

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042597.D
 Acq On : 26 Jul 2024 14:06
 Operator : JC/MD
 Sample : VSTD10015
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 00:36:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 00:33:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	179742	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	167324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77018	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	115722	105.973	ug/L	0.00
7) Chloroethane-d5	1.648	69	45721	101.605	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	52202	98.951	ug/L	0.00
21) 2-Butanone-d5	4.465	46	177696	219.556	ug/L	0.00
24) Chloroform-d	5.056	84	262083	109.650	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	165977	107.636	ug/L	0.00
32) Benzene-d6	5.970	84	500970	107.879	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	146950	106.921	ug/L	0.00
41) Toluene-d8	8.647	98	449087	107.859	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	72985	113.477	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	140417	229.260	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	211012	106.633	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	156610	107.595	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	171317	107.882	ug/L	98
3) Chloromethane	1.300	50	135247	102.992	ug/L	100
5) Vinyl chloride	1.374	62	131344	105.218	ug/L	94
6) Bromomethane	1.599	94	40618	103.625	ug/L	94
8) Chloroethane	1.666	64	42148	92.010	ug/L	99
9) Trichlorofluoromethane	1.867	101	153819	87.612	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	135269	106.538	ug/L	99
12) 1,1-Dichloroethene	2.312	96	121290	104.381	ug/L	97
13) Acetone	2.392	43	124609	196.965	ug/L	97
14) Carbon disulfide	2.501	76	323073	113.872	ug/L	100
15) Methyl Acetate	2.709	43	145041	103.427	ug/L	99
16) Methylene chloride	2.782	84	138827	103.453	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	129571	108.657	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	451428	109.218	ug/L	99
19) 1,1-Dichloroethane	3.605	63	242051	106.313	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	147313	108.155	ug/L	97
22) 2-Butanone	4.568	43	205671	213.457	ug/L	96
23) Bromochloromethane	4.897	128	68712	107.490	ug/L	98
25) Chloroform	5.092	83	259909	107.063	ug/L	99
27) 1,2-Dichloroethane	6.086	62	210088	108.963	ug/L	100
29) Cyclohexane	5.464	56	214843	108.612	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	230102	107.661	ug/L	99
31) Carbon tetrachloride	5.672	117	194940	107.984	ug/L	99
33) Benzene	6.037	78	540907	105.633	ug/L	100
34) Trichloroethene	7.123	95	145411	106.290	ug/L	97
35) Methylcyclohexane	7.379	83	227587	109.914	ug/L	98
37) 1,2-Dichloropropane	7.427	63	139412	104.757	ug/L	100
38) Bromodichloromethane	7.824	83	186738	108.566	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	229382	112.290	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	394997	215.730	ug/L	98
42) Toluene	8.720	91	562890	106.728	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	210048	114.329	ug/L	99

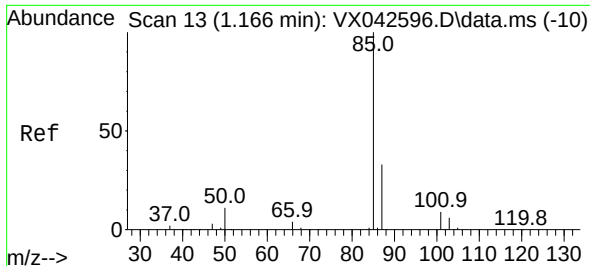
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
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 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 00:33:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	139156	103.529	ug/L	95
46) Tetrachloroethene	9.275	164	98214	105.268	ug/L	97
48) 2-Hexanone	9.433	43	307310	215.807	ug/L	98
49) Dibromochloromethane	9.518	129	139647	111.261	ug/L	97
50) 1,2-Dibromoethane	9.610	107	150684	107.789	ug/L #	99
51) Chlorobenzene	10.079	112	359936	105.535	ug/L	98
52) Ethylbenzene	10.195	91	628539	108.655	ug/L	99
53) m,p-Xylene	10.299	106	238237	109.323	ug/L	98
54) o-Xylene	10.640	106	238467	110.003	ug/L	97
55) Styrene	10.652	104	398166	110.184	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	226804	105.517	ug/L	97
59) Bromoform	10.799	173	95714	110.740	ug/L	99
60) Isopropylbenzene	10.963	105	613851	105.482	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	178886	100.396	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	520905	107.626	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	527244	110.325	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	261632	104.533	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	264968	105.108	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	263931	104.723	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	52280	110.136	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	170931	110.108	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	155340	114.106	ug/L	98
71) Naphthalene	13.774	128	597982	113.869	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	158364	112.300	ug/L	99

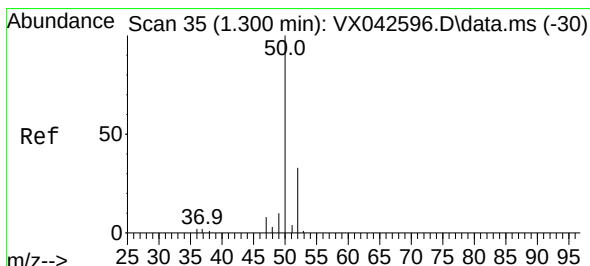
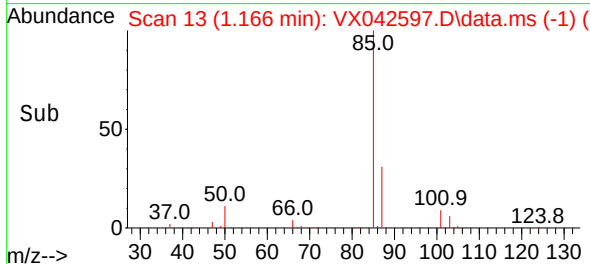
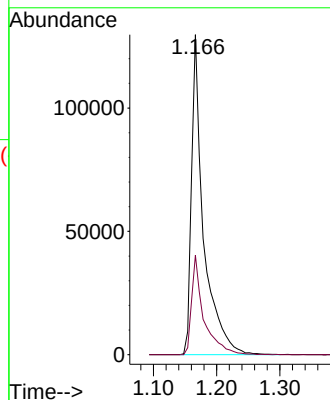
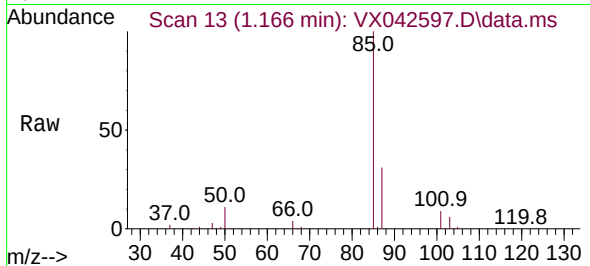
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 107.882 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX042597.D
 Acq: 26 Jul 2024 14:06

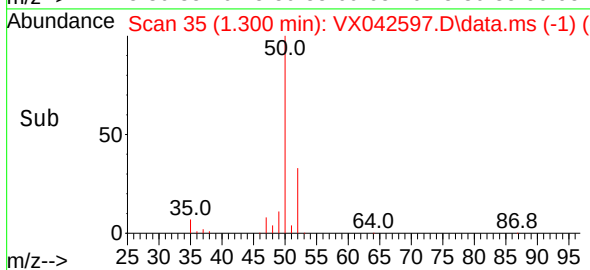
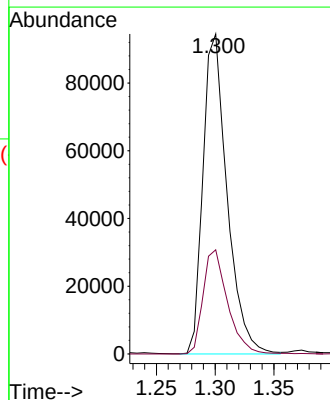
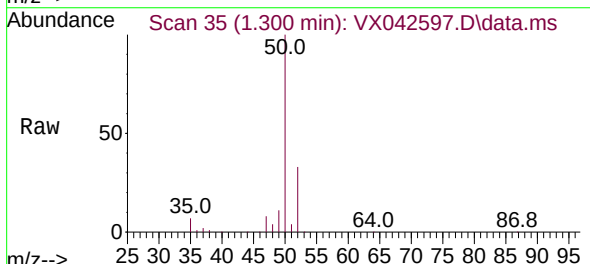
Instrument :
 MSVOA_X
 ClientSampleId :

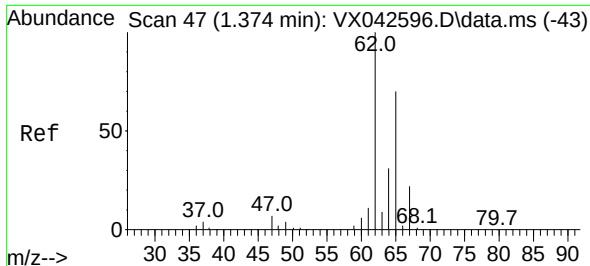
Tgt Ion: 85 Resp: 171317
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.8 38.8



#3
 Chloromethane
 Concen: 102.992 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX042597.D
 Acq: 26 Jul 2024 14:06

Tgt Ion: 50 Resp: 135247
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.6

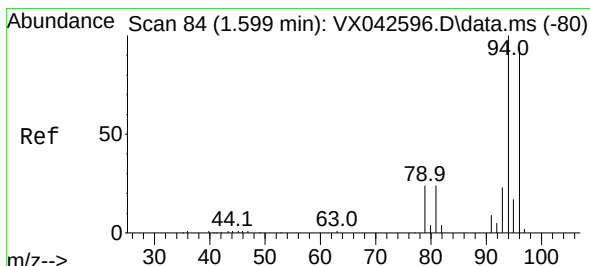
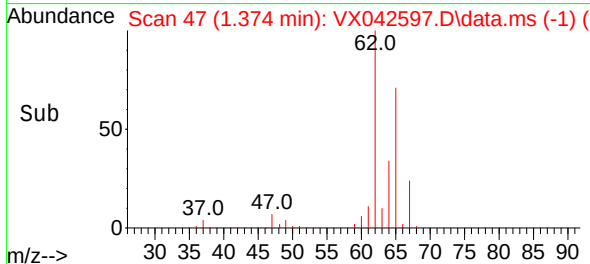
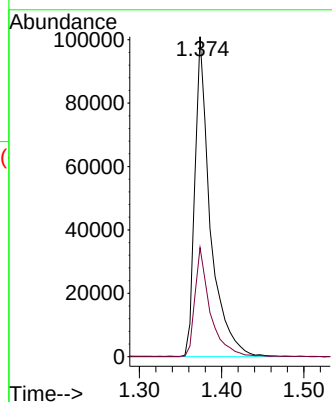
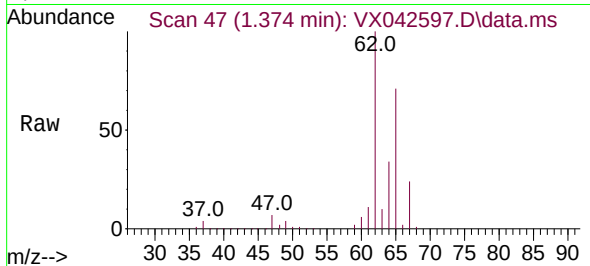




#5
 Vinyl chloride
 Concen: 105.218 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX042597.D
 Acq: 26 Jul 2024 14:06

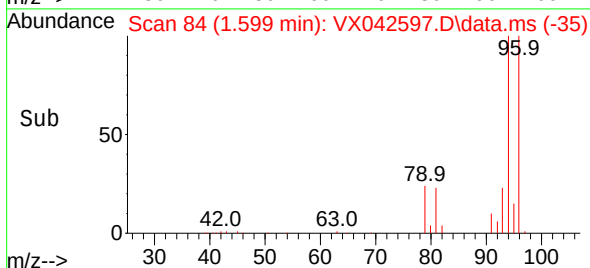
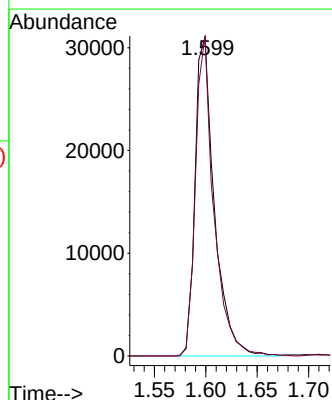
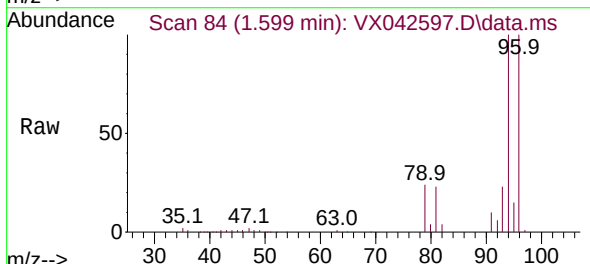
Instrument :
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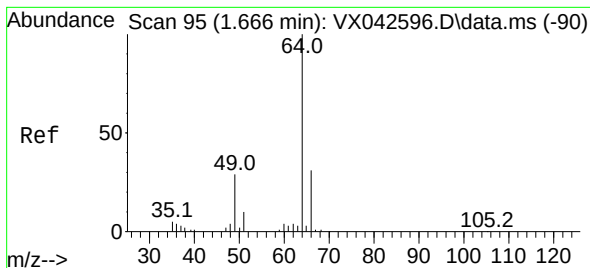
Tgt Ion: 62 Resp: 131344
 Ion Ratio Lower Upper
 62 100
 64 34.1 21.6 40.0



#6
 Bromomethane
 Concen: 103.625 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX042597.D
 Acq: 26 Jul 2024 14:06

Tgt Ion: 94 Resp: 40618
 Ion Ratio Lower Upper
 94 100
 96 100.3 66.1 122.7





#8

Chloroethane

Concen: 92.010 ug/L

RT: 1.666 min Scan# 90

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

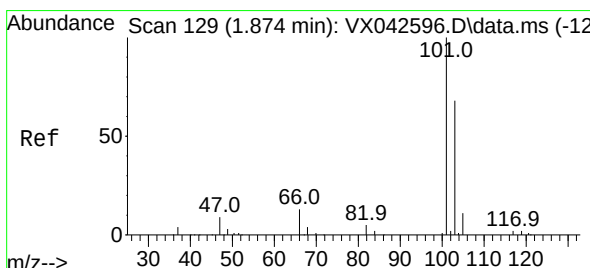
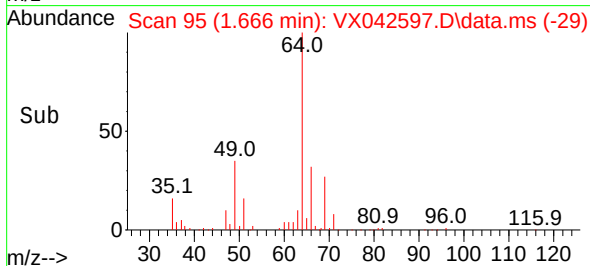
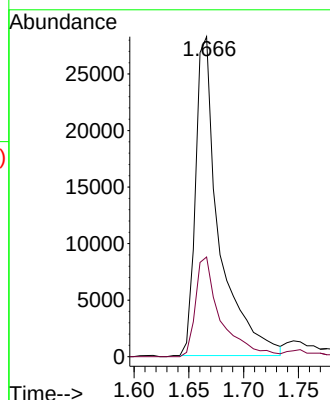
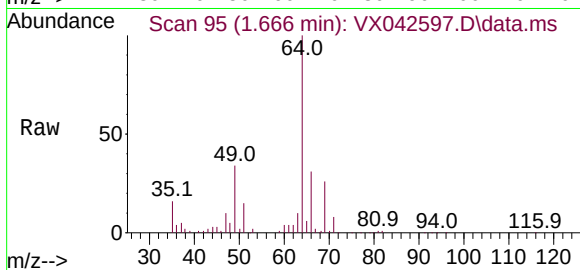
ClientSampleId :

Tgt Ion: 64 Resp: 42148

Ion Ratio Lower Upper

64 100

66 31.2 21.4 39.8



#9

Trichlorofluoromethane

Concen: 87.612 ug/L

RT: 1.867 min Scan# 128

Delta R.T. -0.006 min

Lab File: VX042597.D

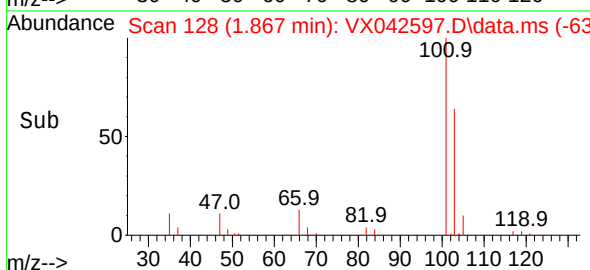
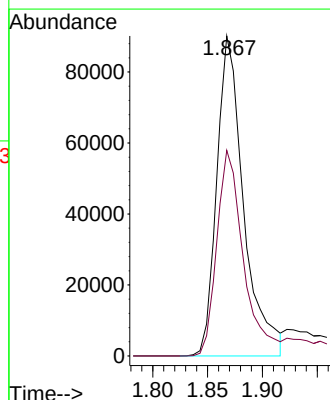
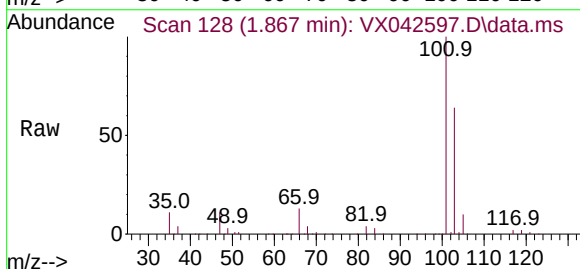
Acq: 26 Jul 2024 14:06

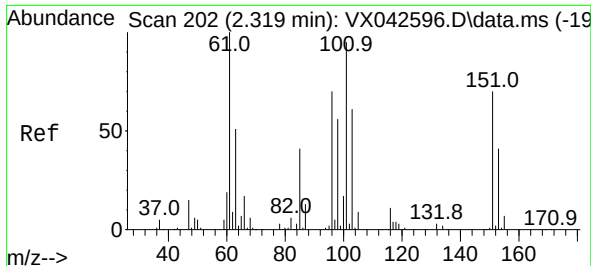
Tgt Ion:101 Resp: 153819

Ion Ratio Lower Upper

101 100

103 63.9 45.2 67.8

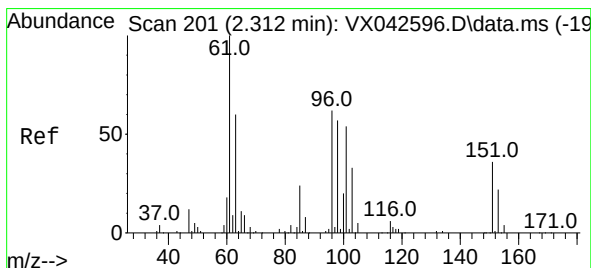
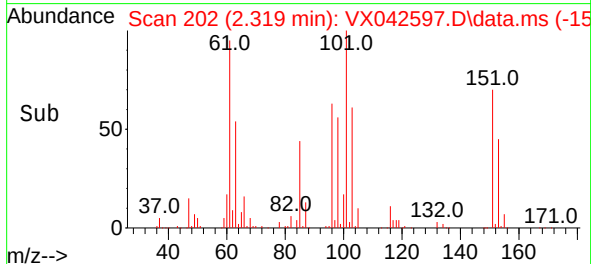
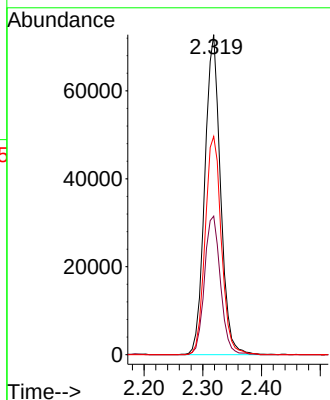
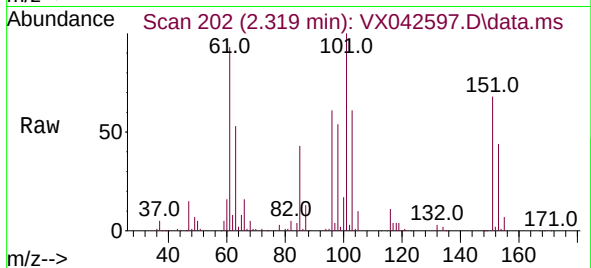




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 106.538 ug/L
 RT: 2.319 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX042597.D
 Acq: 26 Jul 2024 14:06

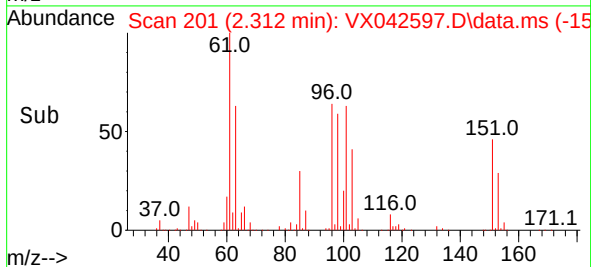
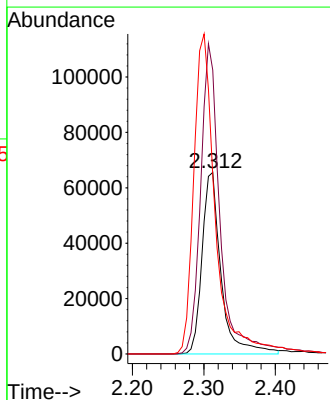
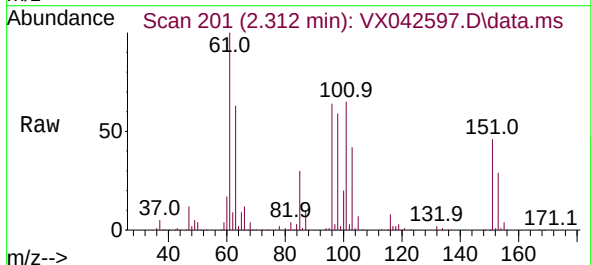
Instrument :
 MSVOA_X
 ClientSampleId :

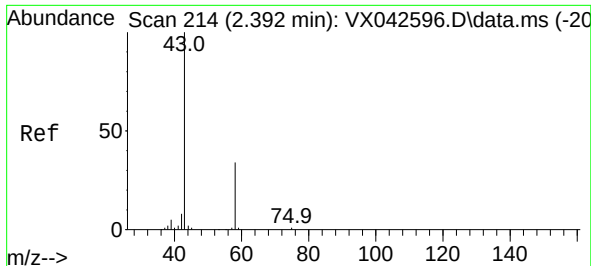
Tgt Ion:101 Resp: 135269
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.4 51.6
 151 70.3 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 104.381 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX042597.D
 Acq: 26 Jul 2024 14:06

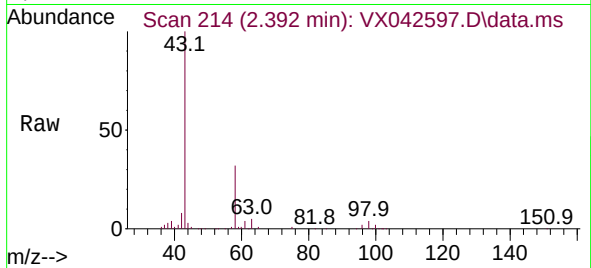
Tgt Ion: 96 Resp: 121290
 Ion Ratio Lower Upper
 96 100
 61 156.3 113.0 209.9
 63 98.4 70.5 130.9



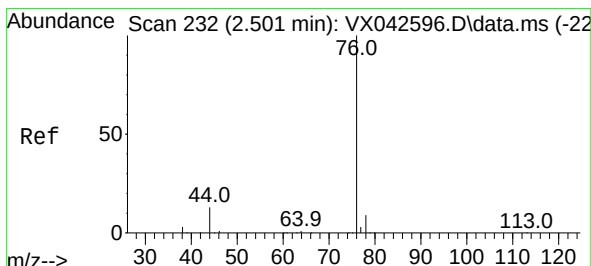
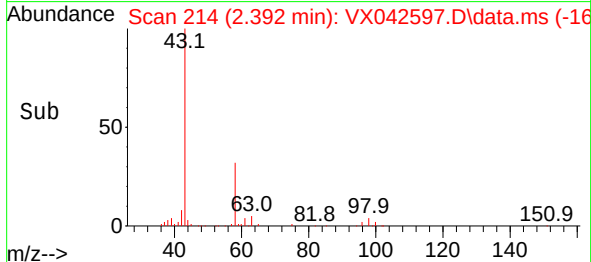
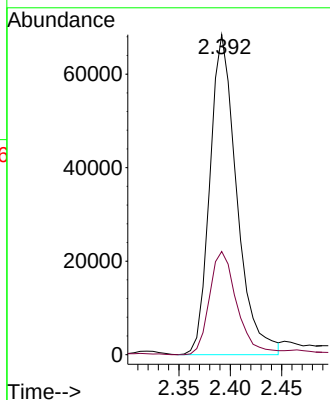


#13
Acetone
Concen: 196.965 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :

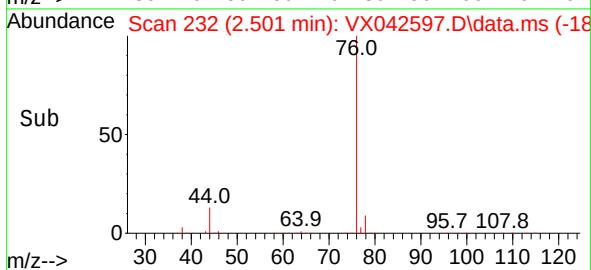
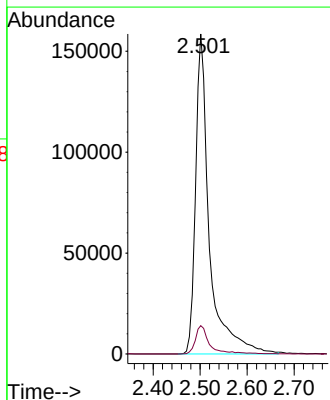
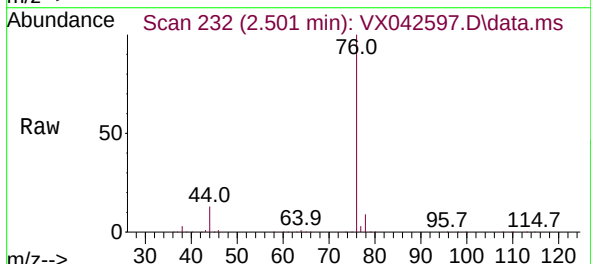


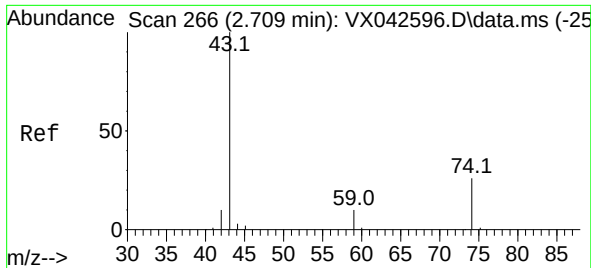
Tgt Ion: 43 Resp: 124609
Ion Ratio Lower Upper
43 100
58 33.1 0.0 62.4



#14
Carbon disulfide
Concen: 113.872 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

Tgt Ion: 76 Resp: 323073
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

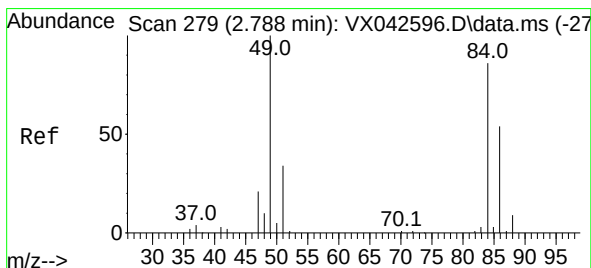
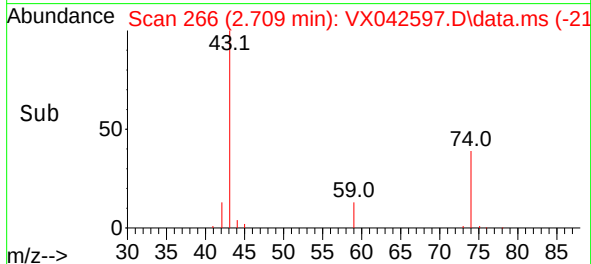
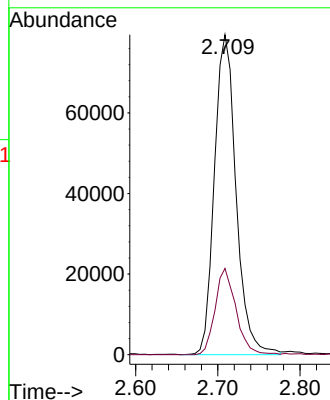
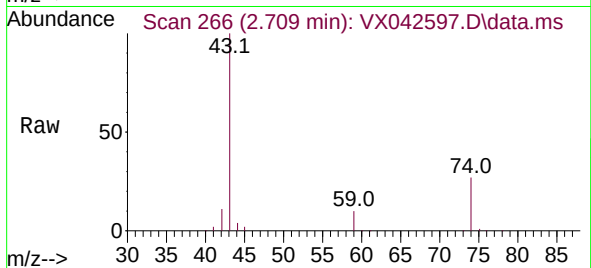




#15
Methyl Acetate
Concen: 103.427 ug/L
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

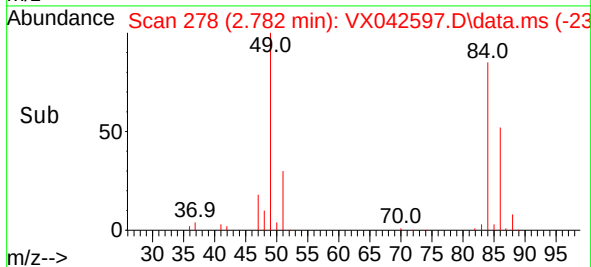
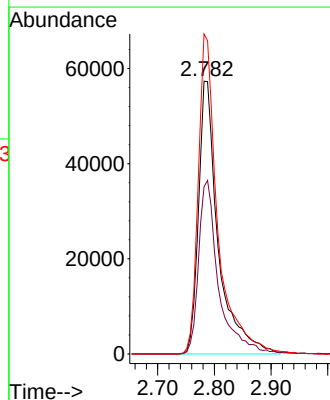
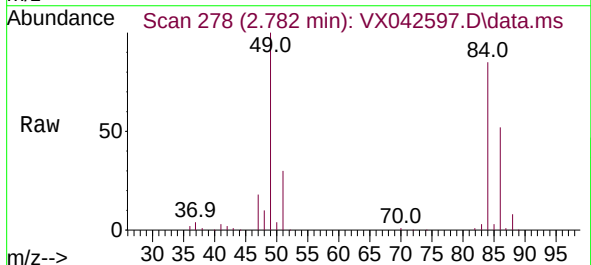
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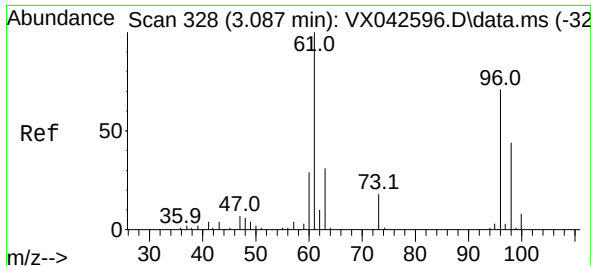
Tgt Ion: 43 Resp: 145041
Ion Ratio Lower Upper
43 100
74 25.9 21.0 31.4



#16
Methylene chloride
Concen: 103.453 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

Tgt Ion: 84 Resp: 138827
Ion Ratio Lower Upper
84 100
86 61.3 43.5 80.7
49 117.3 81.1 150.7





#17

trans-1,2-Dichloroethene

Concen: 108.657 ug/L

RT: 3.087 min Scan# 328

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

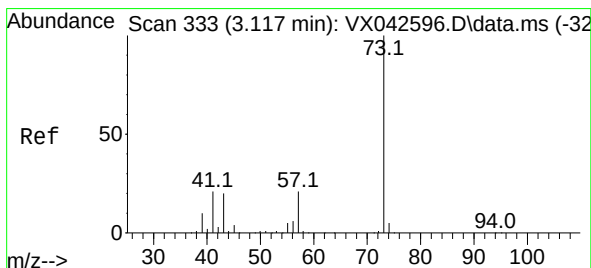
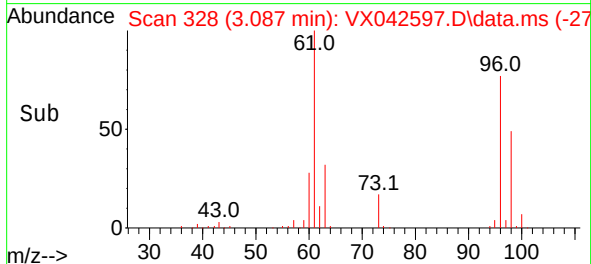
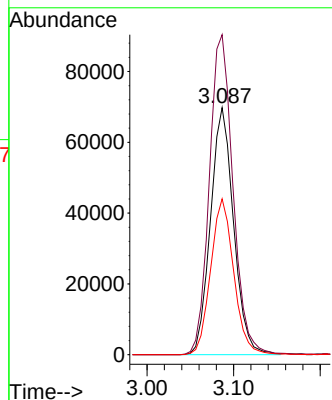
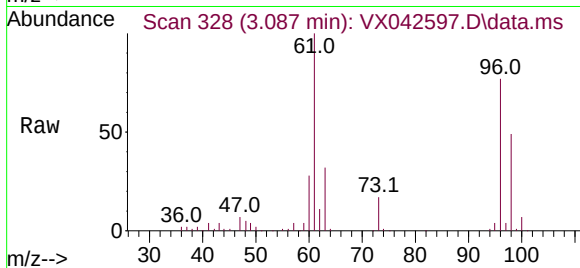
Tgt Ion: 96 Resp: 129571

Ion Ratio Lower Upper

96 100

61 129.5 99.3 184.3

98 63.0 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 109.218 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

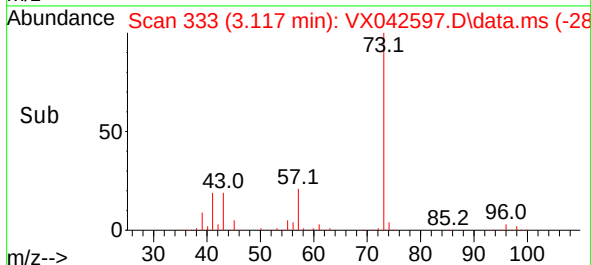
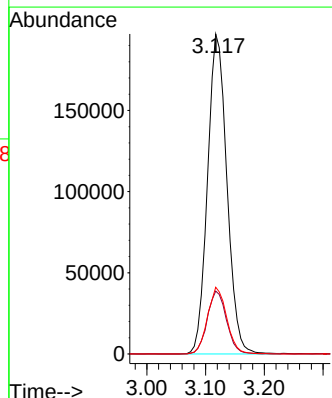
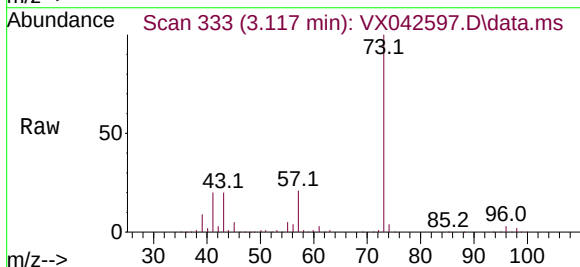
Tgt Ion: 73 Resp: 451428

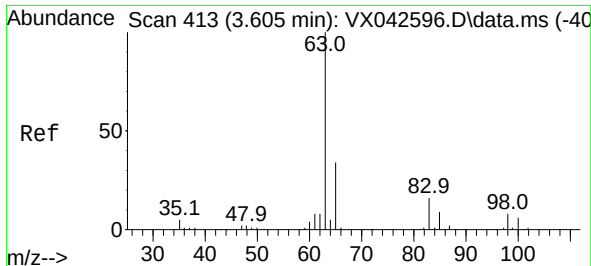
Ion Ratio Lower Upper

73 100

43 19.5 15.4 23.2

57 20.6 16.9 25.3





#19

1,1-Dichloroethane

Concen: 106.313 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

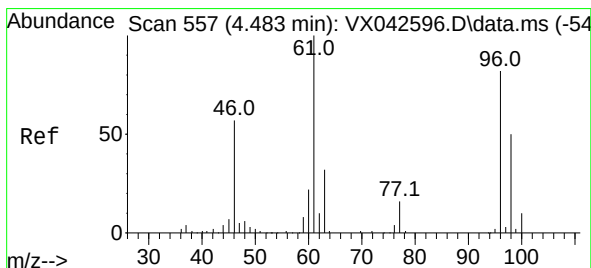
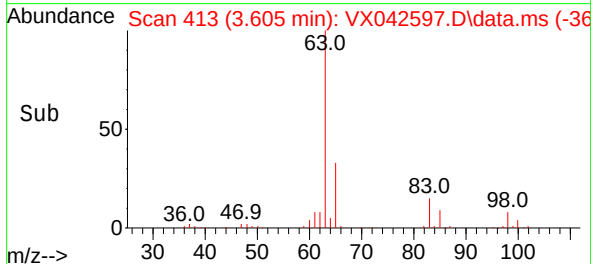
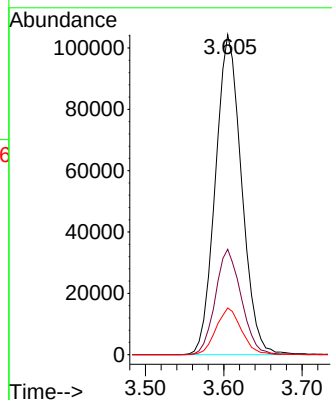
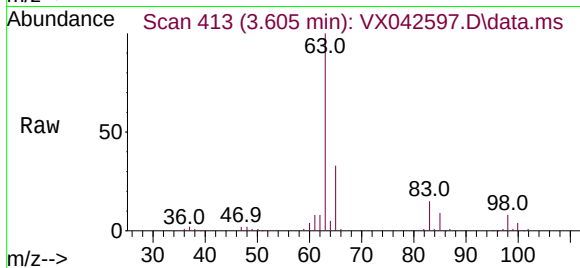
Tgt Ion: 63 Resp: 242051

Ion Ratio Lower Upper

63 100

65 33.0 23.6 43.8

83 14.6 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 108.155 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

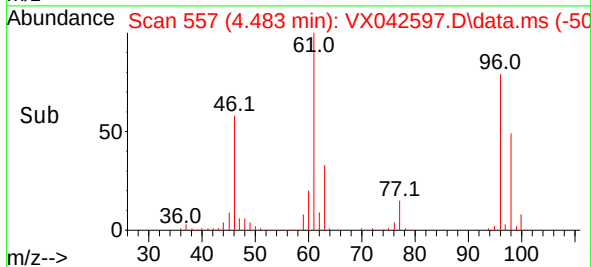
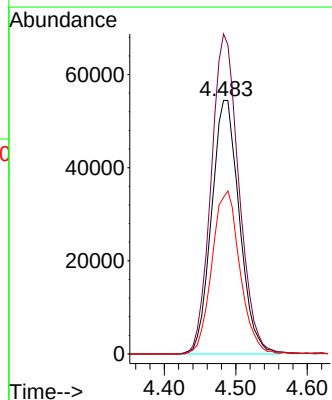
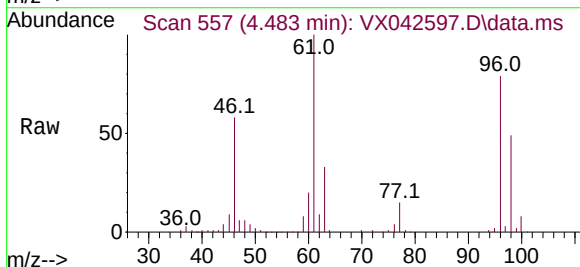
Tgt Ion: 96 Resp: 147313

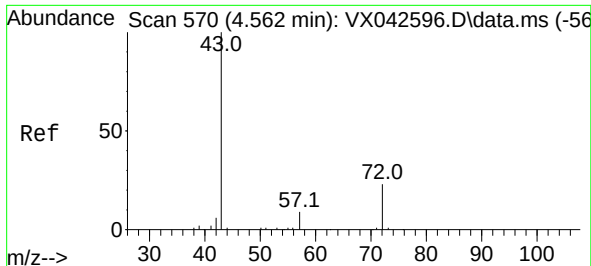
Ion Ratio Lower Upper

96 100

61 126.2 85.3 158.3

98 61.8 42.7 79.3

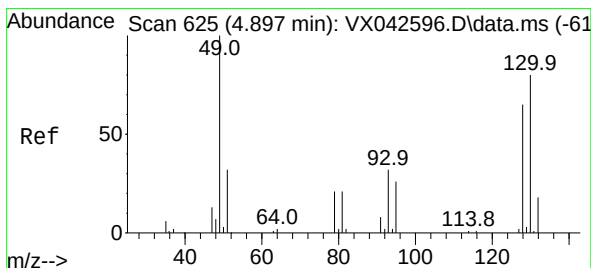
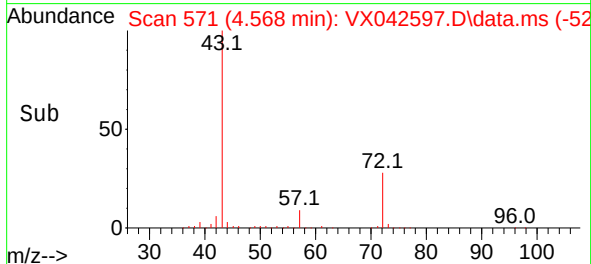
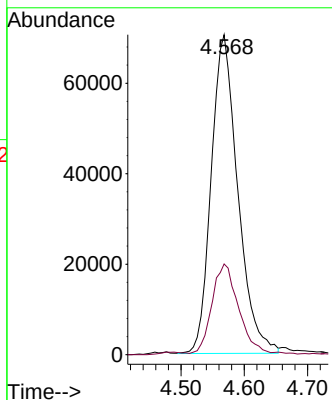
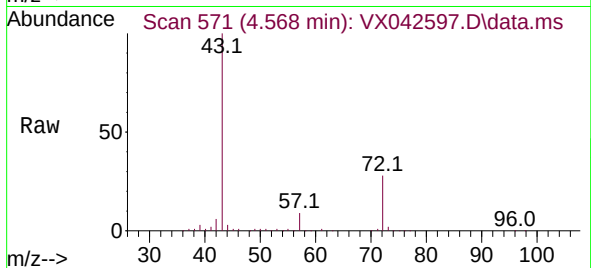




#22
2-Butanone
Concen: 213.457 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

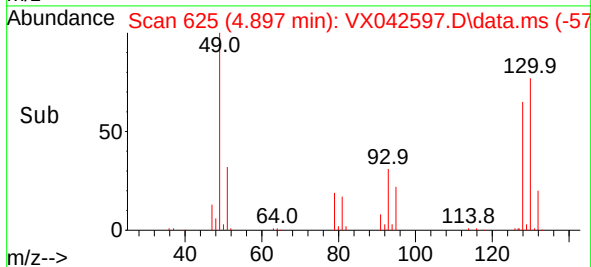
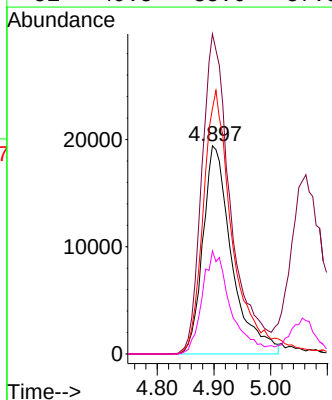
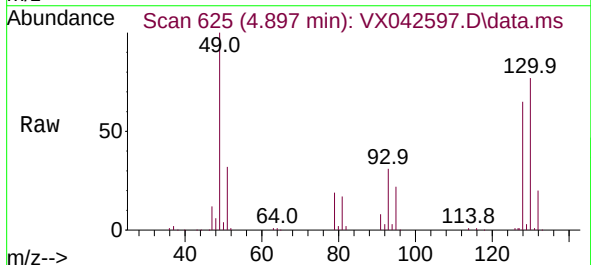
Instrument :
MSVOA_X
ClientSampleId :

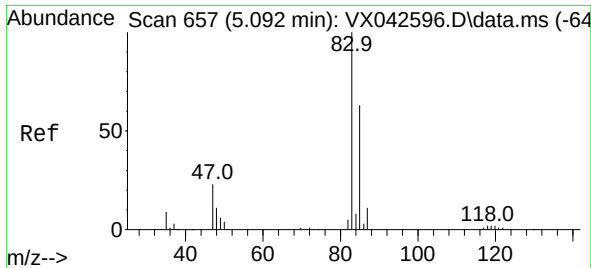
Tgt Ion: 43 Resp: 205671
Ion Ratio Lower Upper
43 100
72 28.6 13.4 40.2



#23
Bromochloromethane
Concen: 107.490 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

Tgt Ion:128 Resp: 68712
Ion Ratio Lower Upper
128 100
49 153.8 107.0 198.6
130 117.8 85.5 158.9
51 49.5 38.6 57.8





#25

Chloroform

Concen: 107.063 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

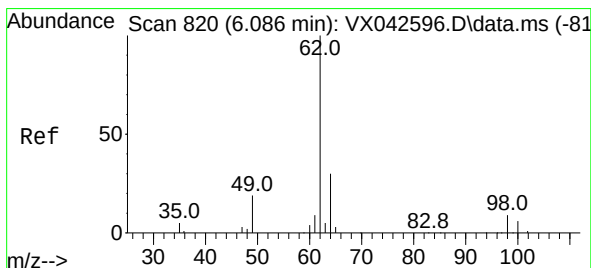
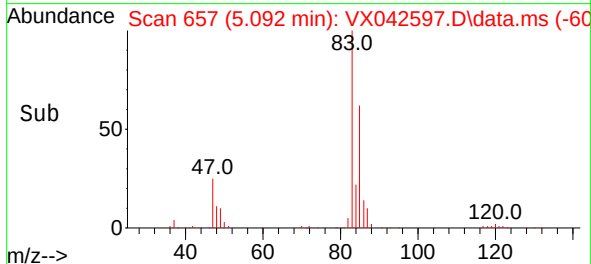
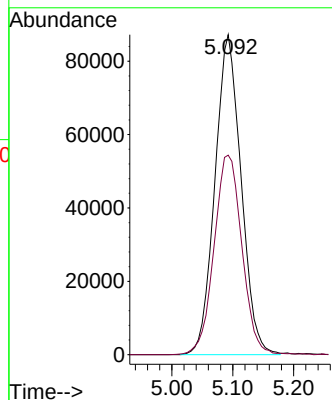
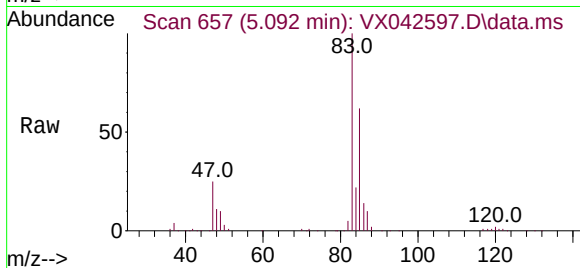
ClientSampleId :

Tgt Ion: 83 Resp: 259909

Ion Ratio Lower Upper

83 100

85 62.4 44.3 82.3



#27

1,2-Dichloroethane

Concen: 108.963 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX042597.D

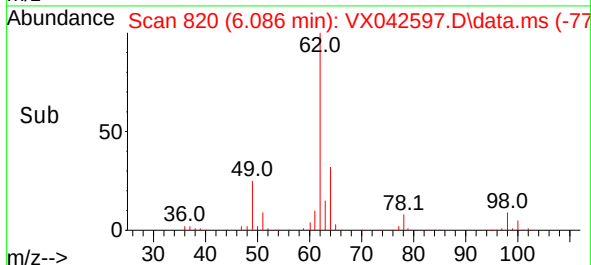
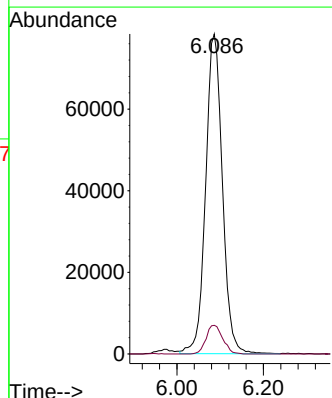
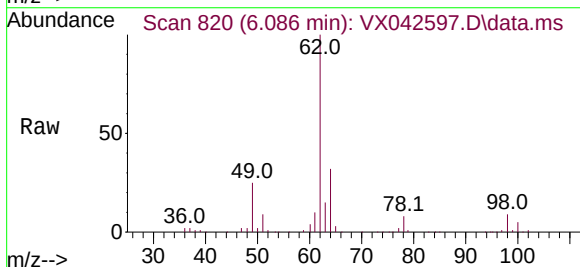
Acq: 26 Jul 2024 14:06

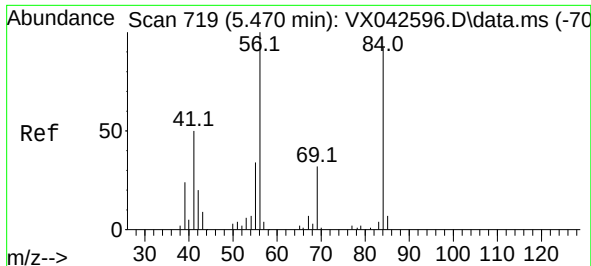
Tgt Ion: 62 Resp: 210088

Ion Ratio Lower Upper

62 100

98 9.0 7.1 10.7





#29

Cyclohexane

Concen: 108.612 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

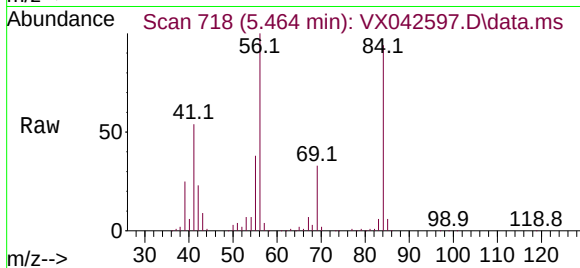
Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :



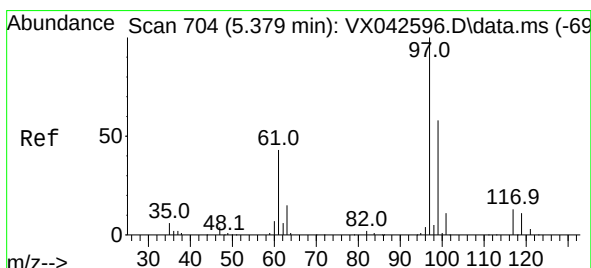
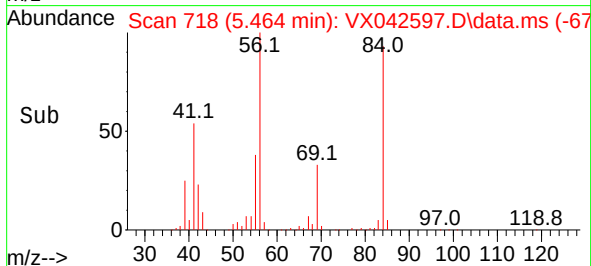
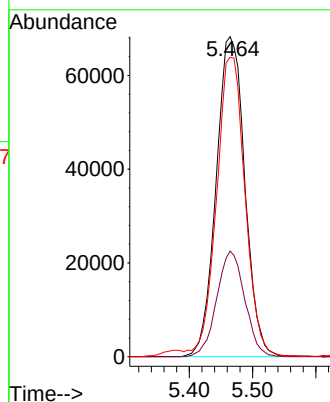
Tgt Ion: 56 Resp: 214843

Ion Ratio Lower Upper

56 100

69 32.2 26.1 39.1

84 92.3 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 107.661 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

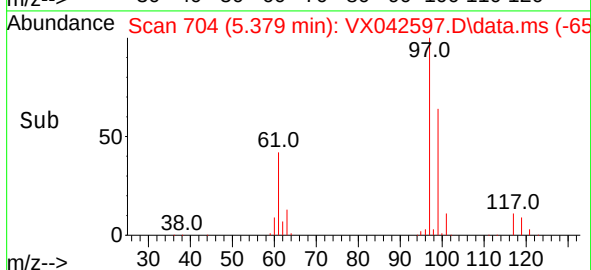
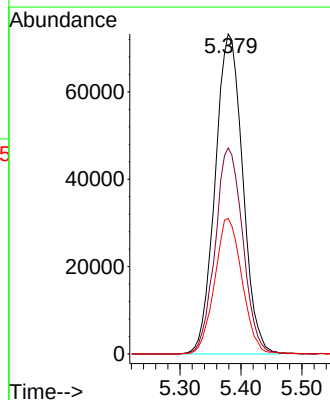
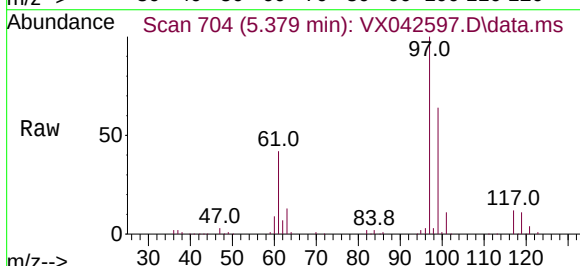
Tgt Ion: 97 Resp: 230102

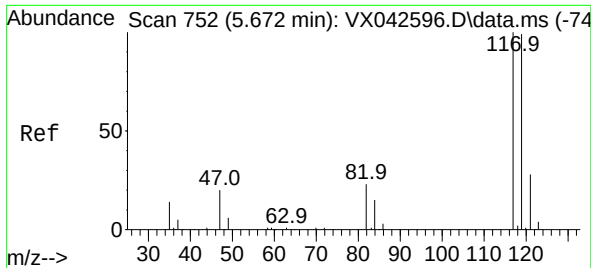
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 42.0 34.4 51.6

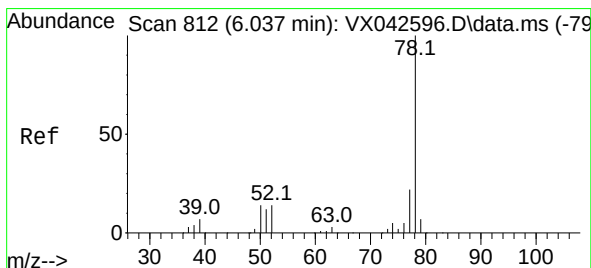
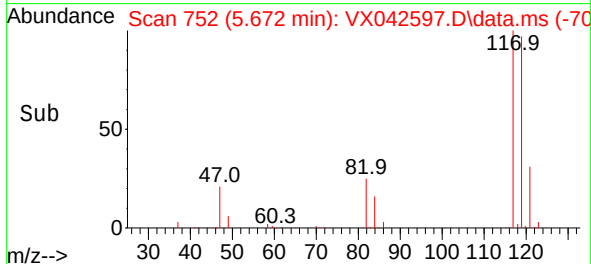
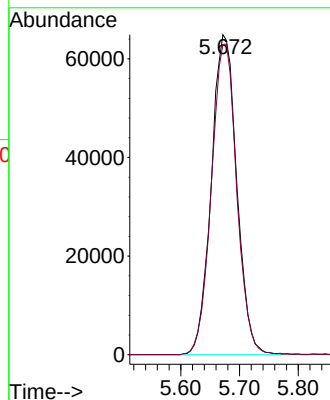
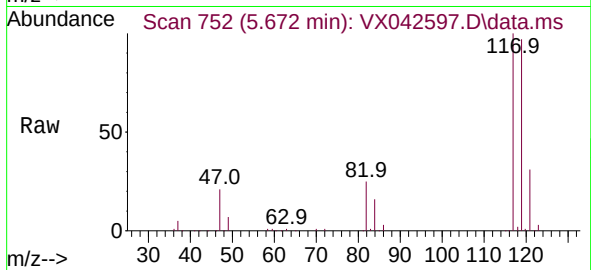




#31
Carbon tetrachloride
Concen: 107.984 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

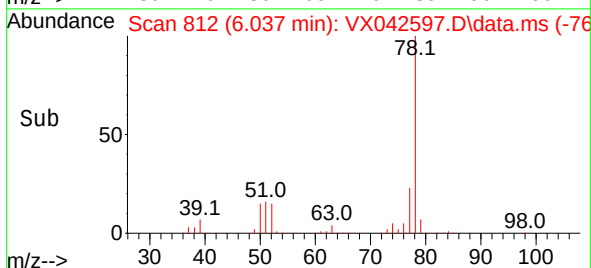
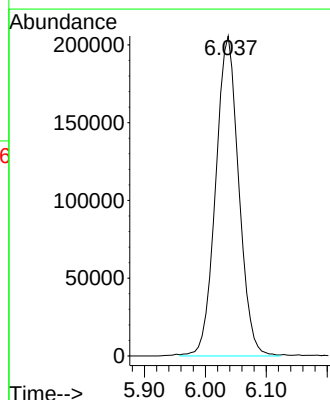
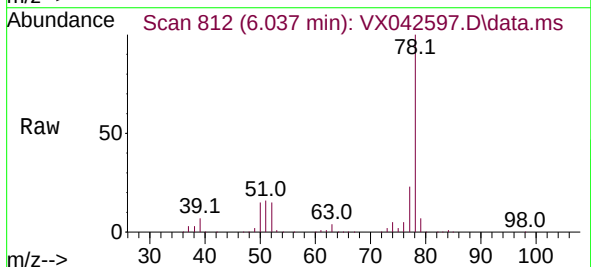
Instrument :
MSVOA_X
ClientSampleId :

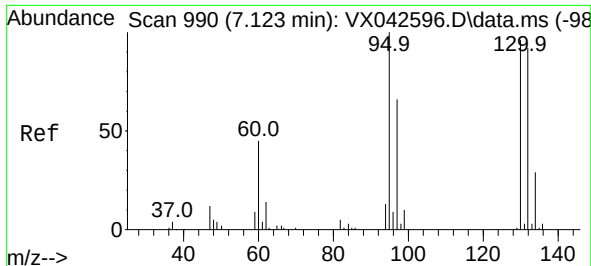
Tgt Ion:117 Resp: 194940
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.2



#33
Benzene
Concen: 105.633 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

Tgt Ion: 78 Resp: 540907





#34

Trichloroethene

Concen: 106.290 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

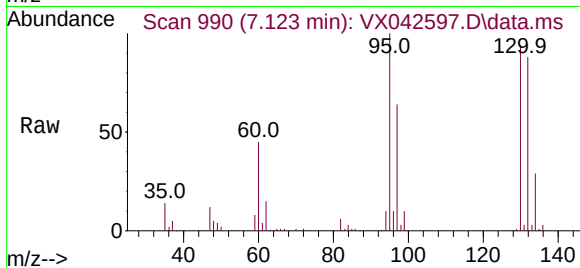
Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 145411

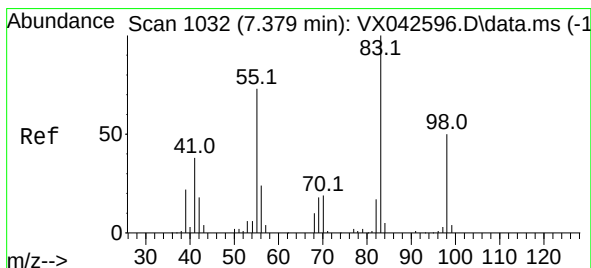
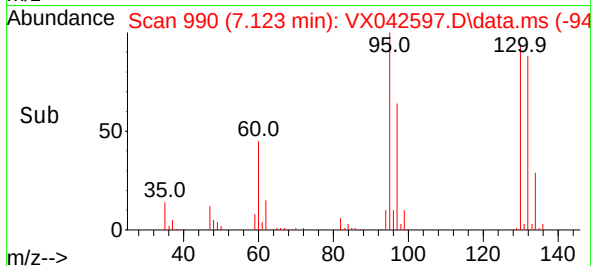
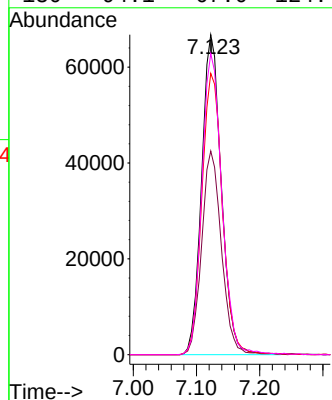
Ion Ratio Lower Upper

95 100

97 63.7 46.3 86.1

132 87.9 64.3 119.5

130 94.1 67.0 124.4



#35

Methylcyclohexane

Concen: 109.914 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

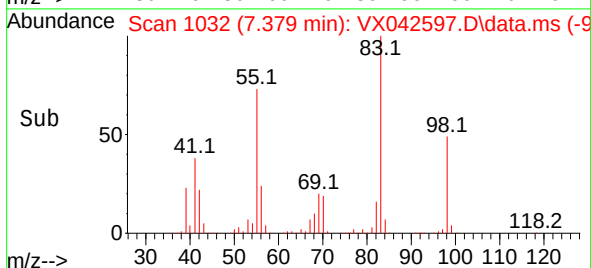
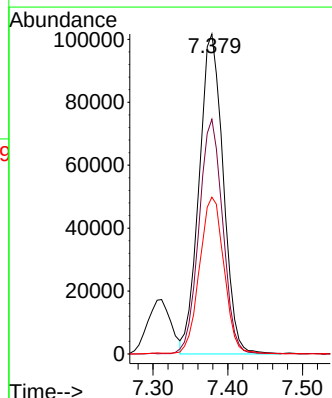
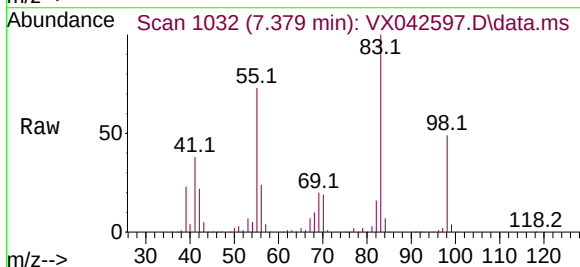
Tgt Ion: 83 Resp: 227587

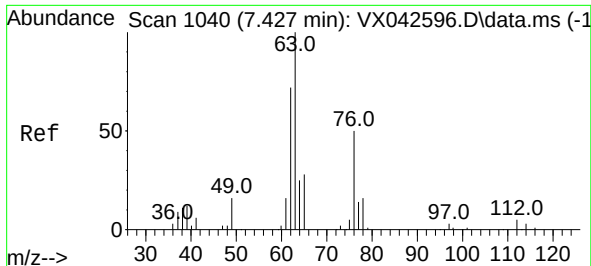
Ion Ratio Lower Upper

83 100

55 71.9 58.2 87.2

98 49.9 38.5 57.7





#37

1,2-Dichloropropane

Concen: 104.757 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

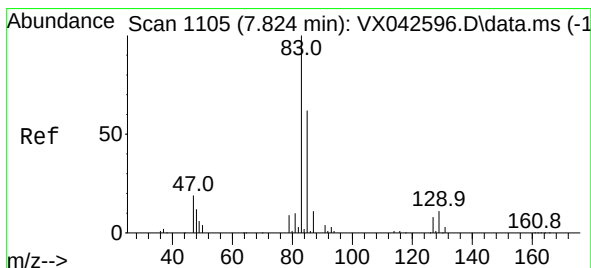
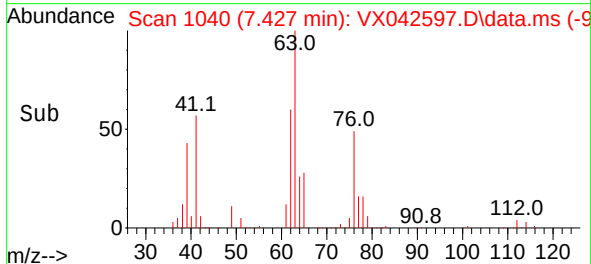
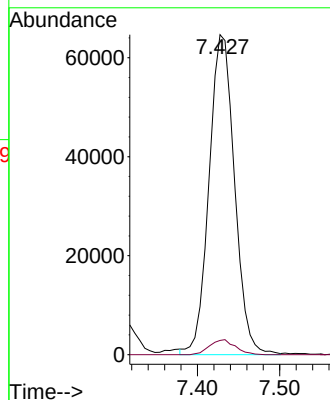
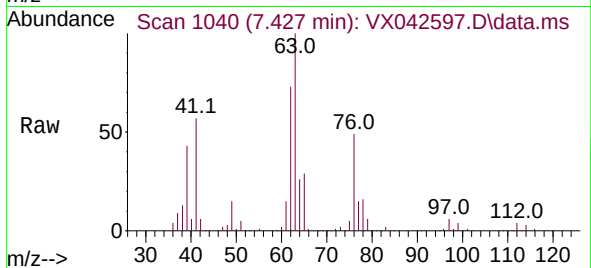
ClientSampleId :

Tgt Ion: 63 Resp: 139412

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 108.566 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

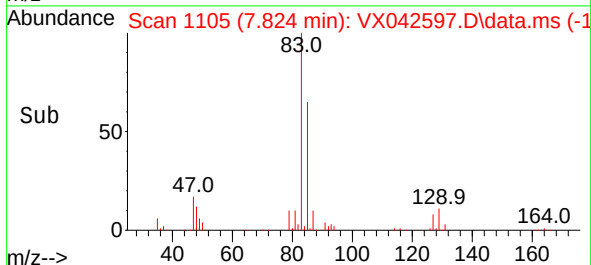
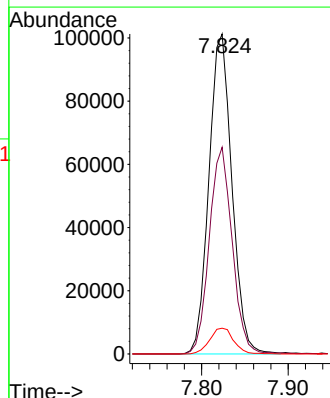
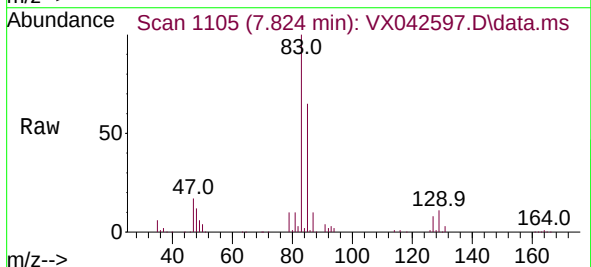
Tgt Ion: 83 Resp: 186738

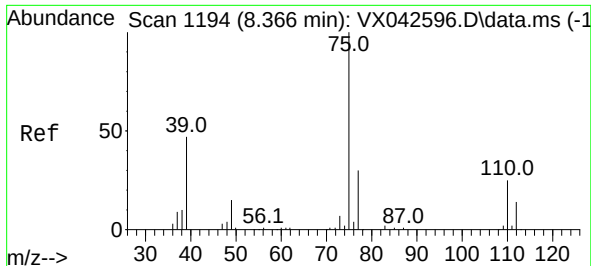
Ion Ratio Lower Upper

83 100

85 64.6 43.7 81.1

127 8.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 112.290 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

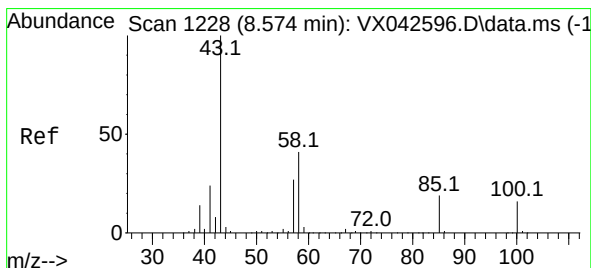
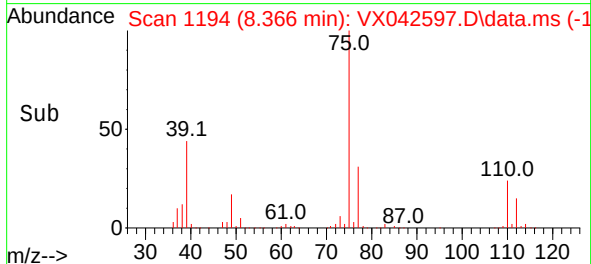
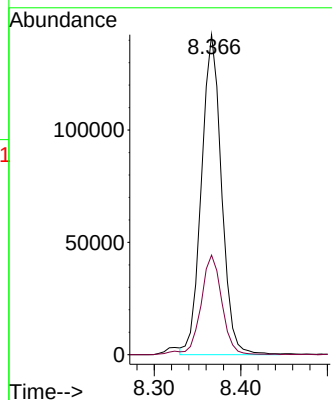
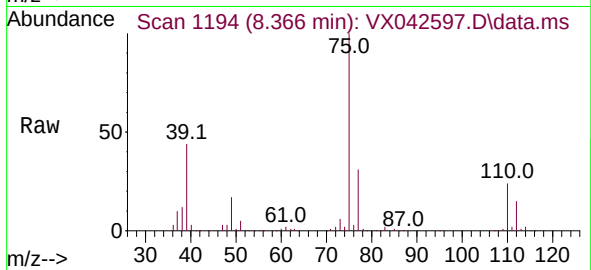
ClientSampleId :

Tgt Ion: 75 Resp: 229382

Ion Ratio Lower Upper

75 100

77 31.1 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 215.730 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

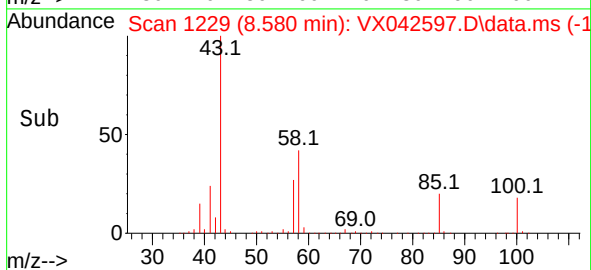
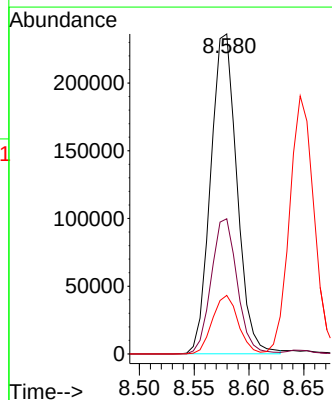
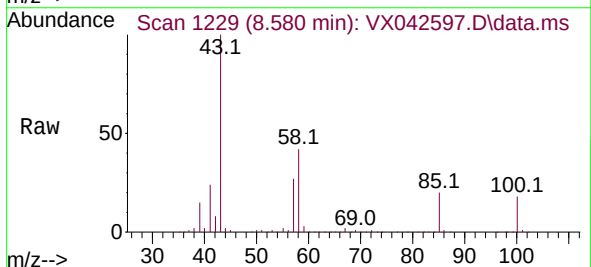
Tgt Ion: 43 Resp: 394997

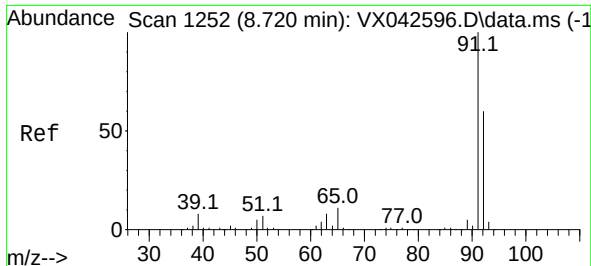
Ion Ratio Lower Upper

43 100

58 41.7 32.4 48.6

100 17.9 13.4 20.0





#42

Toluene

Concen: 106.728 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

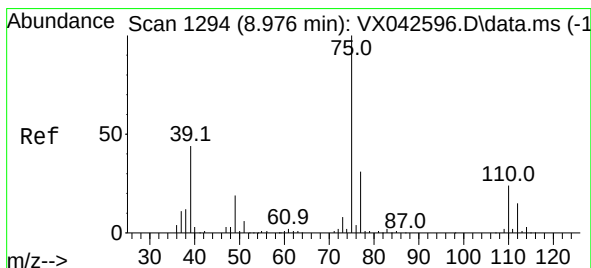
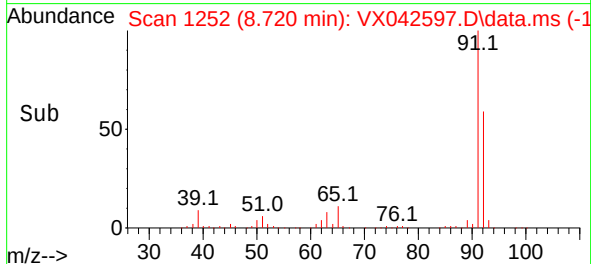
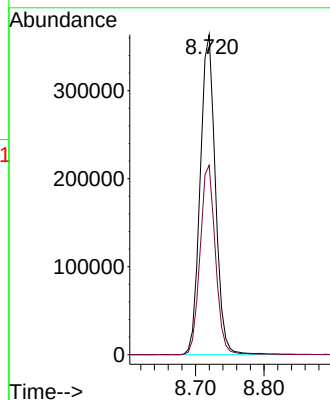
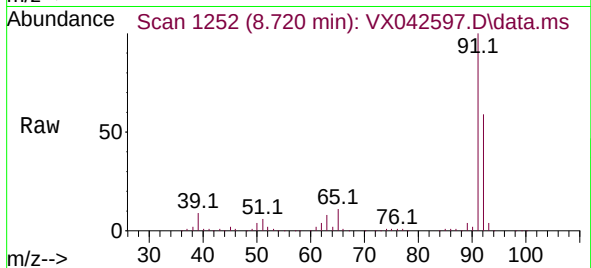
ClientSampleId :

Tgt Ion: 91 Resp: 562890

Ion Ratio Lower Upper

91 100

92 59.2 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 114.329 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042597.D

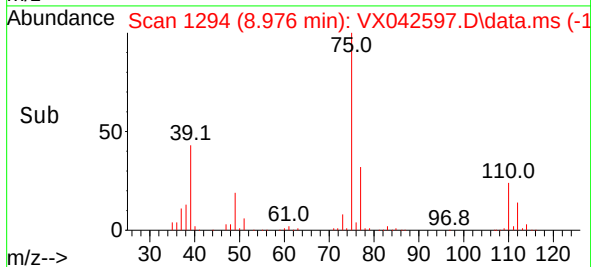
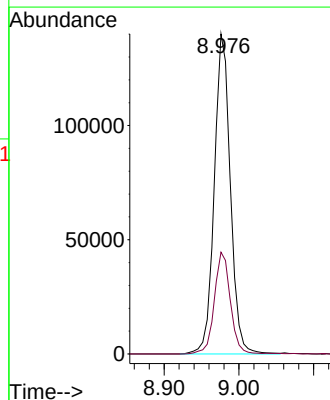
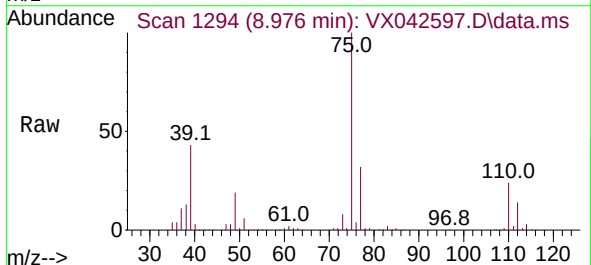
Acq: 26 Jul 2024 14:06

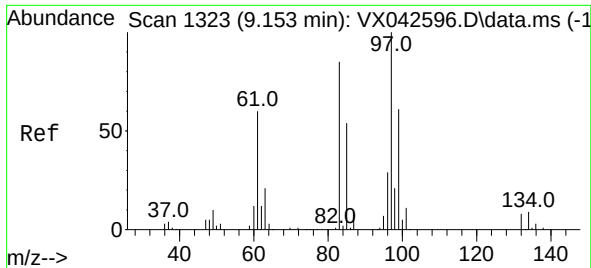
Tgt Ion: 75 Resp: 210048

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 103.529 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 139156

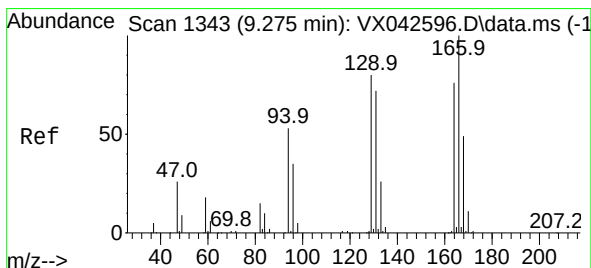
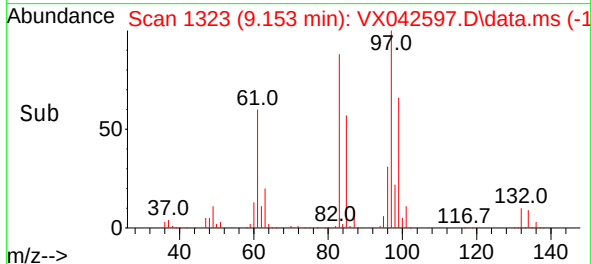
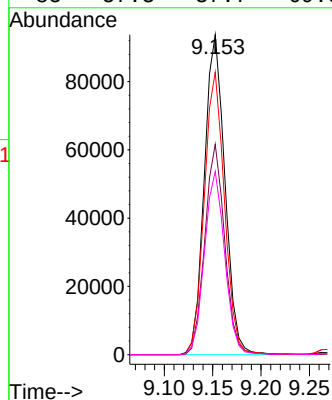
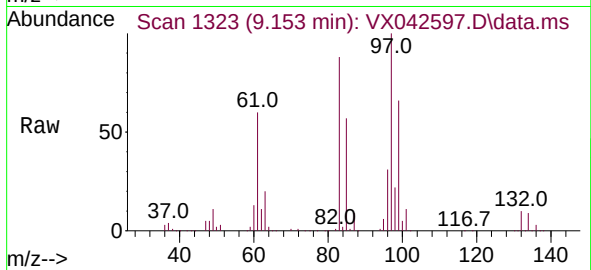
Ion Ratio Lower Upper

97 100

99 65.8 42.6 79.2

83 88.3 59.3 110.1

85 57.3 37.7 69.9



#46

Tetrachloroethene

Concen: 105.268 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Tgt Ion:164 Resp: 98214

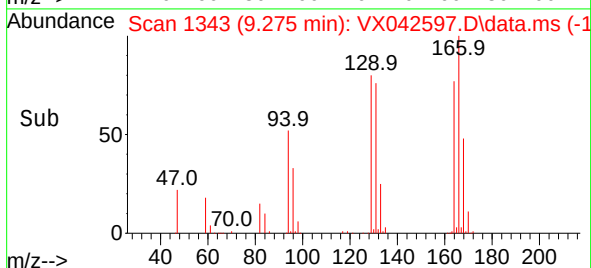
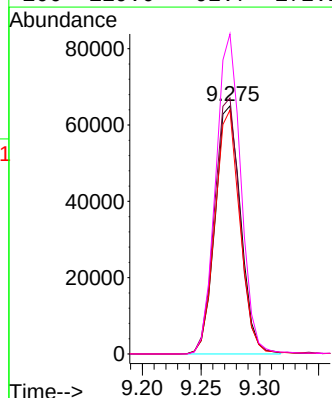
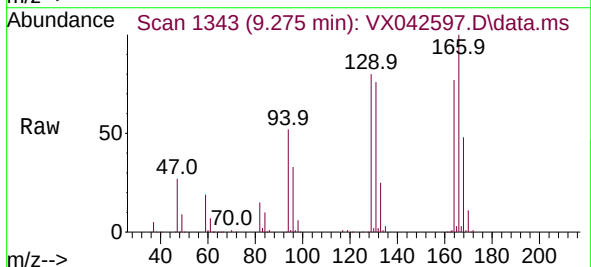
Ion Ratio Lower Upper

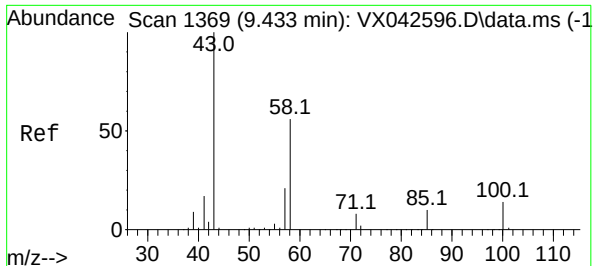
164 100

129 103.2 74.2 137.8

131 98.4 66.9 124.3

166 129.0 92.7 172.1





#48

2-Hexanone

Concen: 215.807 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 307310

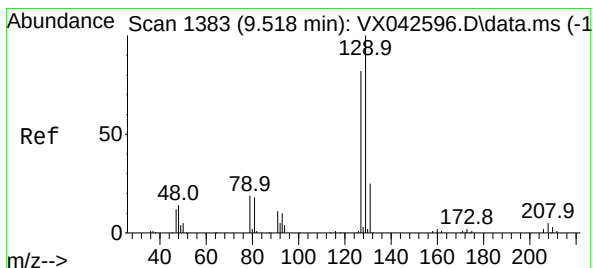
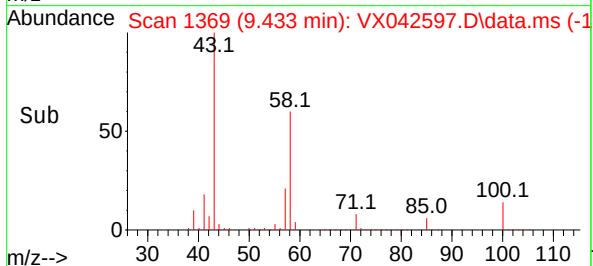
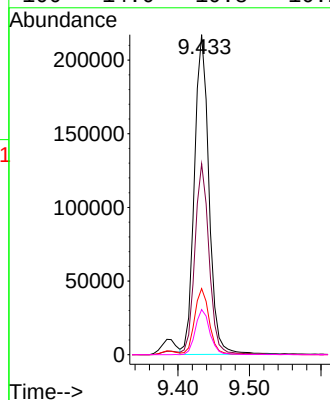
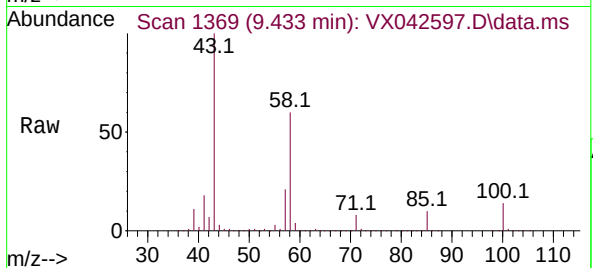
Ion Ratio Lower Upper

43 100

58 57.8 44.9 67.3

57 20.2 15.8 23.6

100 14.0 10.8 16.2



#49

Dibromochloromethane

Concen: 111.261 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX042597.D

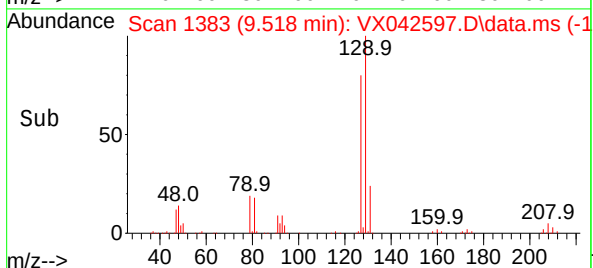
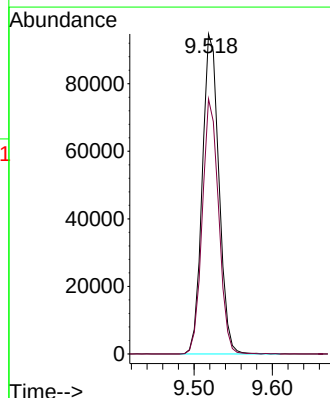
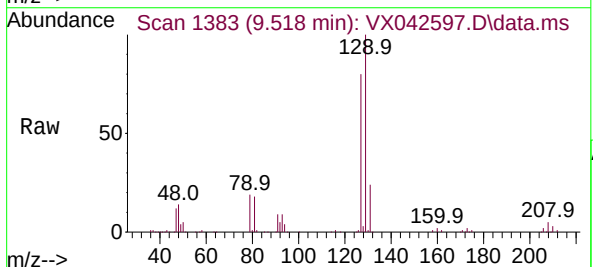
Acq: 26 Jul 2024 14:06

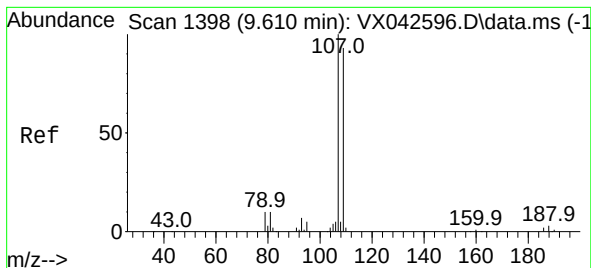
Tgt Ion:129 Resp: 139647

Ion Ratio Lower Upper

129 100

127 79.7 57.4 106.6





#50

1,2-Dibromoethane

Concen: 107.789 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX042597.D

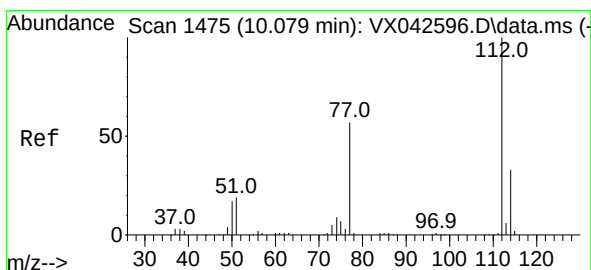
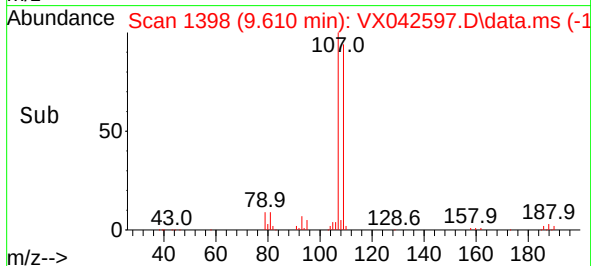
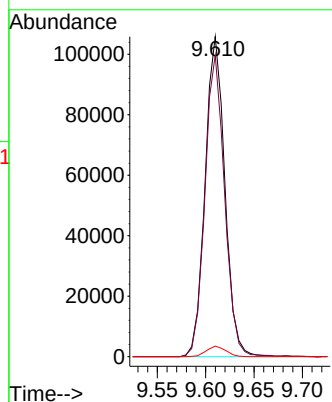
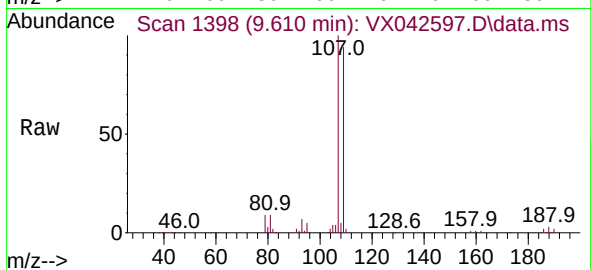
Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	150684
Ion	Ratio	Lower	Upper
107	100		
109	94.3	65.4	121.4
188	3.3	2.2	3.2#



#51

Chlorobenzene

Concen: 105.535 ug/L

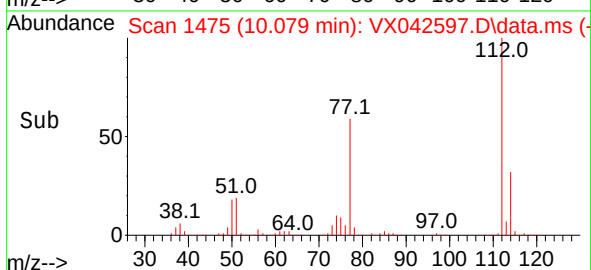
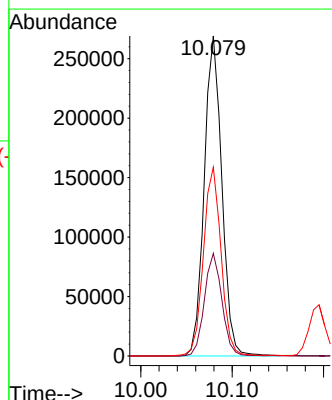
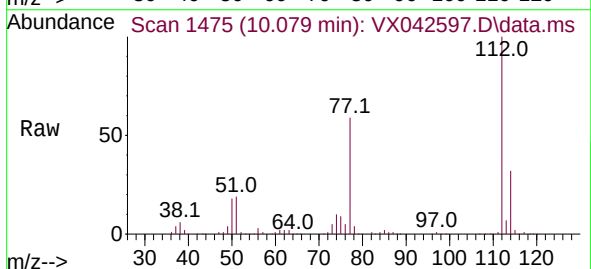
RT: 10.079 min Scan# 1475

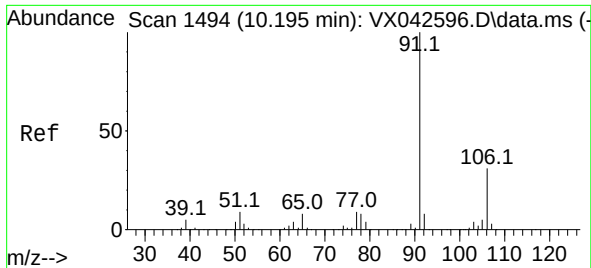
Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Tgt Ion:	112	Resp:	359936
Ion	Ratio	Lower	Upper
112	100		
114	32.0	23.2	43.2
77	59.0	46.3	69.5





#52

Ethylbenzene

Concen: 108.655 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

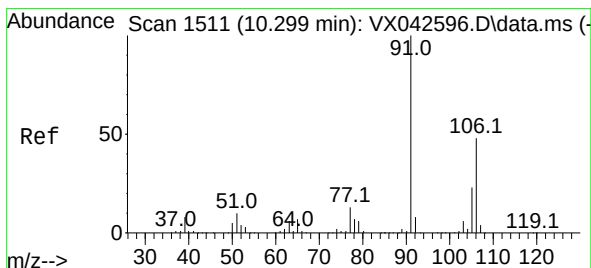
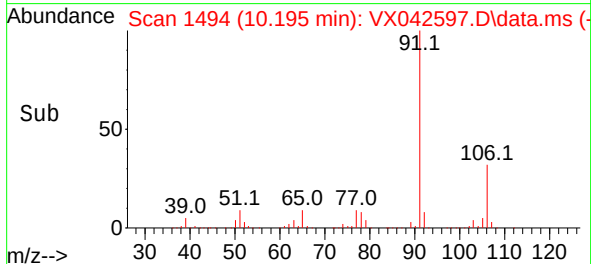
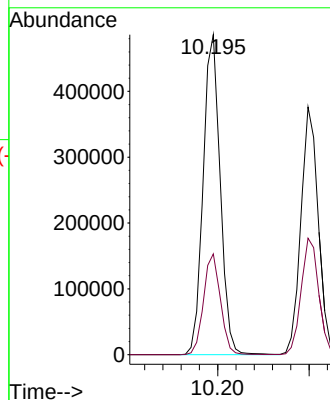
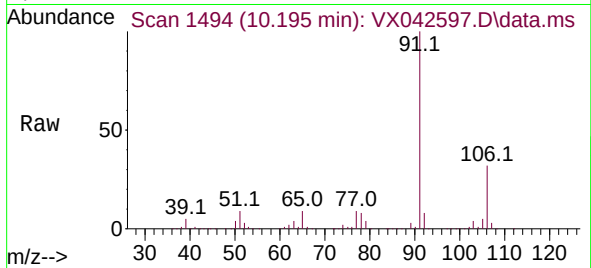
ClientSampleId :

Tgt Ion: 91 Resp: 628539

Ion Ratio Lower Upper

91 100

106 31.5 21.8 40.4



#53

m,p-Xylene

Concen: 109.323 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX042597.D

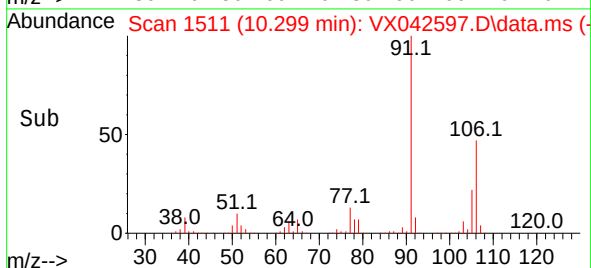
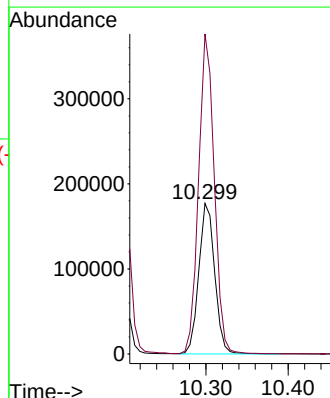
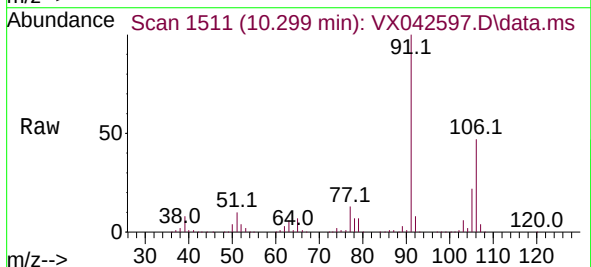
Acq: 26 Jul 2024 14:06

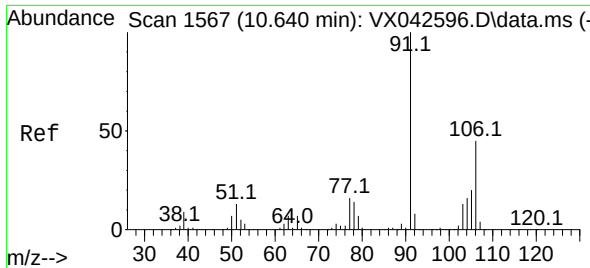
Tgt Ion:106 Resp: 238237

Ion Ratio Lower Upper

106 100

91 212.6 146.8 272.6

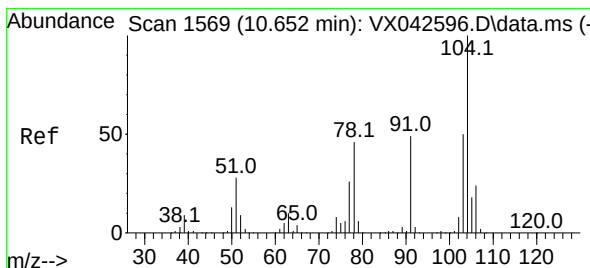
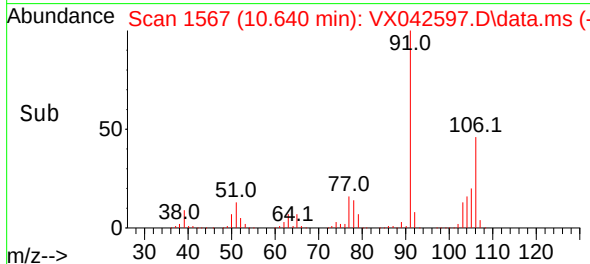
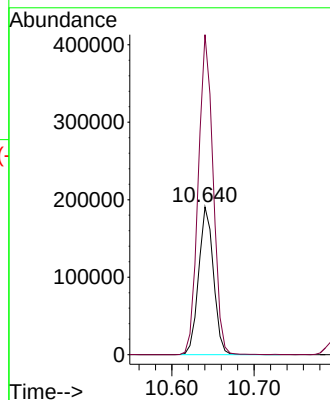
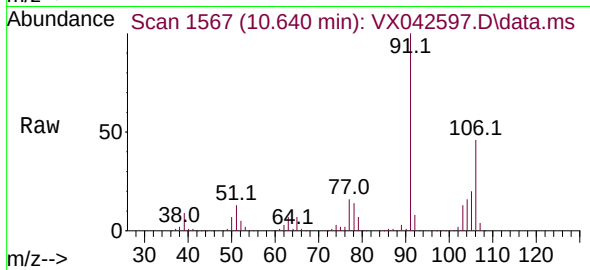




#54
o-Xylene
Concen: 110.003 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

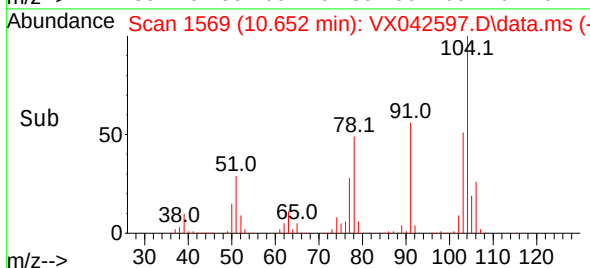
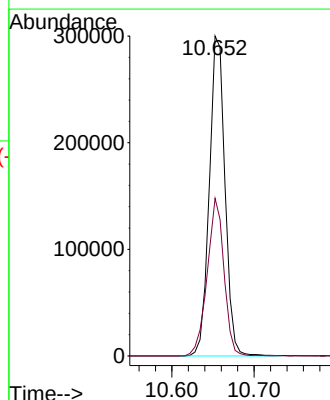
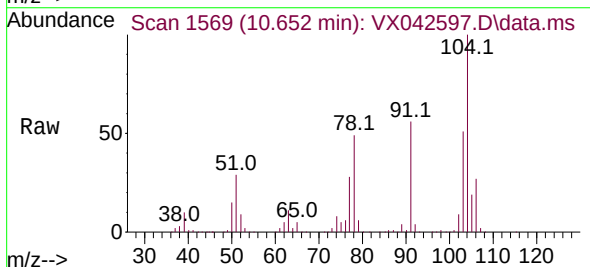
Instrument :
MSVOA_X
ClientSampleId :

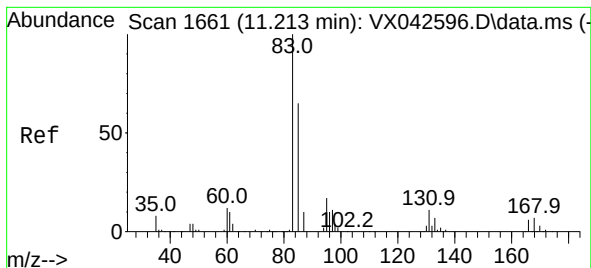
Tgt Ion:106 Resp: 238467
Ion Ratio Lower Upper
106 100
91 216.7 154.6 287.2



#55
Styrene
Concen: 110.184 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

Tgt Ion:104 Resp: 398166
Ion Ratio Lower Upper
104 100
78 49.3 32.6 60.5

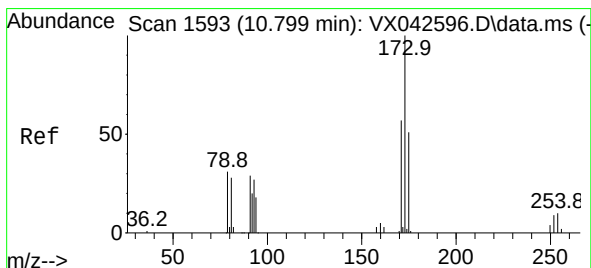
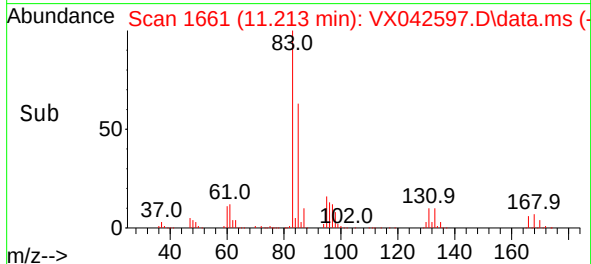
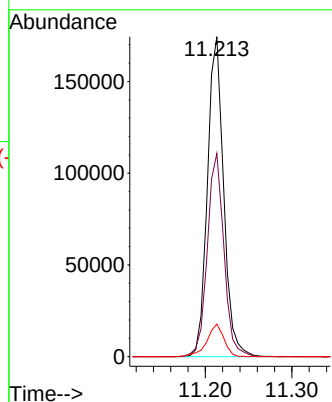
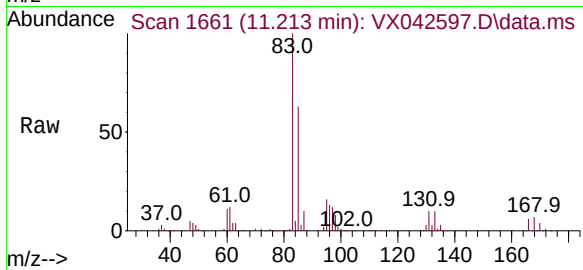




#57
1,1,2,2-Tetrachloroethane
Concen: 105.517 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

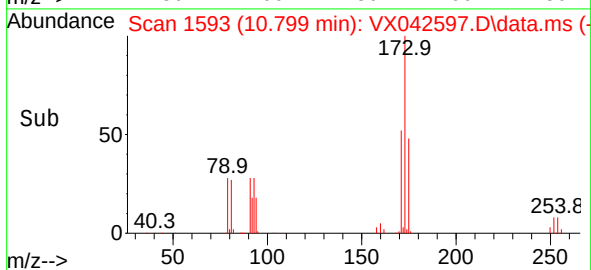
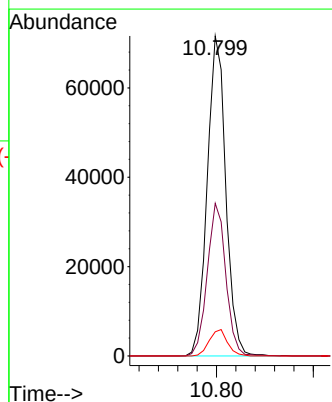
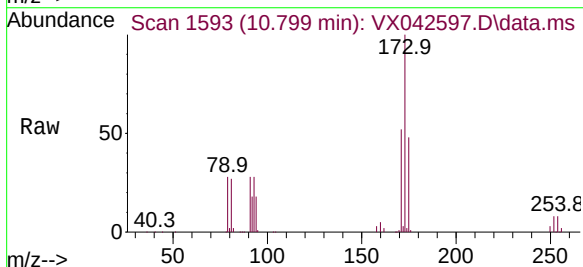
Instrument :
MSVOA_X
ClientSampleId :

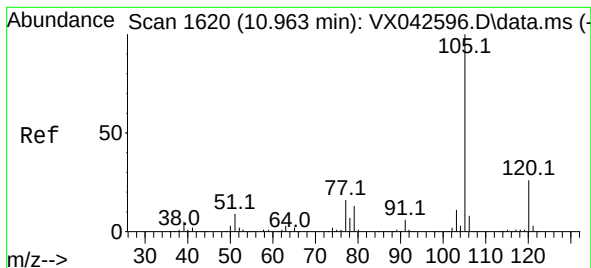
Tgt Ion: 83 Resp: 226804
Ion Ratio Lower Upper
83 100
85 63.5 46.1 85.5
131 10.2 8.6 13.0



#59
Bromoform
Concen: 110.740 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

Tgt Ion:173 Resp: 95714
Ion Ratio Lower Upper
173 100
175 47.7 37.4 56.2
254 8.1 6.8 10.2





#60

Isopropylbenzene

Concen: 105.482 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

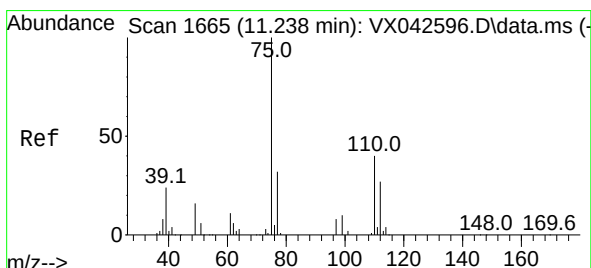
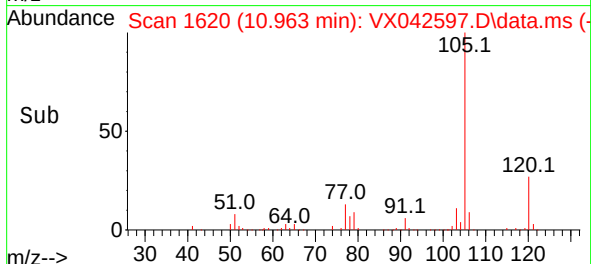
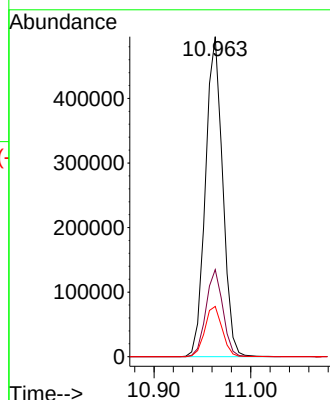
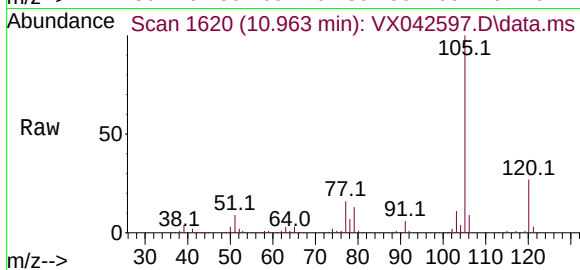
Tgt Ion:105 Resp: 613851

Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.6

77 15.9 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 100.396 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

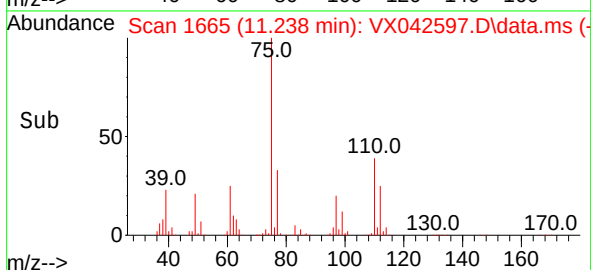
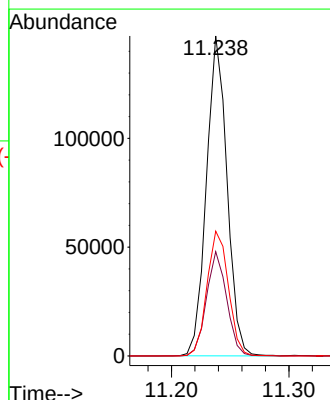
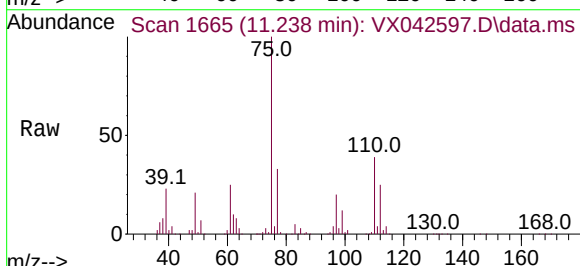
Tgt Ion: 75 Resp: 178886

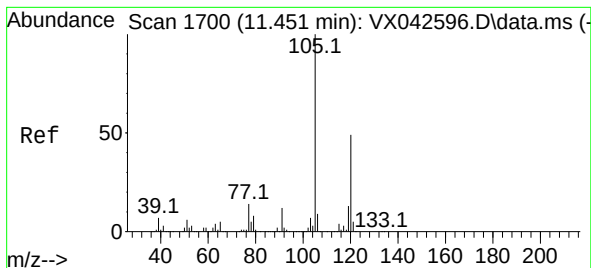
Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.4

110 40.6 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 107.626 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

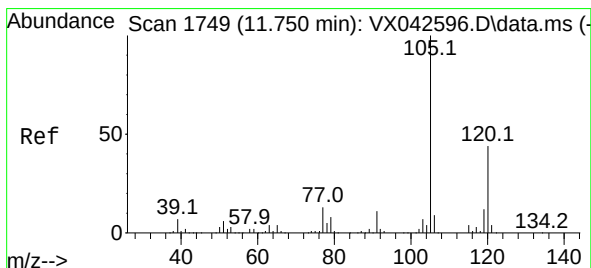
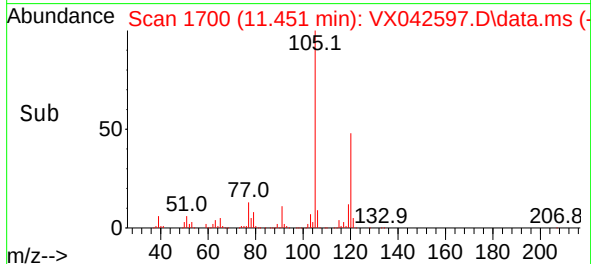
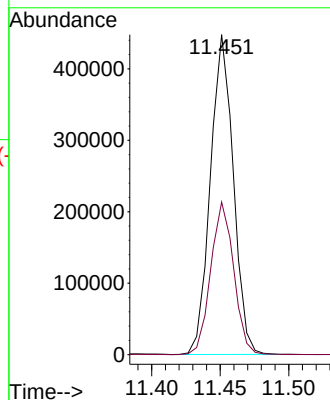
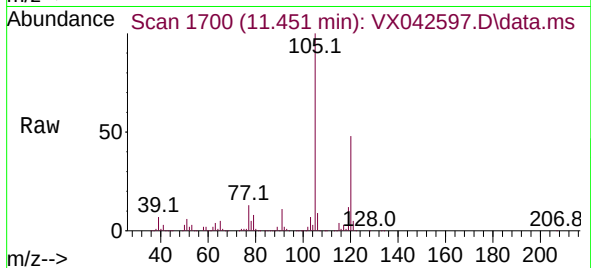
ClientSampleId :

Tgt Ion:105 Resp: 520905

Ion Ratio Lower Upper

105 100

120 48.0 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 110.325 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042597.D

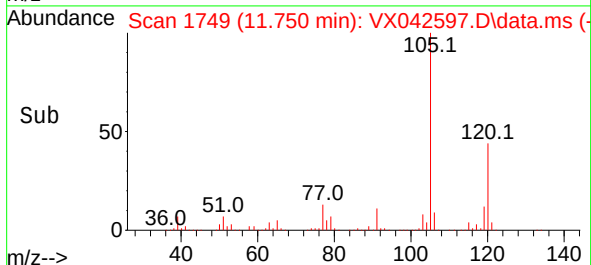
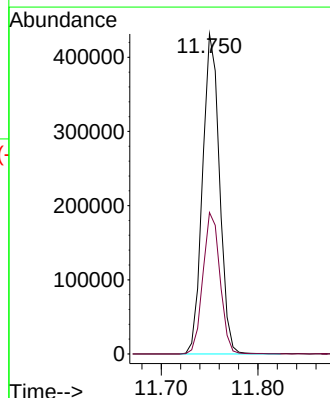
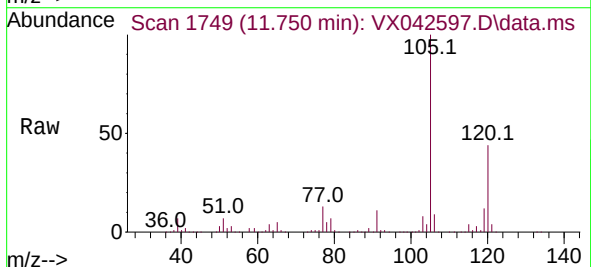
Acq: 26 Jul 2024 14:06

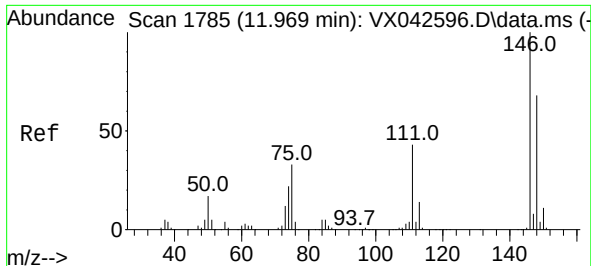
Tgt Ion:105 Resp: 527244

Ion Ratio Lower Upper

105 100

120 44.3 35.2 52.8

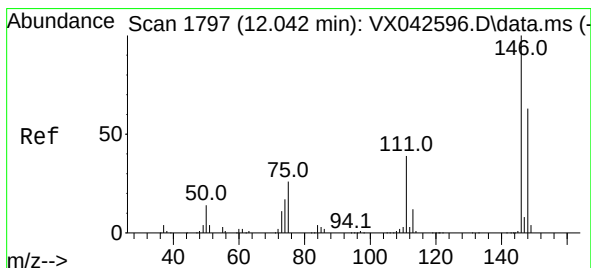
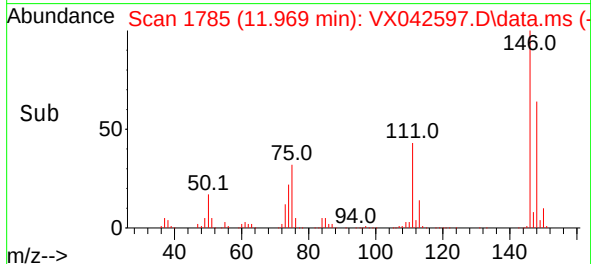
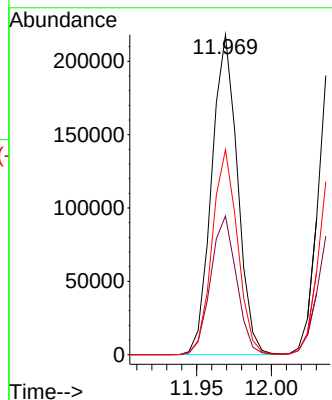
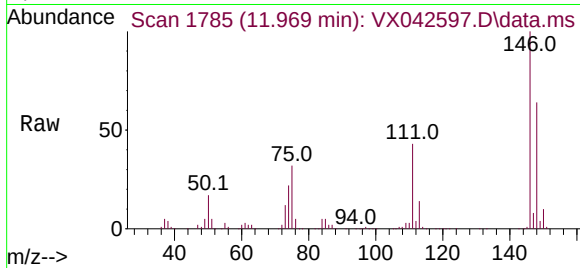




#64
1,3-Dichlorobenzene
Concen: 104.533 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

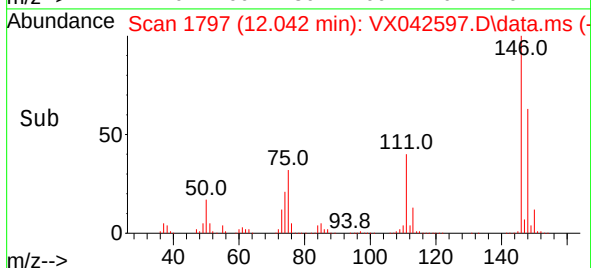
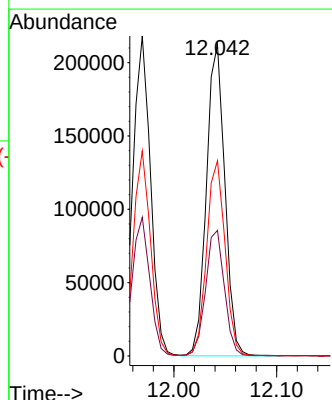
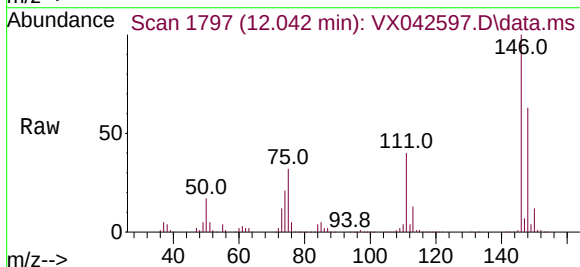
Instrument :
MSVOA_X
ClientSampleId :

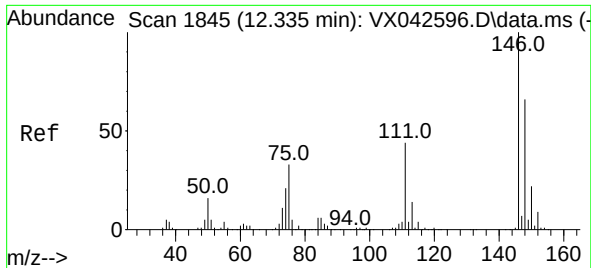
Tgt Ion:146 Resp: 261632
Ion Ratio Lower Upper
146 100
111 43.4 30.4 56.5
148 64.1 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 105.108 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

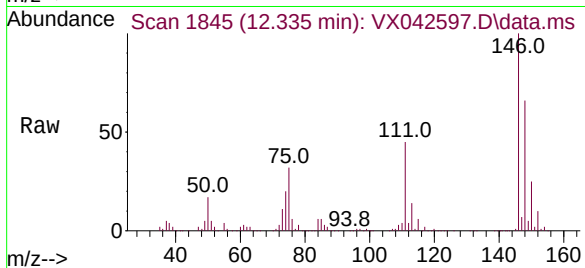
Tgt Ion:146 Resp: 264968
Ion Ratio Lower Upper
146 100
111 40.3 27.9 51.7
148 62.7 44.1 81.9



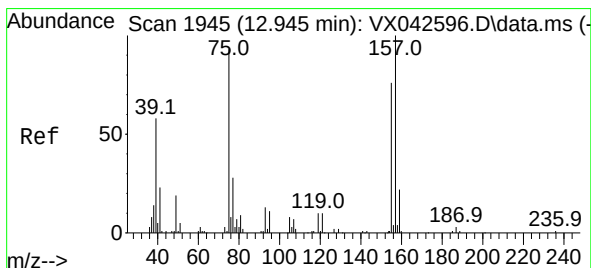
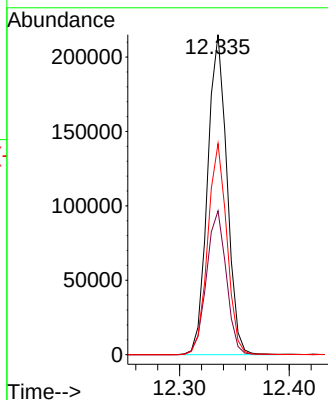
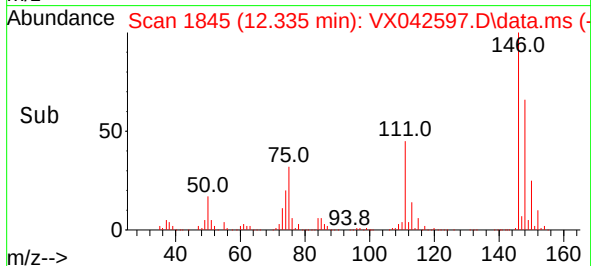


#67
1,2-Dichlorobenzene
Concen: 104.723 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

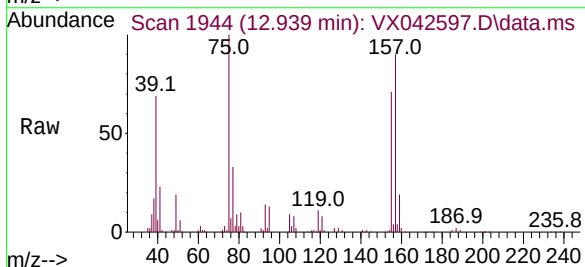
Instrument :
MSVOA_X
ClientSampleId :



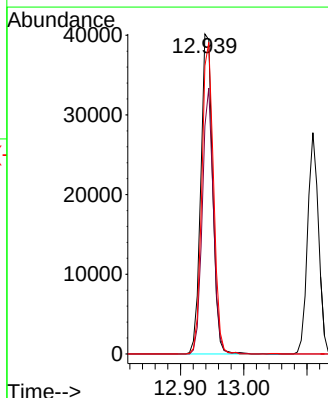
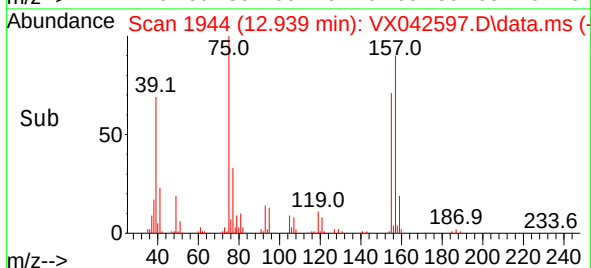
Tgt Ion:146 Resp: 263931
Ion Ratio Lower Upper
146 100
111 44.9 35.3 52.9
148 66.0 52.7 79.1

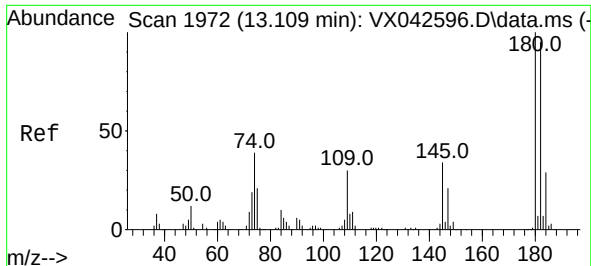


#68
1,2-Dibromo-3-chloropropane
Concen: 110.136 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06



Tgt Ion: 75 Resp: 52280
Ion Ratio Lower Upper
75 100
155 71.3 65.1 97.7
157 90.1 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 110.108 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

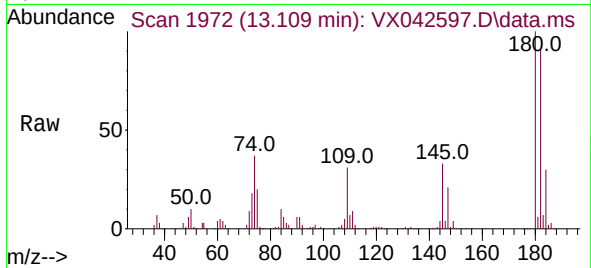
Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 170931

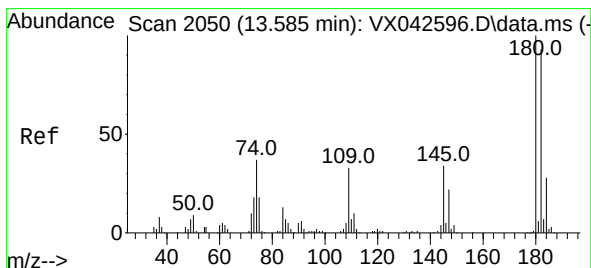
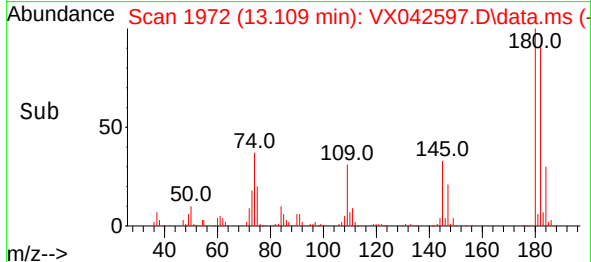
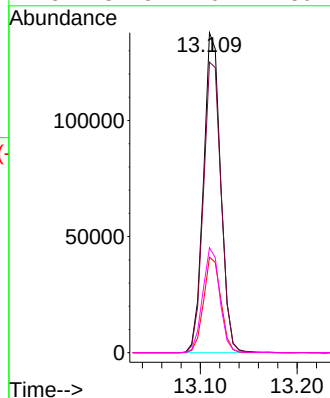
Ion Ratio Lower Upper

180 100

182 93.5 75.4 113.0

184 30.0 23.4 35.0

145 32.5 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 114.106 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042597.D

Acq: 26 Jul 2024 14:06

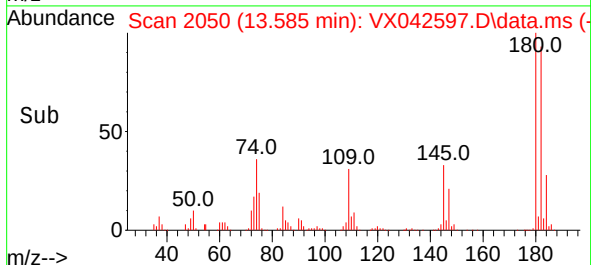
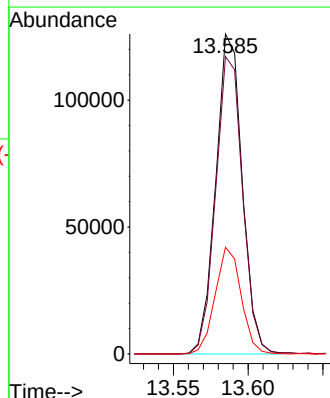
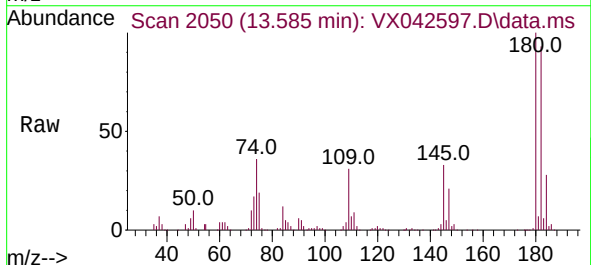
Tgt Ion:180 Resp: 155340

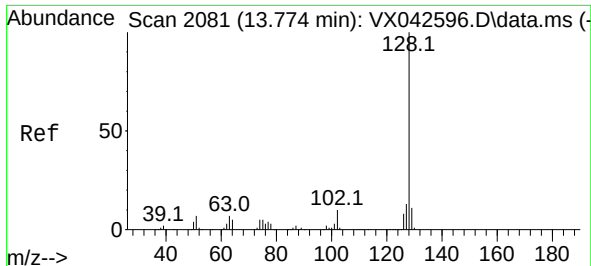
Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.4

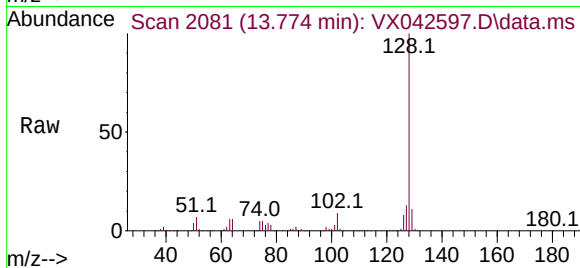
145 32.7 27.0 40.6



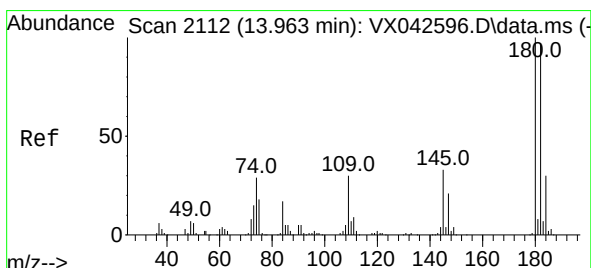
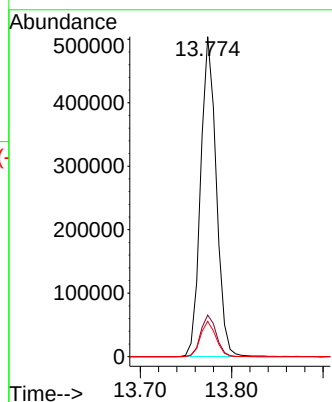
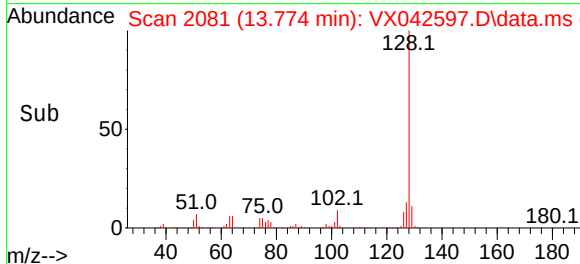


#71
Naphthalene
Concen: 113.869 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 597982
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 112.300 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042597.D
Acq: 26 Jul 2024 14:06

Tgt Ion:180 Resp: 158364
Ion Ratio Lower Upper
180 100
182 94.1 76.2 114.2
145 35.9 27.6 41.4

