

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043893.D
 Acq On : 19 Nov 2024 11:16
 Operator : JC/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 23:10:45 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	265005	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	234697	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	116501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	201329	95.225	ug/L	0.00
7) Chloroethane-d5	1.648	69	86678	96.307	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	86441	101.728	ug/L	0.00
21) 2-Butanone-d5	4.459	46	265830	209.232	ug/L	0.00
24) Chloroform-d	5.050	84	419856	107.170	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	289451	111.295	ug/L	0.00
32) Benzene-d6	5.964	84	742358	95.915	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.299	67	228899	97.855	ug/L	0.00
41) Toluene-d8	8.647	98	658938	97.054	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	118635	112.072	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	181603	207.938	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	311221	105.520	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	242327	97.992	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	217875	100.200	ug/L	98
3) Chloromethane	1.294	50	207001	93.106	ug/L	98
5) Vinyl chloride	1.374	62	211583	93.594	ug/L	97
6) Bromomethane	1.593	94	110197	117.043	ug/L	97
8) Chloroethane	1.660	64	97347	102.412	ug/L	97
9) Trichlorofluoromethane	1.868	101	312980	103.472	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	169058	93.766	ug/L	98
12) 1,1-Dichloroethene	2.306	96	158128	96.302	ug/L #	68
13) Acetone	2.386	43	225075	201.524	ug/L	92
14) Carbon disulfide	2.502	76	357523	102.450	ug/L	98
15) Methyl Acetate	2.703	43	205908	98.554	ug/L	98
16) Methylene chloride	2.782	84	188411	97.862	ug/L	92
17) trans-1,2-Dichloroethene	3.081	96	169760	96.542	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	662698	101.843	ug/L #	95
19) 1,1-Dichloroethane	3.605	63	351185	100.246	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	209565	98.032	ug/L	95
22) 2-Butanone	4.562	43	302395	201.714	ug/L	98
23) Bromochloromethane	4.897	128	105123	95.696	ug/L	95
25) Chloroform	5.086	83	389903	101.915	ug/L	95
27) 1,2-Dichloroethane	6.080	62	336331	111.460	ug/L #	94
29) Cyclohexane	5.458	56	281866	92.331	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	329014	101.599	ug/L	96
31) Carbon tetrachloride	5.666	117	275734	104.974	ug/L	98
33) Benzene	6.031	78	731772	93.271	ug/L	100
34) Trichloroethene	7.117	95	199219	92.525	ug/L	96
35) Methylcyclohexane	7.373	83	277207	94.166	ug/L	98
37) 1,2-Dichloropropane	7.428	63	194086	95.320	ug/L	100
38) Bromodichloromethane	7.818	83	277442	108.647	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	324340	101.085	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	572103	205.231	ug/L	95
42) Toluene	8.714	91	753847	95.348	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	314284	108.972	ug/L	98

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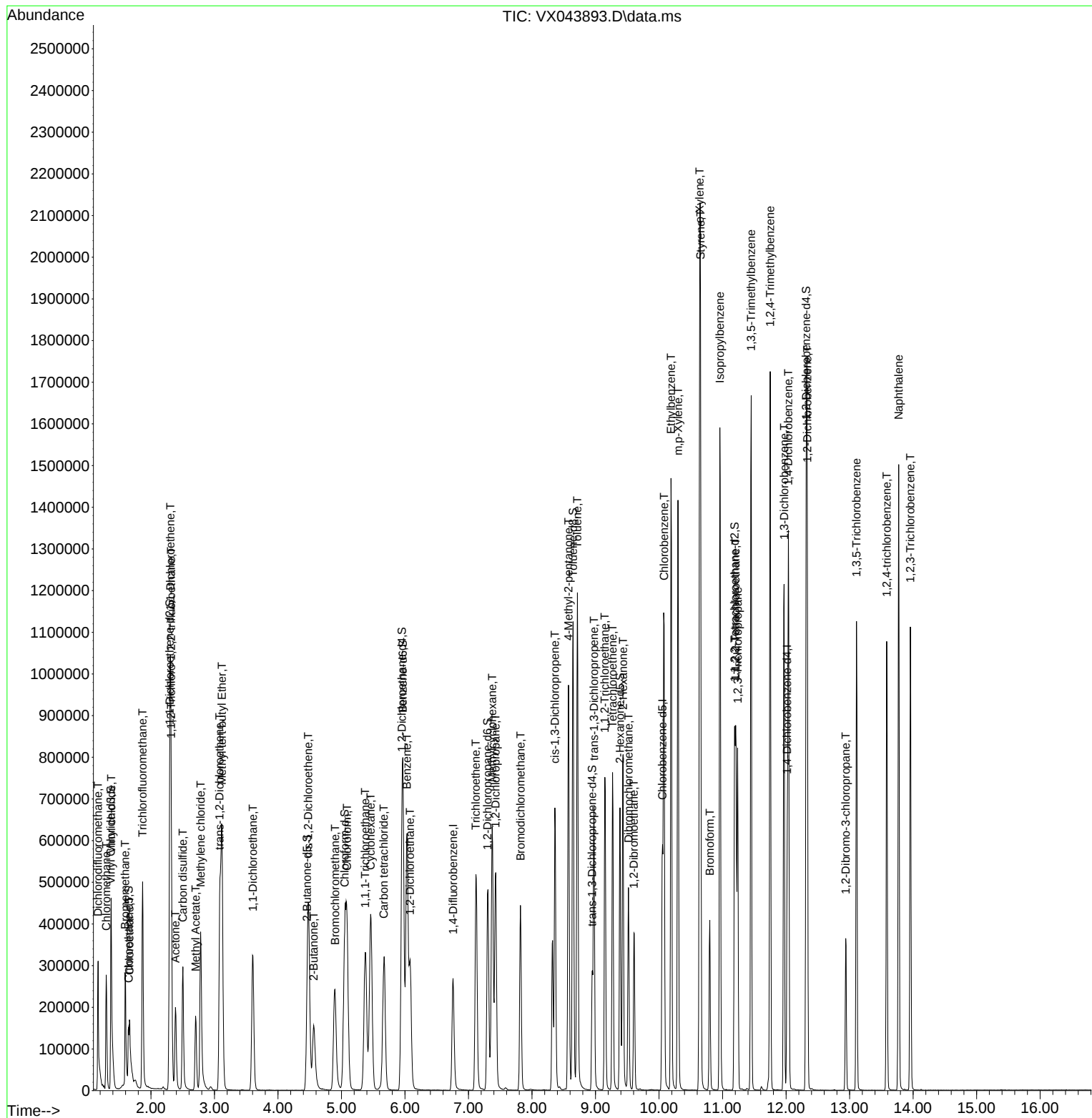
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	193327	96.551	ug/L	99
46) Tetrachloroethene	9.269	164	131622	93.816	ug/L	98
48) 2-Hexanone	9.433	43	441432	209.799	ug/L	94
49) Dibromochloromethane	9.519	129	195941	105.857	ug/L	98
50) 1,2-Dibromoethane	9.604	107	205274	97.326	ug/L	99
51) Chlorobenzene	10.079	112	478979	97.666	ug/L	98
52) Ethylbenzene	10.189	91	838464	100.612	ug/L	99
53) m,p-Xylene	10.299	106	311427	100.616	ug/L	100
54) o-Xylene	10.640	106	313161	100.493	ug/L	98
55) Styrene	10.653	104	538689	104.427	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	308919	103.069	ug/L	97
59) Bromoform	10.799	173	133635	102.373	ug/L	97
60) Isopropylbenzene	10.957	105	823868	89.736	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	237936	89.635	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	691807	95.376	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	695526	96.171	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	365193	94.808	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	368373	96.309	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	375162	94.068	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	70230	105.712	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	239629	96.412	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	226347	98.768	ug/L	98
71) Naphthalene	13.774	128	851453	99.875	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	231226	100.137	ug/L	98

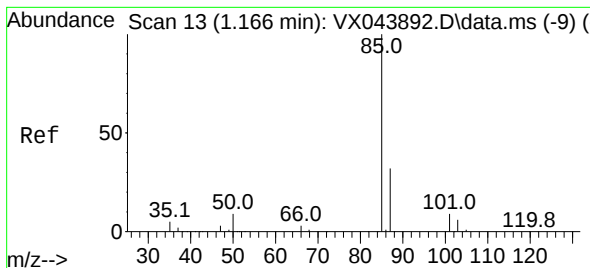
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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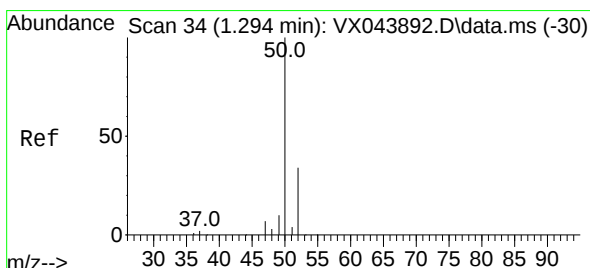
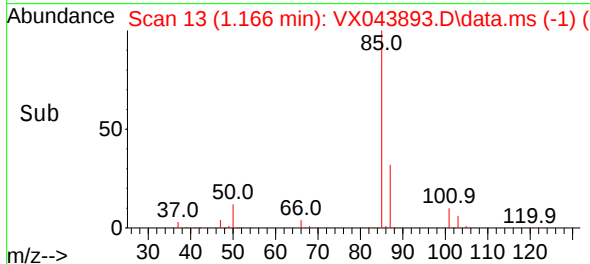
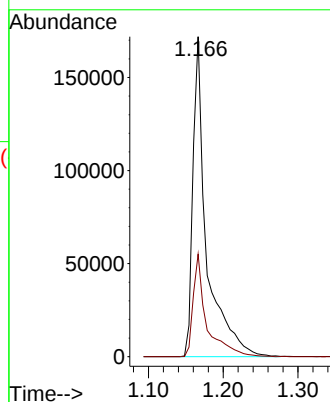
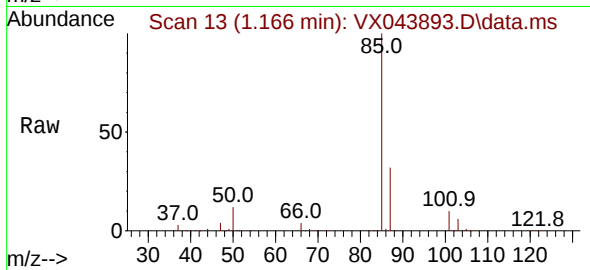




#2
Dichlorodifluoromethane
Concen: 100.200 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

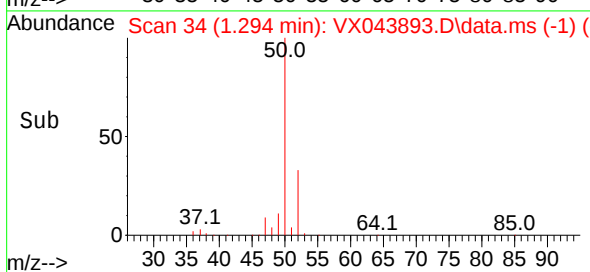
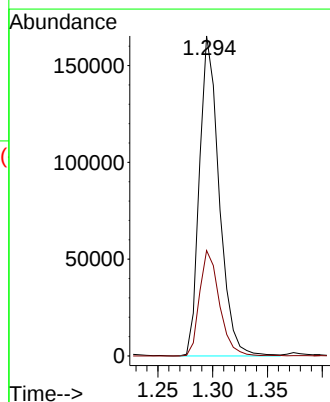
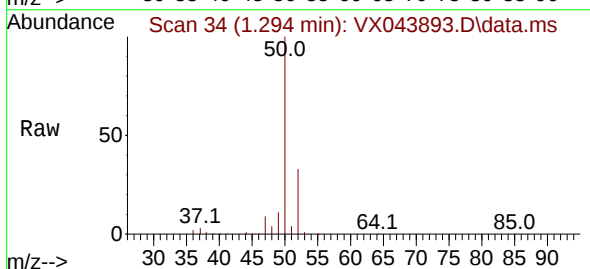
Instrument :
MSVOA_X
ClientSampleId :

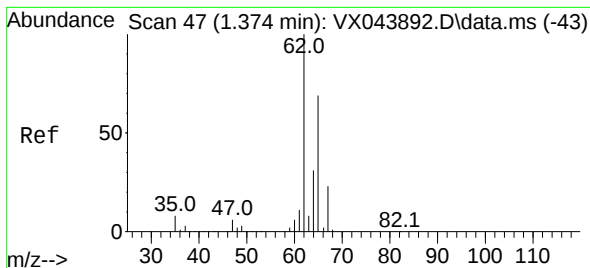
Tgt Ion: 85 Resp: 217875
Ion Ratio Lower Upper
85 100
87 31.6 26.1 39.1



#3
Chloromethane
Concen: 93.106 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion: 50 Resp: 207001
Ion Ratio Lower Upper
50 100
52 32.9 23.9 44.3





#5

Vinyl chloride

Concen: 93.594 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Instrument :

MSVOA_X

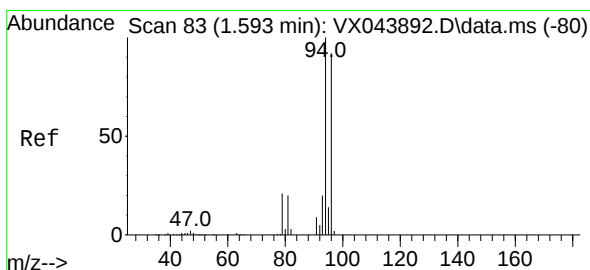
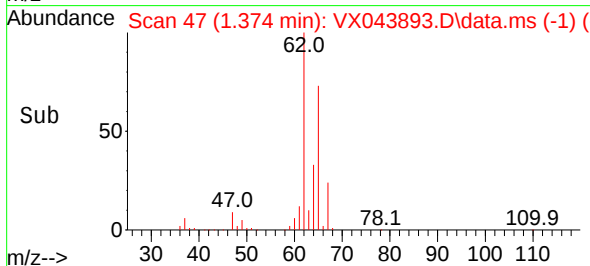
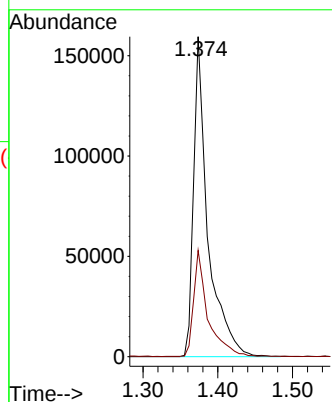
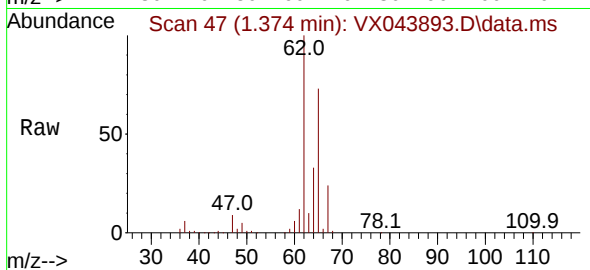
ClientSampleId :

Tgt Ion: 62 Resp: 211583

Ion Ratio Lower Upper

62 100

64 33.2 22.2 41.2



#6

Bromomethane

Concen: 117.043 ug/L

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX043893.D

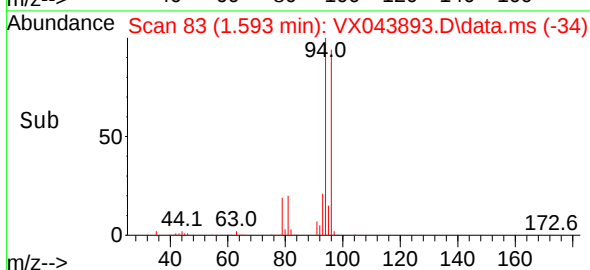
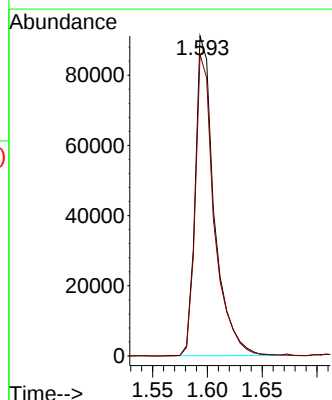
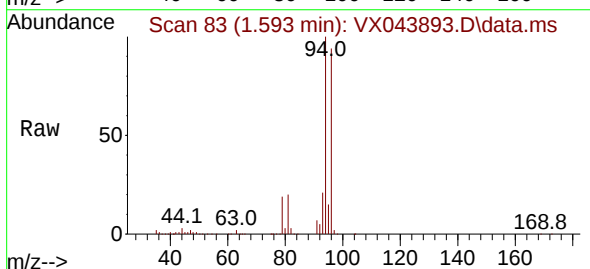
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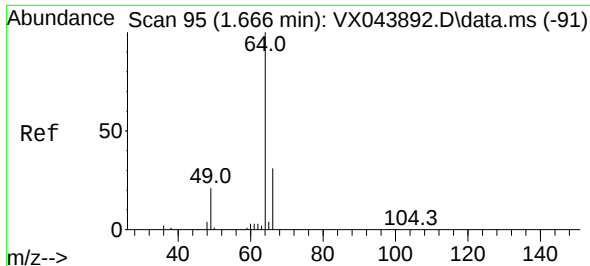
Tgt Ion: 94 Resp: 110197

Ion Ratio Lower Upper

94 100

96 94.2 64.2 119.2

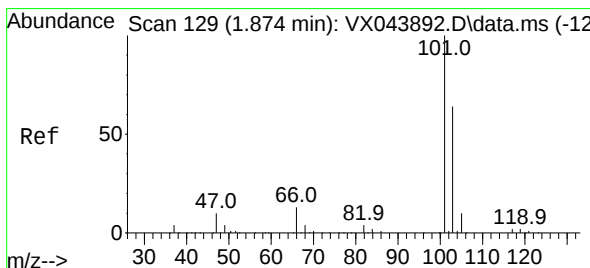
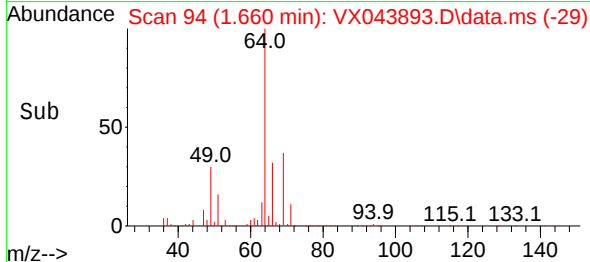
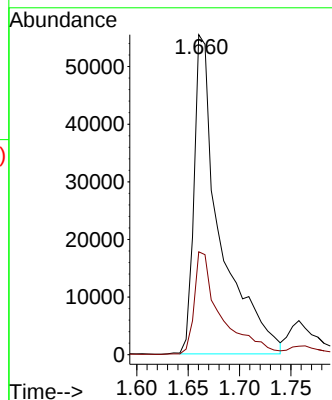
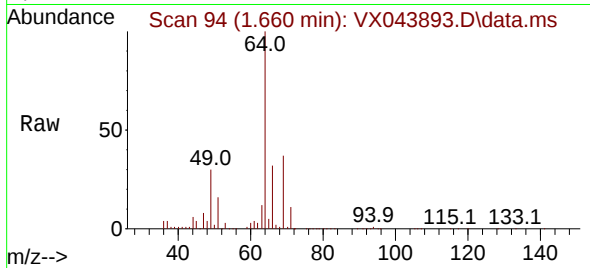




#8
Chloroethane
Concen: 102.412 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

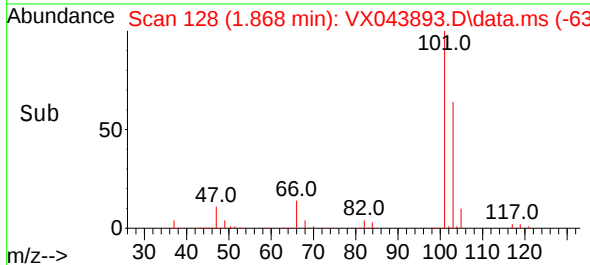
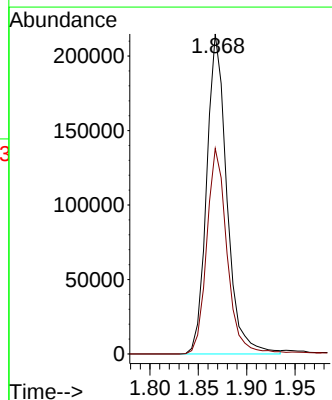
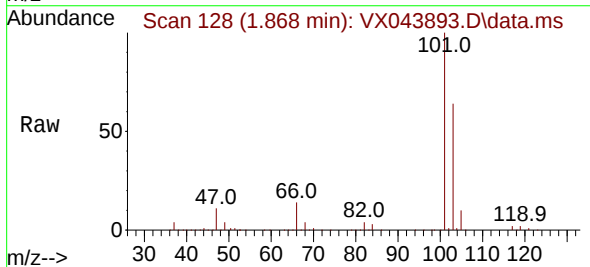
Instrument :
MSVOA_X
ClientSampleId :

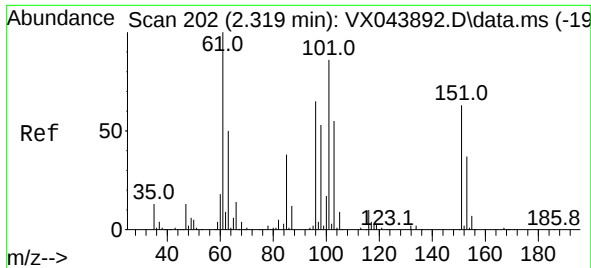
Tgt Ion: 64 Resp: 97347
Ion Ratio Lower Upper
64 100
66 32.2 21.5 39.9



#9
Trichlorofluoromethane
Concen: 103.472 ug/L
RT: 1.868 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion:101 Resp: 312980
Ion Ratio Lower Upper
101 100
103 64.4 50.8 76.2

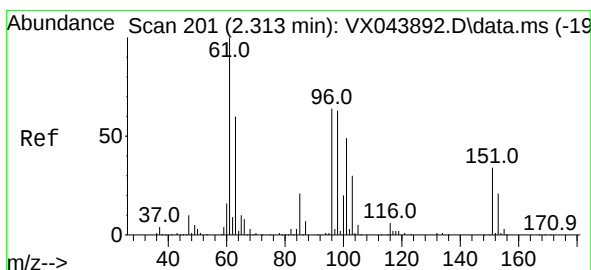
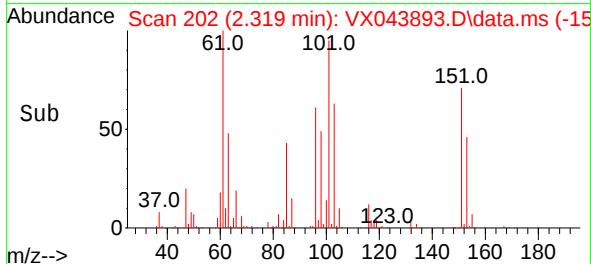
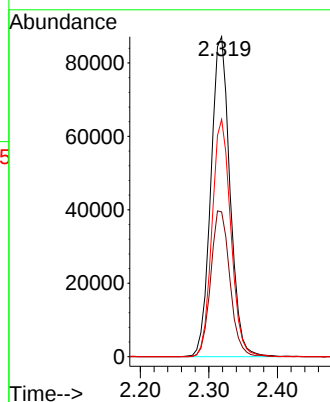
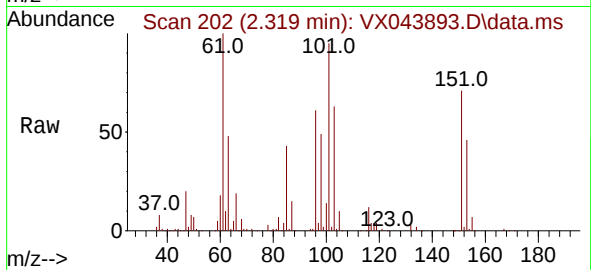




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 93.766 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX043893.D
 Acq: 19 Nov 2024 11:16

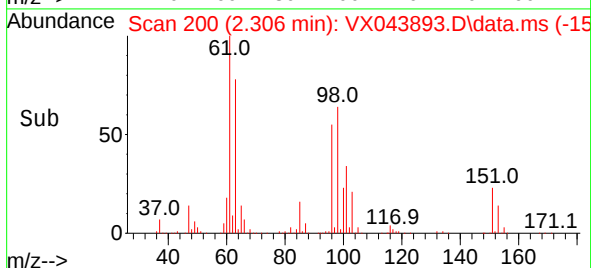
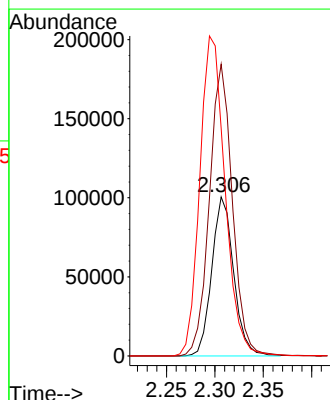
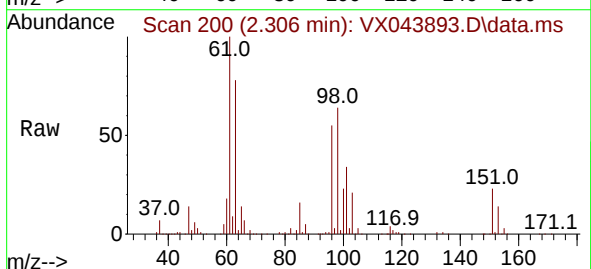
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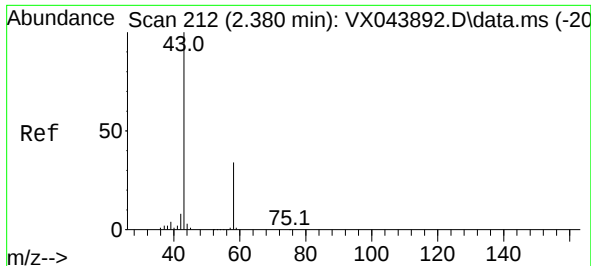
Tgt Ion:101 Resp: 169058
 Ion Ratio Lower Upper
 101 100
 85 45.6 33.9 50.9
 151 72.7 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 96.302 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX043893.D
 Acq: 19 Nov 2024 11:16

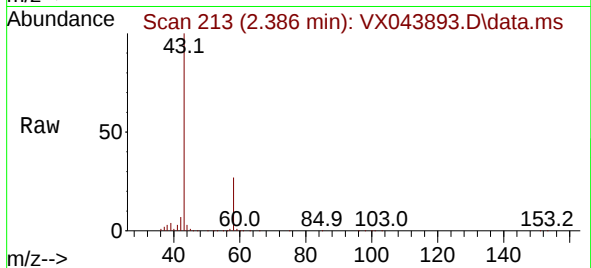
Tgt Ion: 96 Resp: 158128
 Ion Ratio Lower Upper
 96 100
 61 183.3 109.3 203.1
 63 143.1 65.7 122.1#



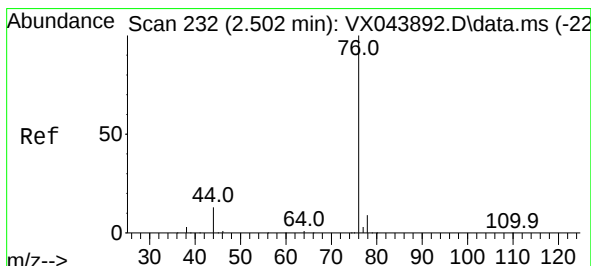
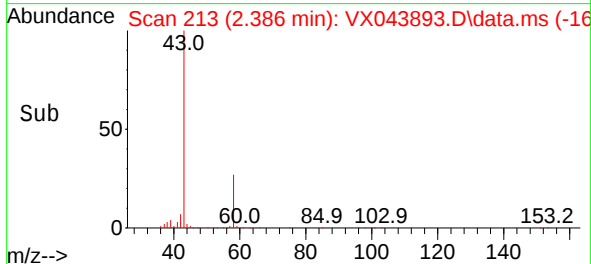
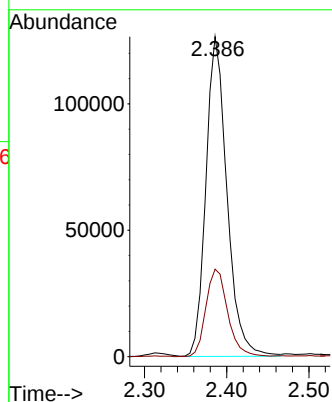


#13
Acetone
Concen: 201.524 ug/L
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Instrument :
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ClientSampleId :

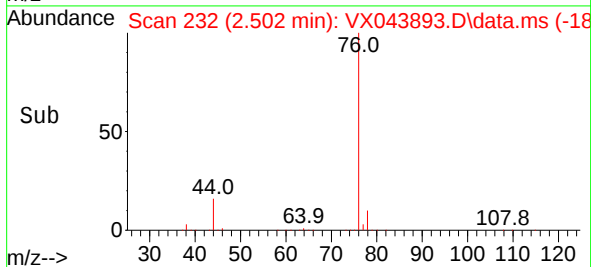
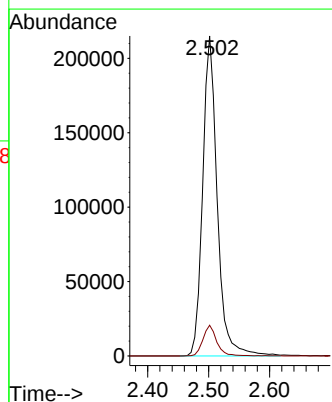
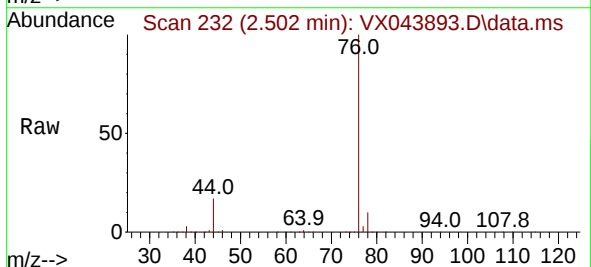


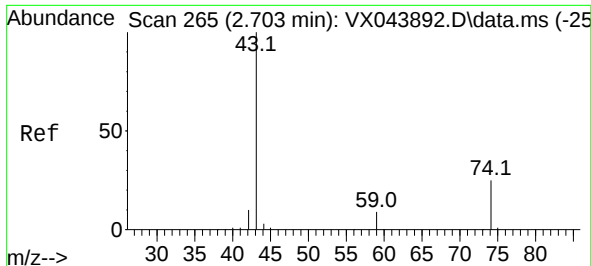
Tgt Ion: 43 Resp: 225075
Ion Ratio Lower Upper
43 100
58 28.4 0.0 66.0



#14
Carbon disulfide
Concen: 102.450 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion: 76 Resp: 357523
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

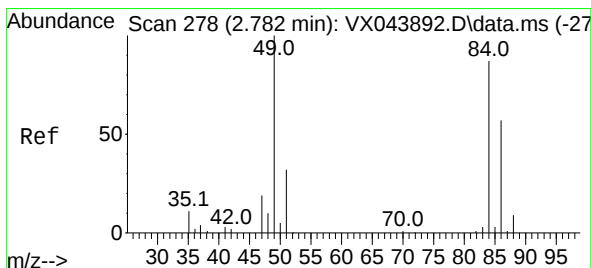
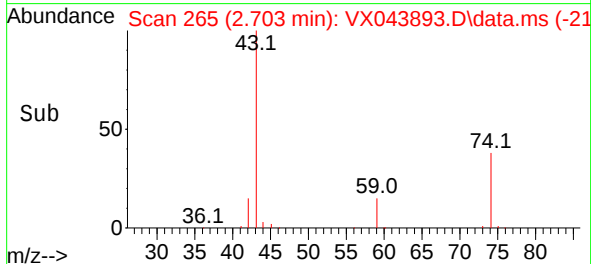
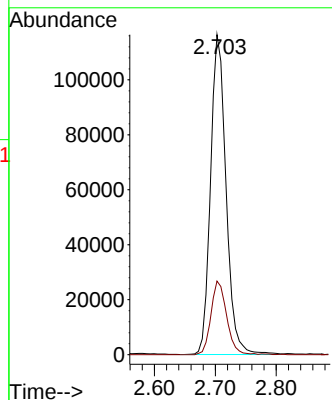
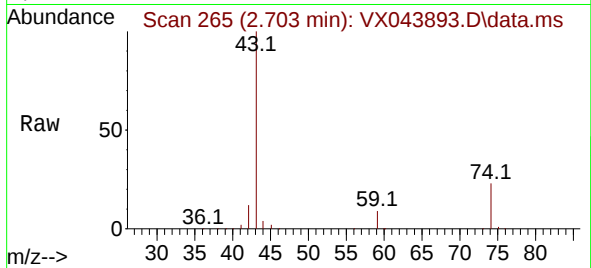




#15
Methyl Acetate
Concen: 98.554 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

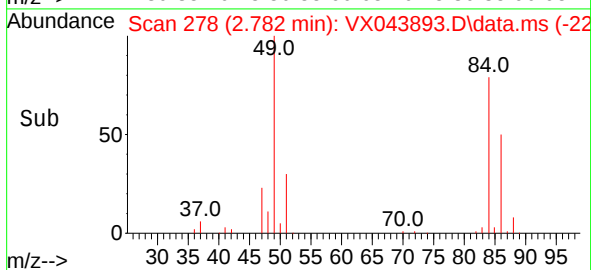
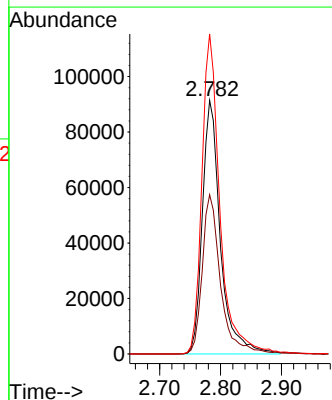
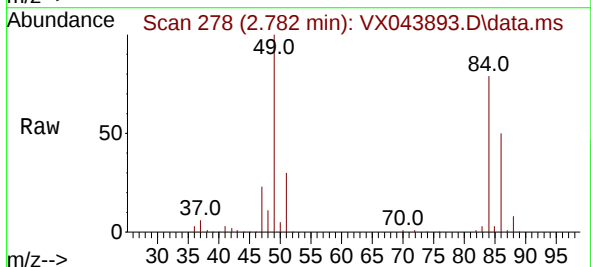
Instrument :
MSVOA_X
ClientSampleId :

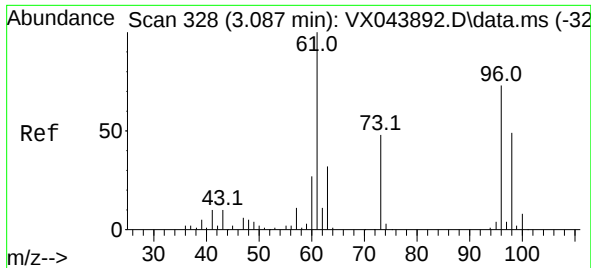
Tgt Ion: 43 Resp: 205908
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.2



#16
Methylene chloride
Concen: 97.862 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion: 84 Resp: 188411
Ion Ratio Lower Upper
84 100
86 62.8 46.0 85.4
49 126.2 80.8 150.2

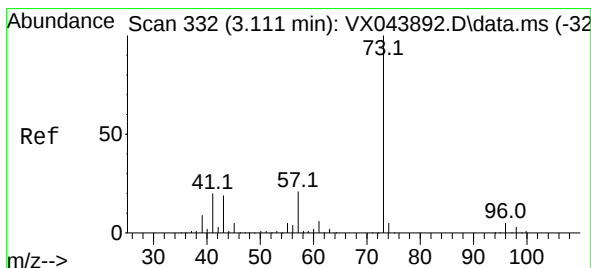
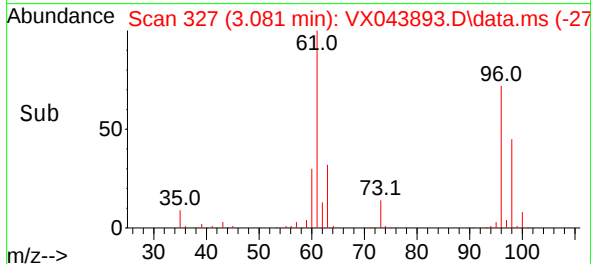
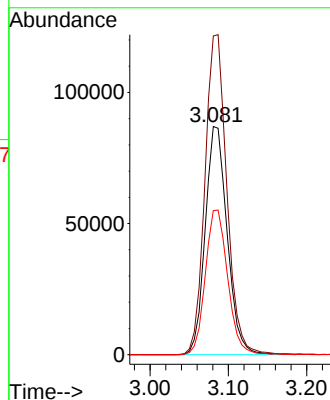
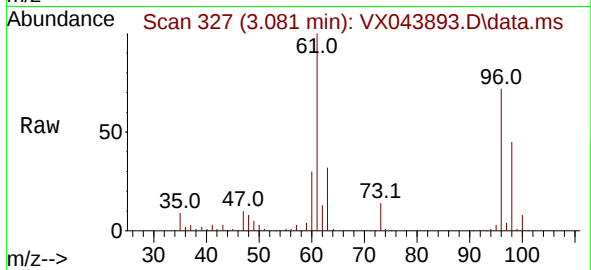




#17
trans-1,2-Dichloroethene
Concen: 96.542 ug/L
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

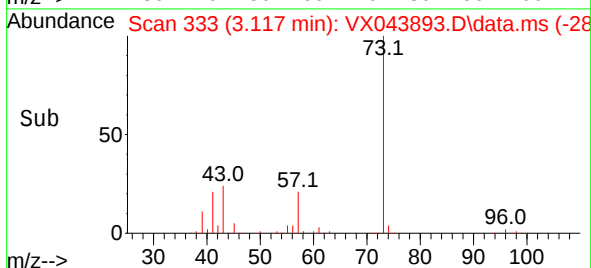
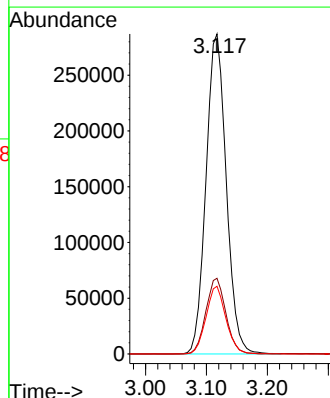
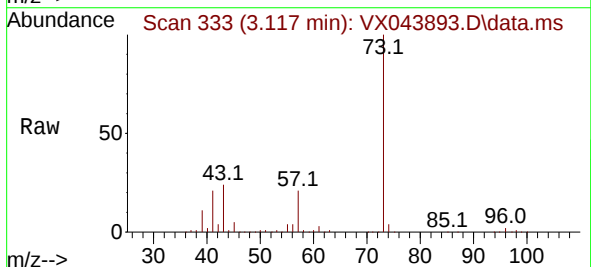
Instrument :
MSVOA_X
ClientSampleId :

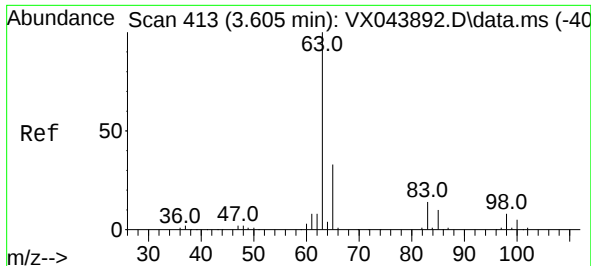
Tgt Ion: 96 Resp: 169760
Ion Ratio Lower Upper
96 100
61 139.7 95.7 177.7
98 63.2 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 101.843 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion: 73 Resp: 662698
Ion Ratio Lower Upper
73 100
43 23.3 15.2 22.8#
57 20.7 17.0 25.6





#19

1,1-Dichloroethane

Concen: 100.246 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Instrument :

MSVOA_X

ClientSampleId :

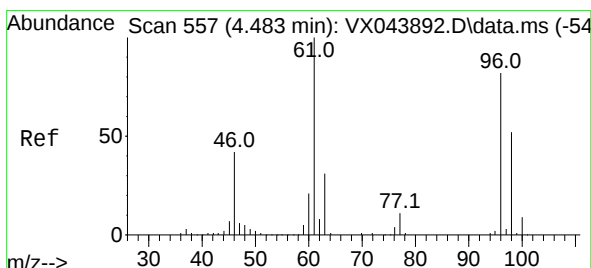
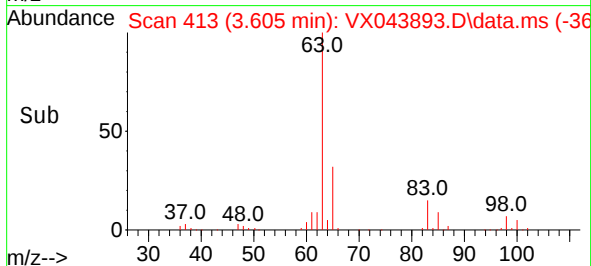
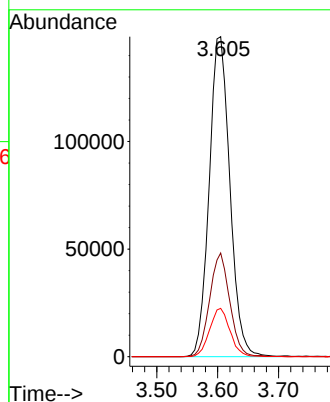
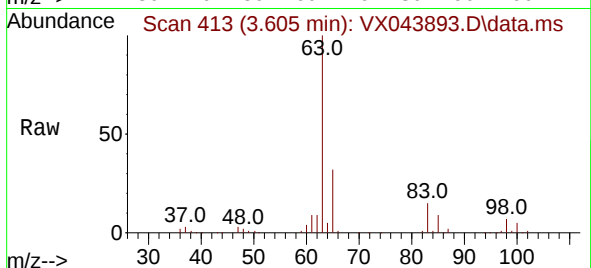
Tgt Ion: 63 Resp: 351185

Ion Ratio Lower Upper

63 100

65 32.4 23.2 43.2

83 15.1 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 98.032 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

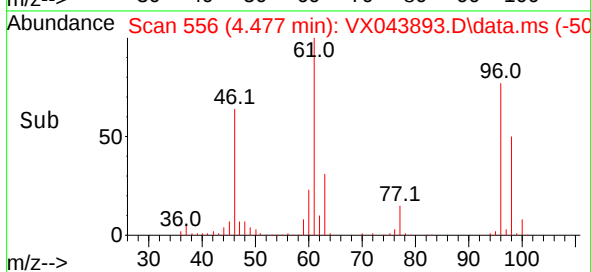
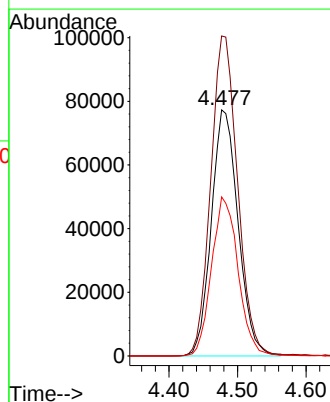
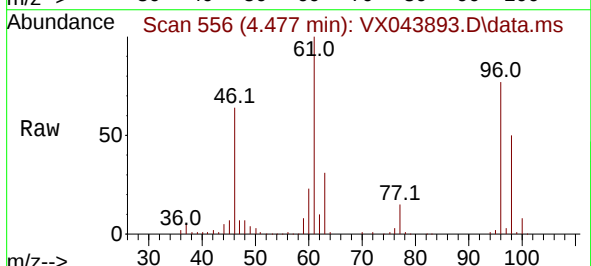
Tgt Ion: 96 Resp: 209565

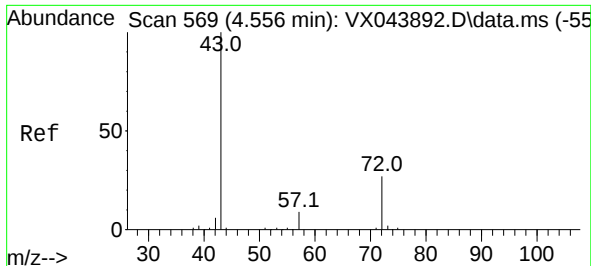
Ion Ratio Lower Upper

96 100

61 130.0 85.0 158.0

98 64.6 44.6 82.8

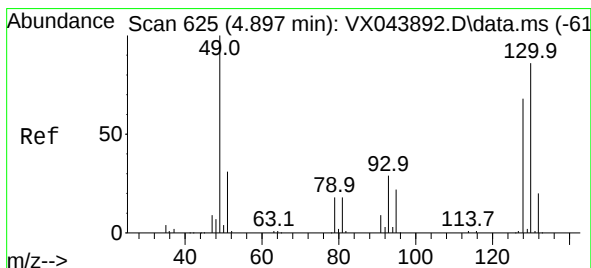
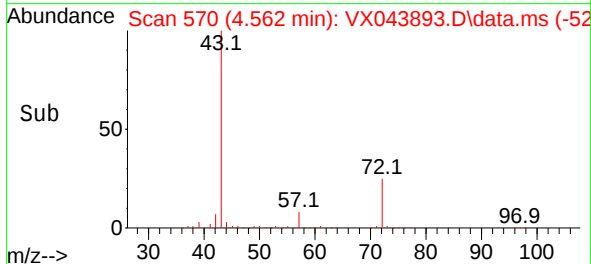
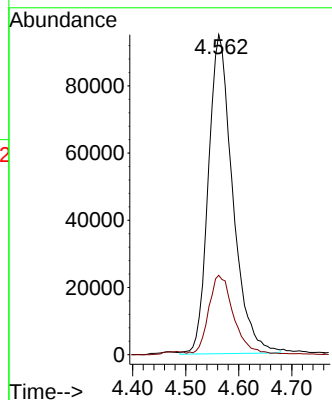
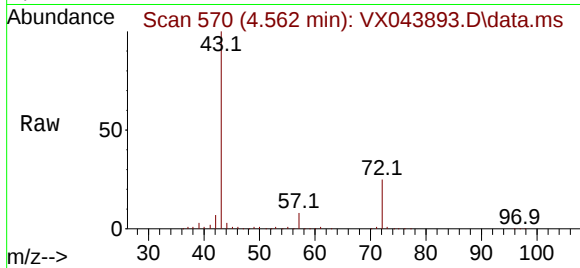




#22
2-Butanone
Concen: 201.714 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

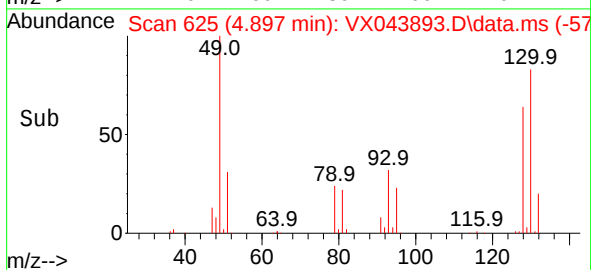
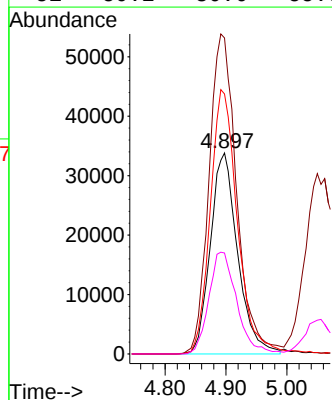
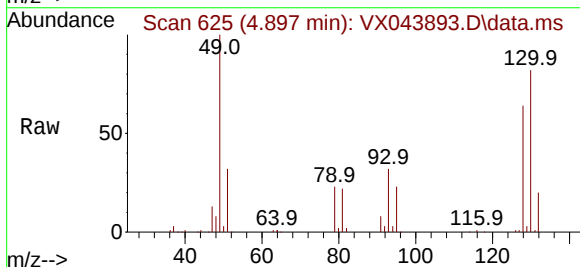
Instrument :
MSVOA_X
ClientSampleId :

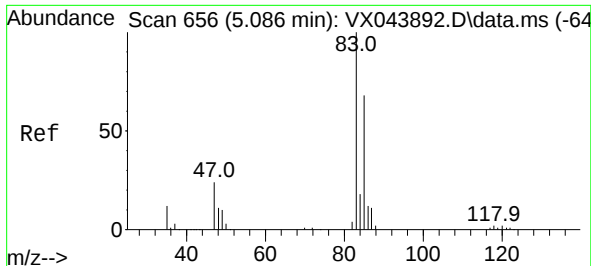
Tgt Ion: 43 Resp: 302395
Ion Ratio Lower Upper
43 100
72 25.3 13.1 39.3



#23
Bromochloromethane
Concen: 95.696 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion:128 Resp: 105123
Ion Ratio Lower Upper
128 100
49 157.3 103.7 192.5
130 129.4 89.1 165.5
51 50.2 36.6 55.0





#25

Chloroform

Concen: 101.915 ug/L

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Instrument :

MSVOA_X

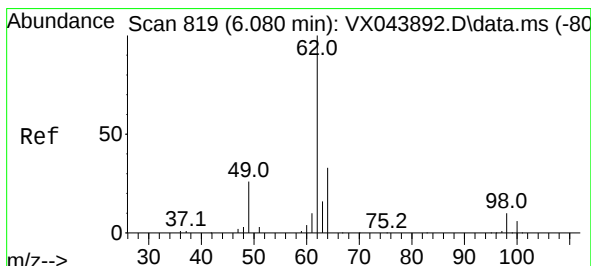
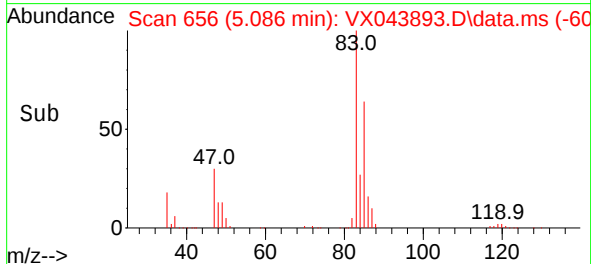
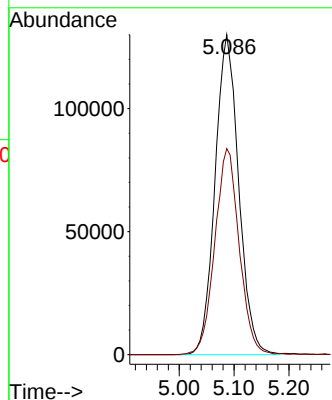
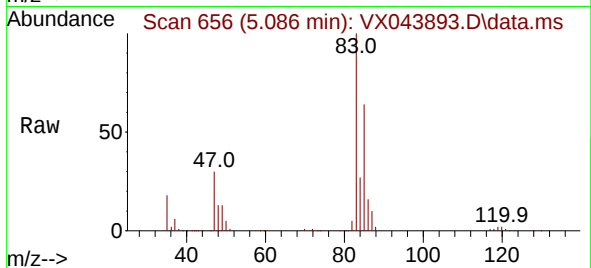
ClientSampleId :

Tgt Ion: 83 Resp: 389903

Ion Ratio Lower Upper

83 100

85 64.4 47.7 88.7



#27

1,2-Dichloroethane

Concen: 111.460 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX043893.D

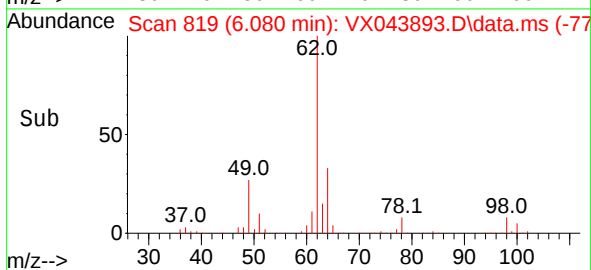
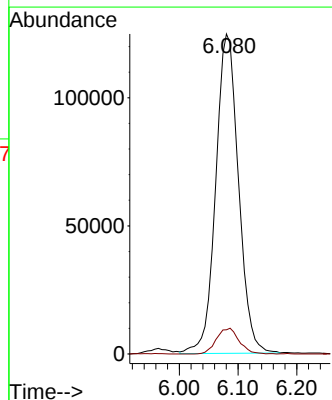
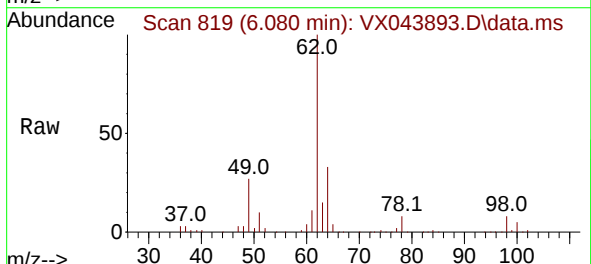
Acq: 19 Nov 2024 11:16

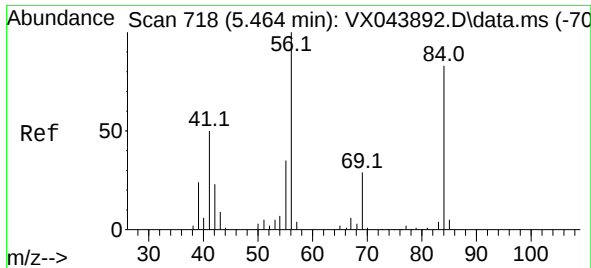
Tgt Ion: 62 Resp: 336331

Ion Ratio Lower Upper

62 100

98 7.6 7.7 11.5#





#29

Cyclohexane

Concen: 92.331 ug/L

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Instrument :

MSVOA_X

ClientSampleId :

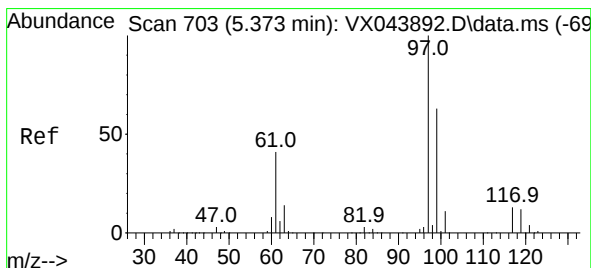
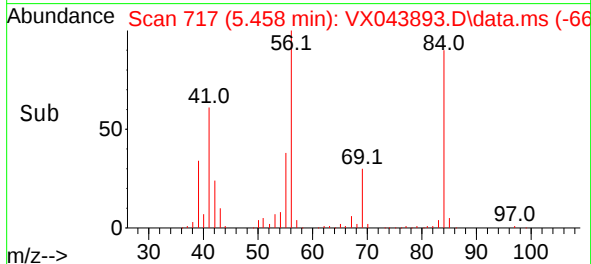
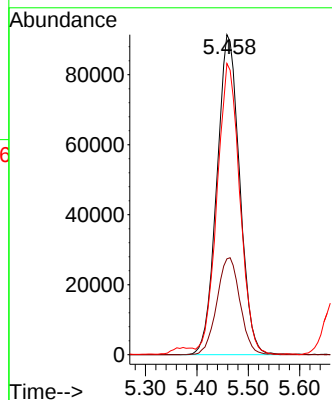
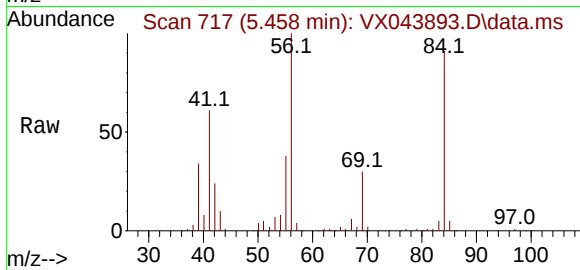
Tgt Ion: 56 Resp: 281866

Ion Ratio Lower Upper

56 100

69 30.7 25.1 37.7

84 90.5 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 101.599 ug/L

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

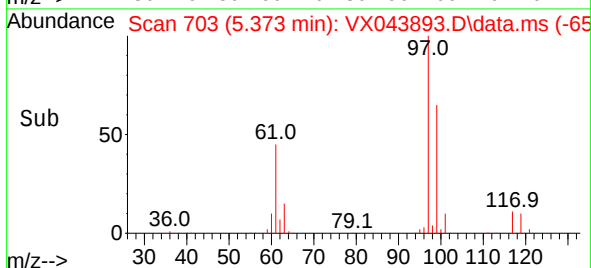
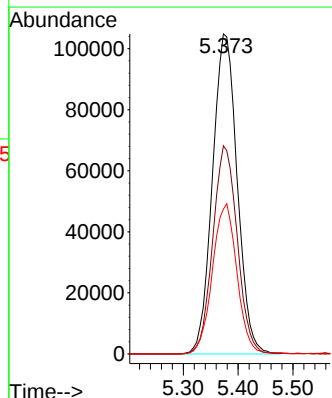
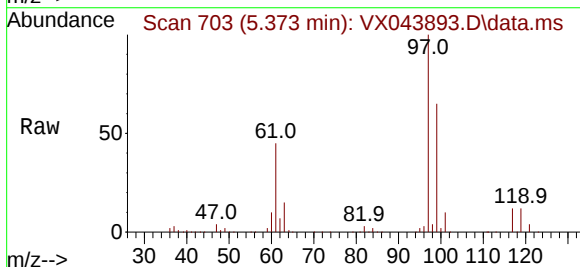
Tgt Ion: 97 Resp: 329014

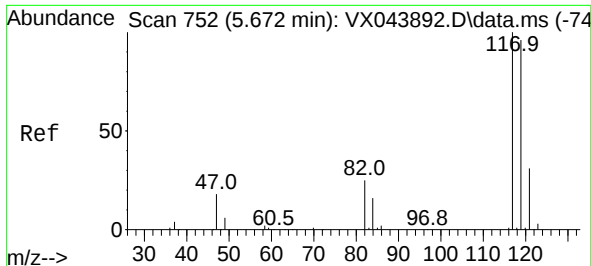
Ion Ratio Lower Upper

97 100

99 64.3 52.2 78.2

61 46.4 32.8 49.2

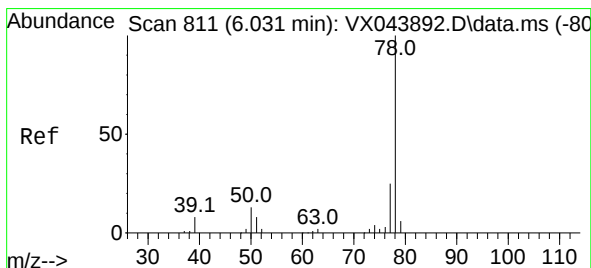
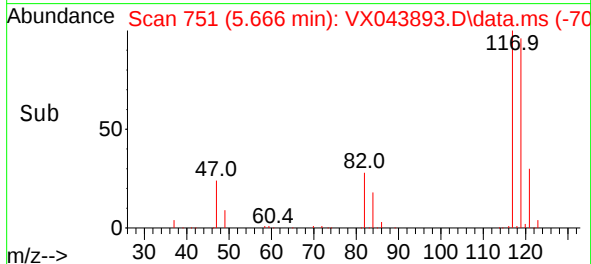
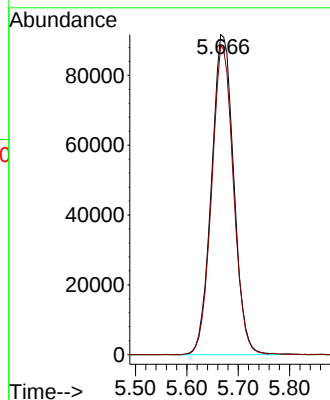
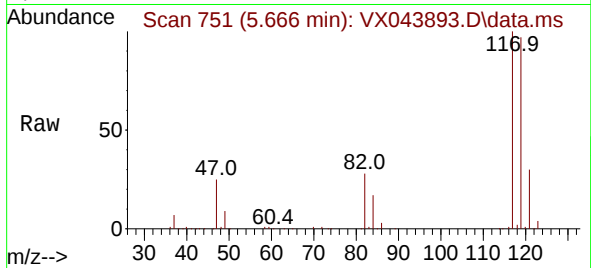




#31
Carbon tetrachloride
Concen: 104.974 ug/L
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

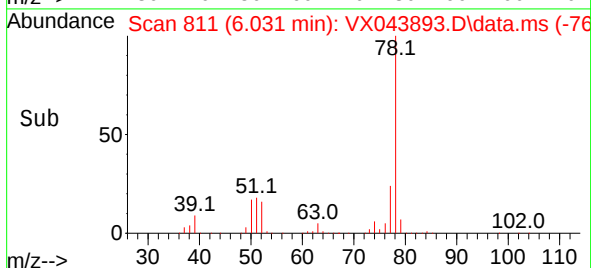
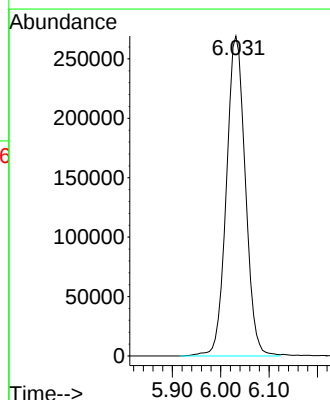
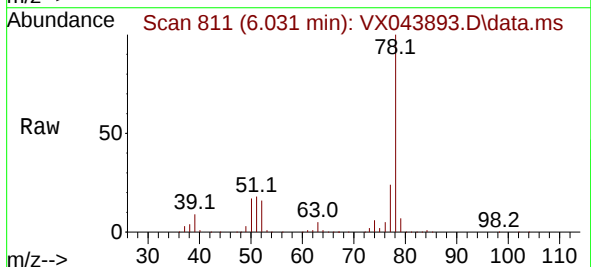
Instrument :
MSVOA_X
ClientSampleId :

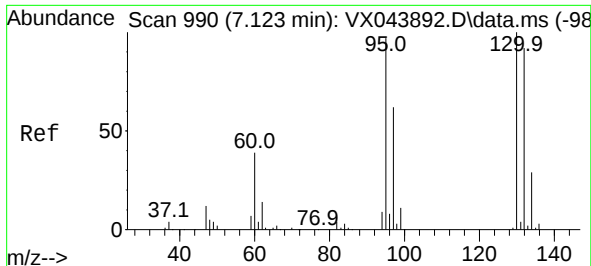
Tgt Ion:117 Resp: 275734
Ion Ratio Lower Upper
117 100
119 94.7 77.7 116.5



#33
Benzene
Concen: 93.271 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion: 78 Resp: 731772





#34

Trichloroethene

Concen: 92.525 ug/L

RT: 7.117 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 199219

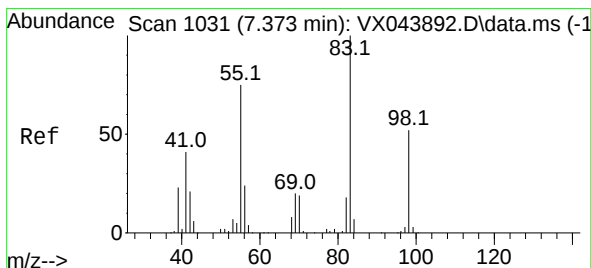
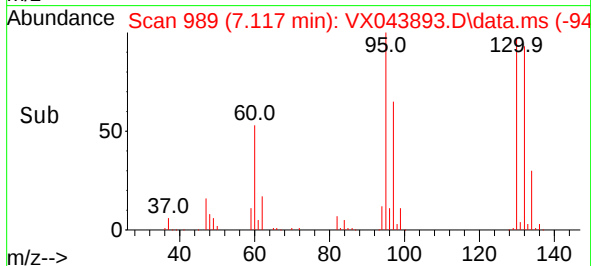
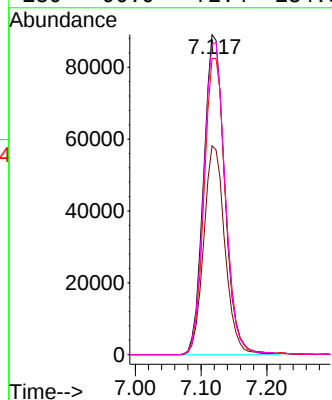
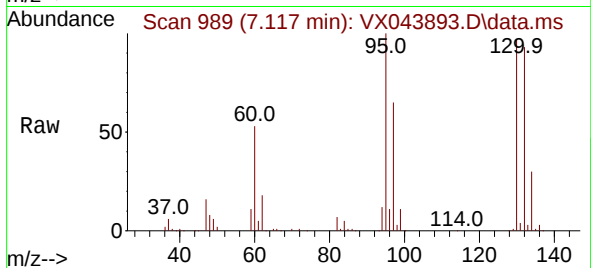
Ion Ratio Lower Upper

95 100

97 65.2 45.0 83.6

132 92.6 66.6 123.8

130 96.9 72.4 134.5



#35

Methylcyclohexane

Concen: 94.166 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

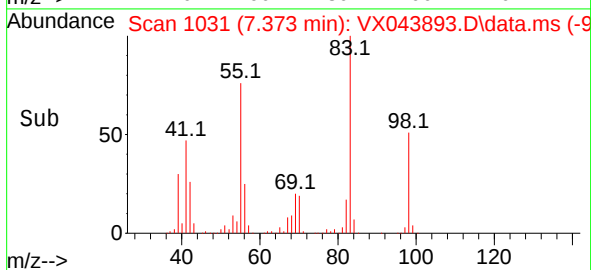
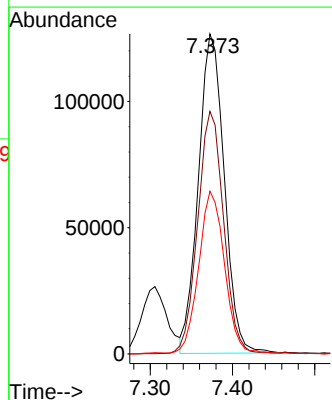
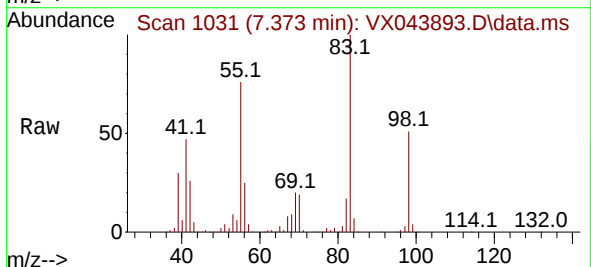
Tgt Ion: 83 Resp: 277207

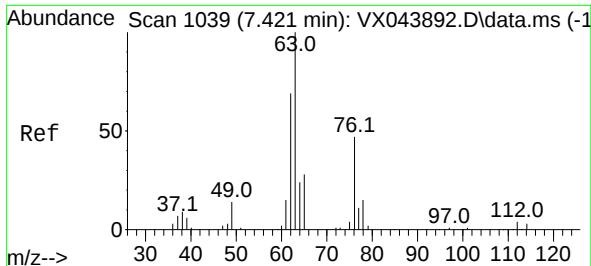
Ion Ratio Lower Upper

83 100

55 75.9 58.5 87.7

98 51.5 40.5 60.7

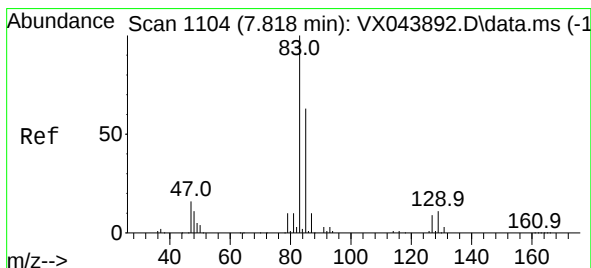
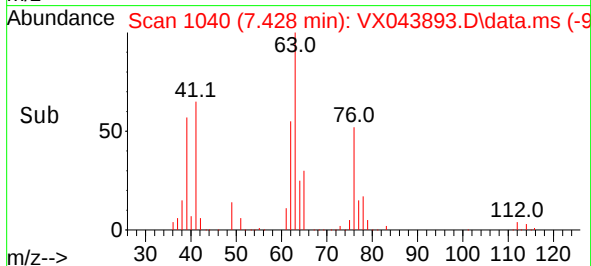
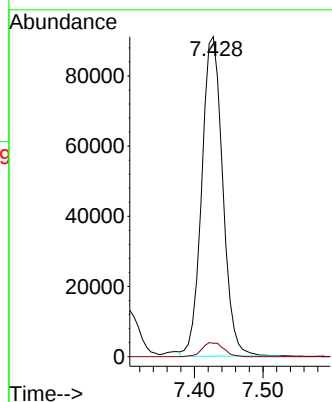
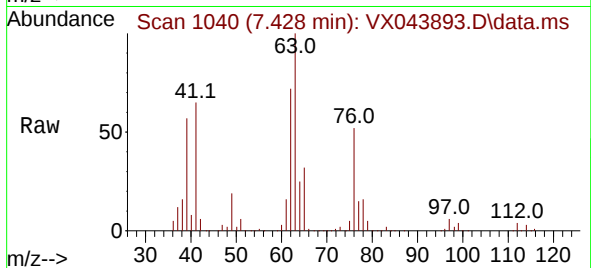




#37
1,2-Dichloropropane
Concen: 95.320 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

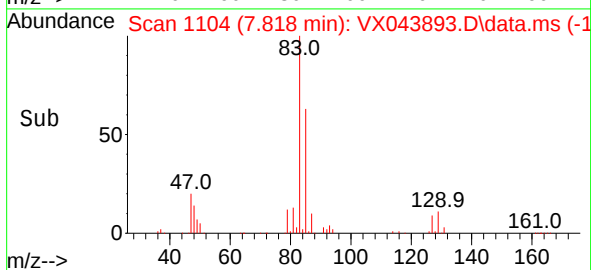
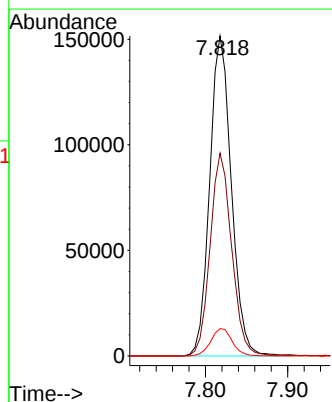
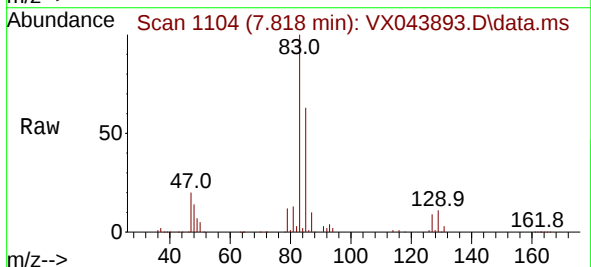
Instrument :
MSVOA_X
ClientSampleId :

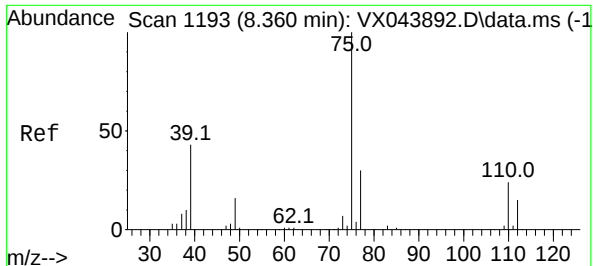
Tgt Ion: 63 Resp: 194086
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 108.647 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion: 83 Resp: 277442
Ion Ratio Lower Upper
83 100
85 63.3 44.1 81.9
127 8.6 7.0 10.4

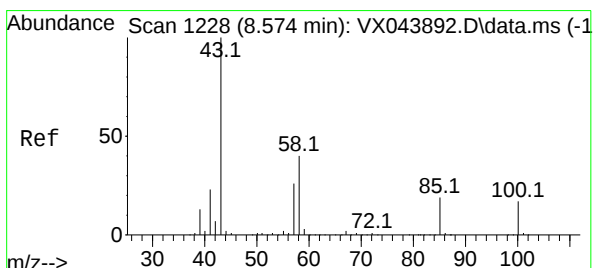
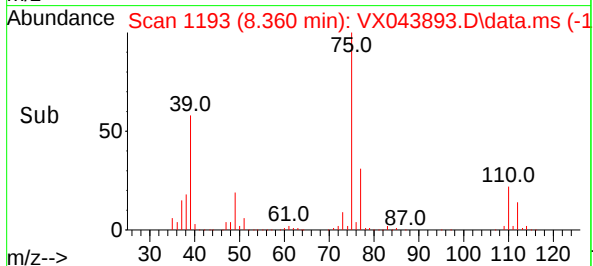
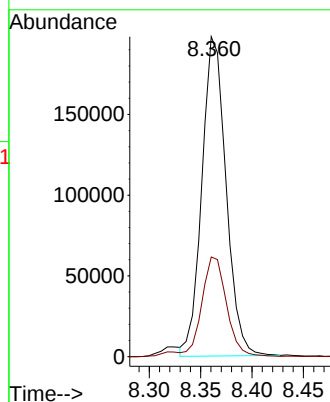
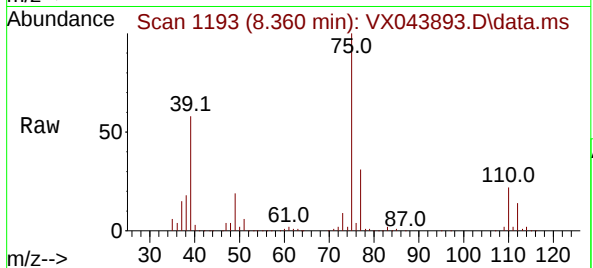




#39
cis-1,3-Dichloropropene
Concen: 101.085 ug/L
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

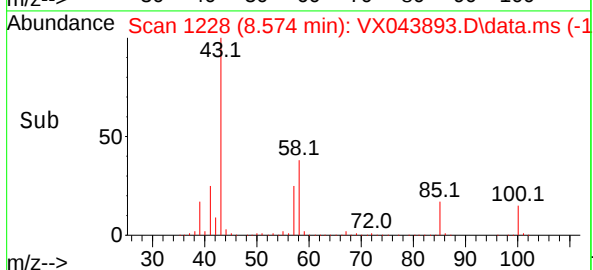
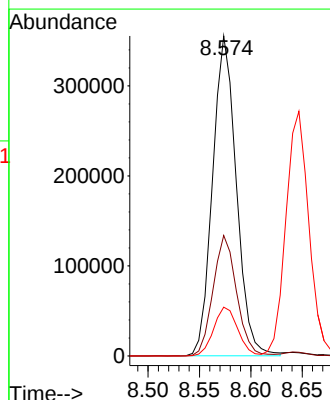
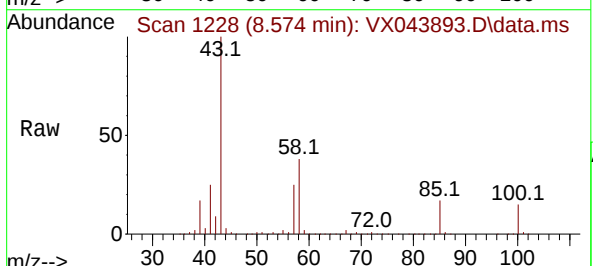
Instrument :
MSVOA_X
ClientSampleId :

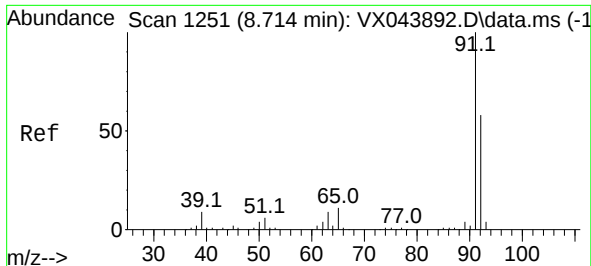
Tgt Ion: 75 Resp: 324340
Ion Ratio Lower Upper
75 100
77 31.2 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 205.231 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion: 43 Resp: 572103
Ion Ratio Lower Upper
43 100
58 37.3 32.4 48.6
100 15.5 13.7 20.5





#42

Toluene

Concen: 95.348 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Instrument :

MSVOA_X

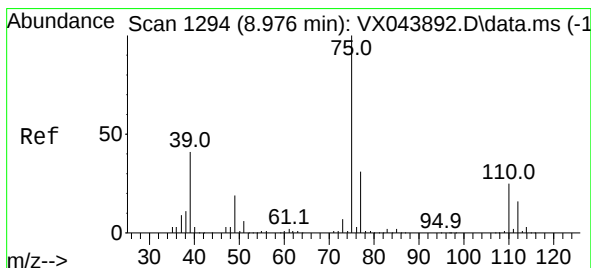
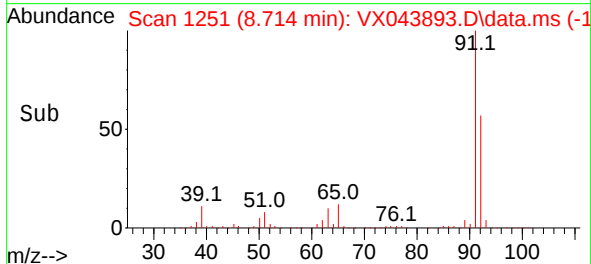
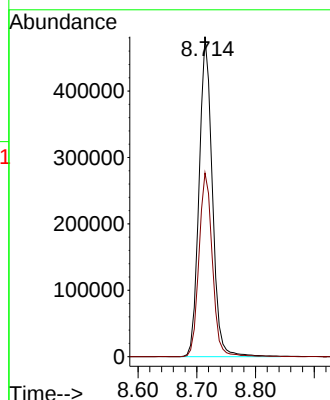
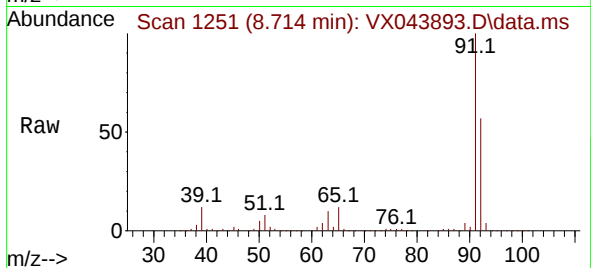
ClientSampleId :

Tgt Ion: 91 Resp: 753847

Ion Ratio Lower Upper

91 100

92 57.4 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 108.972 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043893.D

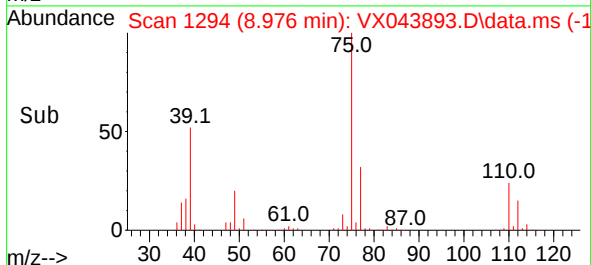
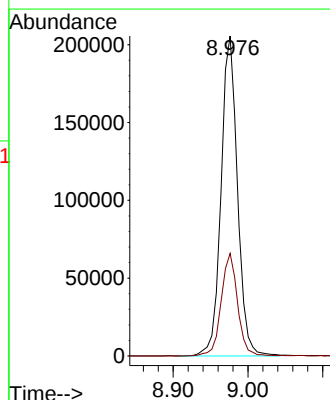
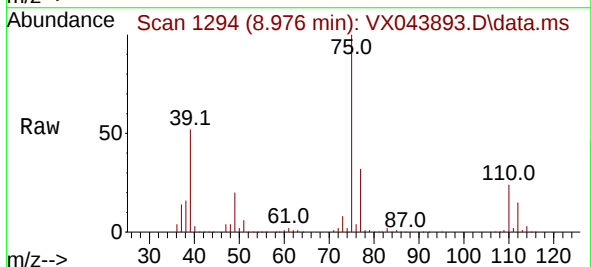
Acq: 19 Nov 2024 11:16

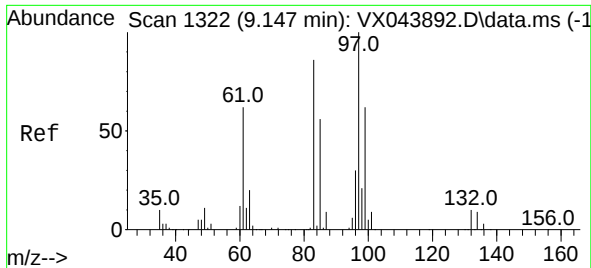
Tgt Ion: 75 Resp: 314284

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6

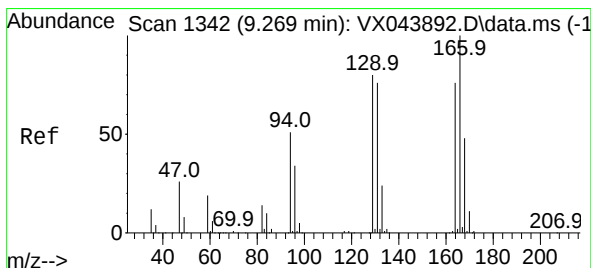
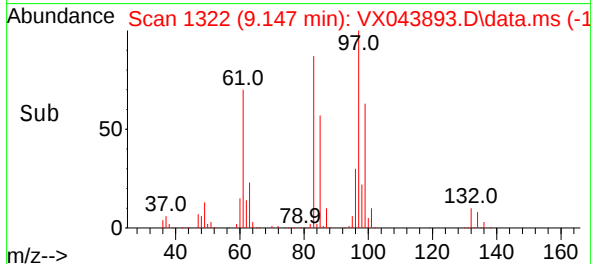
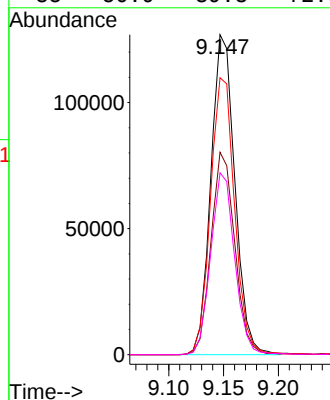
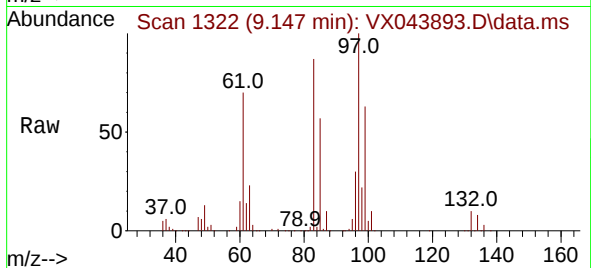




#45
1,1,2-Trichloroethane
Concen: 96.551 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

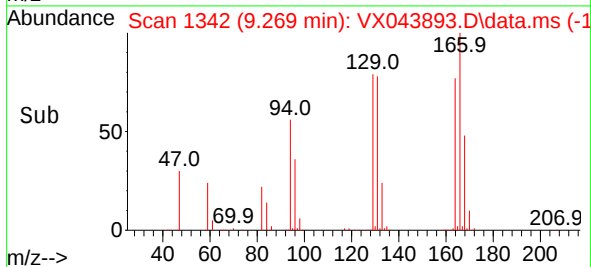
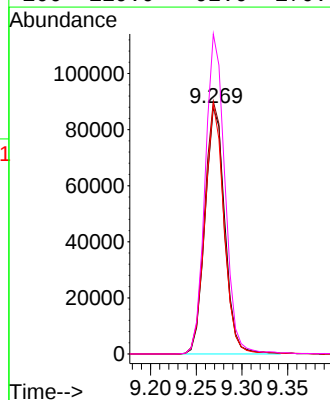
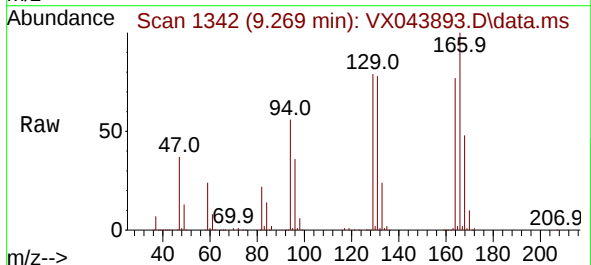
Instrument :
MSVOA_X
ClientSampleId :

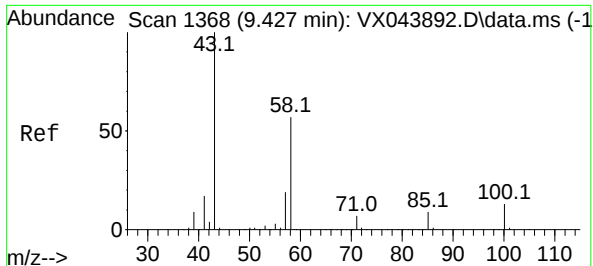
Tgt Ion:	97	Resp:	193327
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.4	80.6
83	86.5	60.2	111.8
85	56.9	39.3	72.9



#46
Tetrachloroethene
Concen: 93.816 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

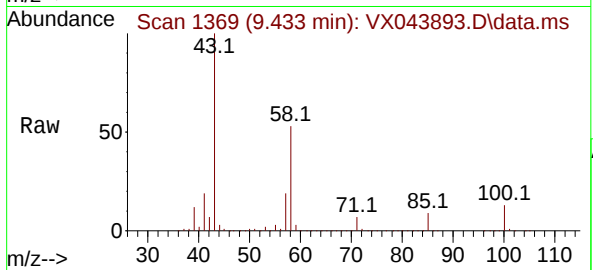
Tgt Ion:	164	Resp:	131622
Ion	Ratio	Lower	Upper
164	100		
129	102.5	73.6	136.6
131	101.6	70.2	130.4
166	129.9	92.0	170.8



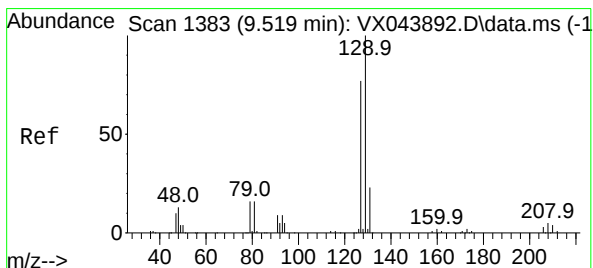
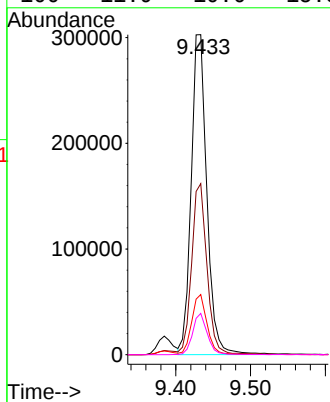
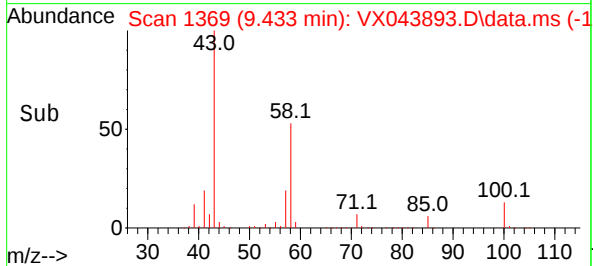


#48
2-Hexanone
Concen: 209.799 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Instrument :
MSVOA_X
ClientSampleId :

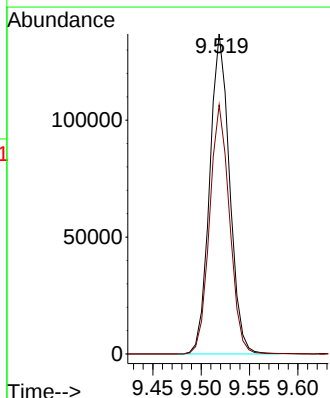
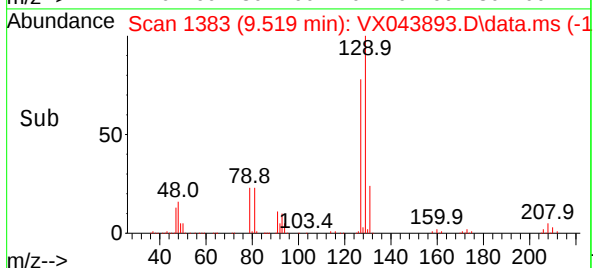
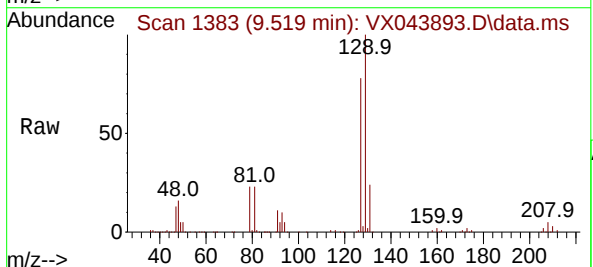


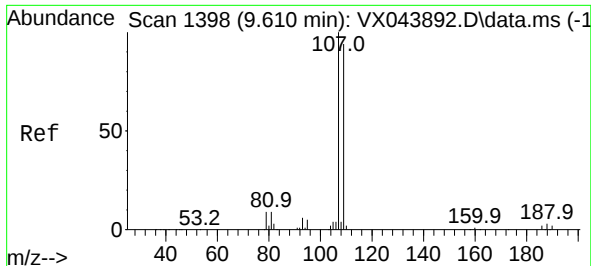
Tgt Ion: 43 Resp: 441432
Ion Ratio Lower Upper
43 100
58 50.9 45.4 68.2
57 18.4 15.4 23.0
100 11.9 10.6 15.8



#49
Dibromochloromethane
Concen: 105.857 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion: 129 Resp: 195941
Ion Ratio Lower Upper
129 100
127 77.9 53.5 99.5

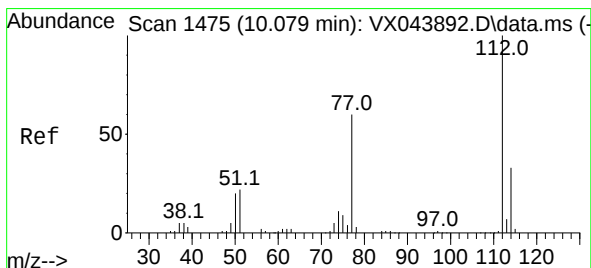
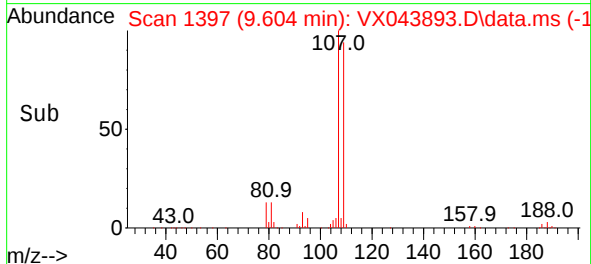
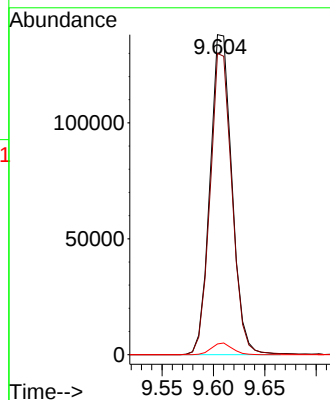
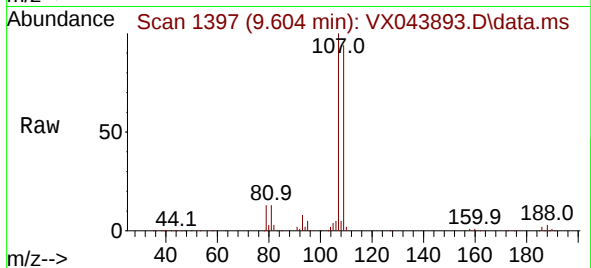




#50
1,2-Dibromoethane
Concen: 97.326 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

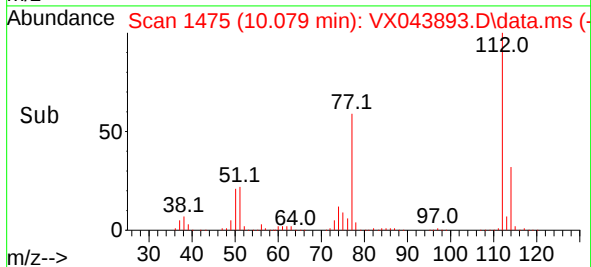
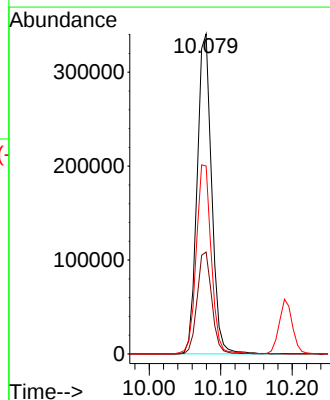
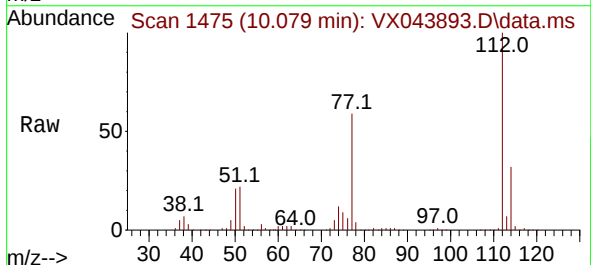
Instrument :
MSVOA_X
ClientSampleId :

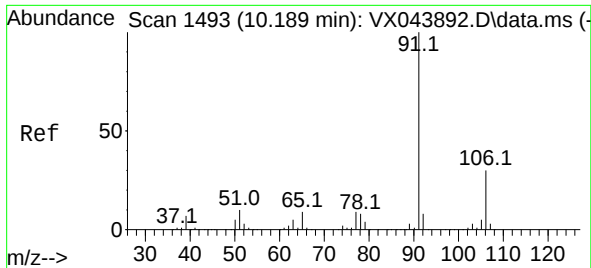
Tgt Ion:107 Resp: 205274
Ion Ratio Lower Upper
107 100
109 94.1 65.5 121.7
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 97.666 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion:112 Resp: 478979
Ion Ratio Lower Upper
112 100
114 31.9 22.9 42.5
77 58.8 48.0 72.0

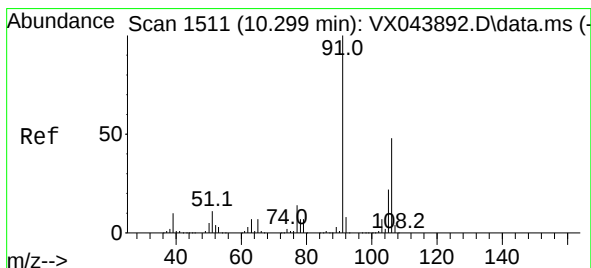
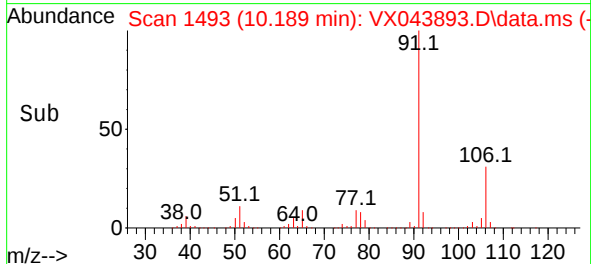
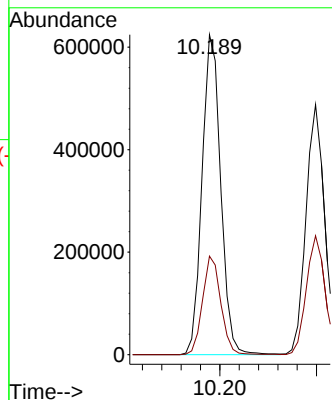
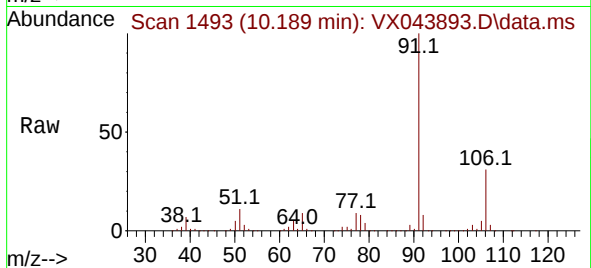




#52
Ethylbenzene
Concen: 100.612 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

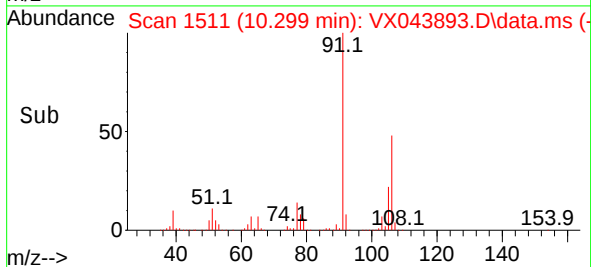
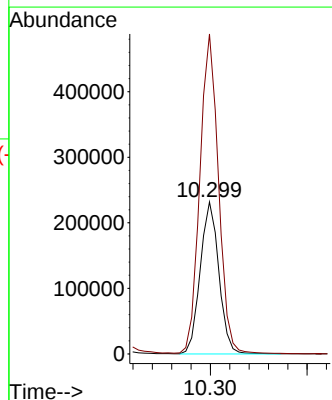
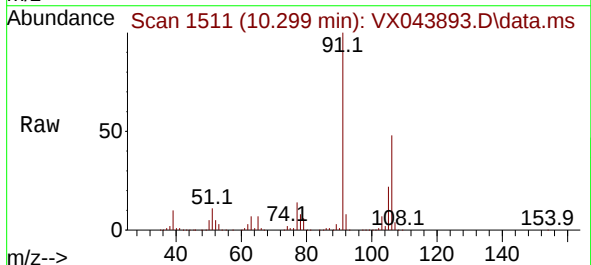
Instrument :
MSVOA_X
ClientSampleId :

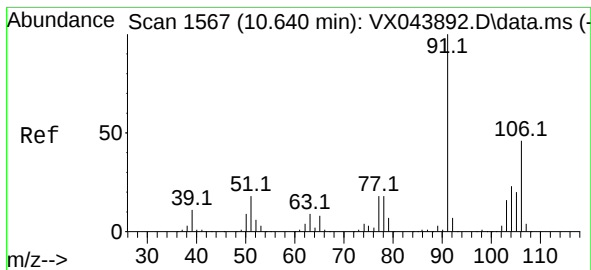
Tgt Ion: 91 Resp: 838464
Ion Ratio Lower Upper
91 100
106 30.8 21.1 39.1



#53
m,p-Xylene
Concen: 100.616 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion:106 Resp: 311427
Ion Ratio Lower Upper
106 100
91 210.4 147.5 273.9

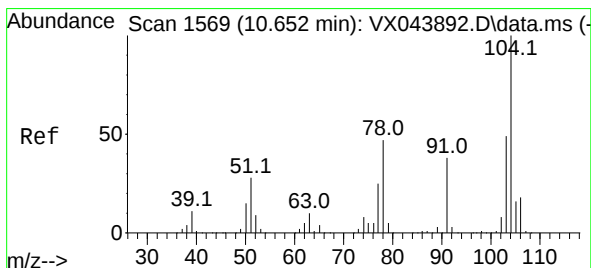
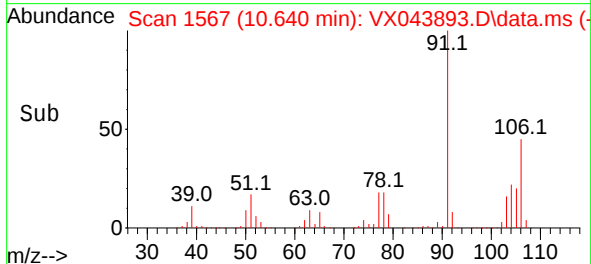
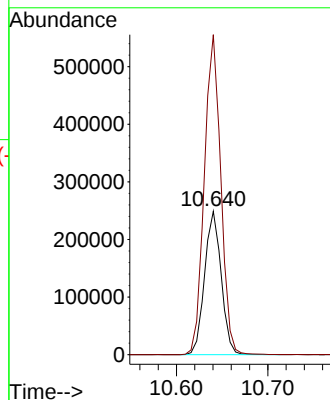
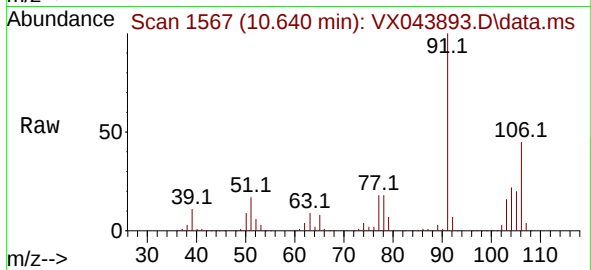




#54
o-Xylene
Concen: 100.493 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

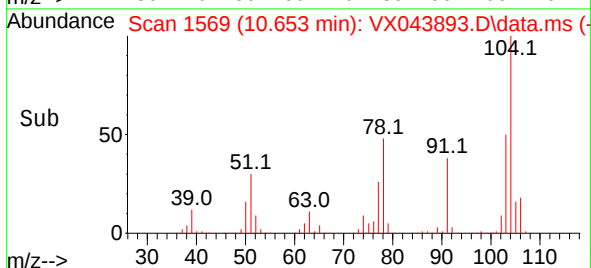
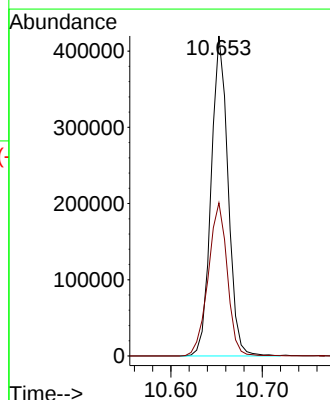
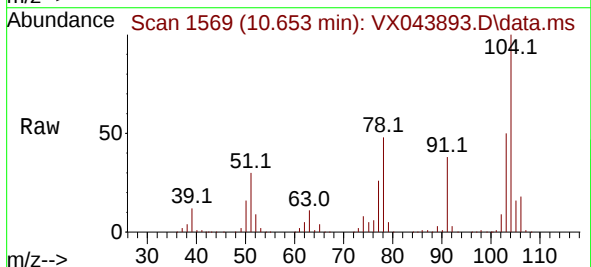
Instrument :
MSVOA_X
ClientSampleId :

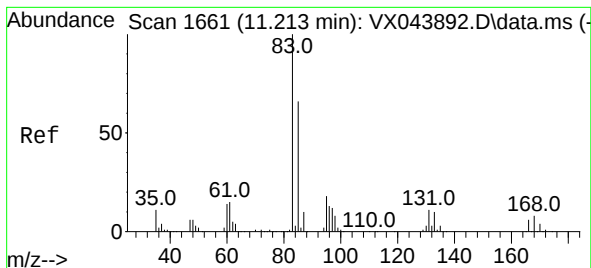
Tgt Ion:106 Resp: 313161
Ion Ratio Lower Upper
106 100
91 223.1 153.7 285.5



#55
Styrene
Concen: 104.427 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion:104 Resp: 538689
Ion Ratio Lower Upper
104 100
78 47.9 32.8 60.8





#57

1,1,2-Tetrachloroethane

Concen: 103.069 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Instrument :

MSVOA_X

ClientSampleId :

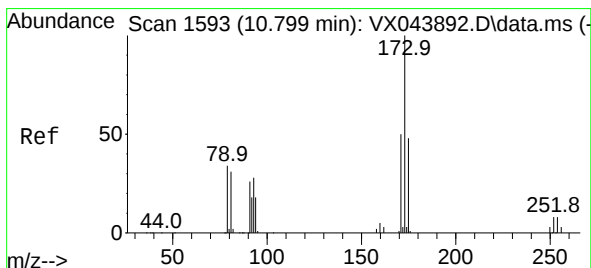
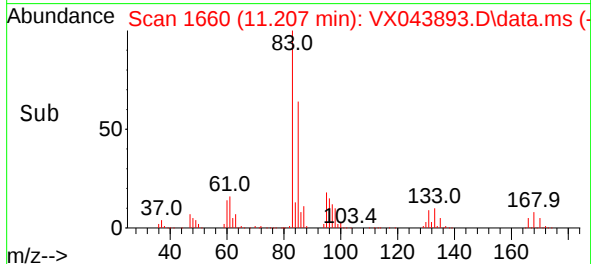
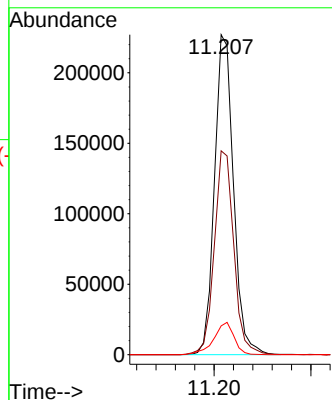
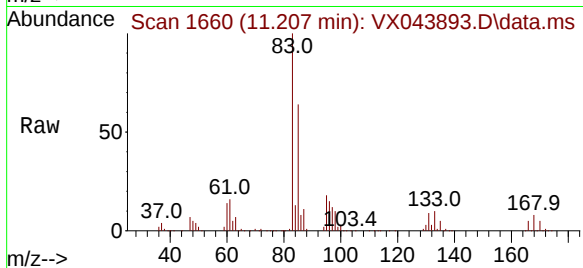
Tgt Ion: 83 Resp: 308919

Ion Ratio Lower Upper

83 100

85 63.7 46.0 85.4

131 9.0 8.8 13.2



#59

Bromoform

Concen: 102.373 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

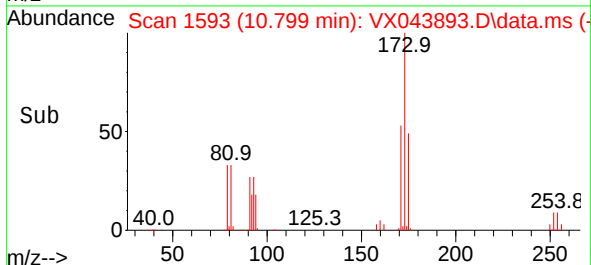
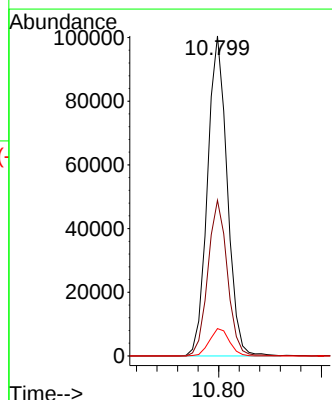
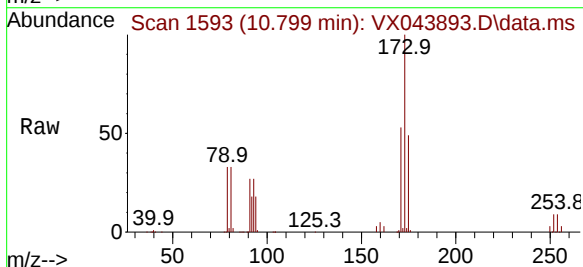
Tgt Ion:173 Resp: 133635

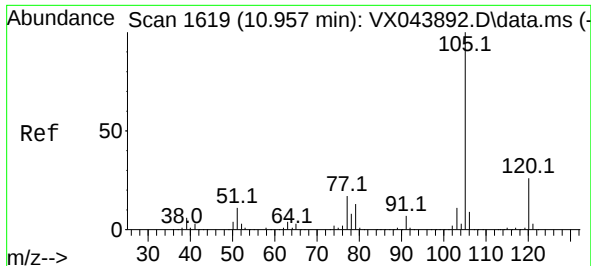
Ion Ratio Lower Upper

173 100

175 48.0 40.0 60.0

254 8.6 6.3 9.5

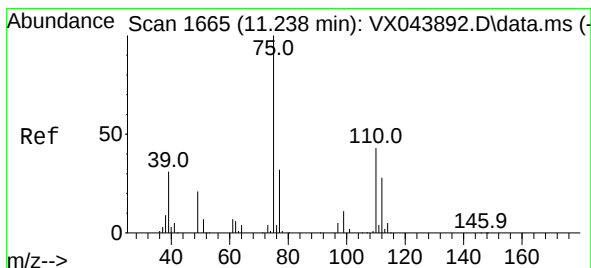
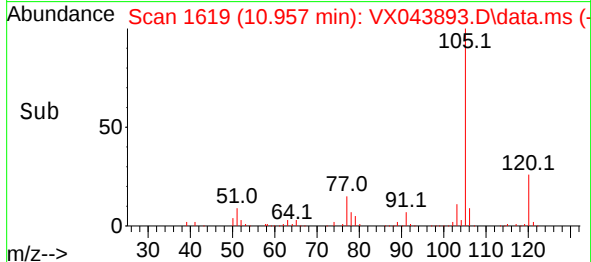
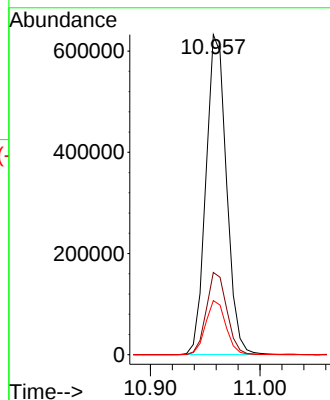
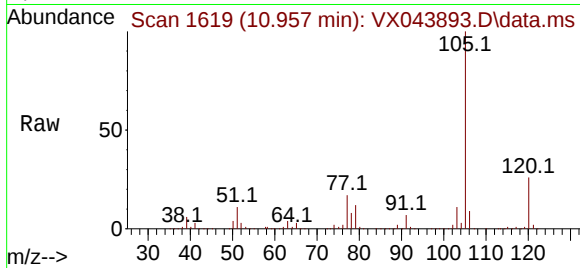




#60
Isopropylbenzene
Concen: 89.736 ug/L
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

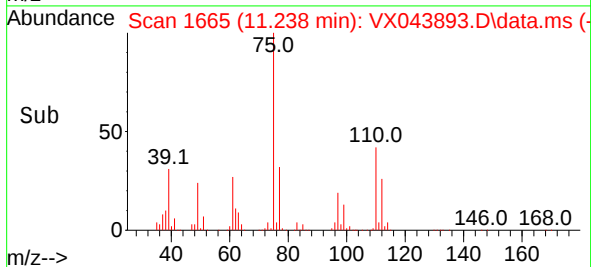
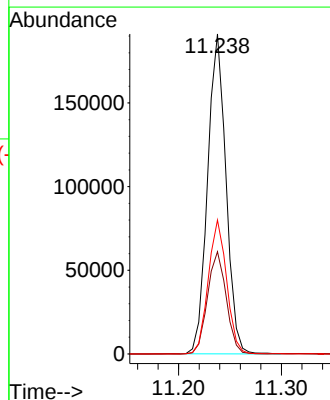
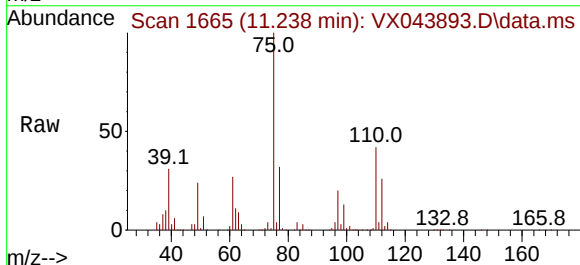
Instrument :
MSVOA_X
ClientSampleId :

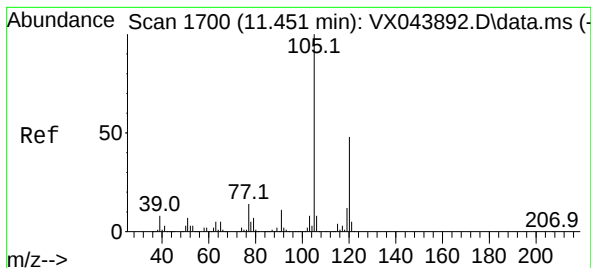
Tgt Ion:105 Resp: 823868
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 89.635 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion: 75 Resp: 237936
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
110 41.9 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 95.376 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Instrument :

MSVOA_X

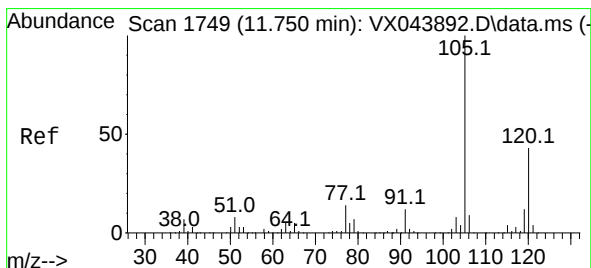
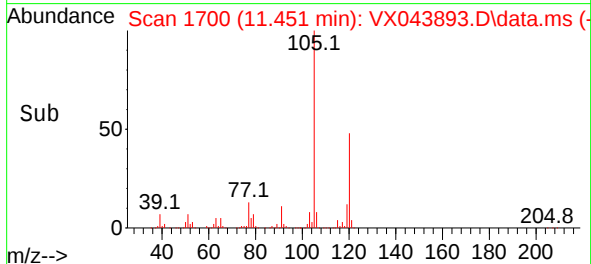
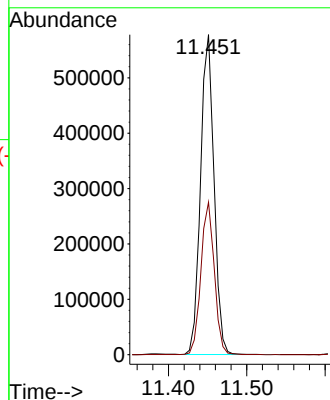
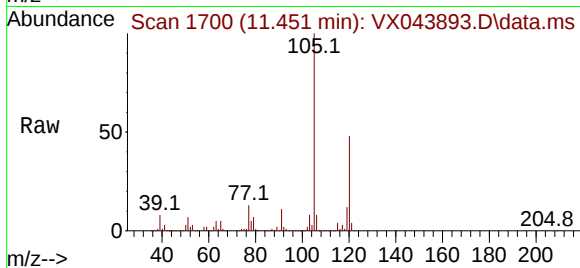
ClientSampleId :

Tgt Ion:105 Resp: 691807

Ion Ratio Lower Upper

105 100

120 47.2 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 96.171 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043893.D

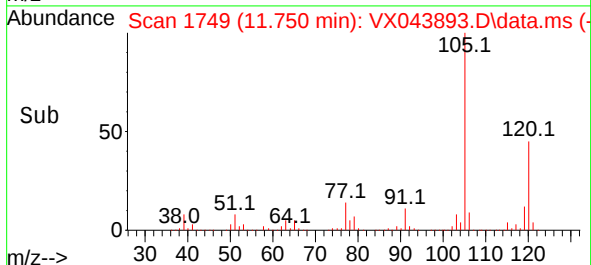
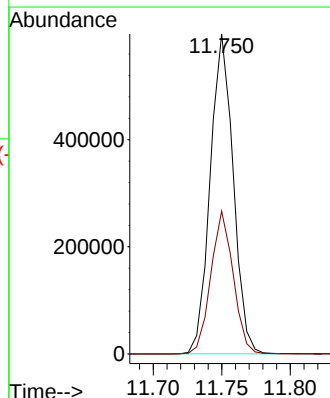
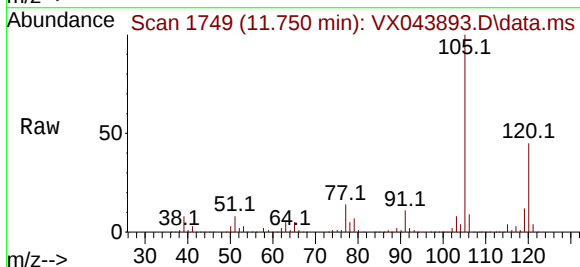
Acq: 19 Nov 2024 11:16

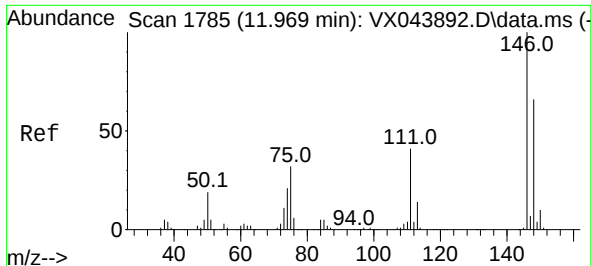
Tgt Ion:105 Resp: 695526

Ion Ratio Lower Upper

105 100

120 43.5 34.5 51.7

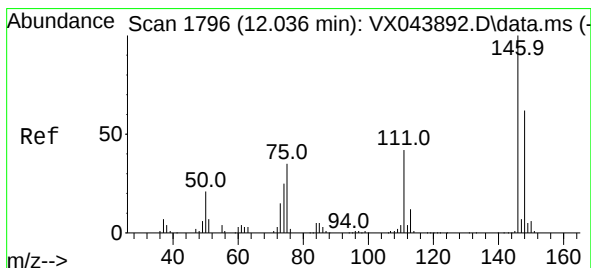
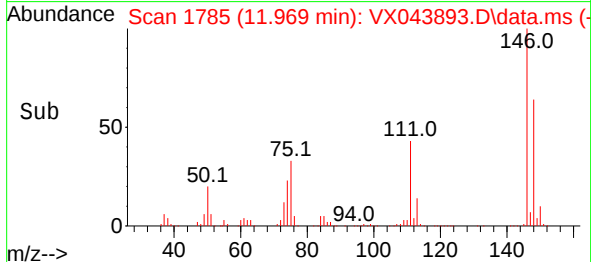
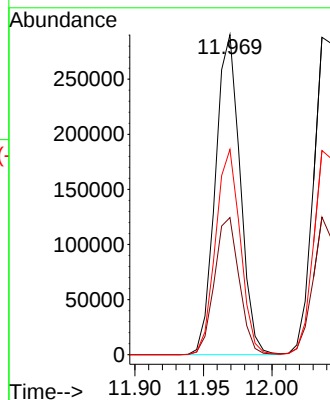
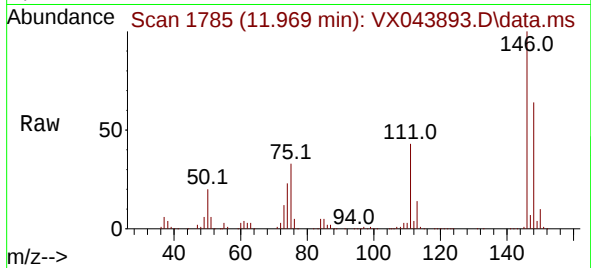




#64
1,3-Dichlorobenzene
Concen: 94.808 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

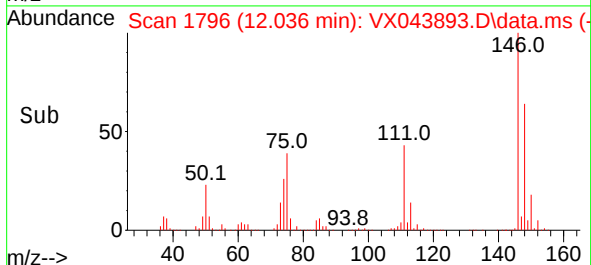
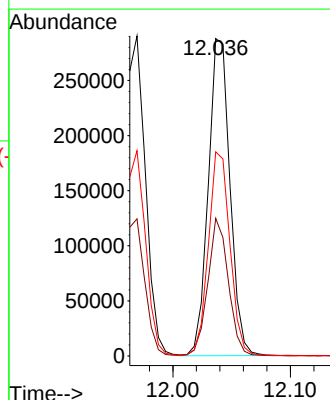
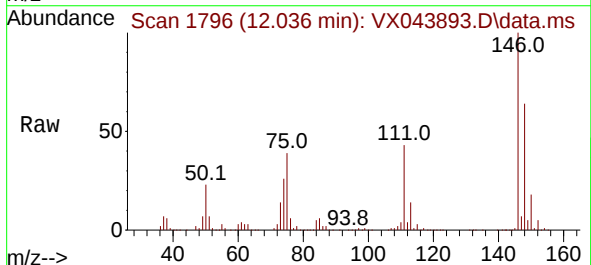
Instrument :
MSVOA_X
ClientSampleId :

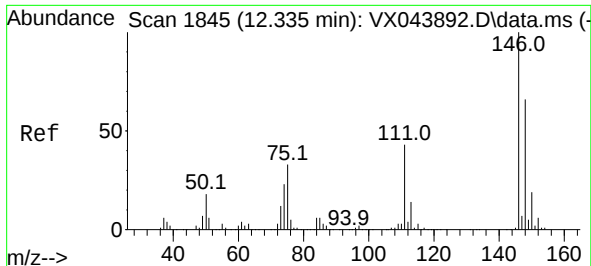
Tgt Ion:146 Resp: 365193
Ion Ratio Lower Upper
146 100
111 42.8 28.8 53.4
148 64.1 46.1 85.5



#65
1,4-Dichlorobenzene
Concen: 96.309 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX043893.D
Acq: 19 Nov 2024 11:16

Tgt Ion:146 Resp: 368373
Ion Ratio Lower Upper
146 100
111 43.3 29.5 54.7
148 64.3 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 94.068 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Instrument :

MSVOA_X

ClientSampleId :

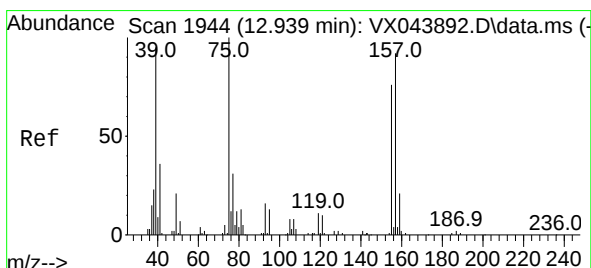
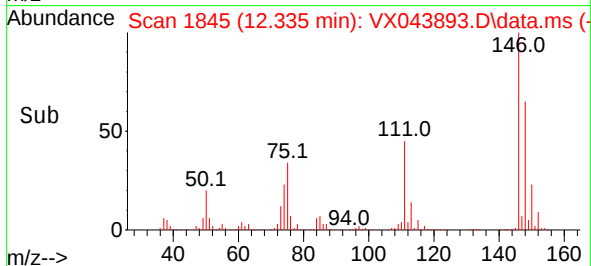
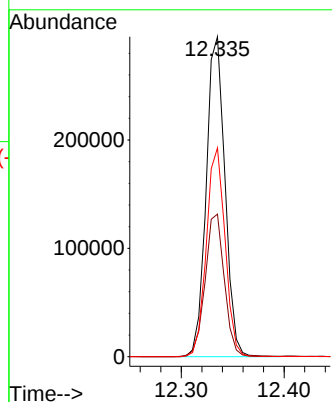
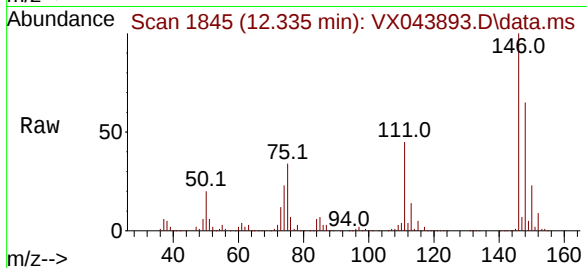
Tgt Ion:146 Resp: 375162

Ion Ratio Lower Upper

146 100

111 44.6 34.3 51.5

148 65.3 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 105.712 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

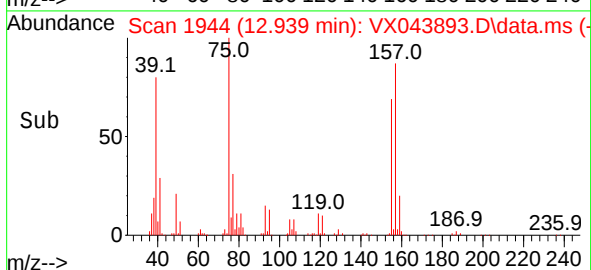
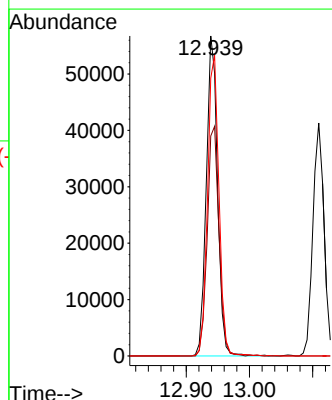
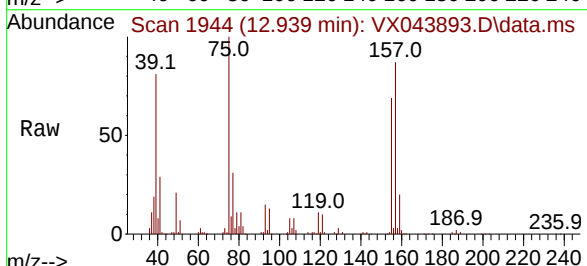
Tgt Ion: 75 Resp: 70230

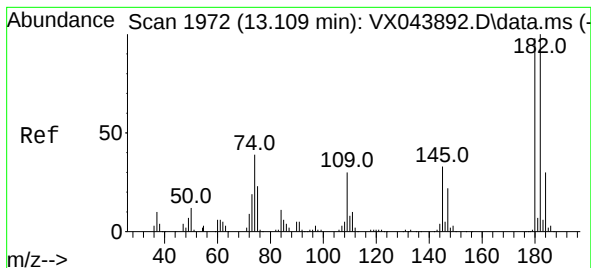
Ion Ratio Lower Upper

75 100

155 68.8 60.5 90.7

157 86.8 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 96.412 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 239629

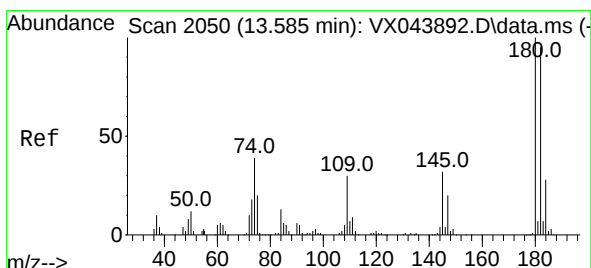
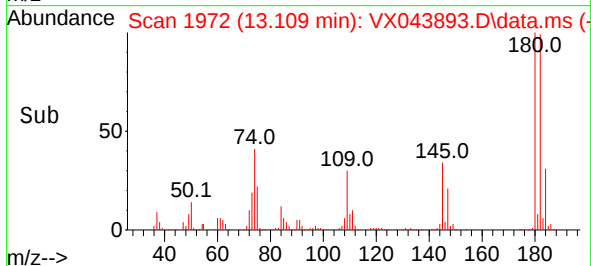
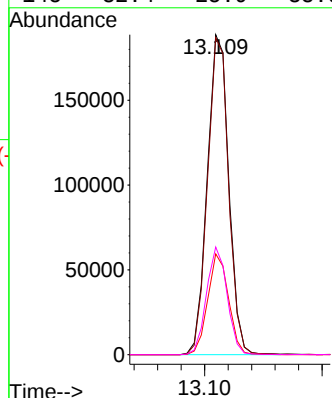
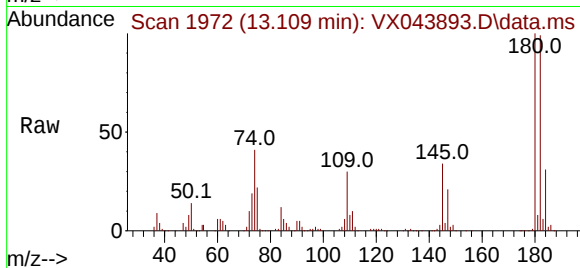
Ion Ratio Lower Upper

180 100

182 97.2 76.7 115.1

184 30.5 24.2 36.4

145 32.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 98.768 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

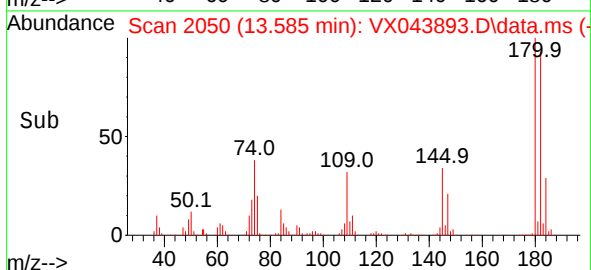
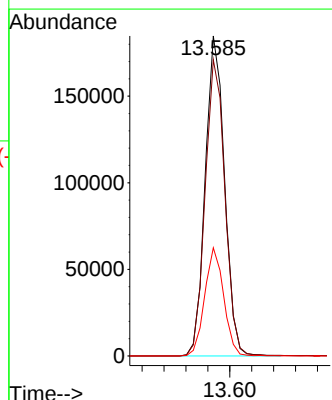
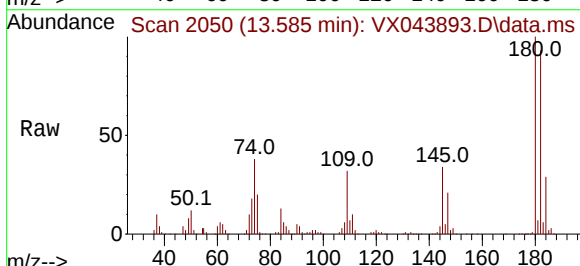
Tgt Ion:180 Resp: 226347

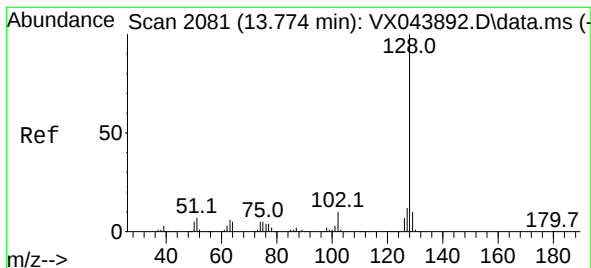
Ion Ratio Lower Upper

180 100

182 94.4 74.1 111.1

145 33.2 25.3 37.9





#71

Naphthalene

Concen: 99.875 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Instrument :

MSVOA_X

ClientSampleId :

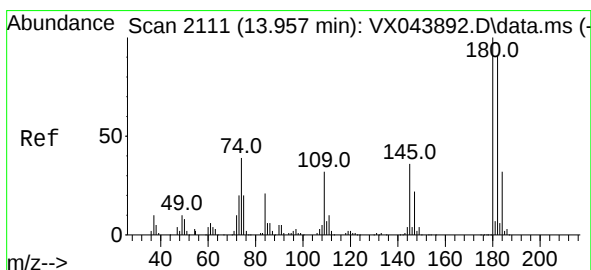
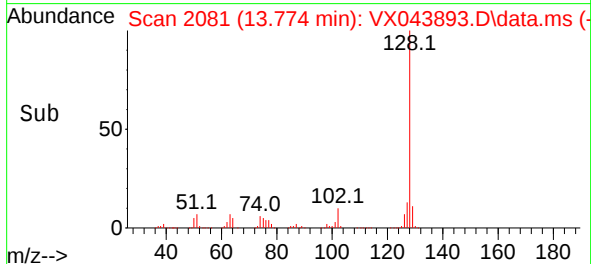
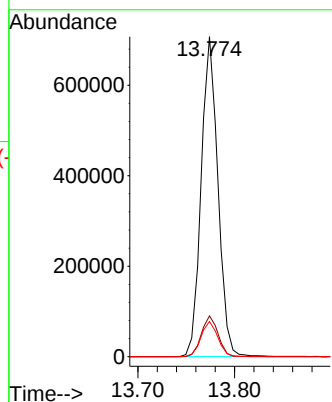
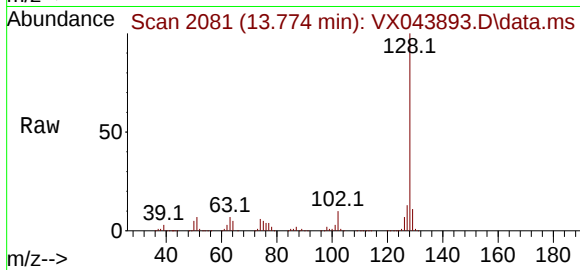
Tgt Ion:128 Resp: 851453

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 100.137 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX043893.D

Acq: 19 Nov 2024 11:16

Tgt Ion:180 Resp: 231226

Ion Ratio Lower Upper

180 100

182 94.6 73.8 110.6

145 34.6 27.4 41.2

