

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041424.D
 Acq On : 09 May 2024 09:50
 Operator : JC/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 22:39:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 22:38:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	292416	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	270149	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142009	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	8091	4.879	ug/L	0.00
7) Chloroethane-d5	1.648	69	5982	4.916	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	4280	5.128	ug/L	0.00
21) 2-Butanone-d5	4.471	46	13440	10.870	ug/L	0.00
24) Chloroform-d	5.056	84	18849	5.140	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	17259	6.542	ug/L	0.00
32) Benzene-d6	5.964	84	36579	4.956	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	10627	4.846	ug/L	0.00
41) Toluene-d8	8.647	98	41634	5.462	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	4333	3.944	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	8712	8.526	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	15484	4.487	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	14702	5.067	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	9865	4.900	ug/L	99
3) Chloromethane	1.294	50	8052	4.689	ug/L	98
5) Vinyl chloride	1.374	62	8340	4.716	ug/L	96
6) Bromomethane	1.599	94	5674	4.603	ug/L	97
8) Chloroethane	1.666	64	5075	5.012	ug/L	100
9) Trichlorofluoromethane	1.867	101	15123	4.858	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	9714	5.079	ug/L	99
12) 1,1-Dichloroethene	2.306	96	8274	4.859	ug/L	98
13) Acetone	2.386	43	14624	11.520	ug/L	98
14) Carbon disulfide	2.501	76	19025	4.646	ug/L	96
15) Methyl Acetate	2.703	43	10931	5.102	ug/L	97
16) Methylene chloride	2.788	84	10103	5.358	ug/L	94
17) trans-1,2-Dichloroethene	3.087	96	8709	4.988	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	29895	5.019	ug/L	100
19) 1,1-Dichloroethane	3.605	63	16417	5.078	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	9923	4.923	ug/L	94
22) 2-Butanone	4.562	43	15967	10.073	ug/L	76
23) Bromochloromethane	4.891	128	5241	4.886	ug/L	94
25) Chloroform	5.086	83	17284	4.951	ug/L	98
27) 1,2-Dichloroethane	6.086	62	13944	4.793	ug/L	97
29) Cyclohexane	5.452	56	14549	4.843	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	14969	4.708	ug/L	97
31) Carbon tetrachloride	5.665	117	12881	4.563	ug/L	98
33) Benzene	6.031	78	36482	4.826	ug/L	100
34) Trichloroethene	7.123	95	9688	4.679	ug/L	98
35) Methylcyclohexane	7.372	83	15255	4.755	ug/L	97
37) 1,2-Dichloropropane	7.427	63	8391	4.408	ug/L	100
38) Bromodichloromethane	7.818	83	11394	4.429	ug/L	89
39) cis-1,3-Dichloropropene	8.366	75	12142	3.852	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	26543	8.665	ug/L	97
42) Toluene	8.714	91	37246	4.515	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	11036	3.754	ug/L	97

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Instrument :
 MSVOA_X
 ClientSampleId :

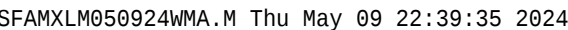
Quant Time: May 09 22:39:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 22:38:49 2024
 Response via : Initial Calibration

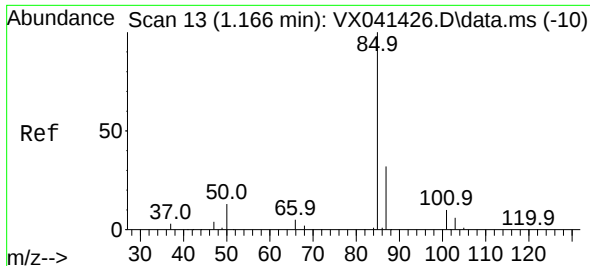
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	9.153	97	9742	4.628	ug/L	97
46) Tetrachloroethene	9.268	164	9359	4.723	ug/L	95
48) 2-Hexanone	9.433	43	22651	9.230	ug/L	98
49) Dibromochloromethane	9.518	129	9067	4.261	ug/L	98
50) 1,2-Dibromoethane	9.610	107	10307	4.707	ug/L	94
51) Chlorobenzene	10.079	112	26532	4.823	ug/L	97
52) Ethylbenzene	10.195	91	41779	4.616	ug/L	99
53) m,p-Xylene	10.299	106	16554	4.573	ug/L	96
54) o-Xylene	10.640	106	15952	4.324	ug/L	93
55) Styrene	10.652	104	25212	4.092	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	15503	4.439	ug/L	98
59) Bromoform	10.799	173	6489	3.905	ug/L #	92
60) Isopropylbenzene	10.963	105	41679	4.810	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	12347	5.086	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	27367	4.675	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	32817	4.627	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	21879	4.963	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	23009	5.128	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	23187	5.080	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	2799	4.285	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	16088	4.890	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	14328	4.769	ug/L	99
71) Naphthalene	13.774	128	37960	4.233	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	14690	4.689	ug/L	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 22:38:49 2024
Response via : Initial Calibration

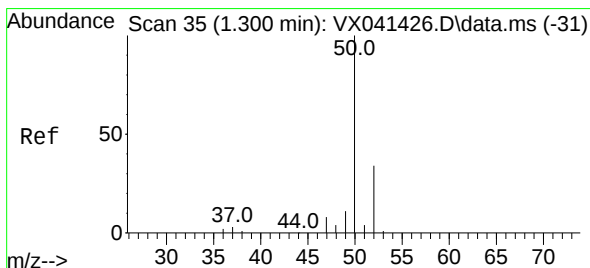
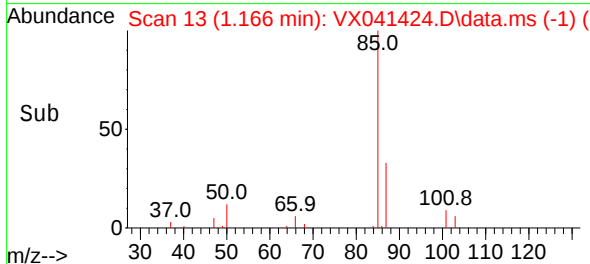
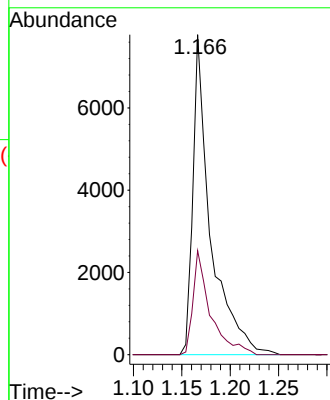
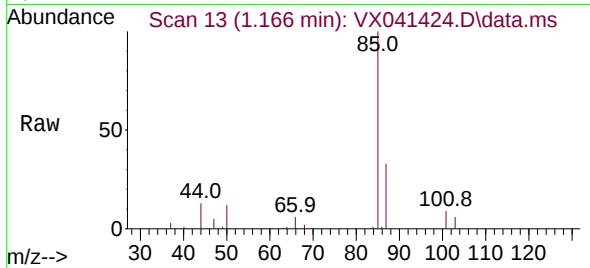




#2
 Dichlorodifluoromethane
 Concen: 4.900 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX041424.D
 Acq: 09 May 2024 09:50

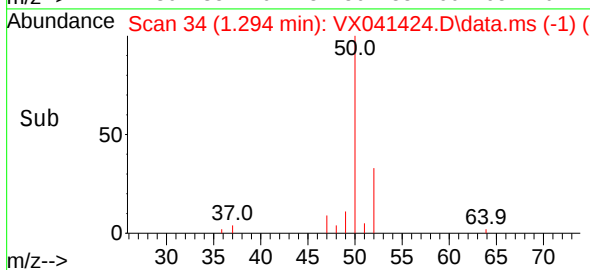
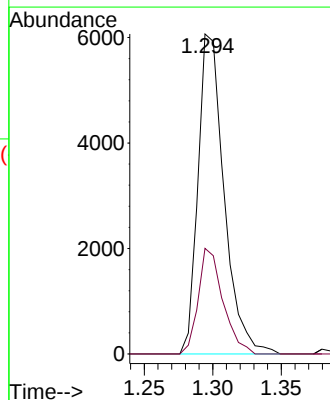
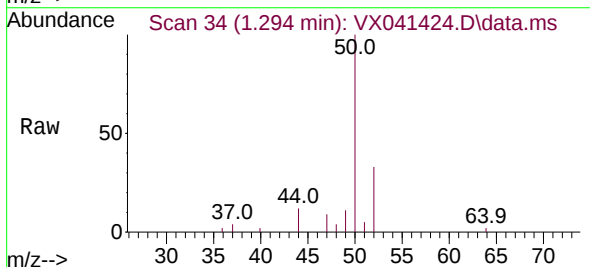
Instrument :
 MSVOA_X
 ClientSampleId :

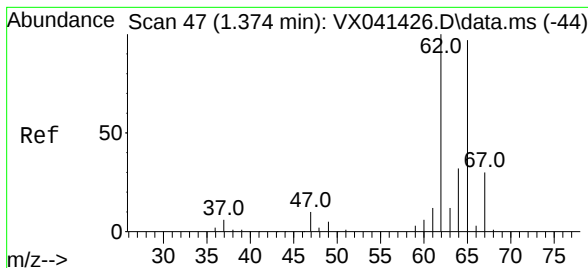
Tgt Ion: 85 Resp: 9865
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.2



#3
 Chloromethane
 Concen: 4.689 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VX041424.D
 Acq: 09 May 2024 09:50

Tgt Ion: 50 Resp: 8052
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 44.1





#5

Vinyl chloride

Concen: 4.716 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

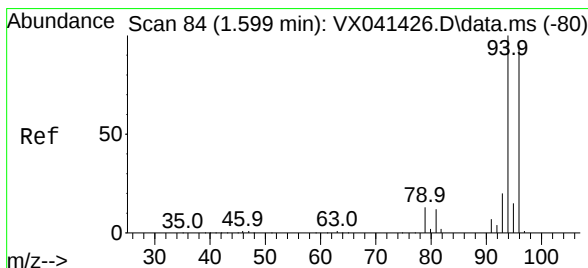
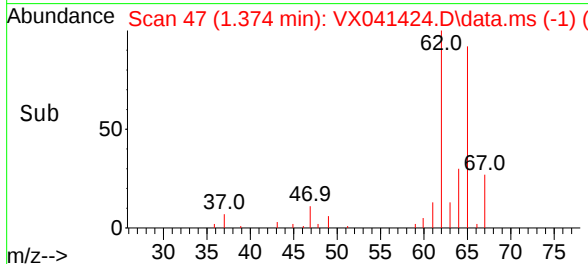
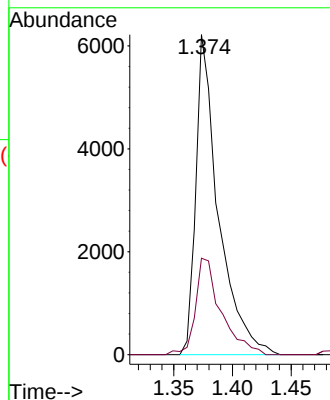
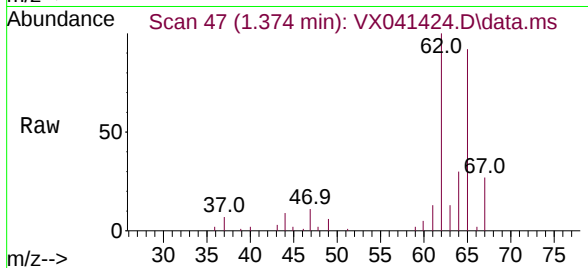
ClientSampleId :

Tgt Ion: 62 Resp: 8340

Ion Ratio Lower Upper

62 100

64 30.2 22.7 42.1



#6

Bromomethane

Concen: 4.603 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX041424.D

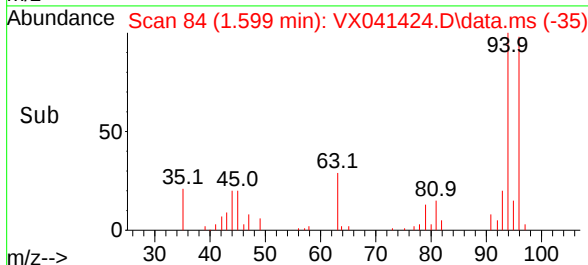
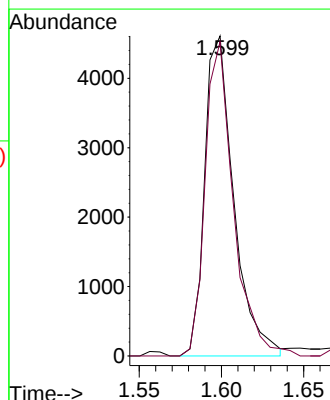
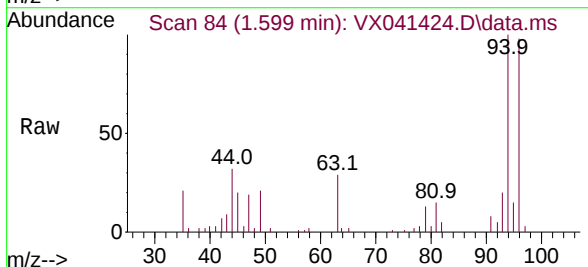
Acq: 09 May 2024 09:50

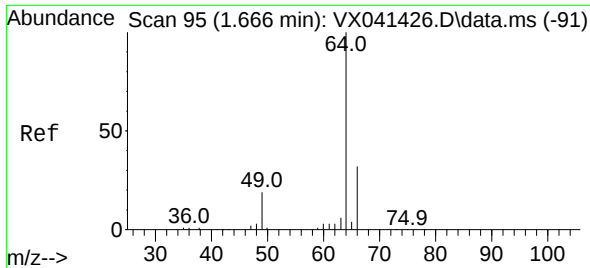
Tgt Ion: 94 Resp: 5674

Ion Ratio Lower Upper

94 100

96 98.2 66.6 123.8

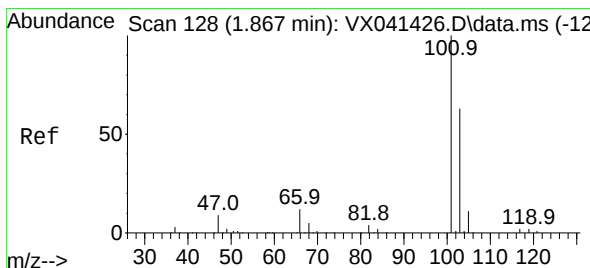
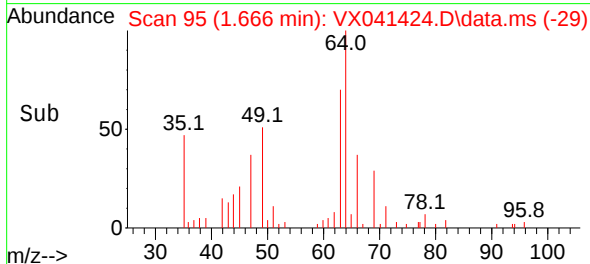
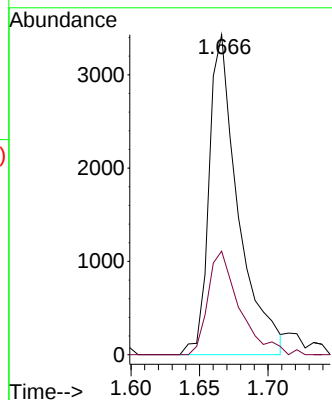
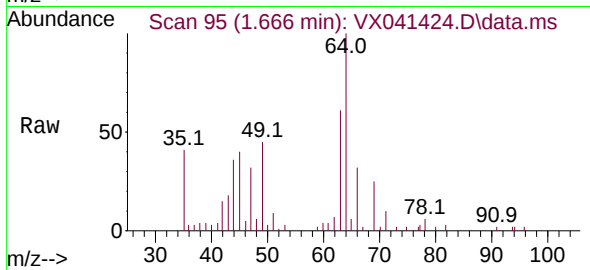




#8
Chloroethane
Concen: 5.012 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

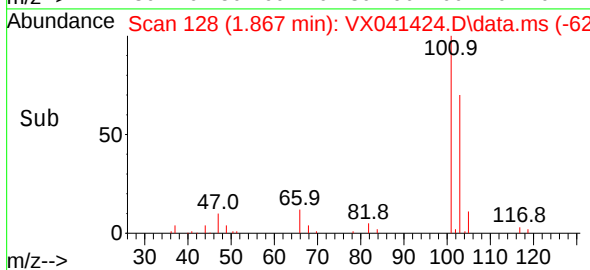
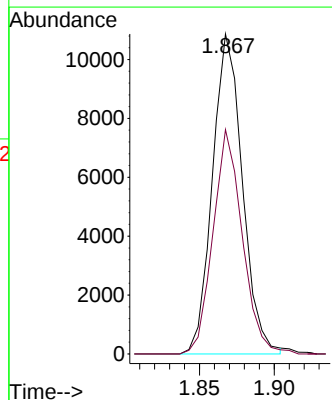
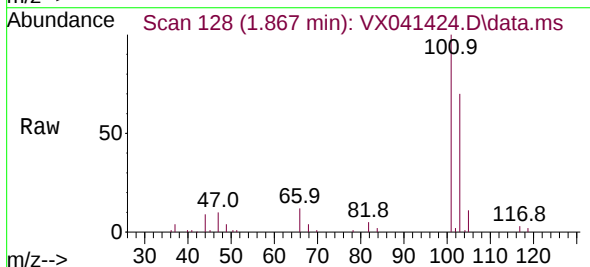
Instrument :
MSVOA_X
ClientSampleId :

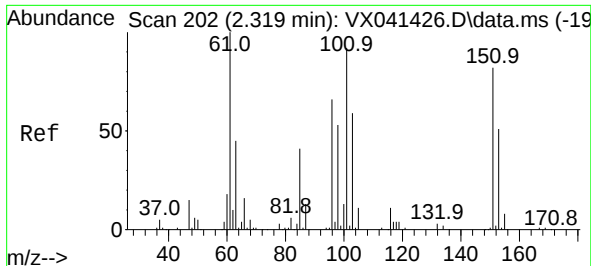
Tgt Ion: 64 Resp: 5075
Ion Ratio Lower Upper
64 100
66 32.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.858 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

Tgt Ion:101 Resp: 15123
Ion Ratio Lower Upper
101 100
103 68.6 51.7 77.5





#10

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

Concen: 5.079 ug/L

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

ClientSampleId :

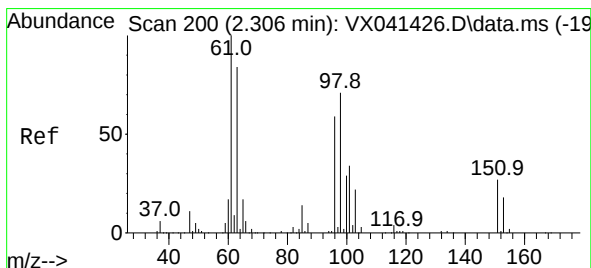
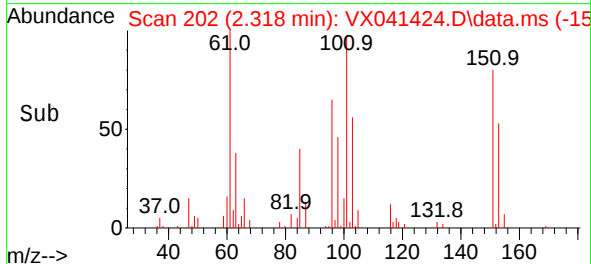
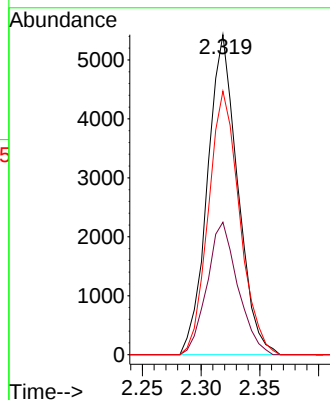
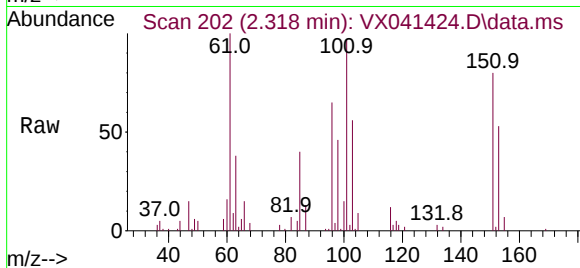
Tgt Ion:101 Resp: 9714

Ion Ratio Lower Upper

101 100

85 42.1 33.4 50.2

151 84.8 68.7 103.1



#12

1,1-Dichloroethene

Concen: 4.859 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

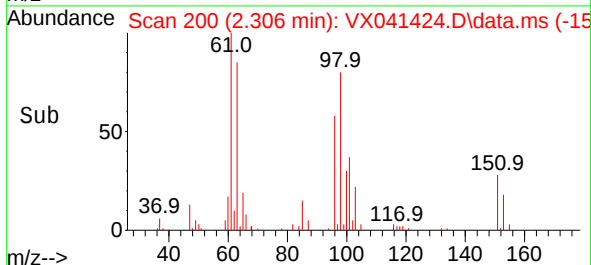
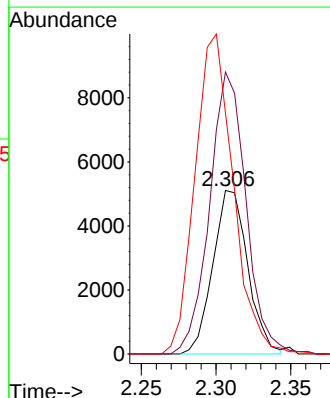
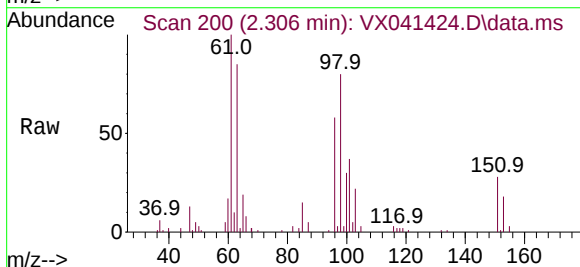
Tgt Ion: 96 Resp: 8274

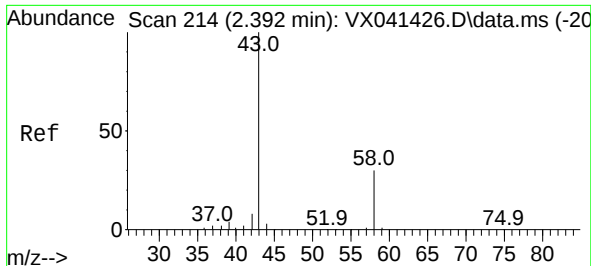
Ion Ratio Lower Upper

96 100

61 172.5 119.3 221.7

63 147.3 100.0 185.8





#13

Acetone

Concen: 11.520 ug/L

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

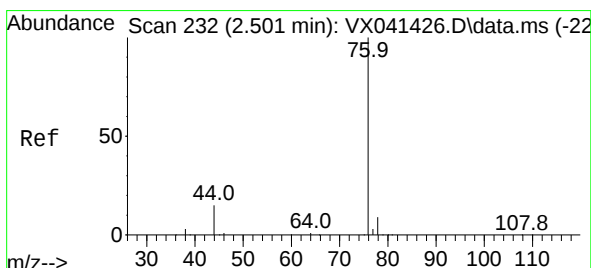
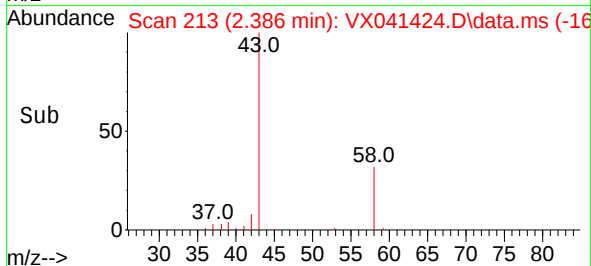
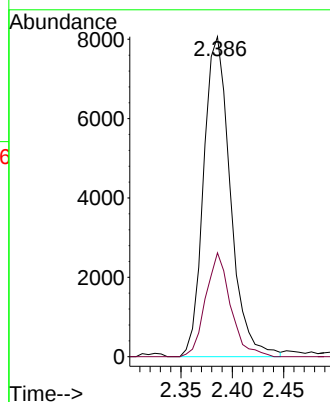
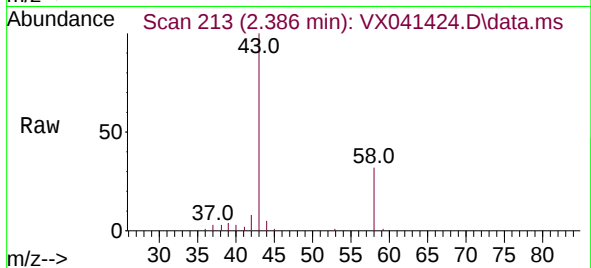
ClientSampleId :

Tgt Ion: 43 Resp: 14624

Ion Ratio Lower Upper

43 100

58 30.2 0.0 58.0



#14

Carbon disulfide

Concen: 4.646 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX041424.D

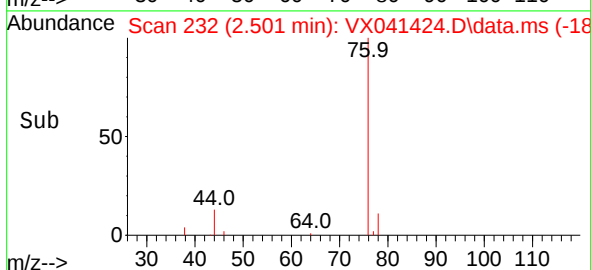
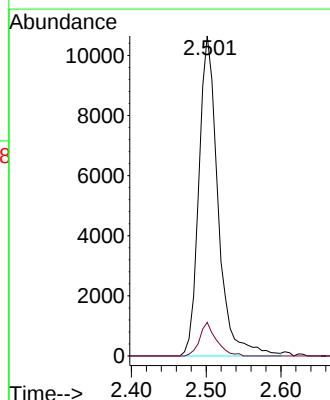
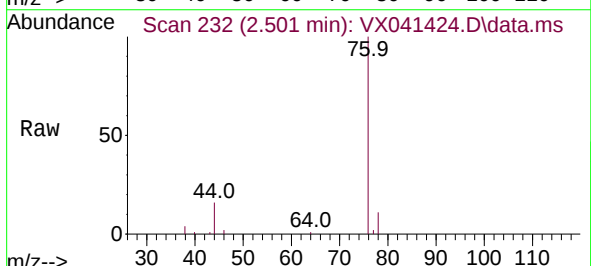
Acq: 09 May 2024 09:50

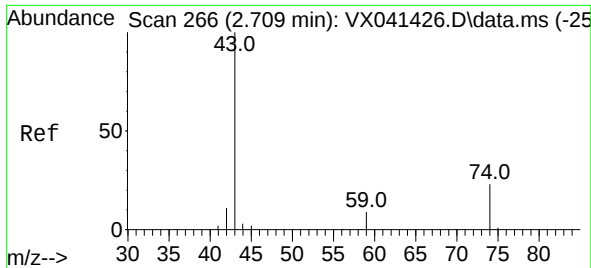
Tgt Ion: 76 Resp: 19025

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9





#15

Methyl Acetate

Concen: 5.102 ug/L

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

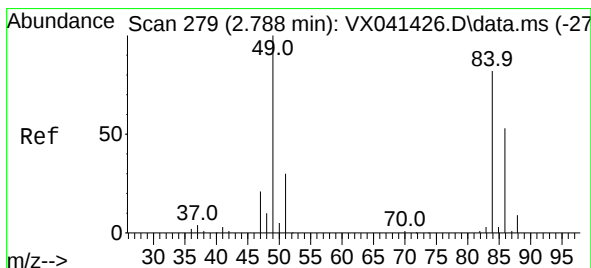
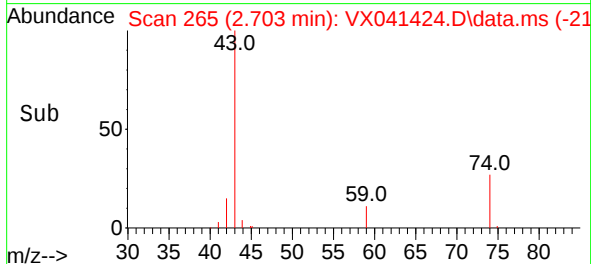
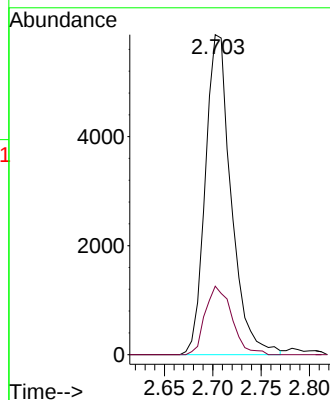
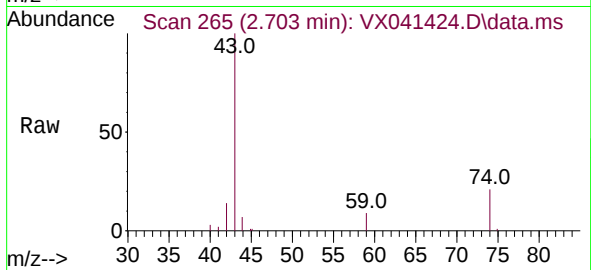
ClientSampleId :

Tgt Ion: 43 Resp: 10931

Ion Ratio Lower Upper

43 100

74 21.9 18.5 27.7



#16

Methylene chloride

Concen: 5.358 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

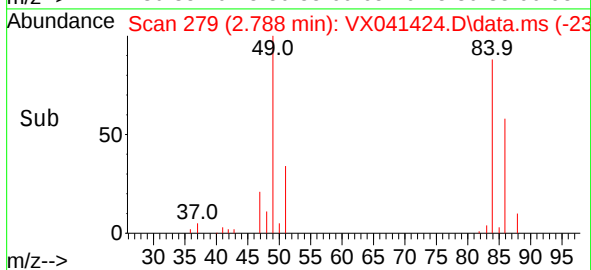
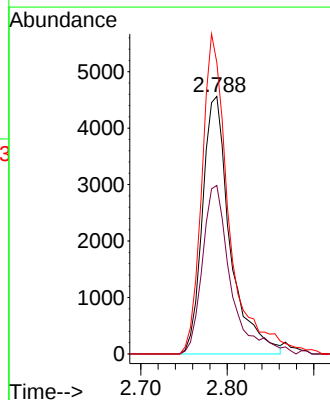
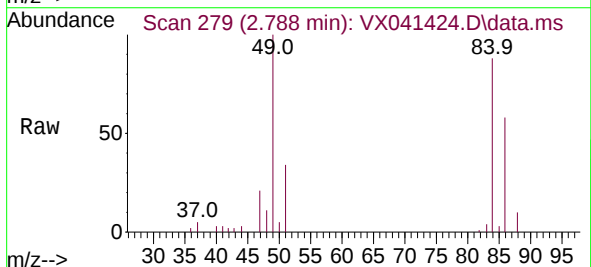
Tgt Ion: 84 Resp: 10103

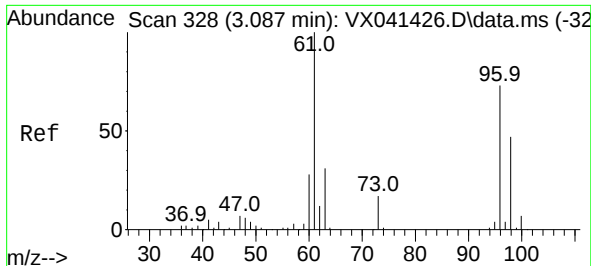
Ion Ratio Lower Upper

84 100

86 65.4 44.9 83.5

49 113.1 85.5 158.7





#17

trans-1,2-Dichloroethene

Concen: 4.988 ug/L

RT: 3.087 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

ClientSampleId :

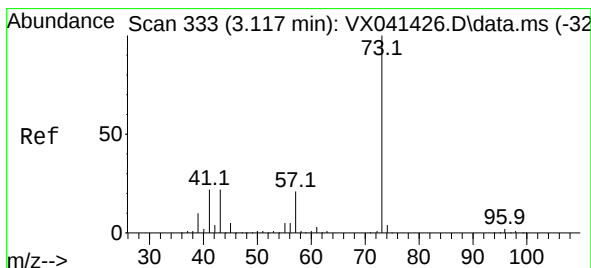
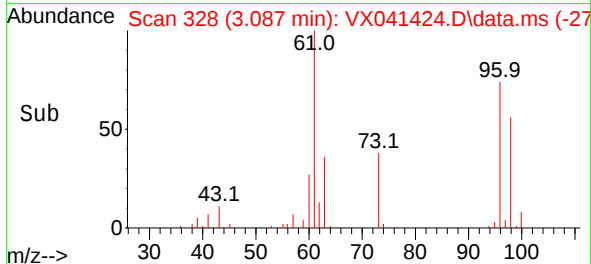
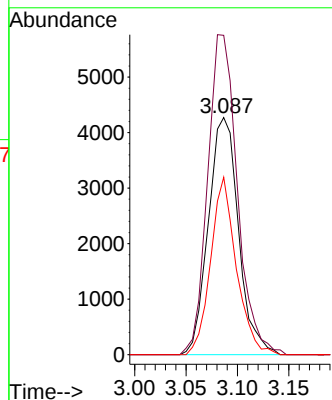
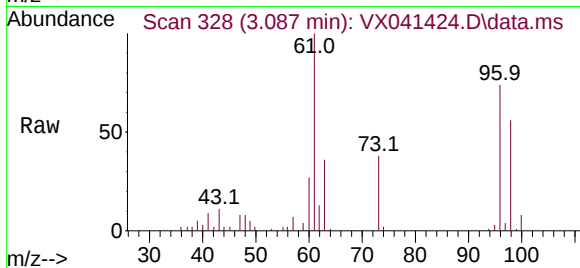
Tgt Ion: 96 Resp: 8709

Ion Ratio Lower Upper

96 100

61 134.7 95.8 177.8

98 74.9 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 5.019 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

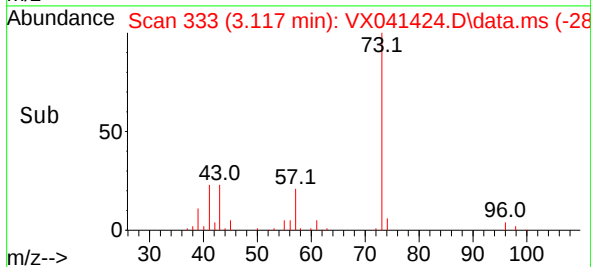
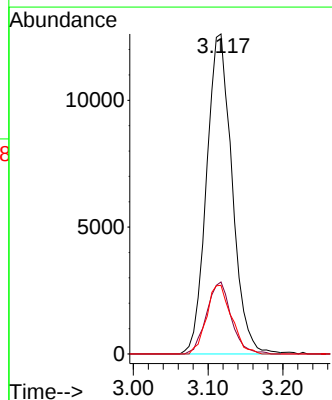
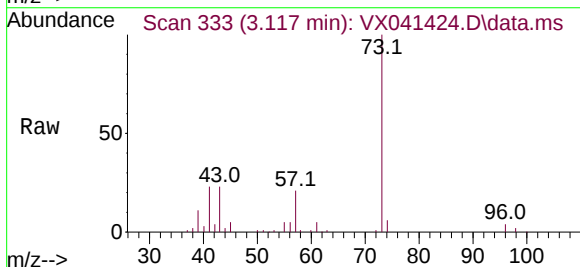
Tgt Ion: 73 Resp: 29895

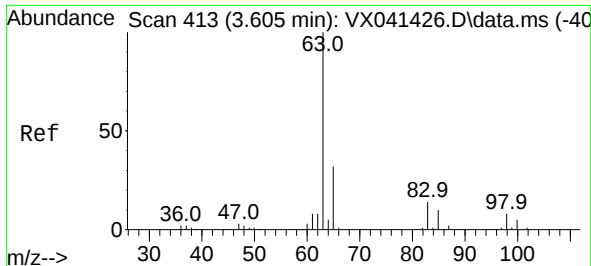
Ion Ratio Lower Upper

73 100

43 21.9 17.4 26.0

57 21.1 16.7 25.1





#19

1,1-Dichloroethane

Concen: 5.078 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

ClientSampleId :

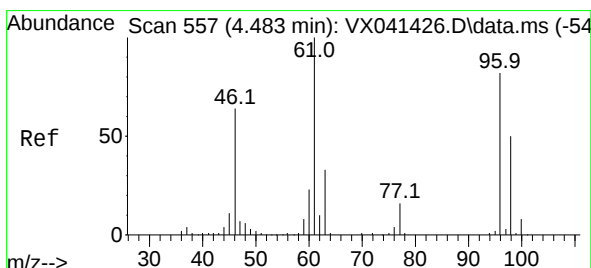
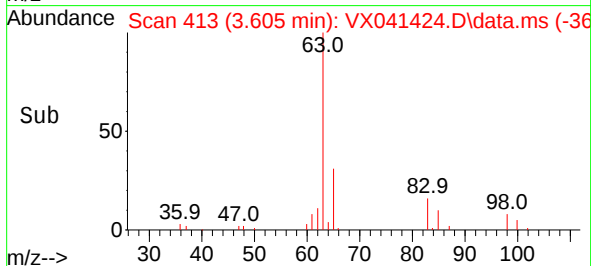
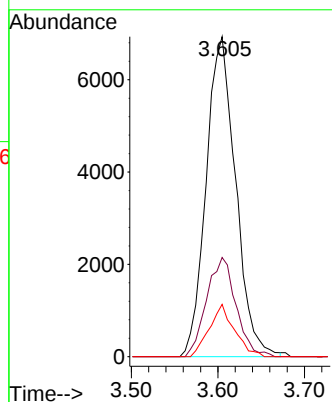
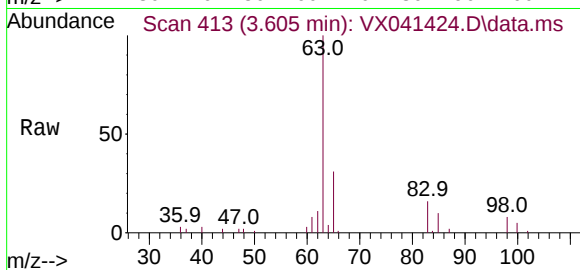
Tgt Ion: 63 Resp: 16417

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

83 16.3 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 4.923 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

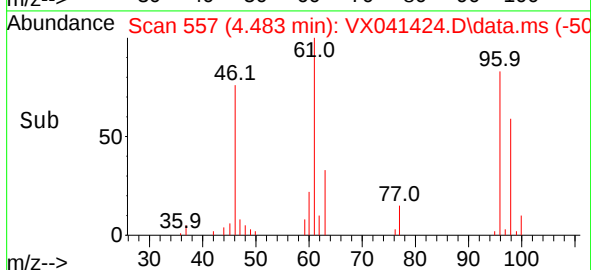
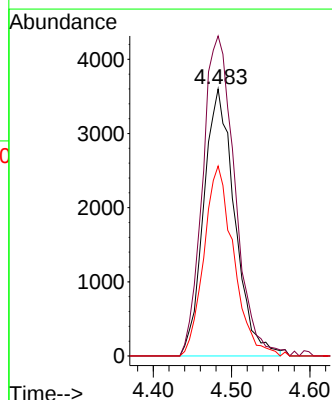
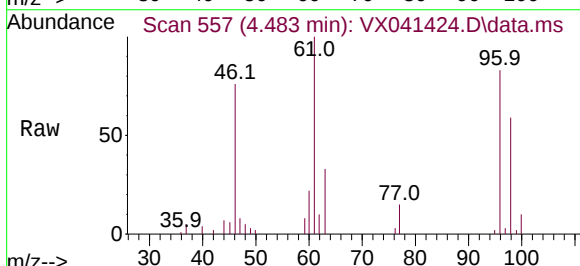
Tgt Ion: 96 Resp: 9923

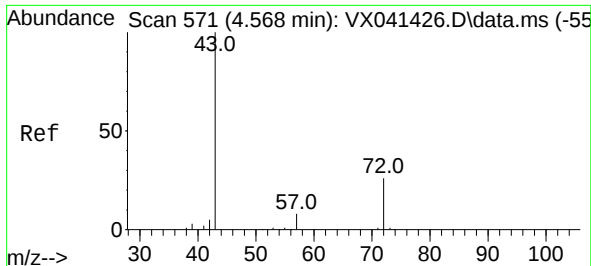
Ion Ratio Lower Upper

96 100

61 119.9 85.5 158.9

98 71.2 43.0 80.0





#22

2-Butanone

Concen: 10.073 ug/L

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

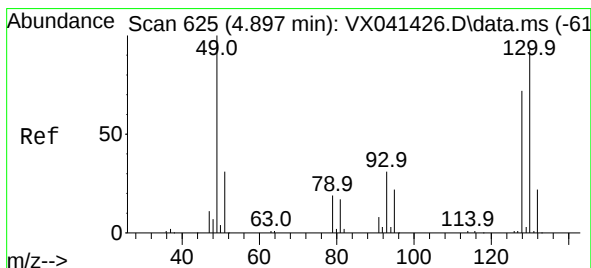
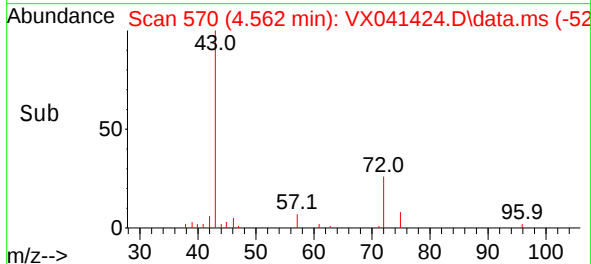
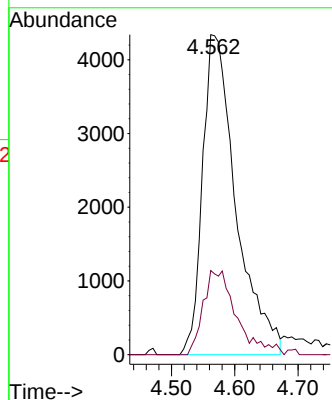
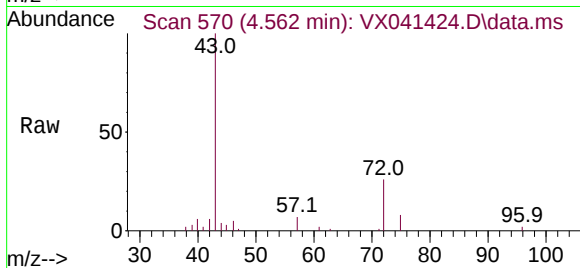
ClientSampleId :

Tgt Ion: 43 Resp: 15967

Ion Ratio Lower Upper

43 100

72 12.7 12.4 37.4



#23

Bromochloromethane

Concen: 4.886 ug/L

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Tgt Ion:128 Resp: 5241

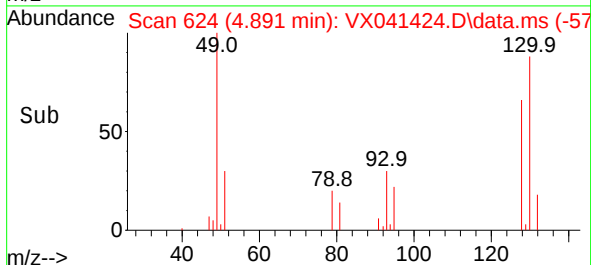
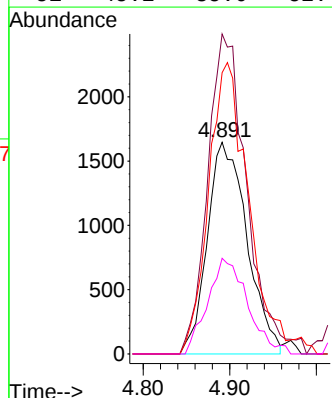
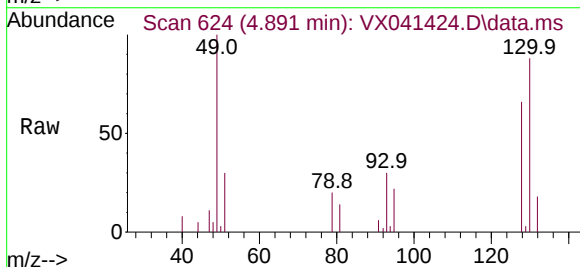
Ion Ratio Lower Upper

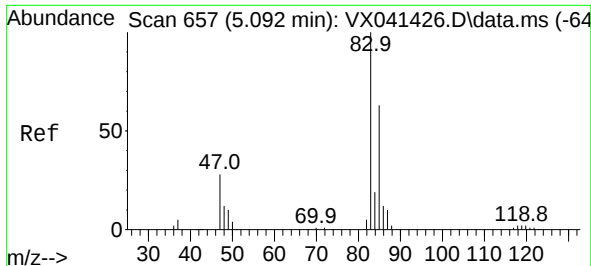
128 100

49 151.2 97.7 181.5

130 132.9 90.5 168.1

51 45.2 35.0 52.4





#25

Chloroform

Concen: 4.951 ug/L

RT: 5.086 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

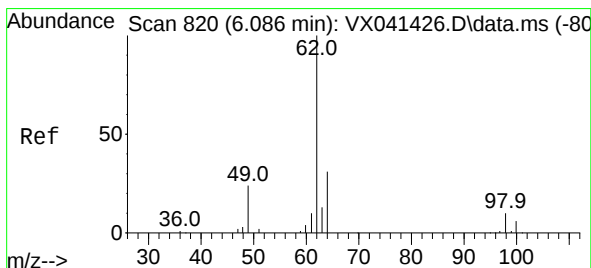
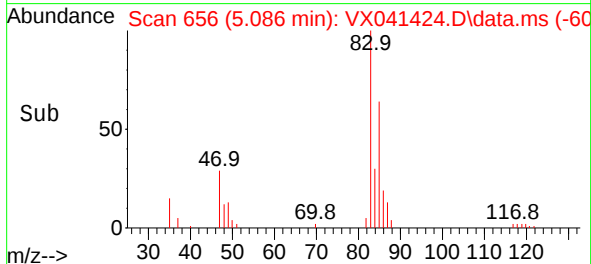
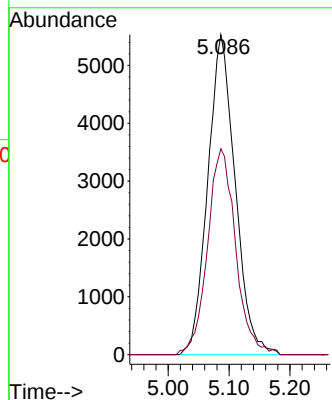
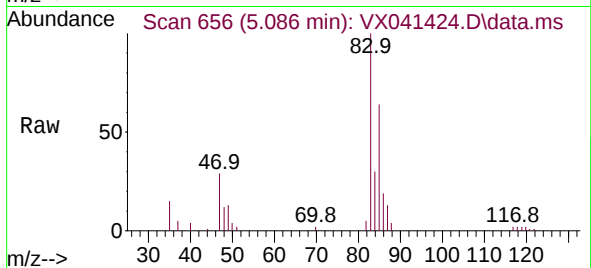
ClientSampleId :

Tgt Ion: 83 Resp: 17284

Ion Ratio Lower Upper

83 100

85 64.4 43.8 81.4



#27

1,2-Dichloroethane

Concen: 4.793 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX041424.D

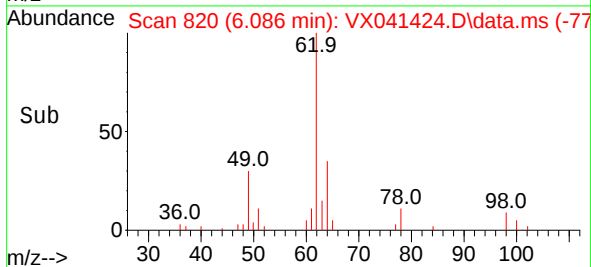
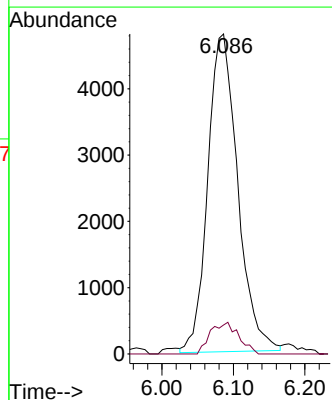
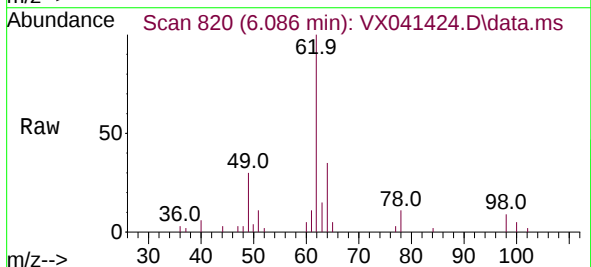
Acq: 09 May 2024 09:50

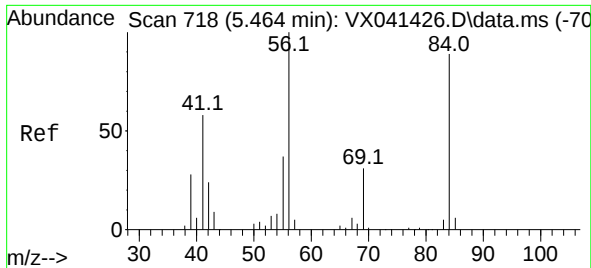
Tgt Ion: 62 Resp: 13944

Ion Ratio Lower Upper

62 100

98 9.0 8.2 12.2





#29

Cyclohexane

Concen: 4.843 ug/L

RT: 5.452 min Scan# 716

Delta R.T. -0.012 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

ClientSampleId :

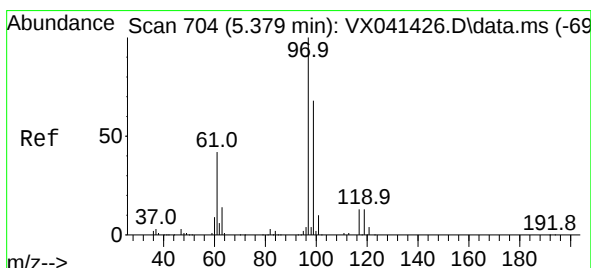
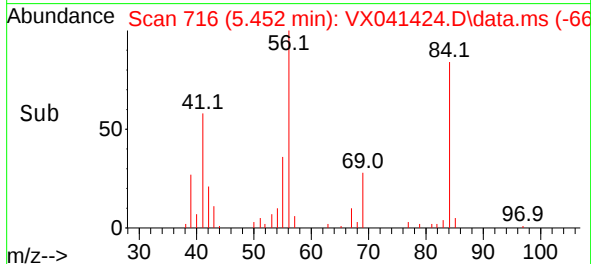
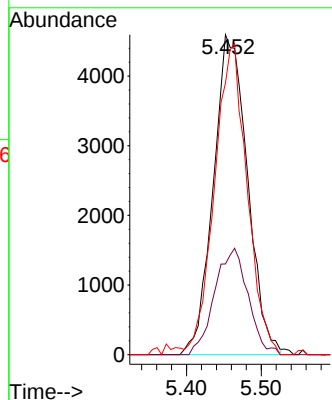
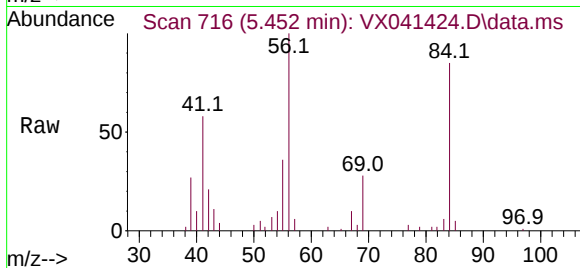
Tgt Ion: 56 Resp: 14549

Ion Ratio Lower Upper

56 100

69 32.2 25.0 37.6

84 92.7 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 4.708 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

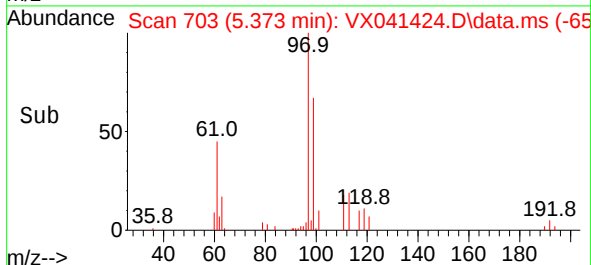
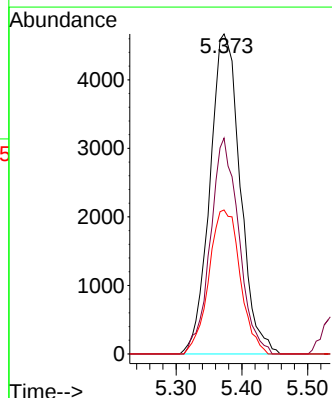
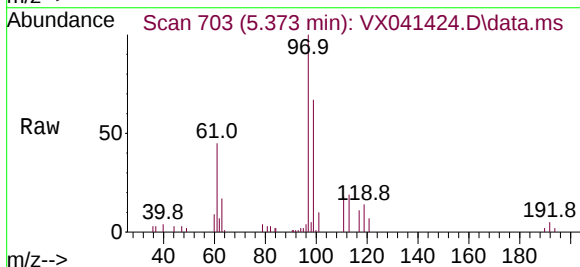
Tgt Ion: 97 Resp: 14969

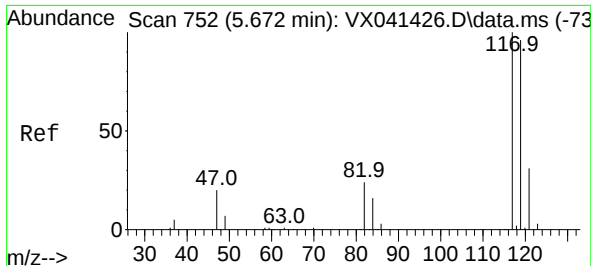
Ion Ratio Lower Upper

97 100

99 63.3 52.2 78.2

61 46.4 34.6 51.8

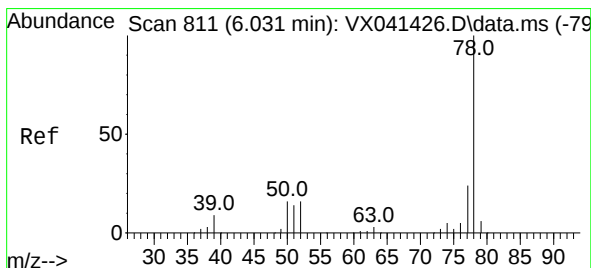
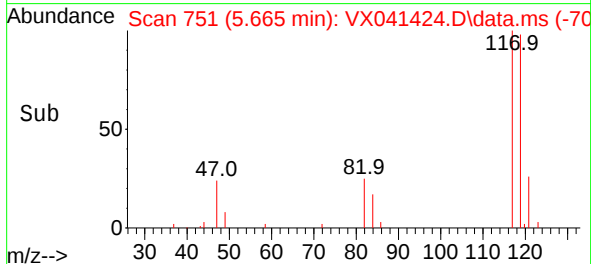
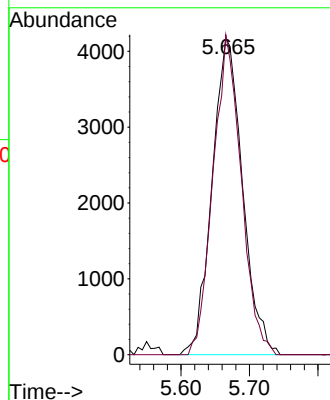
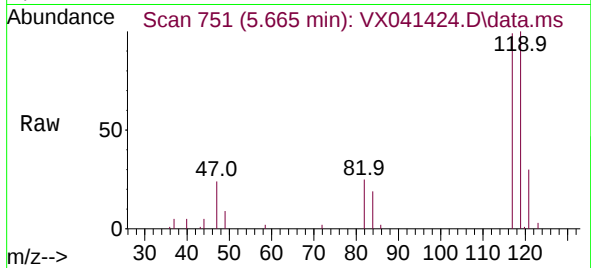




#31
Carbon tetrachloride
Concen: 4.563 ug/L
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

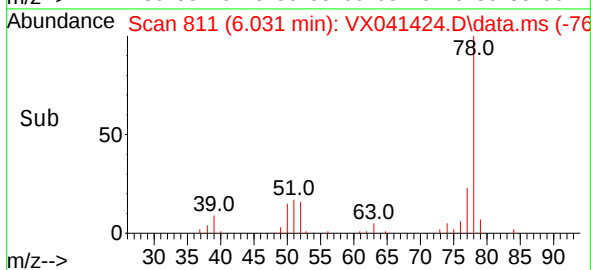
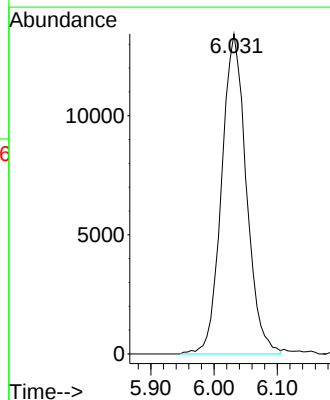
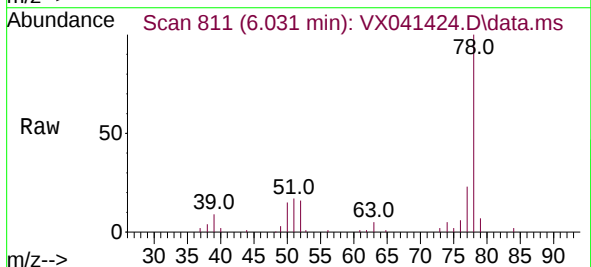
Instrument :
MSVOA_X
ClientSampleId :

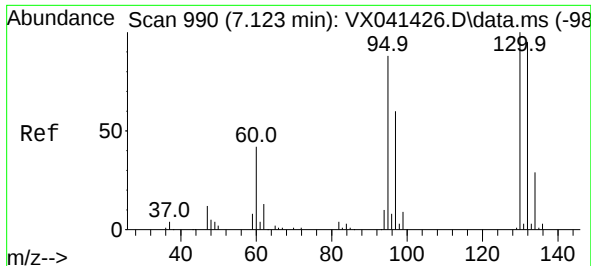
Tgt Ion:117 Resp: 12881
Ion Ratio Lower Upper
117 100
119 93.3 76.3 114.5



#33
Benzene
Concen: 4.826 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

Tgt Ion: 78 Resp: 36482



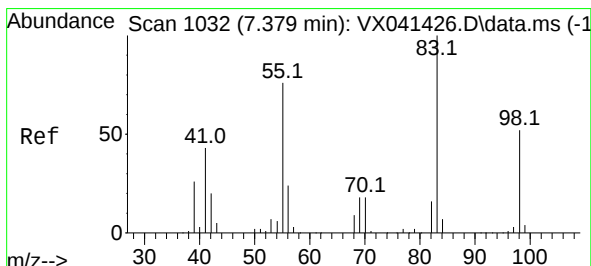
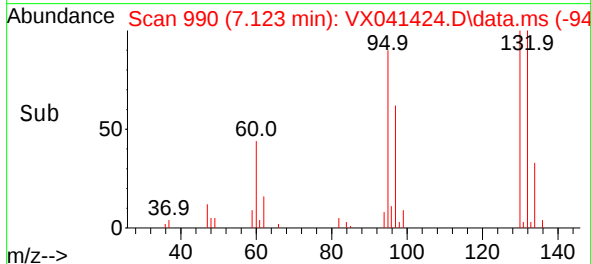
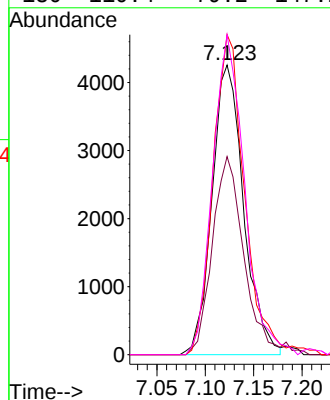
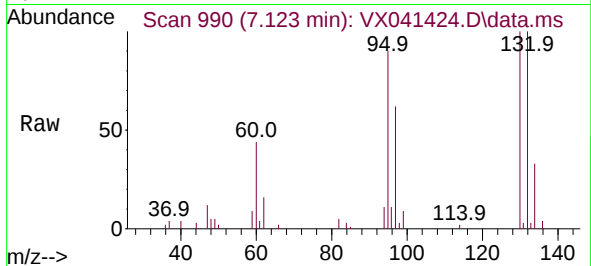


#34
Trichloroethene
Concen: 4.679 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 9688

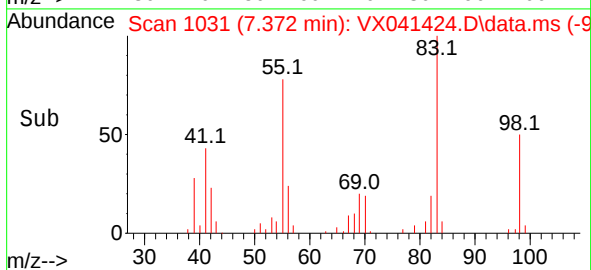
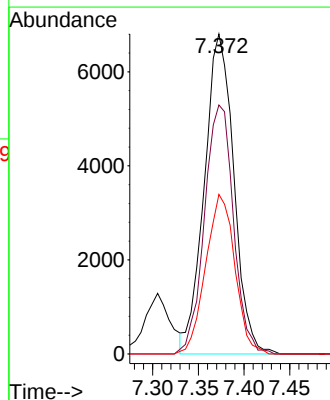
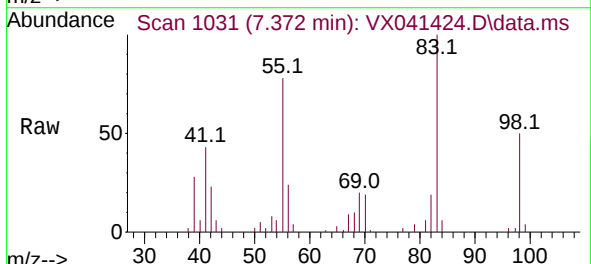
Ion	Ratio	Lower	Upper
95	100		
97	68.4	47.3	87.9
132	110.5	75.0	139.4
130	110.4	79.2	147.2

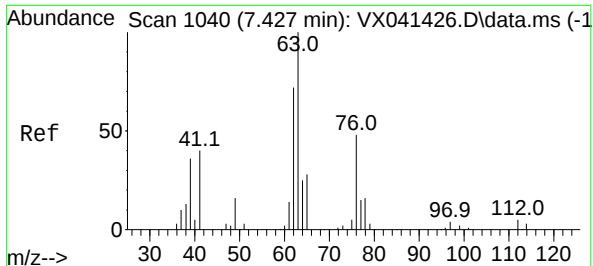


#35
Methylcyclohexane
Concen: 4.755 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

Tgt Ion: 83 Resp: 15255

Ion	Ratio	Lower	Upper
83	100		
55	76.3	59.0	88.4
98	49.2	40.8	61.2

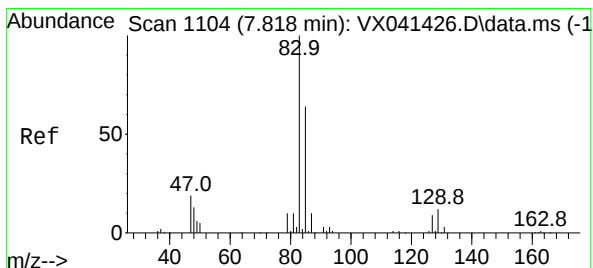
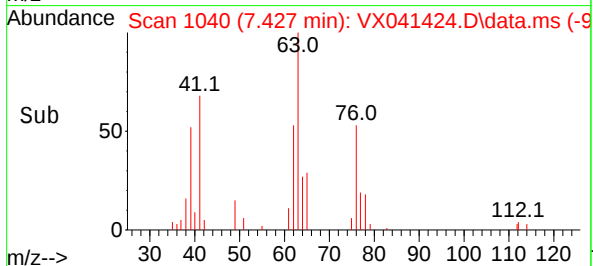
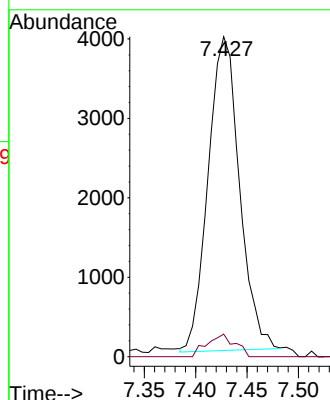
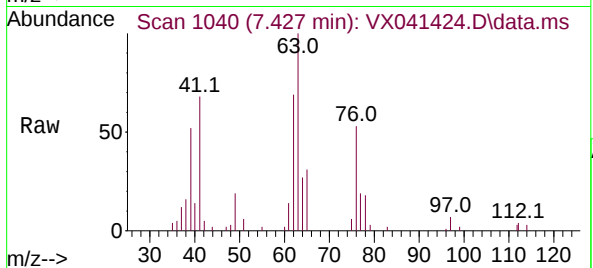




#37
1,2-Dichloropropane
Concen: 4.408 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

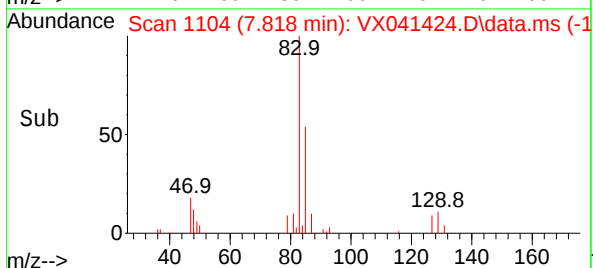
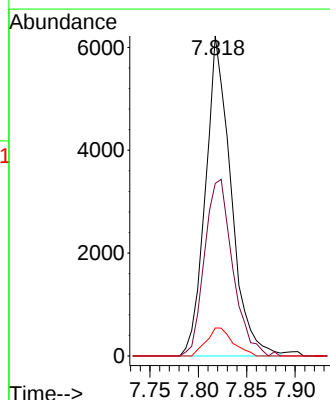
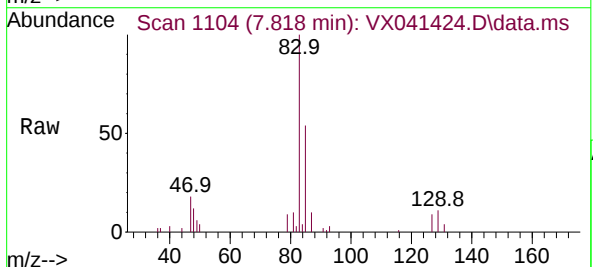
Instrument :
MSVOA_X
ClientSampleId :

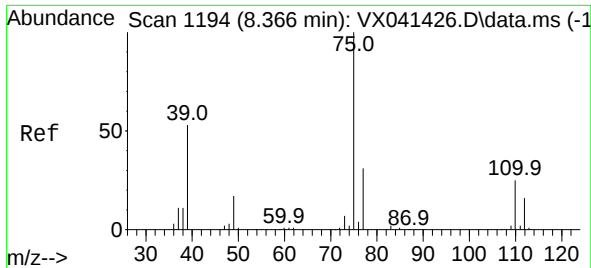
Tgt Ion: 63 Resp: 8391
Ion Ratio Lower Upper
63 100
112 5.0 4.1 6.1



#38
Bromodichloromethane
Concen: 4.429 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

Tgt Ion: 83 Resp: 11394
Ion Ratio Lower Upper
83 100
85 53.9 44.7 83.1
127 8.8 7.0 10.4

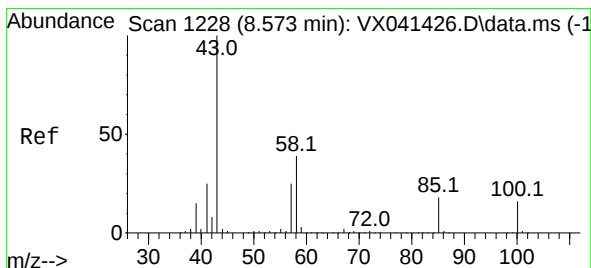
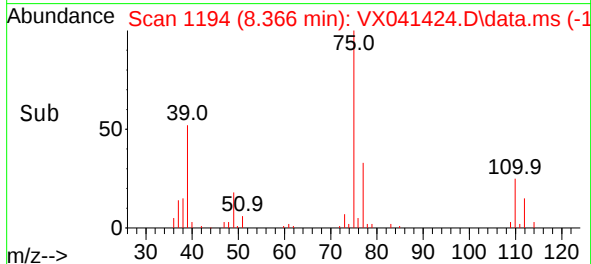
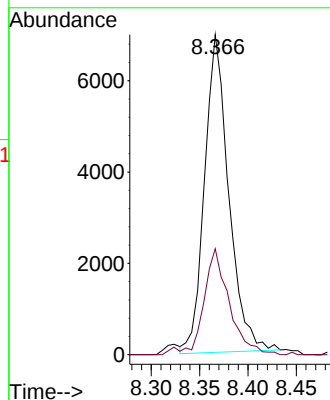
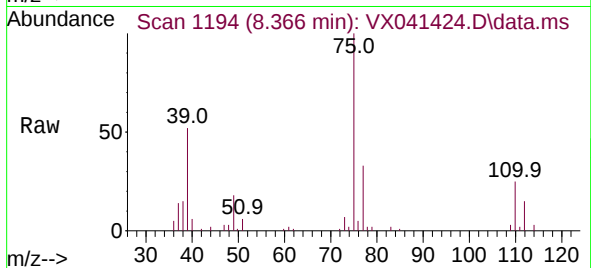




#39
 cis-1,3-Dichloropropene
 Concen: 3.852 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX041424.D
 Acq: 09 May 2024 09:50

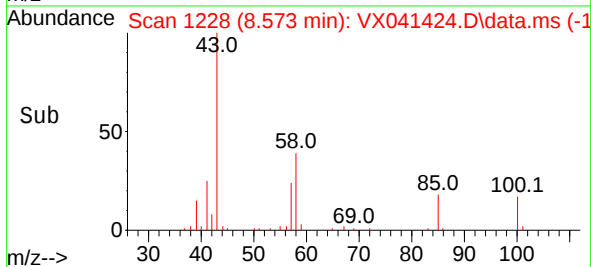
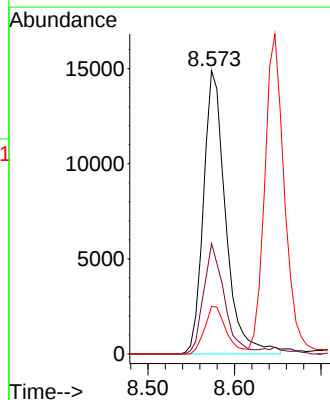
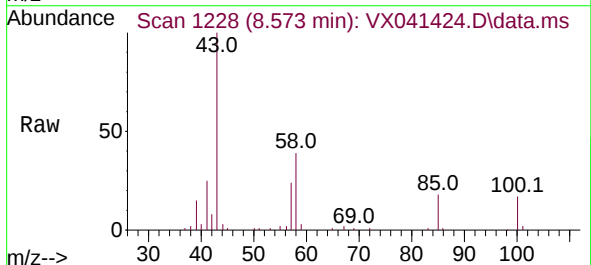
Instrument :
 MSVOA_X
 ClientSampleId :

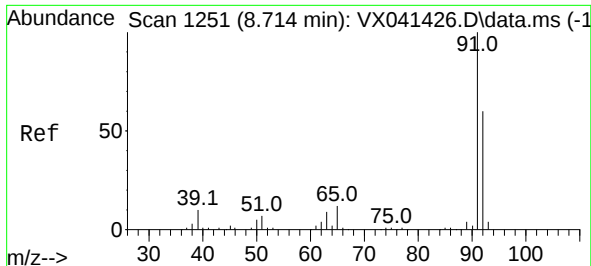
Tgt Ion: 75 Resp: 12142
 Ion Ratio Lower Upper
 75 100
 77 33.1 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 8.665 ug/L
 RT: 8.573 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX041424.D
 Acq: 09 May 2024 09:50

Tgt Ion: 43 Resp: 26543
 Ion Ratio Lower Upper
 43 100
 58 36.3 30.9 46.3
 100 16.2 13.6 20.4





#42

Toluene

Concen: 4.515 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

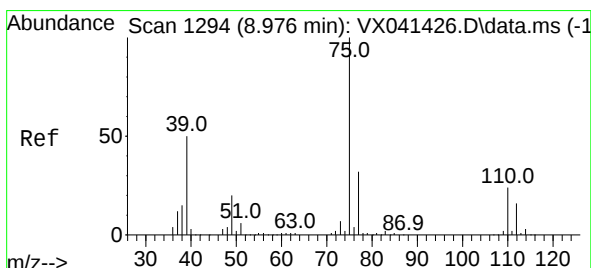
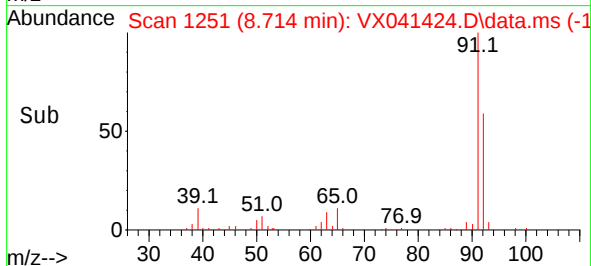
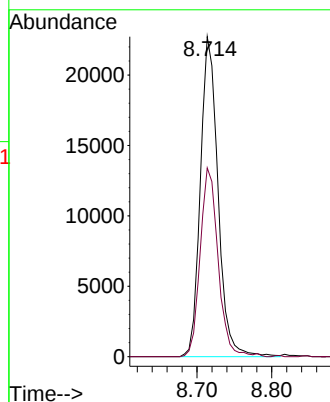
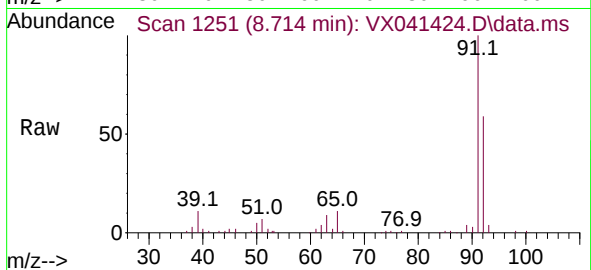
ClientSampleId :

Tgt Ion: 91 Resp: 37246

Ion Ratio Lower Upper

91 100

92 59.0 42.4 78.6



#44

trans-1,3-Dichloropropene

Concen: 3.754 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX041424.D

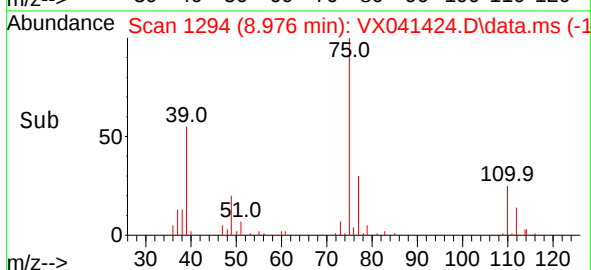
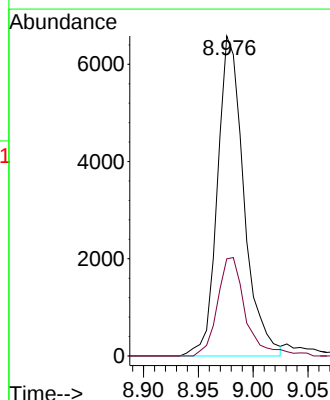
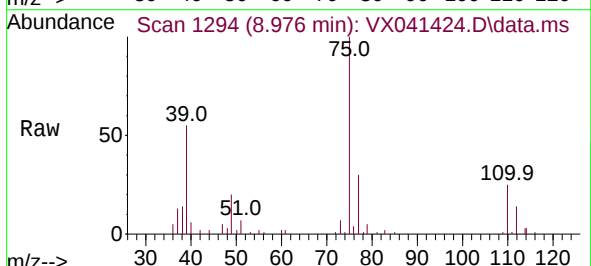
Acq: 09 May 2024 09:50

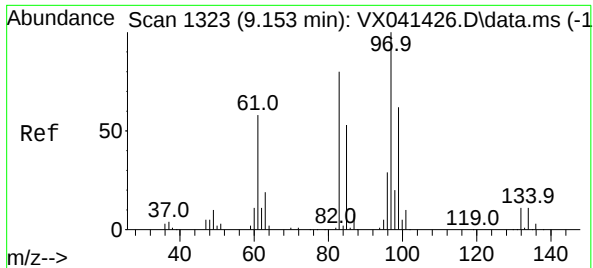
Tgt Ion: 75 Resp: 11036

Ion Ratio Lower Upper

75 100

77 30.4 22.3 41.3

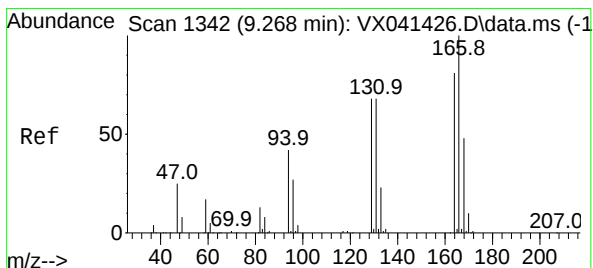
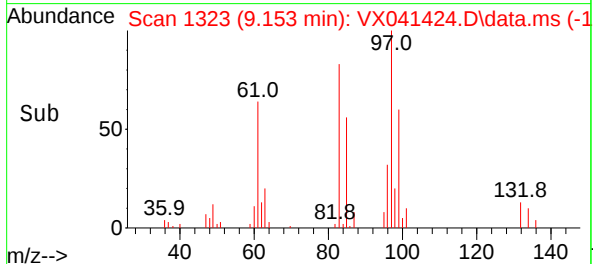
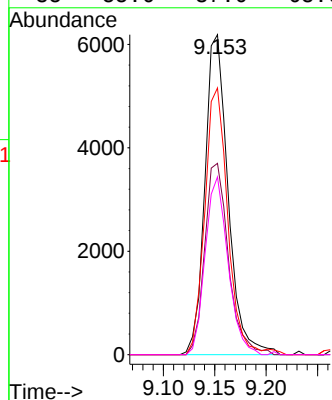
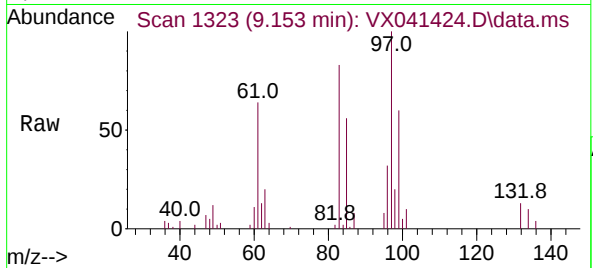




#45
1,1,2-Trichloroethane
Concen: 4.628 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

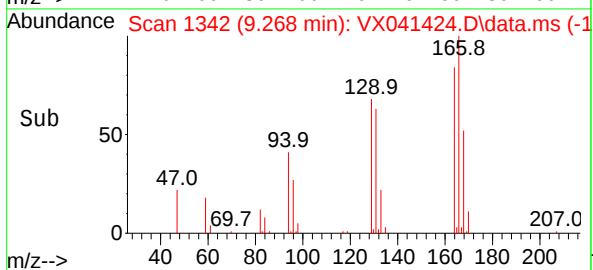
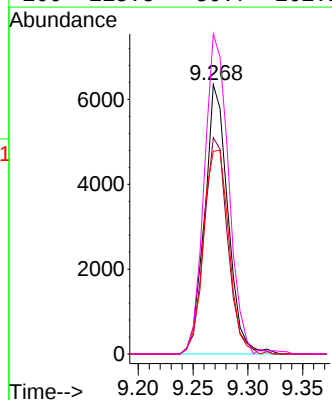
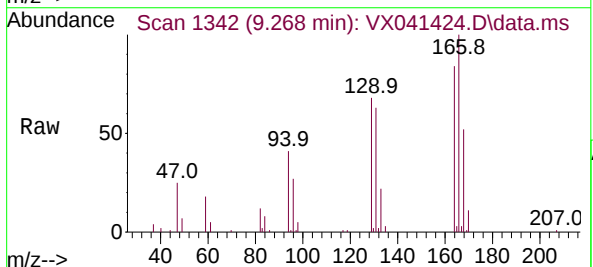
Instrument :
MSVOA_X
ClientSampleId :

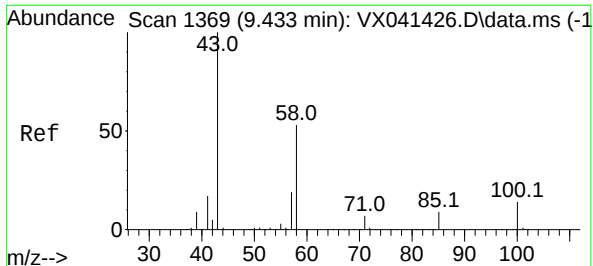
Tgt Ion: 97	Resp: 9742
Ion Ratio	Lower Upper
97 100	
99 59.8	43.4 80.6
83 83.4	56.1 104.3
85 55.6	37.0 68.6



#46
Tetrachloroethene
Concen: 4.723 ug/L
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

Tgt	Ion:164	Resp:	9359
Ion	Ratio	Lower	Upper
164	100		
129	82.7	59.4	110.4
131	75.3	58.7	108.9
166	118.8	86.7	161.1





#48

2-Hexanone

Concen: 9.230 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

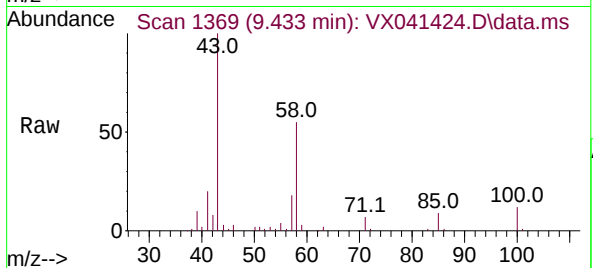
Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 22651

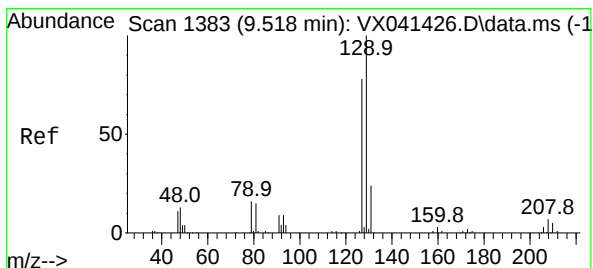
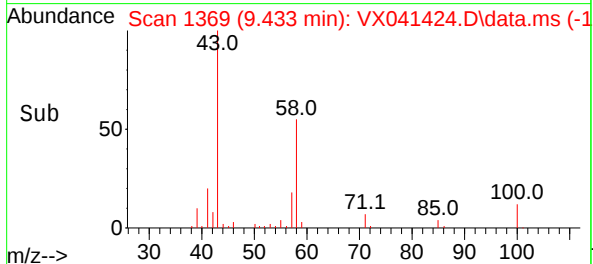
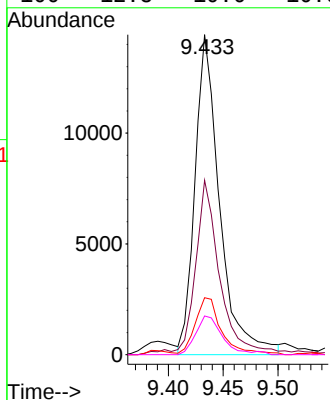
Ion Ratio Lower Upper

43 100

58 50.8 42.3 63.5

57 19.0 15.1 22.7

100 12.8 10.6 16.0



#49

Dibromochloromethane

Concen: 4.261 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX041424.D

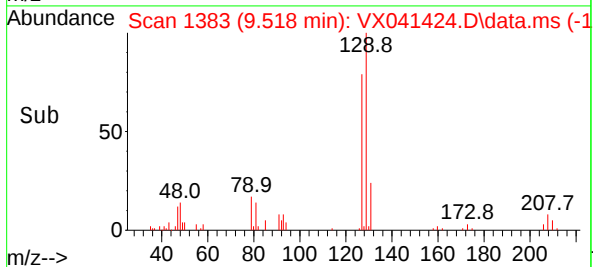
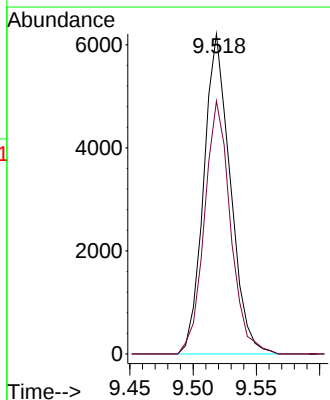
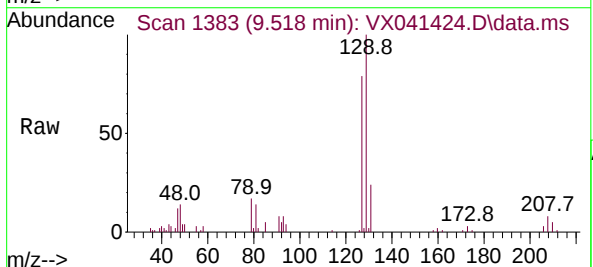
Acq: 09 May 2024 09:50

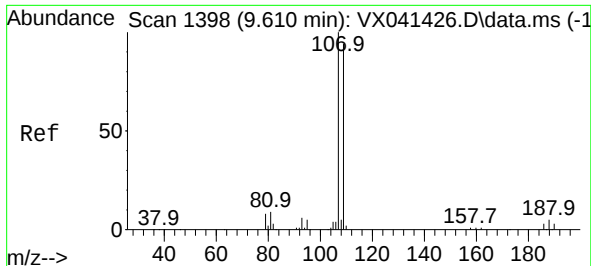
Tgt Ion: 129 Resp: 9067

Ion Ratio Lower Upper

129 100

127 79.1 54.4 101.0

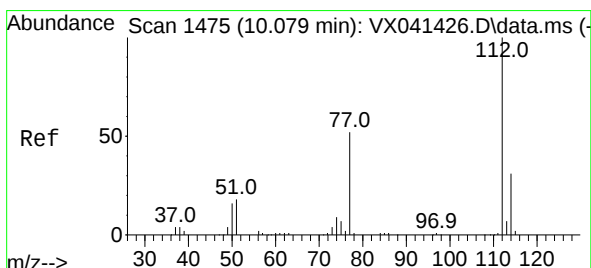
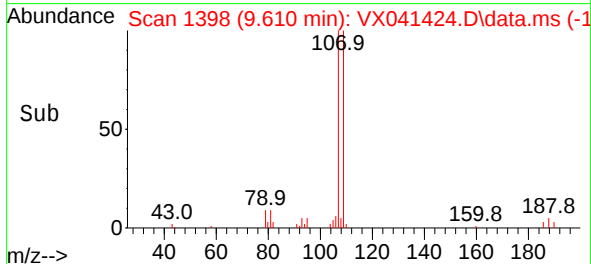
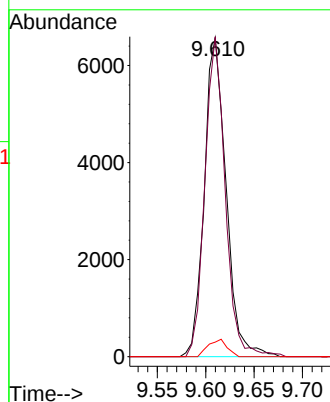
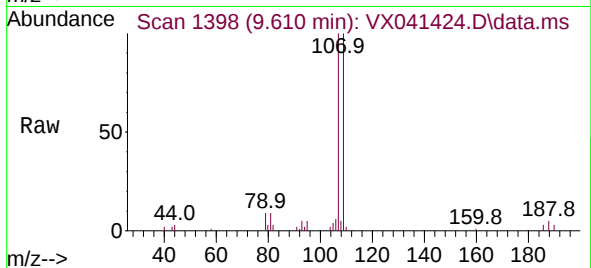




#50
1,2-Dibromoethane
Concen: 4.707 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

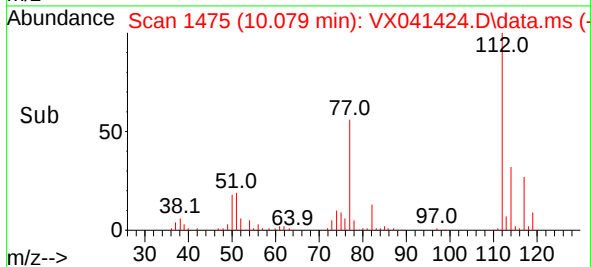
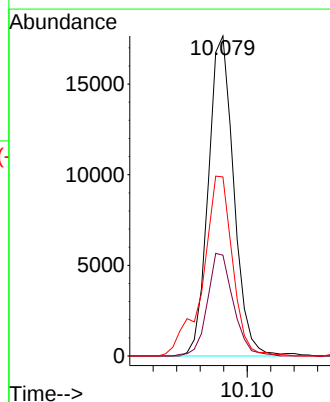
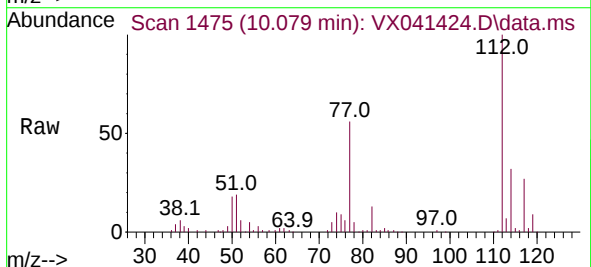
Instrument :
MSVOA_X
ClientSampleId :

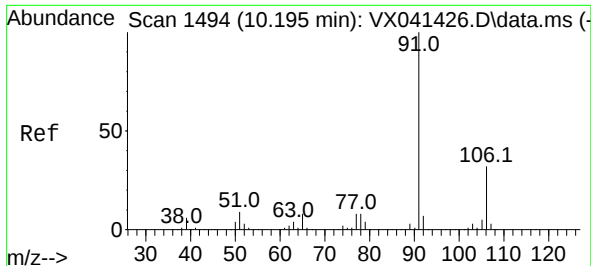
Tgt Ion:107 Resp: 10307
Ion Ratio Lower Upper
107 100
109 100.5 66.1 122.7
188 4.6 4.0 6.0



#51
Chlorobenzene
Concen: 4.823 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

Tgt Ion:112 Resp: 26532
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 55.9 41.7 62.5





#52

Ethylbenzene

Concen: 4.616 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

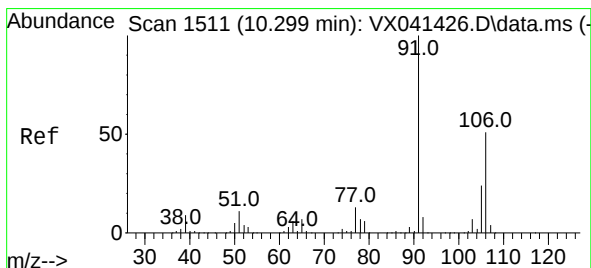
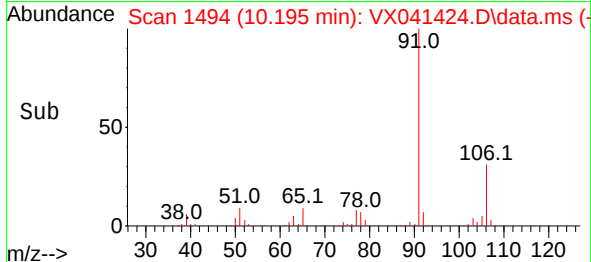
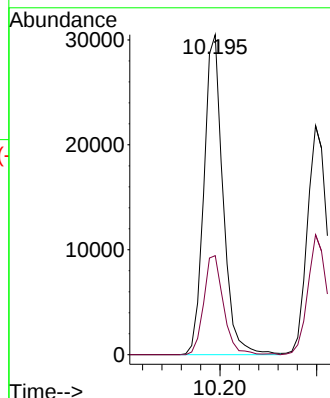
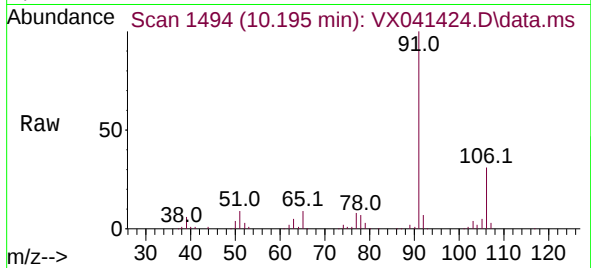
ClientSampleId :

Tgt Ion: 91 Resp: 41779

Ion Ratio Lower Upper

91 100

106 31.0 22.2 41.2



#53

m,p-Xylene

Concen: 4.573 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX041424.D

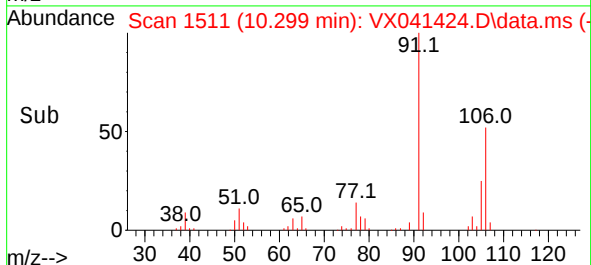
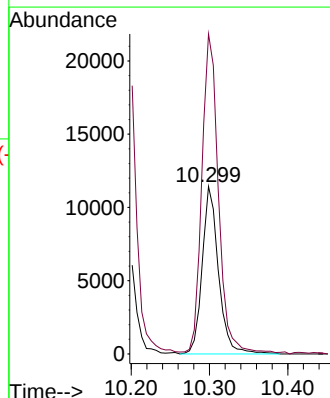
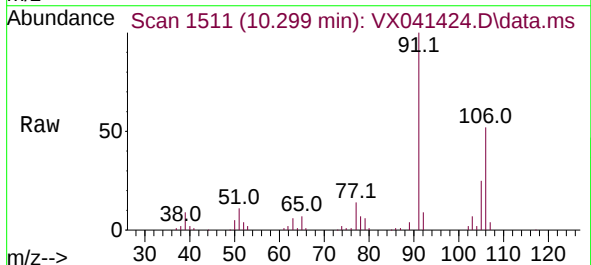
Acq: 09 May 2024 09:50

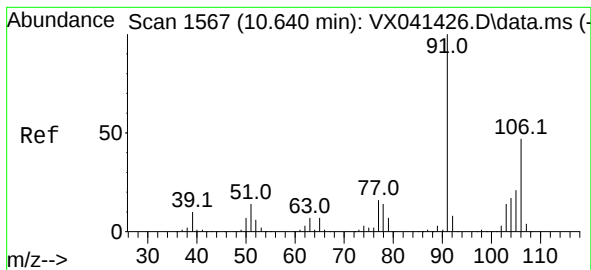
Tgt Ion: 106 Resp: 16554

Ion Ratio Lower Upper

106 100

91 191.0 138.1 256.5





#54

o-Xylene

Concen: 4.324 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

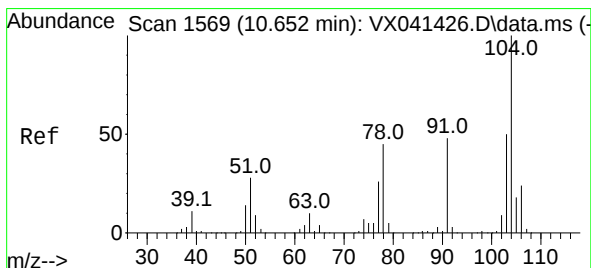
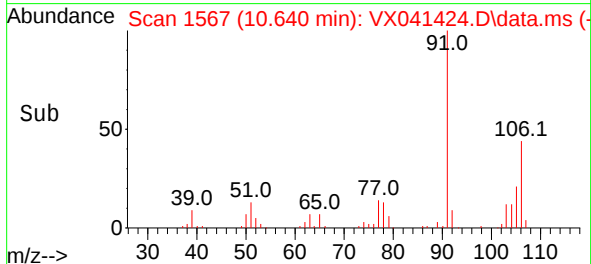
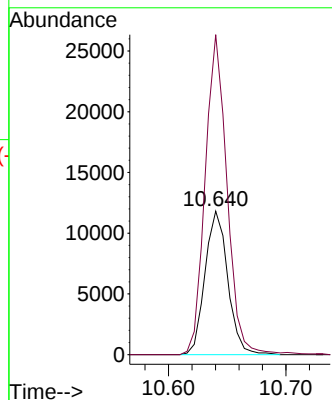
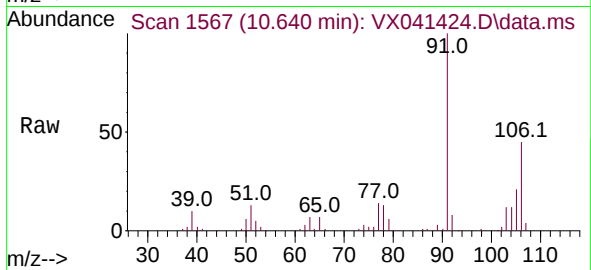
ClientSampleId :

Tgt Ion:106 Resp: 15952

Ion Ratio Lower Upper

106 100

91 223.1 148.4 275.6



#55

Styrene

Concen: 4.092 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX041424.D

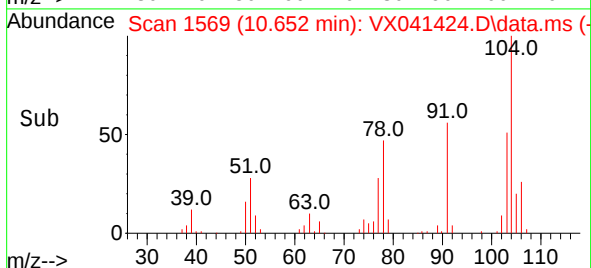
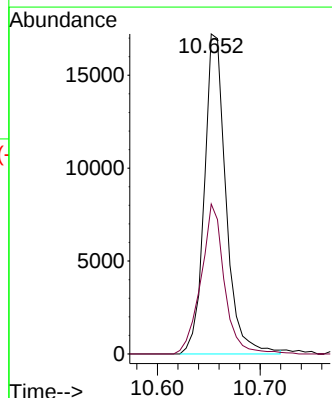
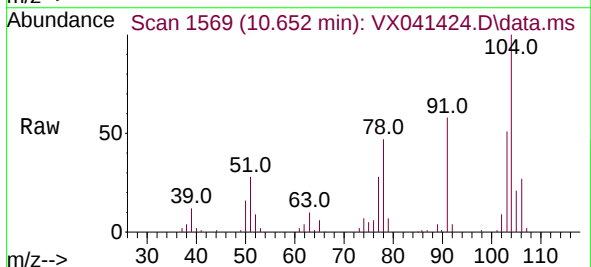
Acq: 09 May 2024 09:50

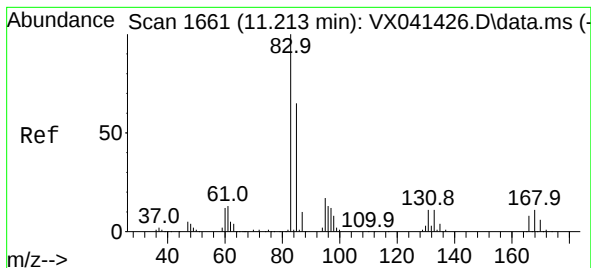
Tgt Ion:104 Resp: 25212

Ion Ratio Lower Upper

104 100

78 46.8 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.439 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

ClientSampleId :

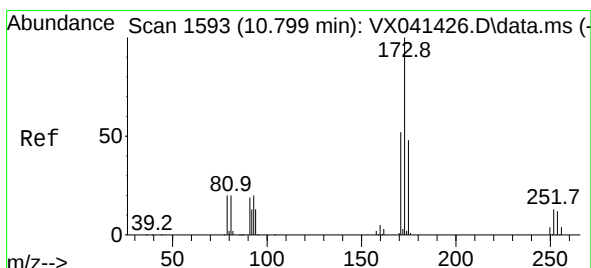
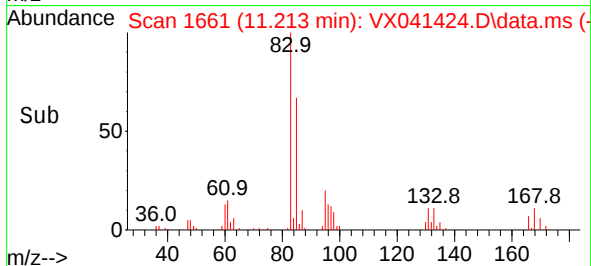
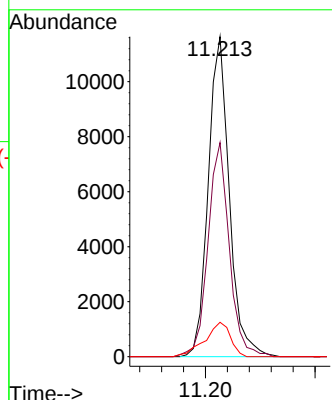
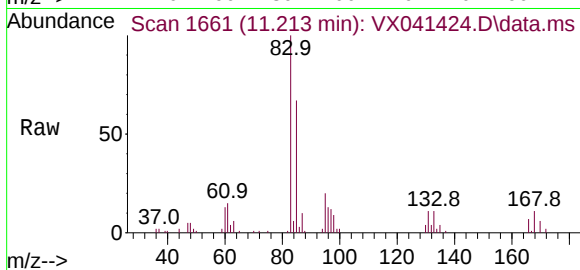
Tgt Ion: 83 Resp: 15503

Ion Ratio Lower Upper

83 100

85 66.9 45.4 84.4

131 10.8 9.0 13.4



#59

Bromoform

Concen: 3.905 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

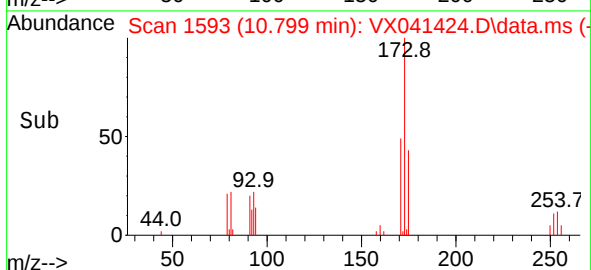
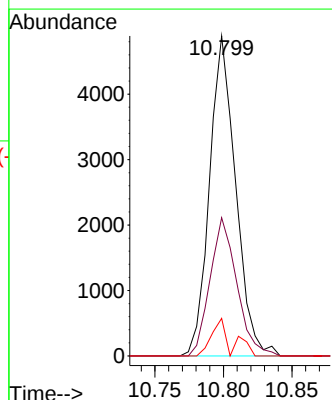
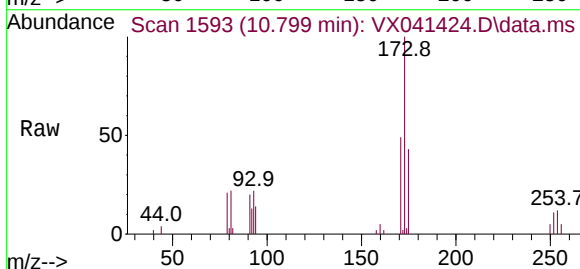
Tgt Ion:173 Resp: 6489

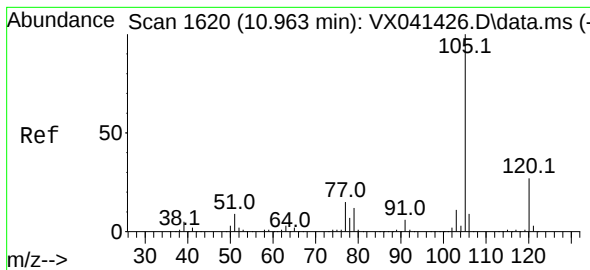
Ion Ratio Lower Upper

173 100

175 44.3 38.6 58.0

254 6.0 10.0 15.0#





#60

Isopropylbenzene

Concen: 4.810 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

ClientSampleId :

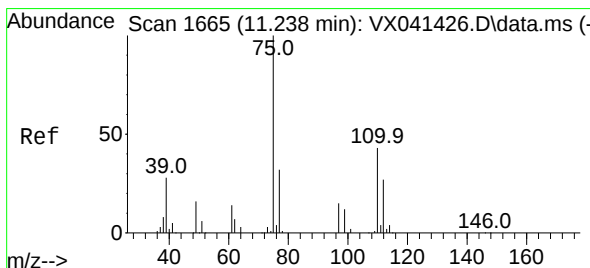
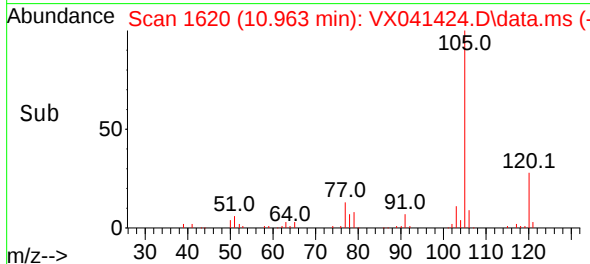
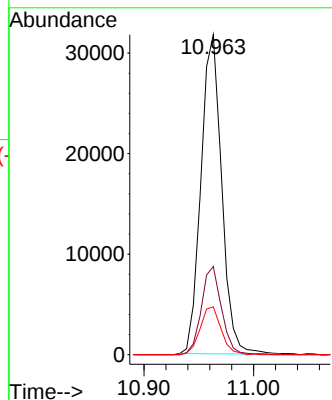
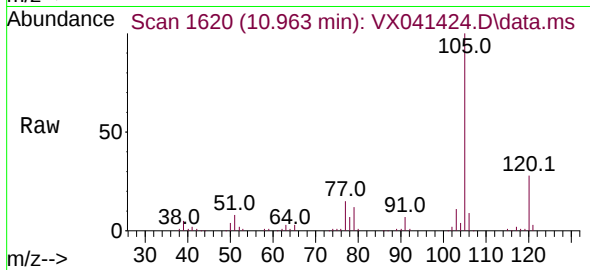
Tgt Ion:105 Resp: 41679

Ion Ratio Lower Upper

105 100

120 26.9 22.0 33.0

77 15.2 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 5.086 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

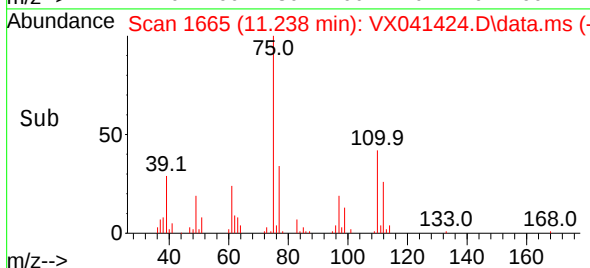
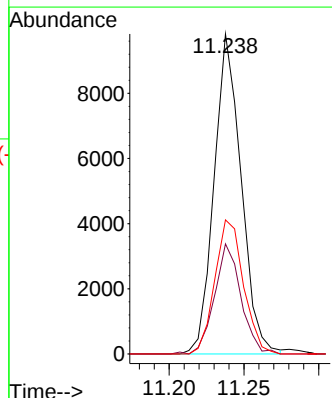
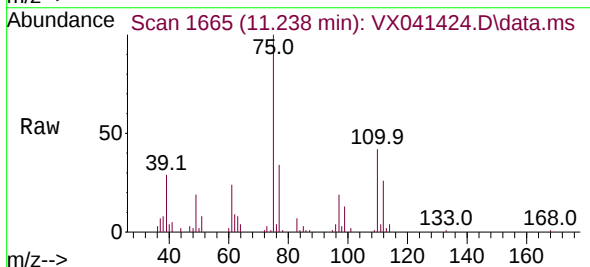
Tgt Ion: 75 Resp: 12347

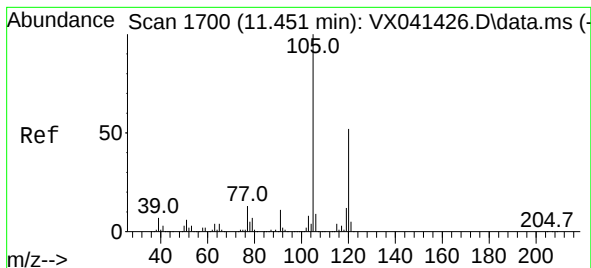
Ion Ratio Lower Upper

75 100

77 33.5 25.8 38.6

110 44.3 34.8 52.2





#62

1,3,5-Trimethylbenzene

Concen: 4.675 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

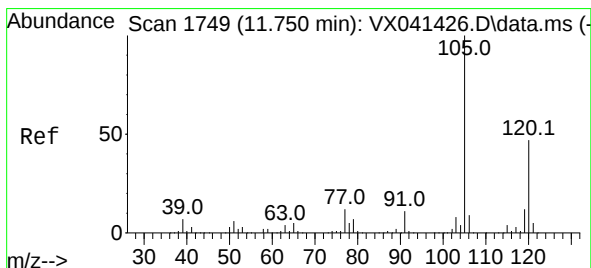
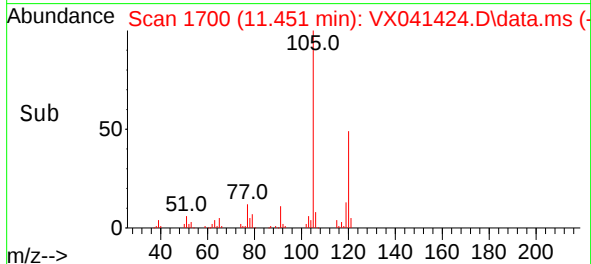
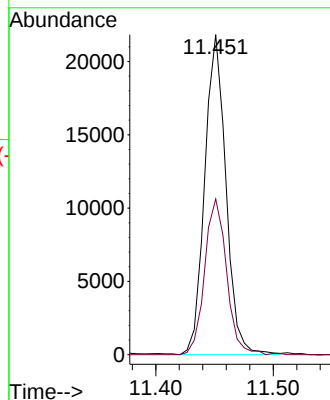
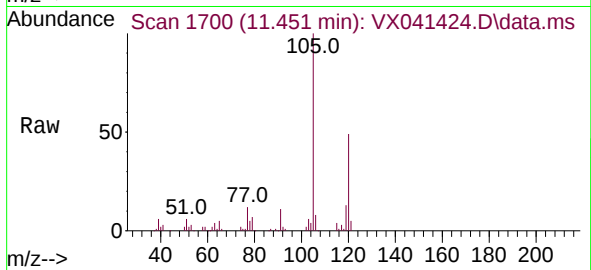
ClientSampleId :

Tgt Ion:105 Resp: 27367

Ion Ratio Lower Upper

105 100

120 50.2 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 4.627 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041424.D

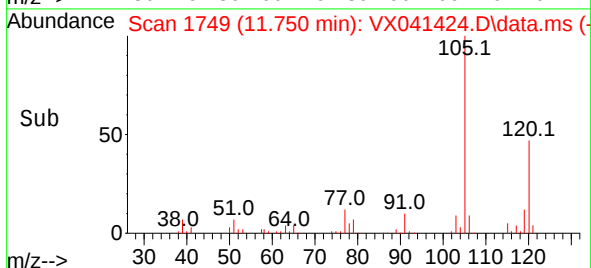
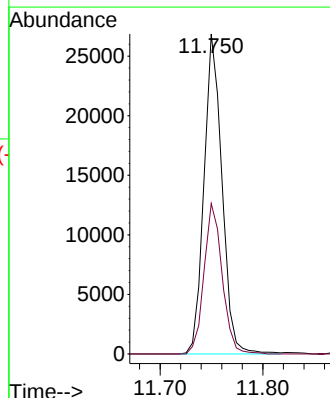
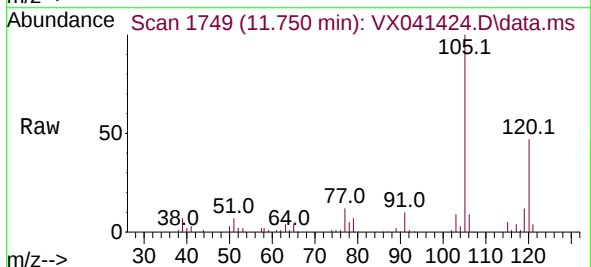
Acq: 09 May 2024 09:50

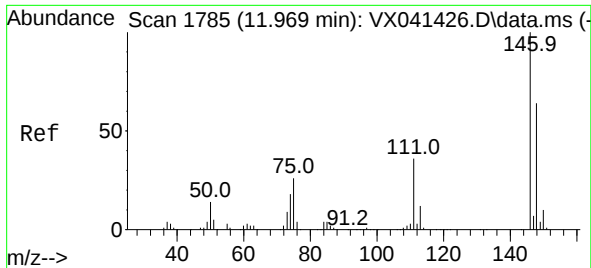
Tgt Ion:105 Resp: 32817

Ion Ratio Lower Upper

105 100

120 47.3 37.9 56.9





#64

1,3-Dichlorobenzene

Concen: 4.963 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

ClientSampleId :

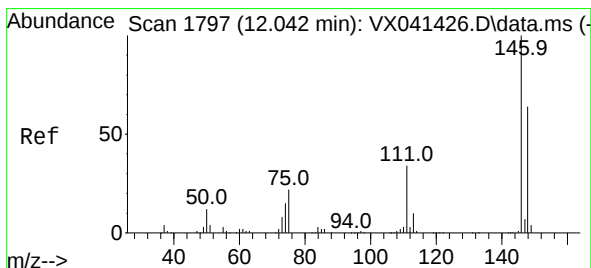
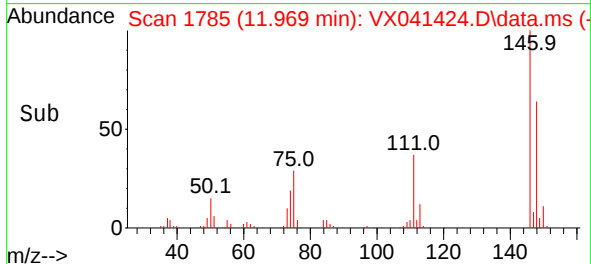
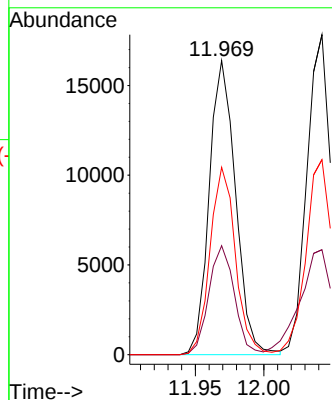
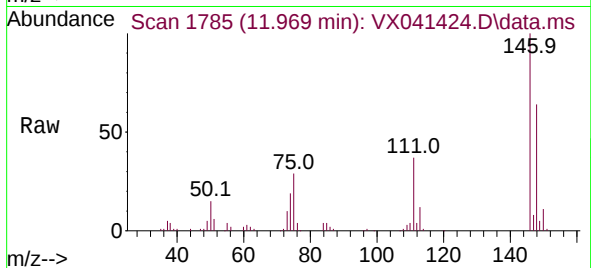
Tgt Ion:146 Resp: 21879

Ion Ratio Lower Upper

146 100

111 37.1 24.8 46.1

148 63.8 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 5.128 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

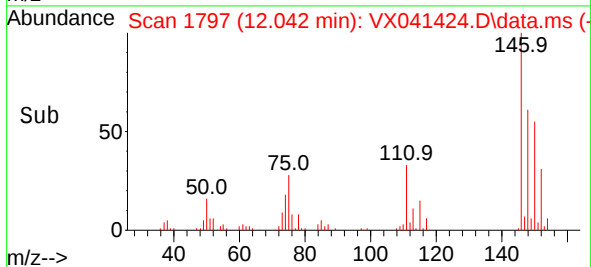
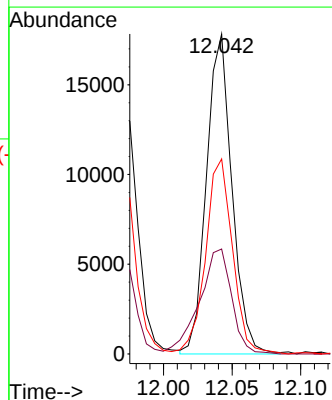
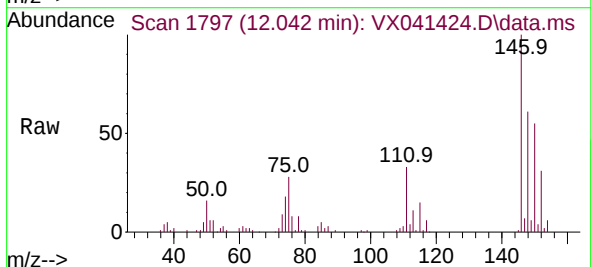
Tgt Ion:146 Resp: 23009

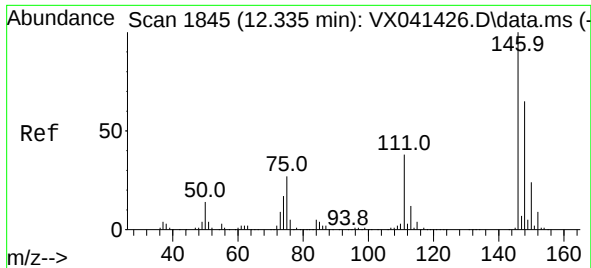
Ion Ratio Lower Upper

146 100

111 32.8 24.1 44.8

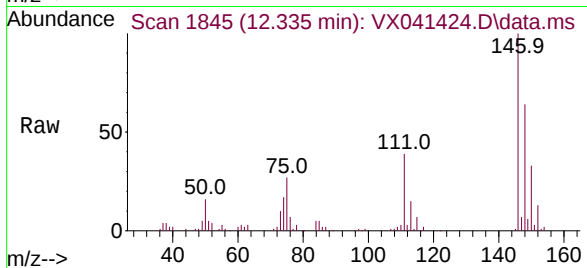
148 61.0 44.9 83.5



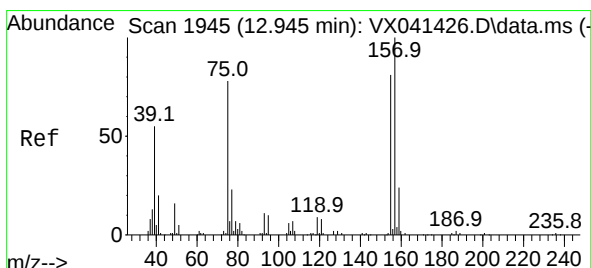
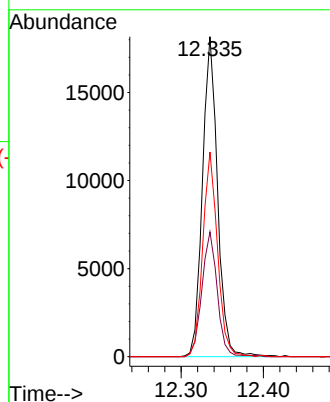
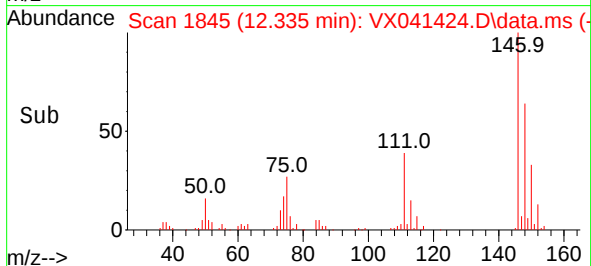


#67
1,2-Dichlorobenzene
Concen: 5.080 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50

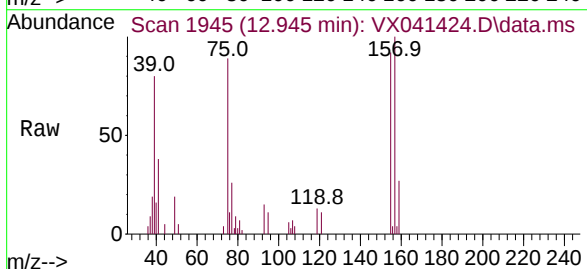
Instrument :
MSVOA_X
ClientSampleId :



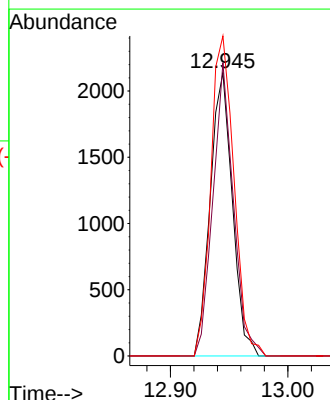
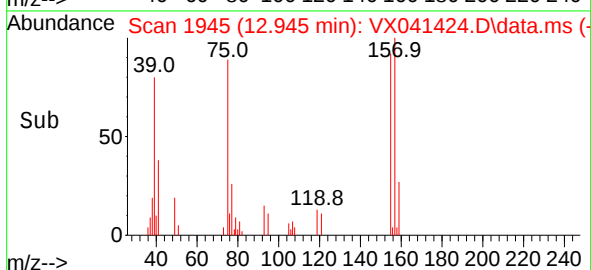
Tgt Ion:146 Resp: 23187
Ion Ratio Lower Upper
146 100
111 39.0 30.2 45.2
148 64.0 52.3 78.5

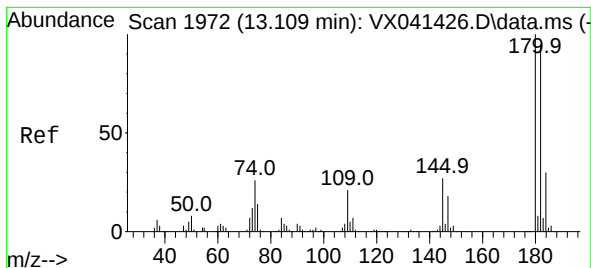


#68
1,2-Dibromo-3-chloropropane
Concen: 4.285 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX041424.D
Acq: 09 May 2024 09:50



Tgt Ion: 75 Resp: 2799
Ion Ratio Lower Upper
75 100
155 103.5 83.2 124.8
157 112.9 103.0 154.6





#69

1,3,5-Trichlorobenzene

Concen: 4.890 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

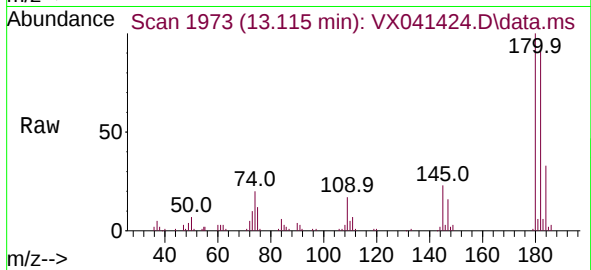
Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 16088

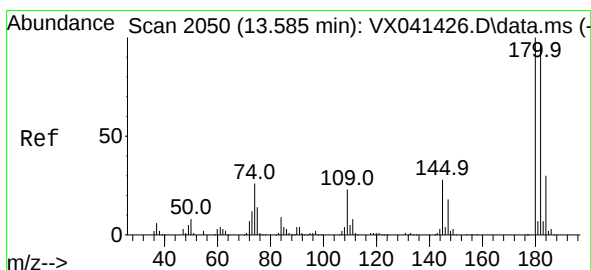
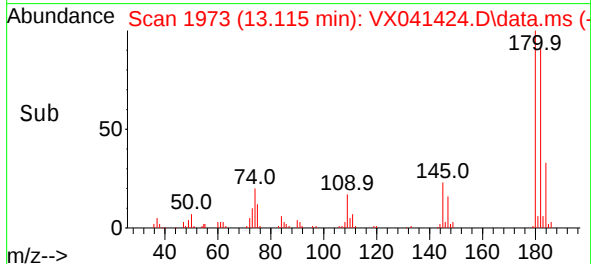
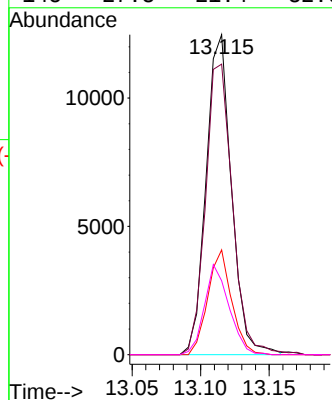
Ion Ratio Lower Upper

180 100

182 96.2 76.9 115.3

184 30.7 24.3 36.5

145 27.3 21.4 32.0



#70

1,2,4-trichlorobenzene

Concen: 4.769 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

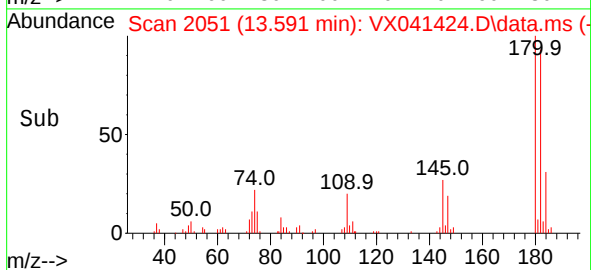
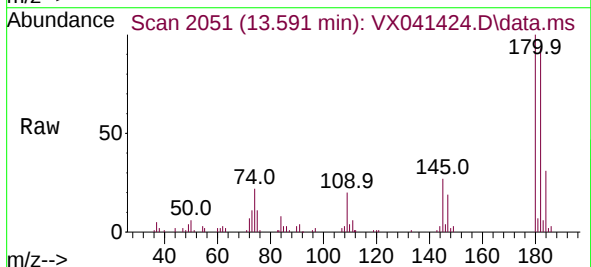
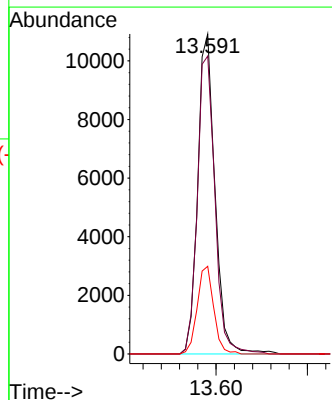
Tgt Ion:180 Resp: 14328

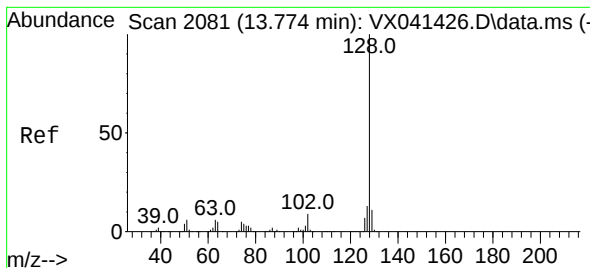
Ion Ratio Lower Upper

180 100

182 94.8 76.3 114.5

145 26.1 22.0 33.0





#71

Naphthalene

Concen: 4.233 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Instrument :

MSVOA_X

ClientSampleId :

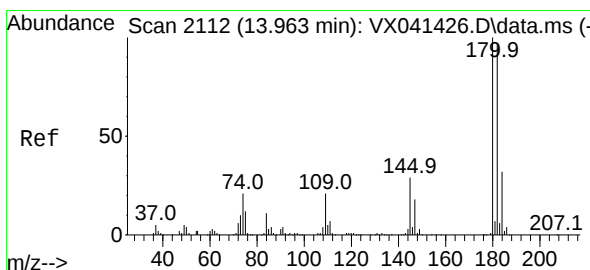
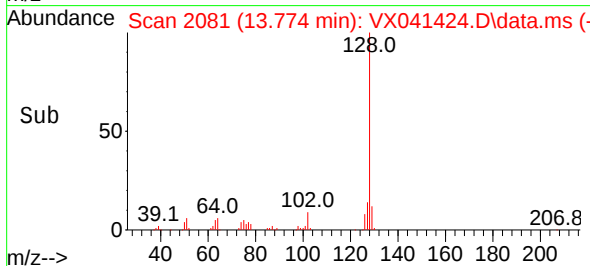
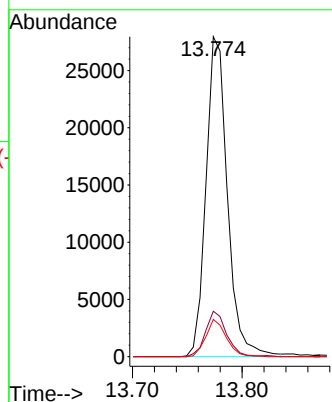
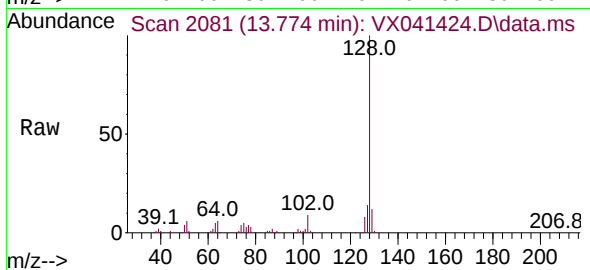
Tgt Ion:128 Resp: 37960

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 4.689 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041424.D

Acq: 09 May 2024 09:50

Tgt Ion:180 Resp: 14690

Ion Ratio Lower Upper

180 100

182 96.2 77.5 116.3

145 29.1 23.8 35.8

