

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043894.D
 Acq On : 19 Nov 2024 11:39
 Operator : JC/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 23:11:15 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	258072	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	263924	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	113067	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	485408	235.757	ug/L	0.00
7) Chloroethane-d5	1.648	69	163765	186.846	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	188369	227.638	ug/L	0.00
21) 2-Butanone-d5	4.465	46	573249	463.320	ug/L	0.01
24) Chloroform-d	5.050	84	895913	234.830	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	550033	217.172	ug/L	0.00
32) Benzene-d6	5.970	84	1683166	193.388	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	472271	179.540	ug/L	0.00
41) Toluene-d8	8.647	98	1266475	165.879	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	239082	200.845	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	390577	397.691	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	677736	204.340	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	503449	209.768	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	467875	220.956	ug/L	100
3) Chloromethane	1.294	50	491286	226.910	ug/L	97
5) Vinyl chloride	1.374	62	488172	221.744	ug/L	98
6) Bromomethane	1.593	94	199807	217.922	ug/L	95
8) Chloroethane	1.666	64	121545	131.305	ug/L	99
9) Trichlorofluoromethane	1.867	101	649956	220.649	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	372642	212.233	ug/L	97
12) 1,1-Dichloroethene	2.306	96	333719	208.700	ug/L #	64
13) Acetone	2.386	43	434951	399.902	ug/L	98
14) Carbon disulfide	2.501	76	884225	260.185	ug/L	100
15) Methyl Acetate	2.703	43	438285	215.414	ug/L	99
16) Methylene chloride	2.782	84	413904	220.761	ug/L	98
17) trans-1,2-Dichloroethene	3.081	96	383403	223.897	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	1410254	222.549	ug/L	99
19) 1,1-Dichloroethane	3.599	63	752048	220.439	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	467127	224.386	ug/L	99
22) 2-Butanone	4.562	43	621641	425.809	ug/L	98
23) Bromochloromethane	4.891	128	235134	219.799	ug/L	99
25) Chloroform	5.086	83	804433	215.916	ug/L	95
27) 1,2-Dichloroethane	6.080	62	645369	219.621	ug/L	99
29) Cyclohexane	5.464	56	633699	184.593	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	692357	190.122	ug/L	99
31) Carbon tetrachloride	5.672	117	576501	195.174	ug/L	99
33) Benzene	6.031	78	1593547	180.620	ug/L	100
34) Trichloroethene	7.116	95	403397	166.605	ug/L	96
35) Methylcyclohexane	7.373	83	547298	165.327	ug/L	97
37) 1,2-Dichloropropane	7.427	63	394200	172.161	ug/L	100
38) Bromodichloromethane	7.818	83	528629	184.088	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	626190	173.549	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	1072511	342.137	ug/L	96
42) Toluene	8.714	91	1396546	157.076	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	603238	185.998	ug/L	99

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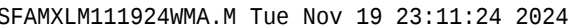
Instrument :
 MSVOA_X
 ClientSampleId :

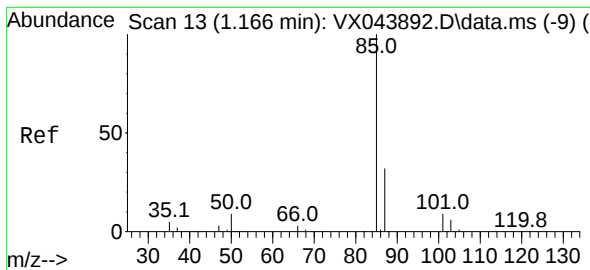
Quant Time: Nov 19 23:11:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	367503	163.213	ug/L	99
46) Tetrachloroethene	9.269	164	265461	168.259	ug/L	98
48) 2-Hexanone	9.433	43	905330	382.626	ug/L	96
49) Dibromochloromethane	9.518	129	424953	204.157	ug/L	96
50) 1,2-Dibromoethane	9.610	107	427124	180.084	ug/L	100
51) Chlorobenzene	10.079	112	1059828	192.173	ug/L	96
52) Ethylbenzene	10.189	91	1795397	191.581	ug/L	99
53) m,p-Xylene	10.299	106	684701	196.717	ug/L	99
54) o-Xylene	10.640	106	660039	188.350	ug/L	97
55) Styrene	10.652	104	1136655	195.945	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	638791	189.528	ug/L	98
59) Bromoform	10.799	173	300024	236.818	ug/L	98
60) Isopropylbenzene	10.957	105	1786328	200.476	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	497212	192.998	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1367138	194.205	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1304740	185.886	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	681627	182.332	ug/L	97
65) 1,4-Dichlorobenzene	12.036	146	686230	184.861	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	763958	197.372	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	151034	234.246	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	561544	232.793	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	529684	238.151	ug/L	98
71) Naphthalene	13.774	128	1968397	237.905	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	536337	239.326	ug/L	98

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

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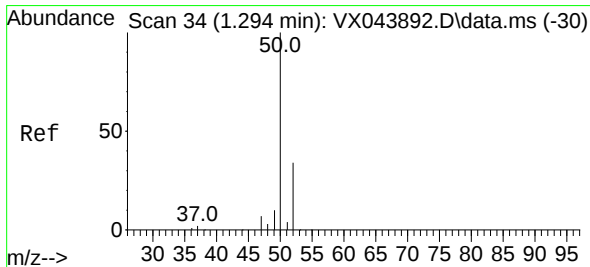
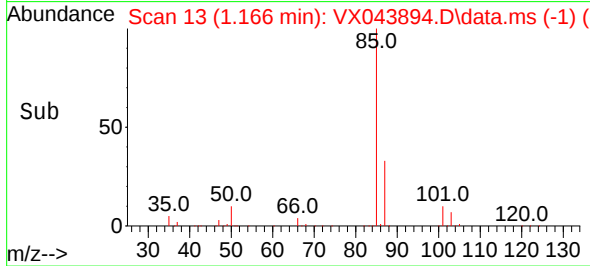
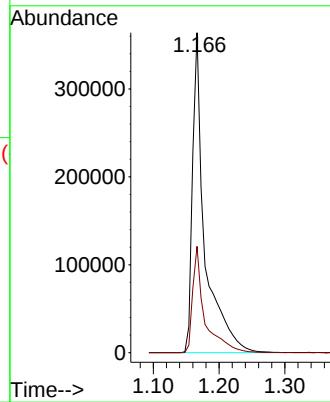
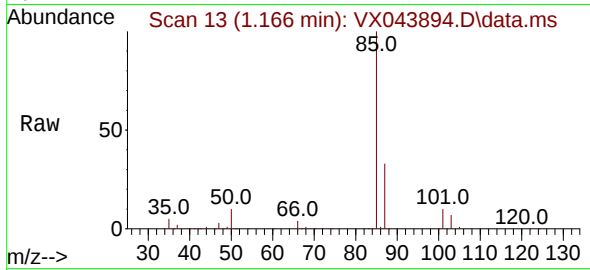




#2
Dichlorodifluoromethane
Concen: 220.956 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

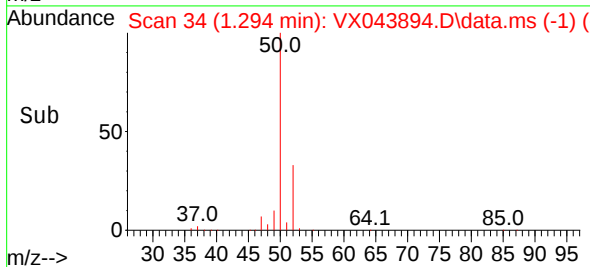
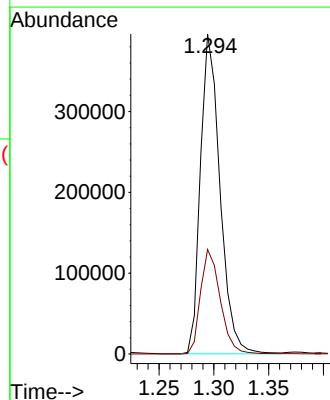
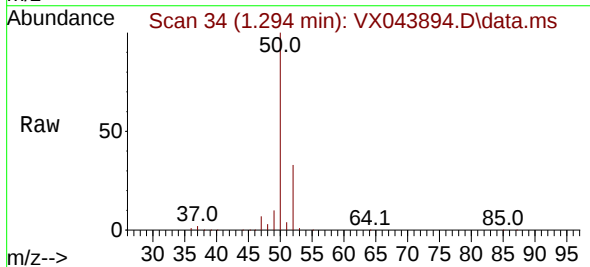
Instrument :
MSVOA_X
ClientSampleId :

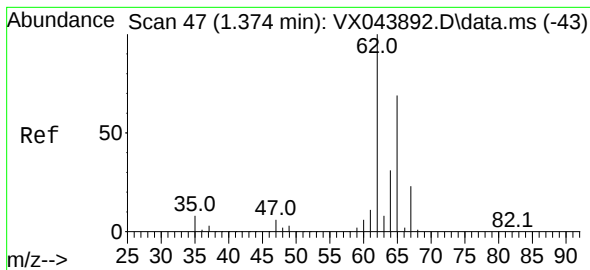
Tgt Ion: 85 Resp: 467875
Ion Ratio Lower Upper
85 100
87 32.6 26.1 39.1



#3
Chloromethane
Concen: 226.910 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Tgt Ion: 50 Resp: 491286
Ion Ratio Lower Upper
50 100
52 32.6 23.9 44.3





#5

Vinyl chloride

Concen: 221.744 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

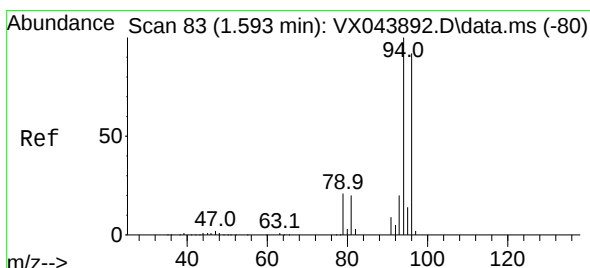
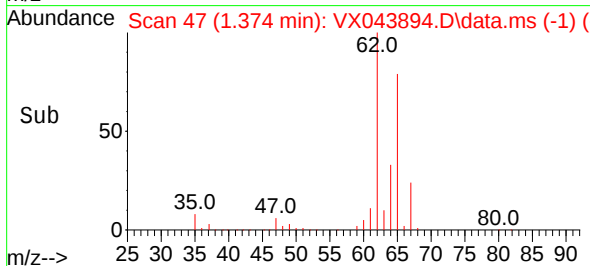
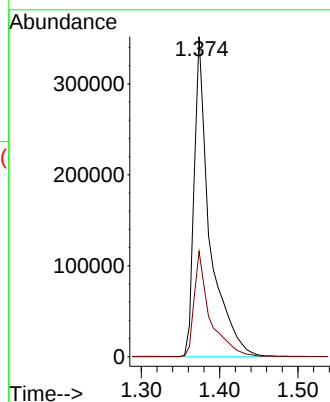
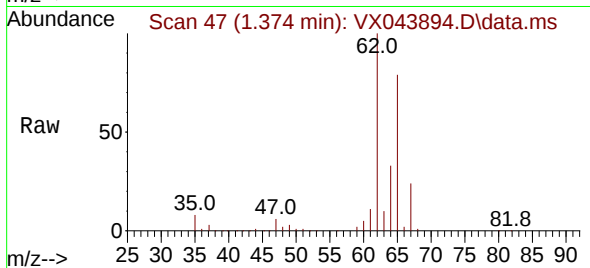
ClientSampleId :

Tgt Ion: 62 Resp: 488172

Ion Ratio Lower Upper

62 100

64 32.9 22.2 41.2



#6

Bromomethane

Concen: 217.922 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX043894.D

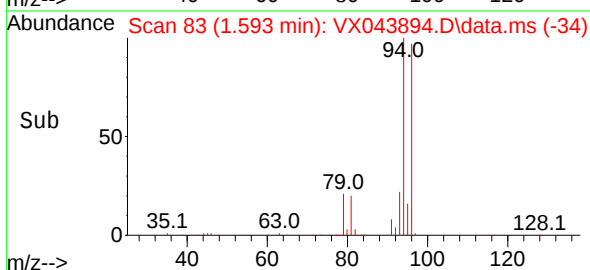
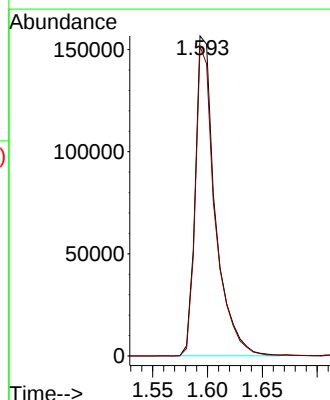
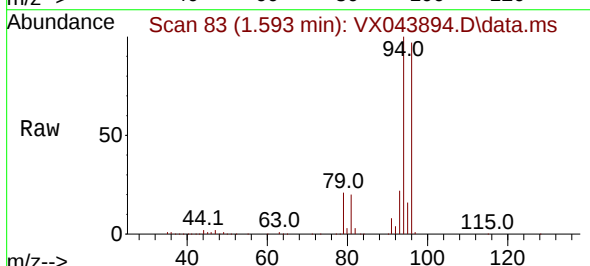
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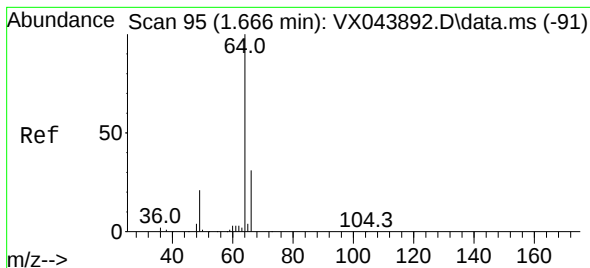
Tgt Ion: 94 Resp: 199807

Ion Ratio Lower Upper

94 100

96 96.7 64.2 119.2





#8

Chloroethane

Concen: 131.305 ug/L

RT: 1.666 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

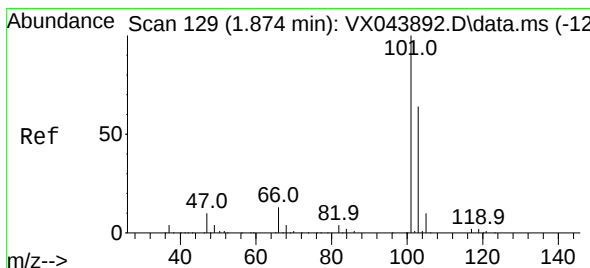
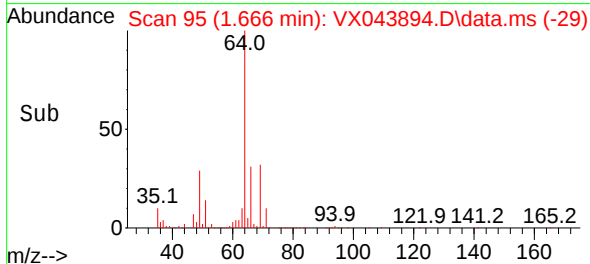
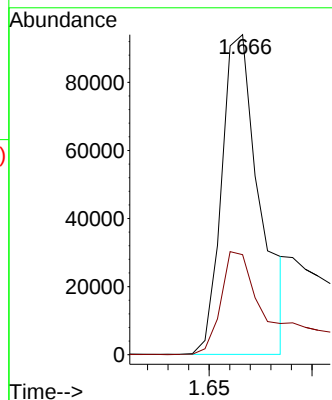
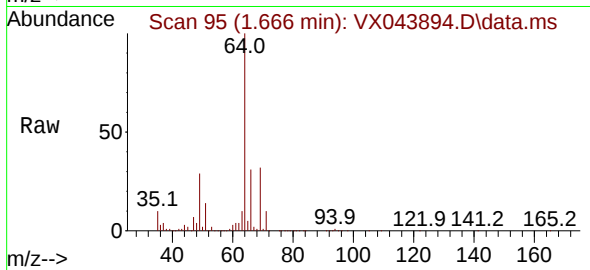
ClientSampleId :

Tgt Ion: 64 Resp: 121545

Ion Ratio Lower Upper

64 100

66 31.3 21.5 39.9



#9

Trichlorofluoromethane

Concen: 220.649 ug/L

RT: 1.867 min Scan# 128

Delta R.T. -0.006 min

Lab File: VX043894.D

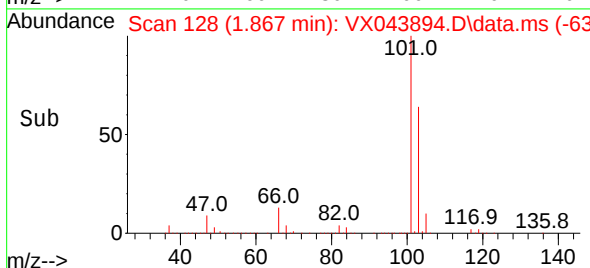
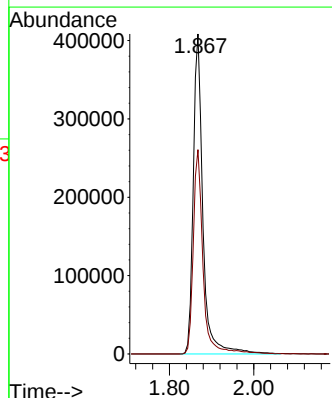
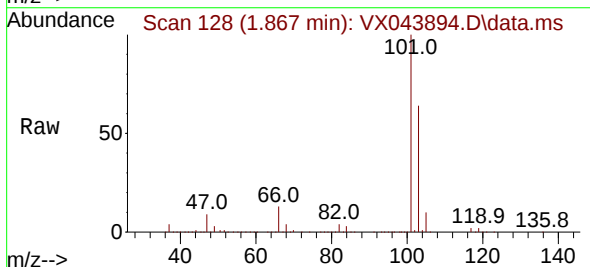
Acq: 19 Nov 2024 11:39

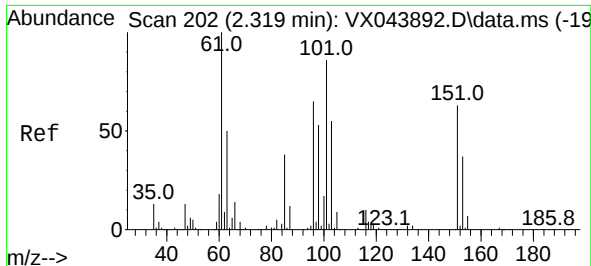
Tgt Ion:101 Resp: 649956

Ion Ratio Lower Upper

101 100

103 63.1 50.8 76.2

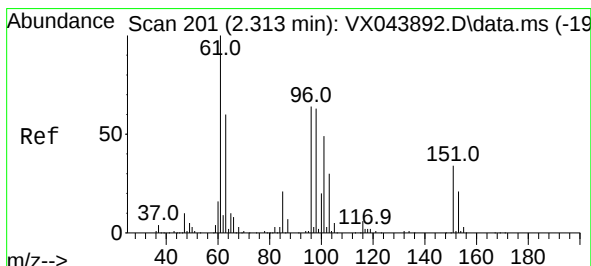
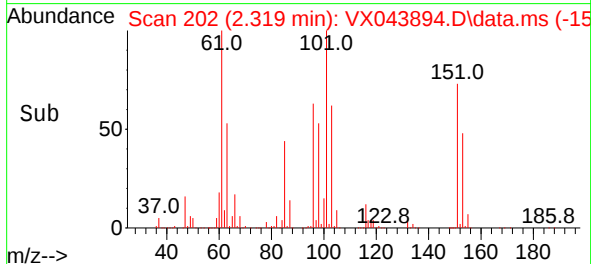
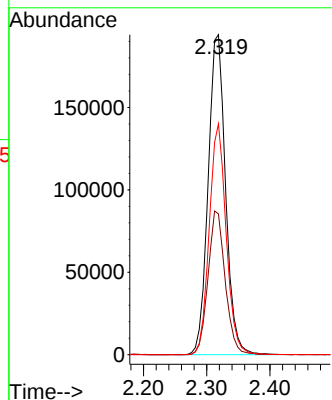
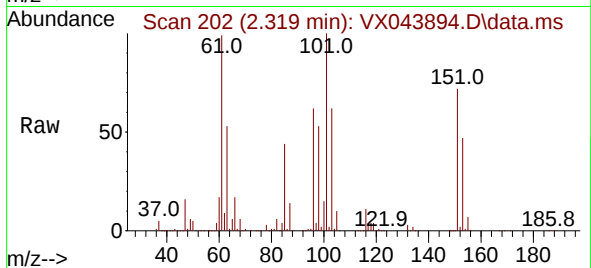




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 212.233 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

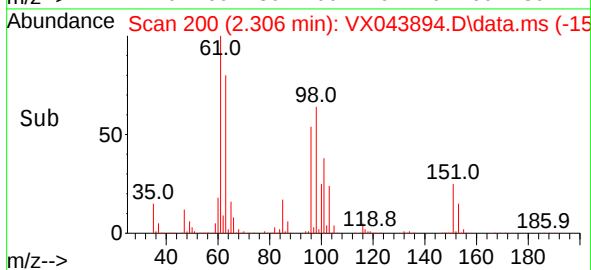
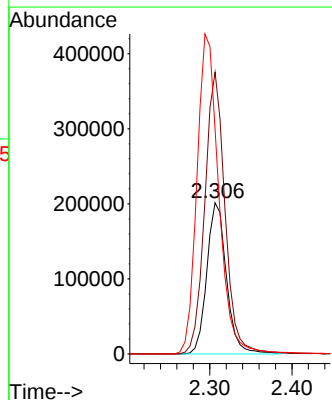
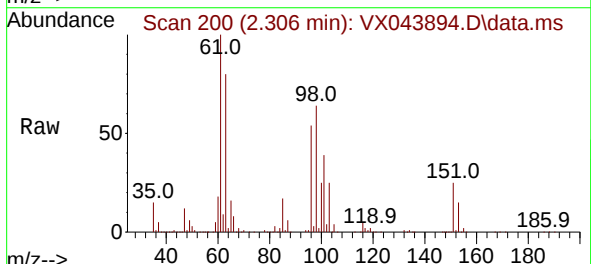
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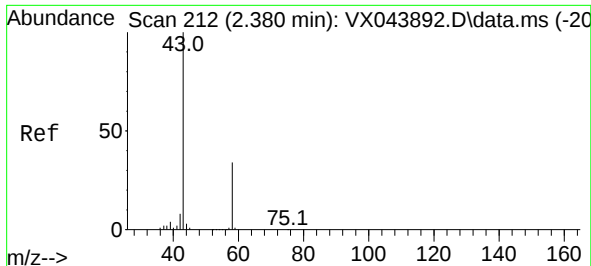
Tgt Ion:101 Resp: 372642
Ion Ratio Lower Upper
101 100
85 44.3 33.9 50.9
151 70.0 58.5 87.7



#12
1,1-Dichloroethene
Concen: 208.700 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Tgt Ion: 96 Resp: 333719
Ion Ratio Lower Upper
96 100
61 186.3 109.3 203.1
63 148.4 65.7 122.1#

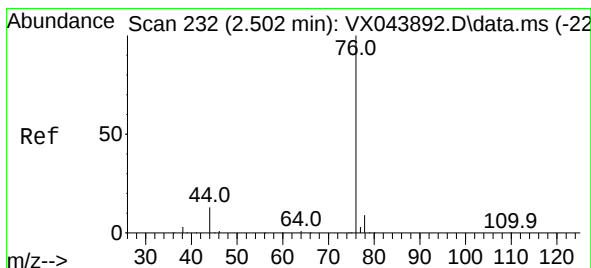
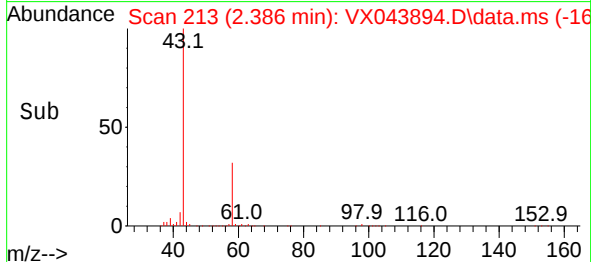
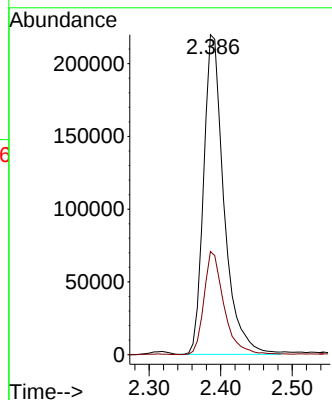
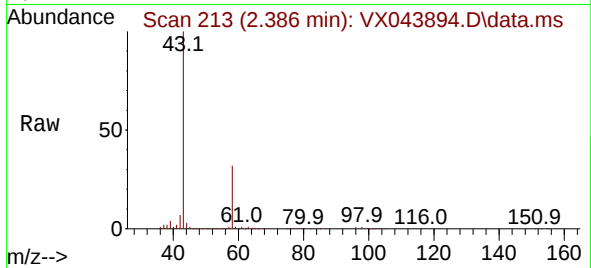




#13
Acetone
Concen: 399.902 ug/L
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

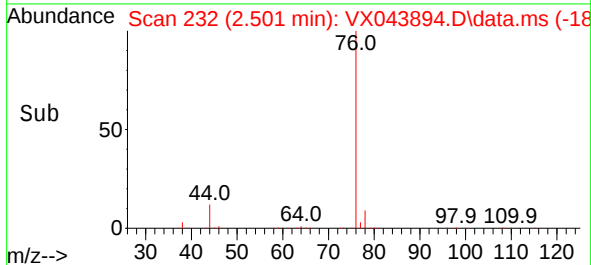
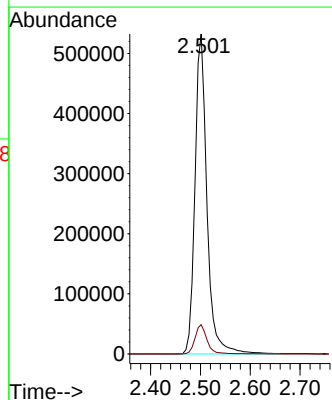
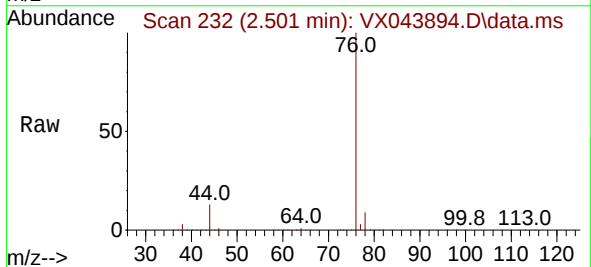
Instrument :
MSVOA_X
ClientSampleId :

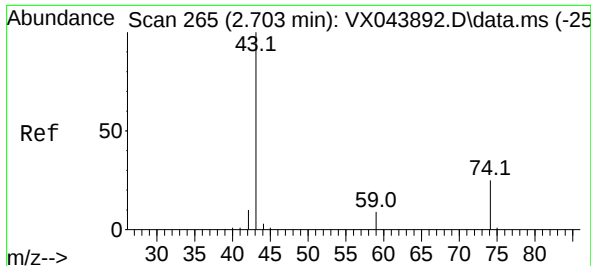
Tgt Ion: 43 Resp: 434951
Ion Ratio Lower Upper
43 100
58 31.8 0.0 66.0



#14
Carbon disulfide
Concen: 260.185 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Tgt Ion: 76 Resp: 884225
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 215.414 ug/L

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

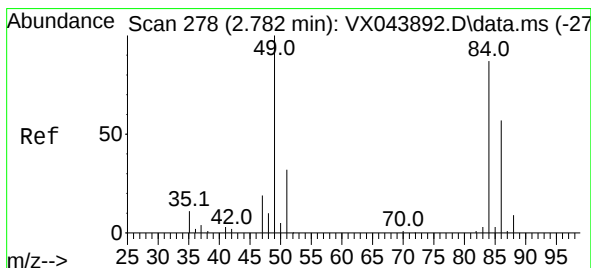
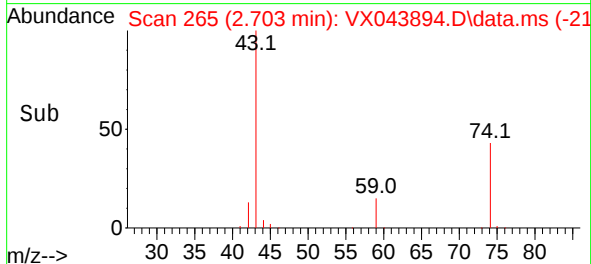
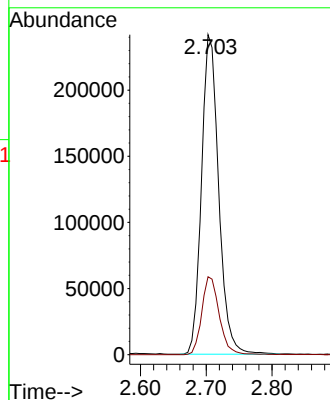
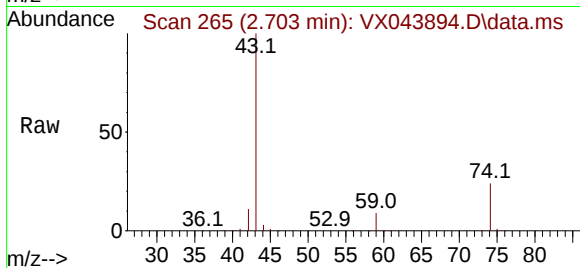
ClientSampleId :

Tgt Ion: 43 Resp: 438285

Ion Ratio Lower Upper

43 100

74 24.7 19.4 29.2



#16

Methylene chloride

Concen: 220.761 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

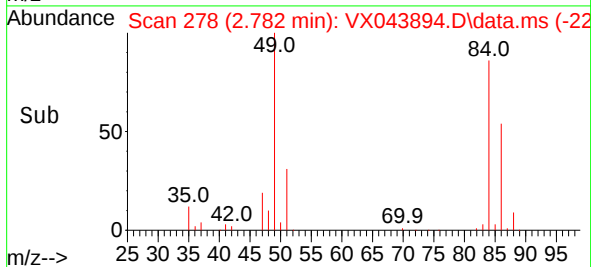
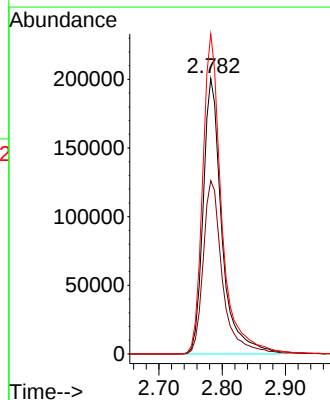
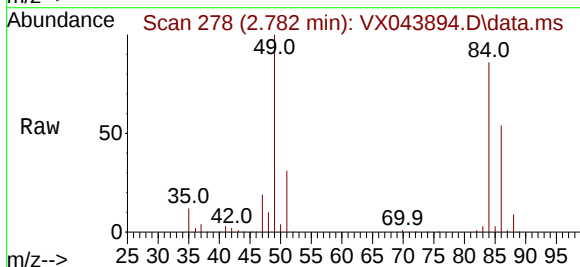
Tgt Ion: 84 Resp: 413904

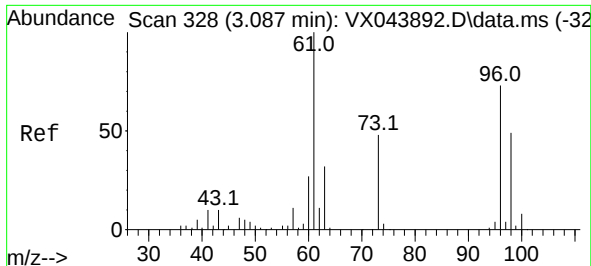
Ion Ratio Lower Upper

84 100

86 62.9 46.0 85.4

49 116.1 80.8 150.2

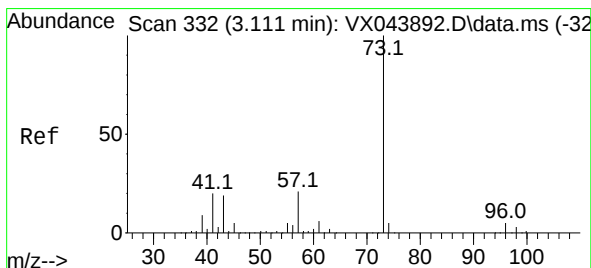
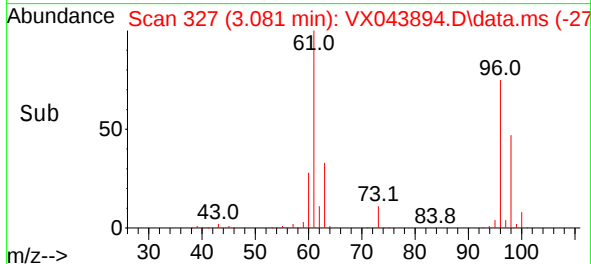
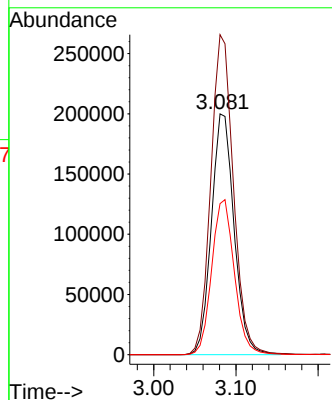
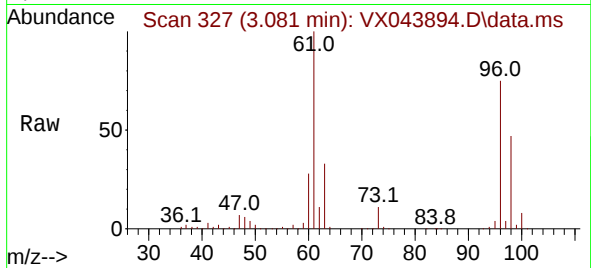




#17
trans-1,2-Dichloroethene
Concen: 223.897 ug/L
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

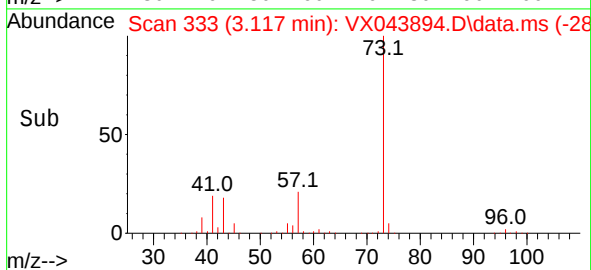
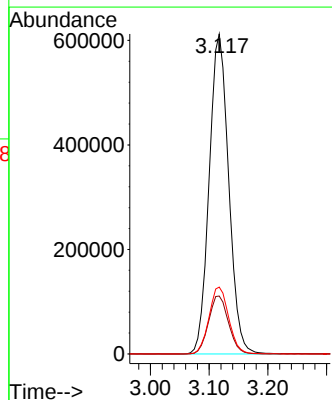
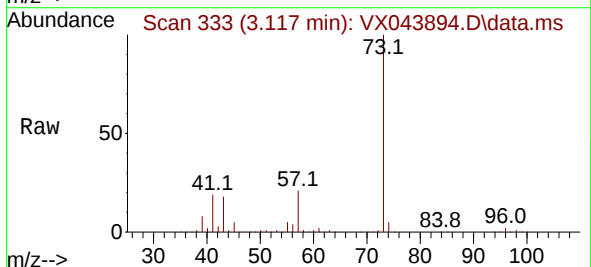
Instrument :
MSVOA_X
ClientSampleId :

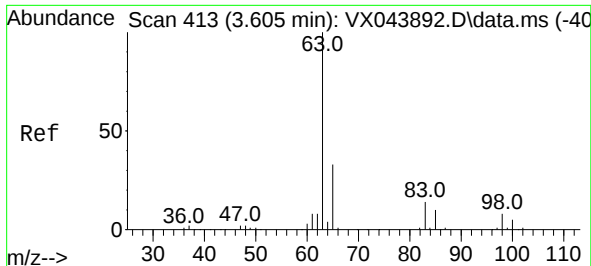
Tgt Ion: 96 Resp: 383403
Ion Ratio Lower Upper
96 100
61 132.9 95.7 177.7
98 62.7 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 222.549 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Tgt Ion: 73 Resp: 1410254
Ion Ratio Lower Upper
73 100
43 18.5 15.2 22.8
57 21.1 17.0 25.6





#19

1,1-Dichloroethane

Concen: 220.439 ug/L

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

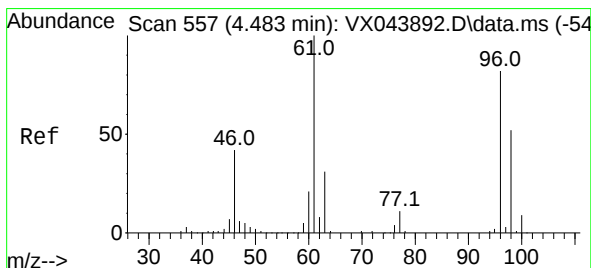
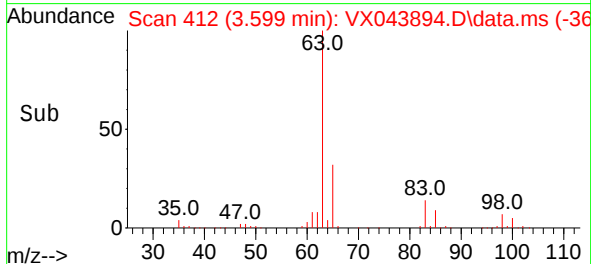
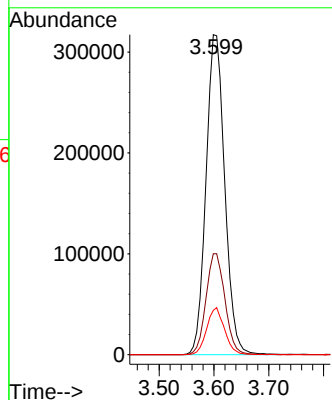
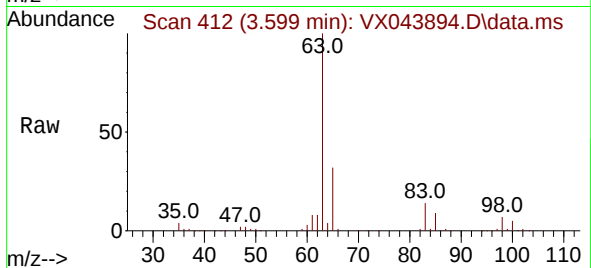
Tgt Ion: 63 Resp: 752048

Ion Ratio Lower Upper

63 100

65 31.6 23.2 43.2

83 13.9 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 224.386 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

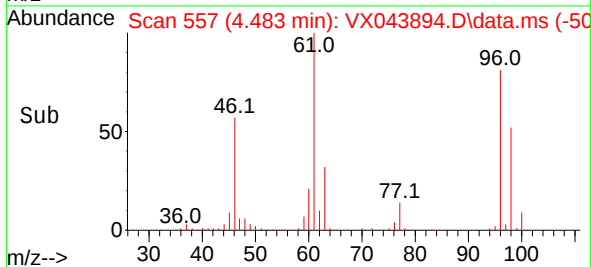
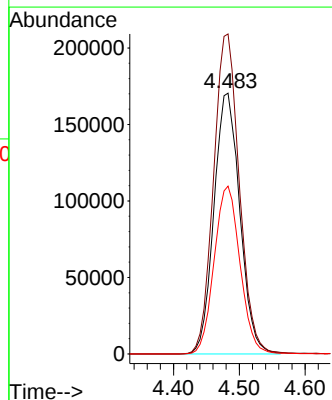
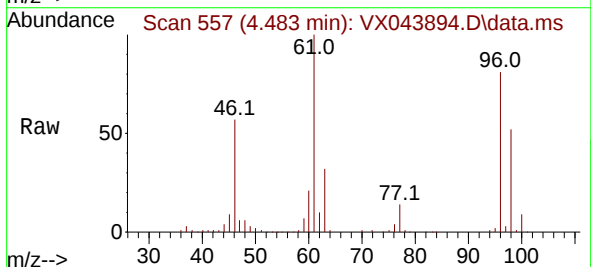
Tgt Ion: 96 Resp: 467127

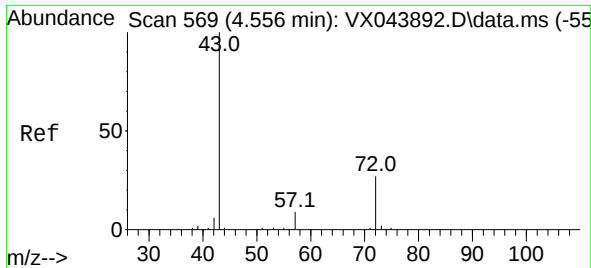
Ion Ratio Lower Upper

96 100

61 122.7 85.0 158.0

98 64.4 44.6 82.8

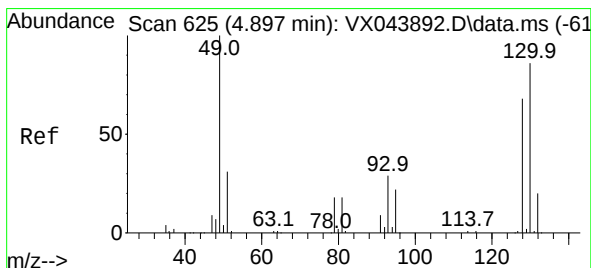
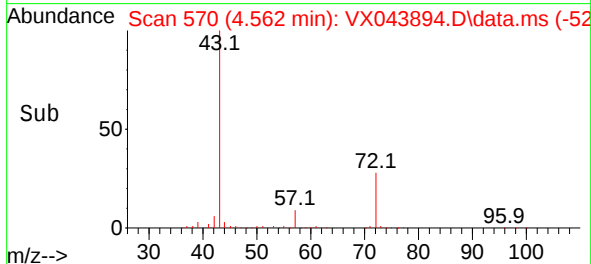
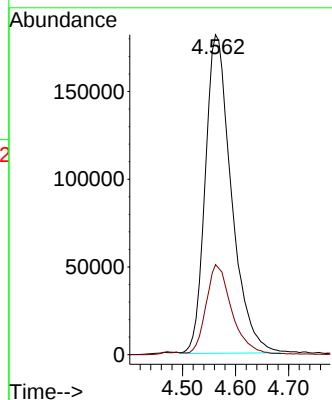
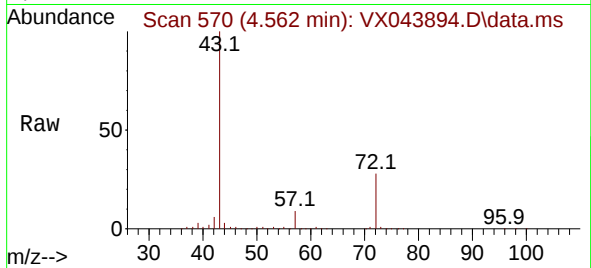




#22
2-Butanone
Concen: 425.809 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

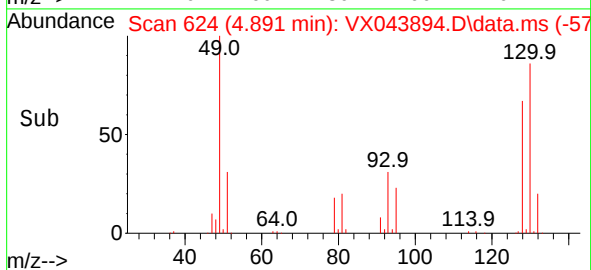
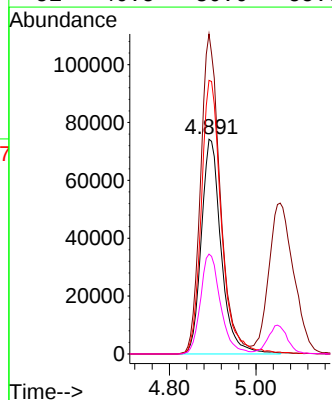
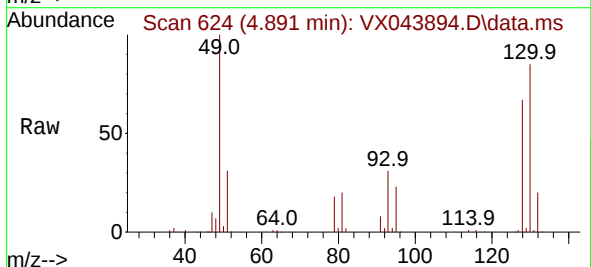
Instrument :
MSVOA_X
ClientSampleId :

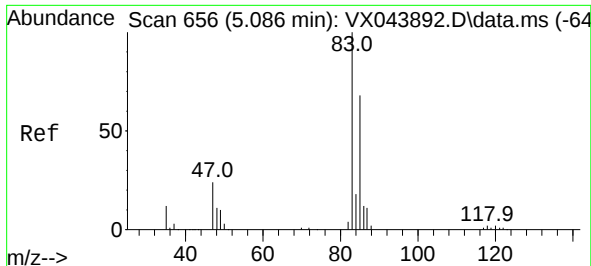
Tgt Ion: 43 Resp: 621641
Ion Ratio Lower Upper
43 100
72 27.2 13.1 39.3



#23
Bromochloromethane
Concen: 219.799 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Tgt Ion: 128 Resp: 235134
Ion Ratio Lower Upper
128 100
49 149.1 103.7 192.5
130 127.4 89.1 165.5
51 46.5 36.6 55.0





#25

Chloroform

Concen: 215.916 ug/L

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min MSVOA_X

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

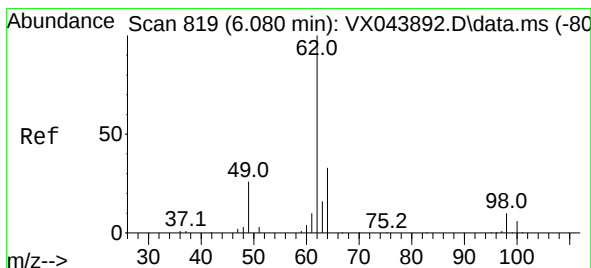
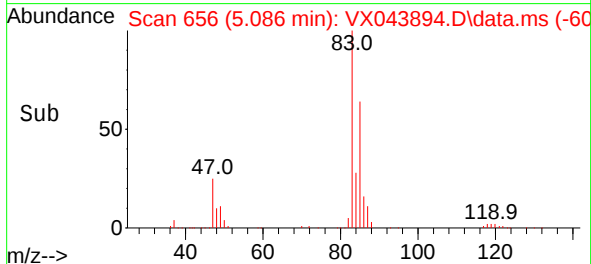
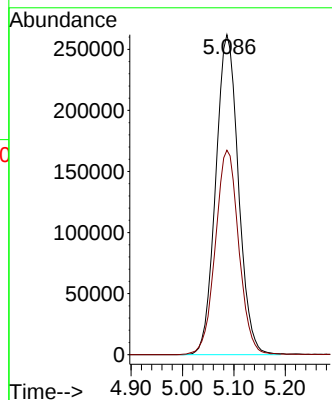
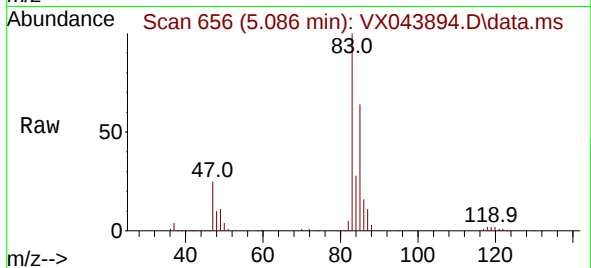
ClientSampleId :

Tgt Ion: 83 Resp: 804433

Ion Ratio Lower Upper

83 100

85 63.9 47.7 88.7



#27

1,2-Dichloroethane

Concen: 219.621 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX043894.D

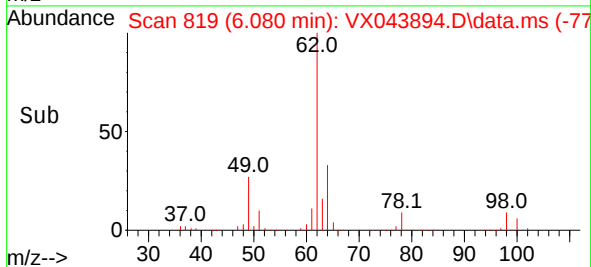
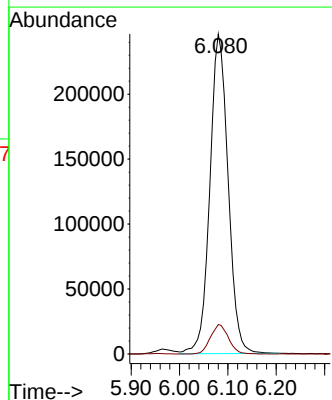
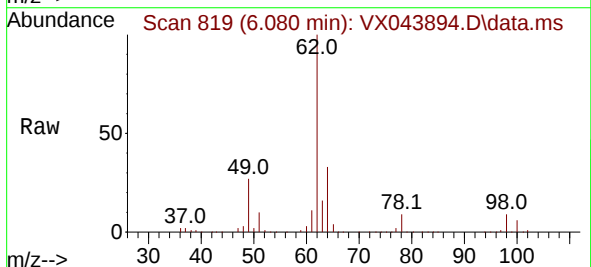
Acq: 19 Nov 2024 11:39

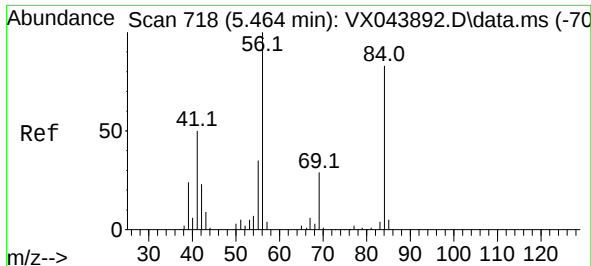
Tgt Ion: 62 Resp: 645369

Ion Ratio Lower Upper

62 100

98 9.2 7.7 11.5





#29

Cyclohexane

Concen: 184.593 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min MSVOA_X

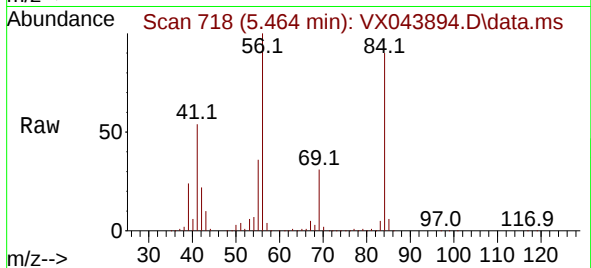
Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :



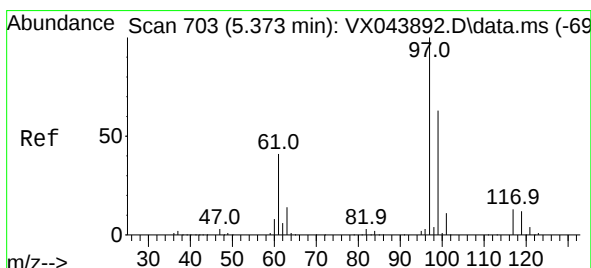
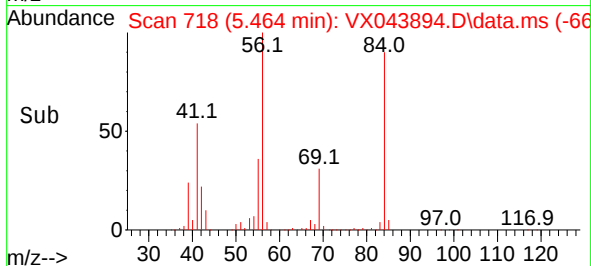
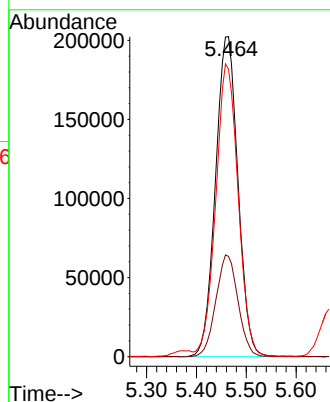
Tgt Ion: 56 Resp: 633699

Ion Ratio Lower Upper

56 100

69 31.3 25.1 37.7

84 90.8 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 190.122 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

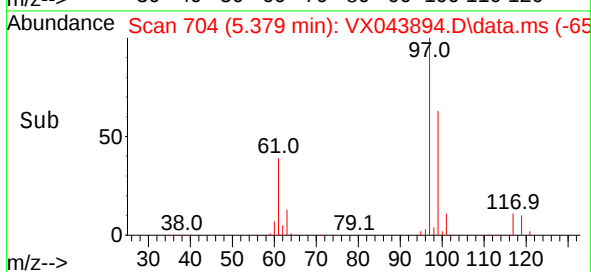
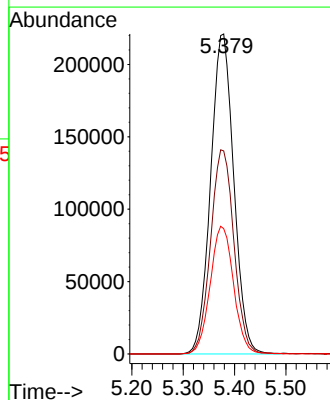
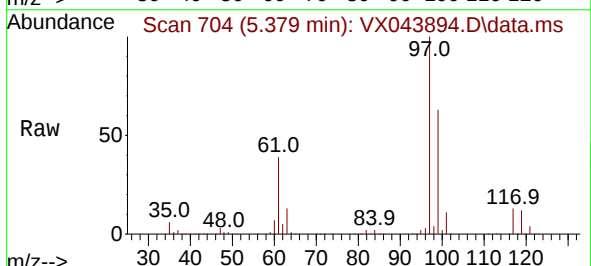
Tgt Ion: 97 Resp: 692357

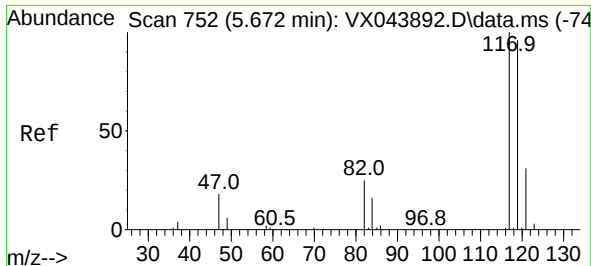
Ion Ratio Lower Upper

97 100

99 64.4 52.2 78.2

61 40.3 32.8 49.2

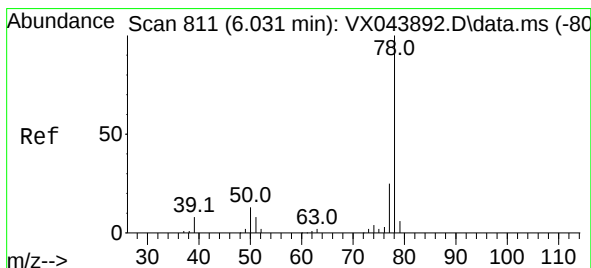
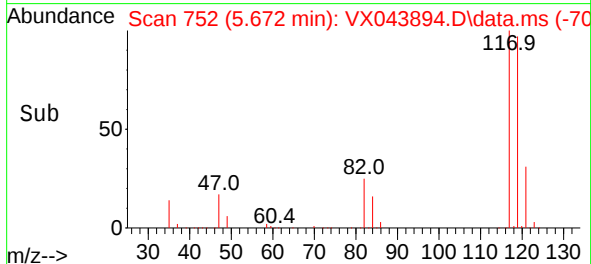
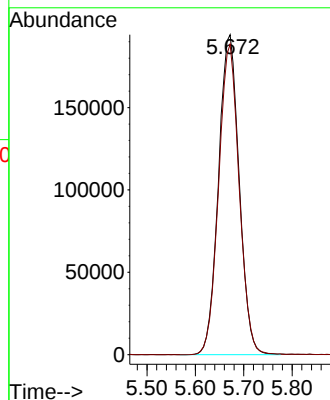
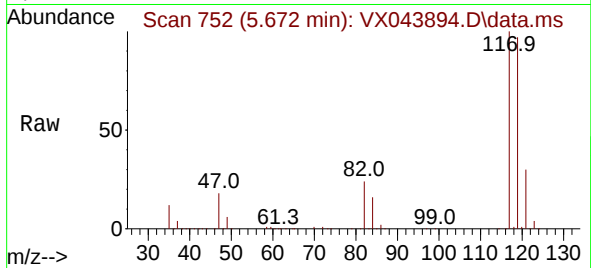




#31
Carbon tetrachloride
Concen: 195.174 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

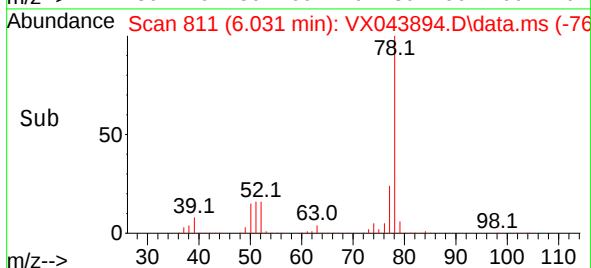
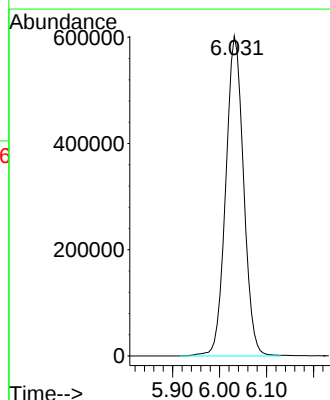
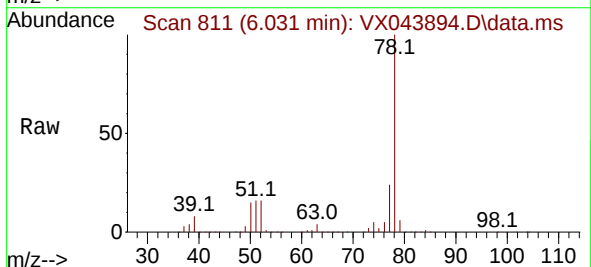
Instrument :
MSVOA_X
ClientSampleId :

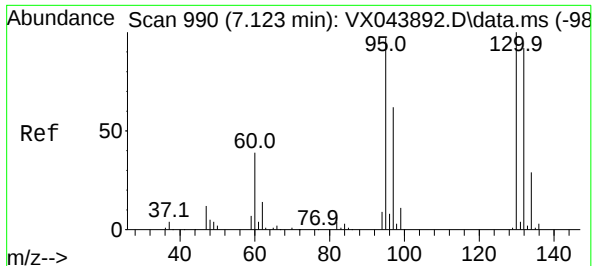
Tgt Ion:117 Resp: 576501
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5



#33
Benzene
Concen: 180.620 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

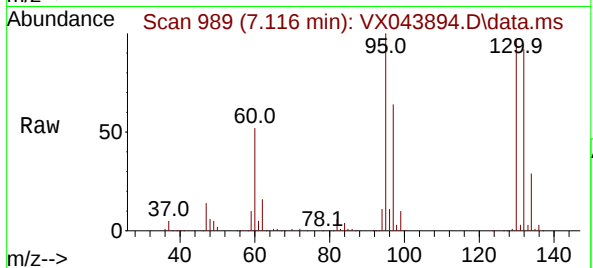
Tgt Ion: 78 Resp: 1593547



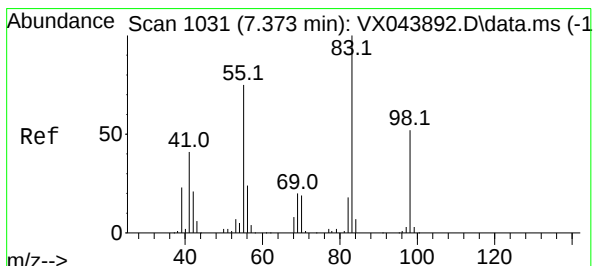
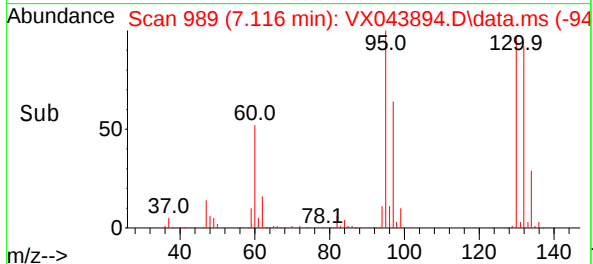
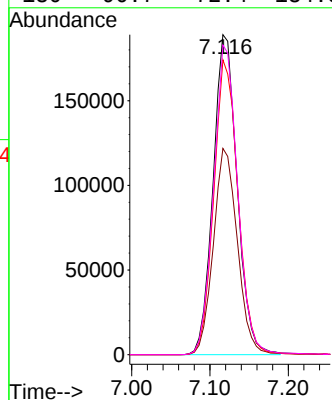


#34
Trichloroethene
Concen: 166.605 ug/L
RT: 7.116 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Instrument :
MSVOA_X
ClientSampleId :

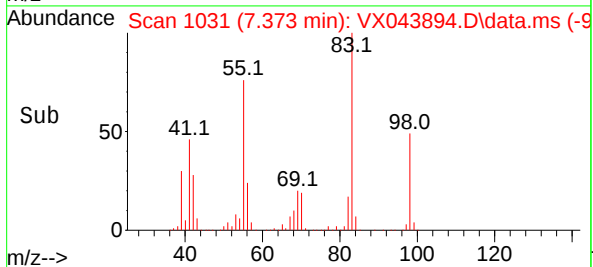
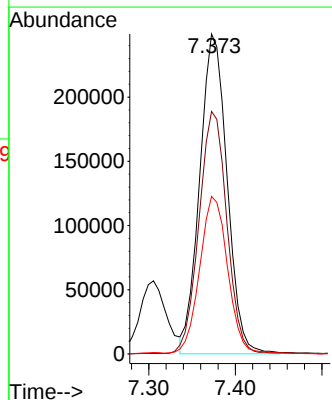
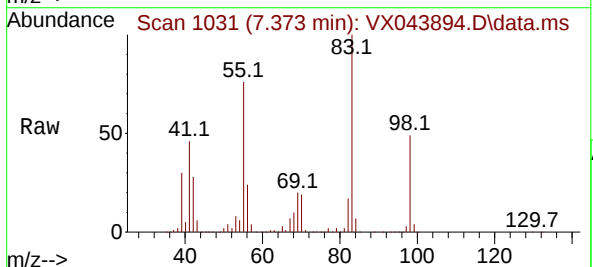


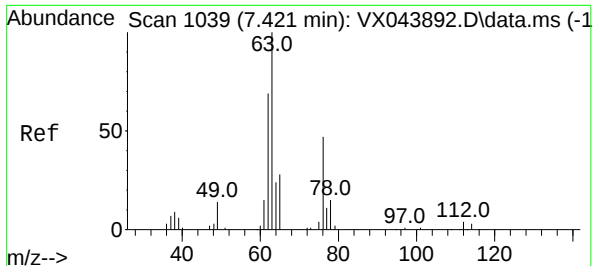
Tgt Ion: 95 Resp: 403397
Ion Ratio Lower Upper
95 100
97 64.5 45.0 83.6
132 92.1 66.6 123.8
130 96.7 72.4 134.5



#35
Methylcyclohexane
Concen: 165.327 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Tgt Ion: 83 Resp: 547298
Ion Ratio Lower Upper
83 100
55 77.0 58.5 87.7
98 50.7 40.5 60.7

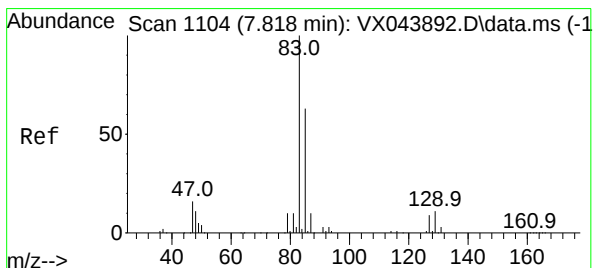
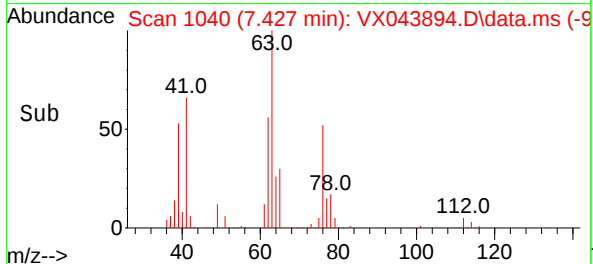
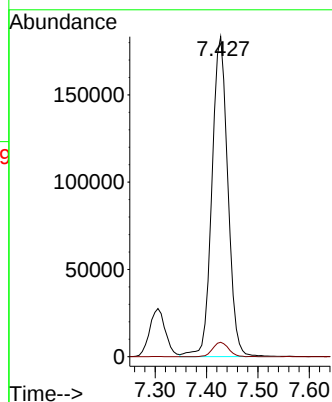
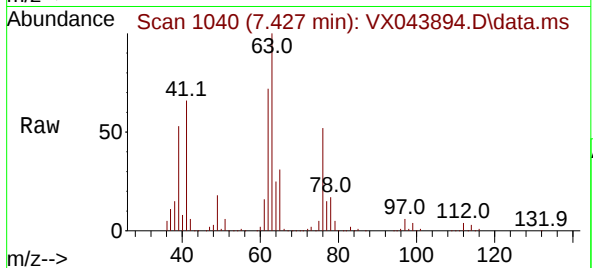




#37
1,2-Dichloropropane
Concen: 172.161 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

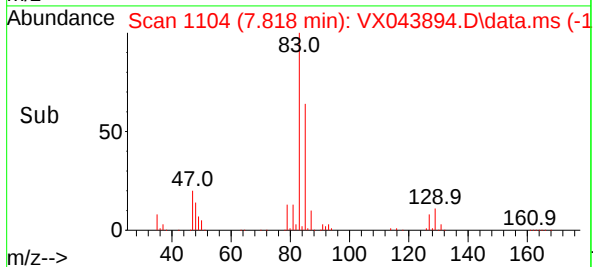
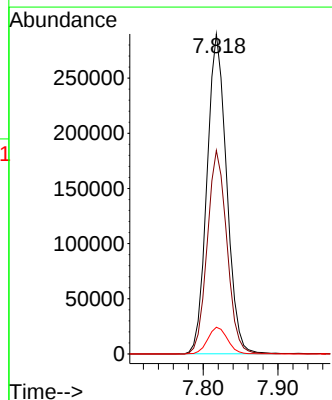
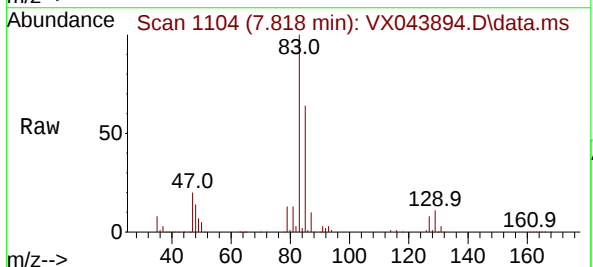
Instrument :
MSVOA_X
ClientSampleId :

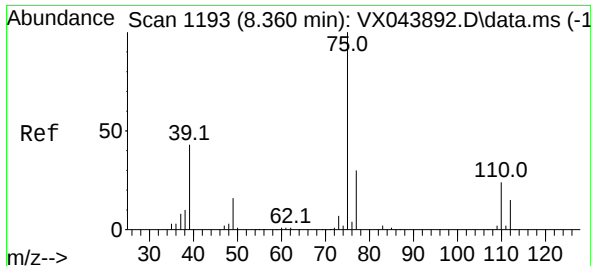
Tgt Ion: 63 Resp: 394200
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 184.088 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Tgt Ion: 83 Resp: 528629
Ion Ratio Lower Upper
83 100
85 63.6 44.1 81.9
127 8.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 173.549 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

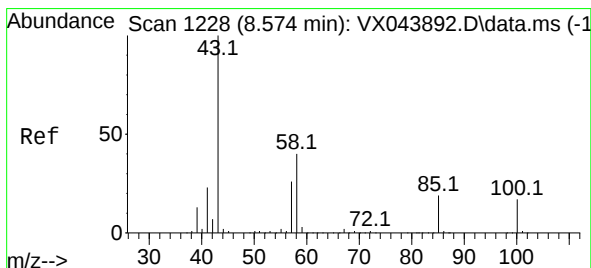
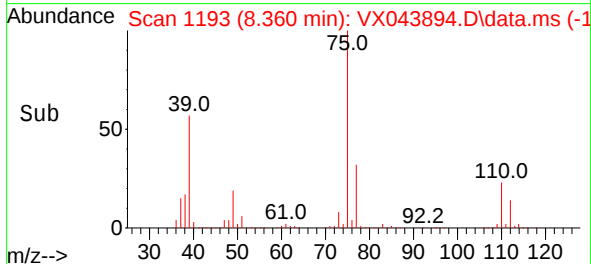
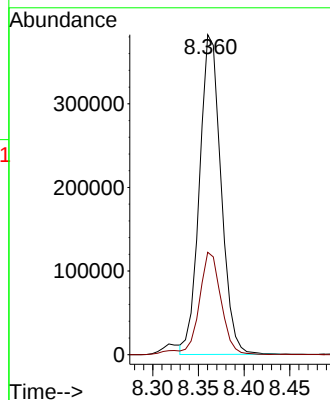
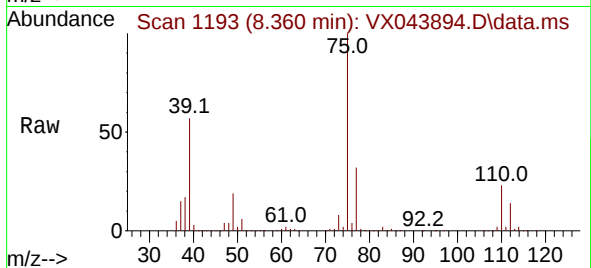
ClientSampleId :

Tgt Ion: 75 Resp: 626190

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 342.137 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

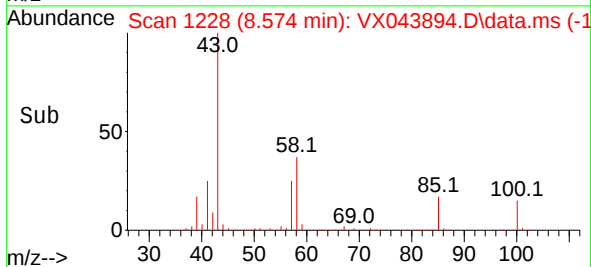
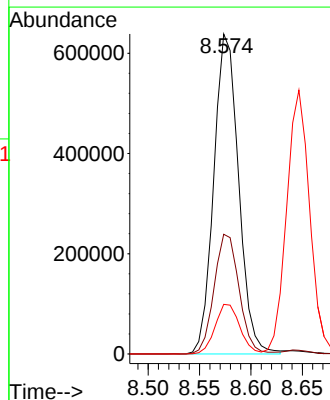
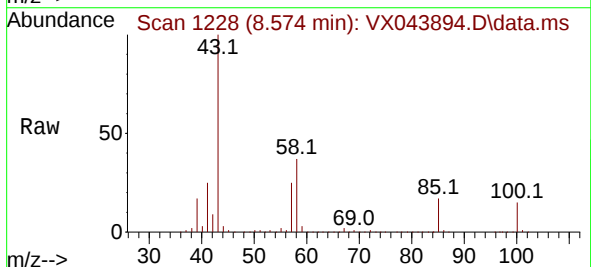
Tgt Ion: 43 Resp: 1072511

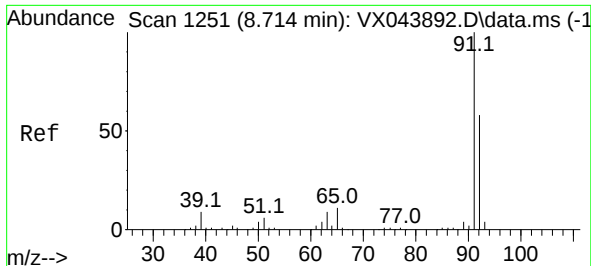
Ion Ratio Lower Upper

43 100

58 37.6 32.4 48.6

100 15.5 13.7 20.5





#42

Toluene

Concen: 157.076 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

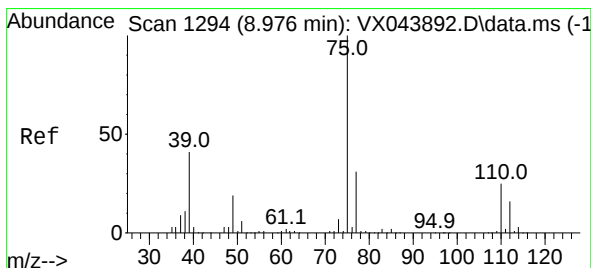
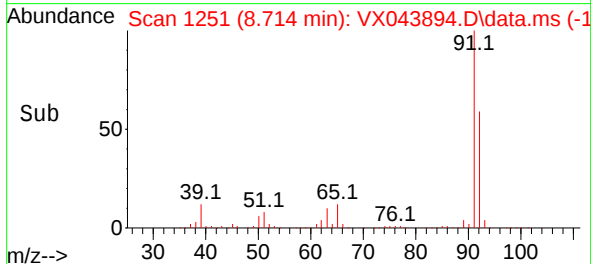
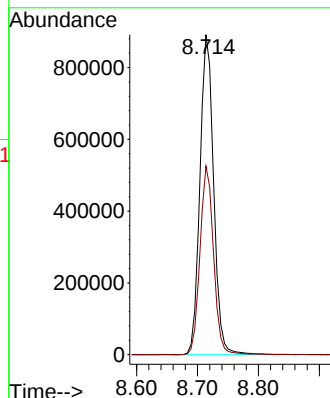
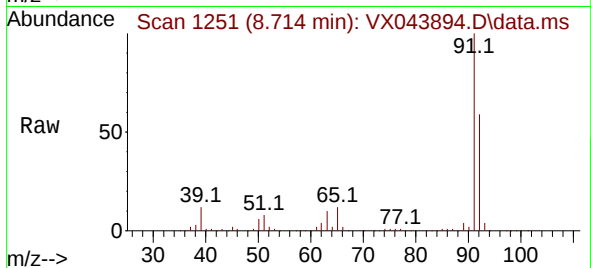
ClientSampleId :

Tgt Ion: 91 Resp: 1396546

Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 185.998 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043894.D

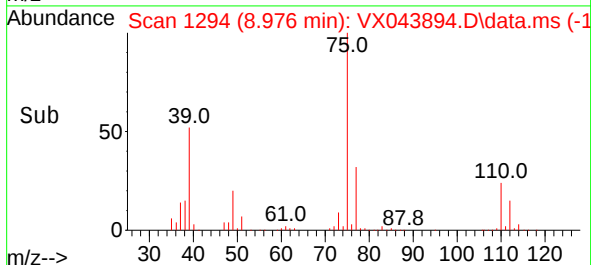
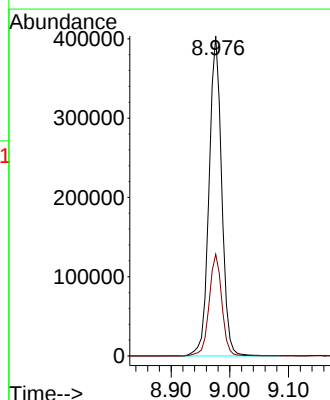
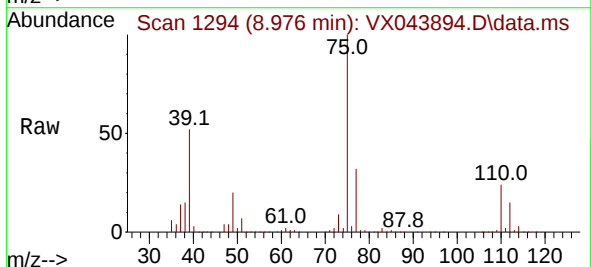
Acq: 19 Nov 2024 11:39

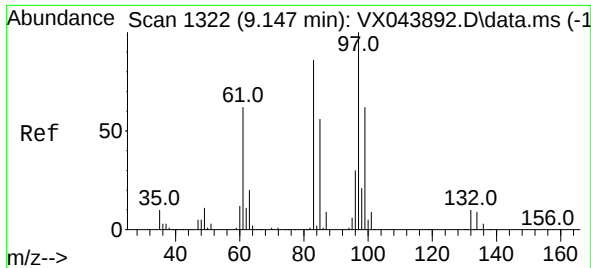
Tgt Ion: 75 Resp: 603238

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



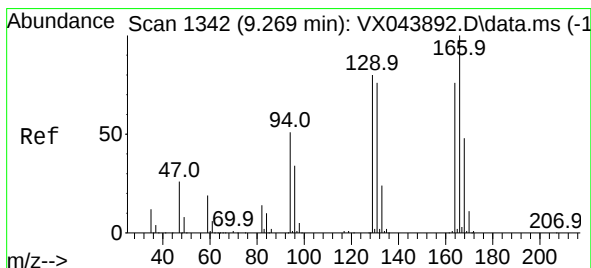
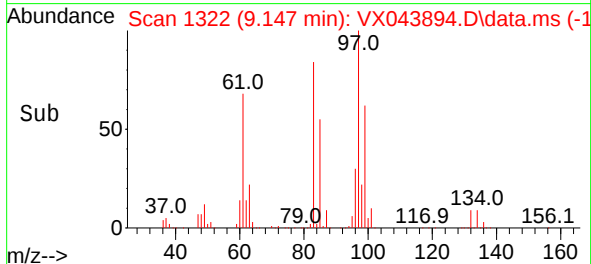
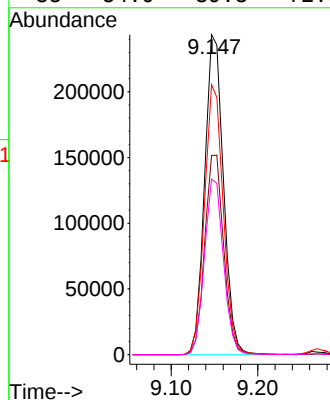
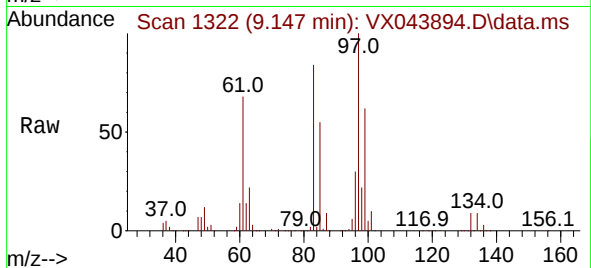


#45
1,1,2-Trichloroethane
Concen: 163.213 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 367503

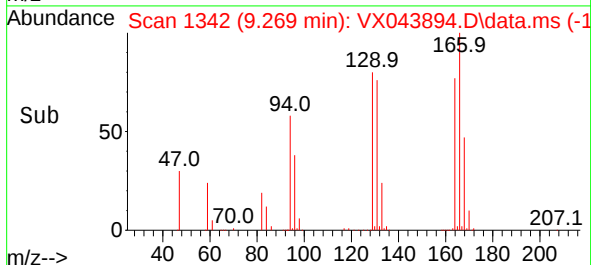
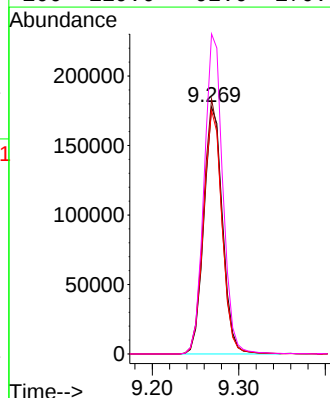
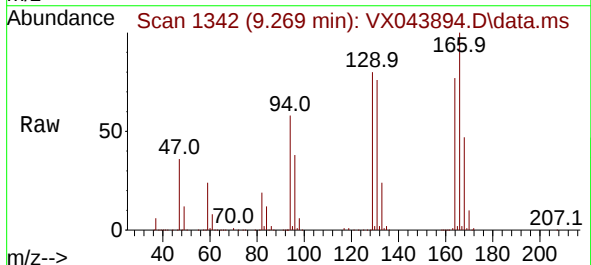
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.4	80.6
83	84.4	60.2	111.8
85	54.9	39.3	72.9

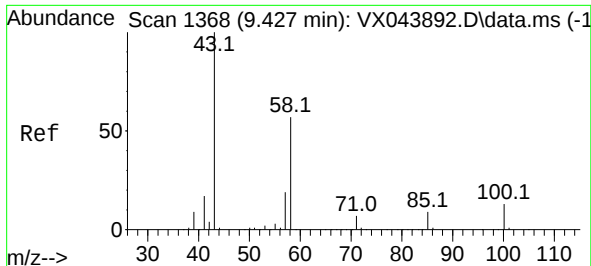


#46
Tetrachloroethene
Concen: 168.259 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Tgt Ion: 164 Resp: 265461

Ion	Ratio	Lower	Upper
164	100		
129	103.2	73.6	136.6
131	98.7	70.2	130.4
166	129.6	92.0	170.8





#48

2-Hexanone

Concen: 382.626 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 905330

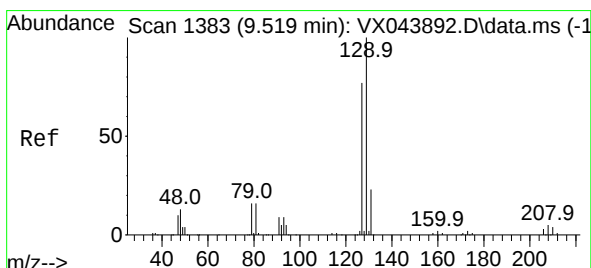
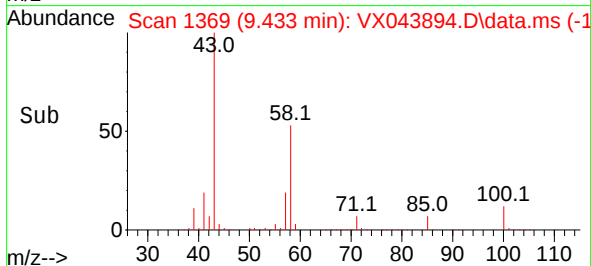
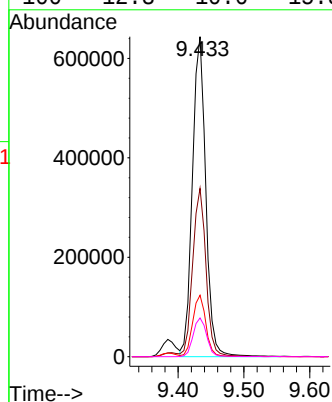
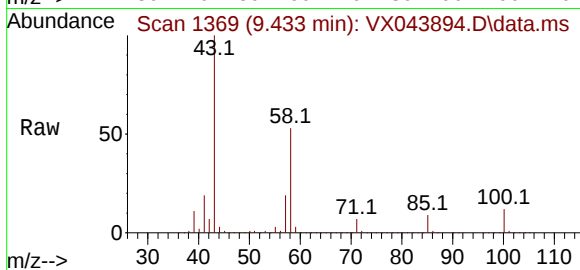
Ion Ratio Lower Upper

43 100

58 52.3 45.4 68.2

57 18.7 15.4 23.0

100 12.3 10.6 15.8



#49

Dibromochloromethane

Concen: 204.157 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX043894.D

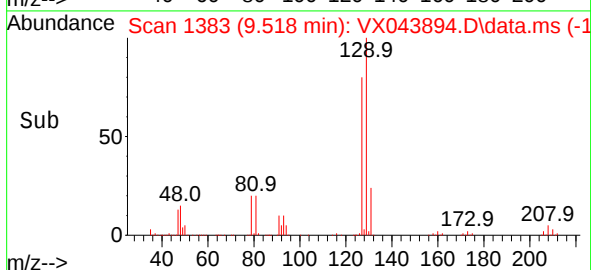
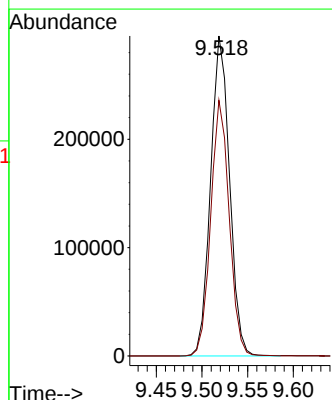
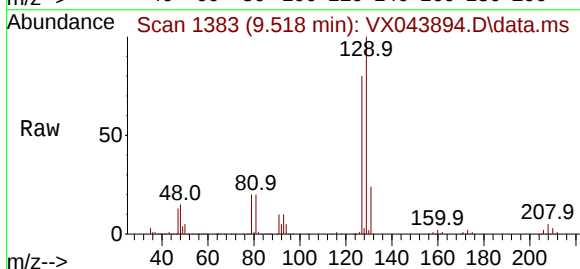
Acq: 19 Nov 2024 11:39

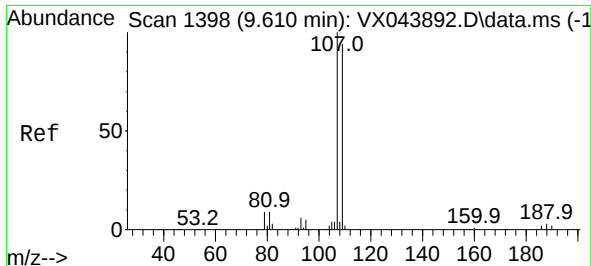
Tgt Ion:129 Resp: 424953

Ion Ratio Lower Upper

129 100

127 79.9 53.5 99.5

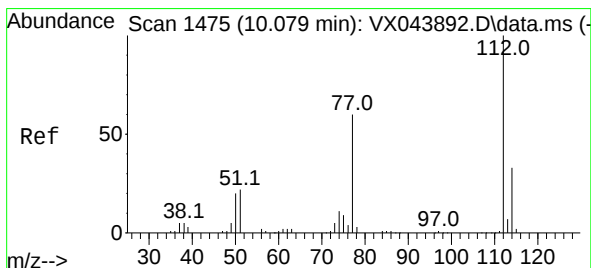
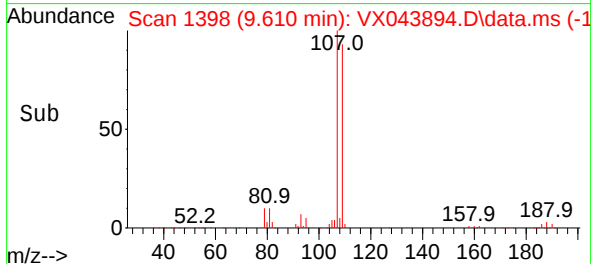
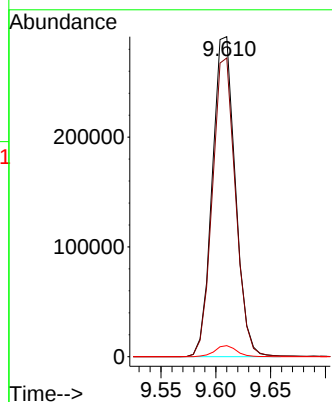
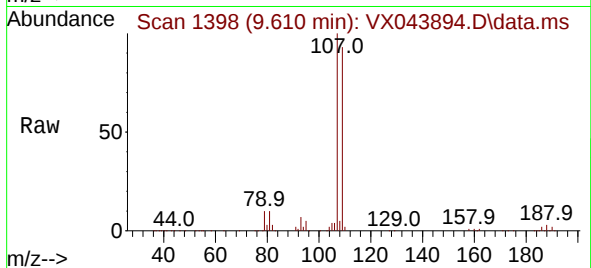




#50
1,2-Dibromoethane
Concen: 180.084 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

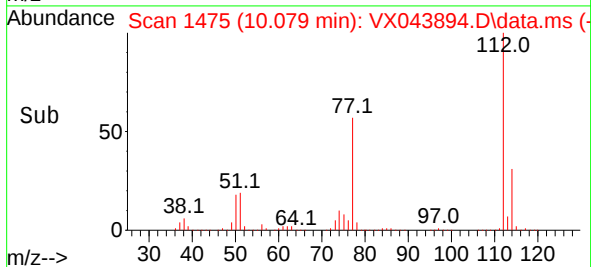
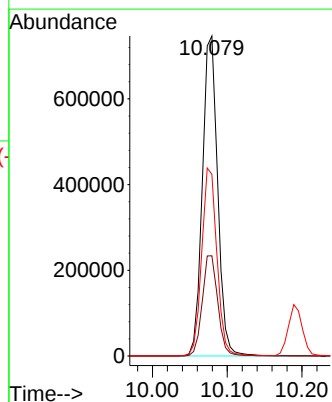
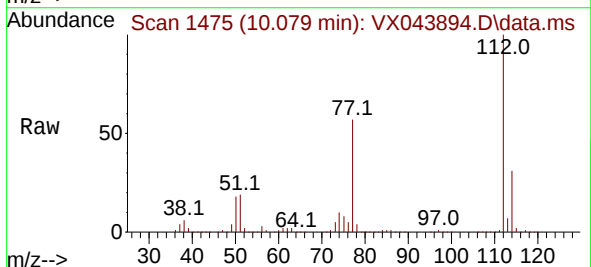
Instrument :
MSVOA_X
ClientSampleId :

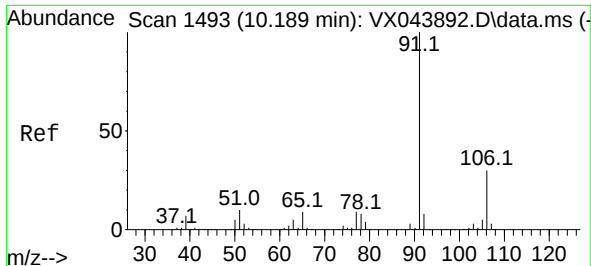
Tgt Ion:107 Resp: 427124
Ion Ratio Lower Upper
107 100
109 93.3 65.5 121.7
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 192.173 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Tgt Ion:112 Resp: 1059828
Ion Ratio Lower Upper
112 100
114 31.3 22.9 42.5
77 56.8 48.0 72.0





#52

Ethylbenzene

Concen: 191.581 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

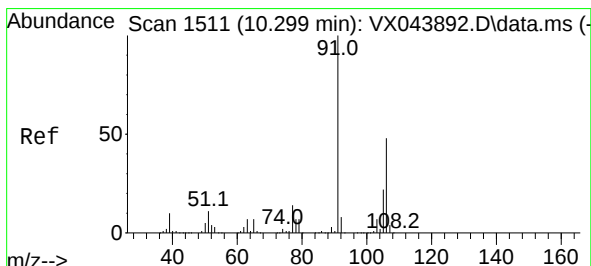
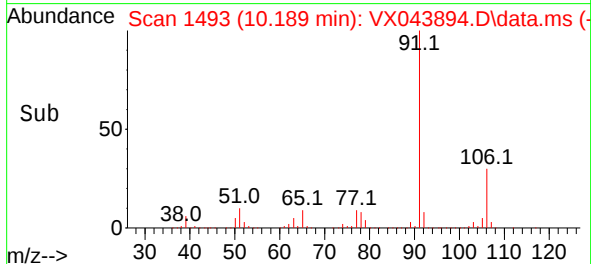
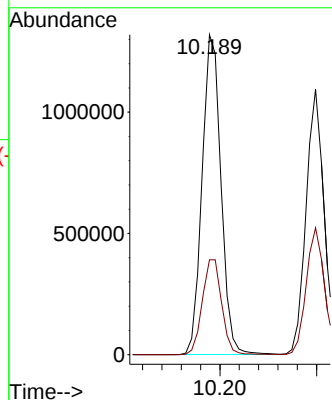
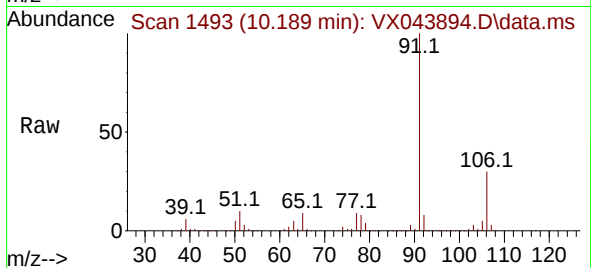
ClientSampleId :

Tgt Ion: 91 Resp: 1795397

Ion Ratio Lower Upper

91 100

106 29.6 21.1 39.1



#53

m,p-Xylene

Concen: 196.717 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043894.D

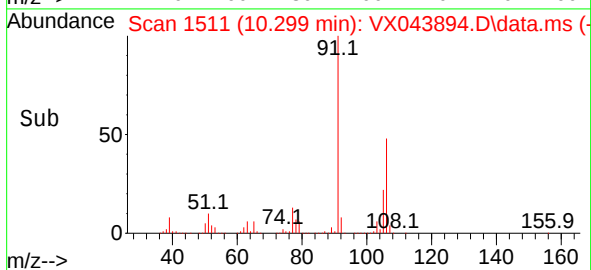
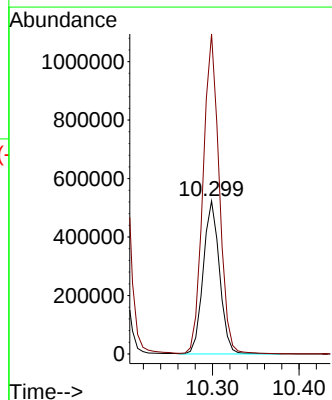
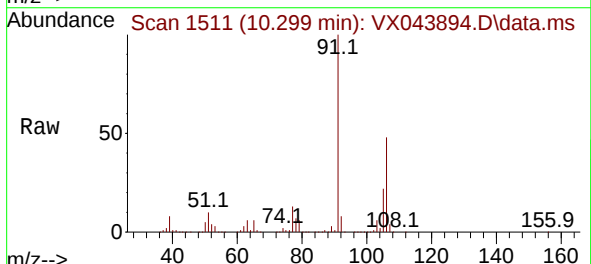
Acq: 19 Nov 2024 11:39

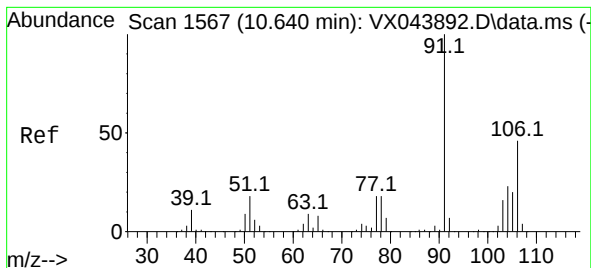
Tgt Ion:106 Resp: 684701

Ion Ratio Lower Upper

106 100

91 209.1 147.5 273.9





#54

o-Xylene

Concen: 188.350 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

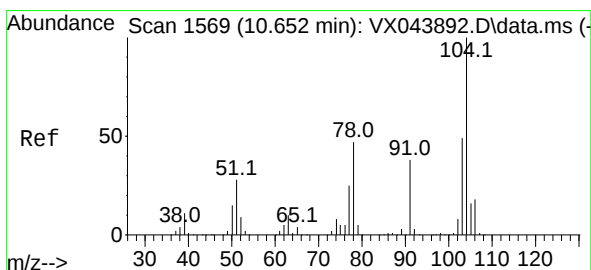
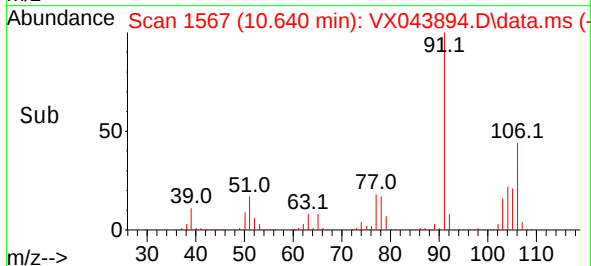
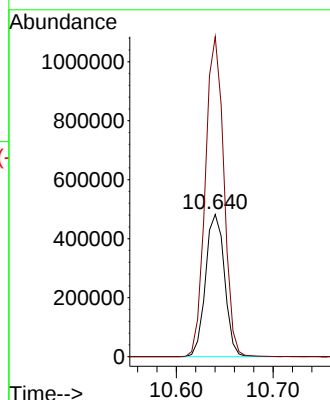
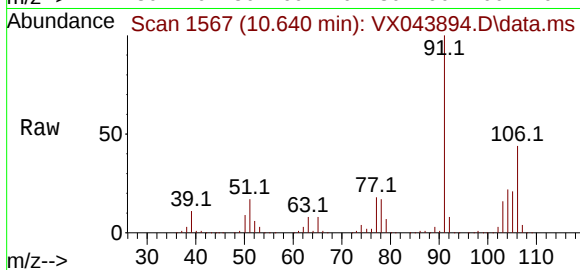
ClientSampleId :

Tgt Ion:106 Resp: 660039

Ion Ratio Lower Upper

106 100

91 224.9 153.7 285.5



#55

Styrene

Concen: 195.945 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043894.D

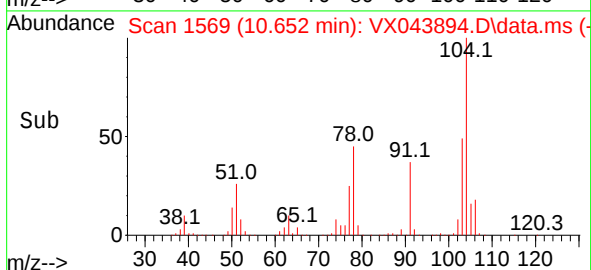
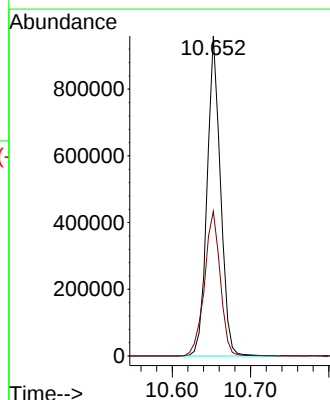
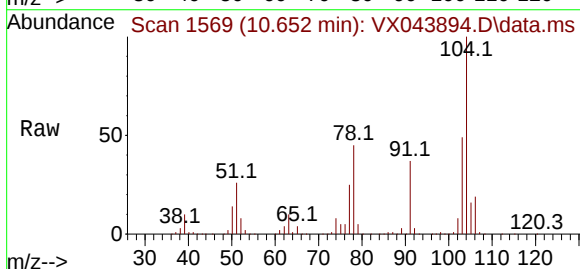
Acq: 19 Nov 2024 11:39

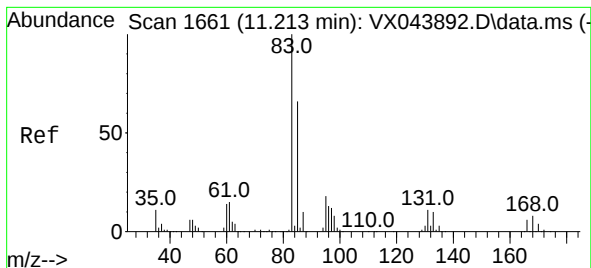
Tgt Ion:104 Resp: 1136655

Ion Ratio Lower Upper

104 100

78 45.2 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 189.528 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

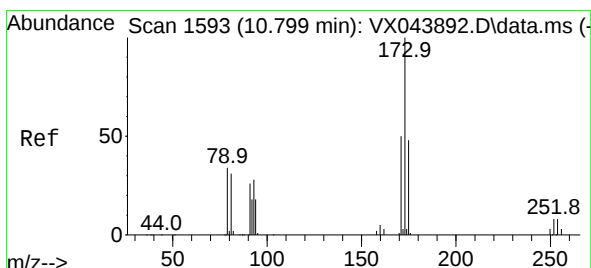
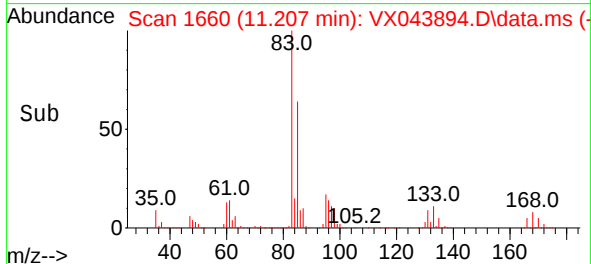
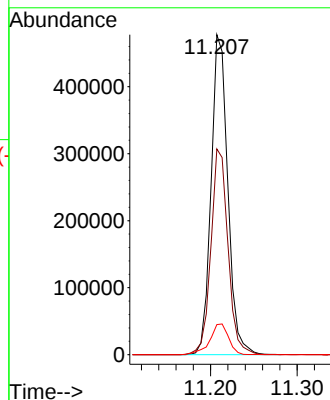
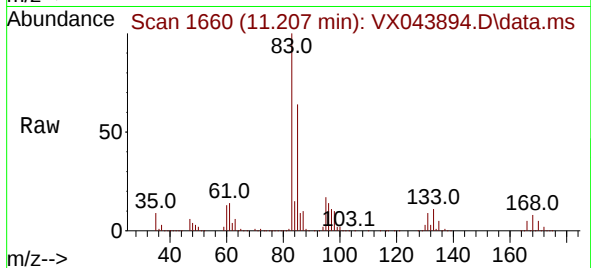
Tgt Ion: 83 Resp: 638791

Ion Ratio Lower Upper

83 100

85 64.3 46.0 85.4

131 9.4 8.8 13.2



#59

Bromoform

Concen: 236.818 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

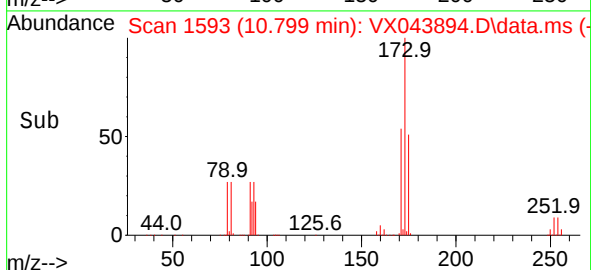
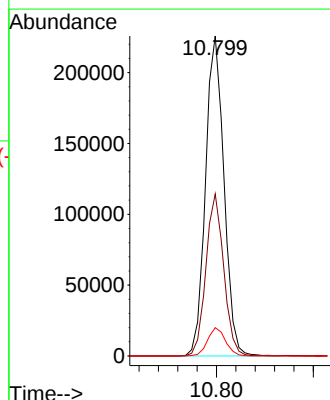
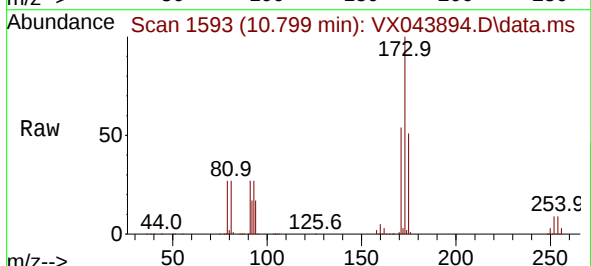
Tgt Ion:173 Resp: 300024

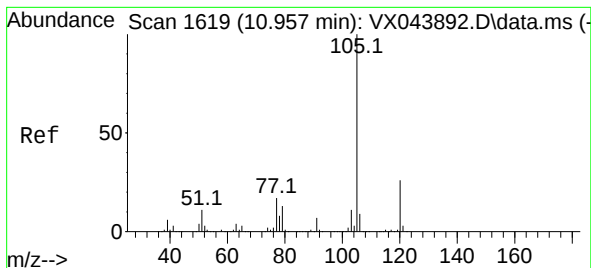
Ion Ratio Lower Upper

173 100

175 48.8 40.0 60.0

254 8.6 6.3 9.5





#60

Isopropylbenzene

Concen: 200.476 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

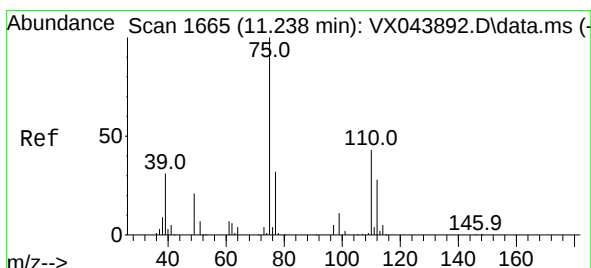
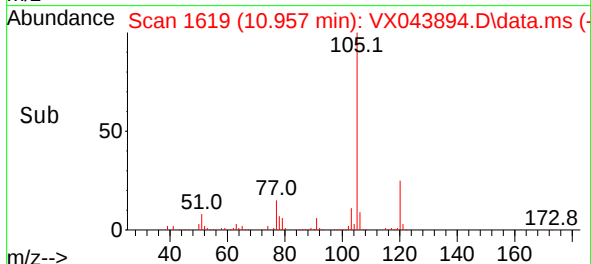
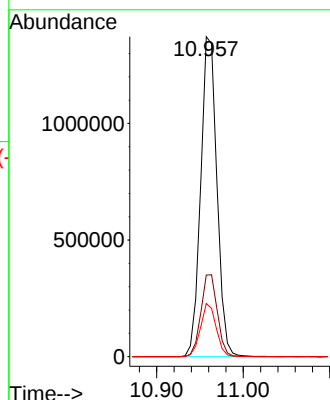
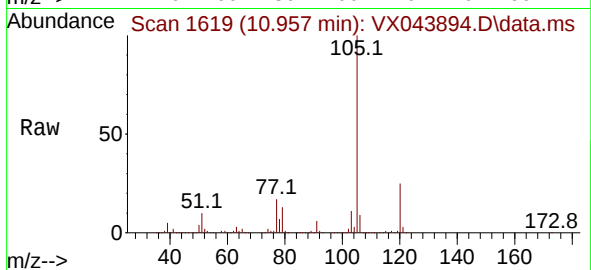
Tgt Ion:105 Resp: 1786328

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 16.0 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 192.998 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

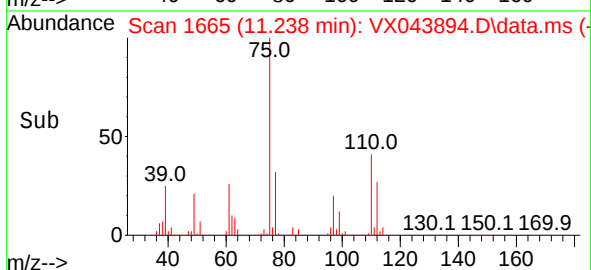
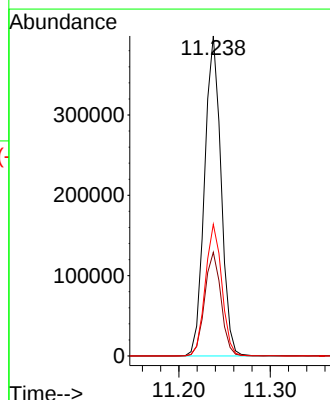
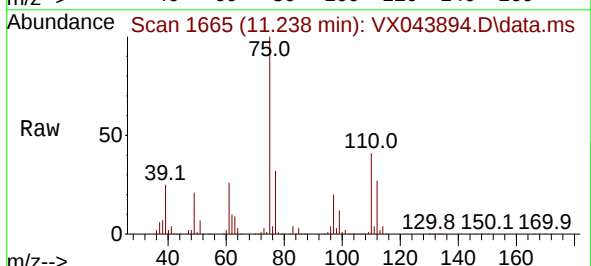
Tgt Ion: 75 Resp: 497212

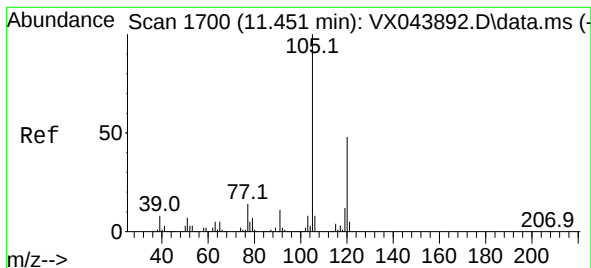
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

110 41.1 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 194.205 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

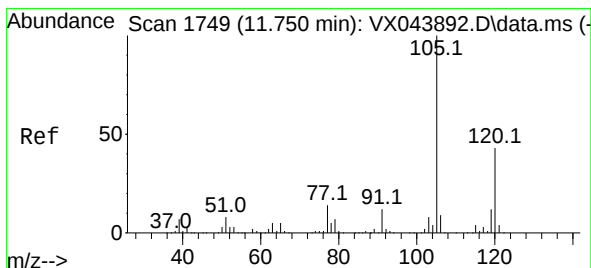
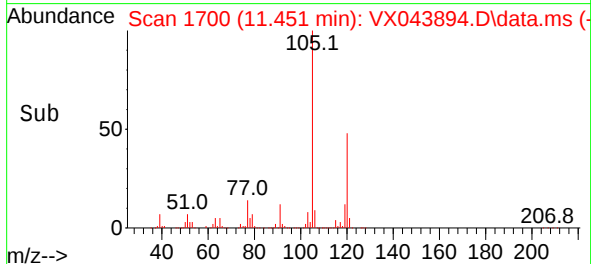
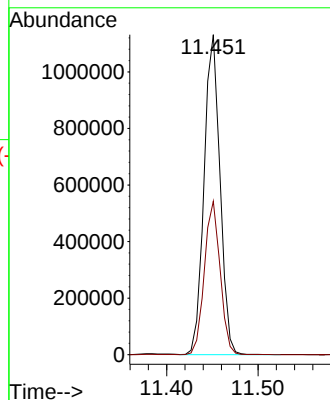
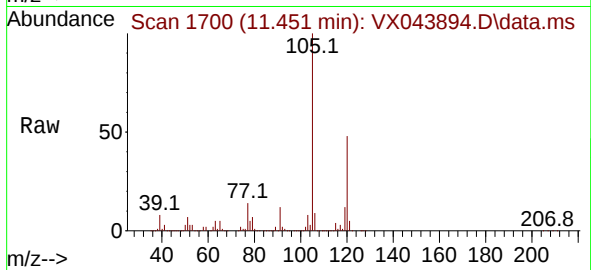
ClientSampleId :

Tgt Ion:105 Resp: 1367138

Ion Ratio Lower Upper

105 100

120 47.3 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 185.886 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043894.D

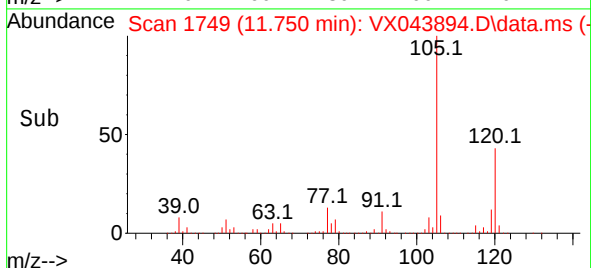
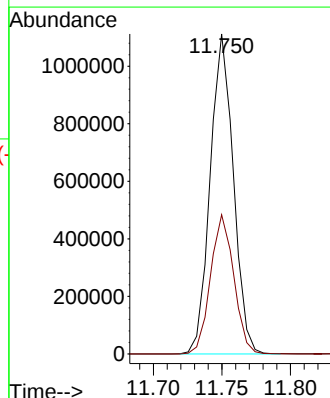
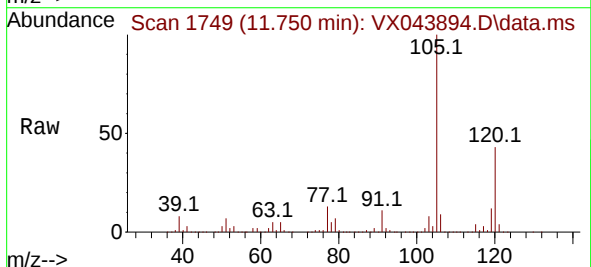
Acq: 19 Nov 2024 11:39

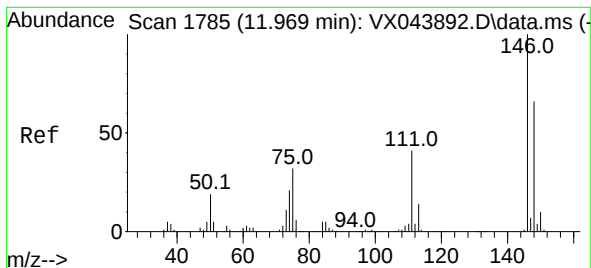
Tgt Ion:105 Resp: 1304740

Ion Ratio Lower Upper

105 100

120 43.6 34.5 51.7





#64

1,3-Dichlorobenzene

Concen: 182.332 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

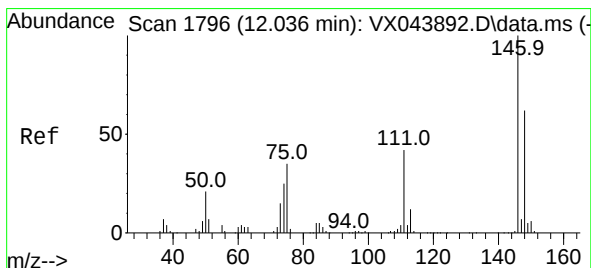
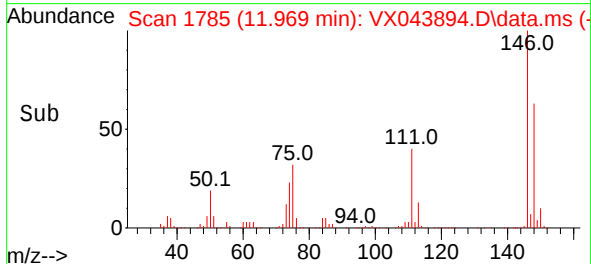
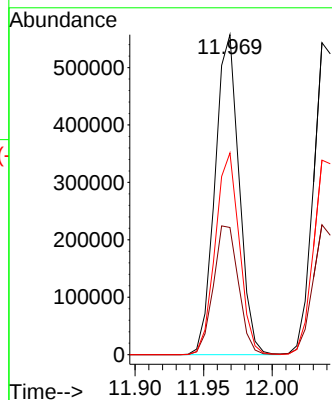
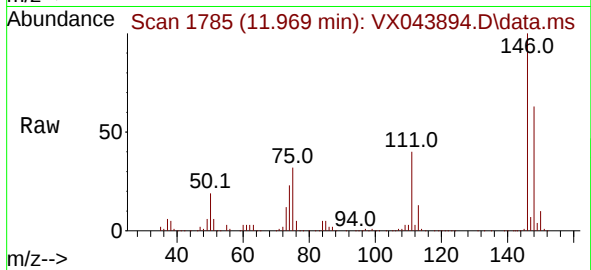
Tgt Ion:146 Resp: 681627

Ion Ratio Lower Upper

146 100

111 39.8 28.8 53.4

148 63.1 46.1 85.5



#65

1,4-Dichlorobenzene

Concen: 184.861 ug/L

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

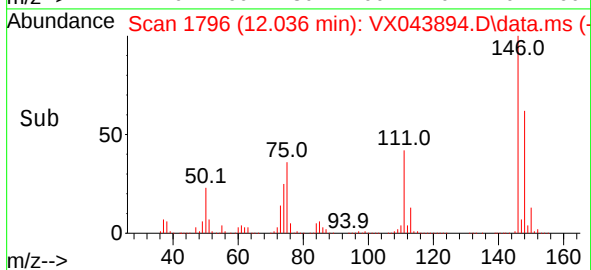
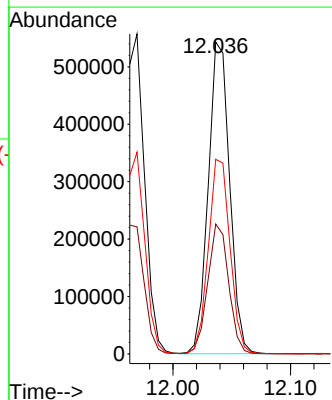
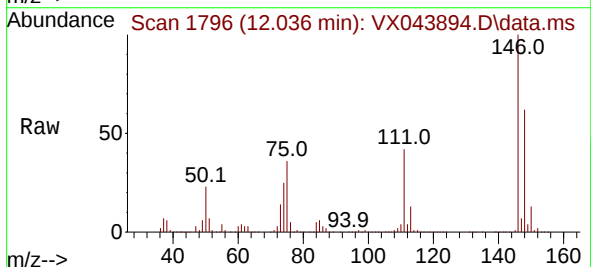
Tgt Ion:146 Resp: 686230

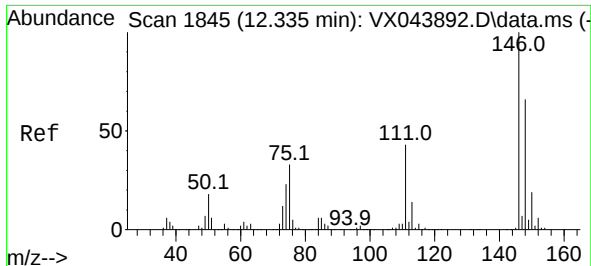
Ion Ratio Lower Upper

146 100

111 41.6 29.5 54.7

148 62.3 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 197.372 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

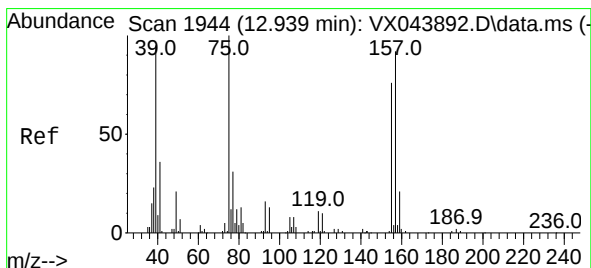
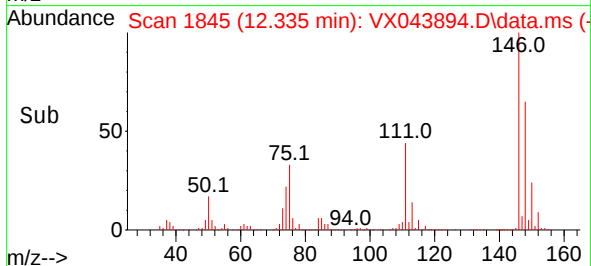
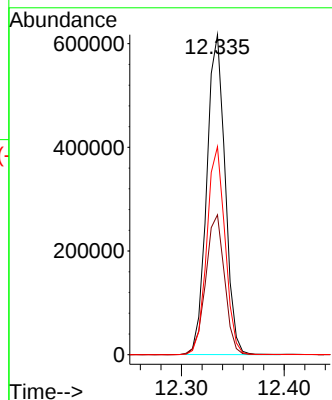
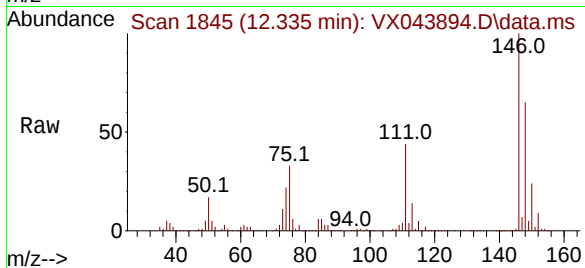
Tgt Ion:146 Resp: 763958

Ion Ratio Lower Upper

146 100

111 43.7 34.3 51.5

148 65.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 234.246 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

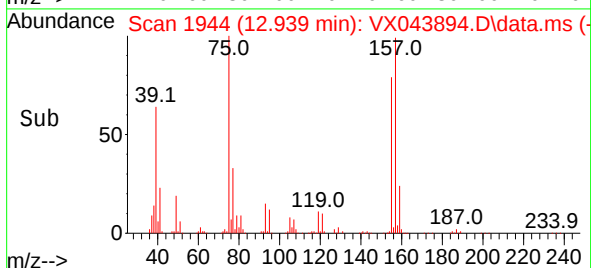
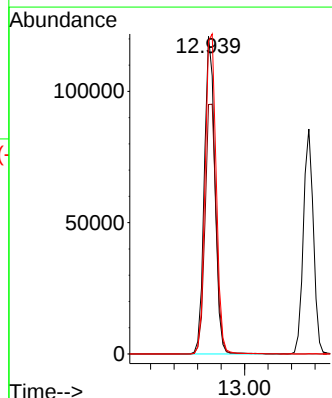
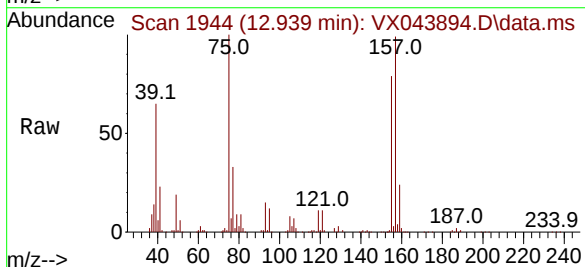
Tgt Ion: 75 Resp: 151034

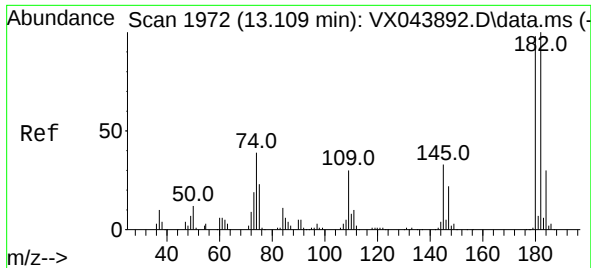
Ion Ratio Lower Upper

75 100

155 78.6 60.5 90.7

157 98.7 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 232.793 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 561544

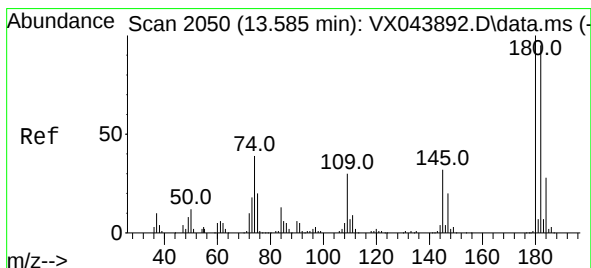
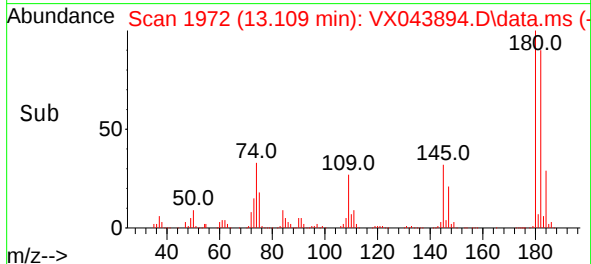
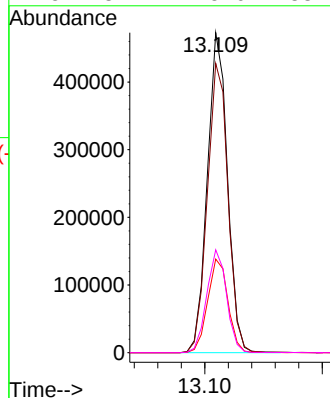
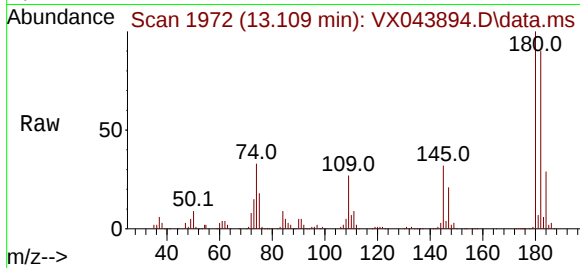
Ion Ratio Lower Upper

180 100

182 92.5 76.7 115.1

184 29.7 24.2 36.4

145 31.7 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 238.151 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043894.D

Acq: 19 Nov 2024 11:39

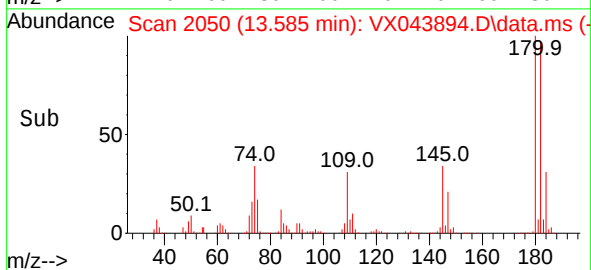
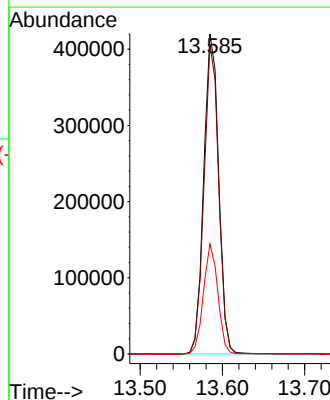
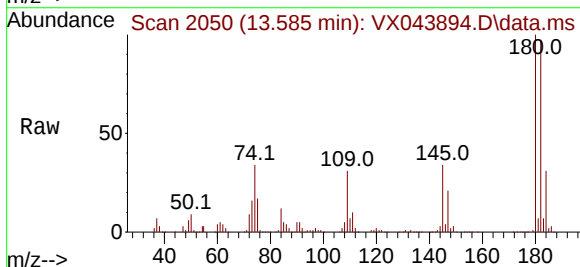
Tgt Ion:180 Resp: 529684

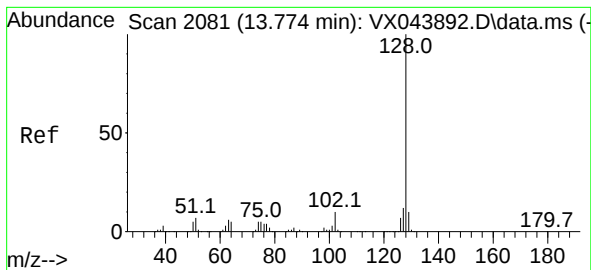
Ion Ratio Lower Upper

180 100

182 94.9 74.1 111.1

145 33.0 25.3 37.9

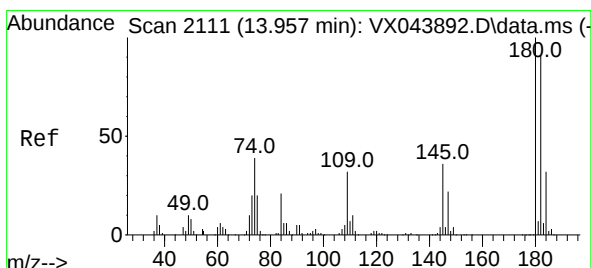
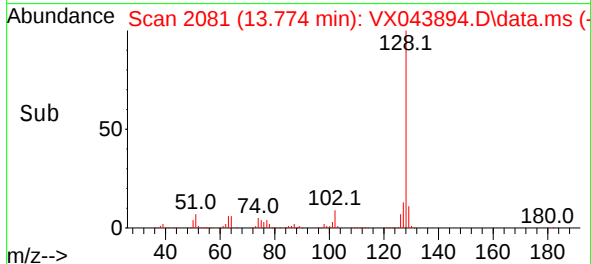
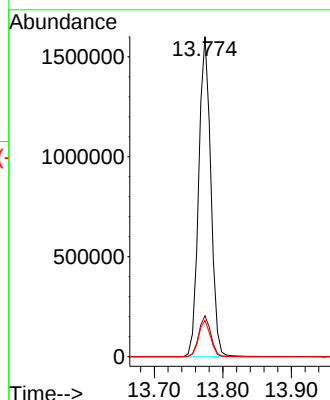
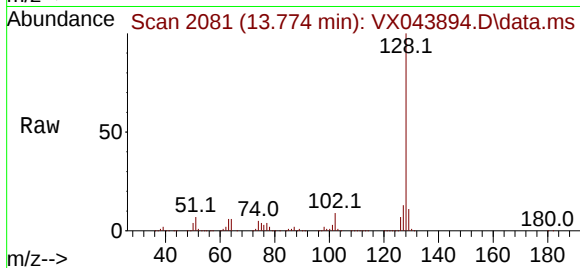




#71
Naphthalene
Concen: 237.905 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 1968397
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 239.326 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX043894.D
Acq: 19 Nov 2024 11:39

Tgt Ion:180 Resp: 536337
Ion Ratio Lower Upper
180 100
182 95.1 73.8 110.6
145 34.8 27.4 41.2

