

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043891.D
 Acq On : 19 Nov 2024 10:30
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 23:09:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:08:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	323258	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	231014	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	100980	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	24600	9.539	ug/L	0.00
7) Chloroethane-d5	1.648	69	10569	9.627	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	9973	9.622	ug/L	0.00
21) 2-Butanone-d5	4.464	46	29834	19.250	ug/L	0.01
24) Chloroform-d	5.050	84	45757	9.575	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	31467	9.919	ug/L	0.00
32) Benzene-d6	5.970	84	87534	11.490	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	27111	11.775	ug/L	0.00
41) Toluene-d8	8.647	98	81340	12.171	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	10817	10.382	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	17204	20.013	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	30959	10.664	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	23321	10.880	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23887	9.006	ug/L	98
3) Chloromethane	1.294	50	25708	9.479	ug/L	98
5) Vinyl chloride	1.374	62	25730	9.331	ug/L	94
6) Bromomethane	1.599	94	10588	9.219	ug/L	97
8) Chloroethane	1.666	64	12798	11.038	ug/L	95
9) Trichlorofluoromethane	1.867	101	33034	8.953	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	20349	9.252	ug/L	99
12) 1,1-Dichloroethene	2.306	96	18941	9.457	ug/L #	82
13) Acetone	2.386	43	27082	19.879	ug/L	97
14) Carbon disulfide	2.501	76	34643	8.138	ug/L #	94
15) Methyl Acetate	2.703	43	24917	9.777	ug/L	99
16) Methylene chloride	2.782	84	22511	9.585	ug/L	93
17) trans-1,2-Dichloroethene	3.081	96	20439	9.529	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	74327	9.364	ug/L	100
19) 1,1-Dichloroethane	3.599	63	40253	9.420	ug/L	91
20) cis-1,2-Dichloroethene	4.477	96	24337	9.333	ug/L	90
22) 2-Butanone	4.708	43	227	0.124	ug/L	100
23) Bromochloromethane	4.897	128	12412	9.263	ug/L	83
25) Chloroform	5.086	83	44764	9.592	ug/L	92
27) 1,2-Dichloroethane	6.086	62	33898	9.209	ug/L #	95
29) Cyclohexane	5.464	56	33531	11.159	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	33545	10.524	ug/L	97
31) Carbon tetrachloride	5.665	117	26614	10.294	ug/L	97
33) Benzene	6.031	78	88448	11.453	ug/L	100
34) Trichloroethene	7.123	95	24258	11.446	ug/L	97
35) Methylcyclohexane	7.372	83	33259	11.478	ug/L	99
37) 1,2-Dichloropropane	7.427	63	23275	11.613	ug/L #	97
38) Bromodichloromethane	7.818	83	26657	10.605	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	35434	11.220	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	62381	22.735	ug/L	98
42) Toluene	8.714	91	91845	11.802	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	28549	10.057	ug/L	100

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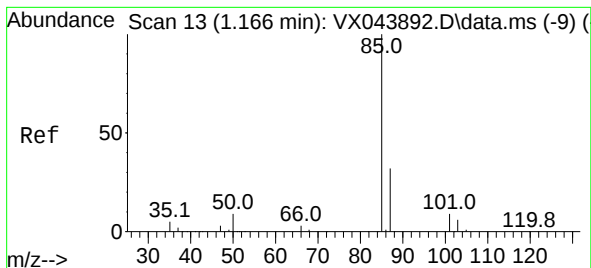
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 23:09:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:08:38 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	9.153	97	21115	10.713	ug/L	93
46) Tetrachloroethene	9.268	164	13935	10.091	ug/L	94
48) 2-Hexanone	9.433	43	43775	21.137	ug/L	96
49) Dibromochloromethane	9.518	129	16422	9.013	ug/L	99
50) 1,2-Dibromoethane	9.610	107	21303	10.261	ug/L	93
51) Chlorobenzene	10.079	112	49081	10.167	ug/L	98
52) Ethylbenzene	10.195	91	83634	10.196	ug/L	97
53) m,p-Xylene	10.299	106	31568	10.362	ug/L	96
54) o-Xylene	10.640	106	33359	10.876	ug/L	97
55) Styrene	10.652	104	51805	10.203	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	30316	10.276	ug/L	98
59) Bromoform	10.799	173	10192	9.008	ug/L	99
60) Isopropylbenzene	10.963	105	85895	10.794	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	24945	10.842	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	64967	10.333	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	63603	10.146	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	33922	10.160	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	33659	10.153	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	37577	10.870	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	5631	9.779	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	21388	9.928	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	18045	9.084	ug/L	98
71) Naphthalene	13.774	128	67516	9.137	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	19098	9.542	ug/L	98

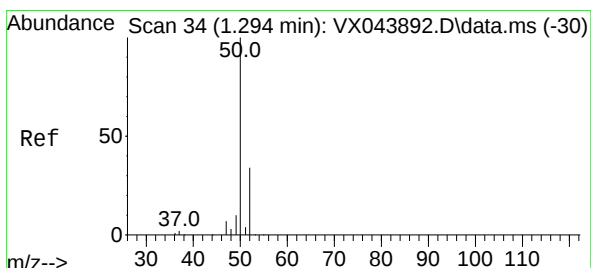
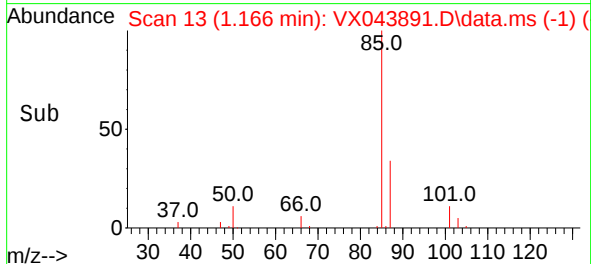
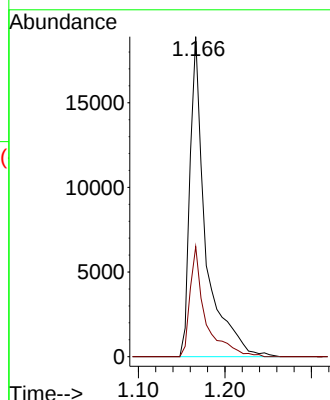
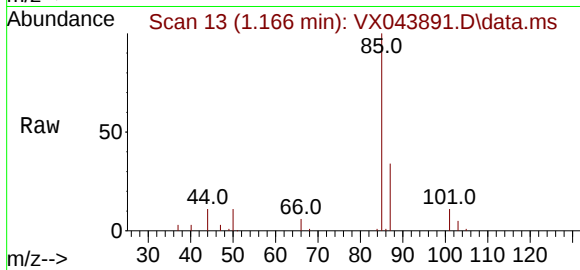
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 9.006 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30

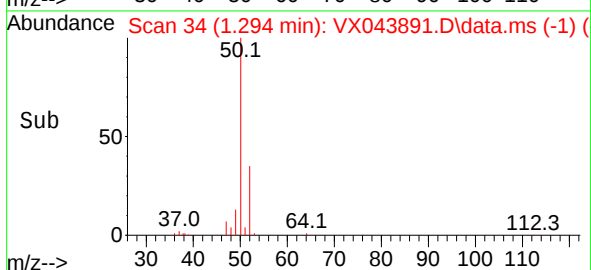
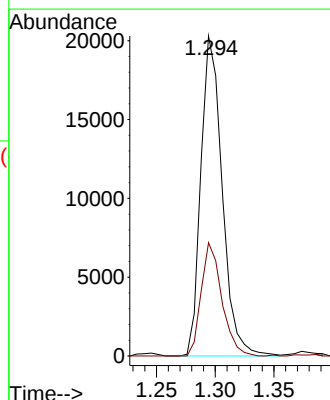
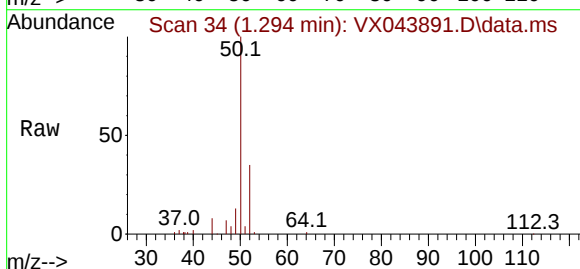
Instrument :
MSVOA_X
ClientSampleId :

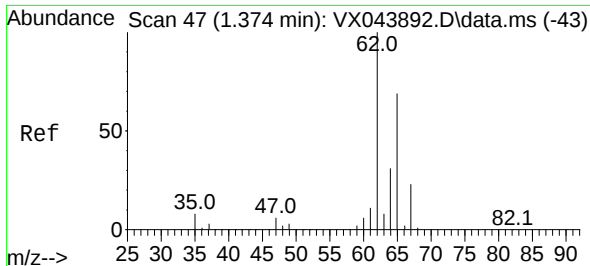
Tgt Ion: 85 Resp: 23887
Ion Ratio Lower Upper
85 100
87 33.7 26.1 39.1



#3
Chloromethane
Concen: 9.479 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30

Tgt Ion: 50 Resp: 25708
Ion Ratio Lower Upper
50 100
52 35.4 23.9 44.3

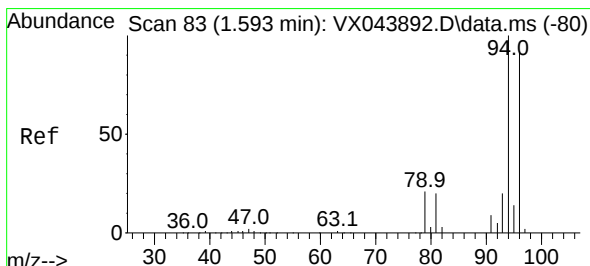
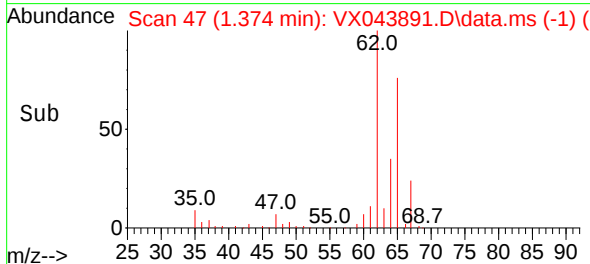
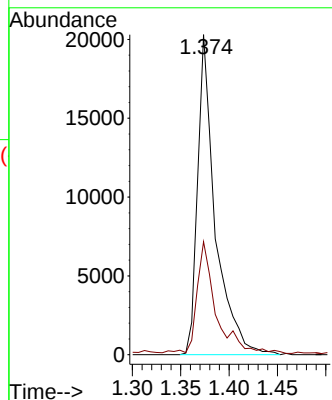
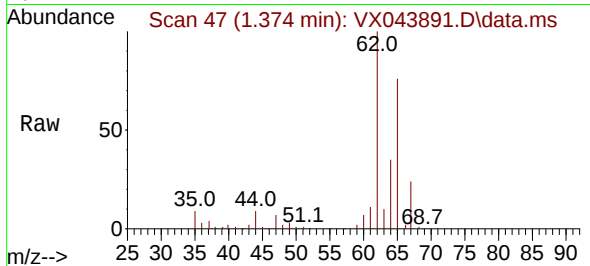




#5
 Vinyl chloride
 Concen: 9.331 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX043891.D
 Acq: 19 Nov 2024 10:30

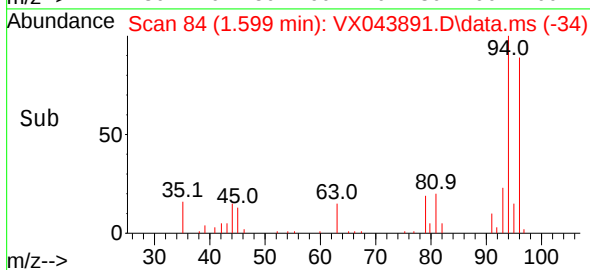
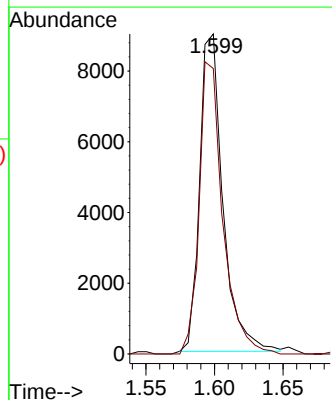
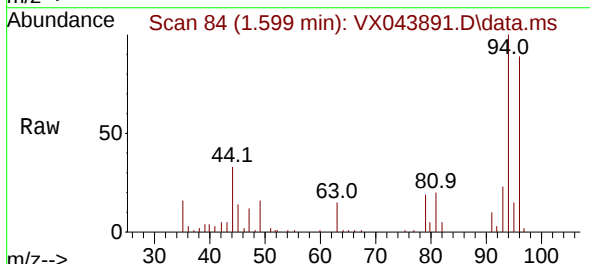
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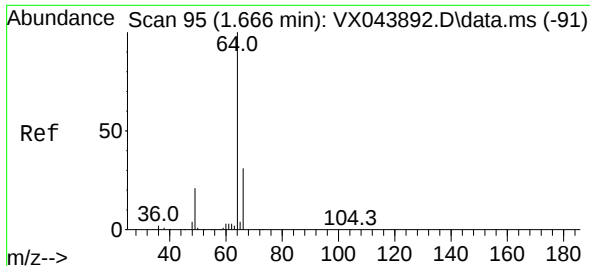
Tgt Ion: 62 Resp: 25730
 Ion Ratio Lower Upper
 62 100
 64 35.3 22.2 41.2



#6
 Bromomethane
 Concen: 9.219 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VX043891.D
 Acq: 19 Nov 2024 10:30

Tgt Ion: 94 Resp: 10588
 Ion Ratio Lower Upper
 94 100
 96 89.2 64.2 119.2

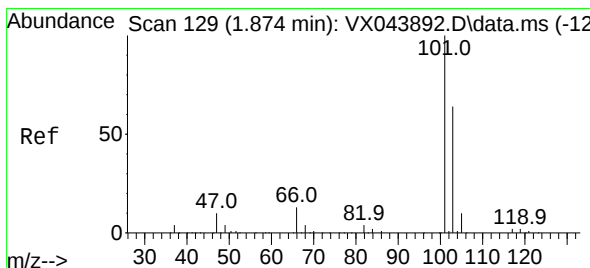
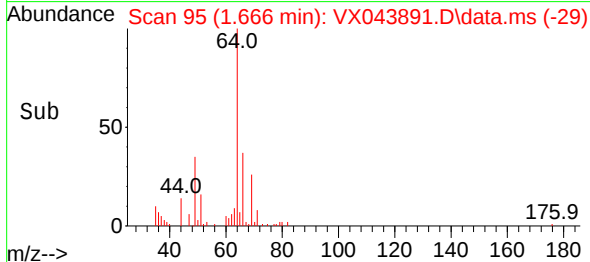
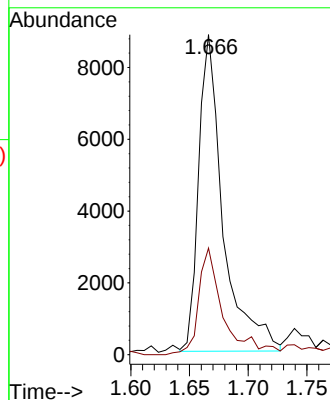
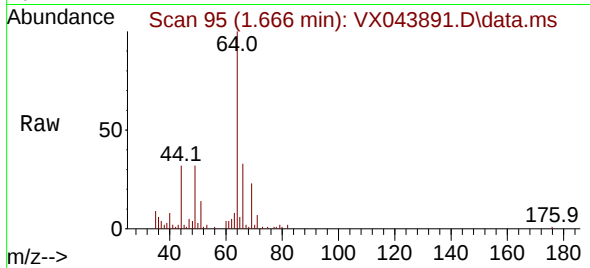




#8
 Chloroethane
 Concen: 11.038 ug/L
 RT: 1.666 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX043891.D
 Acq: 19 Nov 2024 10:30

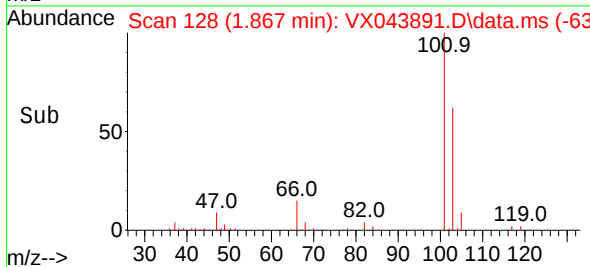
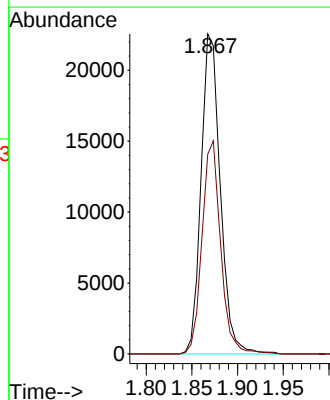
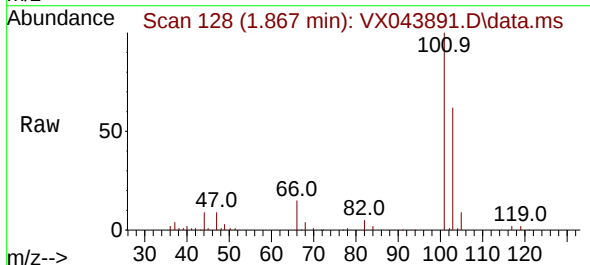
Instrument :
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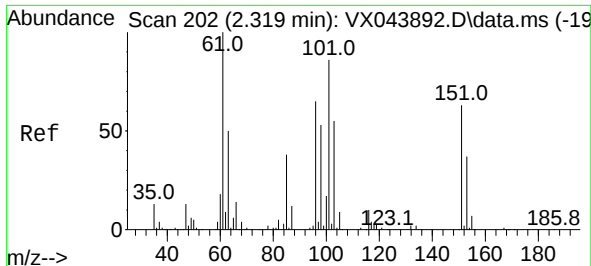
Tgt Ion: 64 Resp: 12798
 Ion Ratio Lower Upper
 64 100
 66 33.3 21.5 39.9



#9
 Trichlorofluoromethane
 Concen: 8.953 ug/L
 RT: 1.867 min Scan# 128
 Delta R.T. -0.006 min
 Lab File: VX043891.D
 Acq: 19 Nov 2024 10:30

Tgt Ion:101 Resp: 33034
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.8 76.2

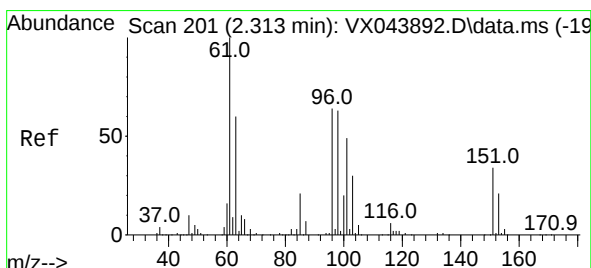
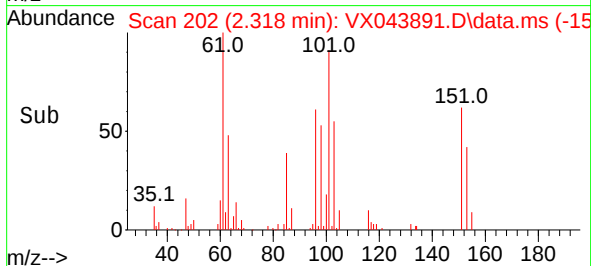
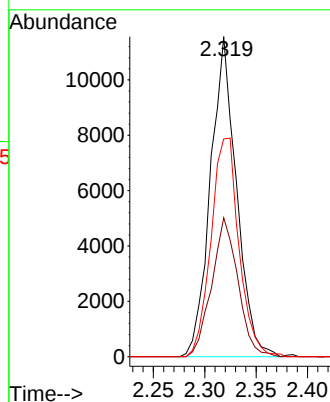
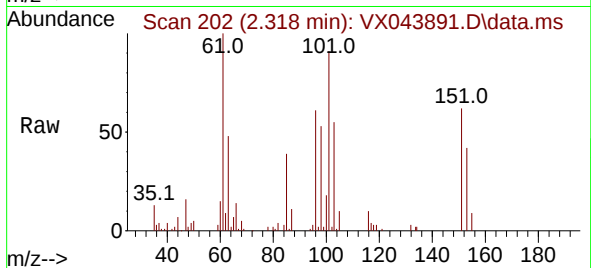




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.252 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX043891.D
 Acq: 19 Nov 2024 10:30

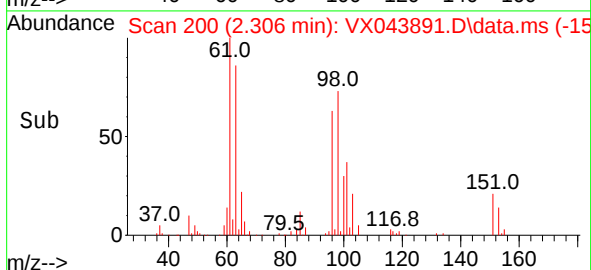
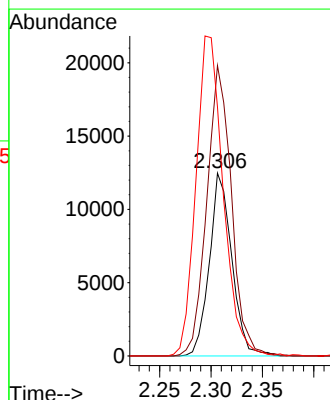
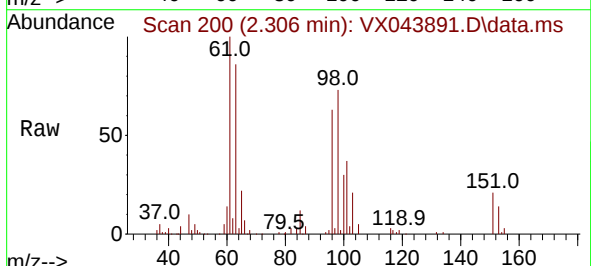
Instrument :
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 ClientSampleId :

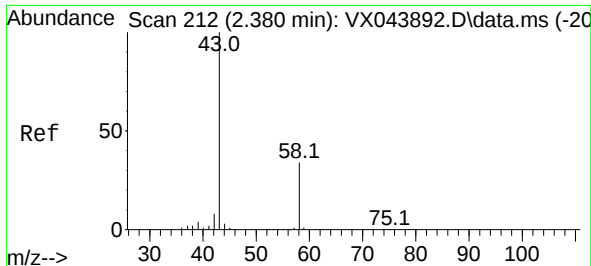
Tgt Ion:101 Resp: 20349
 Ion Ratio Lower Upper
 101 100
 85 43.6 33.9 50.9
 151 73.3 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 9.457 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX043891.D
 Acq: 19 Nov 2024 10:30

Tgt Ion: 96 Resp: 18941
 Ion Ratio Lower Upper
 96 100
 61 158.8 109.3 203.1
 63 136.2 65.7 122.1#





#13

Acetone

Concen: 19.879 ug/L

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

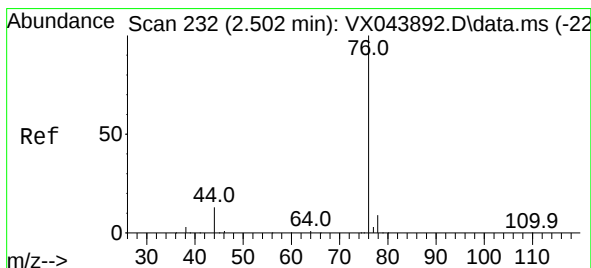
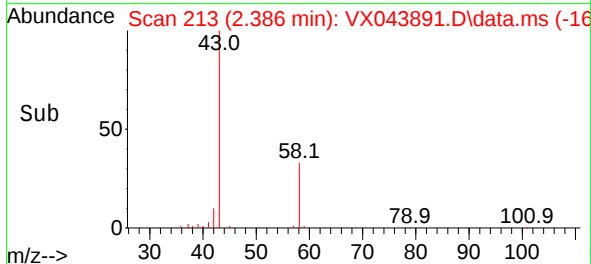
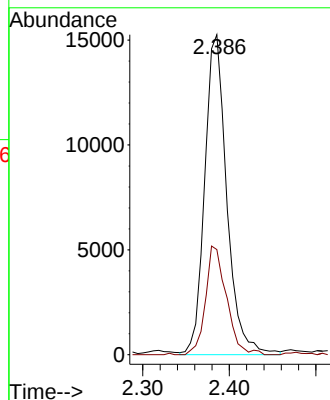
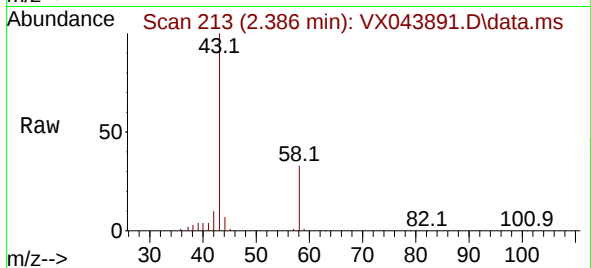
ClientSampleId :

Tgt Ion: 43 Resp: 27082

Ion Ratio Lower Upper

43 100

58 31.5 0.0 66.0



#14

Carbon disulfide

Concen: 8.138 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX043891.D

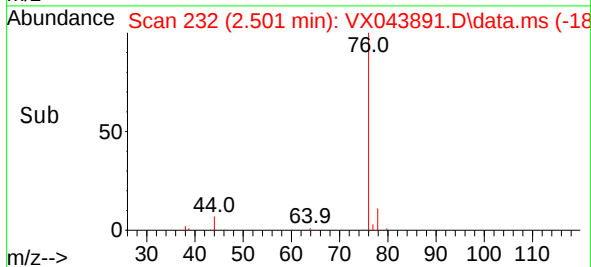
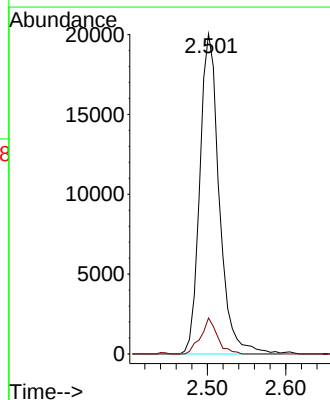
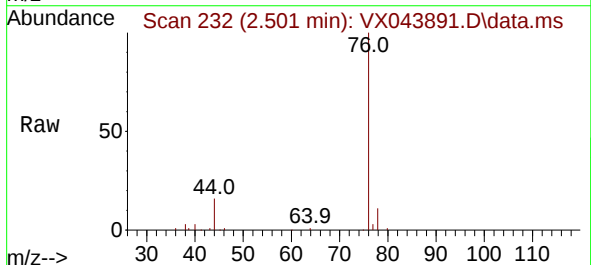
Acq: 19 Nov 2024 10:30

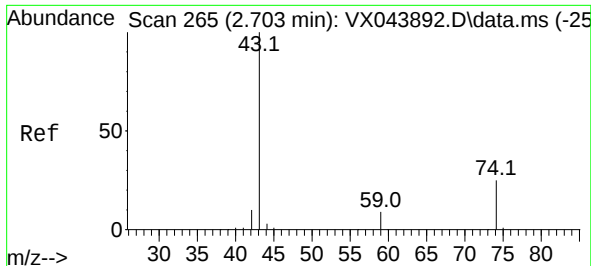
Tgt Ion: 76 Resp: 34643

Ion Ratio Lower Upper

76 100

78 11.2 7.2 10.8#





#15

Methyl Acetate

Concen: 9.777 ug/L

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

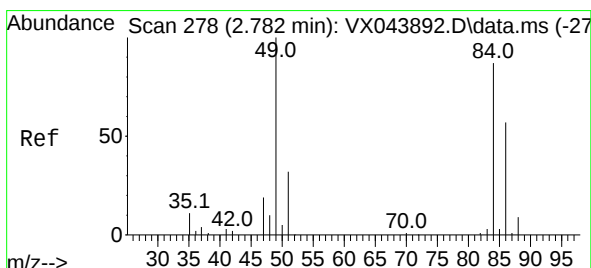
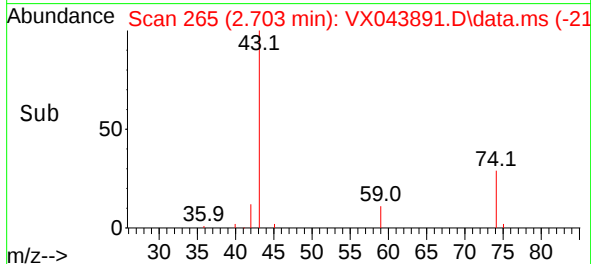
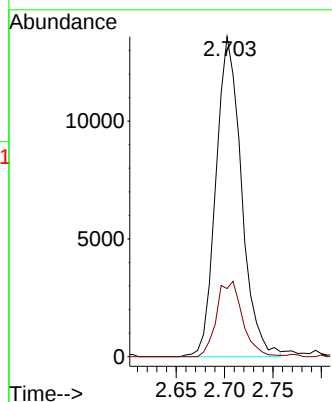
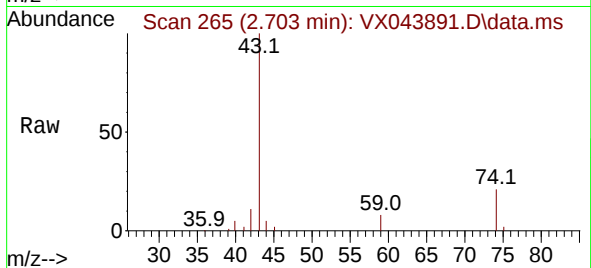
ClientSampleId :

Tgt Ion: 43 Resp: 24917

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.2



#16

Methylene chloride

Concen: 9.585 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

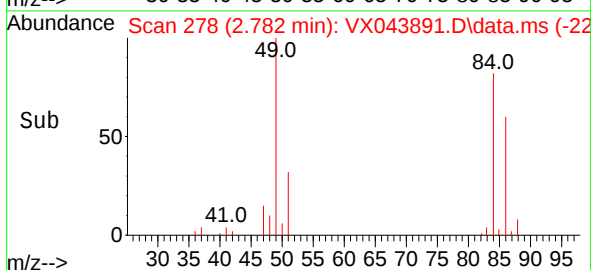
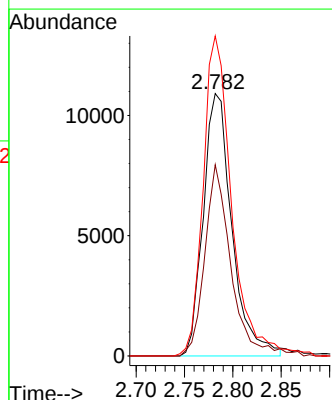
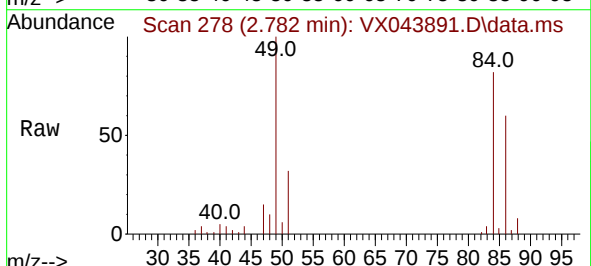
Tgt Ion: 84 Resp: 22511

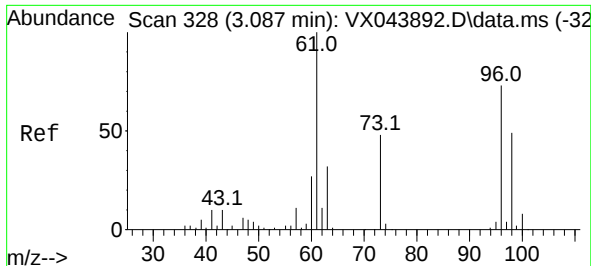
Ion Ratio Lower Upper

84 100

86 72.8 46.0 85.4

49 121.9 80.8 150.2





#17

trans-1,2-Dichloroethene

Concen: 9.529 ug/L

RT: 3.081 min Scan# 328

Delta R.T. -0.006 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

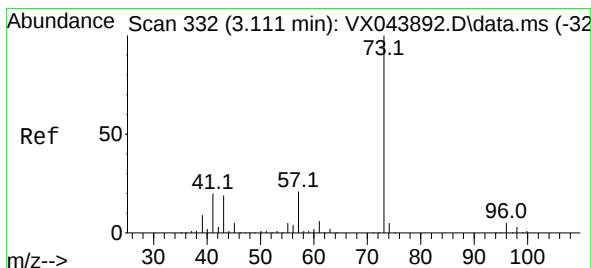
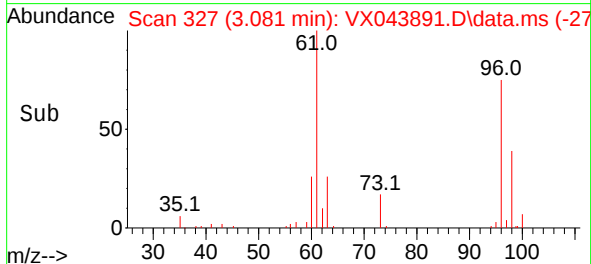
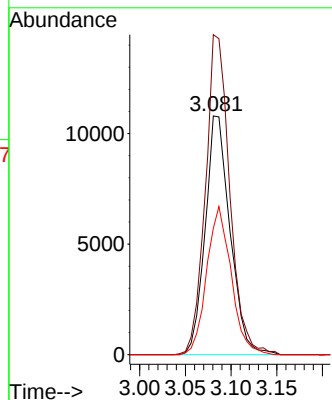
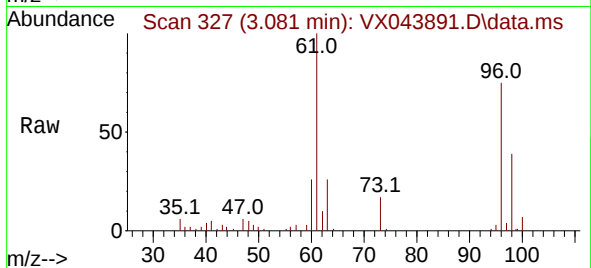
Tgt Ion: 96 Resp: 20439

Ion Ratio Lower Upper

96 100

61 134.1 95.7 177.7

98 52.9 47.2 87.6



#18

Methyl tert-butyl Ether

Concen: 9.364 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

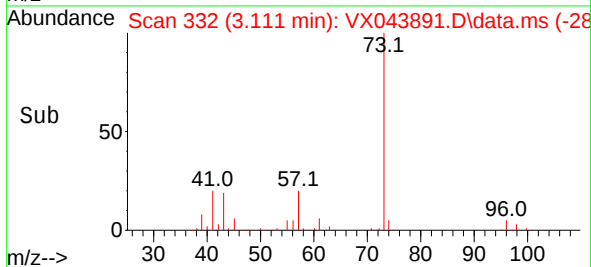
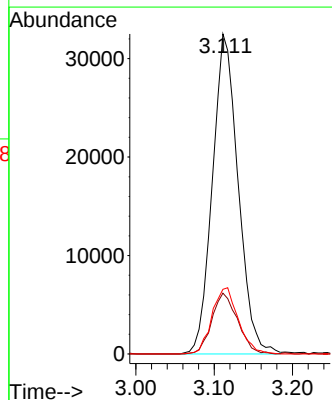
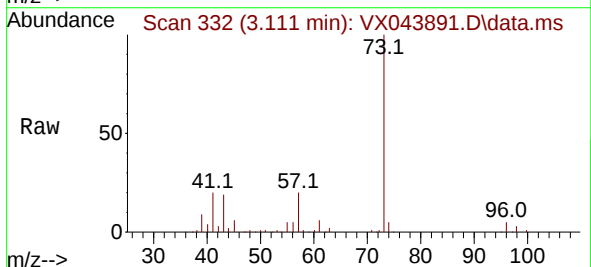
Tgt Ion: 73 Resp: 74327

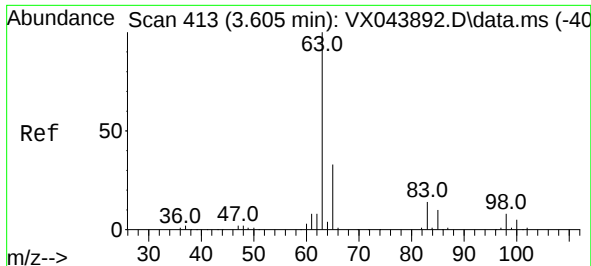
Ion Ratio Lower Upper

73 100

43 19.0 15.2 22.8

57 21.2 17.0 25.6





#19

1,1-Dichloroethane

Concen: 9.420 ug/L

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

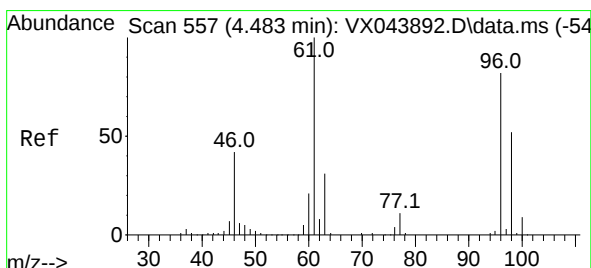
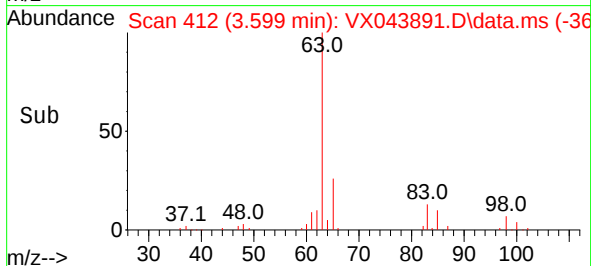
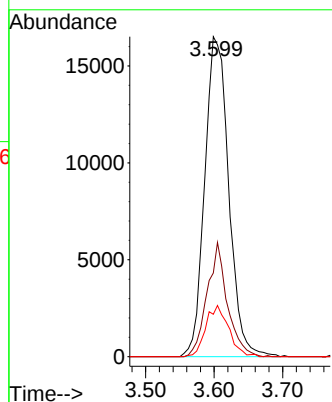
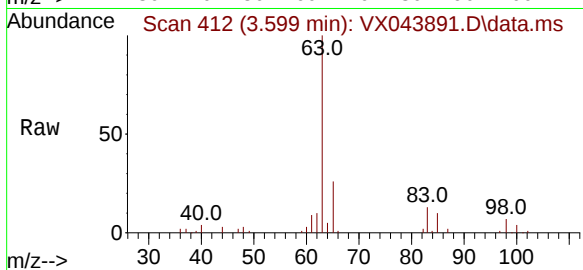
Tgt Ion: 63 Resp: 40253

Ion Ratio Lower Upper

63 100

65 26.2 23.2 43.2

83 13.3 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 9.333 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

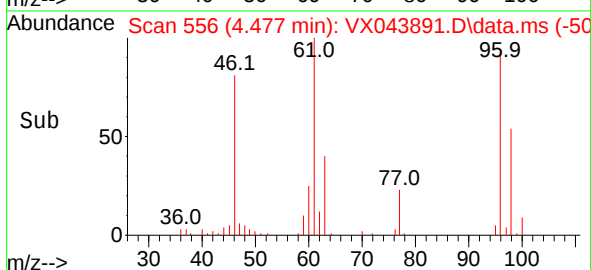
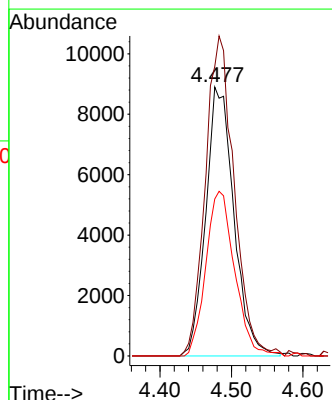
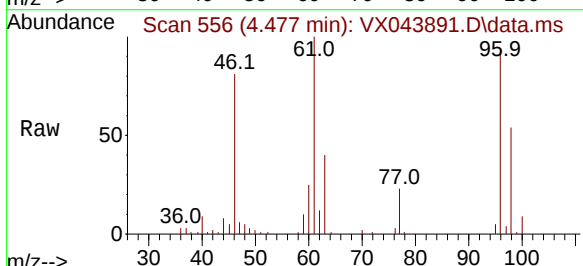
Tgt Ion: 96 Resp: 24337

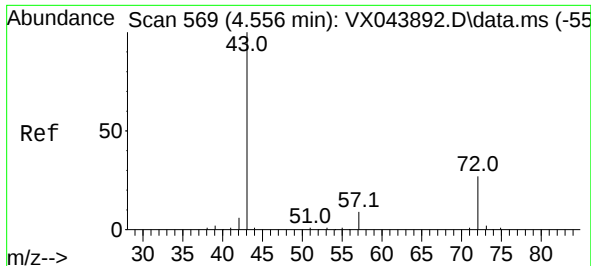
Ion Ratio Lower Upper

96 100

61 107.6 85.0 158.0

98 58.4 44.6 82.8





#22

2-Butanone

Concen: 0.124 ug/L

RT: 4.708 min Scan# 51

Delta R.T. 0.152 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

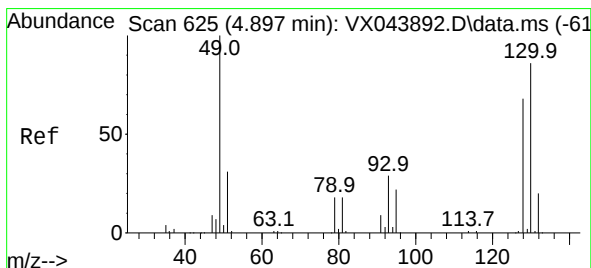
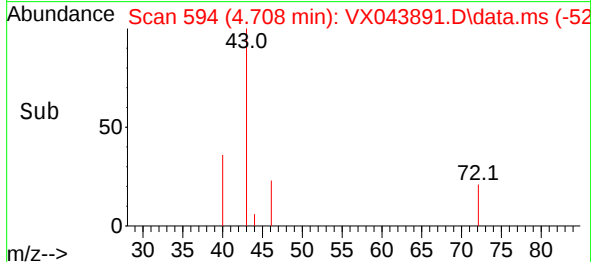
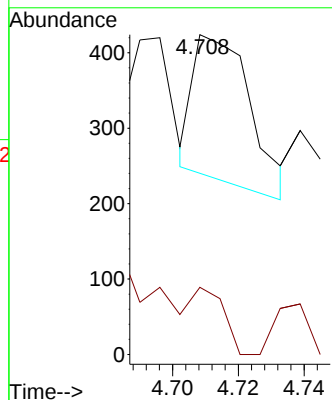
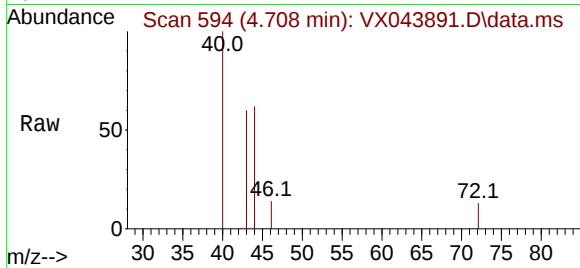
ClientSampleId :

Tgt Ion: 43 Resp: 227

Ion Ratio Lower Upper

43 100

72 26.4 13.1 39.3



#23

Bromochloromethane

Concen: 9.263 ug/L

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Tgt Ion: 128 Resp: 12412

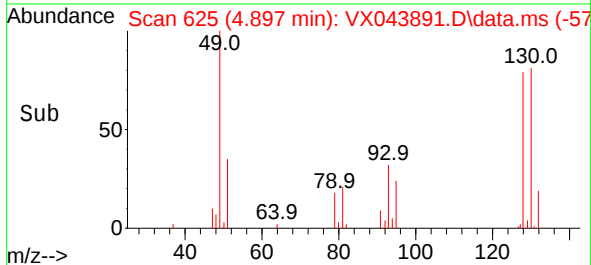
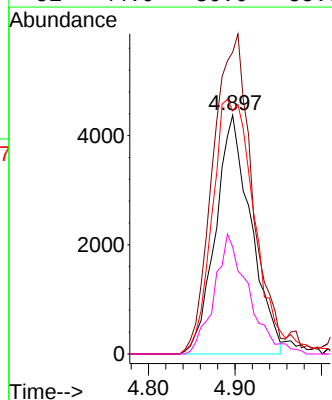
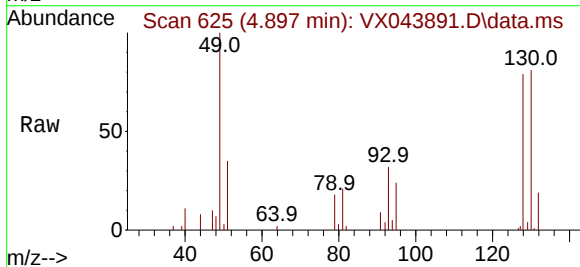
Ion Ratio Lower Upper

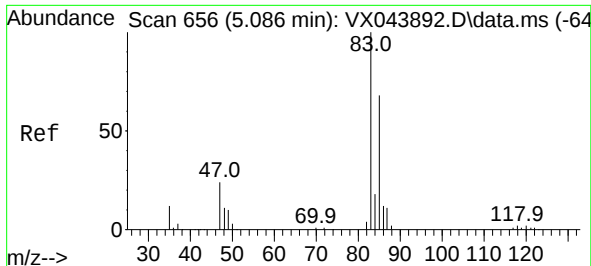
128 100

49 126.4 103.7 192.5

130 101.8 89.1 165.5

51 44.9 36.6 55.0





#25

Chloroform

Concen: 9.592 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

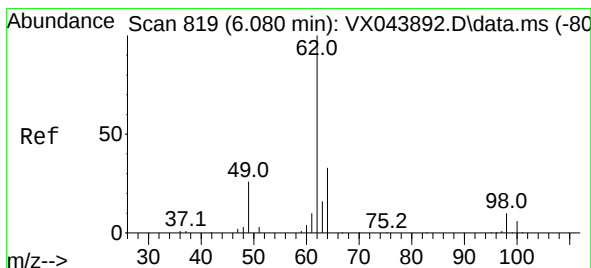
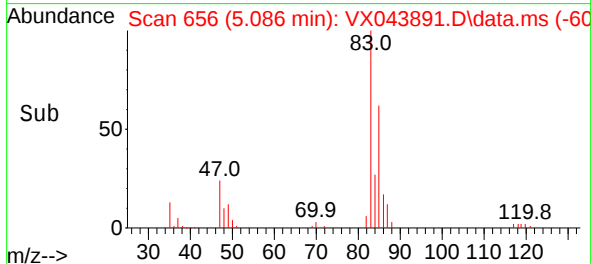
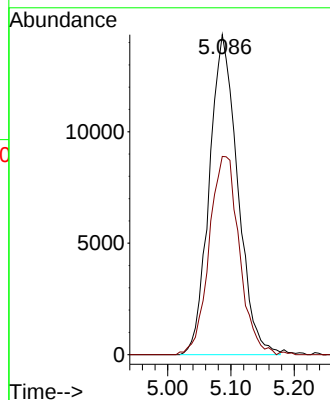
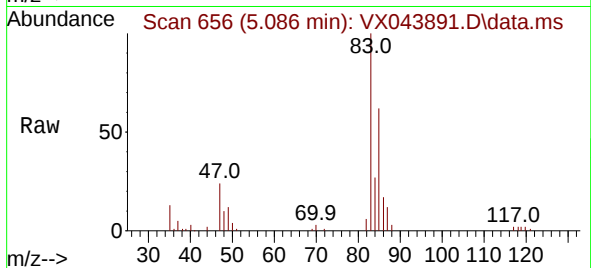
ClientSampleId :

Tgt Ion: 83 Resp: 44764

Ion Ratio Lower Upper

83 100

85 61.9 47.7 88.7



#27

1,2-Dichloroethane

Concen: 9.209 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX043891.D

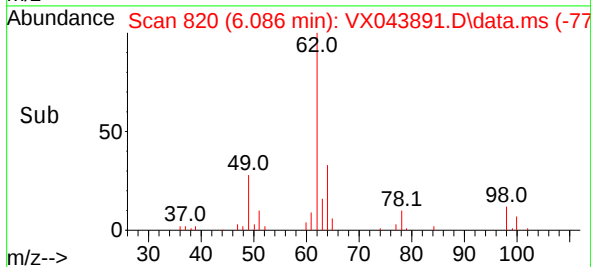
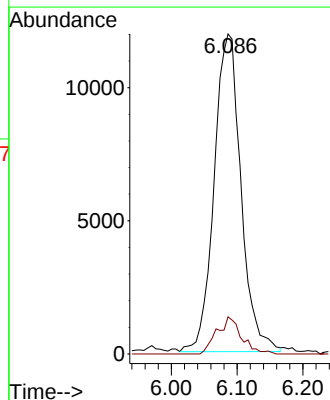
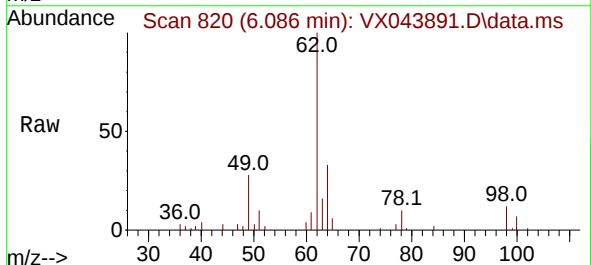
Acq: 19 Nov 2024 10:30

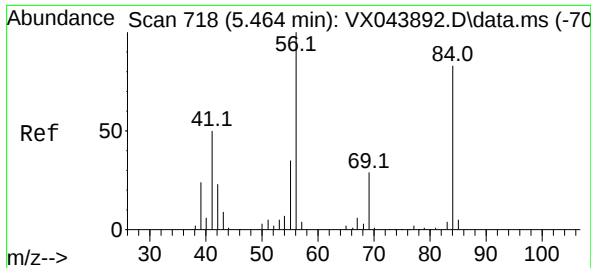
Tgt Ion: 62 Resp: 33898

Ion Ratio Lower Upper

62 100

98 11.6 7.7 11.5#

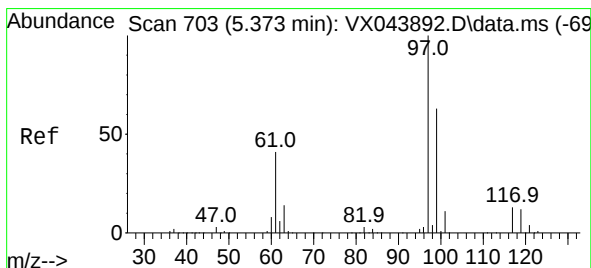
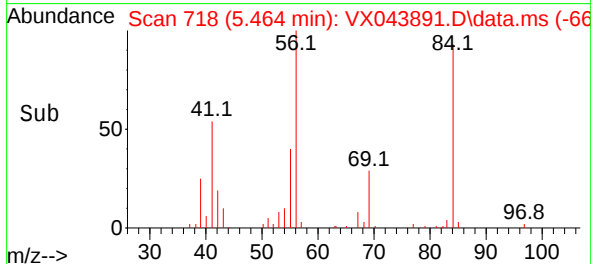
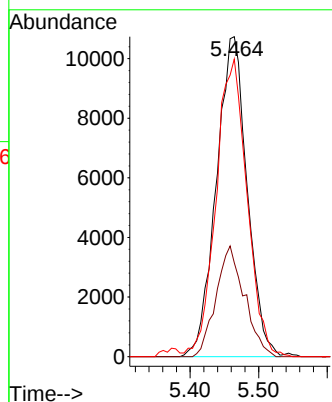
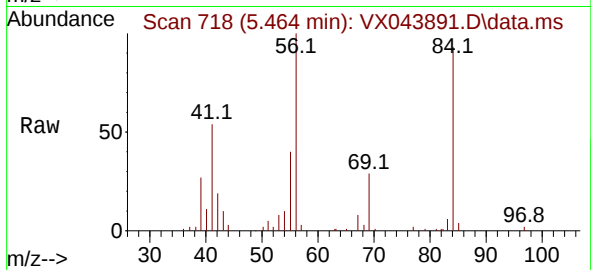




#29
Cyclohexane
Concen: 11.159 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30

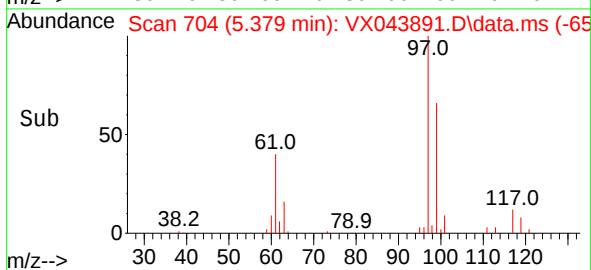
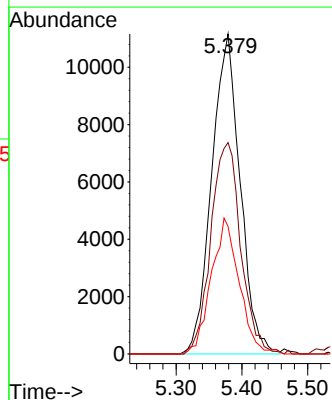
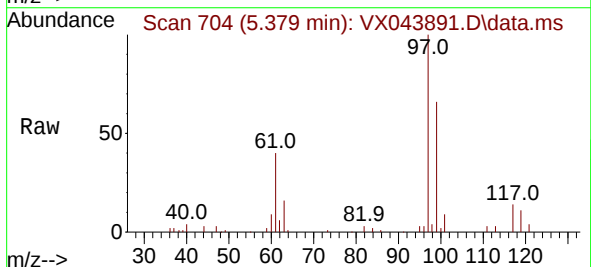
Instrument :
MSVOA_X
ClientSampleId :

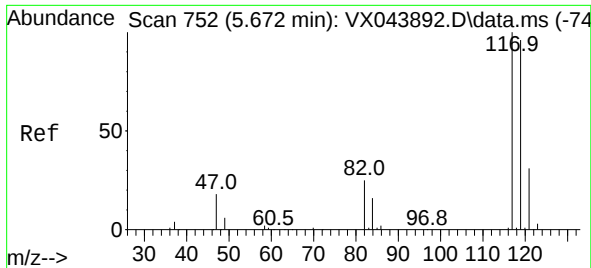
Tgt Ion: 56 Resp: 33531
Ion Ratio Lower Upper
56 100
69 32.0 25.1 37.7
84 93.6 72.9 109.3



#30
1,1,1-Trichloroethane
Concen: 10.524 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30

Tgt Ion: 97 Resp: 33545
Ion Ratio Lower Upper
97 100
99 69.3 52.2 78.2
61 41.2 32.8 49.2

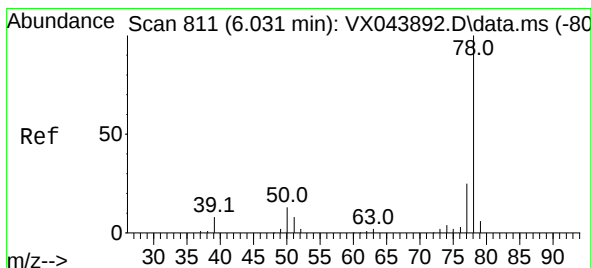
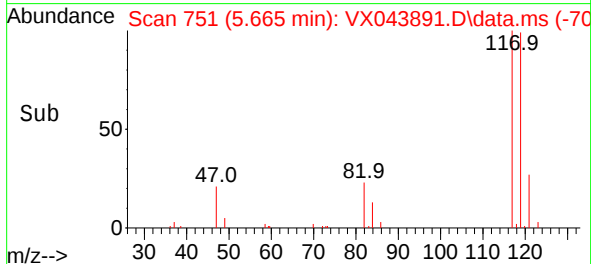
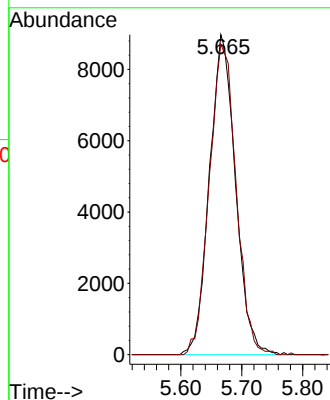
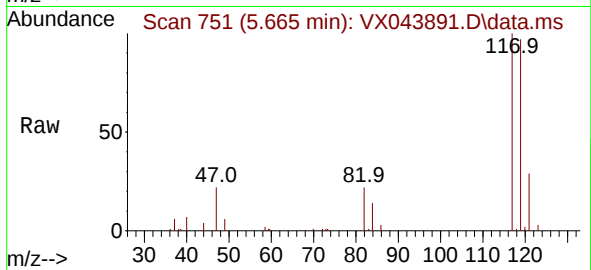




#31
Carbon tetrachloride
Concen: 10.294 ug/L
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30

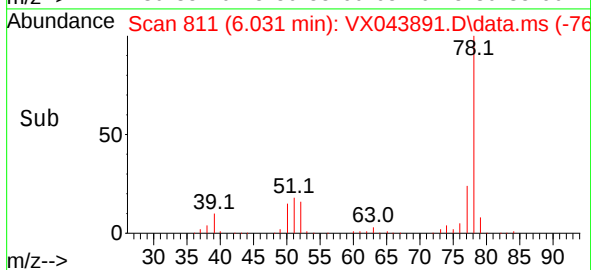
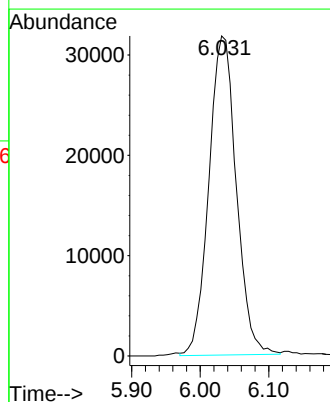
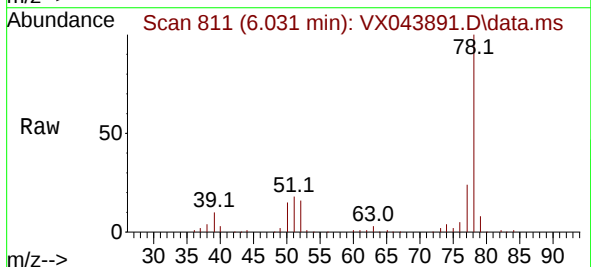
Instrument :
MSVOA_X
ClientSampleId :

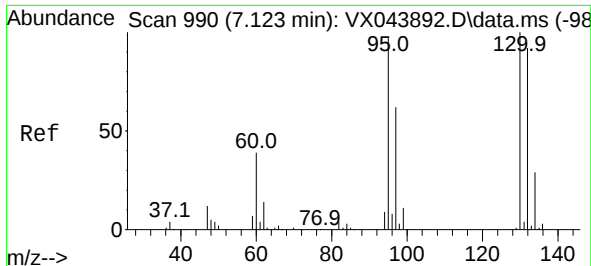
Tgt Ion:117 Resp: 26614
Ion Ratio Lower Upper
117 100
119 99.7 77.7 116.5



#33
Benzene
Concen: 11.453 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30

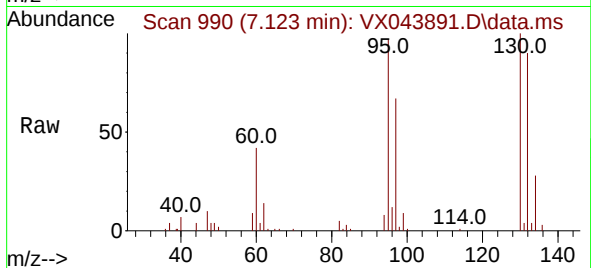
Tgt Ion: 78 Resp: 88448



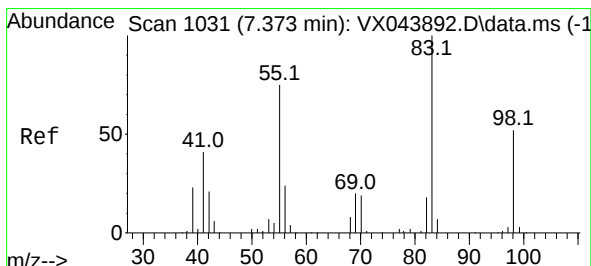
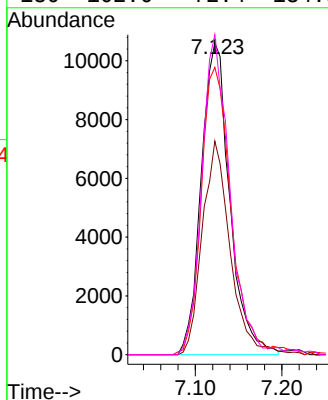
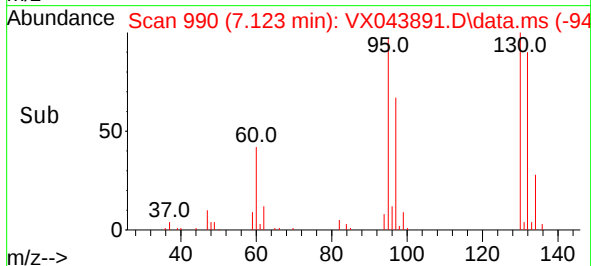


#34
Trichloroethene
Concen: 11.446 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30

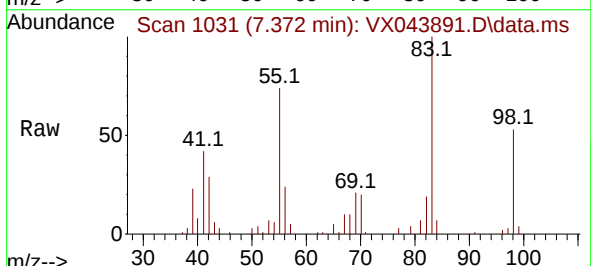
Instrument :
MSVOA_X
ClientSampleId :



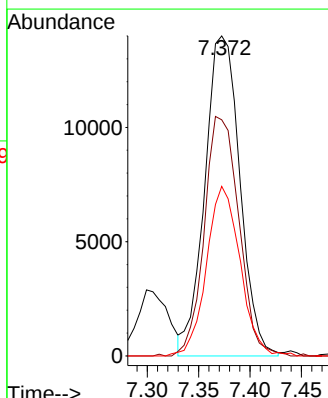
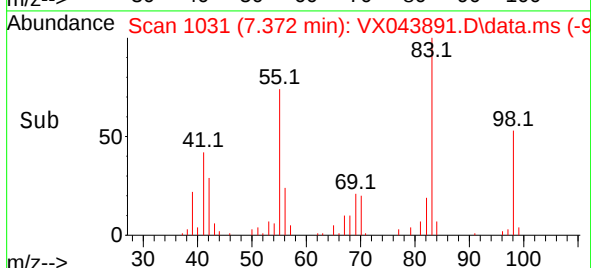
Tgt Ion: 95 Resp: 24258
Ion Ratio Lower Upper
95 100
97 68.5 45.0 83.6
132 92.1 66.6 123.8
130 102.6 72.4 134.5

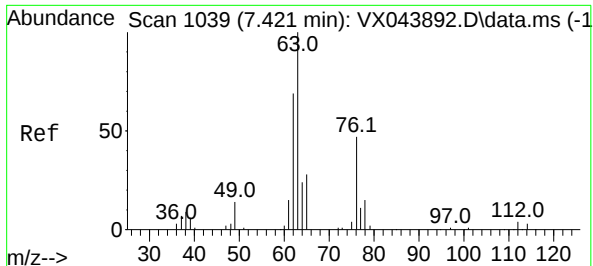


#35
Methylcyclohexane
Concen: 11.478 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30



Tgt Ion: 83 Resp: 33259
Ion Ratio Lower Upper
83 100
55 73.7 58.5 87.7
98 50.4 40.5 60.7

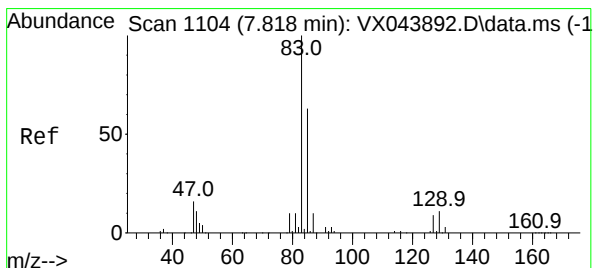
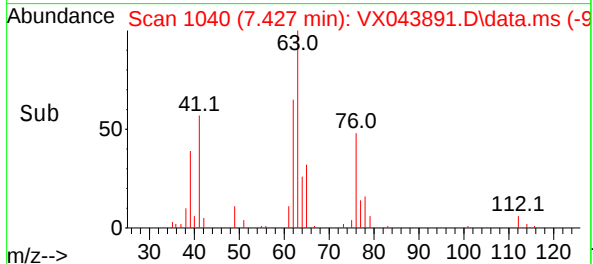
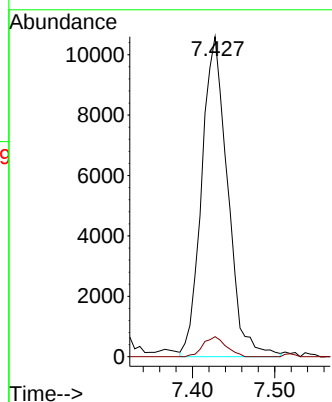
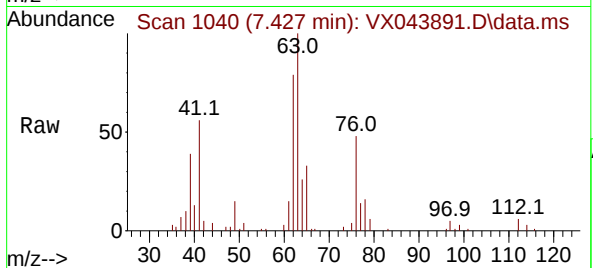




#37
1,2-Dichloropropane
Concen: 11.613 ug/L
RT: 7.427 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30

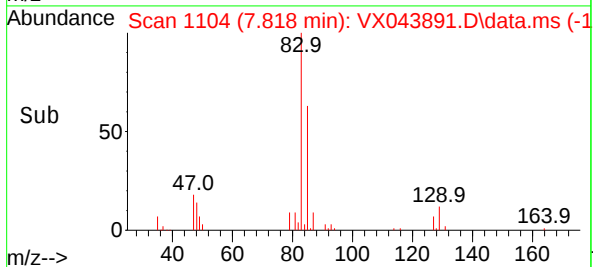
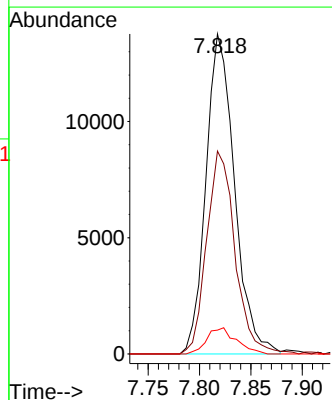
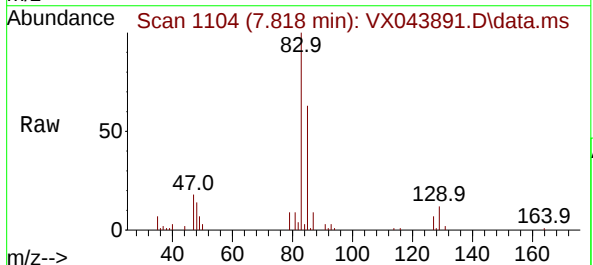
Instrument :
MSVOA_X
ClientSampleId :

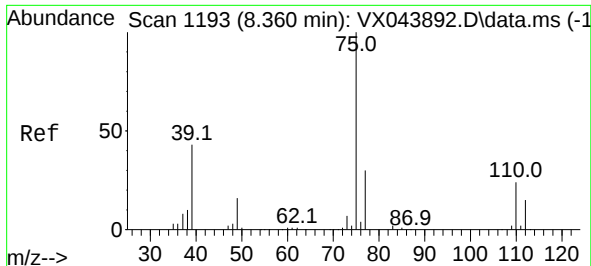
Tgt Ion: 63 Resp: 23275
Ion Ratio Lower Upper
63 100
112 5.5 3.6 5.4#



#38
Bromodichloromethane
Concen: 10.605 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30

Tgt Ion: 83 Resp: 26657
Ion Ratio Lower Upper
83 100
85 63.4 44.1 81.9
127 7.5 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 11.220 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

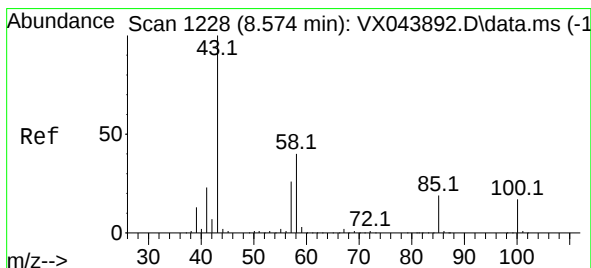
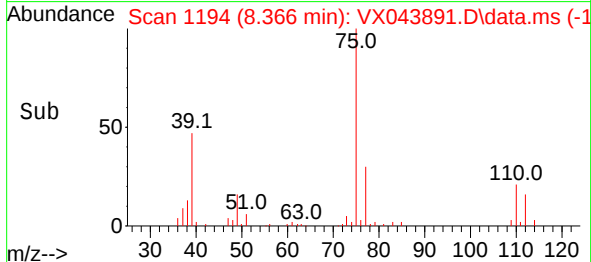
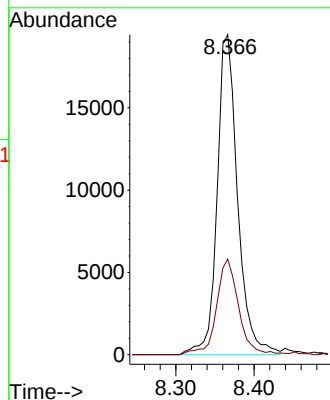
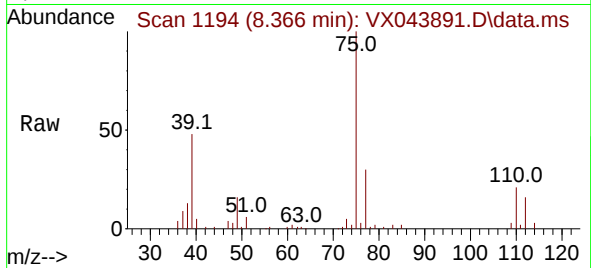
ClientSampleId :

Tgt Ion: 75 Resp: 35434

Ion Ratio Lower Upper

75 100

77 29.9 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 22.735 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

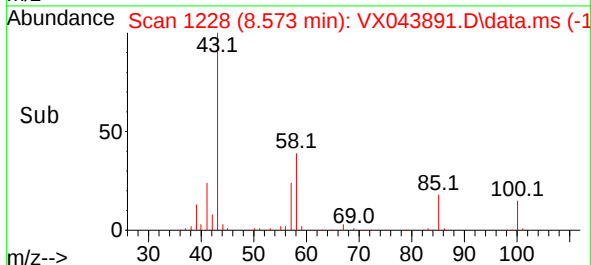
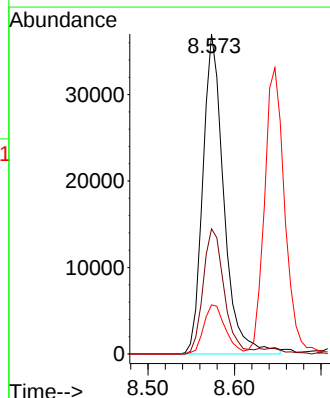
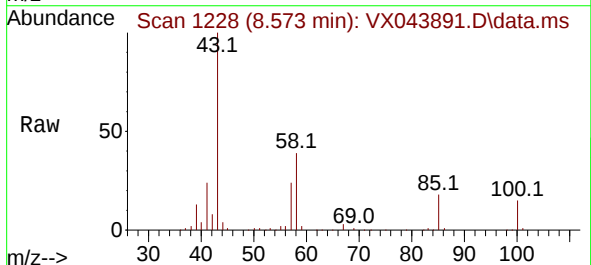
Tgt Ion: 43 Resp: 62381

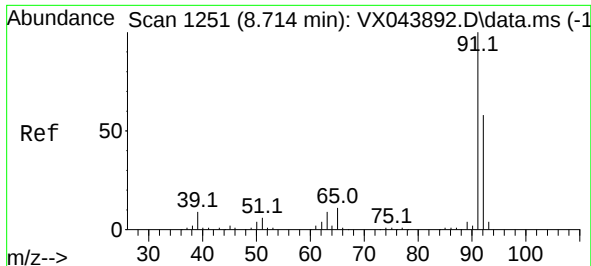
Ion Ratio Lower Upper

43 100

58 39.2 32.4 48.6

100 15.7 13.7 20.5





#42

Toluene

Concen: 11.802 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

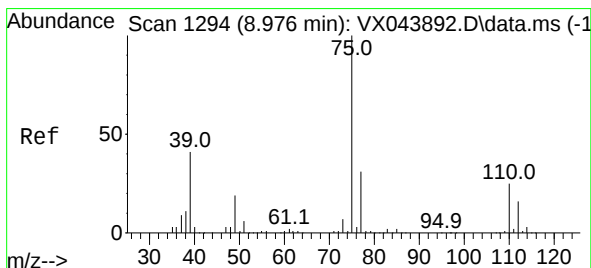
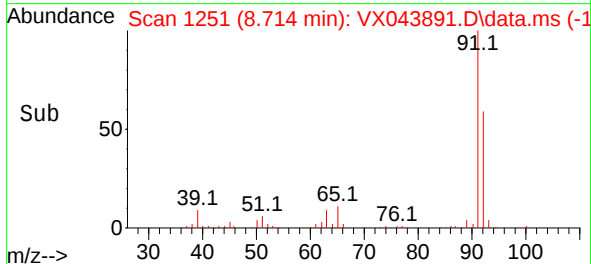
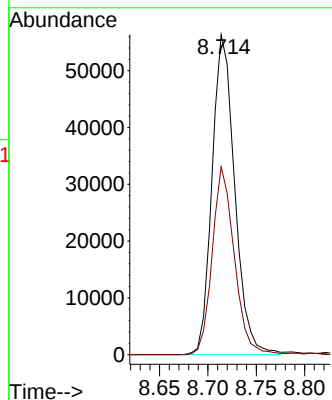
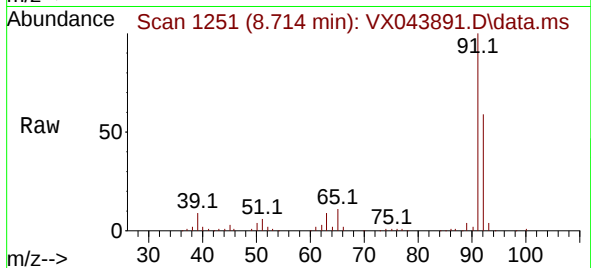
ClientSampleId :

Tgt Ion: 91 Resp: 91845

Ion Ratio Lower Upper

91 100

92 58.7 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 10.057 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043891.D

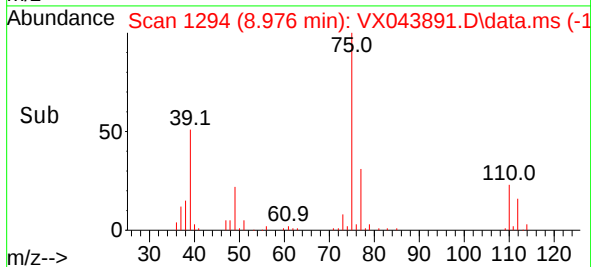
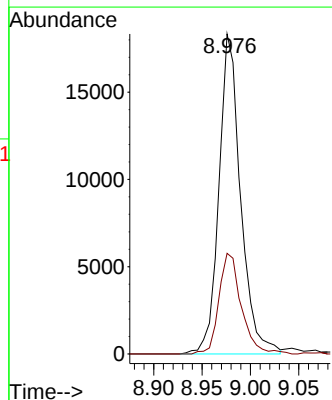
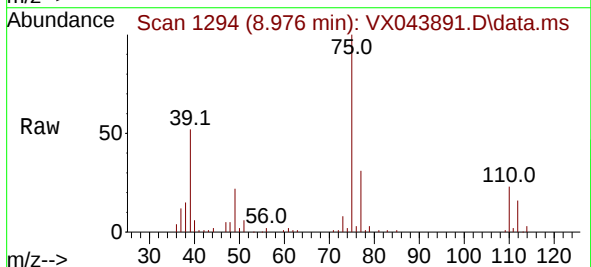
Acq: 19 Nov 2024 10:30

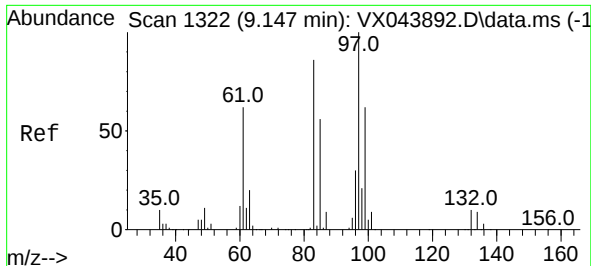
Tgt Ion: 75 Resp: 28549

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6

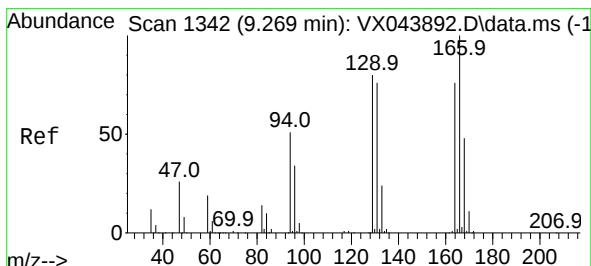
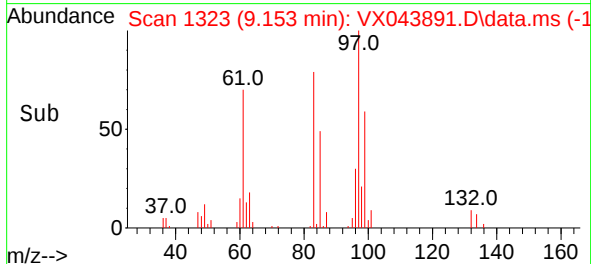
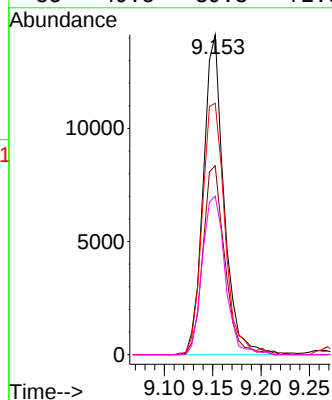
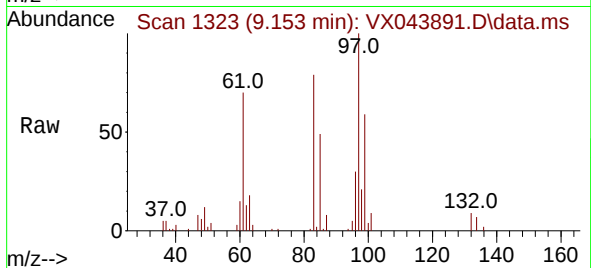




#45
1,1,2-Trichloroethane
Concen: 10.713 ug/L
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30

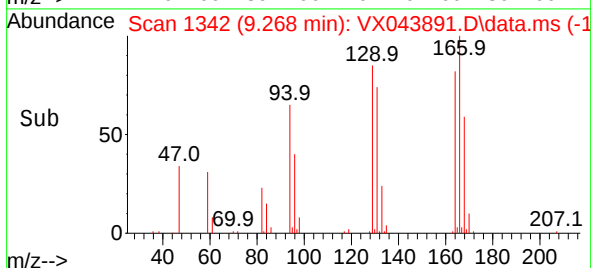
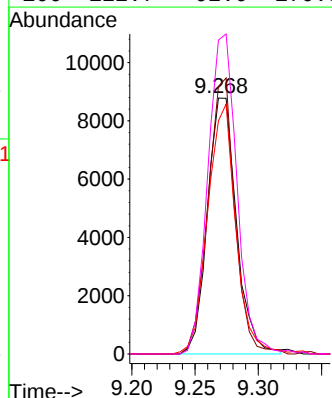
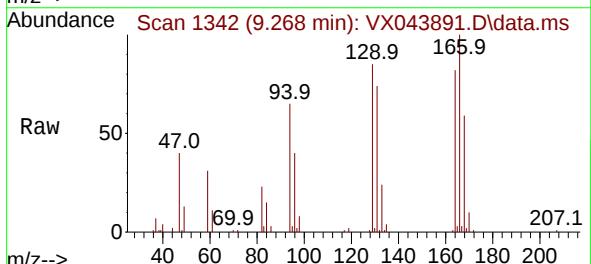
Instrument :
MSVOA_X
ClientSampleId :

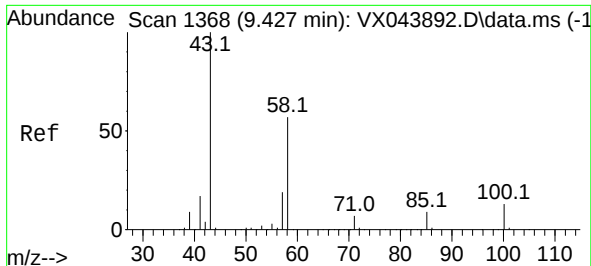
Tgt Ion: 97	Resp: 21115
Ion Ratio	Lower Upper
97 100	
99 59.0	43.4 80.6
83 78.5	60.2 111.8
85 49.5	39.3 72.9



#46
Tetrachloroethene
Concen: 10.091 ug/L
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX043891.D
Acq: 19 Nov 2024 10:30

Tgt	Ion:164	Resp:	13935
Ion	Ratio	Lower	Upper
164	100		
129	104.6	73.6	136.6
131	91.1	70.2	130.4
166	122.7	92.0	170.8





#48

2-Hexanone

Concen: 21.137 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

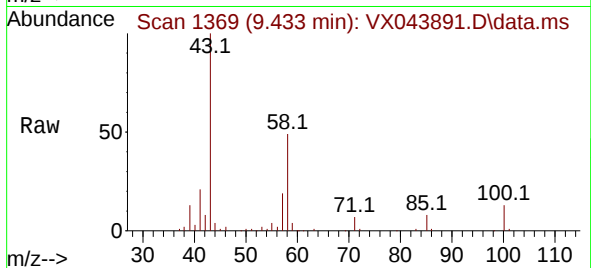
Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

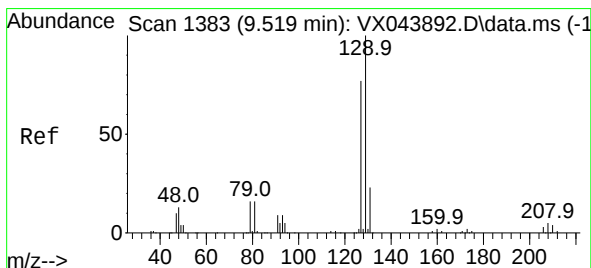
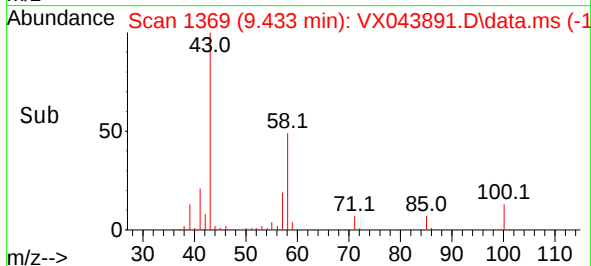
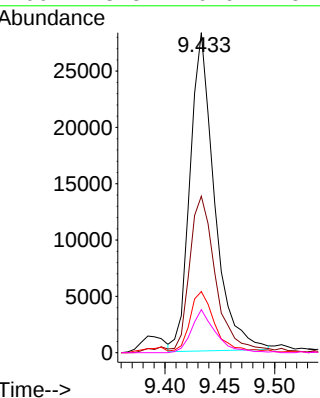
MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 43775

Ion	Ratio	Lower	Upper
43	100		
58	53.0	45.4	68.2
57	20.2	15.4	23.0
100	13.3	10.6	15.8



#49

Dibromochloromethane

Concen: 9.013 ug/L

RT: 9.518 min Scan# 1383

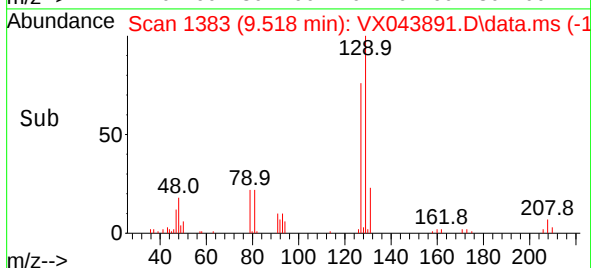
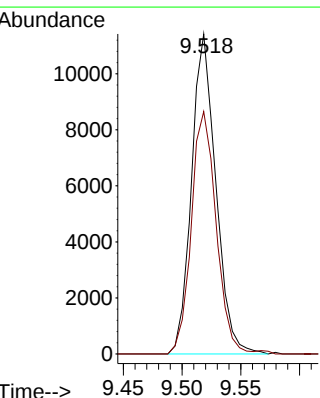
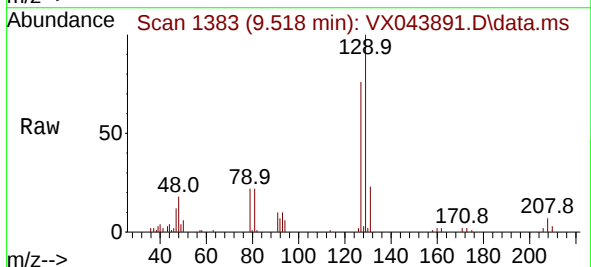
Delta R.T. -0.000 min

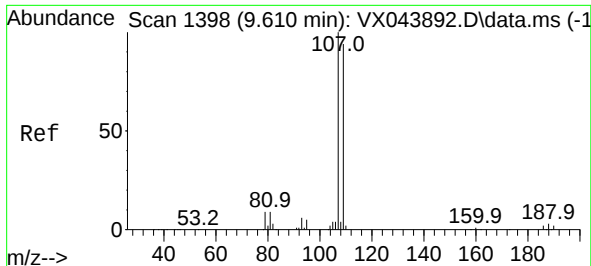
Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Tgt Ion: 129 Resp: 16422

Ion	Ratio	Lower	Upper
129	100		
127	75.7	53.5	99.5





#50

1,2-Dibromoethane

Concen: 10.261 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min MSVOA_X

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

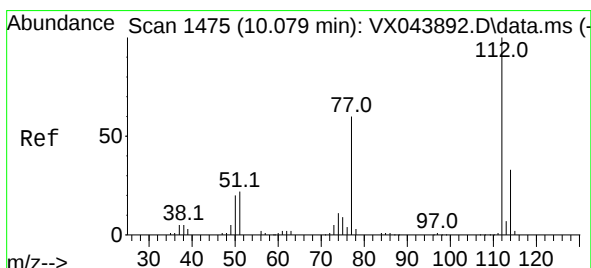
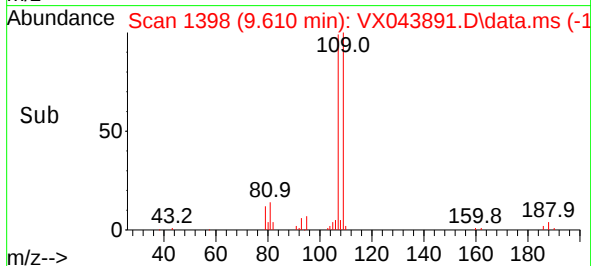
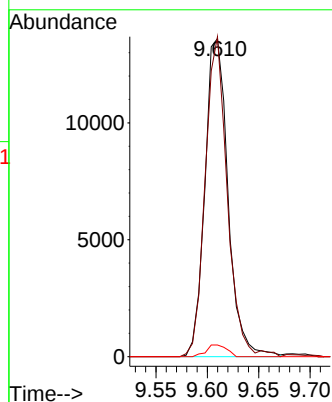
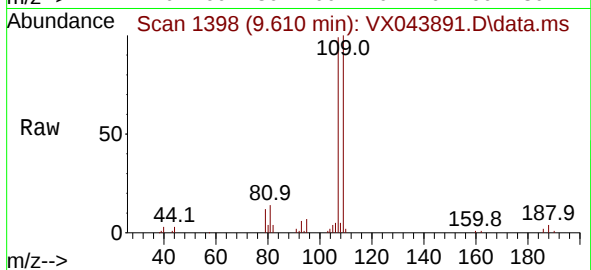
Tgt Ion:107 Resp: 21303

Ion Ratio Lower Upper

107 100

109 100.6 65.5 121.7

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 10.167 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

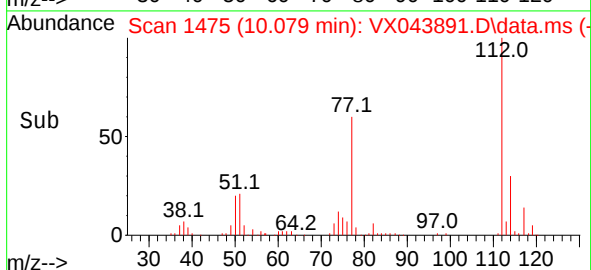
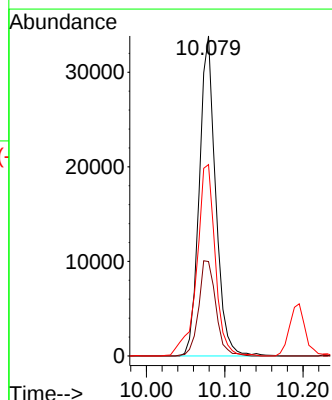
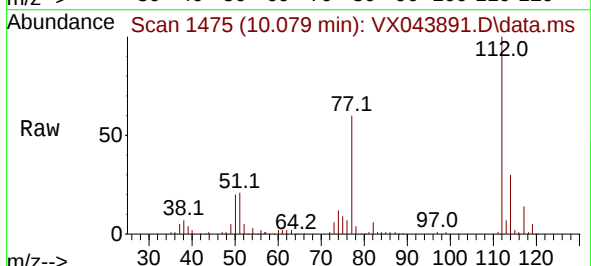
Tgt Ion:112 Resp: 49081

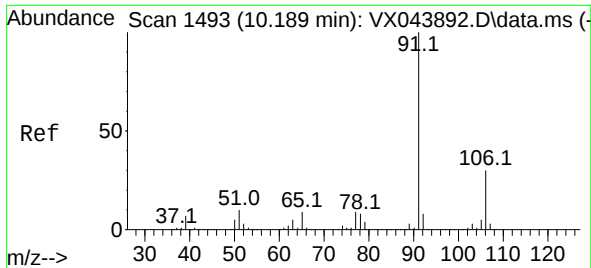
Ion Ratio Lower Upper

112 100

114 29.5 22.9 42.5

77 59.8 48.0 72.0





#52

Ethylbenzene

Concen: 10.196 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

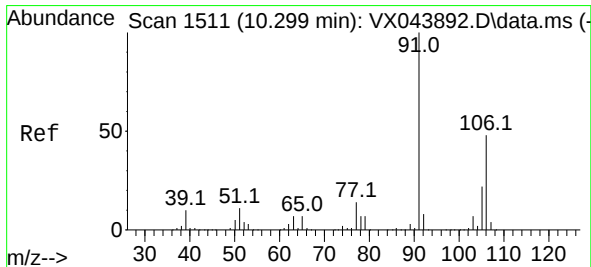
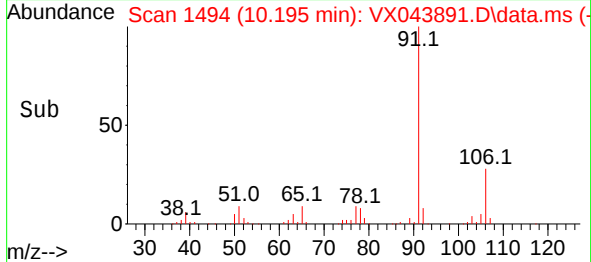
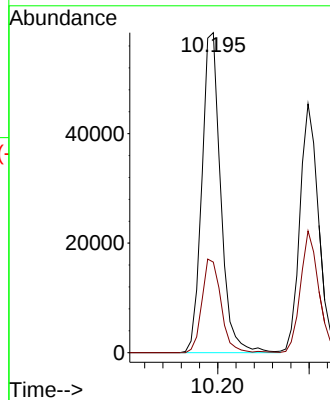
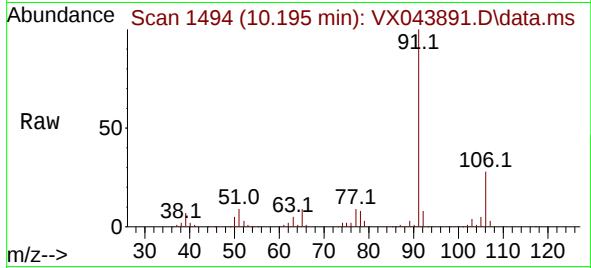
ClientSampleId :

Tgt Ion: 91 Resp: 83634

Ion Ratio Lower Upper

91 100

106 28.3 21.1 39.1



#53

m,p-Xylene

Concen: 10.362 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043891.D

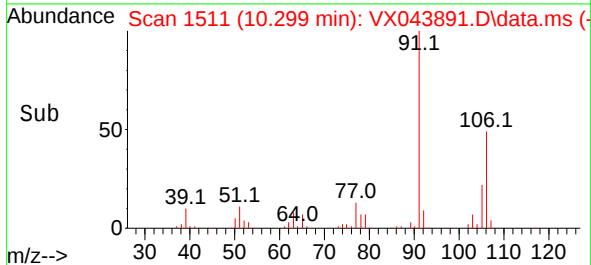
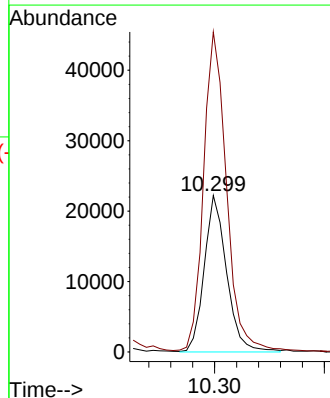
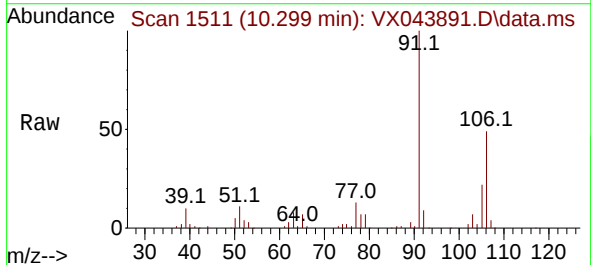
Acq: 19 Nov 2024 10:30

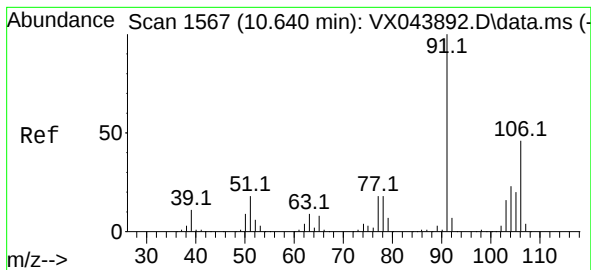
Tgt Ion:106 Resp: 31568

Ion Ratio Lower Upper

106 100

91 204.5 147.5 273.9





#54

o-Xylene

Concen: 10.876 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

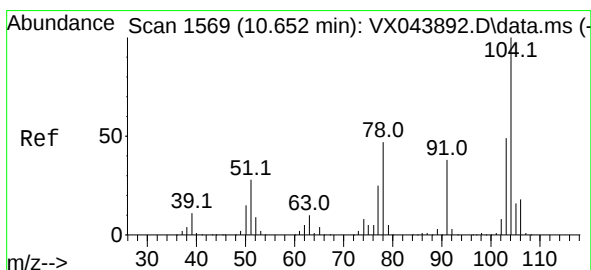
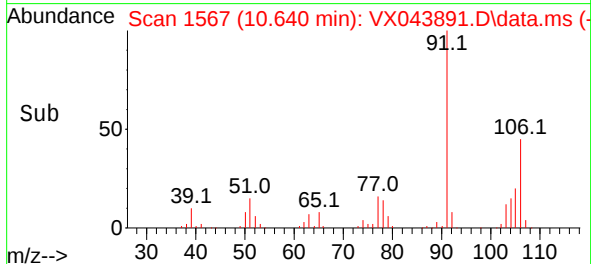
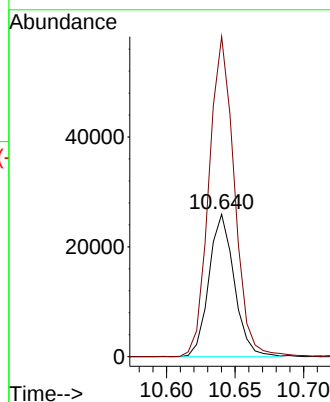
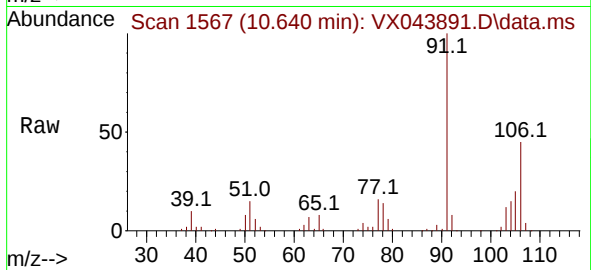
ClientSampleId :

Tgt Ion:106 Resp: 33359

Ion Ratio Lower Upper

106 100

91 224.6 153.7 285.5



#55

Styrene

Concen: 10.203 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043891.D

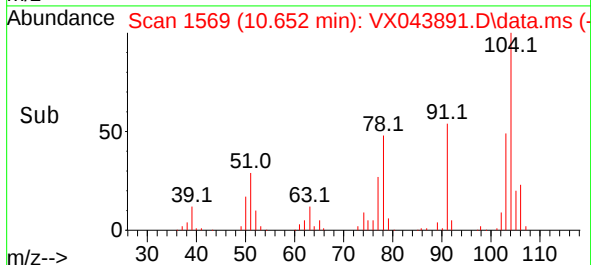
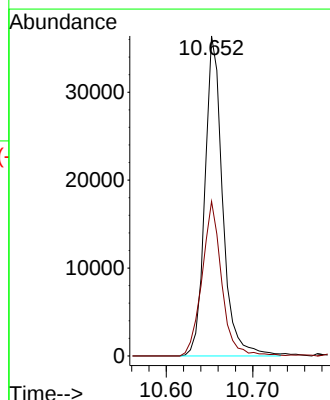
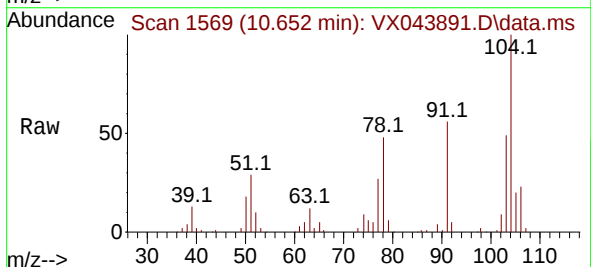
Acq: 19 Nov 2024 10:30

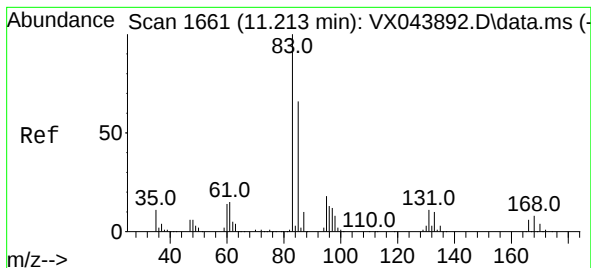
Tgt Ion:104 Resp: 51805

Ion Ratio Lower Upper

104 100

78 48.3 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 10.276 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

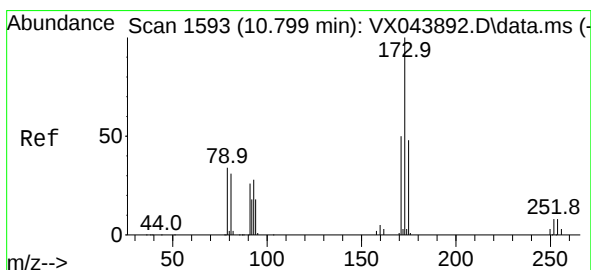
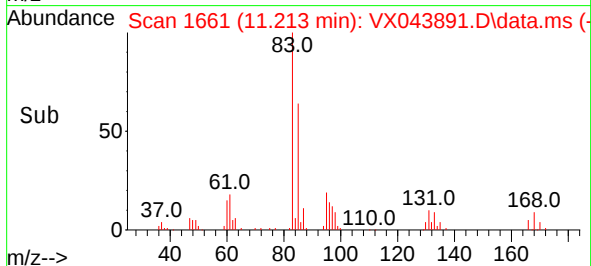
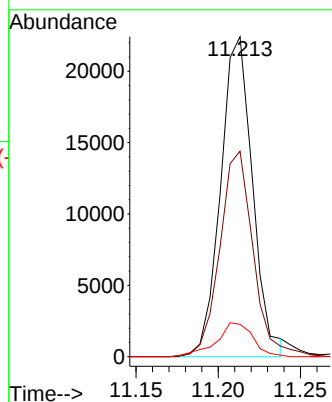
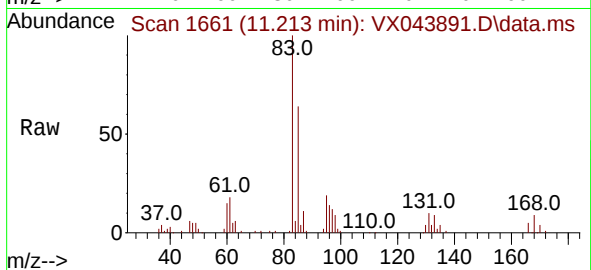
Tgt Ion: 83 Resp: 30316

Ion Ratio Lower Upper

83 100

85 64.2 46.0 85.4

131 10.1 8.8 13.2



#59

Bromoform

Concen: 9.008 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

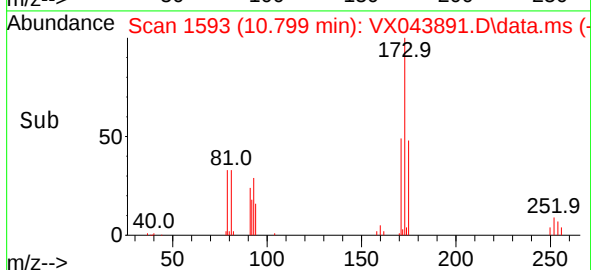
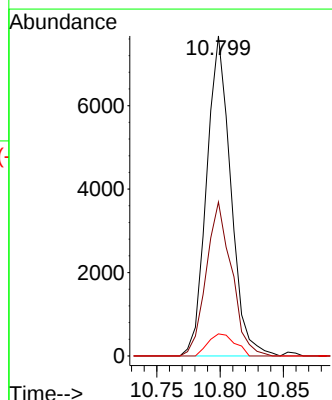
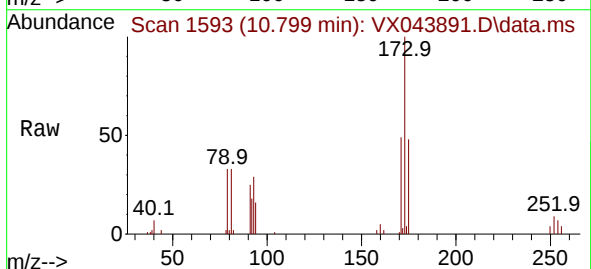
Tgt Ion:173 Resp: 10192

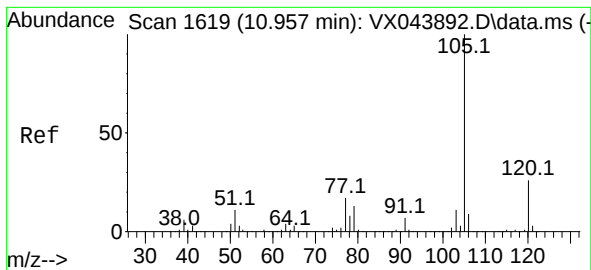
Ion Ratio Lower Upper

173 100

175 50.6 40.0 60.0

254 7.7 6.3 9.5





#60

Isopropylbenzene

Concen: 10.794 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

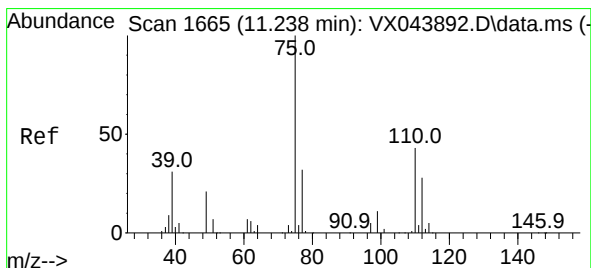
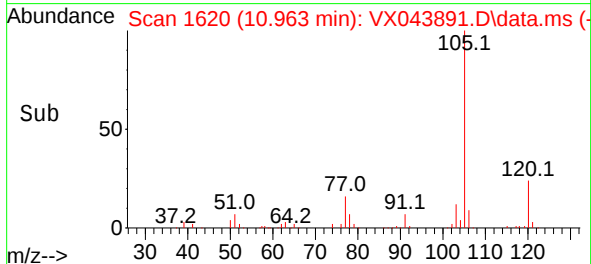
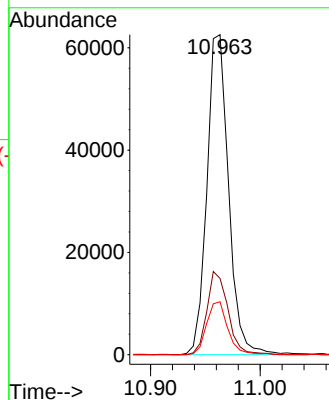
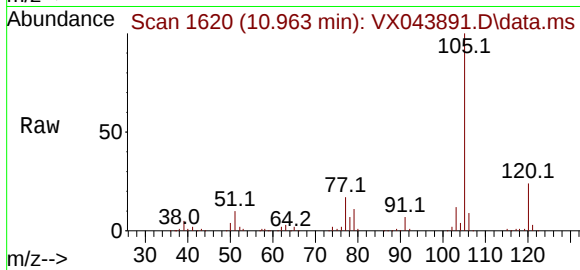
Tgt Ion:105 Resp: 85895

Ion Ratio Lower Upper

105 100

120 25.2 20.6 31.0

77 16.2 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 10.842 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

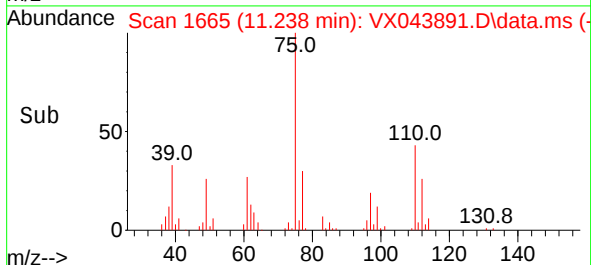
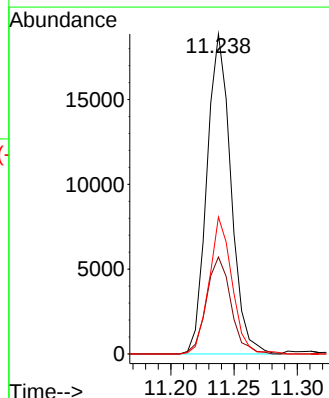
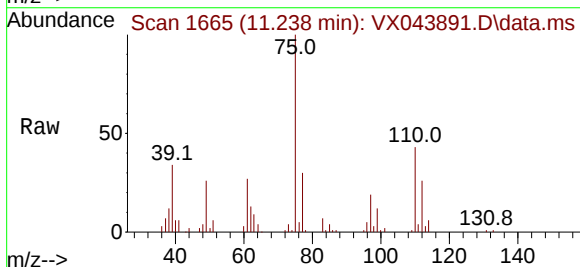
Tgt Ion: 75 Resp: 24945

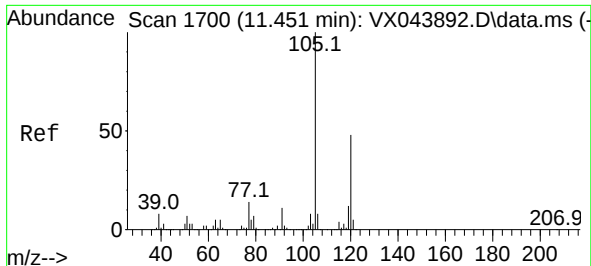
Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6

110 40.6 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 10.333 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

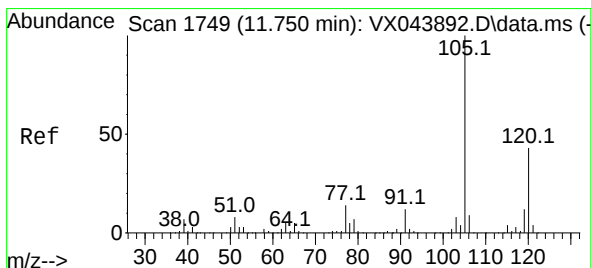
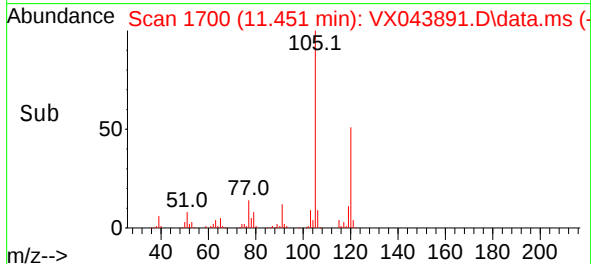
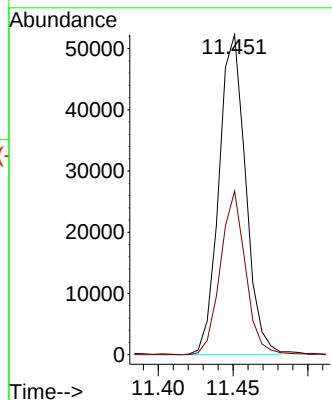
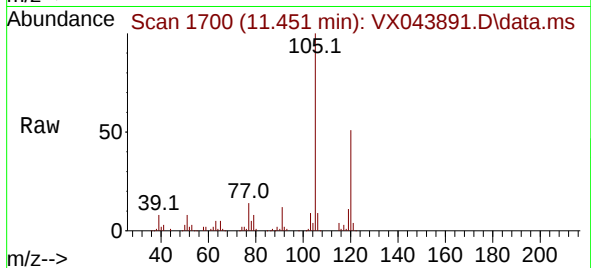
ClientSampleId :

Tgt Ion:105 Resp: 64967

Ion Ratio Lower Upper

105 100

120 48.0 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 10.146 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043891.D

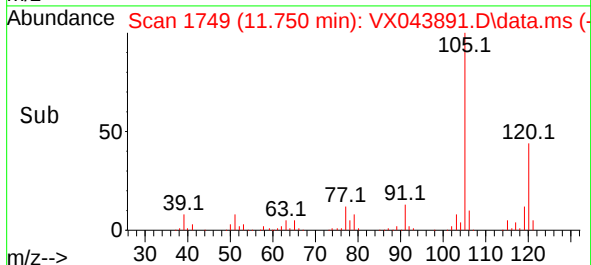
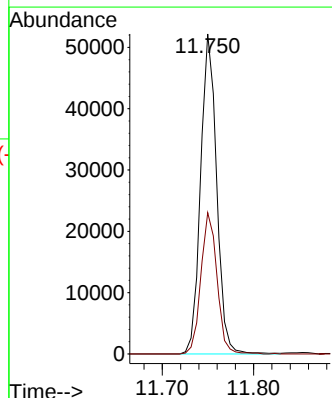
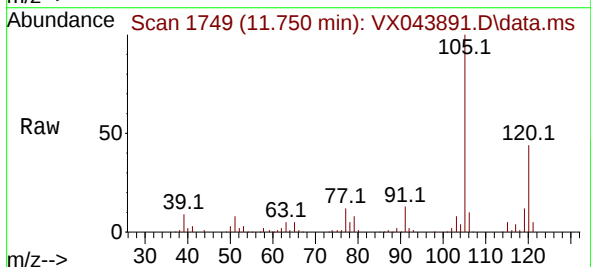
Acq: 19 Nov 2024 10:30

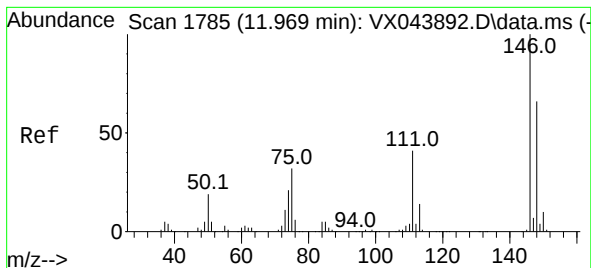
Tgt Ion:105 Resp: 63603

Ion Ratio Lower Upper

105 100

120 44.3 34.5 51.7





#64

1,3-Dichlorobenzene

Concen: 10.160 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

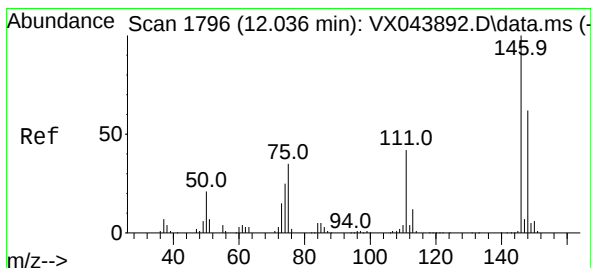
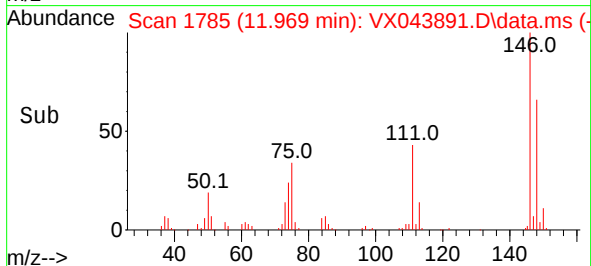
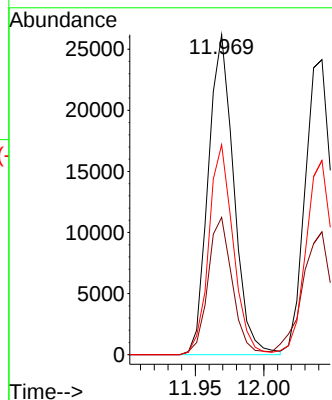
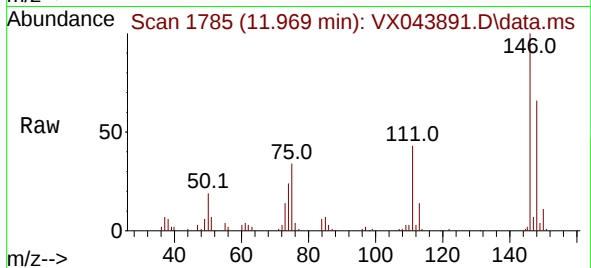
Tgt Ion:146 Resp: 33922

Ion Ratio Lower Upper

146 100

111 42.9 28.8 53.4

148 65.6 46.1 85.5



#65

1,4-Dichlorobenzene

Concen: 10.153 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

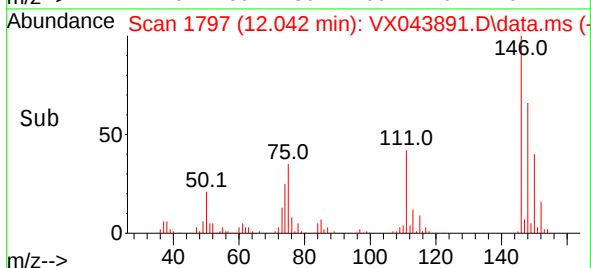
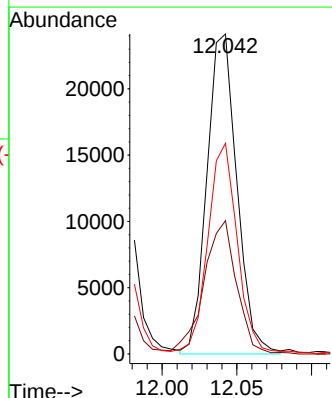
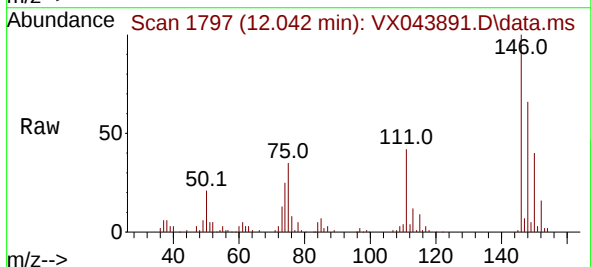
Tgt Ion:146 Resp: 33659

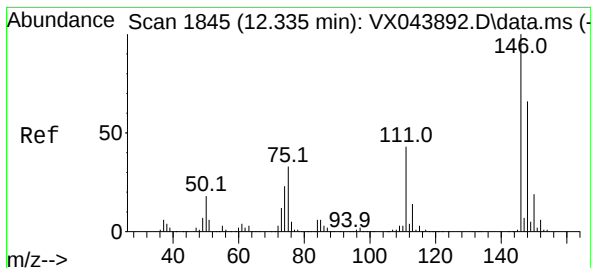
Ion Ratio Lower Upper

146 100

111 41.6 29.5 54.7

148 65.9 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 10.870 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

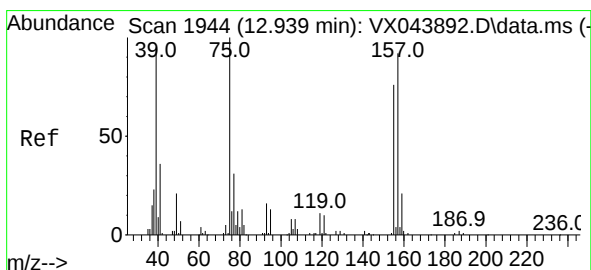
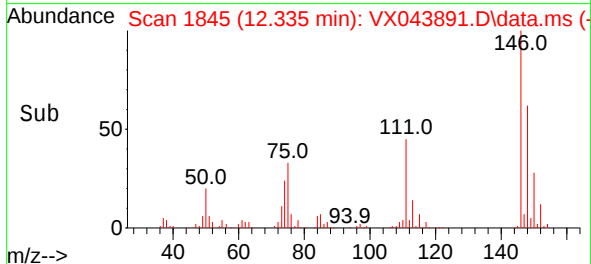
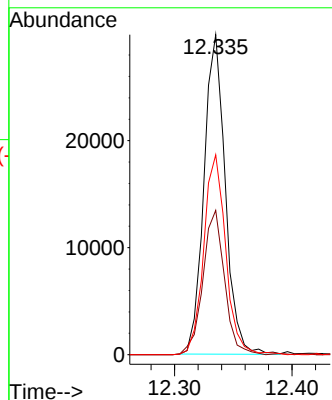
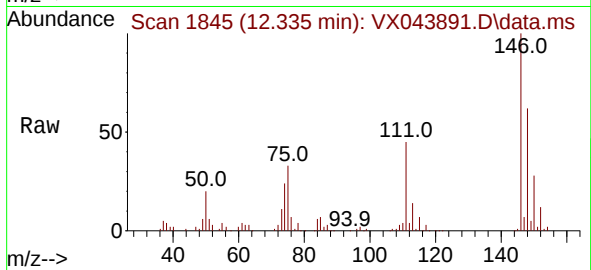
Tgt Ion:146 Resp: 37577

Ion Ratio Lower Upper

146 100

111 45.1 34.3 51.5

148 62.5 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 9.779 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

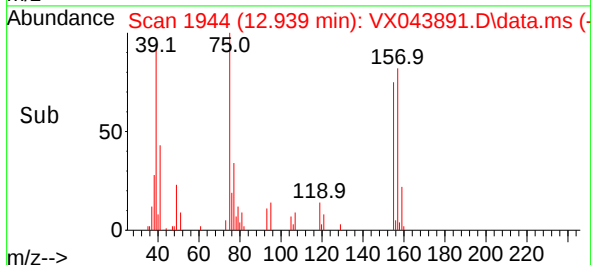
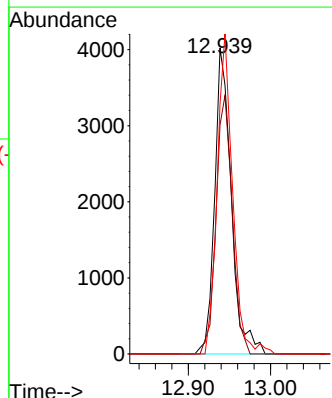
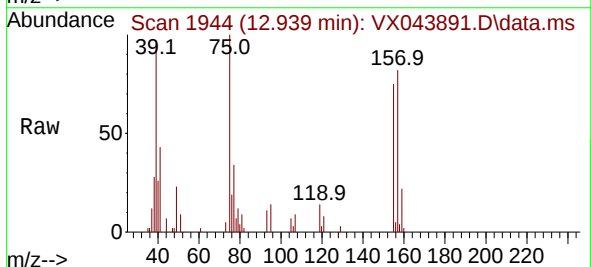
Tgt Ion: 75 Resp: 5631

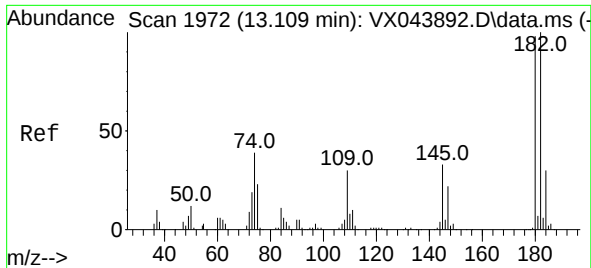
Ion Ratio Lower Upper

75 100

155 74.9 60.5 90.7

157 81.9 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 9.928 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 21388

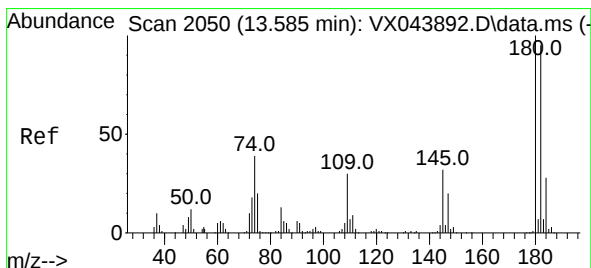
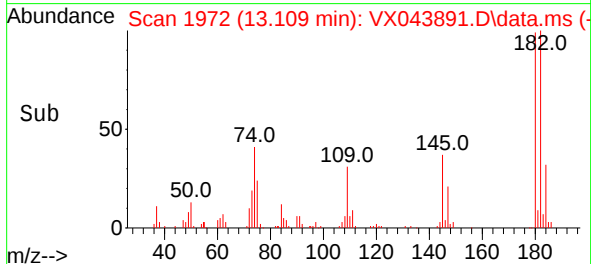
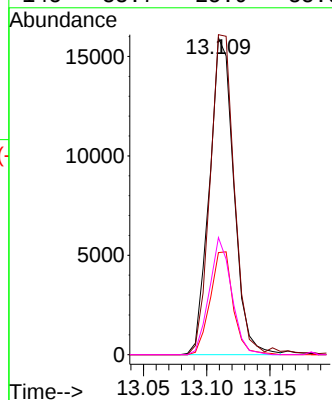
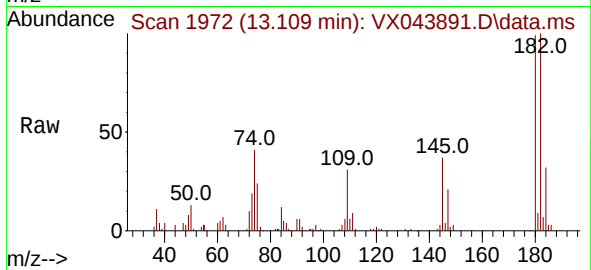
Ion Ratio Lower Upper

180 100

182 99.2 76.7 115.1

184 30.6 24.2 36.4

145 33.7 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 9.084 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

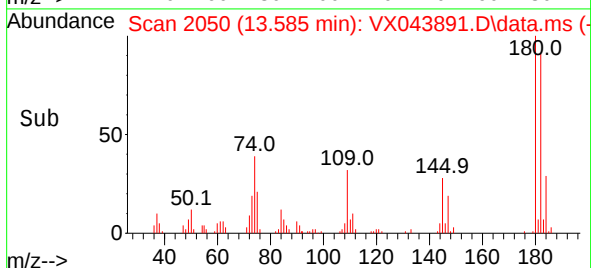
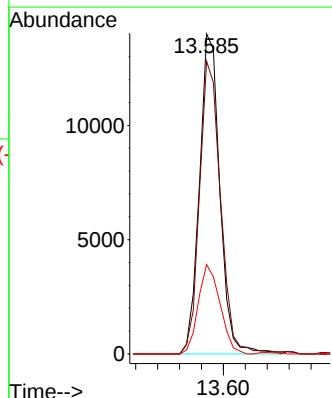
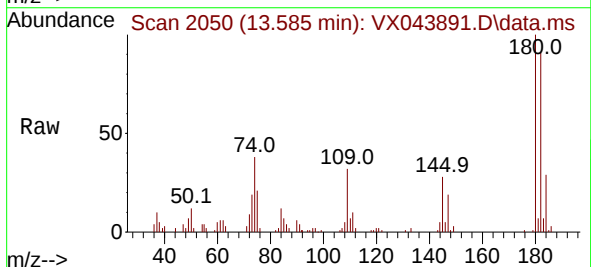
Tgt Ion:180 Resp: 18045

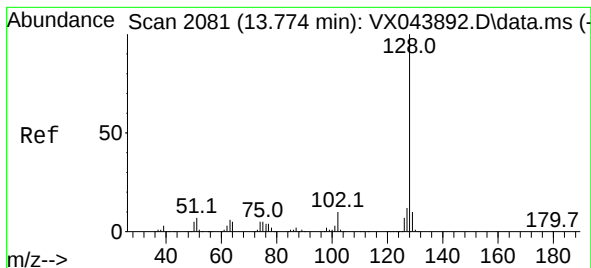
Ion Ratio Lower Upper

180 100

182 93.6 74.1 111.1

145 29.7 25.3 37.9





#71

Naphthalene

Concen: 9.137 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

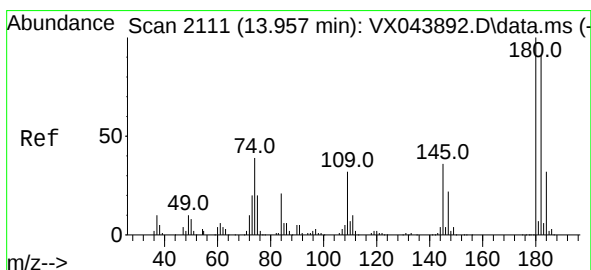
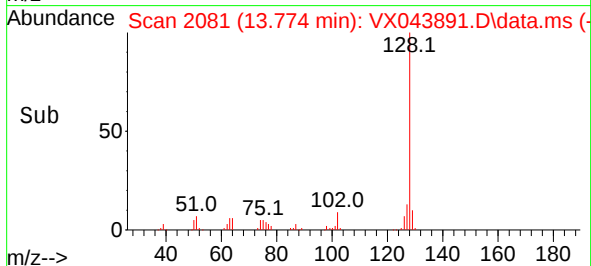
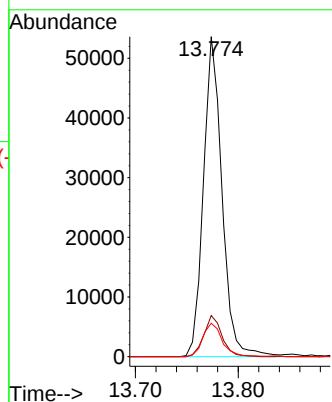
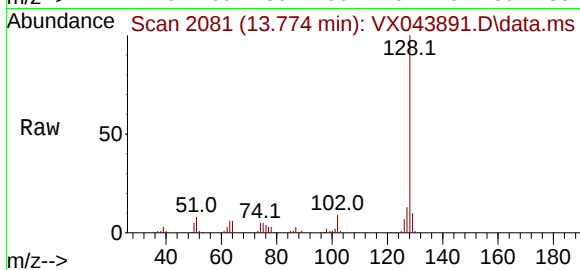
Tgt Ion:128 Resp: 67516

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 9.542 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX043891.D

Acq: 19 Nov 2024 10:30

Tgt Ion:180 Resp: 19098

Ion Ratio Lower Upper

180 100

182 94.8 73.8 110.6

145 34.3 27.4 41.2

