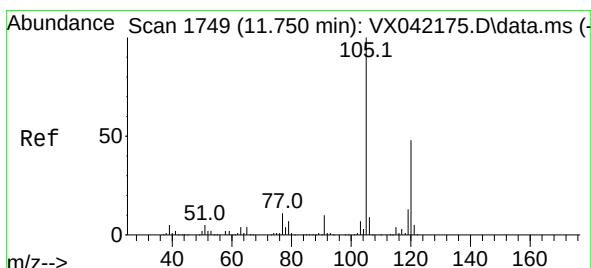
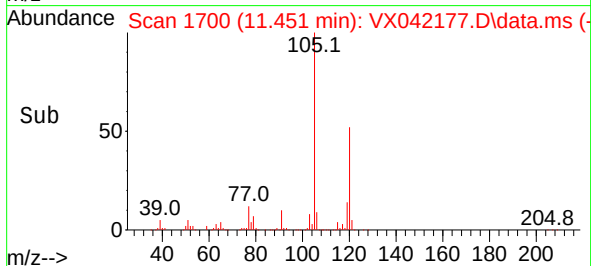
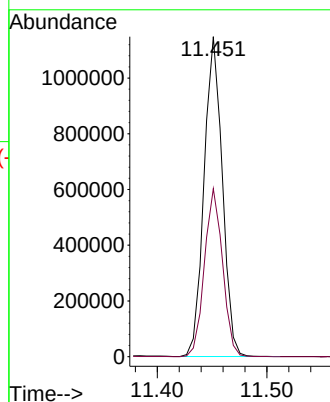
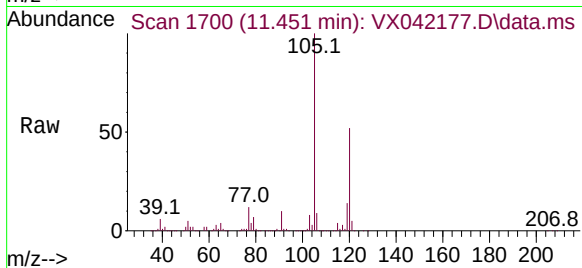




#62
1,3,5-Trimethylbenzene
Concen: 211.408 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

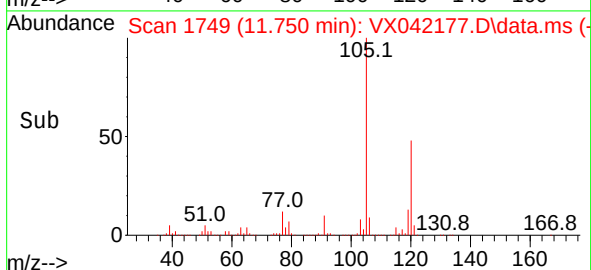
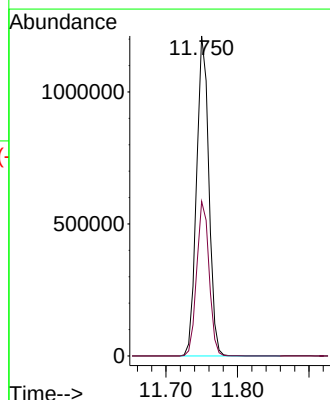
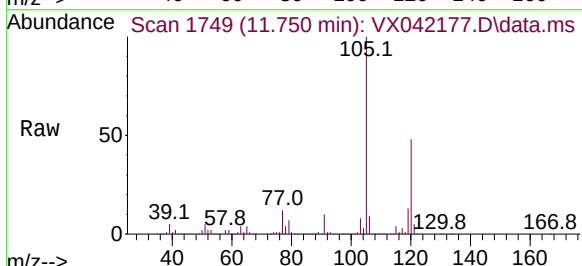
Instrument :
MSVOA_X
ClientSampleId :

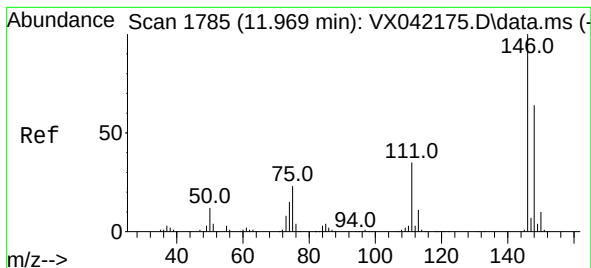
Tgt Ion:105 Resp: 1325520
Ion Ratio Lower Upper
105 100
120 52.1 40.9 61.3



#63
1,2,4-Trimethylbenzene
Concen: 195.154 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Tgt Ion:105 Resp: 1444705
Ion Ratio Lower Upper
105 100
120 48.6 38.4 57.6





#64

1,3-Dichlorobenzene

Concen: 191.180 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

ClientSampleId :

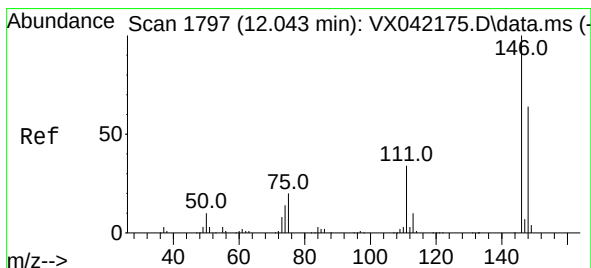
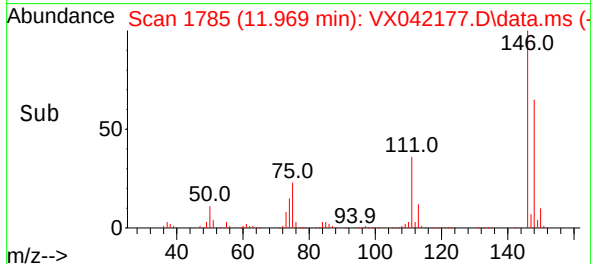
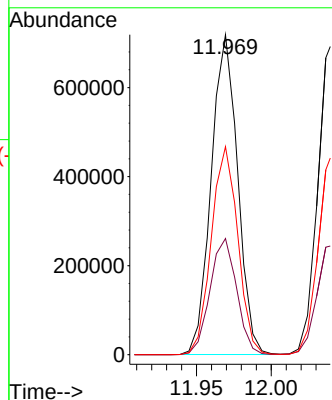
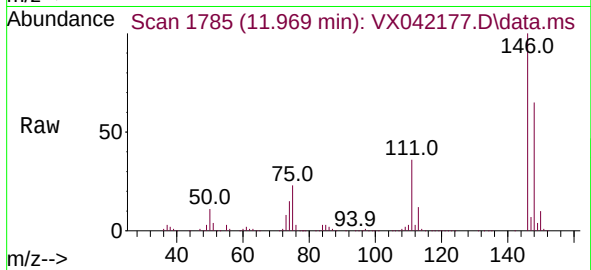
Tgt Ion:146 Resp: 882419

Ion Ratio Lower Upper

146 100

111 36.3 24.8 46.1

148 65.0 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 193.448 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

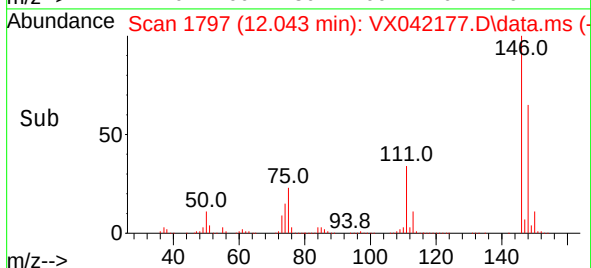
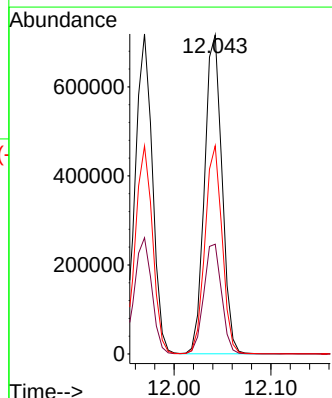
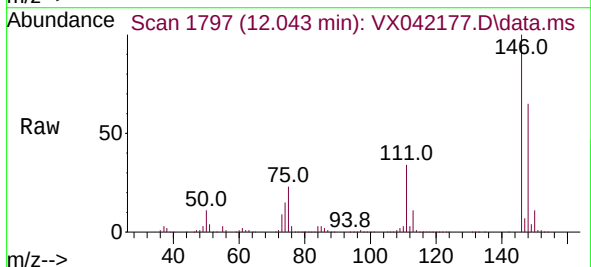
Tgt Ion:146 Resp: 900519

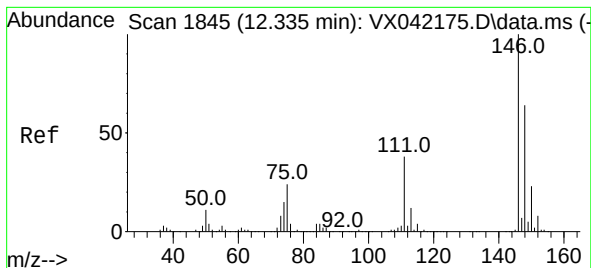
Ion Ratio Lower Upper

146 100

111 34.4 23.9 44.3

148 65.2 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 188.570 ug/L

RT: 12.335 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

ClientSampleId :

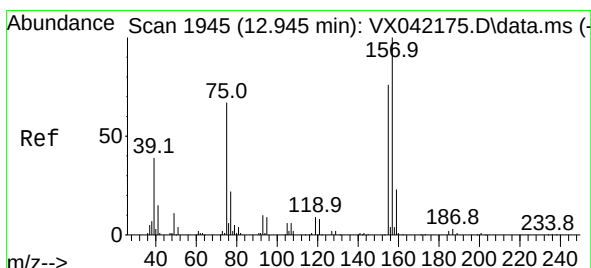
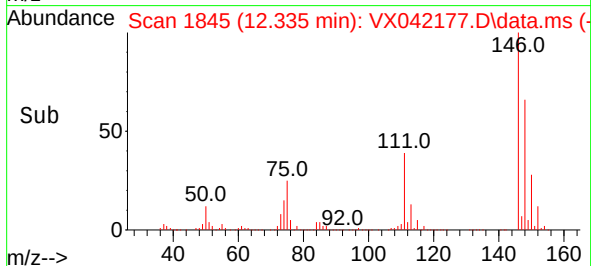
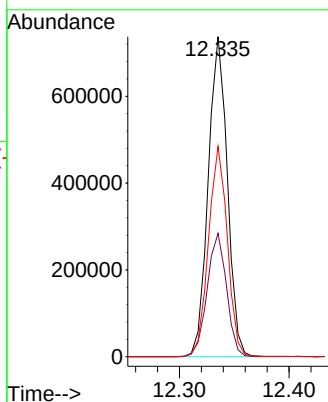
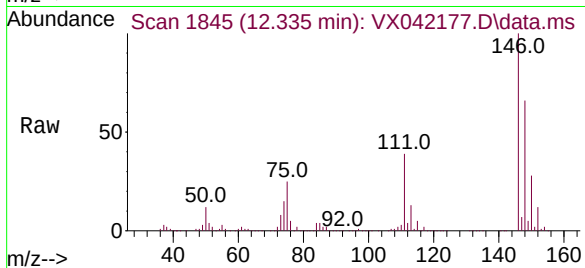
Tgt Ion:146 Resp: 891840

Ion Ratio Lower Upper

146 100

111 38.6 30.2 45.2

148 65.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 202.545 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

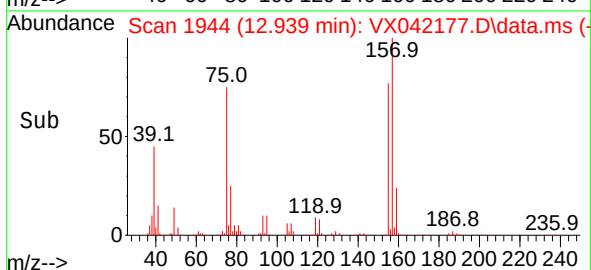
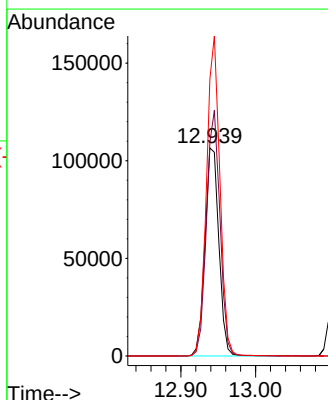
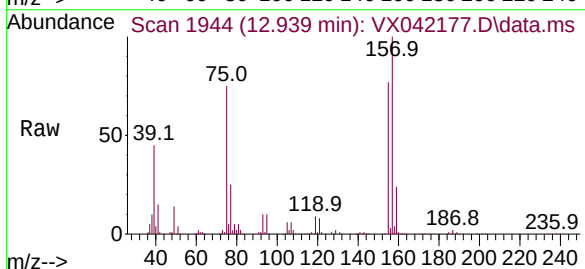
Tgt Ion: 75 Resp: 137853

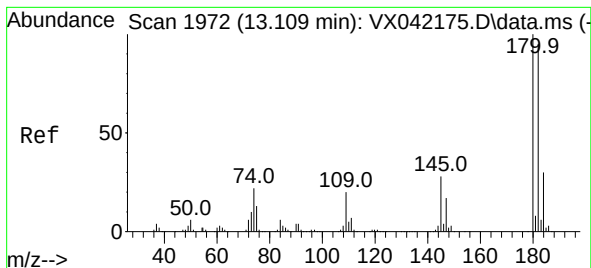
Ion Ratio Lower Upper

75 100

155 102.6 90.4 135.6

157 133.1 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 195.542 ug/L

RT: 13.116 min Scan# 1972

Delta R.T. 0.006 min

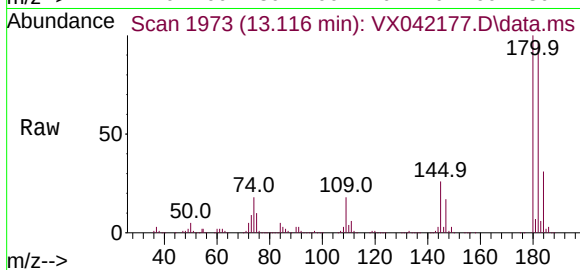
Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 684074

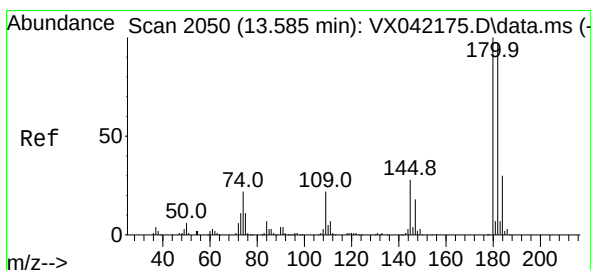
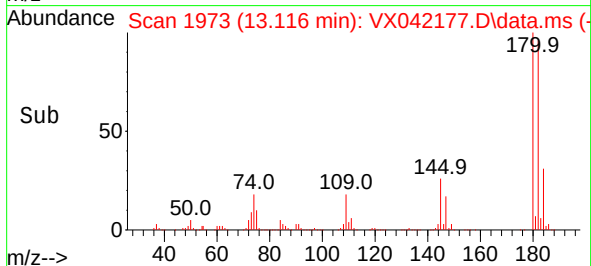
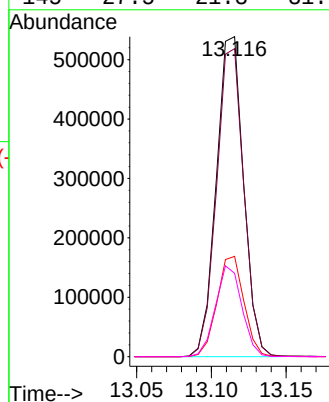
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

184 31.0 24.7 37.1

145 27.5 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 206.939 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042177.D

Acq: 03 Jul 2024 21:02

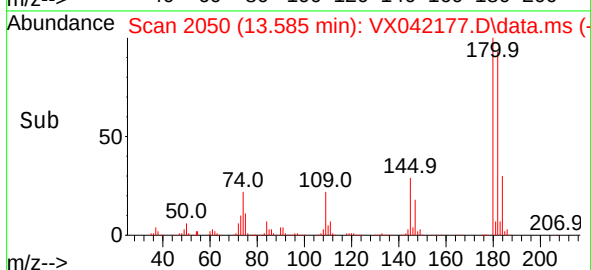
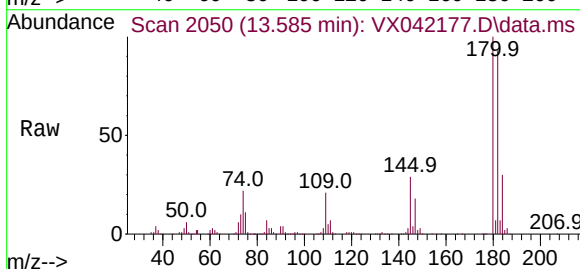
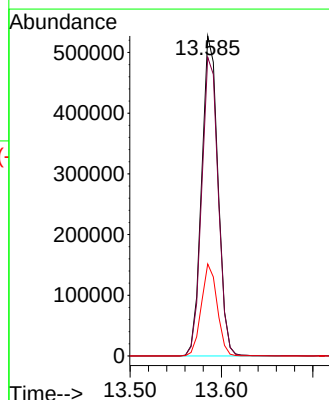
Tgt Ion:180 Resp: 652909

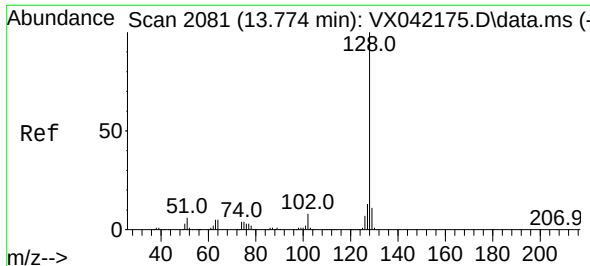
Ion Ratio Lower Upper

180 100

182 94.7 77.8 116.6

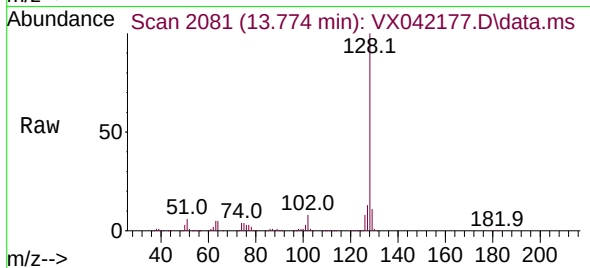
145 27.9 21.8 32.8



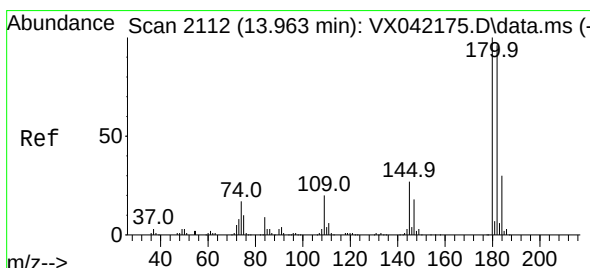
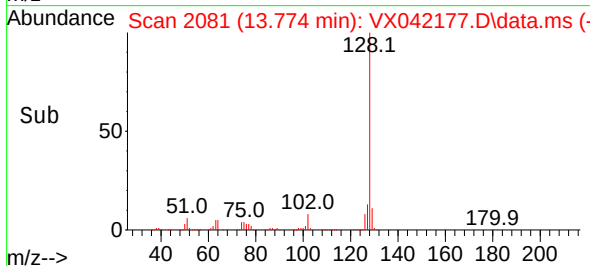
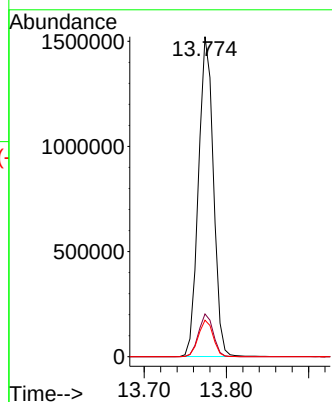


#71
Naphthalene
Concen: 205.806 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1919505
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.3 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 202.272 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042177.D
Acq: 03 Jul 2024 21:02

Tgt Ion:180 Resp: 653047
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 29.4 23.0 34.6

