

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042596.D
 Acq On : 26 Jul 2024 13:43
 Operator : JC/MD
 Sample : VSTD05014
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 00:35:35 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	196220	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	177979	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80574	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60385	50.654	ug/L	0.00
7) Chloroethane-d5	1.648	69	23233	47.294	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	29587	51.373	ug/L	0.00
21) 2-Butanone-d5	4.465	46	92236	104.394	ug/L	0.00
24) Chloroform-d	5.056	84	132074	50.617	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	84504	50.199	ug/L	0.00
32) Benzene-d6	5.970	84	255836	51.794	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	74835	51.190	ug/L	0.00
41) Toluene-d8	8.647	98	231047	52.169	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	35923	52.509	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	70135	107.655	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	107753	51.192	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	75731	49.733	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	83735	48.302	ug/L	100
3) Chloromethane	1.300	50	70259	49.010	ug/L	100
5) Vinyl chloride	1.374	62	67981	49.885	ug/L	100
6) Bromomethane	1.599	94	19519	45.615	ug/L	100
8) Chloroethane	1.666	64	22982	45.957	ug/L	100
9) Trichlorofluoromethane	1.874	101	85997	44.869	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	66824	48.211	ug/L	100
12) 1,1-Dichloroethene	2.312	96	60940	48.040	ug/L	100
13) Acetone	2.392	43	67169	97.255	ug/L	100
14) Carbon disulfide	2.501	76	149528	48.277	ug/L	100
15) Methyl Acetate	2.709	43	74617	48.740	ug/L	100
16) Methylene chloride	2.788	84	71102	48.535	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	63013	48.405	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	222452	49.300	ug/L	100
19) 1,1-Dichloroethane	3.605	63	120853	48.623	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	74201	49.903	ug/L	100
22) 2-Butanone	4.562	43	108280	102.942	ug/L	100
23) Bromochloromethane	4.897	128	34279	49.121	ug/L	100
25) Chloroform	5.092	83	129565	48.889	ug/L	100
27) 1,2-Dichloroethane	6.086	62	103610	49.225	ug/L	100
29) Cyclohexane	5.470	56	104600	49.714	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	111955	49.246	ug/L	100
31) Carbon tetrachloride	5.672	117	96571	50.292	ug/L	100
33) Benzene	6.037	78	269396	49.460	ug/L	100
34) Trichloroethene	7.123	95	69512	47.769	ug/L	100
35) Methylcyclohexane	7.379	83	110963	50.382	ug/L	100
37) 1,2-Dichloropropane	7.427	63	70143	49.551	ug/L	100
38) Bromodichloromethane	7.824	83	91508	50.016	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	110907	51.042	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	200556	102.977	ug/L	100
42) Toluene	8.720	91	281819	50.236	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	101562	51.970	ug/L	100

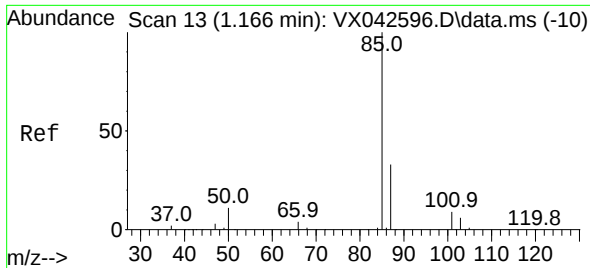
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
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 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 00:33:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	70778	49.505	ug/L	100
46) Tetrachloroethene	9.275	164	48235	48.604	ug/L	100
48) 2-Hexanone	9.433	43	159271	105.151	ug/L	100
49) Dibromochloromethane	9.518	129	65801	49.287	ug/L	100
50) 1,2-Dibromoethane	9.610	107	73829	49.650	ug/L	100
51) Chlorobenzene	10.079	112	179941	49.601	ug/L	100
52) Ethylbenzene	10.195	91	310607	50.480	ug/L	100
53) m,p-Xylene	10.299	106	117450	50.669	ug/L	100
54) o-Xylene	10.640	106	117793	51.084	ug/L	100
55) Styrene	10.652	104	201670	52.467	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	113415	49.606	ug/L	100
59) Bromoform	10.799	173	43628	48.249	ug/L	100
60) Isopropylbenzene	10.963	105	303805	49.901	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	89557	48.044	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	253199	50.005	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	253732	50.750	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	126068	48.147	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	126863	48.103	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	128758	48.834	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	24377	49.087	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	79132	48.725	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	67255	47.222	ug/L	100
71) Naphthalene	13.774	128	275632	50.170	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	73512	49.829	ug/L	100

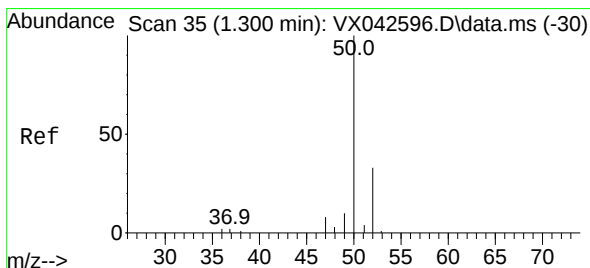
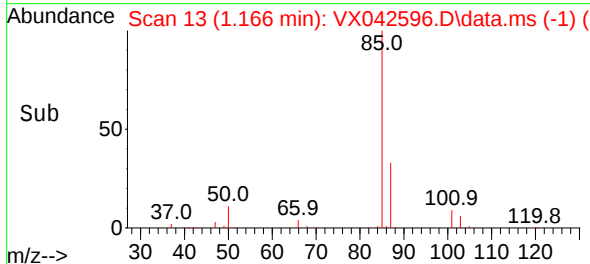
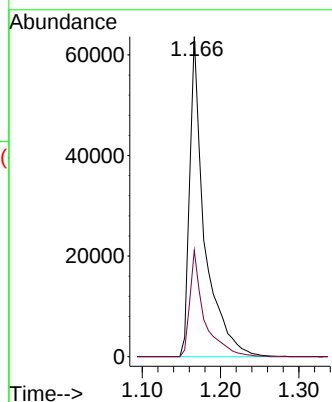
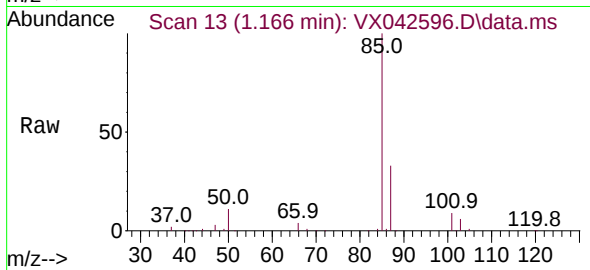
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 48.302 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

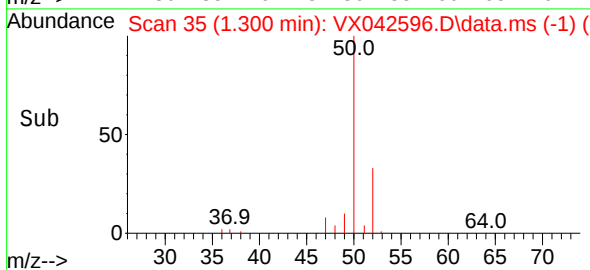
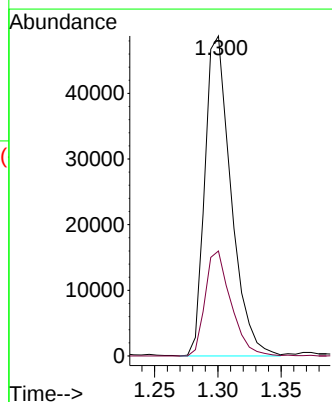
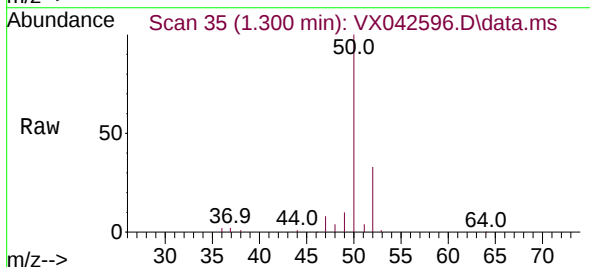
Instrument :
MSVOA_X
ClientSampleId :

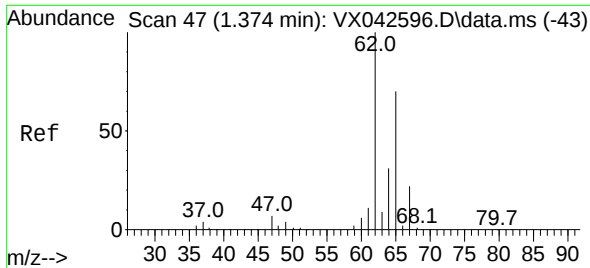
Tgt Ion: 85 Resp: 83735
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 49.010 ug/L
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt Ion: 50 Resp: 70259
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.6

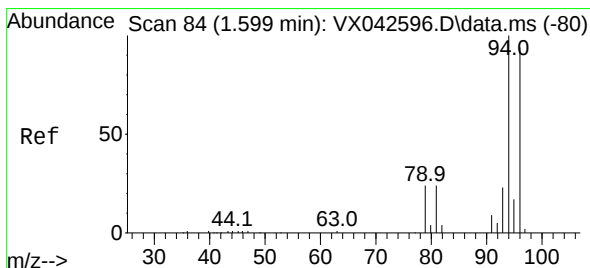
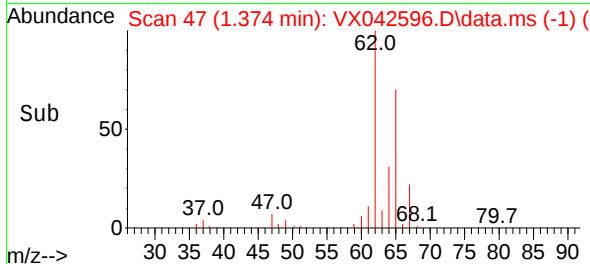
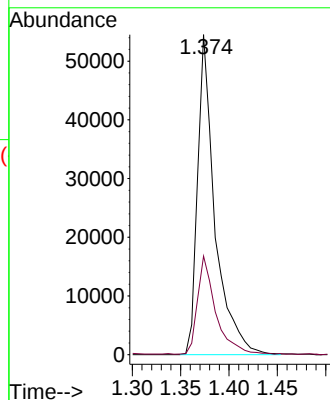
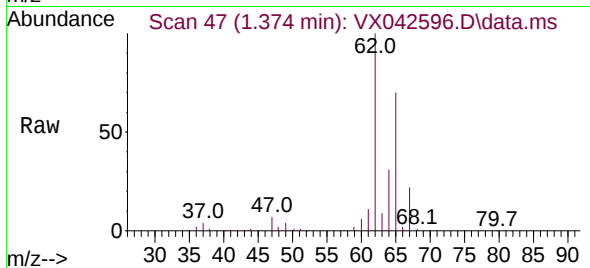




#5
 Vinyl chloride
 Concen: 49.885 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX042596.D
 Acq: 26 Jul 2024 13:43

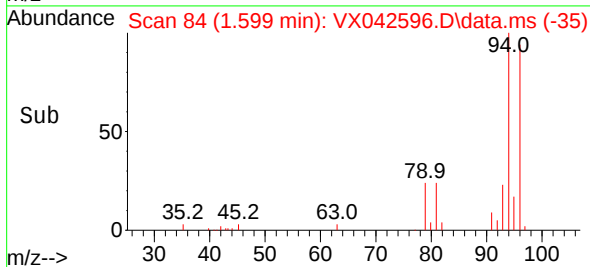
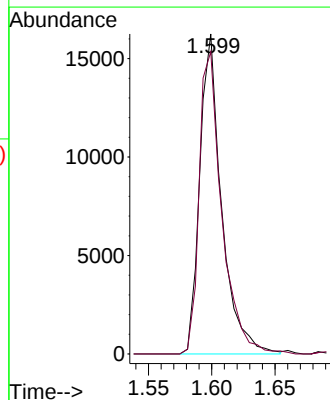
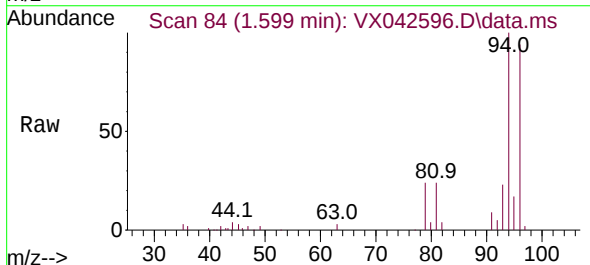
Instrument :
 MSVOA_X
 ClientSampleId :

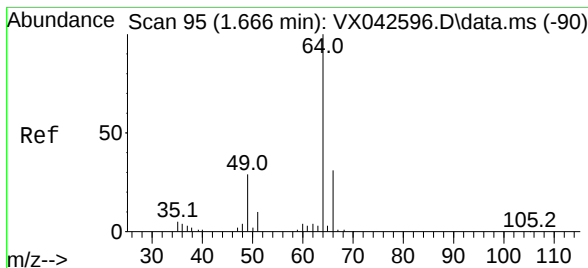
Tgt Ion: 62 Resp: 67981
 Ion Ratio Lower Upper
 62 100
 64 30.8 21.6 40.0



#6
 Bromomethane
 Concen: 45.615 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX042596.D
 Acq: 26 Jul 2024 13:43

Tgt Ion: 94 Resp: 19519
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.1 122.7





#8

Chloroethane

Concen: 45.957 ug/L

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

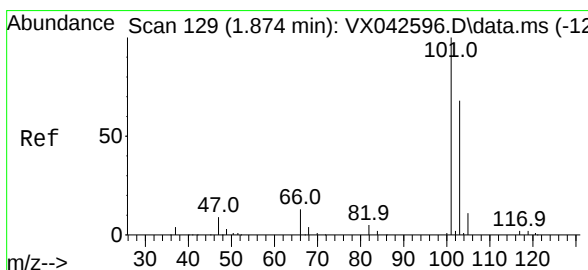
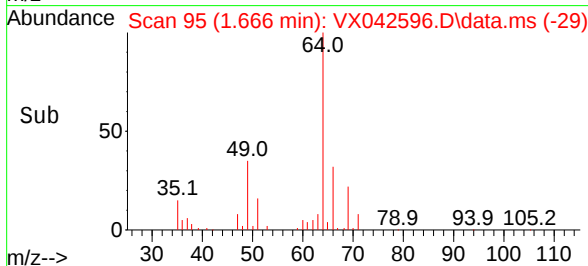
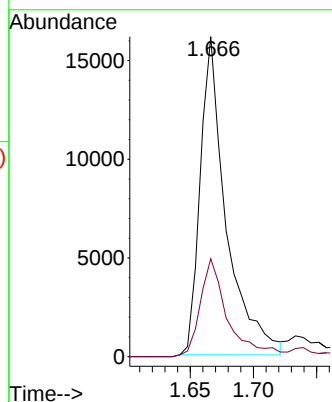
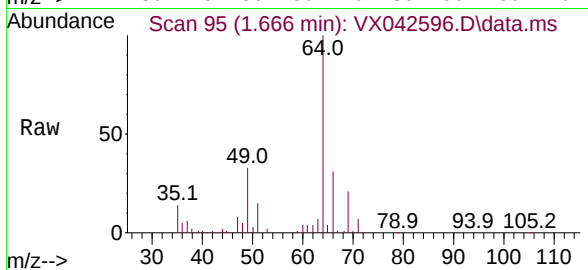
ClientSampleId :

Tgt Ion: 64 Resp: 22982

Ion Ratio Lower Upper

64 100

66 30.6 21.4 39.8



#9

Trichlorofluoromethane

Concen: 44.869 ug/L

RT: 1.874 min Scan# 129

Delta R.T. 0.000 min

Lab File: VX042596.D

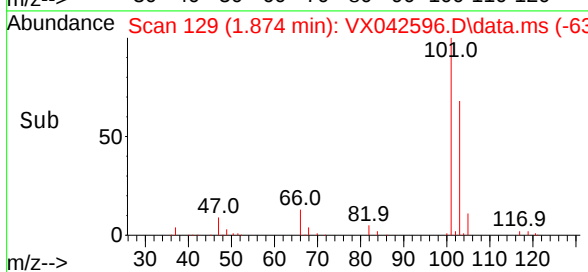
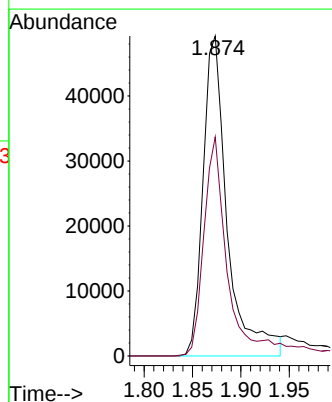
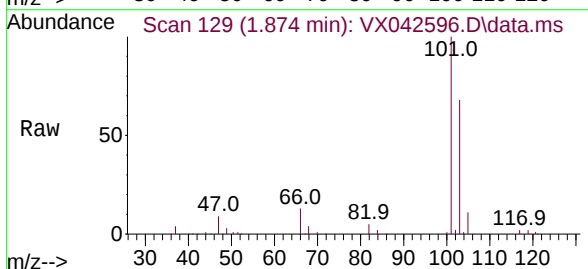
Acq: 26 Jul 2024 13:43

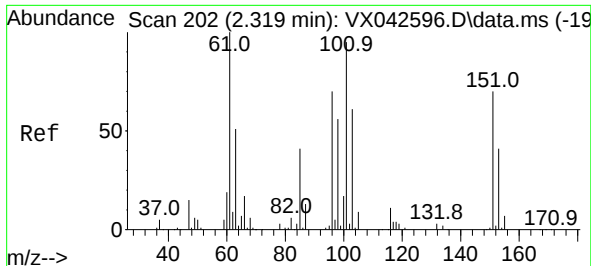
Tgt Ion:101 Resp: 85997

Ion Ratio Lower Upper

101 100

103 61.7 45.2 67.8





#10

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

Concen: 48.211 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

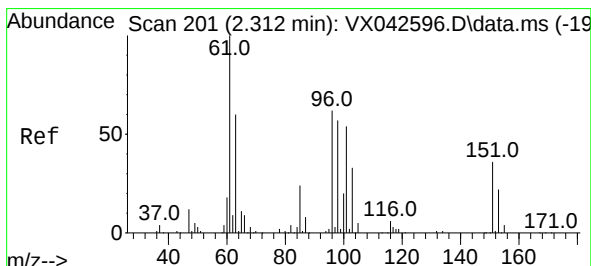
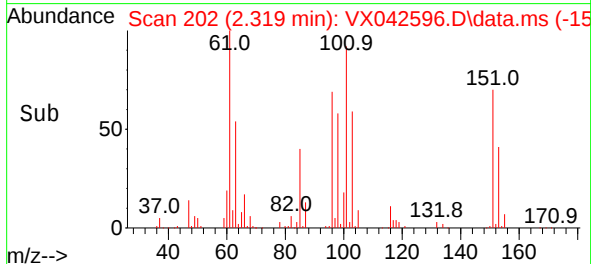
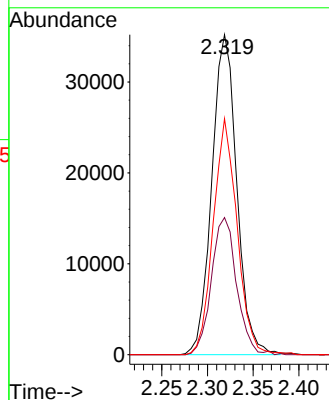
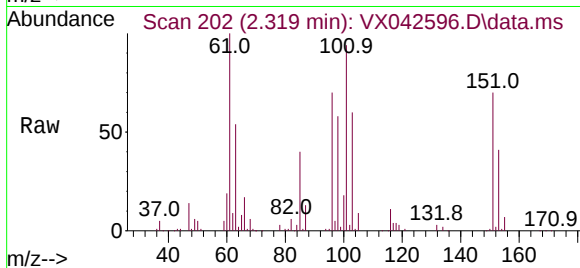
Tgt Ion:101 Resp: 66824

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

151 70.8 56.6 85.0



#12

1,1-Dichloroethene

Concen: 48.040 ug/L

RT: 2.312 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

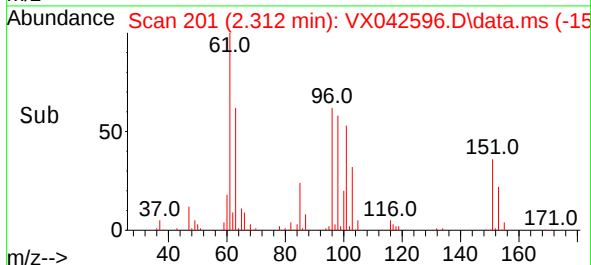
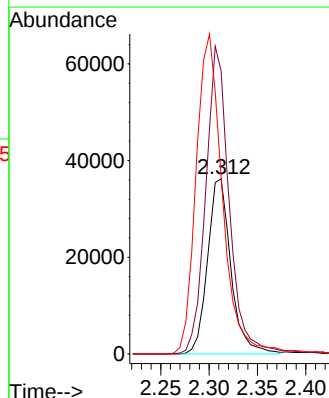
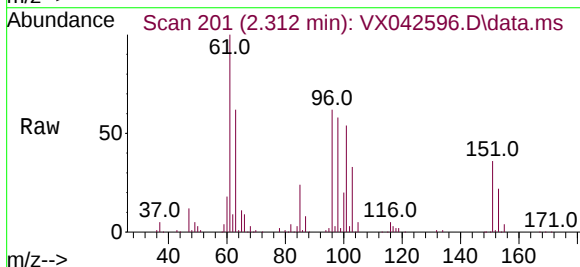
Tgt Ion: 96 Resp: 60940

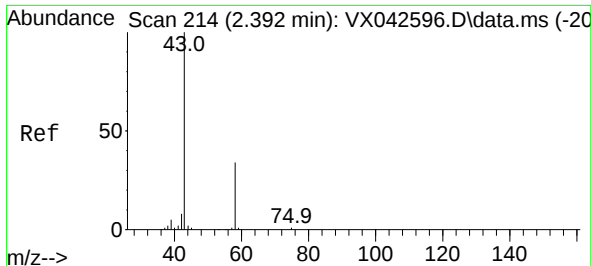
Ion Ratio Lower Upper

96 100

61 161.5 113.0 209.9

63 100.7 70.5 130.9





#13

Acetone

Concen: 97.255 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

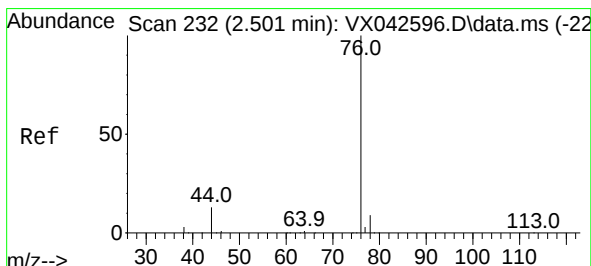
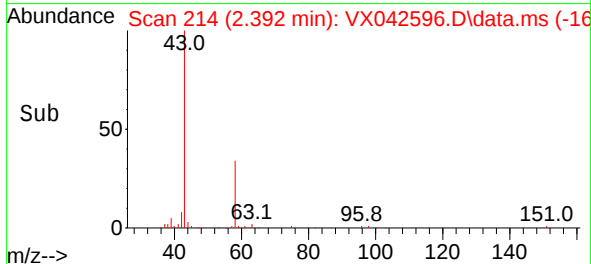
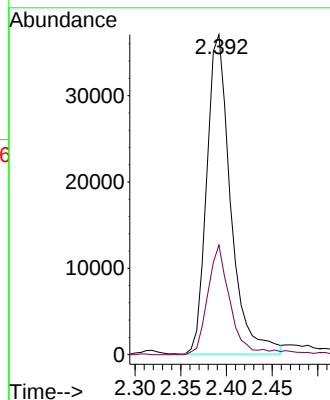
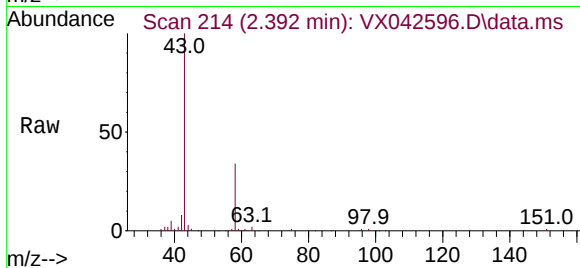
ClientSampleId :

Tgt Ion: 43 Resp: 67169

Ion Ratio Lower Upper

43 100

58 31.2 0.0 62.4



#14

Carbon disulfide

Concen: 48.277 ug/L

RT: 2.501 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX042596.D

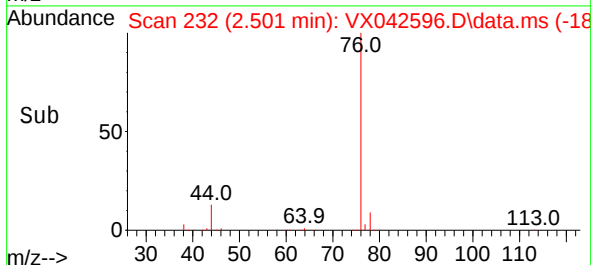
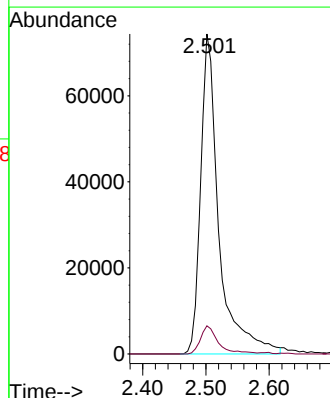
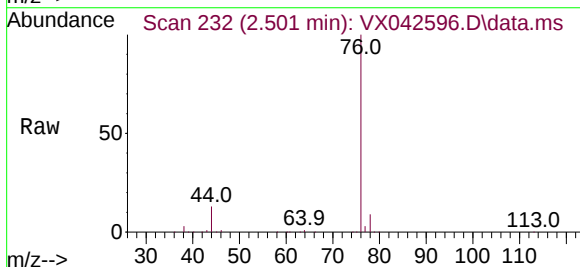
Acq: 26 Jul 2024 13:43

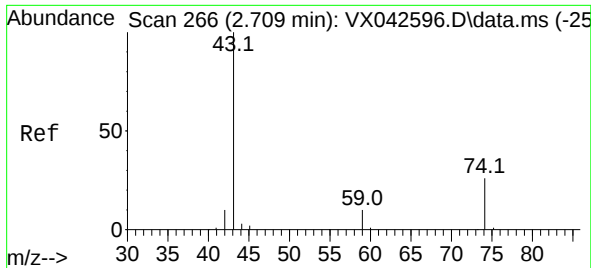
Tgt Ion: 76 Resp: 149528

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

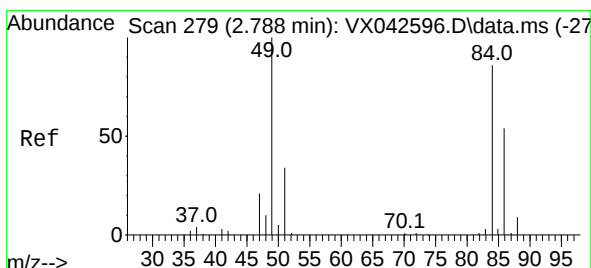
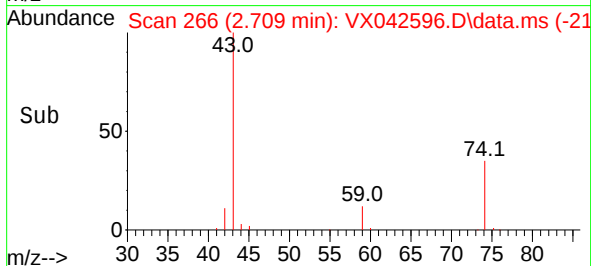
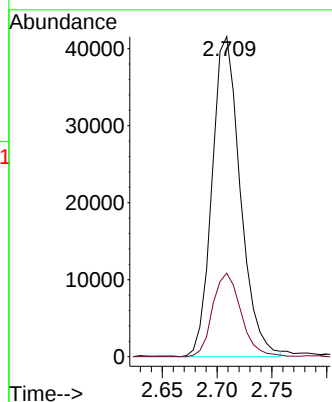
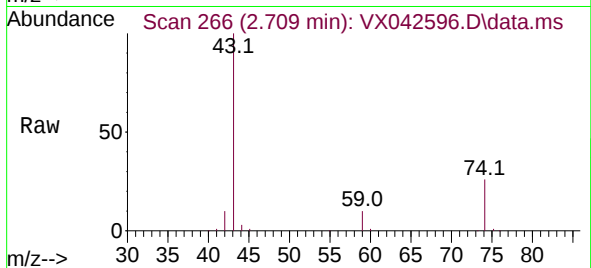




#15
Methyl Acetate
Concen: 48.740 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

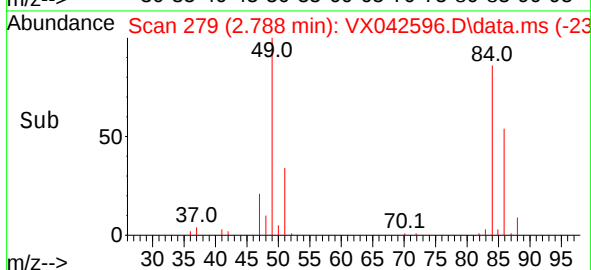
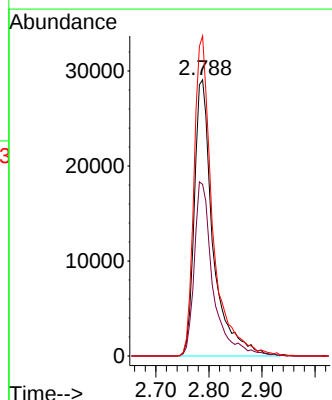
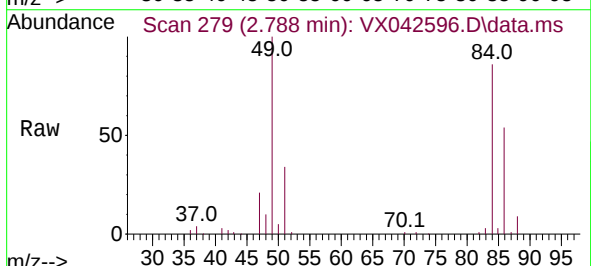
Instrument :
MSVOA_X
ClientSampleId :

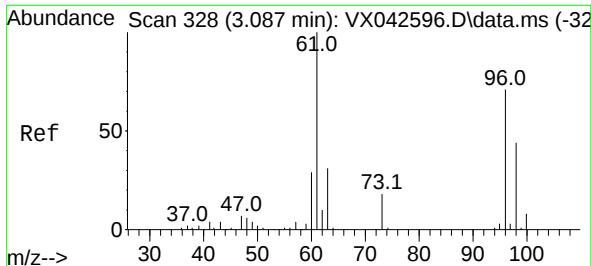
Tgt Ion: 43 Resp: 74617
Ion Ratio Lower Upper
43 100
74 26.2 21.0 31.4



#16
Methylene chloride
Concen: 48.535 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt Ion: 84 Resp: 71102
Ion Ratio Lower Upper
84 100
86 62.1 43.5 80.7
49 115.9 81.1 150.7

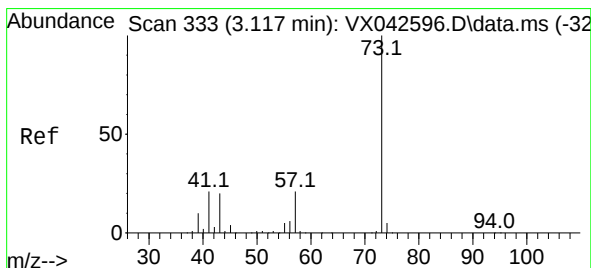
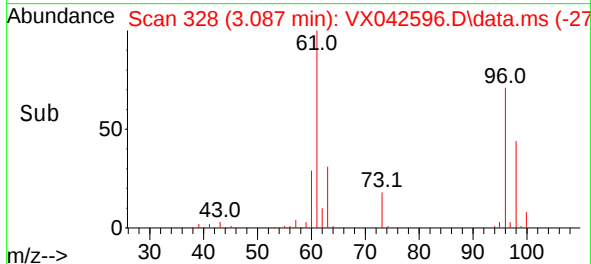
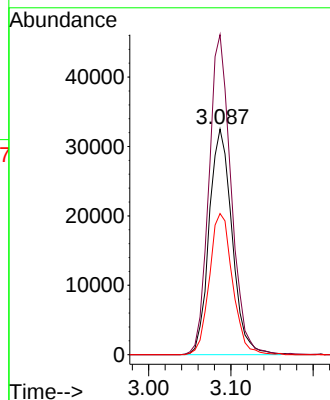
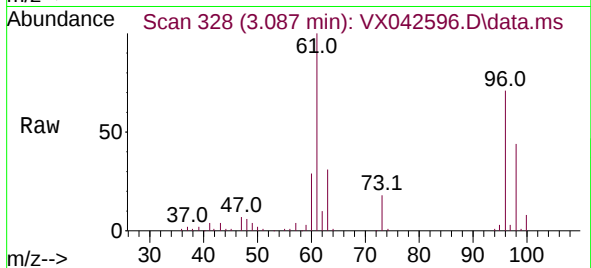




#17
trans-1,2-Dichloroethene
Concen: 48.405 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

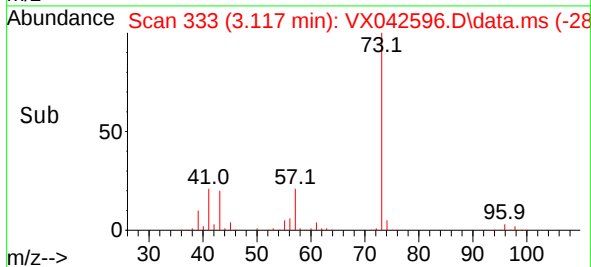
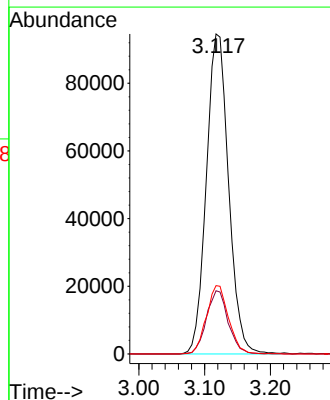
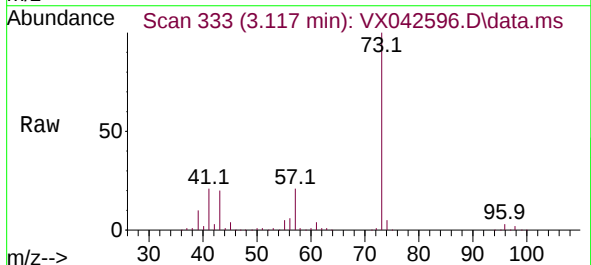
Instrument :
MSVOA_X
ClientSampleId :

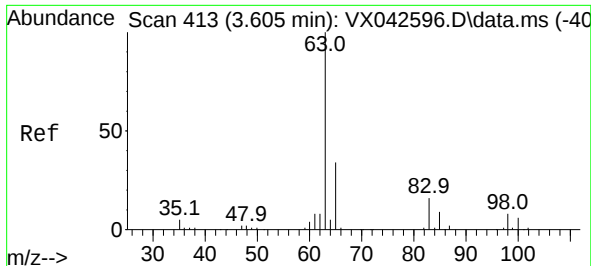
Tgt Ion: 96 Resp: 63013
Ion Ratio Lower Upper
96 100
61 141.8 99.3 184.3
98 62.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 49.300 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt Ion: 73 Resp: 222452
Ion Ratio Lower Upper
73 100
43 19.3 15.4 23.2
57 21.1 16.9 25.3





#19

1,1-Dichloroethane

Concen: 48.623 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

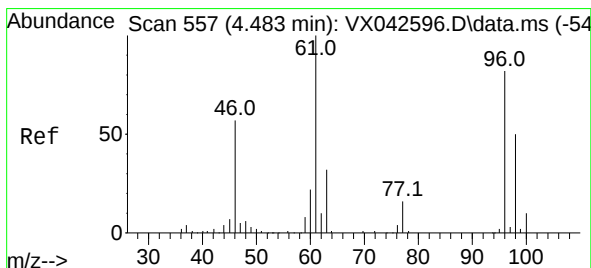
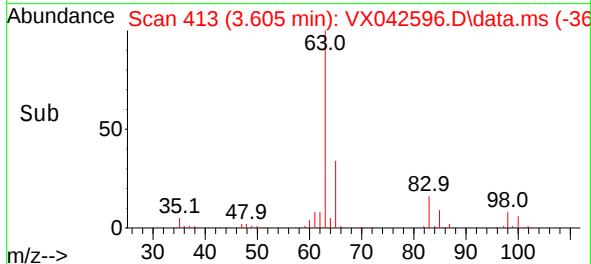
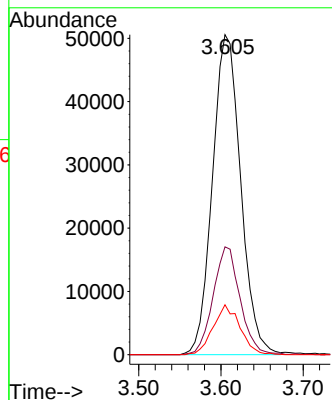
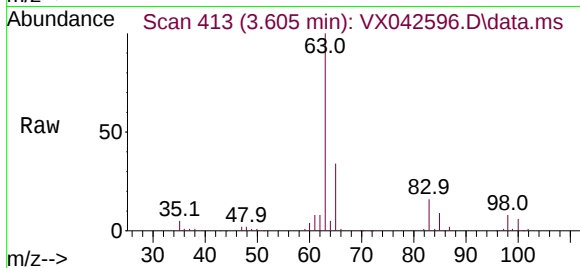
Tgt Ion: 63 Resp: 120853

Ion Ratio Lower Upper

63 100

65 33.7 23.6 43.8

83 15.6 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 49.903 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

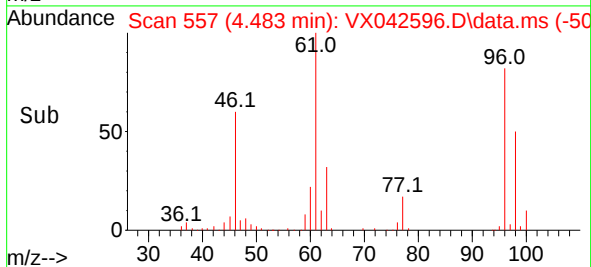
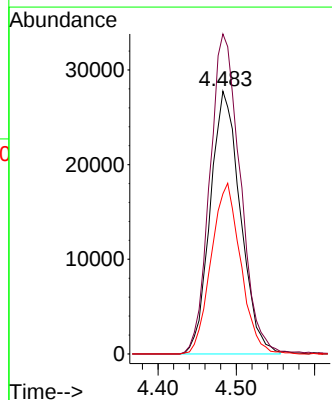
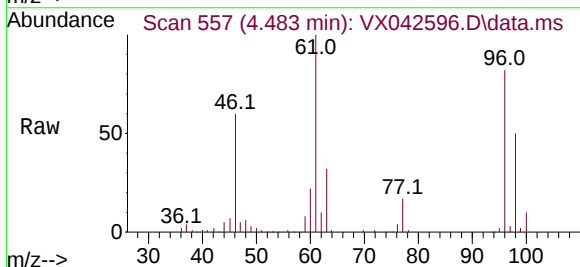
Tgt Ion: 96 Resp: 74201

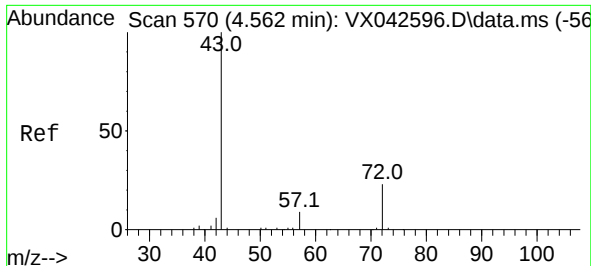
Ion Ratio Lower Upper

96 100

61 121.8 85.3 158.3

98 61.0 42.7 79.3

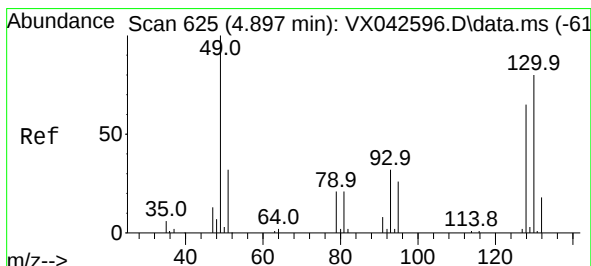
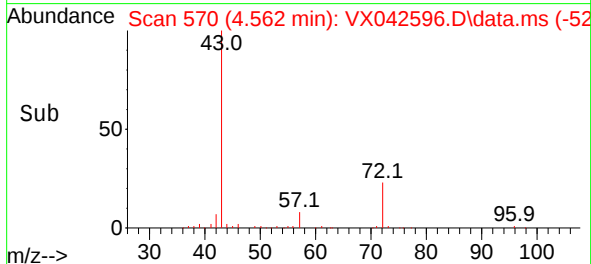
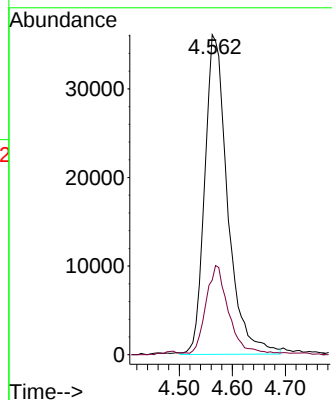
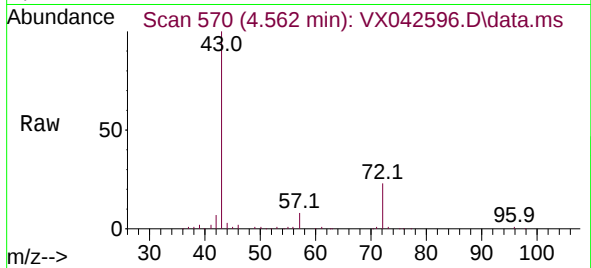




#22
2-Butanone
Concen: 102.942 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

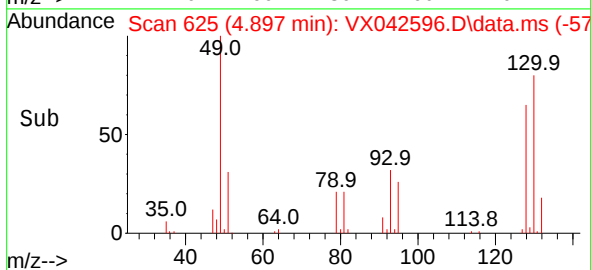
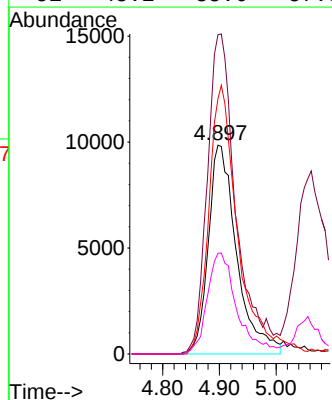
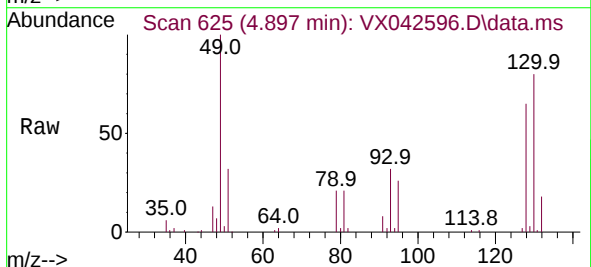
Instrument :
MSVOA_X
ClientSampleId :

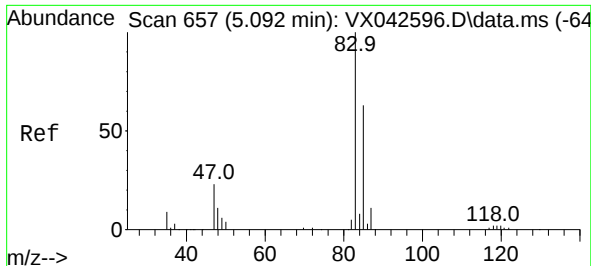
Tgt Ion: 43 Resp: 108280
Ion Ratio Lower Upper
43 100
72 26.8 13.4 40.2



#23
Bromochloromethane
Concen: 49.121 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt Ion:128 Resp: 34279
Ion Ratio Lower Upper
128 100
49 152.8 107.0 198.6
130 122.2 85.5 158.9
51 48.2 38.6 57.8





#25

Chloroform

Concen: 48.889 ug/L

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

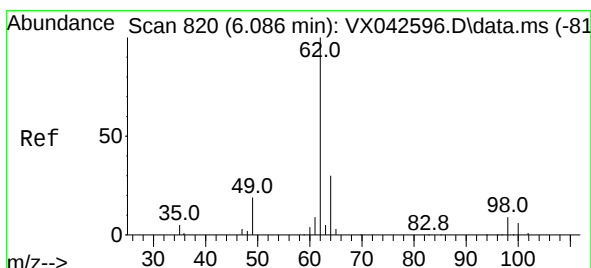
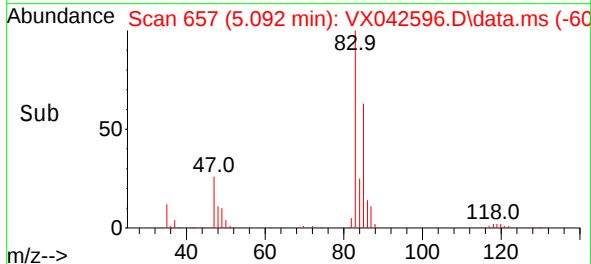
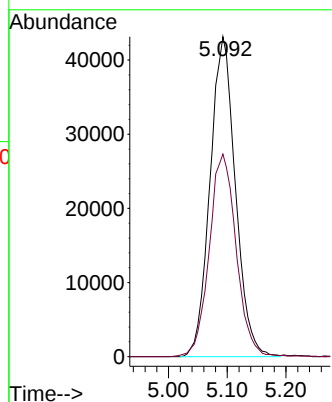
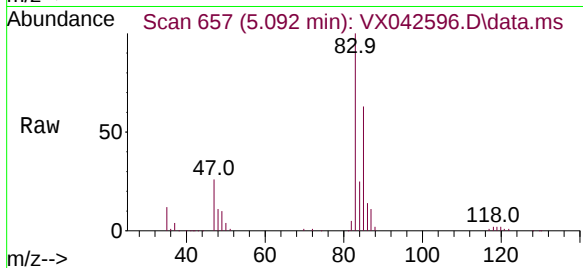
ClientSampleId :

Tgt Ion: 83 Resp: 129565

Ion Ratio Lower Upper

83 100

85 63.3 44.3 82.3



#27

1,2-Dichloroethane

Concen: 49.225 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042596.D

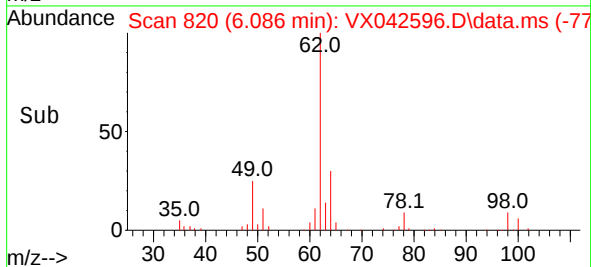
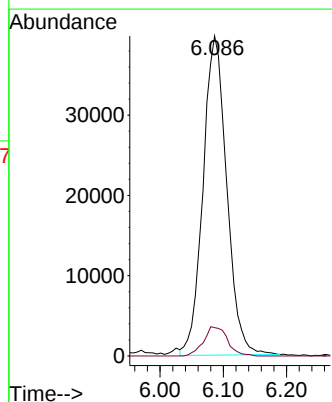
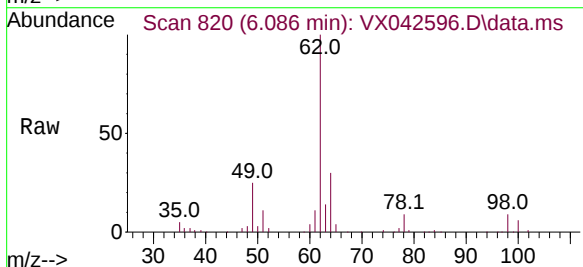
Acq: 26 Jul 2024 13:43

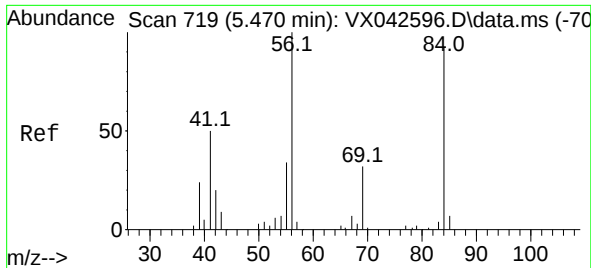
Tgt Ion: 62 Resp: 103610

Ion Ratio Lower Upper

62 100

98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 49.714 ug/L

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

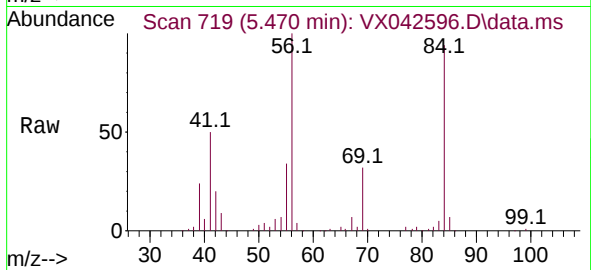
Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :



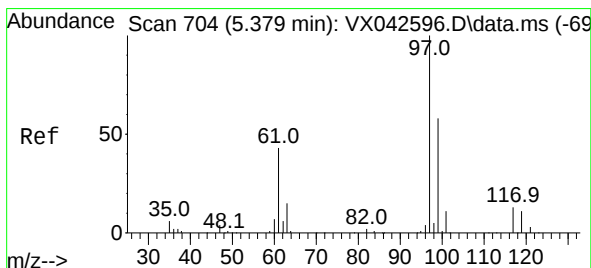
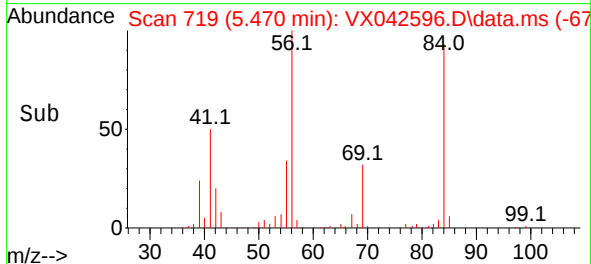
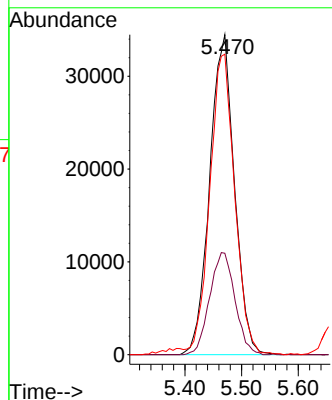
Tgt Ion: 56 Resp: 104600

Ion Ratio Lower Upper

56 100

69 32.6 26.1 39.1

84 94.4 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 49.246 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

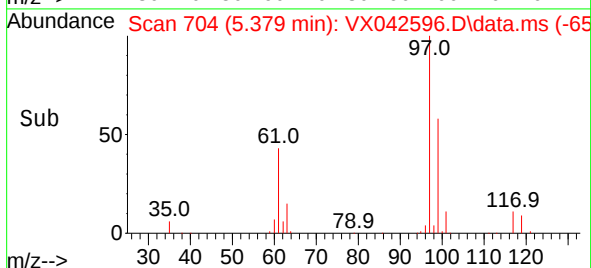
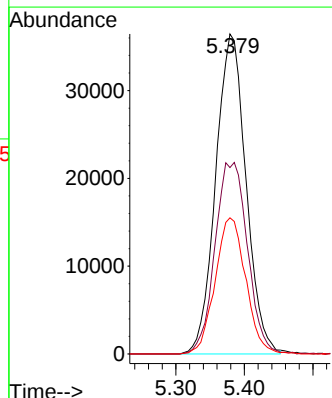
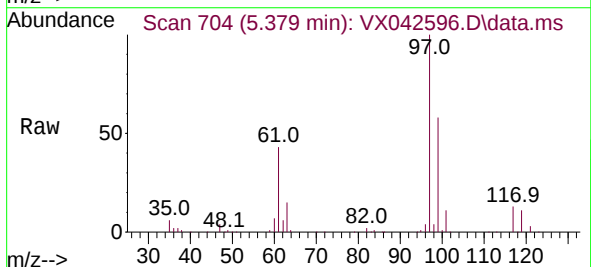
Tgt Ion: 97 Resp: 111955

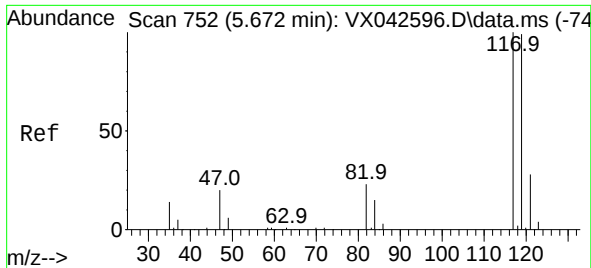
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 43.0 34.4 51.6

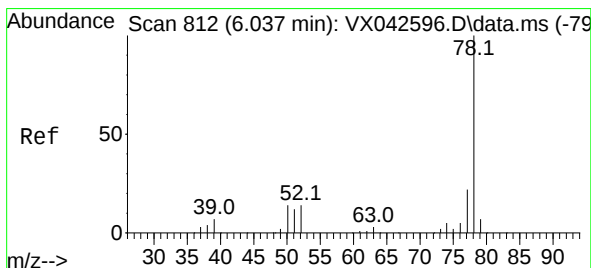
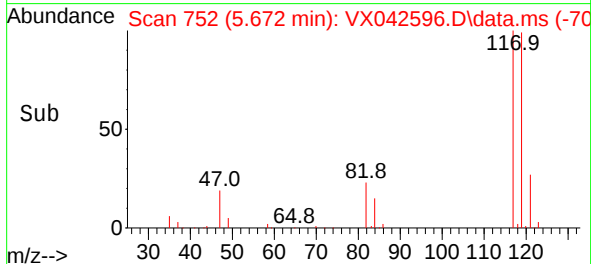
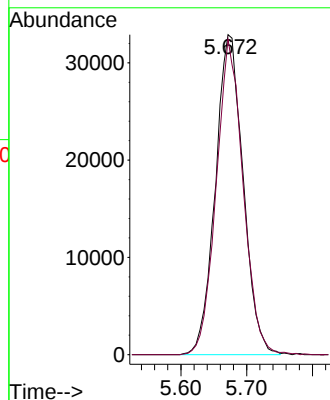
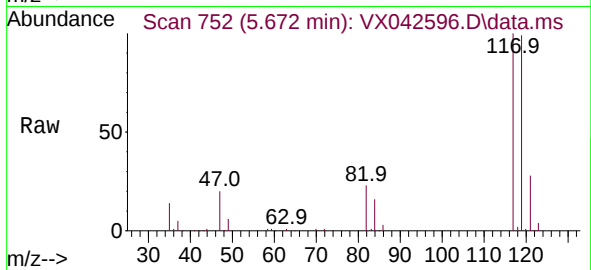




#31
Carbon tetrachloride
Concen: 50.292 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

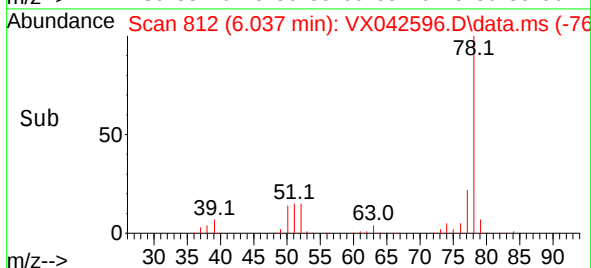
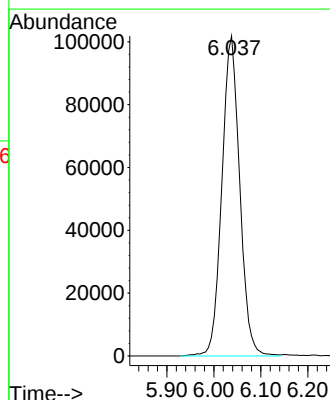
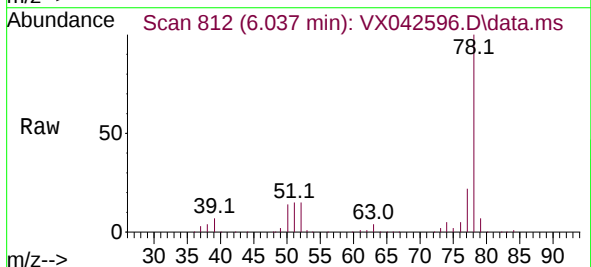
Instrument :
MSVOA_X
ClientSampleId :

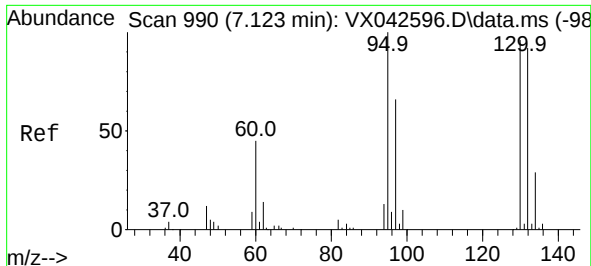
Tgt Ion:117 Resp: 96571
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2



#33
Benzene
Concen: 49.460 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt Ion: 78 Resp: 269396

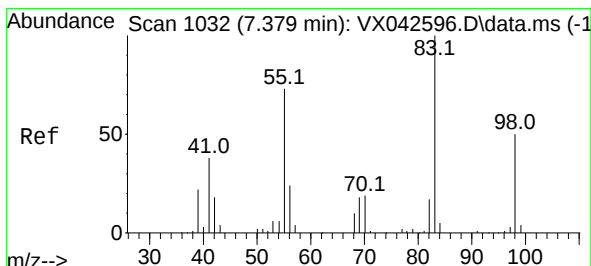
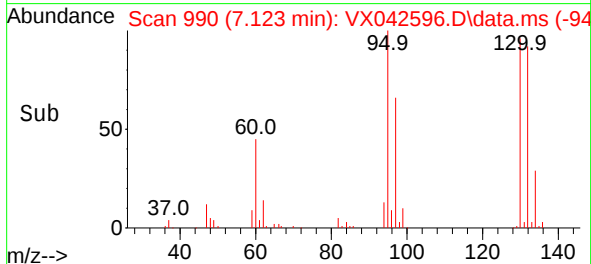
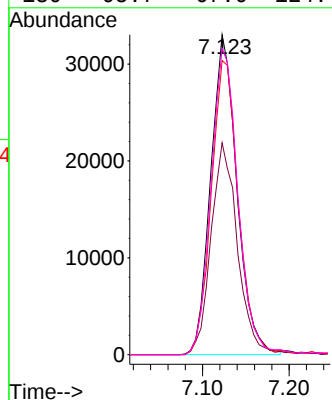
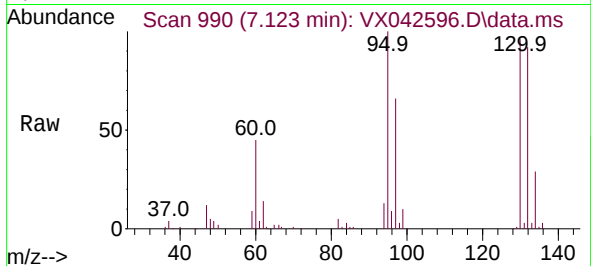




#34
Trichloroethene
Concen: 47.769 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

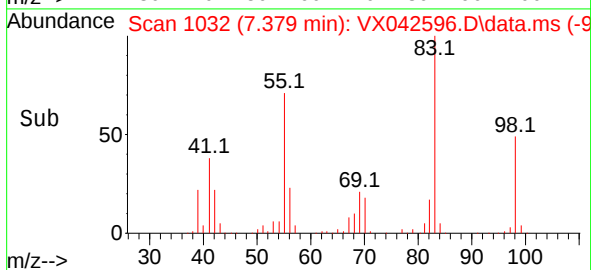
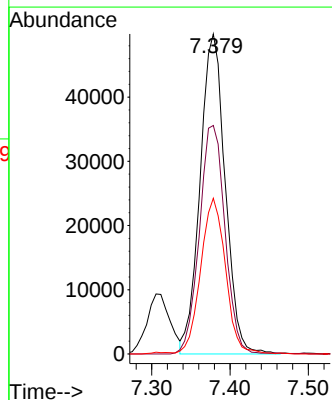
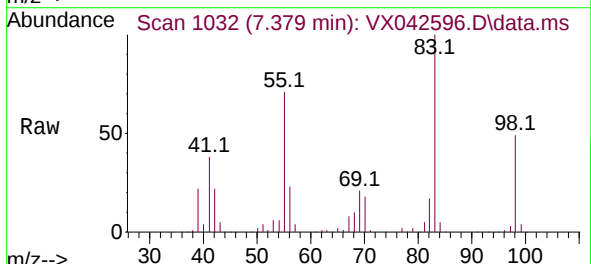
Instrument :
MSVOA_X
ClientSampleId :

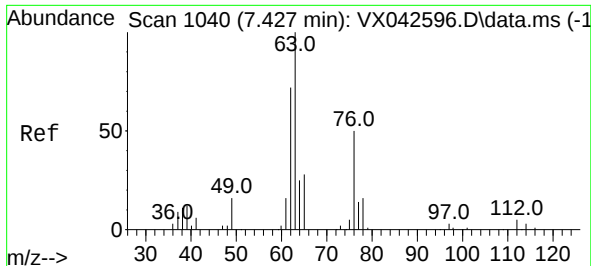
Tgt Ion: 95 Resp: 69512
Ion Ratio Lower Upper
95 100
97 66.2 46.3 86.1
132 91.9 64.3 119.5
130 95.7 67.0 124.4



#35
Methylcyclohexane
Concen: 50.382 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt Ion: 83 Resp: 110963
Ion Ratio Lower Upper
83 100
55 72.7 58.2 87.2
98 48.1 38.5 57.7





#37

1,2-Dichloropropane

Concen: 49.551 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

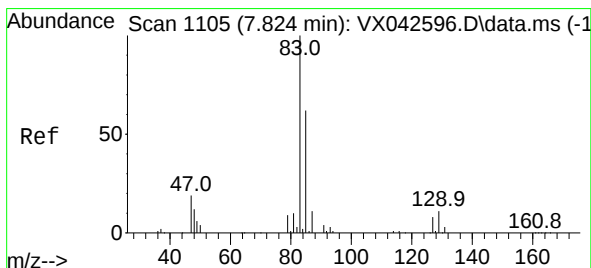
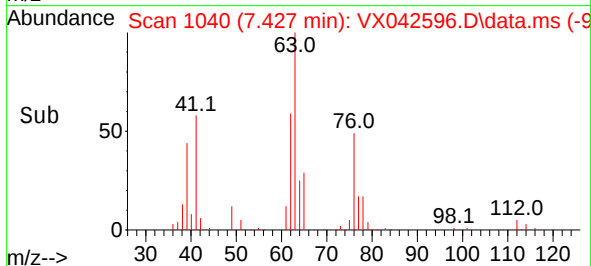
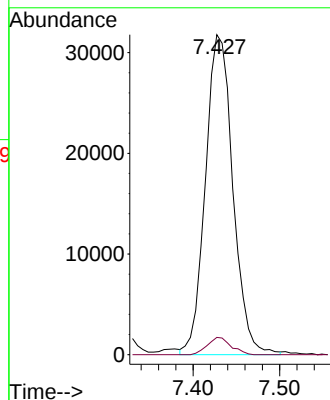
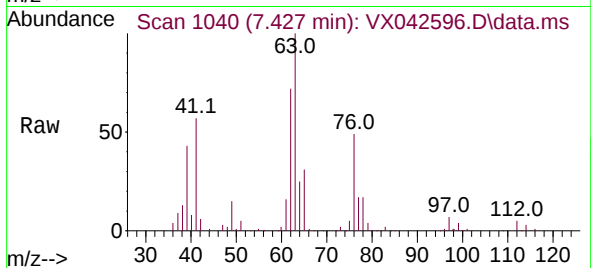
ClientSampleId :

Tgt Ion: 63 Resp: 70143

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 50.016 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

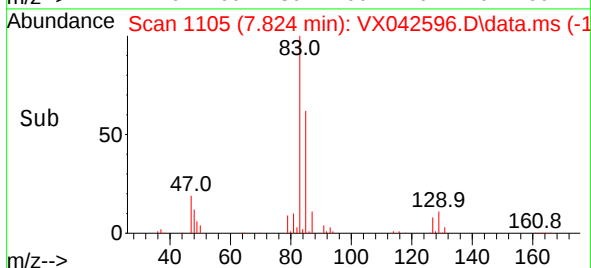
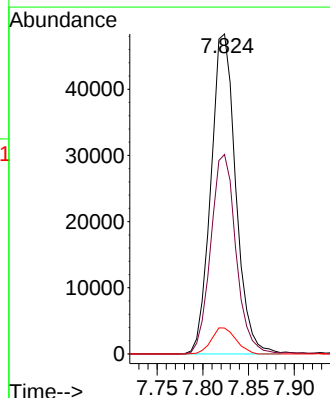
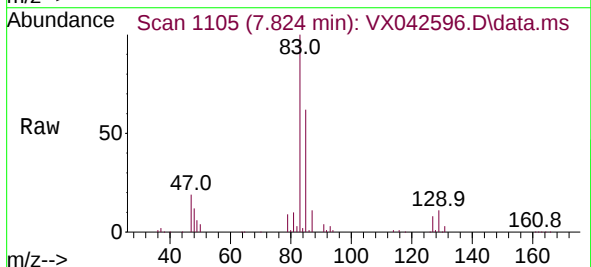
Tgt Ion: 83 Resp: 91508

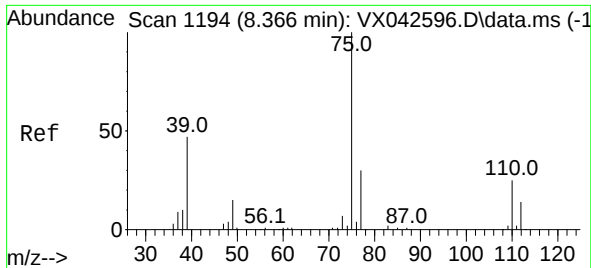
Ion Ratio Lower Upper

83 100

85 62.4 43.7 81.1

127 8.1 6.5 9.7

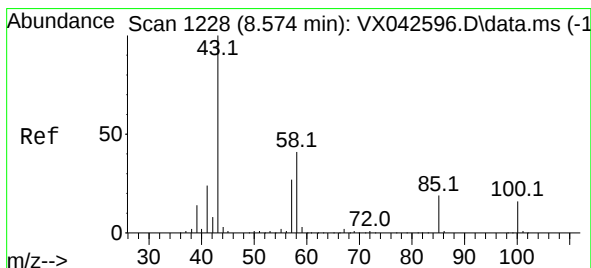
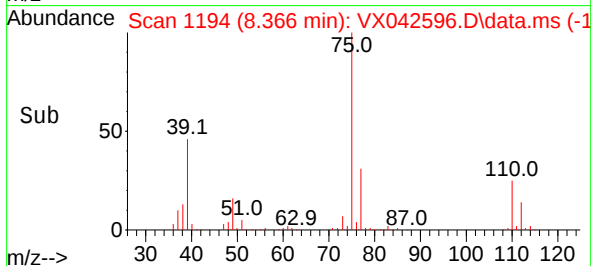
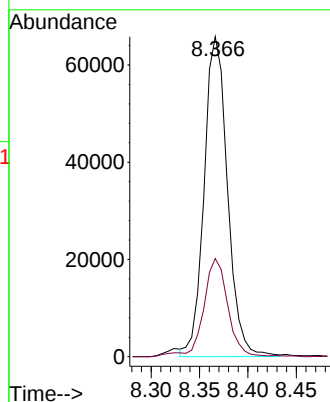
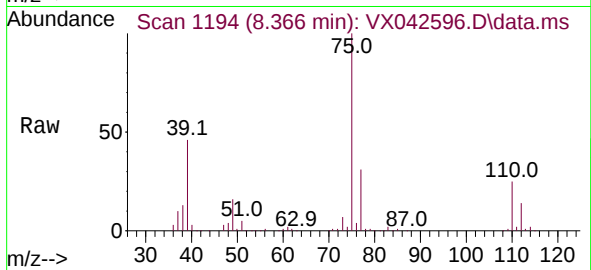




#39
 cis-1,3-Dichloropropene
 Concen: 51.042 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX042596.D
 Acq: 26 Jul 2024 13:43

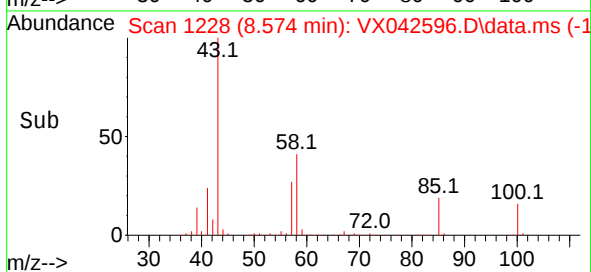
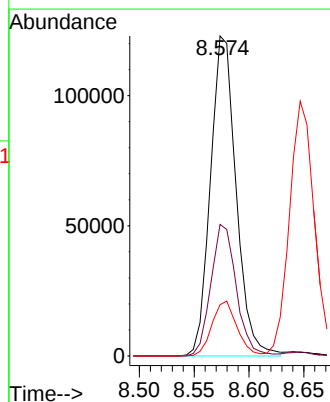
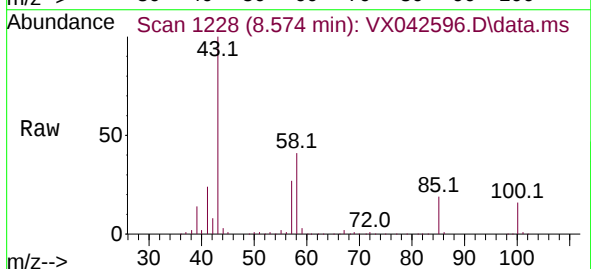
Instrument :
 MSVOA_X
 ClientSampleId :

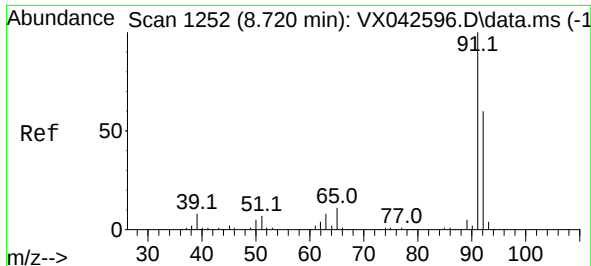
Tgt Ion: 75 Resp: 110907
 Ion Ratio Lower Upper
 75 100
 77 30.6 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 102.977 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: VX042596.D
 Acq: 26 Jul 2024 13:43

Tgt Ion: 43 Resp: 200556
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.4 48.6
 100 16.7 13.4 20.0





#42

Toluene

Concen: 50.236 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

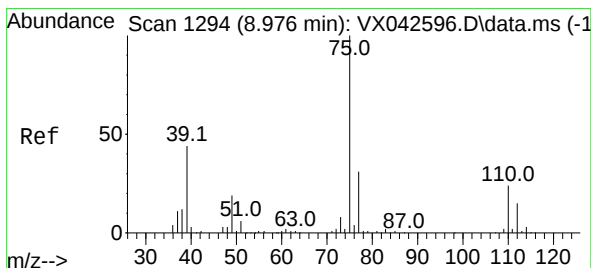
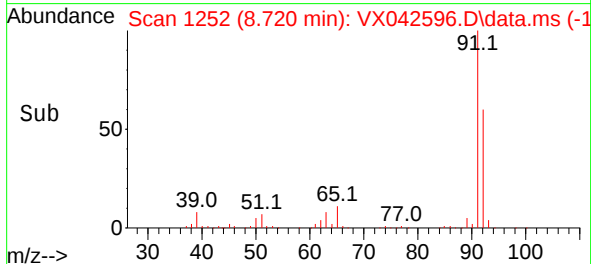
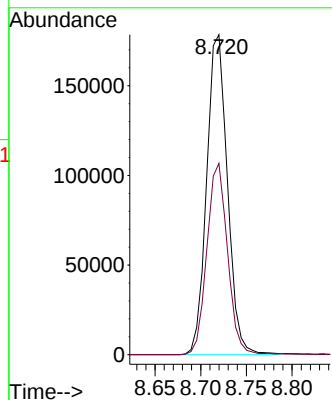
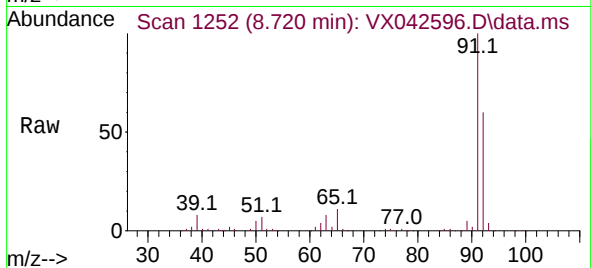
ClientSampleId :

Tgt Ion: 91 Resp: 281819

Ion Ratio Lower Upper

91 100

92 59.8 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 51.970 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042596.D

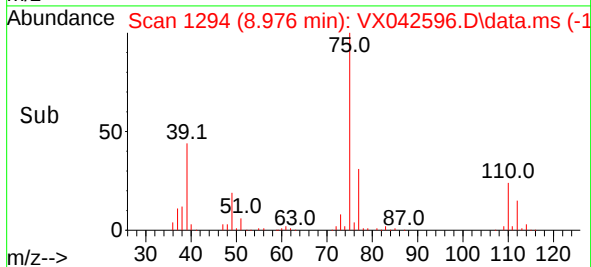
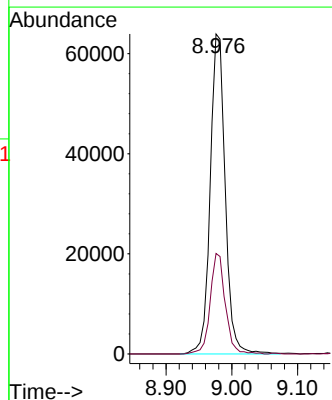
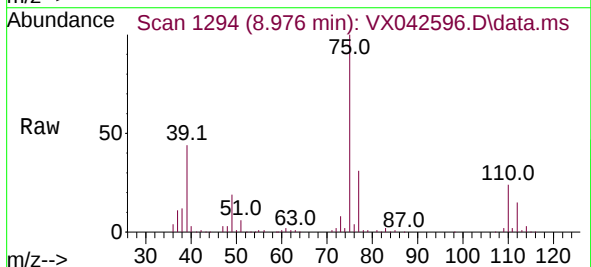
Acq: 26 Jul 2024 13:43

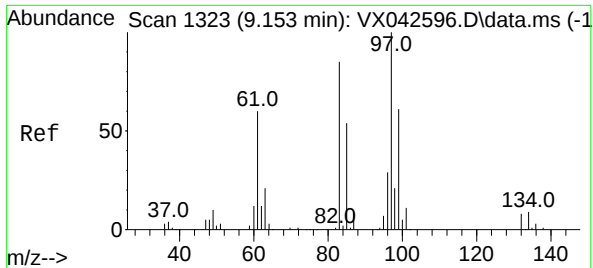
Tgt Ion: 75 Resp: 101562

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

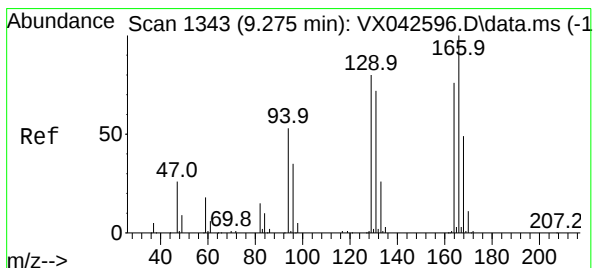
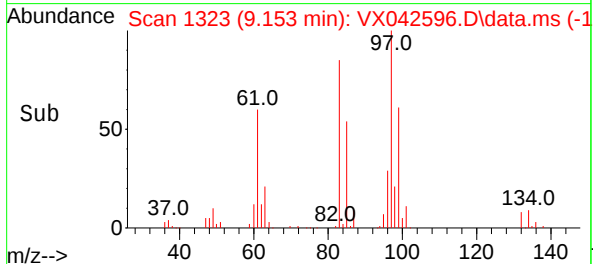
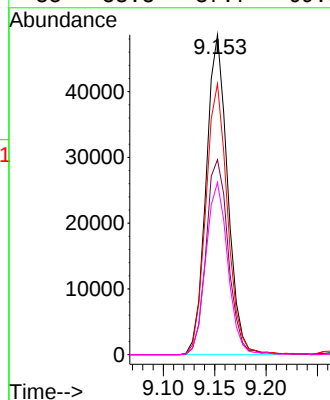
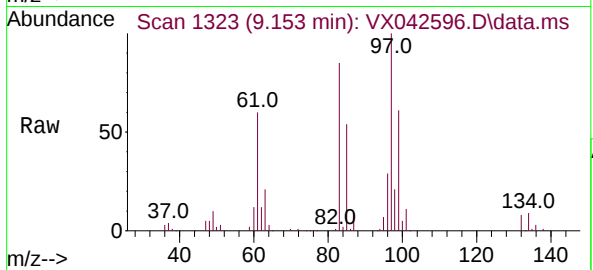




#45
1,1,2-Trichloroethane
Concen: 49.505 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

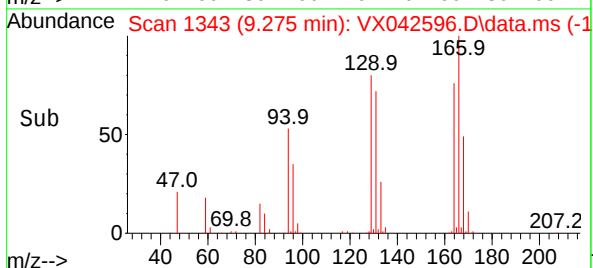
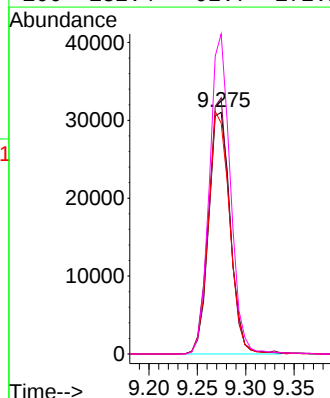
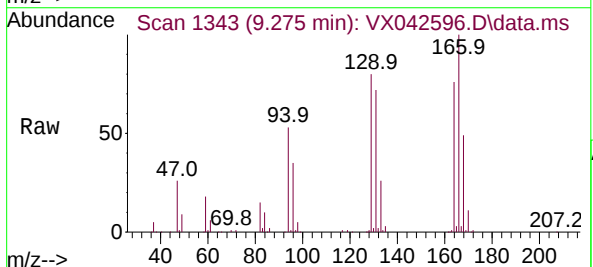
Instrument :
MSVOA_X
ClientSampleId :

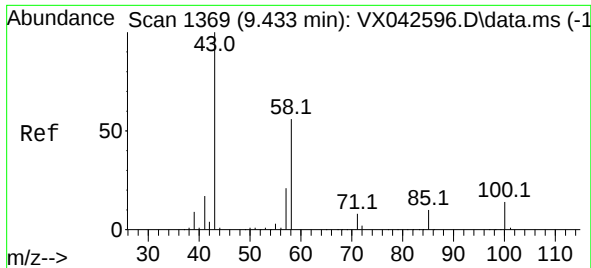
Tgt Ion: 97	Resp: 70778
Ion Ratio	Lower Upper
97 100	
99 60.9	42.6 79.2
83 84.7	59.3 110.1
85 53.8	37.7 69.9



#46
Tetrachloroethene
Concen: 48.604 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt	Ion:164	Resp:	48235
Ion	Ratio	Lower	Upper
164	100		
129	106.0	74.2	137.8
131	95.6	66.9	124.3
166	132.4	92.7	172.1

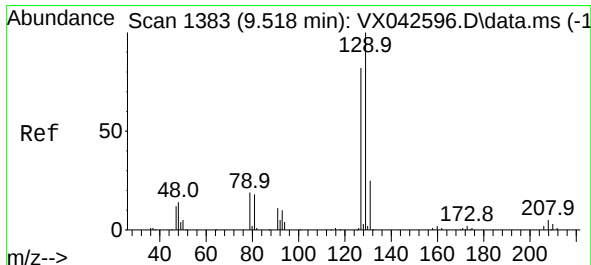
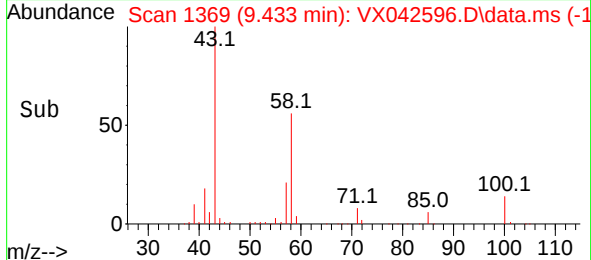
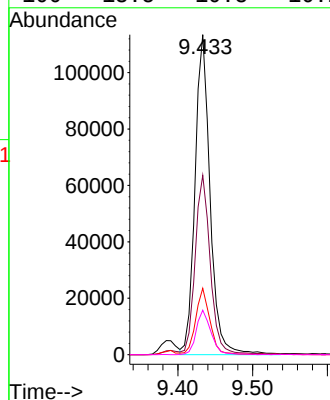
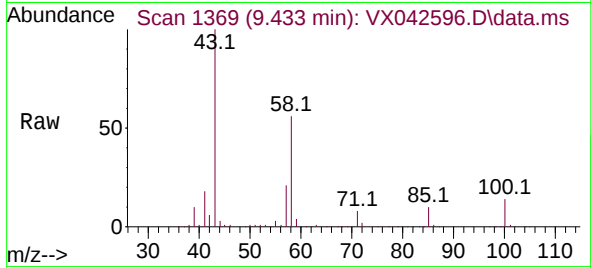




#48
2-Hexanone
Concen: 105.151 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

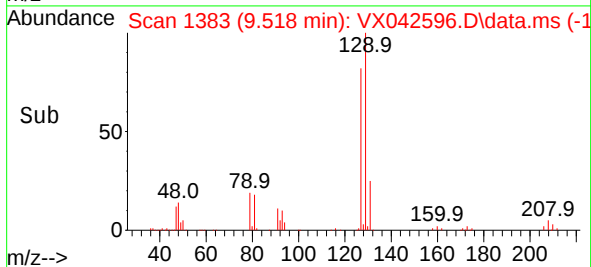
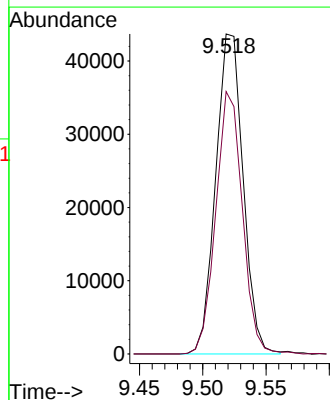
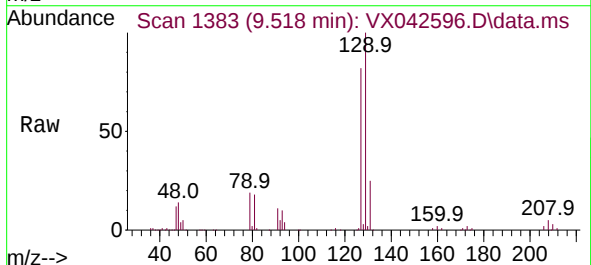
Instrument :
MSVOA_X
ClientSampleId :

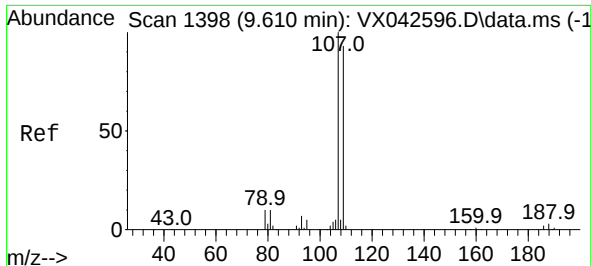
Tgt Ion: 43 Resp: 159271
Ion Ratio Lower Upper
43 100
58 56.1 44.9 67.3
57 19.7 15.8 23.6
100 13.5 10.8 16.2



#49
Dibromochloromethane
Concen: 49.287 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt Ion: 129 Resp: 65801
Ion Ratio Lower Upper
129 100
127 82.0 57.4 106.6

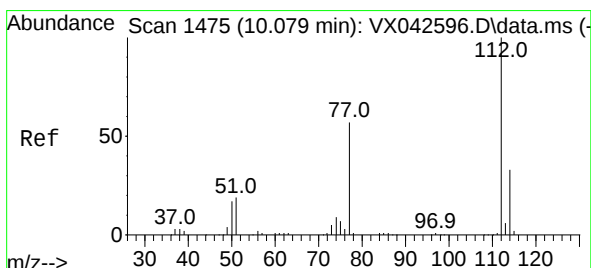
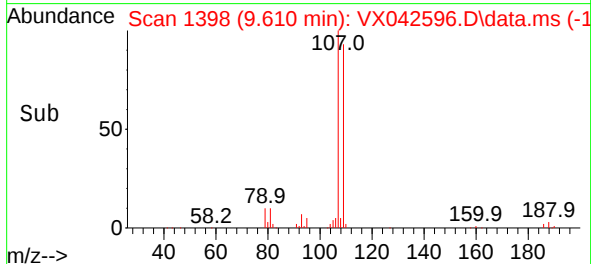
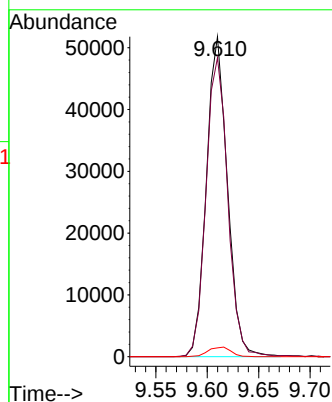
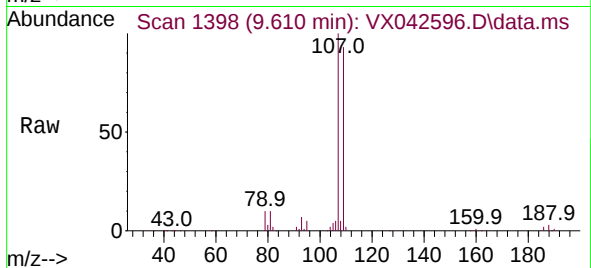




#50
1,2-Dibromoethane
Concen: 49.650 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

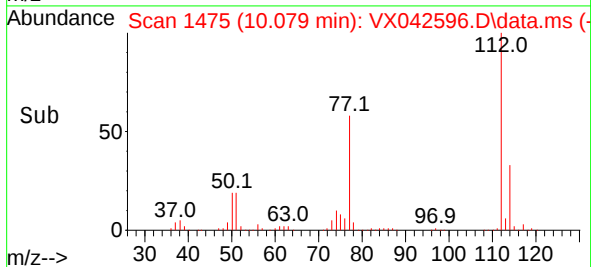
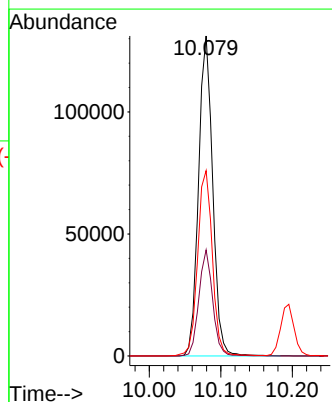
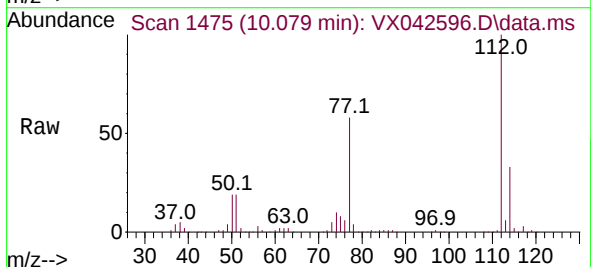
Instrument :
MSVOA_X
ClientSampleId :

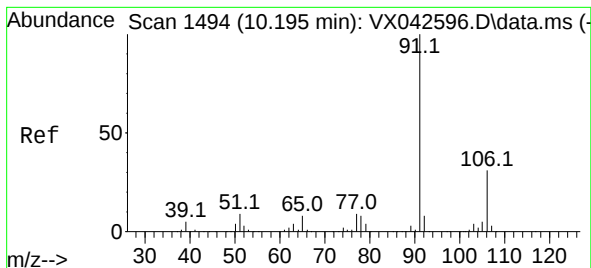
Tgt Ion:107 Resp: 73829
Ion Ratio Lower Upper
107 100
109 93.4 65.4 121.4
188 2.7 2.2 3.2



#51
Chlorobenzene
Concen: 49.601 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt Ion:112 Resp: 179941
Ion Ratio Lower Upper
112 100
114 33.2 23.2 43.2
77 57.9 46.3 69.5





#52

Ethylbenzene

Concen: 50.480 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

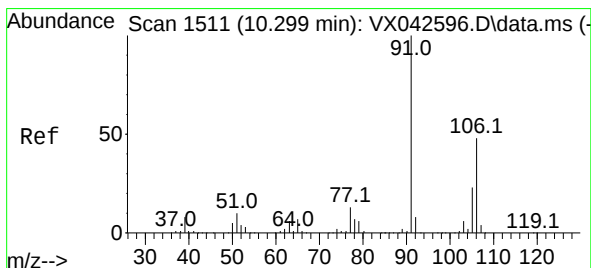
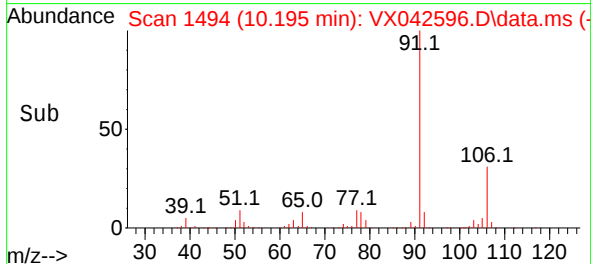
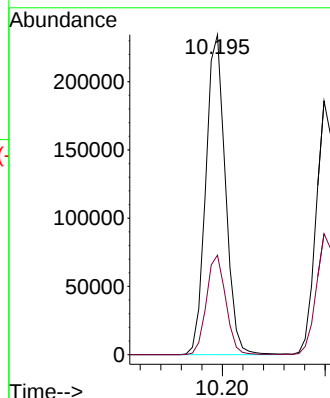
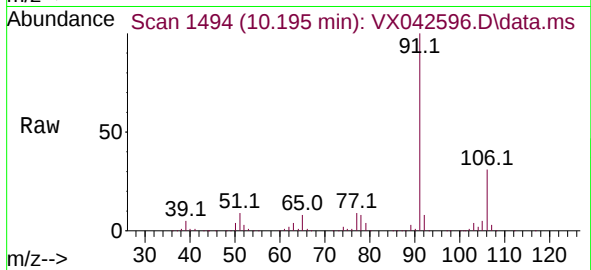
ClientSampleId :

Tgt Ion: 91 Resp: 310607

Ion Ratio Lower Upper

91 100

106 31.1 21.8 40.4



#53

m,p-Xylene

Concen: 50.669 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042596.D

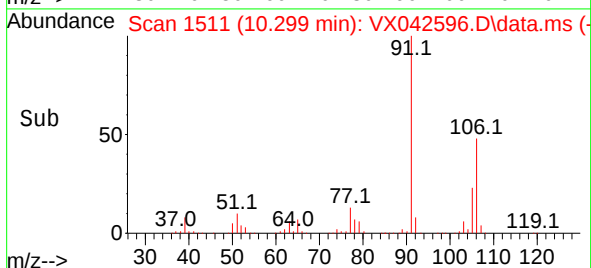
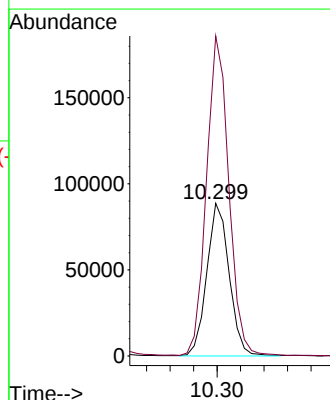
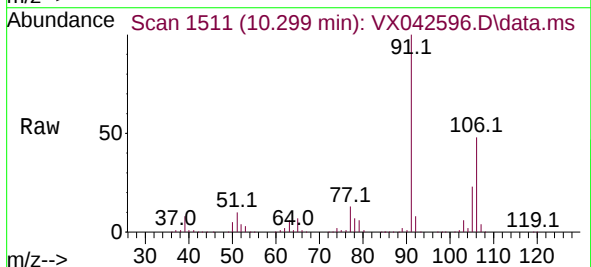
Acq: 26 Jul 2024 13:43

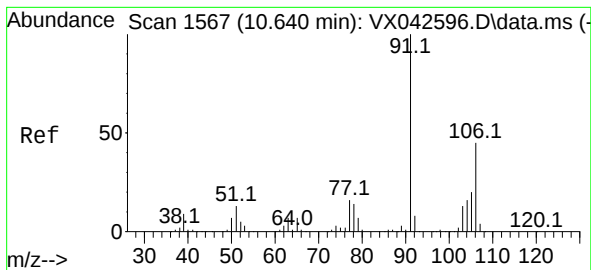
Tgt Ion: 106 Resp: 117450

Ion Ratio Lower Upper

106 100

91 209.7 146.8 272.6





#54

o-Xylene

Concen: 51.084 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

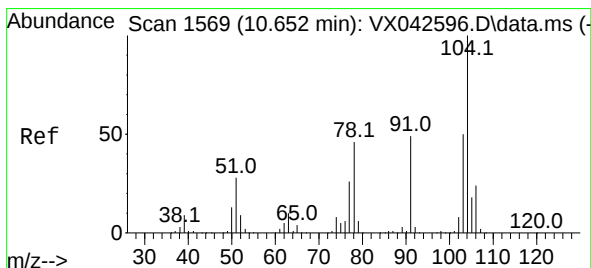
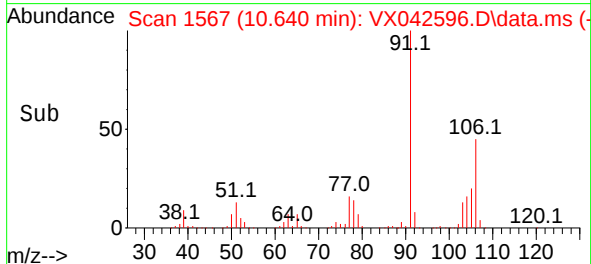
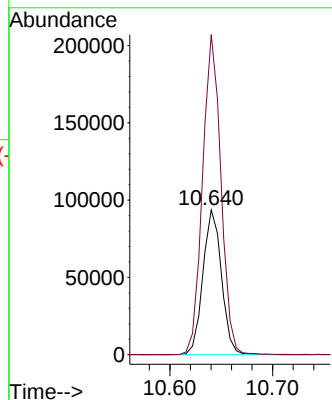
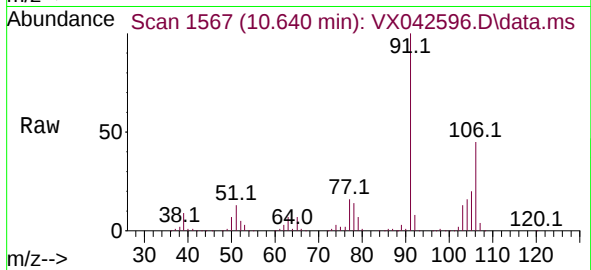
ClientSampleId :

Tgt Ion:106 Resp: 117793

Ion Ratio Lower Upper

106 100

91 220.9 154.6 287.2



#55

Styrene

Concen: 52.467 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX042596.D

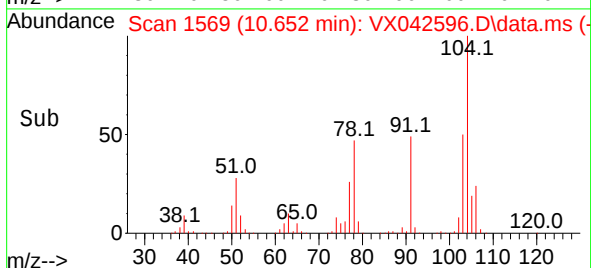
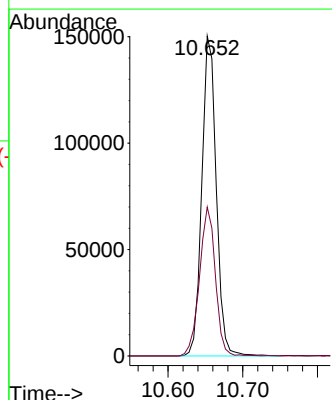
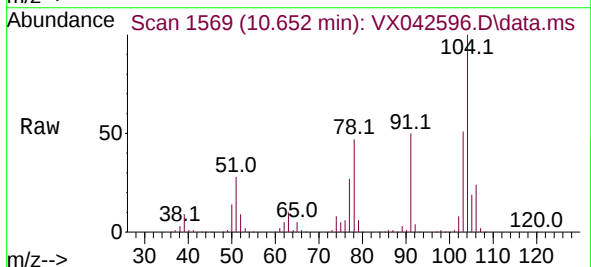
Acq: 26 Jul 2024 13:43

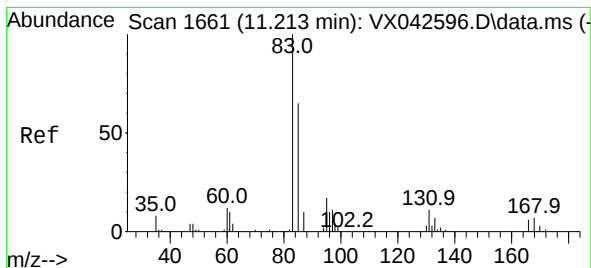
Tgt Ion:104 Resp: 201670

Ion Ratio Lower Upper

104 100

78 46.5 32.6 60.5

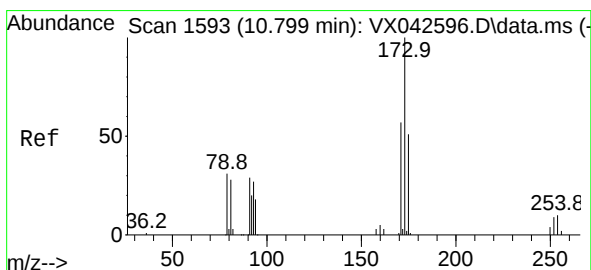
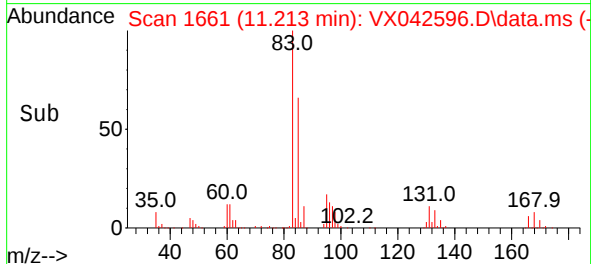
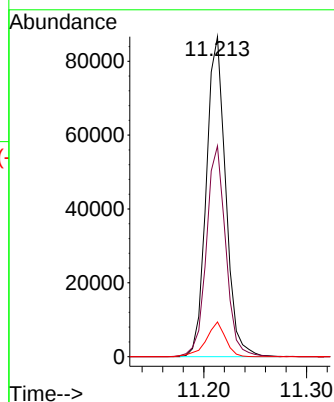
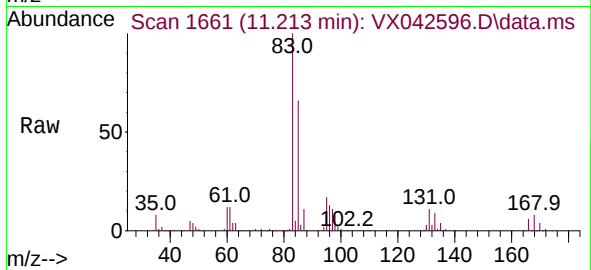




#57
1,1,2,2-Tetrachloroethane
Concen: 49.606 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

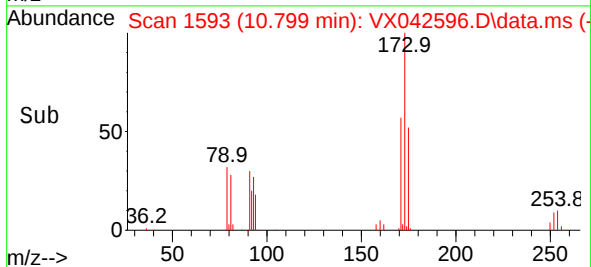
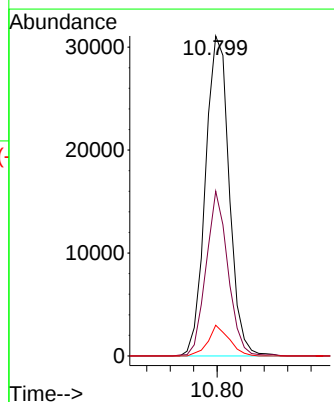
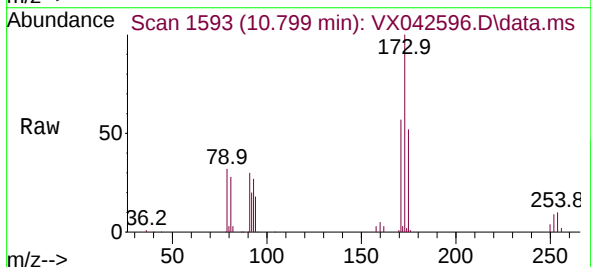
Instrument :
MSVOA_X
ClientSampleId :

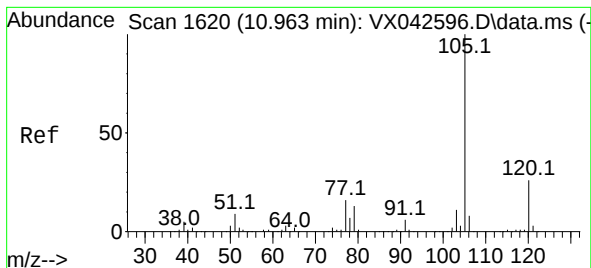
Tgt Ion: 83 Resp: 113415
Ion Ratio Lower Upper
83 100
85 65.8 46.1 85.5
131 10.8 8.6 13.0



#59
Bromoform
Concen: 48.249 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt Ion:173 Resp: 43628
Ion Ratio Lower Upper
173 100
175 46.8 37.4 56.2
254 8.5 6.8 10.2





#60

Isopropylbenzene

Concen: 49.901 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

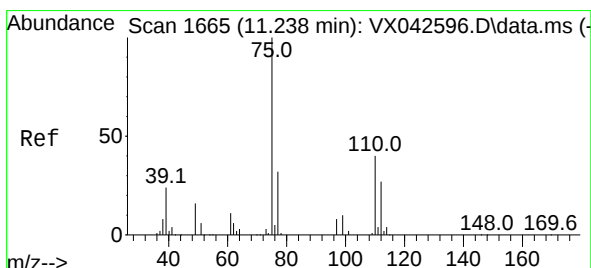
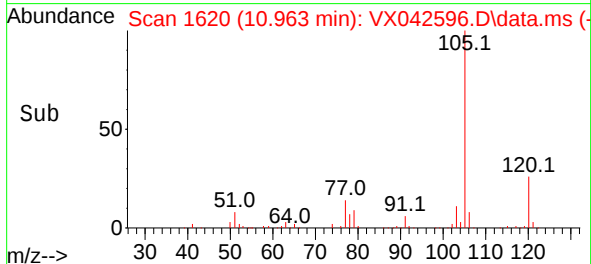
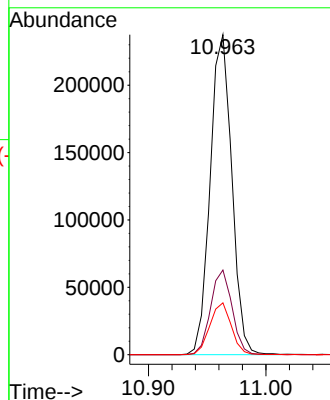
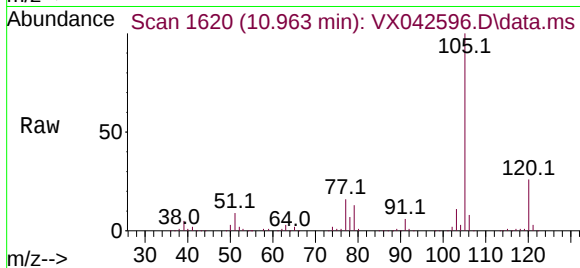
Tgt Ion:105 Resp: 303805

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

77 16.1 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 48.044 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

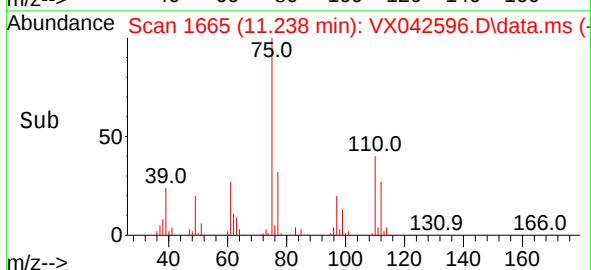
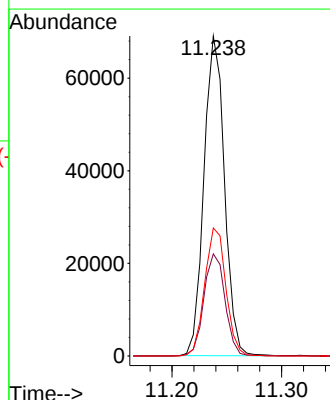
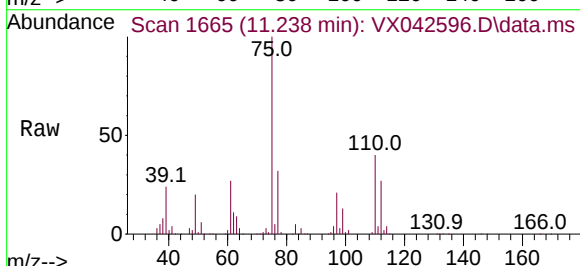
Tgt Ion: 75 Resp: 89557

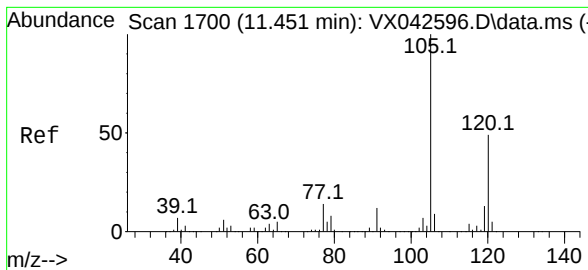
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4

110 41.2 33.0 49.4

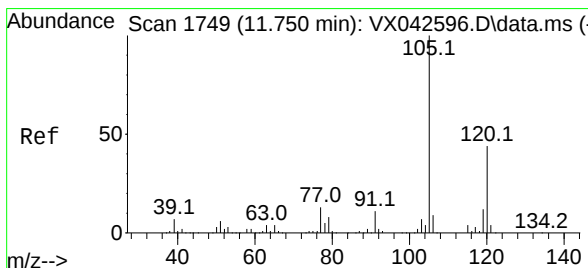
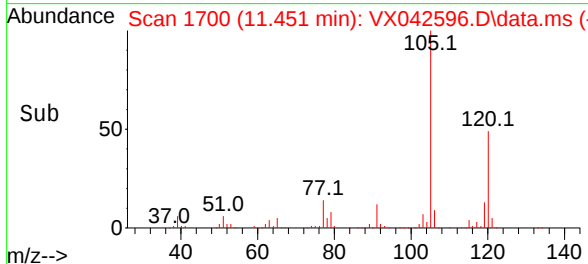
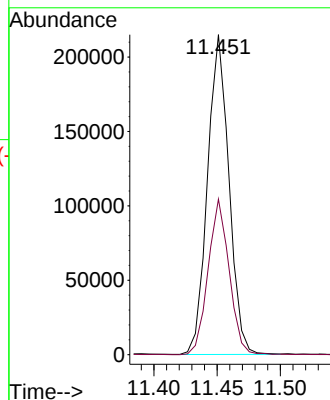
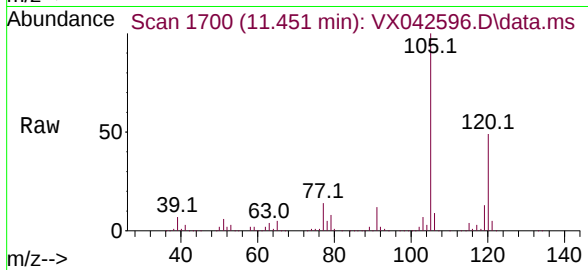




#62
1,3,5-Trimethylbenzene
Concen: 50.005 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

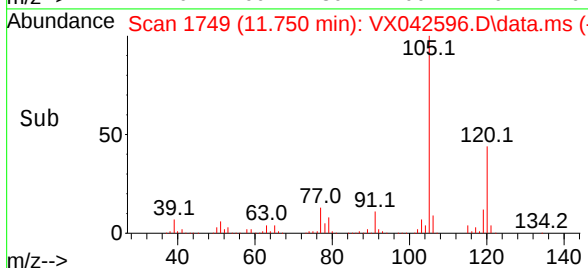
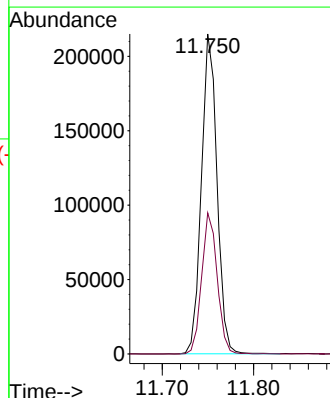
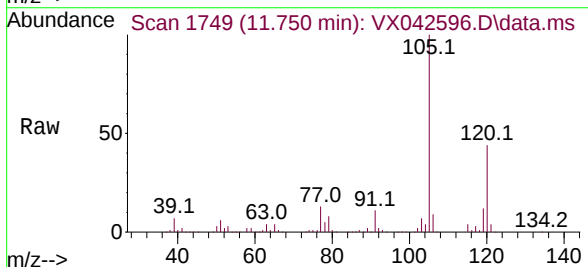
Instrument :
MSVOA_X
ClientSampleId :

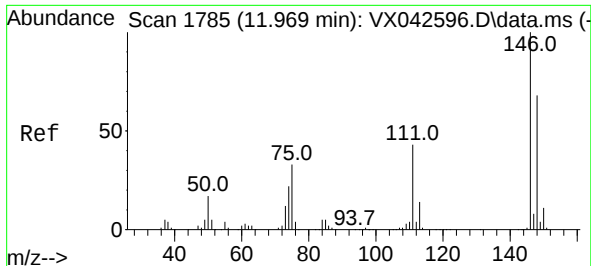
Tgt Ion:105 Resp: 253199
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 50.750 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

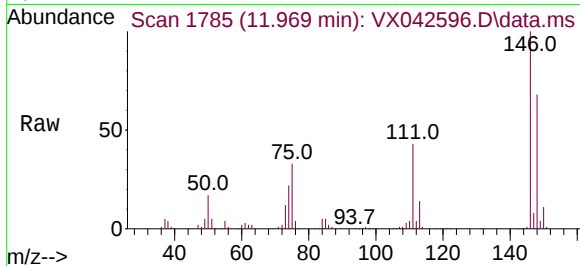
Tgt Ion:105 Resp: 253732
Ion Ratio Lower Upper
105 100
120 44.0 35.2 52.8



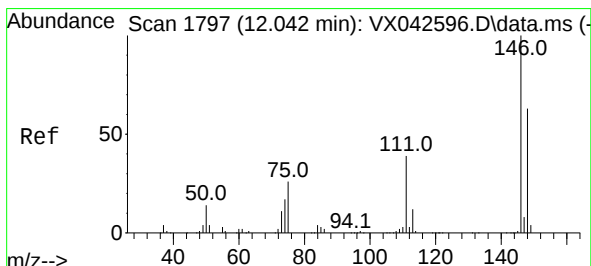
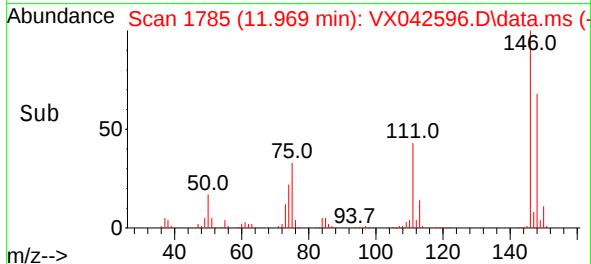
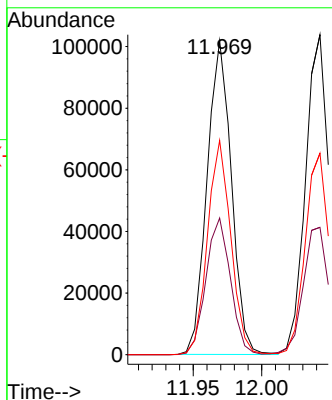


#64
1,3-Dichlorobenzene
Concen: 48.147 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Instrument :
MSVOA_X
ClientSampleId :

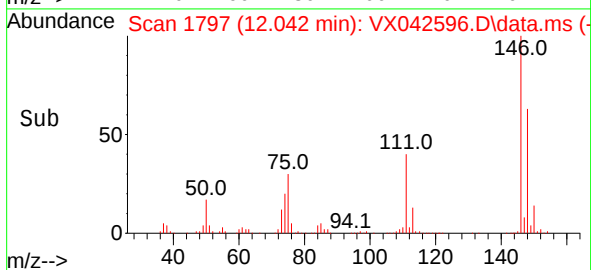
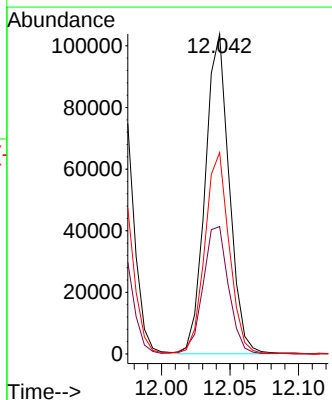
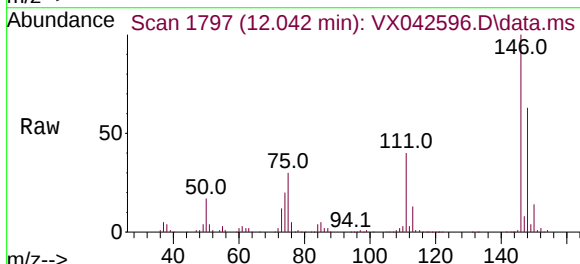


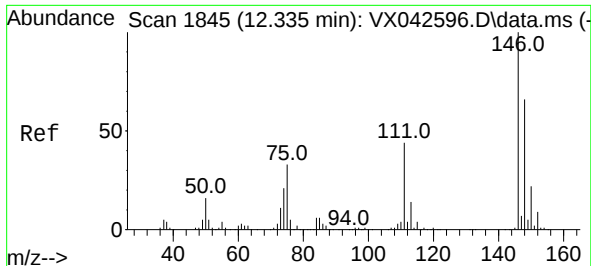
Tgt Ion:146 Resp: 126068
Ion Ratio Lower Upper
146 100
111 43.5 30.4 56.5
148 68.2 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 48.103 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt Ion:146 Resp: 126863
Ion Ratio Lower Upper
146 100
111 39.8 27.9 51.7
148 63.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 48.834 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

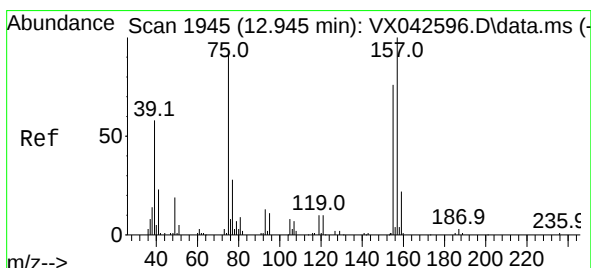
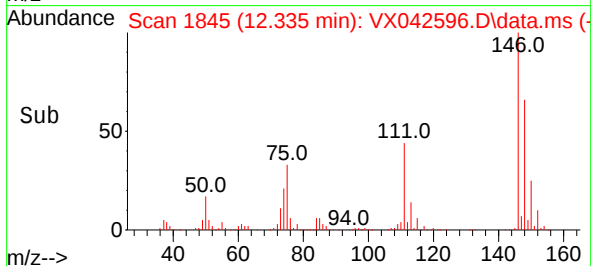
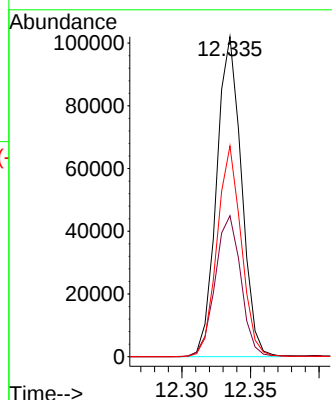
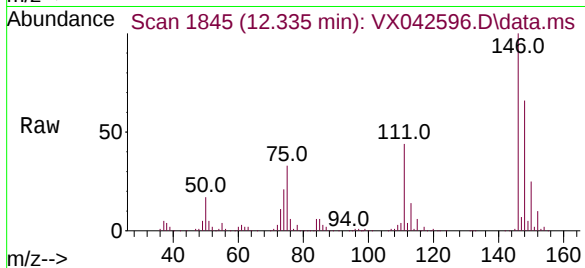
Tgt Ion:146 Resp: 128758

Ion Ratio Lower Upper

146 100

111 44.1 35.3 52.9

148 65.9 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 49.087 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

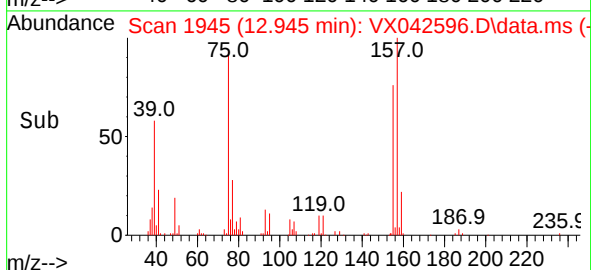
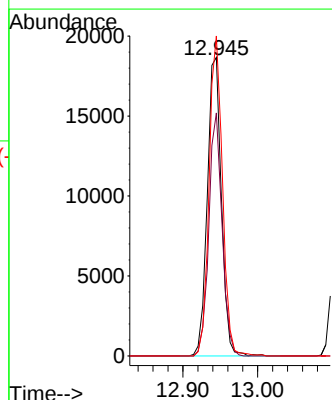
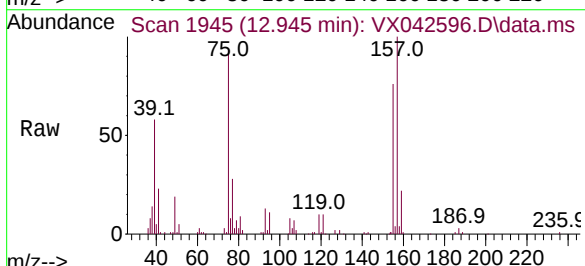
Tgt Ion: 75 Resp: 24377

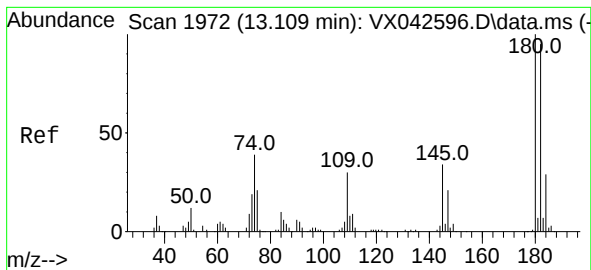
Ion Ratio Lower Upper

75 100

155 81.4 65.1 97.7

157 107.2 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 48.725 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

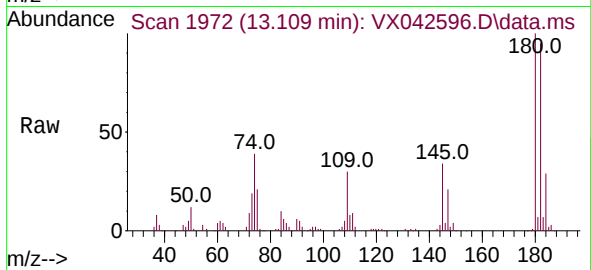
Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 79132

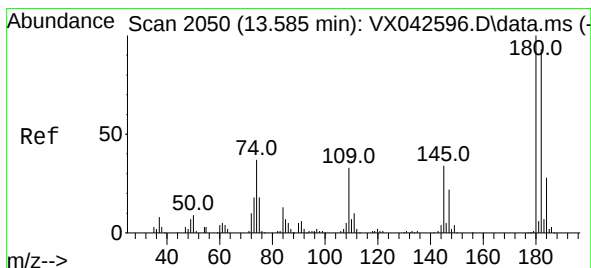
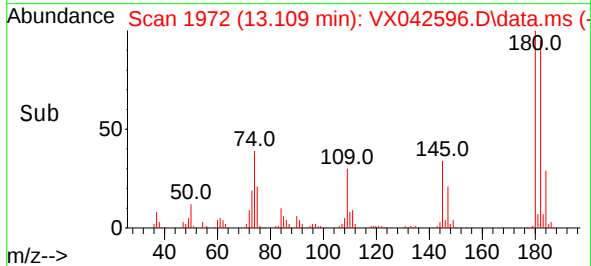
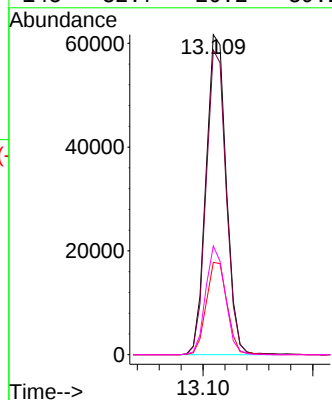
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

184 29.2 23.4 35.0

145 32.7 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 47.222 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042596.D

Acq: 26 Jul 2024 13:43

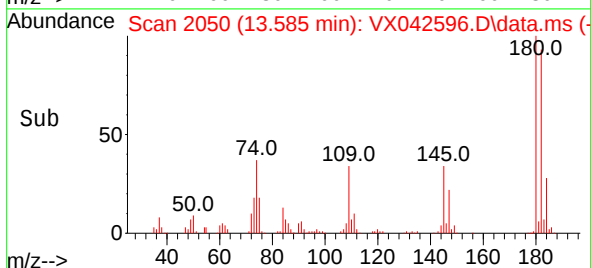
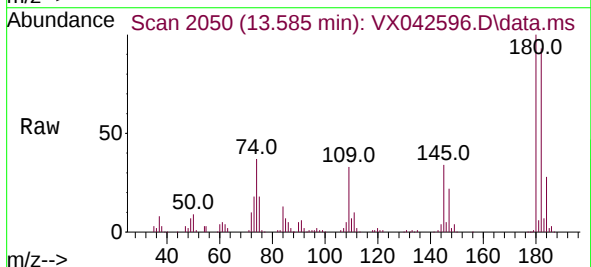
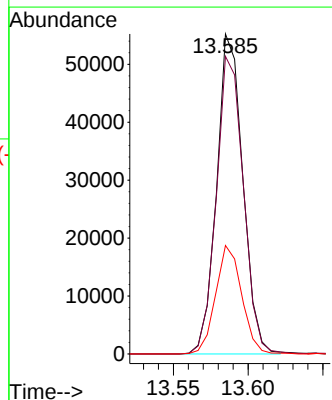
Tgt Ion:180 Resp: 67255

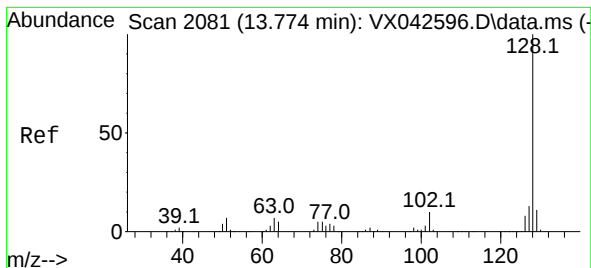
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

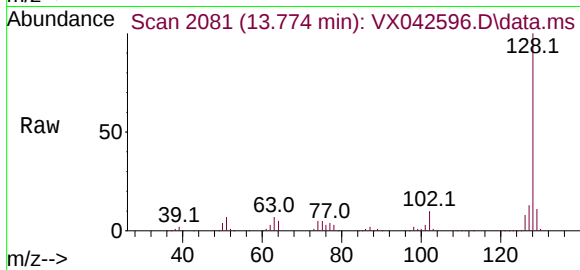
145 33.8 27.0 40.6



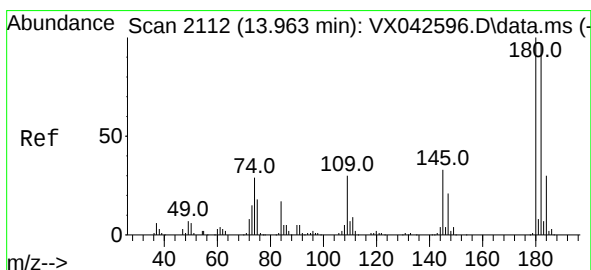
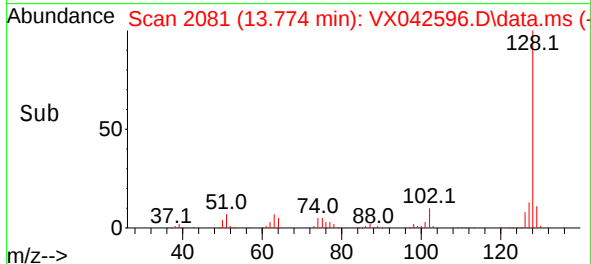
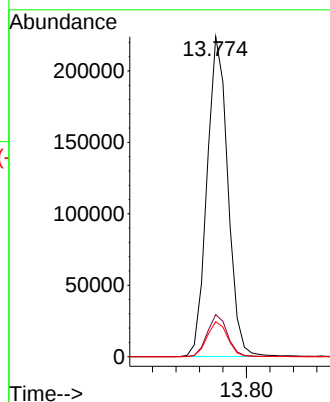


#71
Naphthalene
Concen: 50.170 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 275632
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.829 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042596.D
Acq: 26 Jul 2024 13:43

Tgt Ion:180 Resp: 73512
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 34.5 27.6 41.4

