

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111224\
 Data File : VX043820.D
 Acq On : 12 Nov 2024 18:59
 Operator : JC/MD
 Sample : P4786-17MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E27P5MSD

Quant Time: Nov 13 02:09:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 13 02:04:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	261774	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	118193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58855	42.203	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.400%		
7) Chloroethane-d5	1.642	69	36797	61.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	122.780%		
11) 1,1-Dichloroethene-d2	2.294	65	28656	44.512	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.020%		
21) 2-Butanone-d5	4.465	46	86290	94.503	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.500%		
24) Chloroform-d	5.056	84	150775	50.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.300%		
26) 1,2-Dichloroethane-d4	5.952	65	91017	47.657	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
32) Benzene-d6	5.970	84	284275	47.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.240%		
36) 1,2-Dichloropropane-d6	7.306	67	85459	46.558	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.120%		
41) Toluene-d8	8.647	98	261537	47.720	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.440%		
43) trans-1,3-Dichloroprop...	8.952	79	40392	46.014	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.020%		
47) 2-Hexanone-d5	9.384	63	69689	95.935	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.940%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128631	54.618	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.240%		
66) 1,2-Dichlorobenzene-d4	12.317	152	108150	52.812	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	77863	42.233	ug/L	99
3) Chloromethane	1.294	50	69594	38.842	ug/L	99
5) Vinyl chloride	1.374	62	75277	42.891	ug/L	99
6) Bromomethane	1.593	94	39573	58.187	ug/L	99
8) Chloroethane	1.660	64	36411	58.966	ug/L	98
9) Trichlorofluoromethane	1.867	101	122849	55.158	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	77067	50.382	ug/L	96
12) 1,1-Dichloroethene	2.306	96	70882	50.761	ug/L	79
13) Acetone	2.386	43	59885	70.516	ug/L	99
14) Carbon disulfide	2.501	76	121992	39.519	ug/L	99
15) Methyl Acetate	2.709	43	64080	35.684	ug/L #	89
16) Methylene chloride	2.782	84	75792	44.926	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	71350	47.494	ug/L	87
18) Methyl tert-butyl Ether	3.117	73	257507	45.090	ug/L	98
19) 1,1-Dichloroethane	3.605	63	130984	44.277	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	87706	47.004	ug/L	94
22) 2-Butanone	4.562	43	89409	72.771	ug/L	92
23) Bromochloromethane	4.891	128	47419	50.556	ug/L	83
25) Chloroform	5.086	83	148846	46.889	ug/L	99

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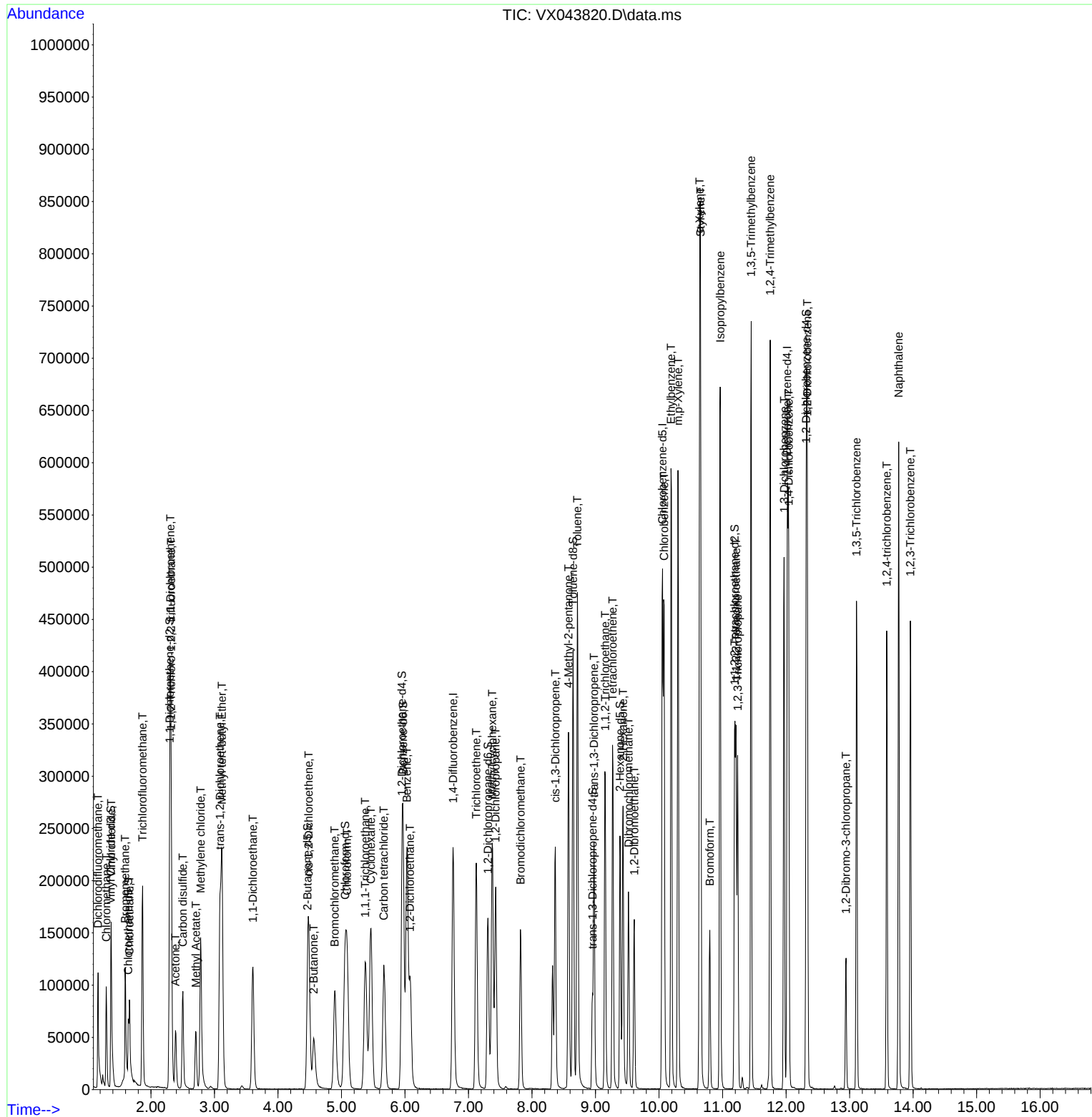
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	112132	45.714	ug/L	98
29) Cyclohexane	5.464	56	106817	39.449	ug/L	91
30) 1,1,1-Trichloroethane	5.373	97	127838	45.222	ug/L	98
31) Carbon tetrachloride	5.666	117	109364	47.157	ug/L	99
33) Benzene	6.031	78	300029	45.107	ug/L	100
34) Trichloroethene	7.123	95	84785	47.413	ug/L	96
35) Methylcyclohexane	7.373	83	115958	43.403	ug/L	94
37) 1,2-Dichloropropane	7.427	63	78114	44.087	ug/L	97
38) Bromodichloromethane	7.818	83	99344	44.083	ug/L #	95
39) cis-1,3-Dichloropropene	8.366	75	122823	42.462	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	193913	80.409	ug/L	95
42) Toluene	8.714	91	321057	45.891	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	114994	43.599	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	87300	48.050	ug/L	95
46) Tetrachloroethene	9.269	164	64596	50.185	ug/L	96
48) 2-Hexanone	9.433	43	143995	79.880	ug/L #	96
49) Dibromochloromethane	9.519	129	84153	49.693	ug/L	100
50) 1,2-Dibromoethane	9.610	107	88483	47.167	ug/L #	94
51) Chlorobenzene	10.079	112	220228	48.166	ug/L	96
52) Ethylbenzene	10.189	91	355363	46.730	ug/L	97
53) m,p-Xylene	10.299	106	144882	49.355	ug/L	94
54) o-Xylene	10.640	106	144921	49.519	ug/L	97
55) Styrene	10.652	104	243639	50.046	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	129972	47.764	ug/L	99
59) Bromoform	10.799	173	57280	46.333	ug/L	98
60) Isopropylbenzene	10.963	105	374060	45.643	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	97510	42.503	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	316194	45.901	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	311702	45.446	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	174403	48.380	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	175218	48.258	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	178545	48.467	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	23128	40.259	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.109	180	114656	47.688	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	104162	47.249	ug/L	98
71) Naphthalene	13.774	128	383642	46.862	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	109456	48.041	ug/L	99

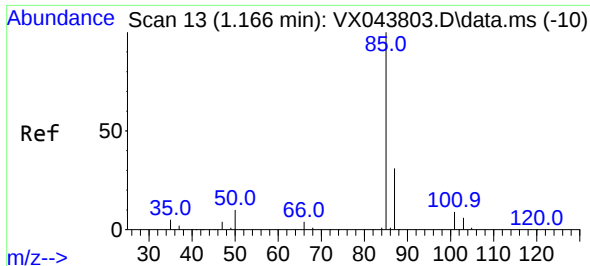
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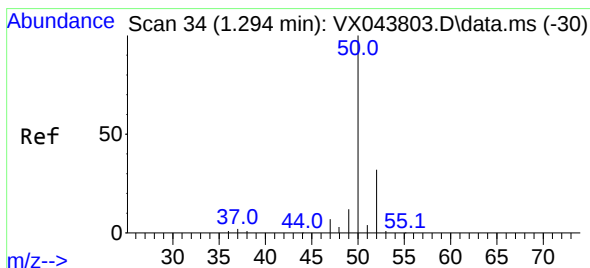
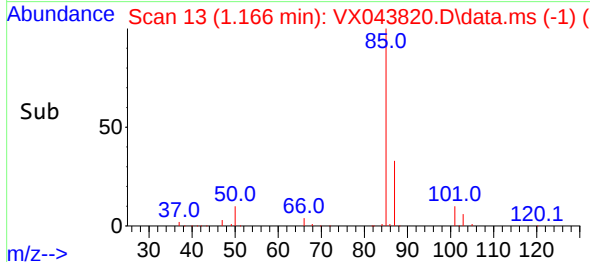
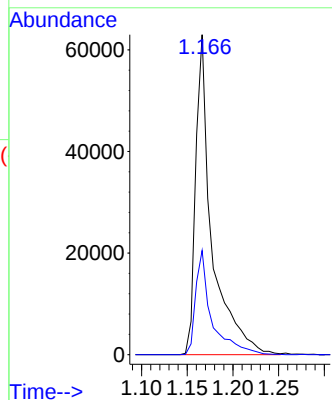
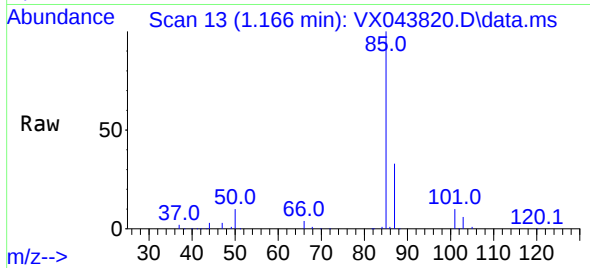




#2
Dichlorodifluoromethane
Concen: 42.233 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

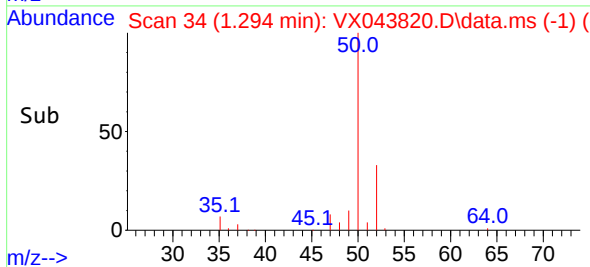
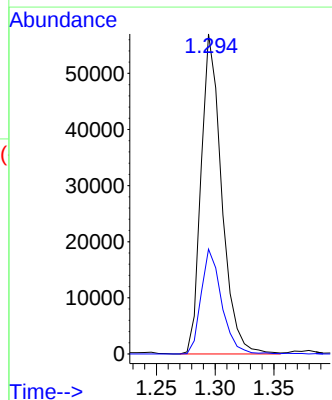
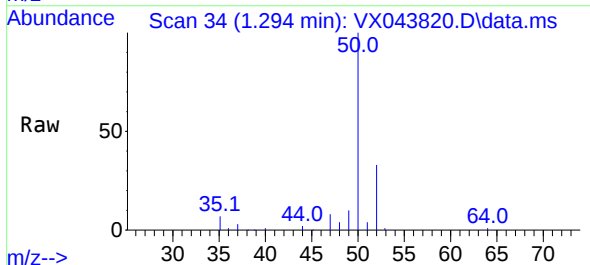
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

Tgt Ion: 85 Resp: 77863
Ion Ratio Lower Upper
85 100
87 32.3 25.6 38.4

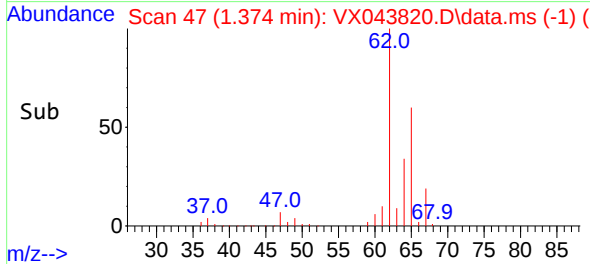
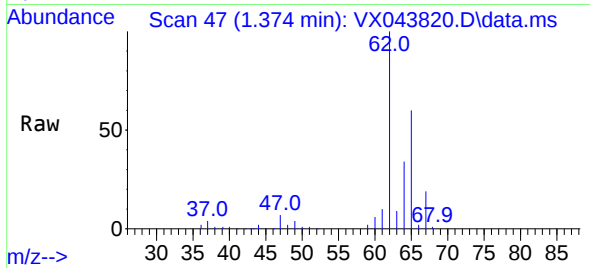
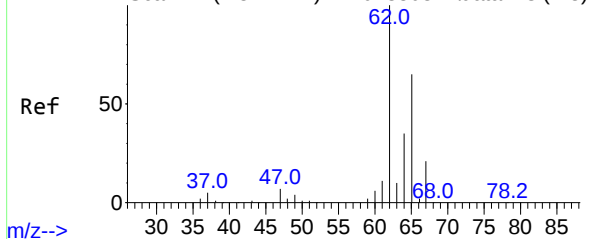


#3
Chloromethane
Concen: 38.842 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion: 50 Resp: 69594
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.4



Abundance Scan 47 (1.374 min): VX043803.D\data.ms (-43)



#5

Vinyl chloride

Concen: 42.891 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

Instrument :

MSVOA_X

ClientSampleId :

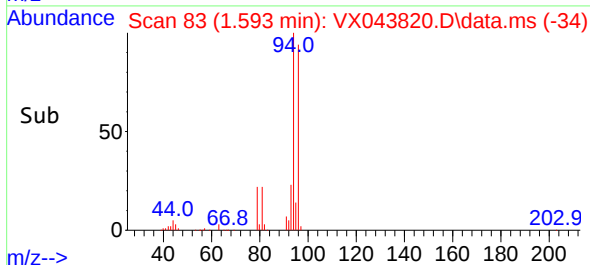
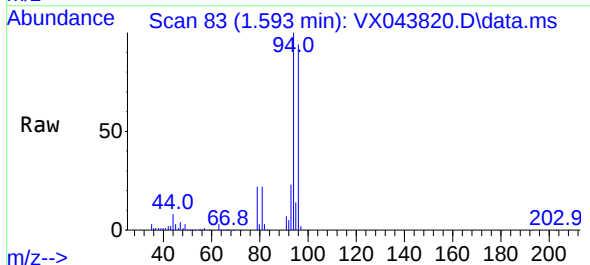
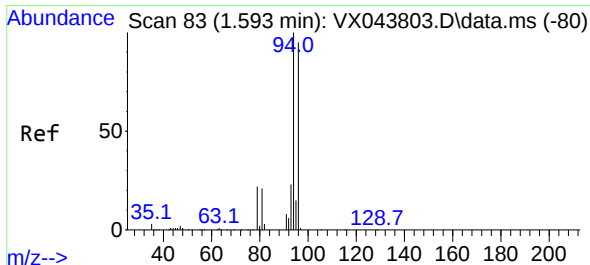
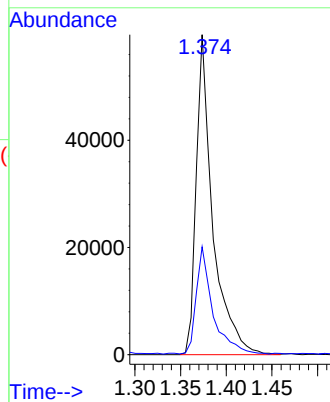
E27P5MSD

Tgt Ion: 62 Resp: 75277

Ion Ratio Lower Upper

62 100

64 33.7 24.0 44.6



#6

Bromomethane

Concen: 58.187 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX043820.D

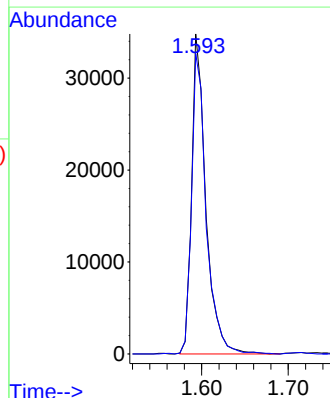
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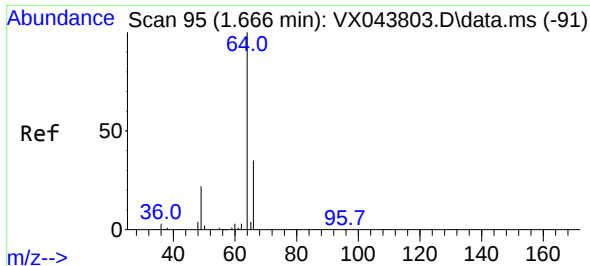
Tgt Ion: 94 Resp: 39573

Ion Ratio Lower Upper

94 100

96 93.8 65.0 120.8

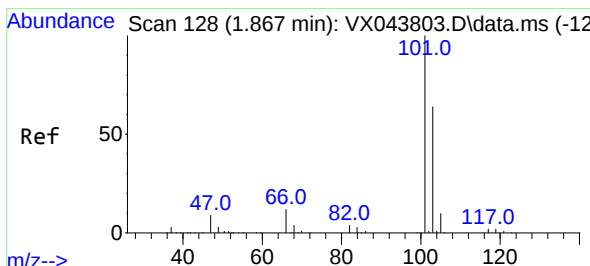
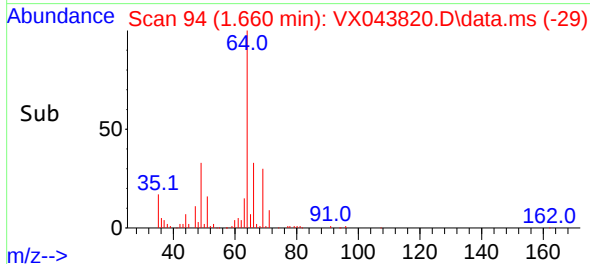
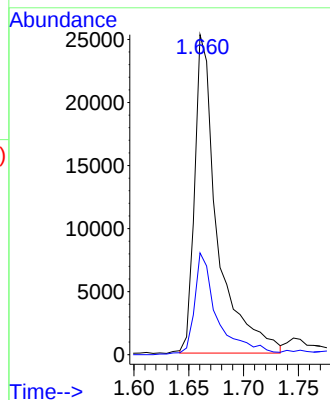
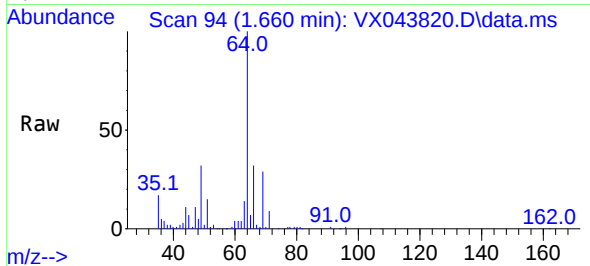




#8
Chloroethane
Concen: 58.966 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

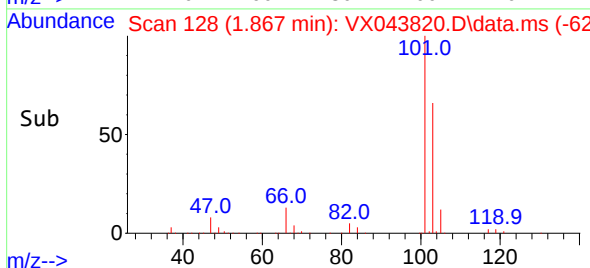
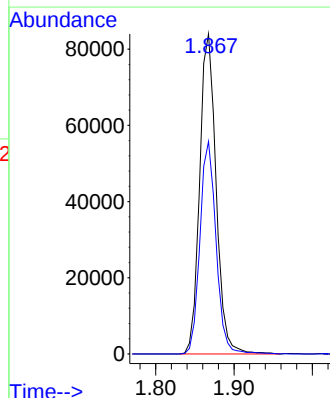
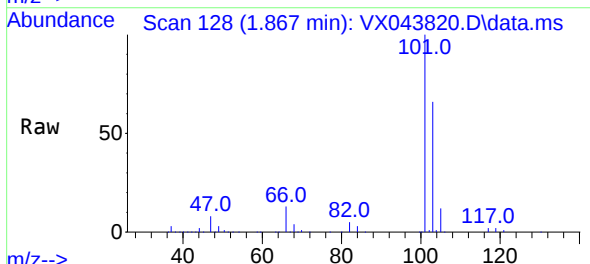
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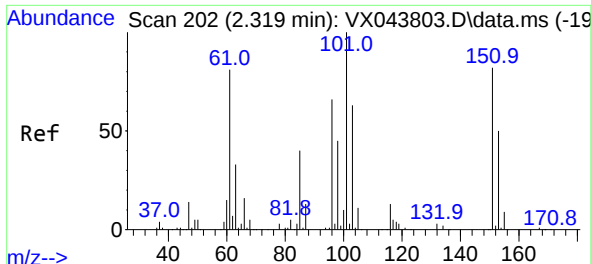
Tgt Ion: 64 Resp: 36411
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 55.158 ug/L
RT: 1.867 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion:101 Resp: 122849
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4

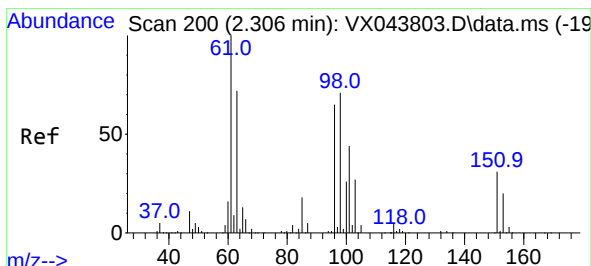
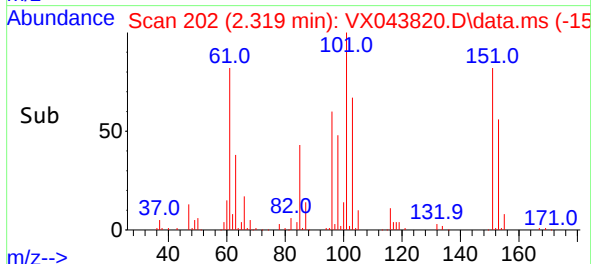
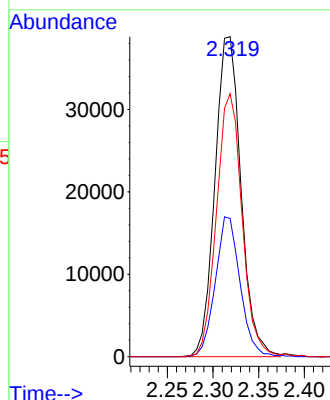
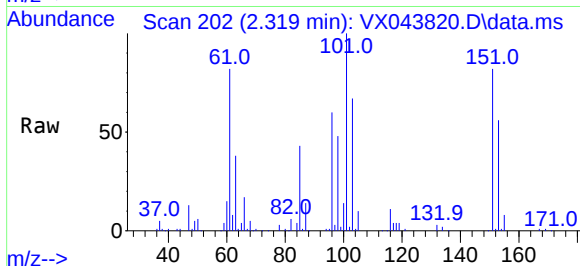




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.382 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

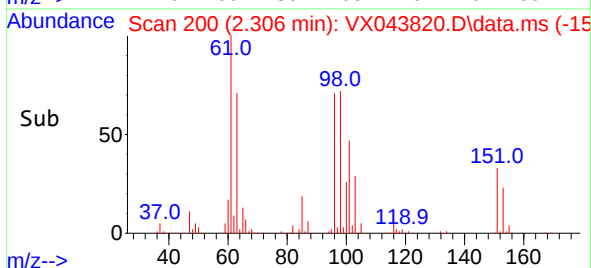
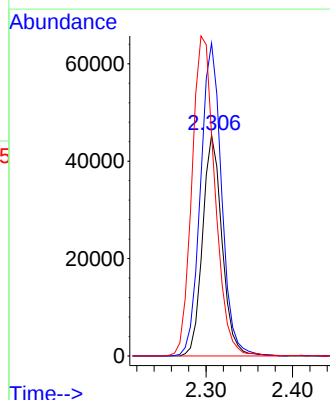
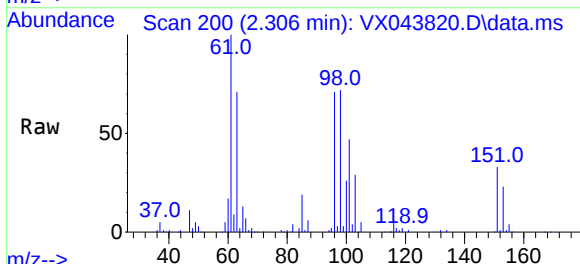
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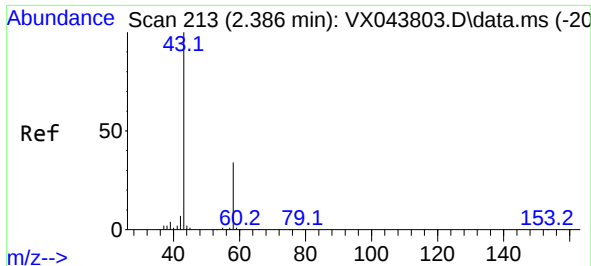
Tgt Ion:101 Resp: 77067
Ion Ratio Lower Upper
101 100
85 41.6 34.0 51.0
151 80.5 60.2 90.4



#12
1,1-Dichloroethene
Concen: 50.761 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion: 96 Resp: 70882
Ion Ratio Lower Upper
96 100
61 141.7 119.7 222.3
63 100.3 86.5 160.6

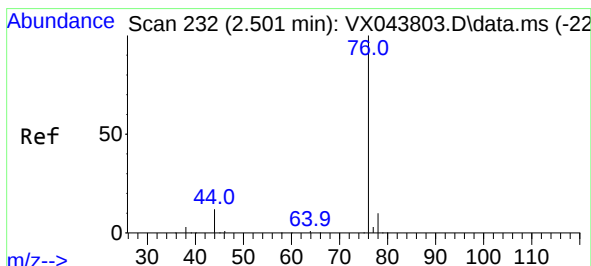
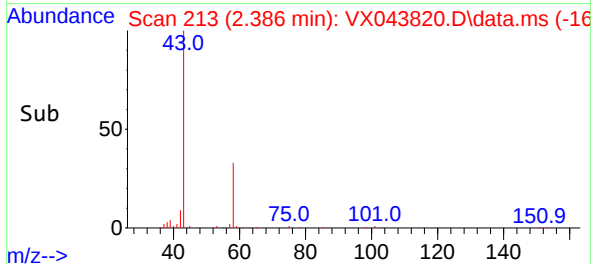
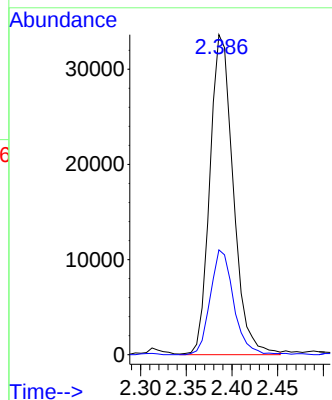
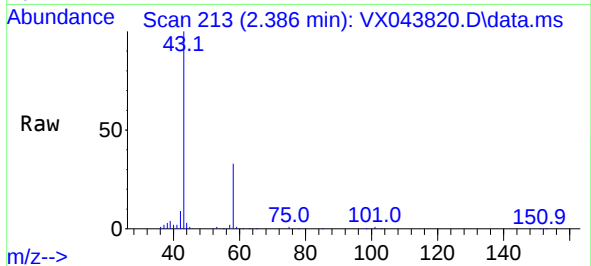




#13
Acetone
Concen: 70.516 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX043820.D
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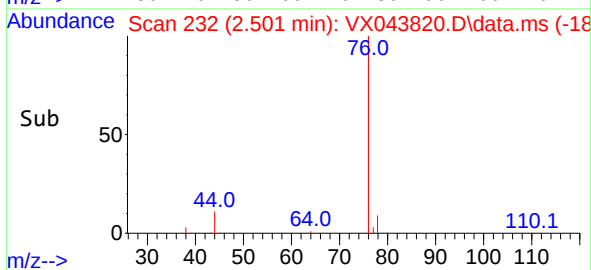
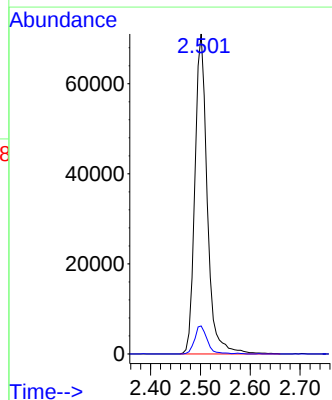
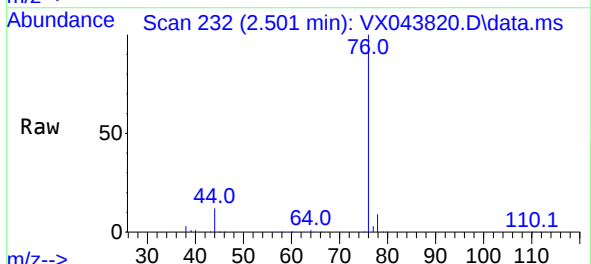
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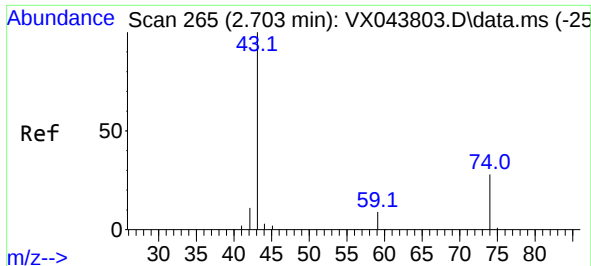
Tgt Ion: 43 Resp: 59885
Ion Ratio Lower Upper
43 100
58 32.4 0.0 63.6



#14
Carbon disulfide
Concen: 39.519 ug/L
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 121992
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

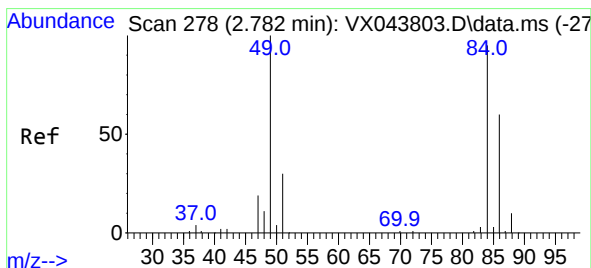
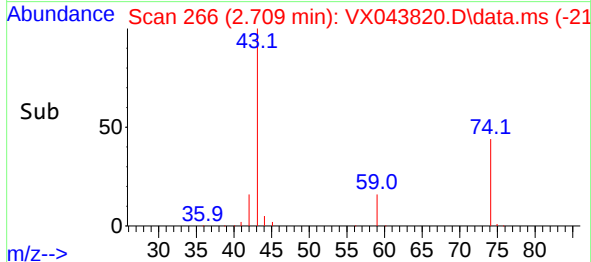
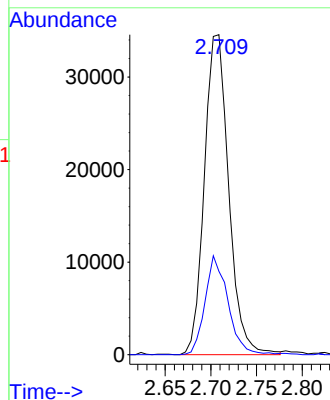
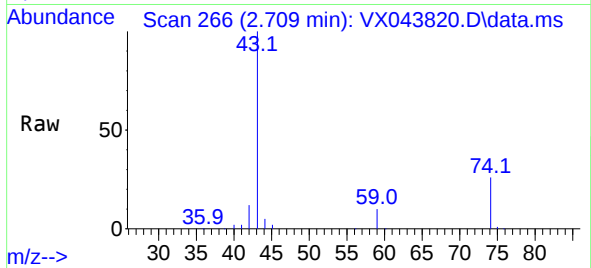




#15
Methyl Acetate
Concen: 35.684 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

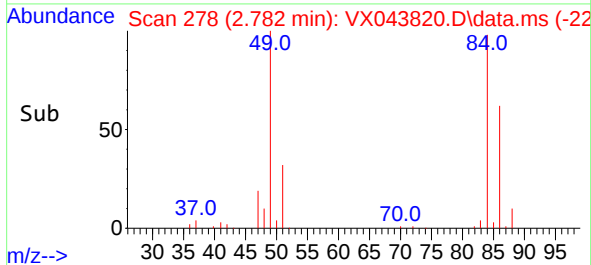
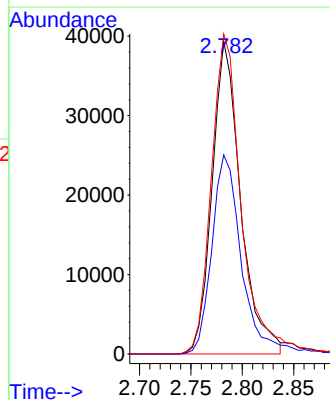
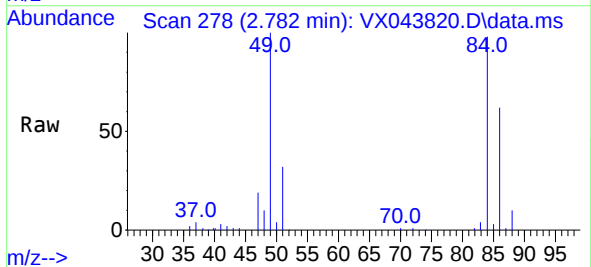
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

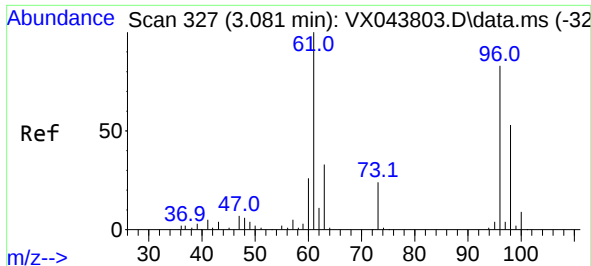
Tgt Ion: 43 Resp: 64080
Ion Ratio Lower Upper
43 100
74 28.8 18.9 28.3#



#16
Methylene chloride
Concen: 44.926 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion: 84 Resp: 75792
Ion Ratio Lower Upper
84 100
86 63.6 44.7 83.1
49 102.3 83.2 154.4

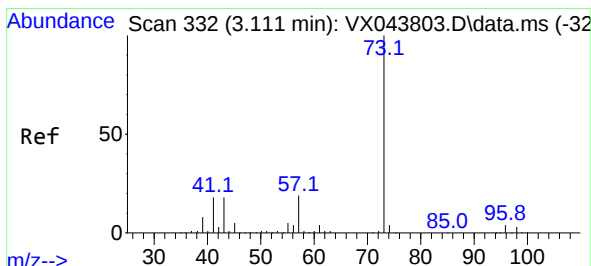
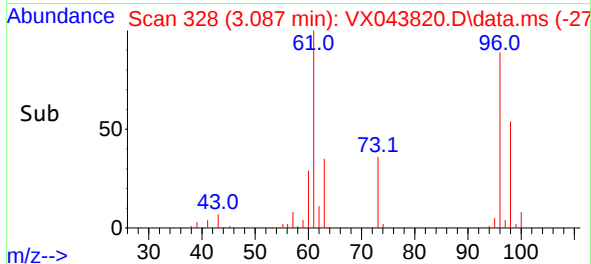
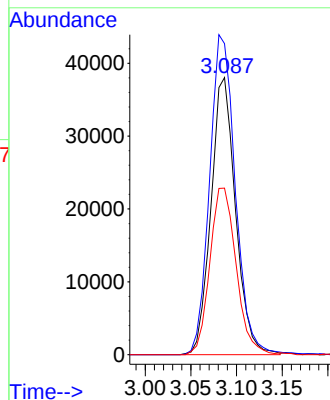
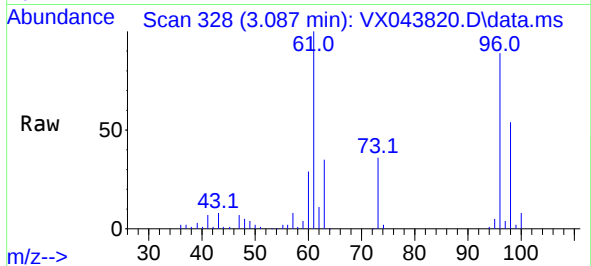




#17
trans-1,2-Dichloroethene
Concen: 47.494 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

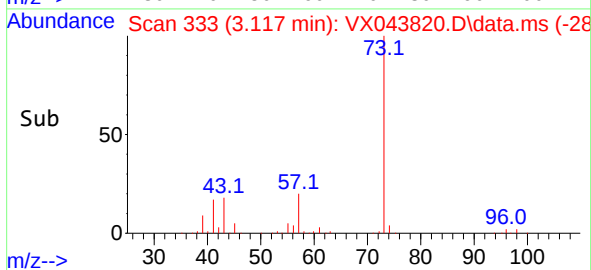
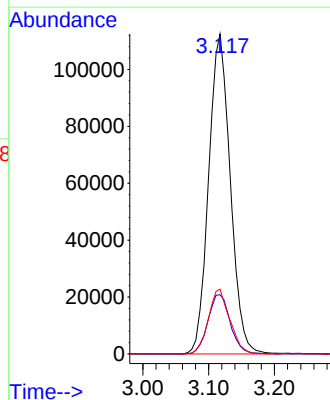
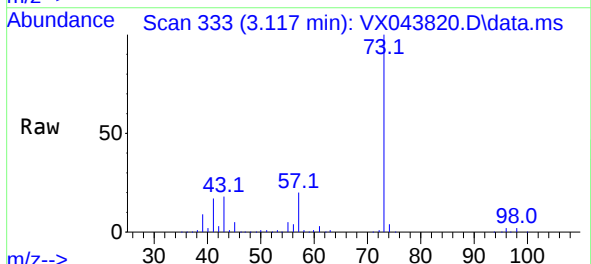
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

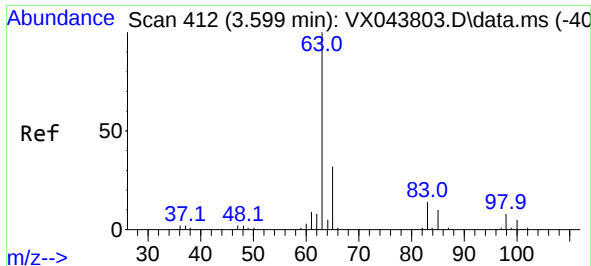
Tgt Ion: 96 Resp: 71350
Ion Ratio Lower Upper
96 100
61 112.3 93.4 173.6
98 60.1 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 45.090 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion: 73 Resp: 257507
Ion Ratio Lower Upper
73 100
43 19.1 15.5 23.3
57 20.0 17.2 25.8





#19

1,1-Dichloroethane

Concen: 44.277 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

Instrument :

MSVOA_X

ClientSampleId :

E27P5MSD

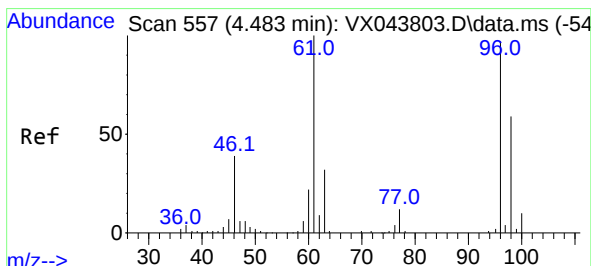
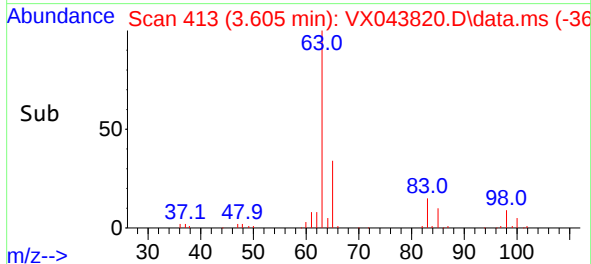
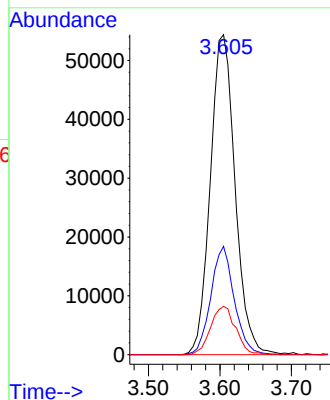
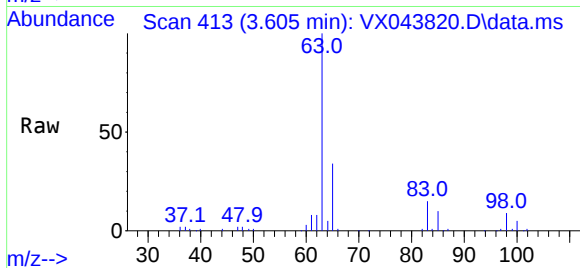
Tgt Ion: 63 Resp: 130984

Ion Ratio Lower Upper

63 100

65 33.8 23.2 43.2

83 15.1 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 47.004 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

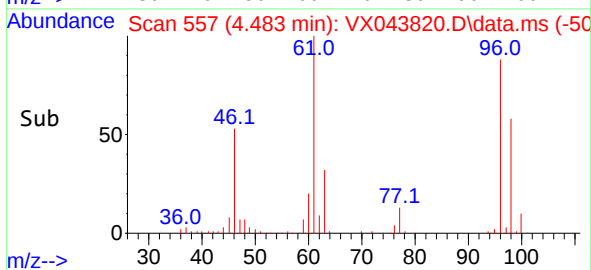
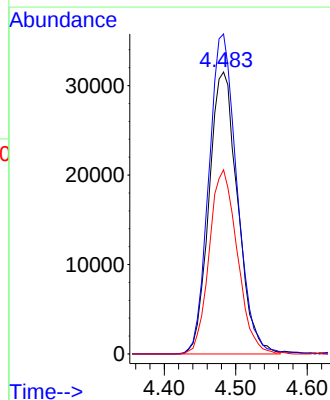
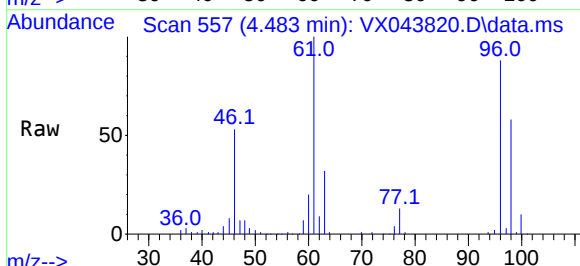
Tgt Ion: 96 Resp: 87706

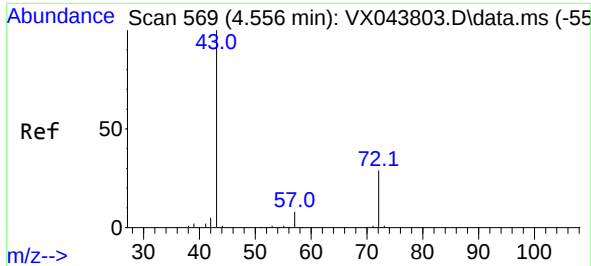
Ion Ratio Lower Upper

96 100

61 113.5 85.2 158.2

98 65.3 44.6 82.8

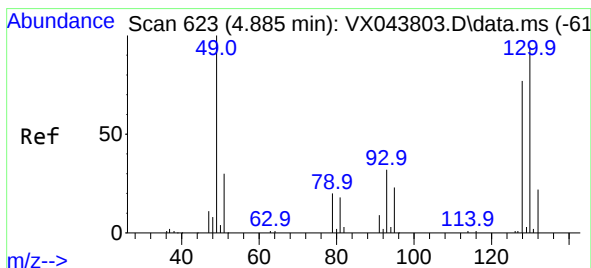
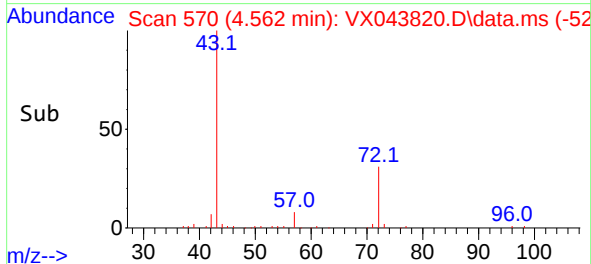
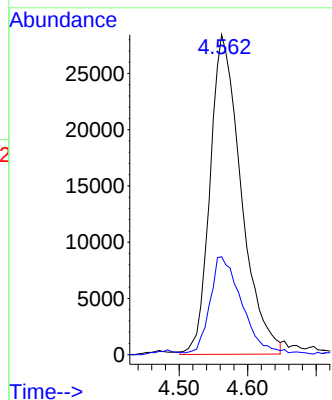
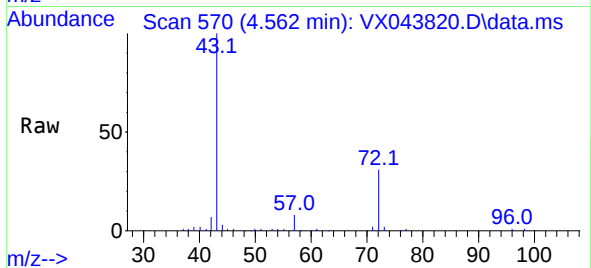




#22
2-Butanone
Concen: 72.771 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

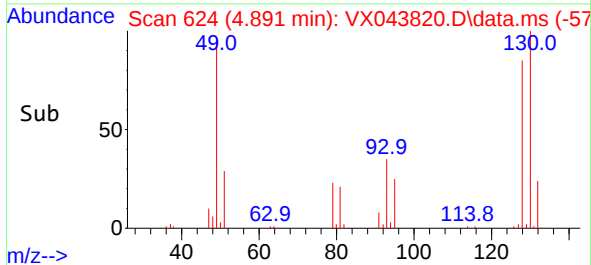
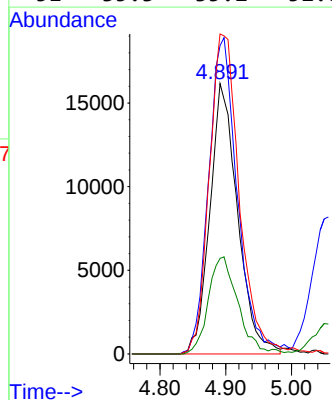
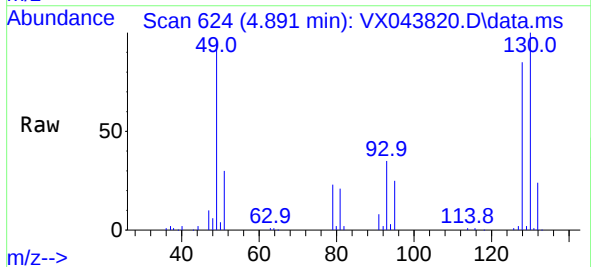
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

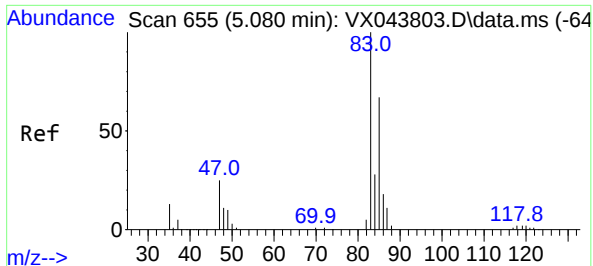
Tgt Ion: 43 Resp: 89409
Ion Ratio Lower Upper
43 100
72 31.4 13.6 40.8



#23
Bromochloromethane
Concen: 50.556 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion:128 Resp: 47419
Ion Ratio Lower Upper
128 100
49 114.0 101.4 188.4
130 118.3 91.5 169.9
51 35.3 35.2 52.8





#25

Chloroform

Concen: 46.889 ug/L

RT: 5.086 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

Instrument :

MSVOA_X

ClientSampleId :

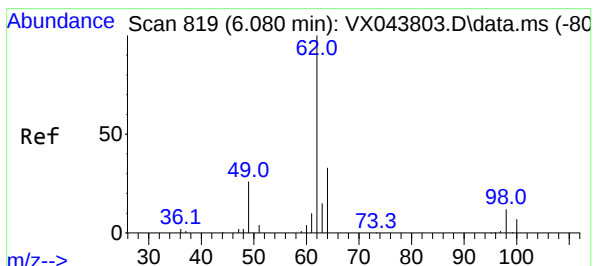
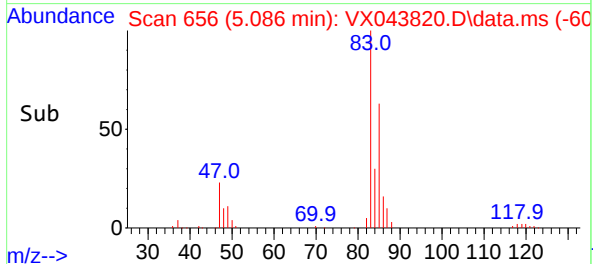
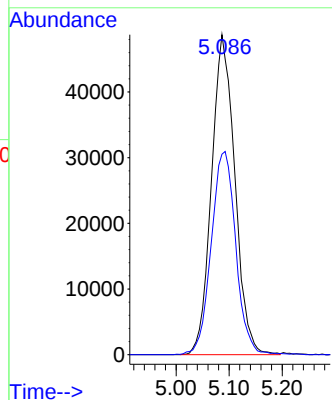
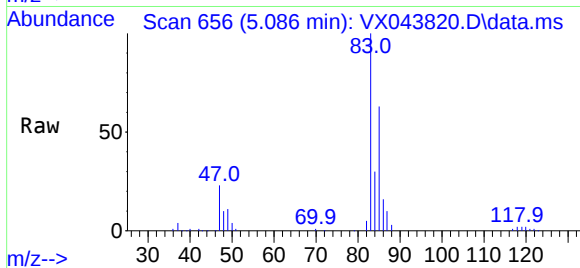
E27P5MSD

Tgt Ion: 83 Resp: 148846

Ion Ratio Lower Upper

83 100

85 62.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 45.714 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX043820.D

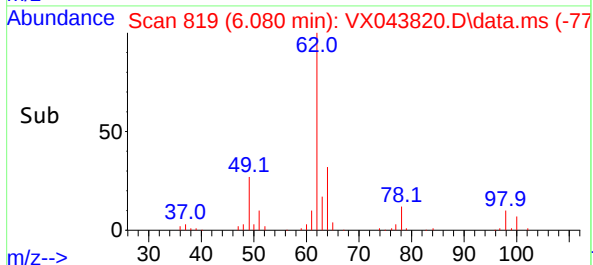
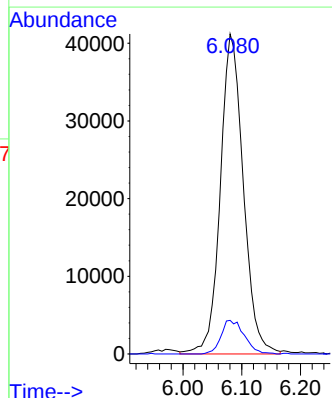
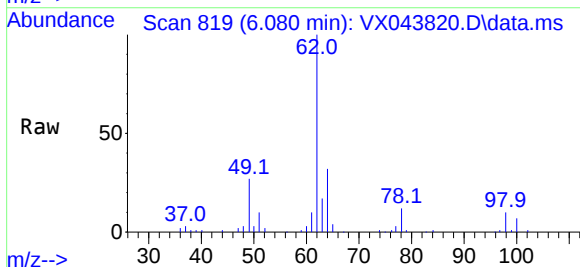
Acq: 12 Nov 2024 18:59

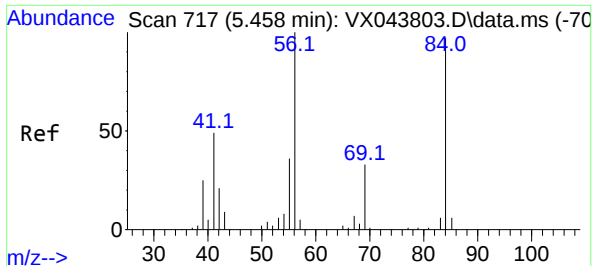
Tgt Ion: 62 Resp: 112132

Ion Ratio Lower Upper

62 100

98 10.5 9.0 13.6





#29

Cyclohexane

Concen: 39.449 ug/L

RT: 5.464 min Scan# 717

Delta R.T. 0.006 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

Instrument :

MSVOA_X

ClientSampleId :

E27P5MSD

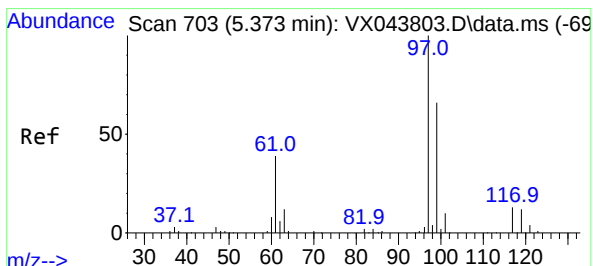
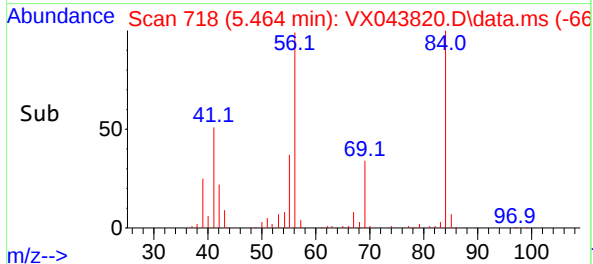
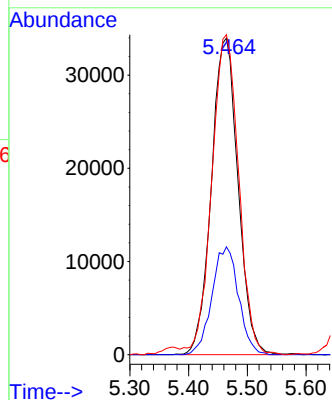
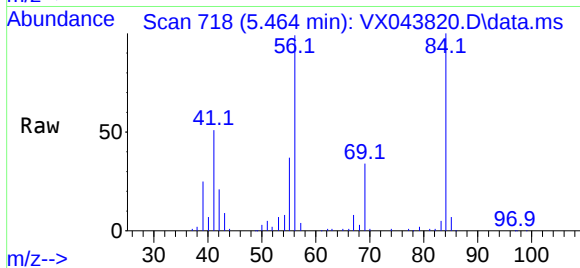
Tgt Ion: 56 Resp: 106817

Ion Ratio Lower Upper

56 100

69 34.1 25.2 37.8

84 101.1 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 45.222 ug/L

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

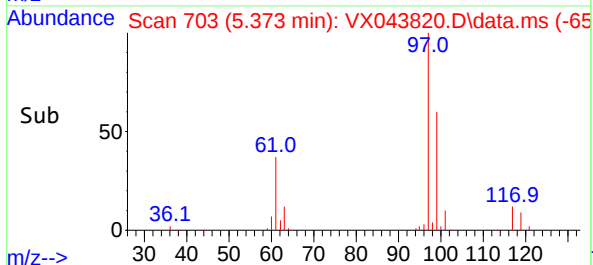
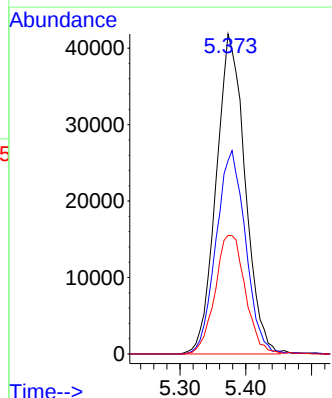
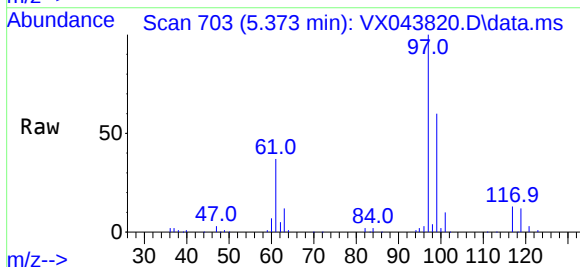
Tgt Ion: 97 Resp: 127838

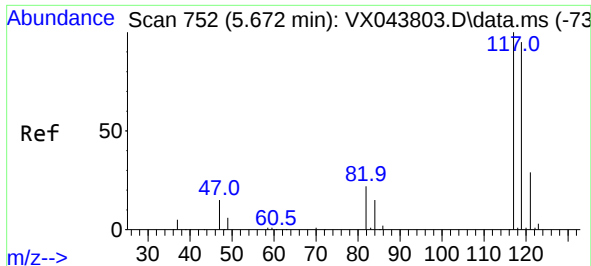
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.6

61 38.8 32.6 49.0

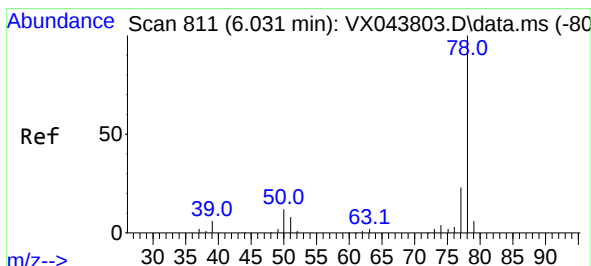
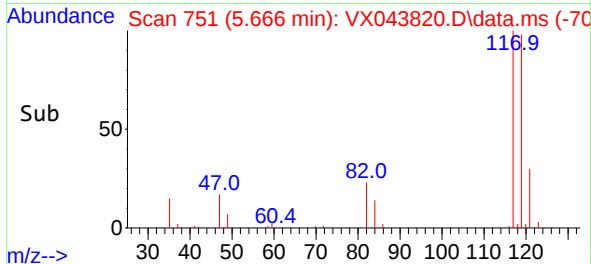
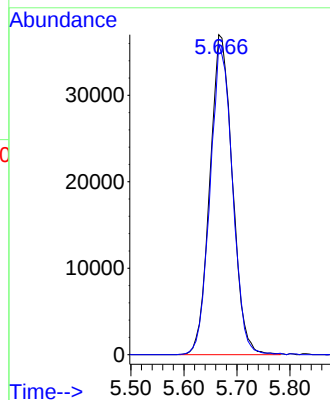
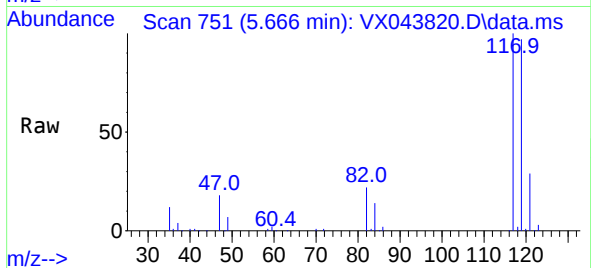




#31
Carbon tetrachloride
Concen: 47.157 ug/L
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

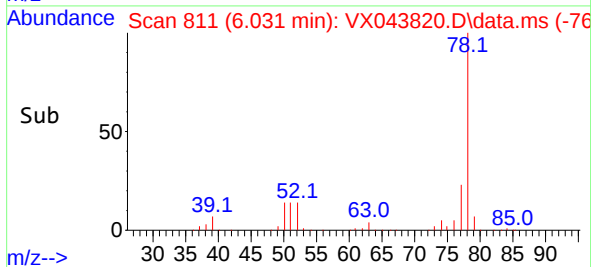
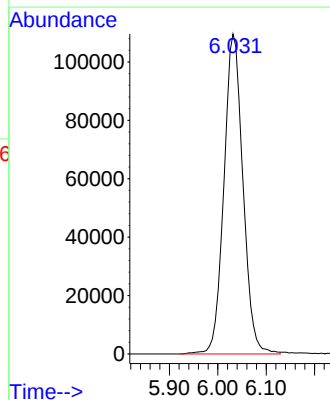
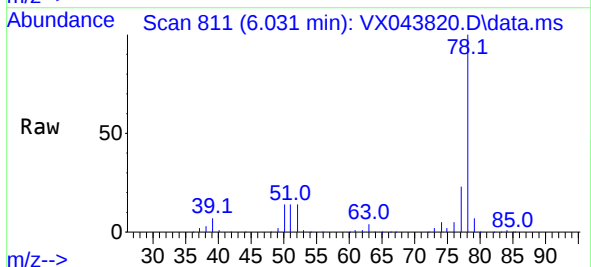
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

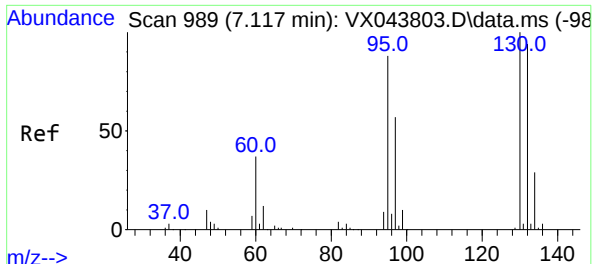
Tgt Ion:117 Resp: 109364
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0



#33
Benzene
Concen: 45.107 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion: 78 Resp: 300029

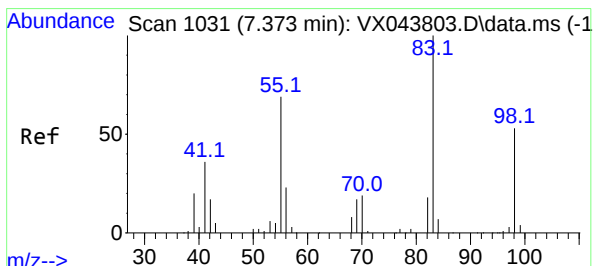
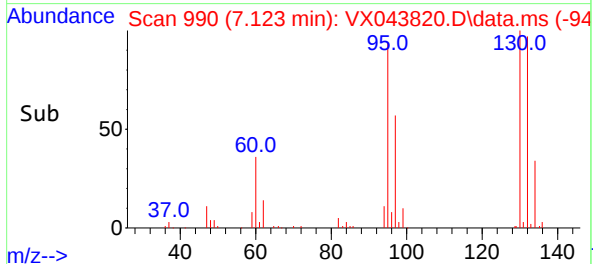
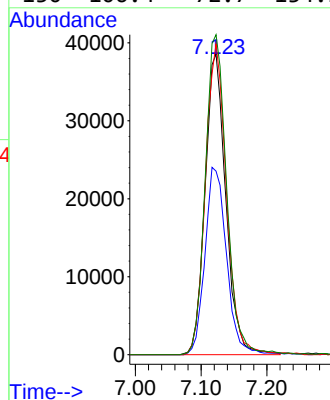
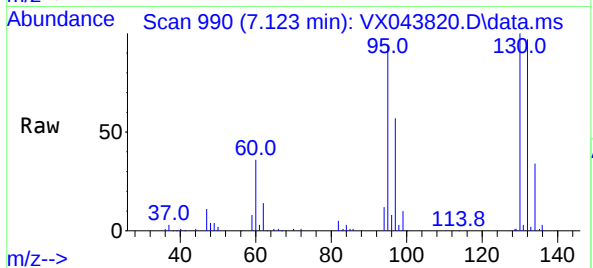




#34
Trichloroethene
Concen: 47.413 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

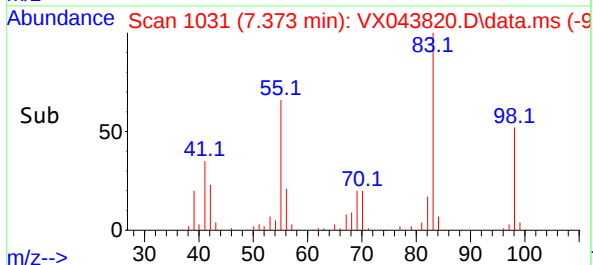
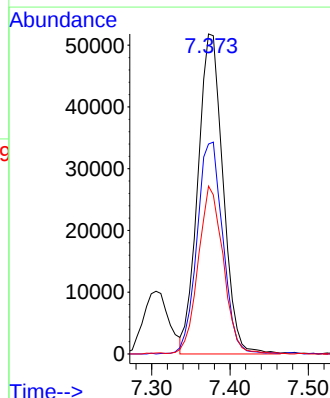
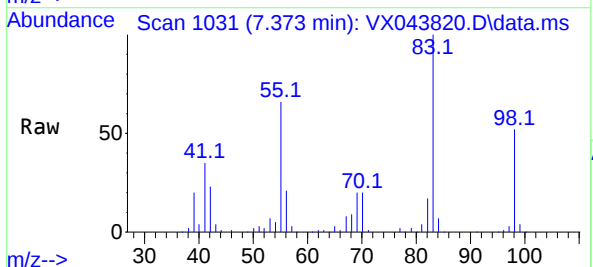
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

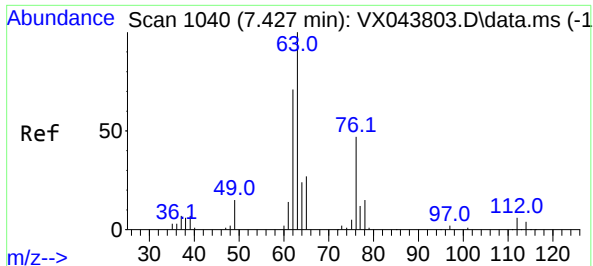
Tgt Ion: 95 Resp: 84785
Ion Ratio Lower Upper
95 100
97 61.0 45.4 84.2
132 103.3 69.7 129.5
130 106.4 72.7 134.9



#35
Methylcyclohexane
Concen: 43.403 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion: 83 Resp: 115958
Ion Ratio Lower Upper
83 100
55 67.9 58.6 88.0
98 51.8 39.0 58.4

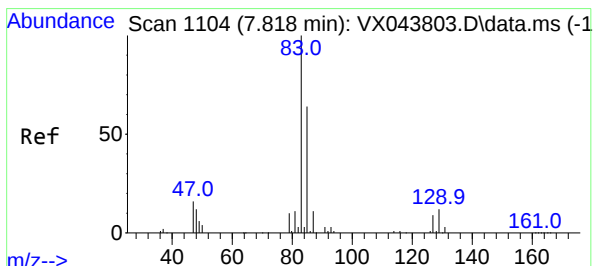
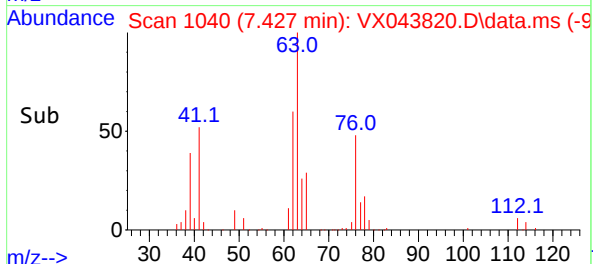
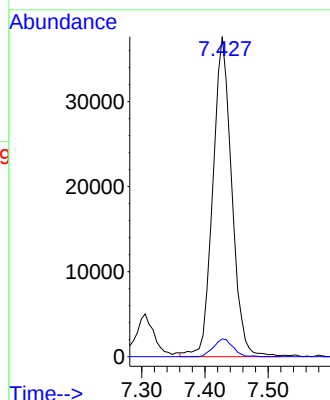
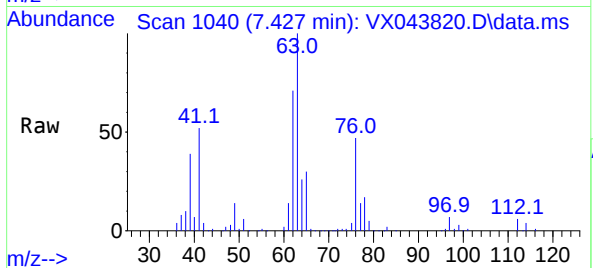




#37
1,2-Dichloropropane
Concen: 44.087 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

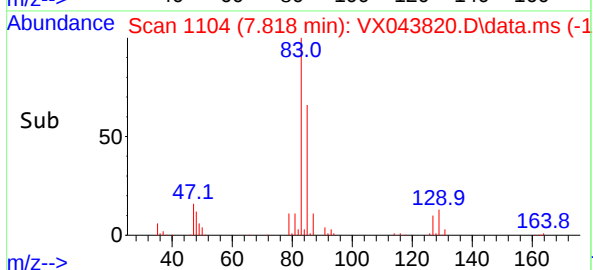
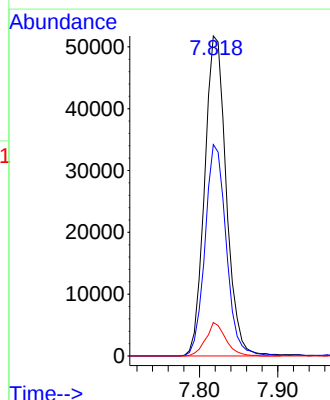
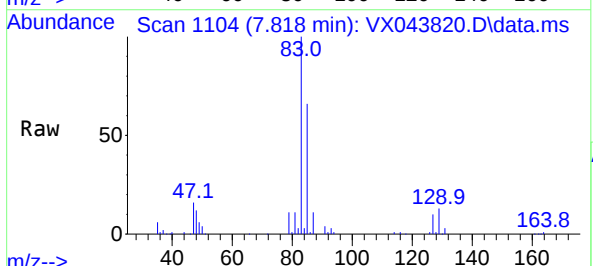
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

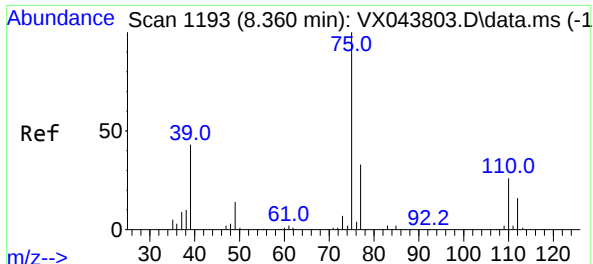
Tgt Ion: 63 Resp: 78114
Ion Ratio Lower Upper
63 100
112 5.6 3.8 5.8



#38
Bromodichloromethane
Concen: 44.083 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion: 83 Resp: 99344
Ion Ratio Lower Upper
83 100
85 66.0 43.8 81.3
127 10.5 6.8 10.2#





#39

cis-1,3-Dichloropropene

Concen: 42.462 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

Instrument :

MSVOA_X

ClientSampleId :

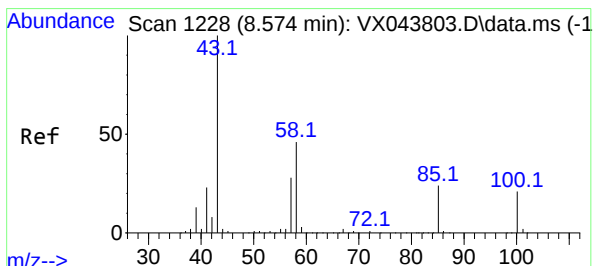
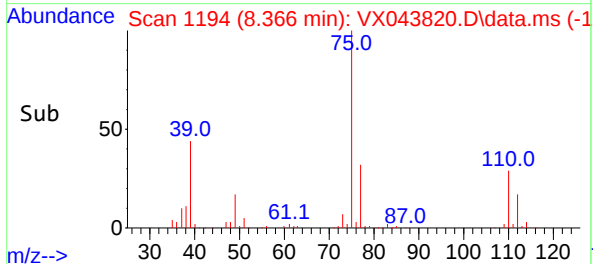
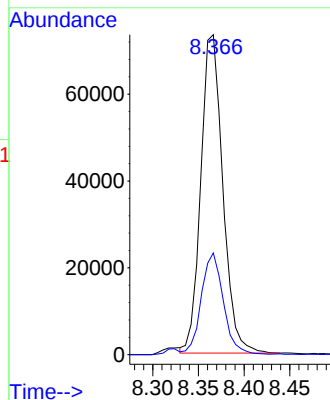
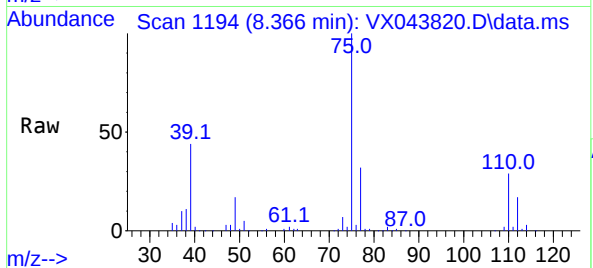
E27P5MSD

Tgt Ion: 75 Resp: 122823

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 80.409 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

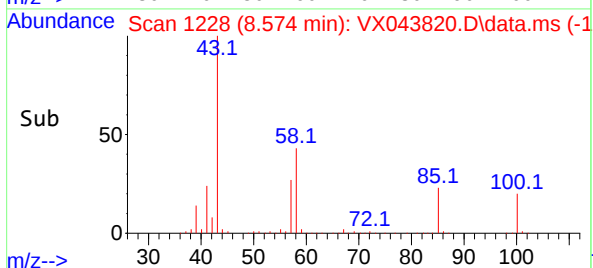
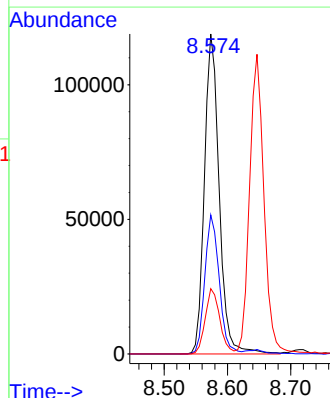
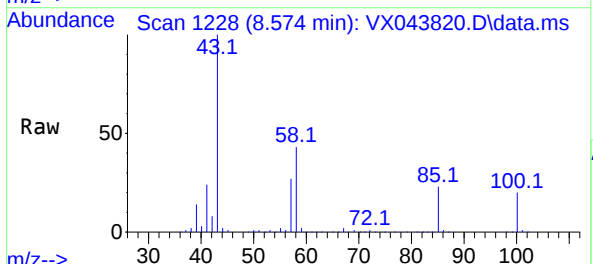
Tgt Ion: 43 Resp: 193913

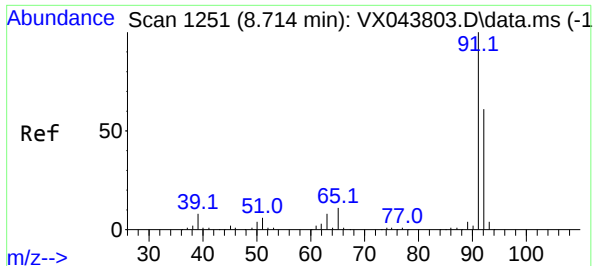
Ion Ratio Lower Upper

43 100

58 42.2 31.6 47.4

100 20.1 13.8 20.6





#42

Toluene

Concen: 45.891 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

Instrument :

MSVOA_X

ClientSampleId :

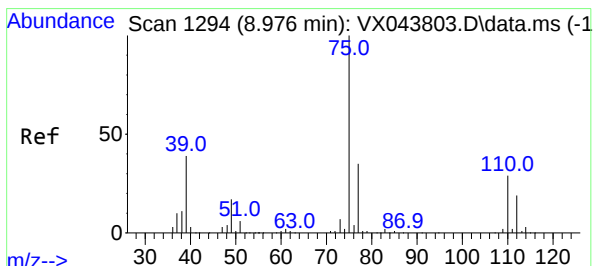
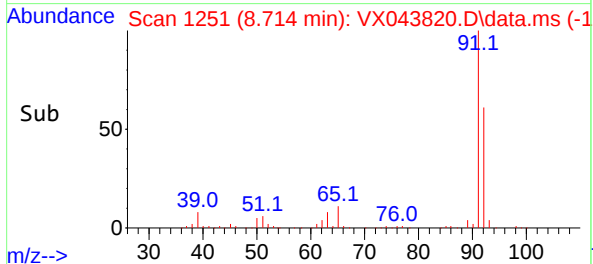
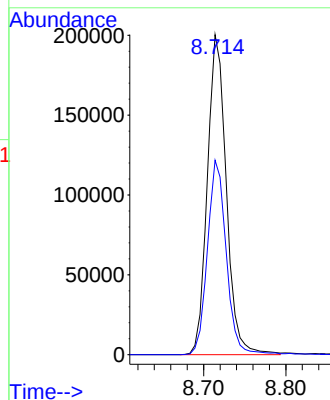
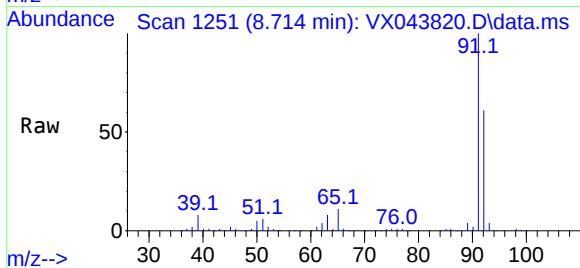
E27P5MSD

Tgt Ion: 91 Resp: 321057

Ion Ratio Lower Upper

91 100

92 60.8 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 43.599 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043820.D

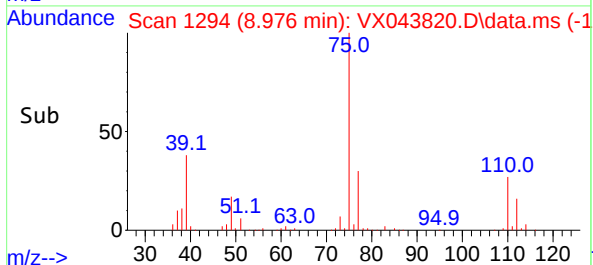
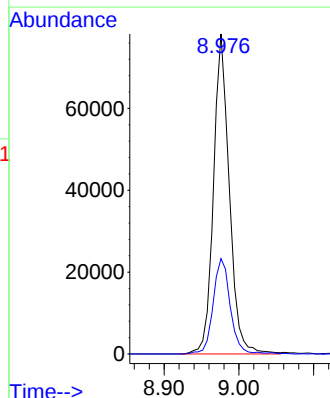
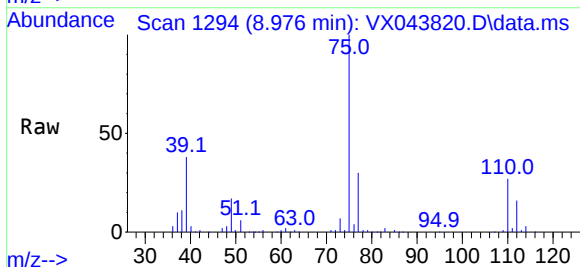
Acq: 12 Nov 2024 18:59

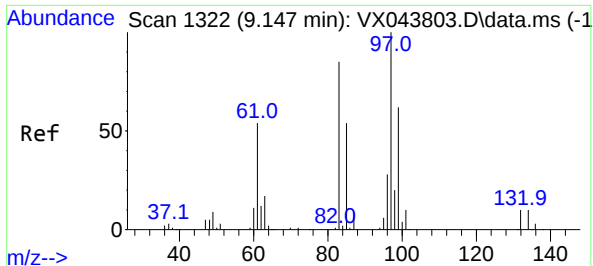
Tgt Ion: 75 Resp: 114994

Ion Ratio Lower Upper

75 100

77 29.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 48.050 ug/L

RT: 9.153 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

Instrument :

MSVOA_X

ClientSampleId :

E27P5MSD

Tgt Ion: 97 Resp: 87300

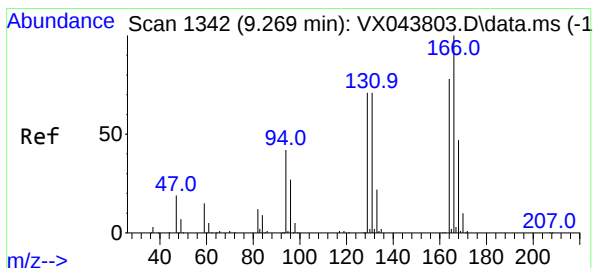
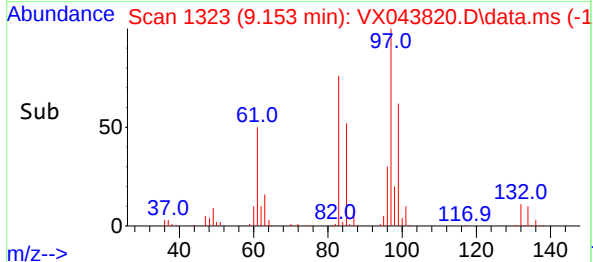
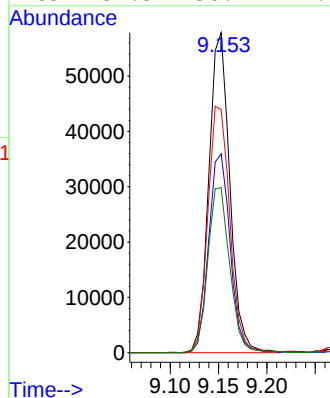
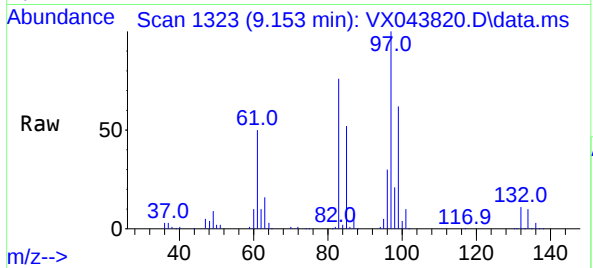
Ion Ratio Lower Upper

97 100

99 62.2 42.8 79.4

83 75.9 58.4 108.4

85 51.5 38.2 71.0



#46

Tetrachloroethene

Concen: 50.185 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

Tgt Ion:164 Resp: 64596

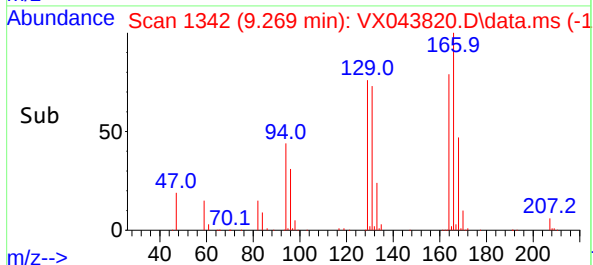
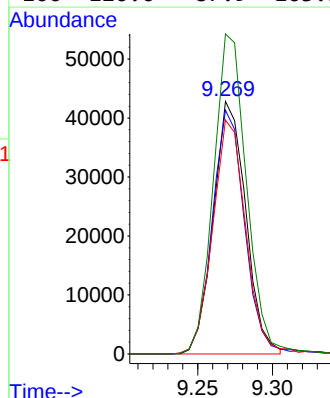
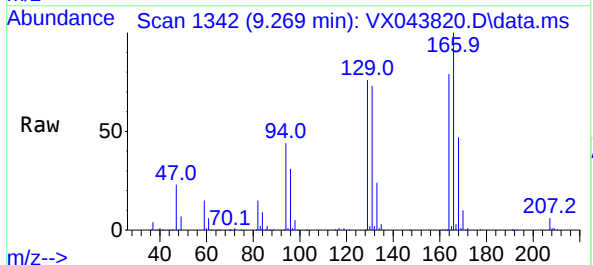
Ion Ratio Lower Upper

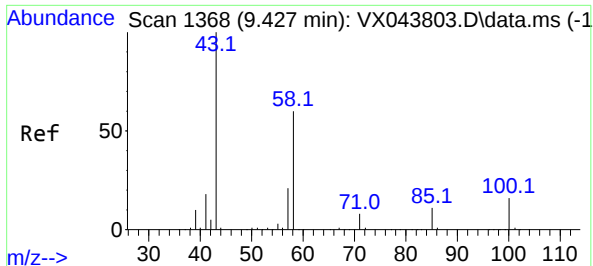
164 100

129 96.5 72.2 134.2

131 92.6 69.0 128.2

166 126.6 87.9 163.3

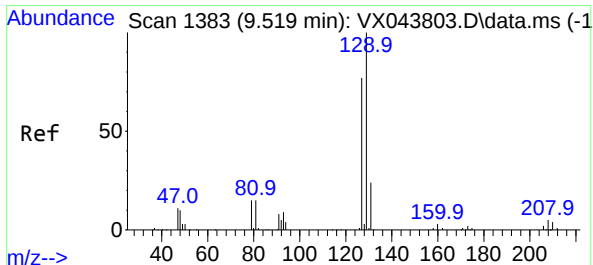
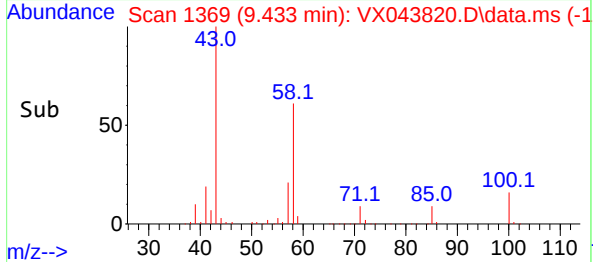
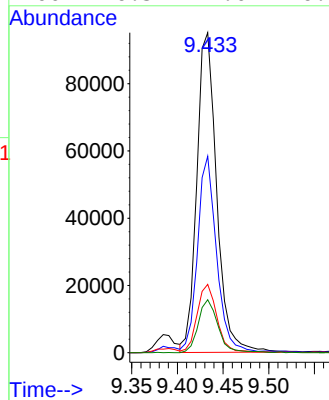
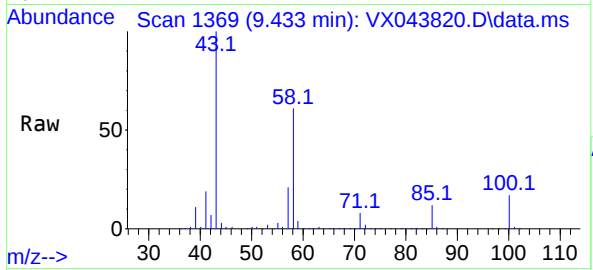




#48
2-Hexanone
Concen: 79.880 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

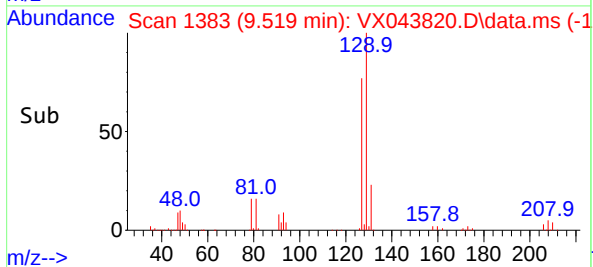
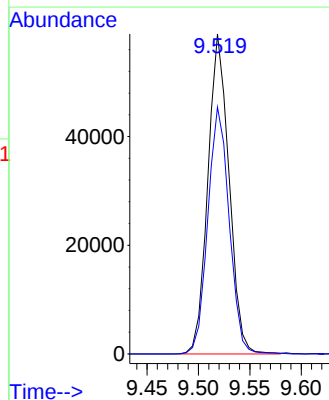
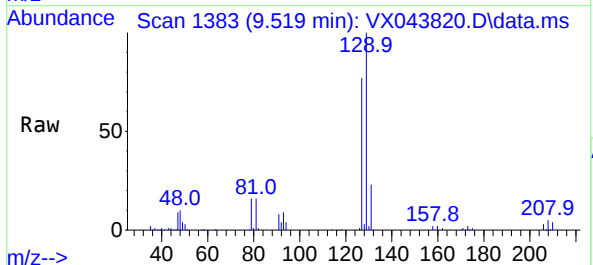
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

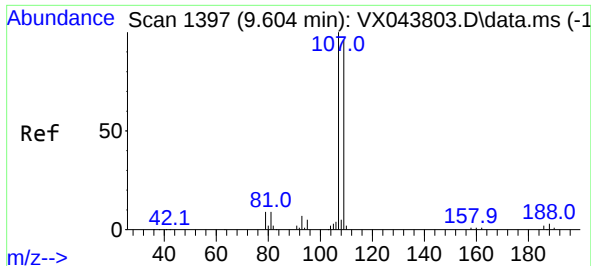
Tgt Ion: 43 Resp: 143995
Ion Ratio Lower Upper
43 100
58 58.9 44.6 67.0
57 21.1 15.7 23.5
100 16.5 11.0 16.4#



#49
Dibromochloromethane
Concen: 49.693 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion: 129 Resp: 84153
Ion Ratio Lower Upper
129 100
127 77.2 54.2 100.6

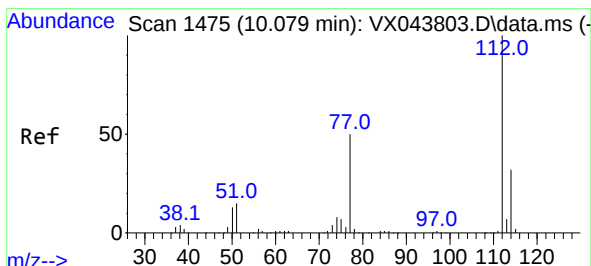
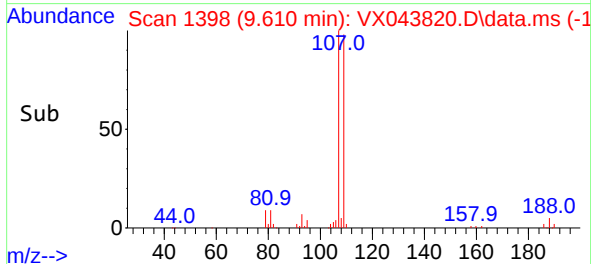
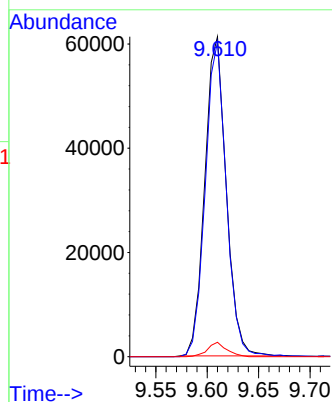
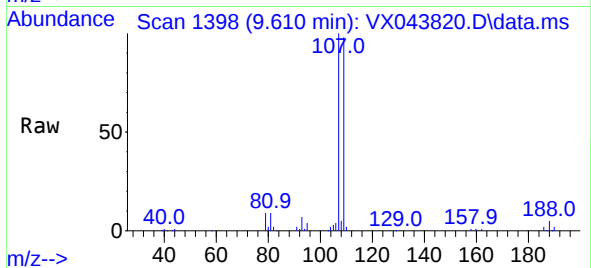




#50
1,2-Dibromoethane
Concen: 47.167 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

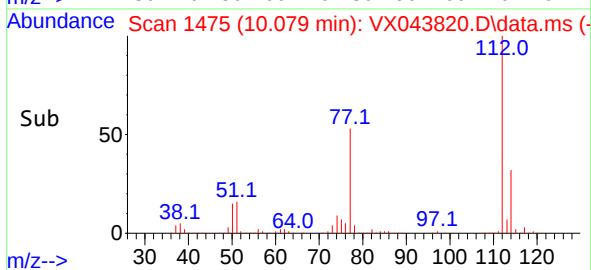
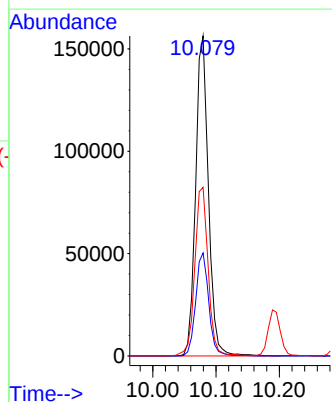
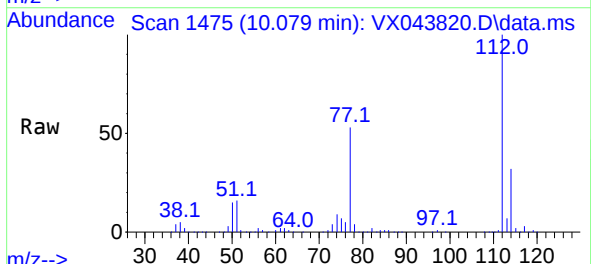
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

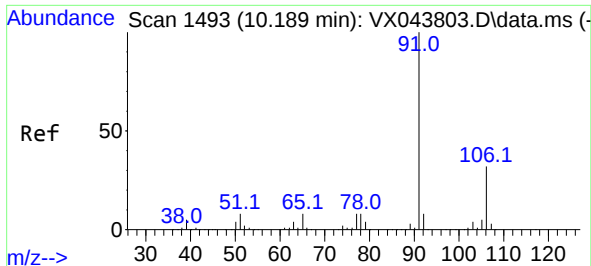
Tgt Ion:107 Resp: 88483
Ion Ratio Lower Upper
107 100
109 98.5 64.9 120.5
188 4.5 2.6 4.0#



#51
Chlorobenzene
Concen: 48.166 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion:112 Resp: 220228
Ion Ratio Lower Upper
112 100
114 32.2 22.6 42.0
77 52.7 45.9 68.9

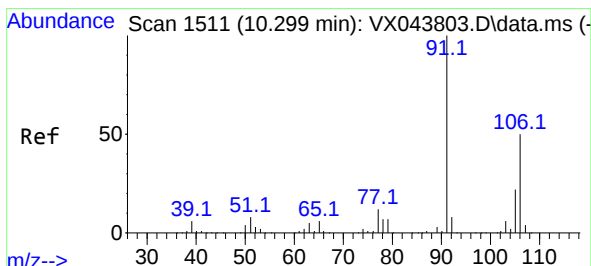
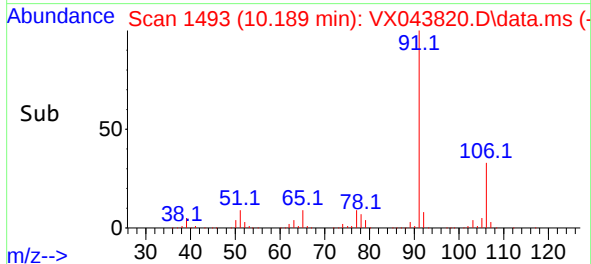
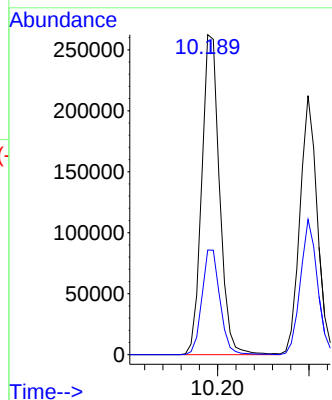
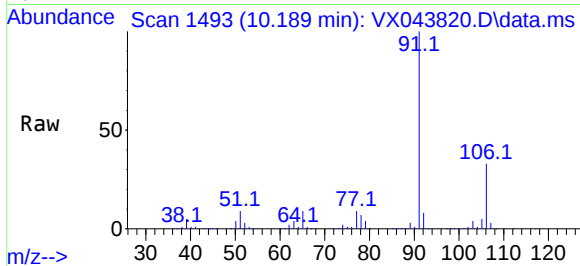




#52
Ethylbenzene
Concen: 46.730 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

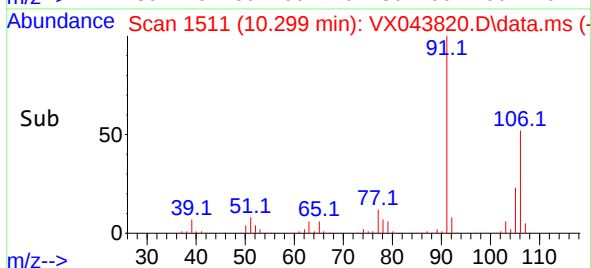
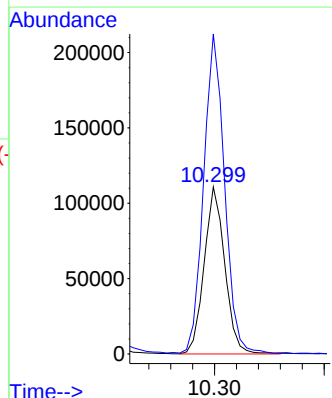
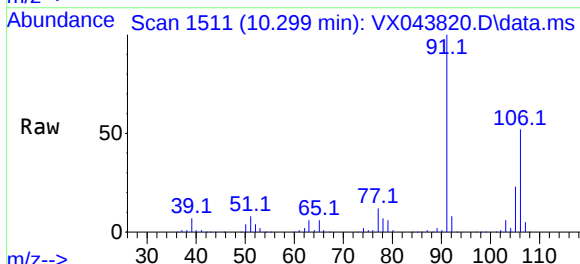
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

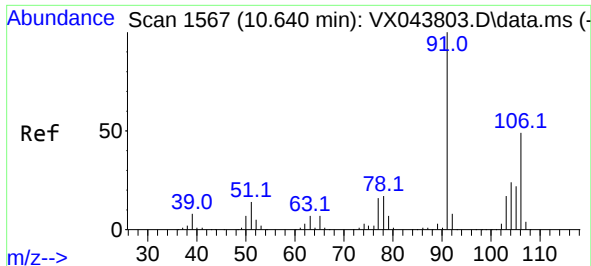
Tgt Ion: 91 Resp: 355363
Ion Ratio Lower Upper
91 100
106 32.7 21.9 40.7



#53
m,p-Xylene
Concen: 49.355 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion: 106 Resp: 144882
Ion Ratio Lower Upper
106 100
91 191.6 140.6 261.2

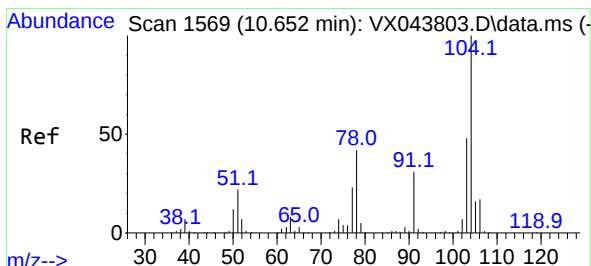
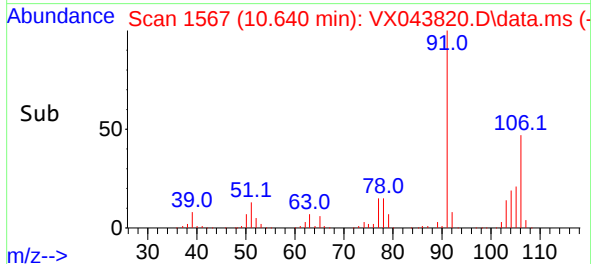
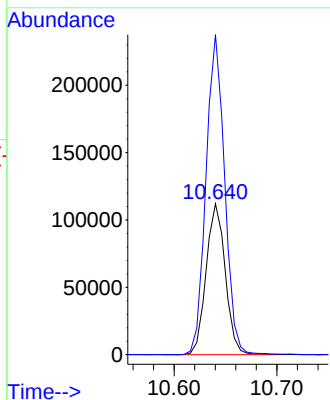
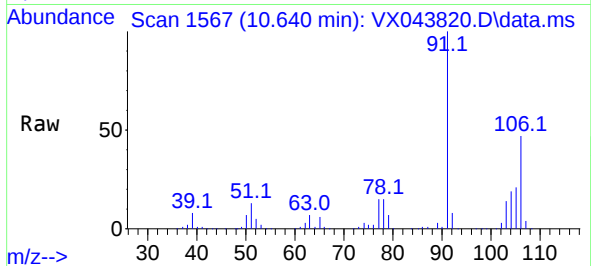




#54
o-Xylene
Concen: 49.519 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

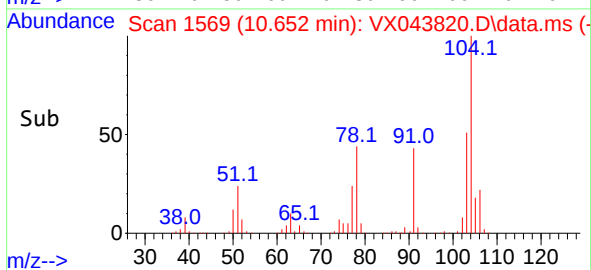
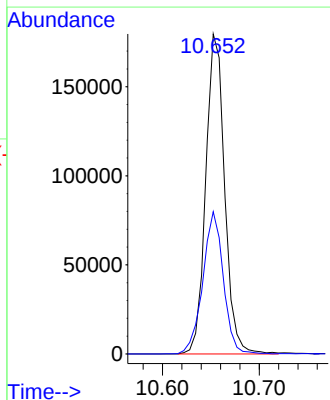
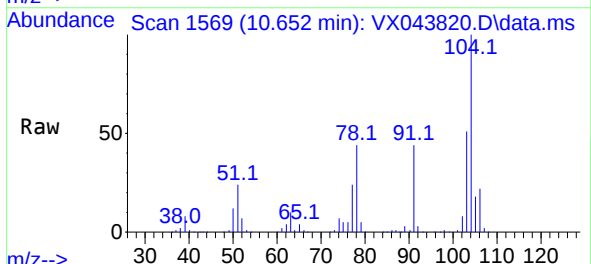
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

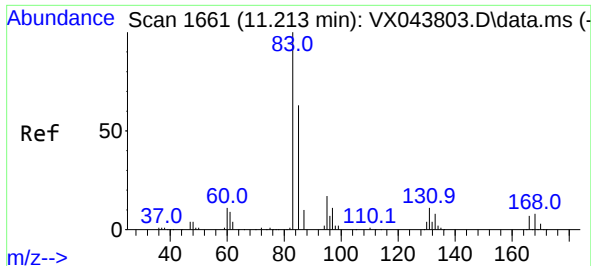
Tgt Ion:106 Resp: 144921
Ion Ratio Lower Upper
106 100
91 212.1 151.9 282.1



#55
Styrene
Concen: 50.046 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion:104 Resp: 243639
Ion Ratio Lower Upper
104 100
78 44.5 31.6 58.6

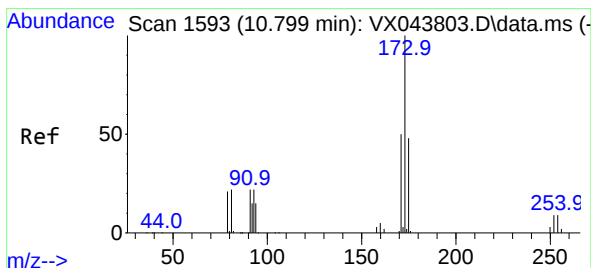
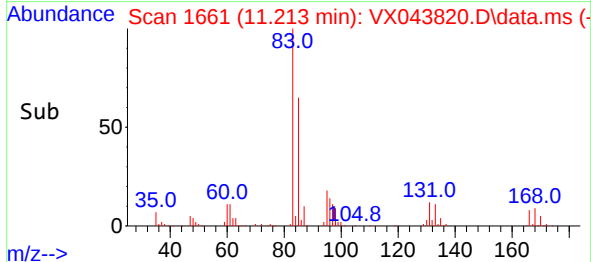
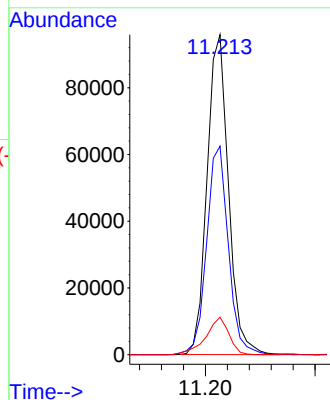
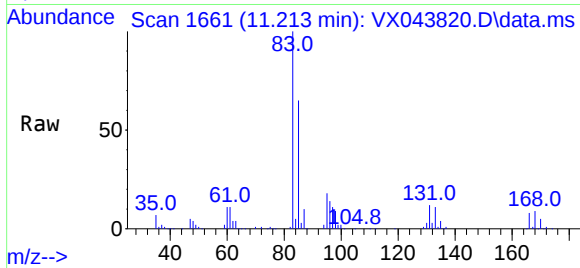




#57
1,1,2-Tetrachloroethane
Concen: 47.764 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

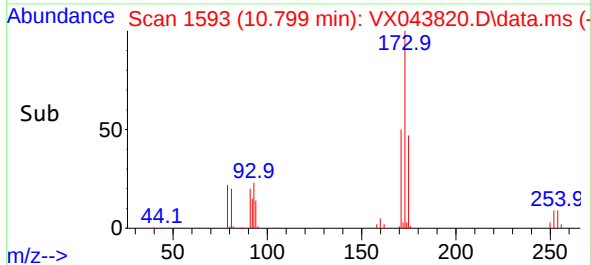
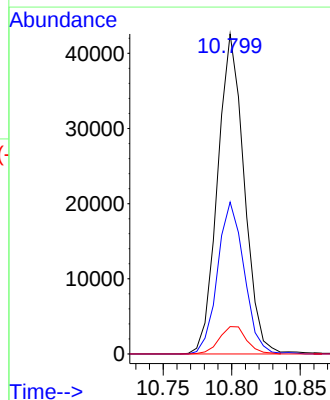
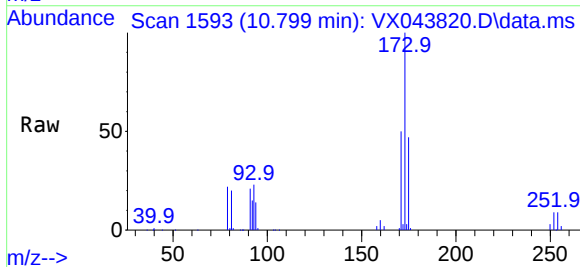
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

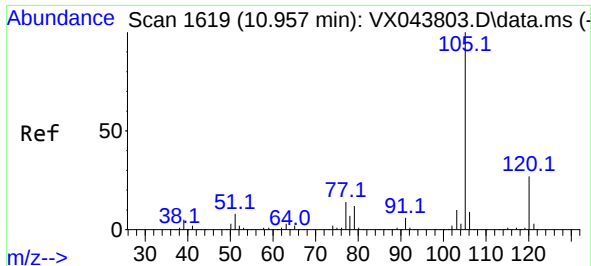
Tgt Ion: 83 Resp: 129972
Ion Ratio Lower Upper
83 100
85 65.2 45.2 84.0
131 11.7 8.3 12.5



#59
Bromoform
Concen: 46.333 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion: 173 Resp: 57280
Ion Ratio Lower Upper
173 100
175 47.5 37.0 55.6
254 8.9 6.4 9.6

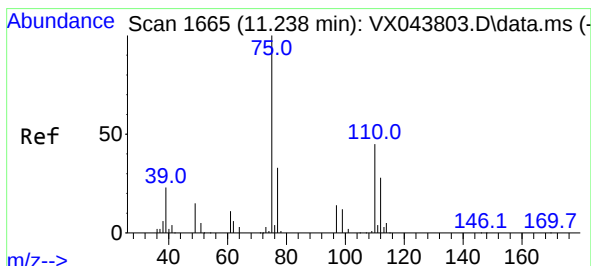
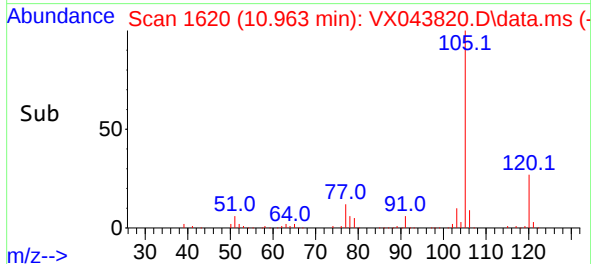
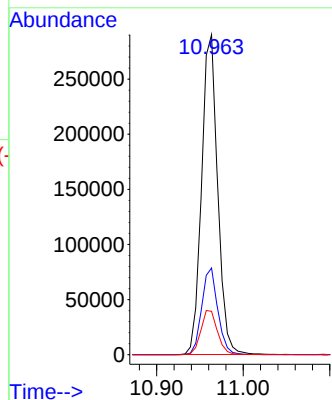
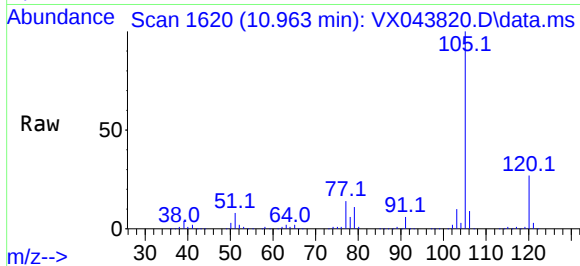




#60
Isopropylbenzene
Concen: 45.643 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

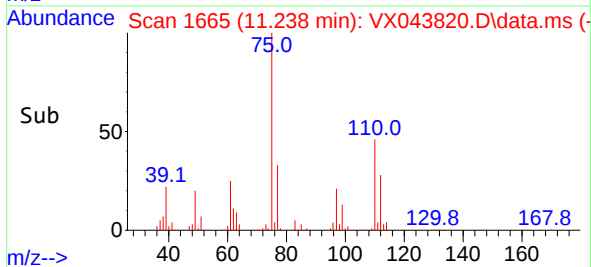
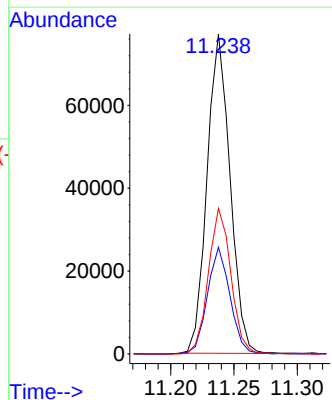
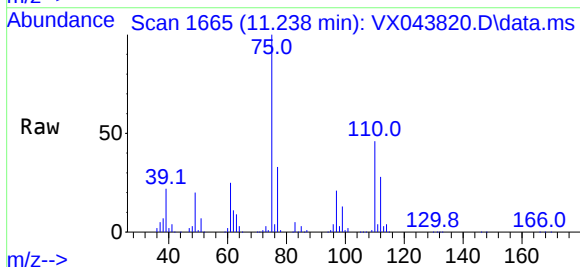
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

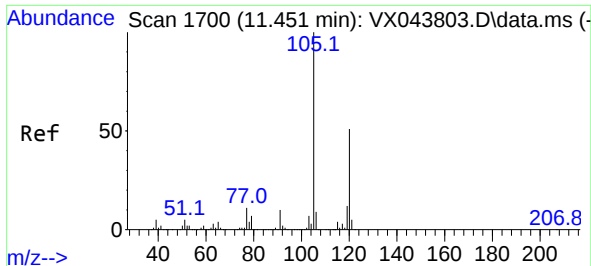
Tgt Ion:105 Resp: 374060
Ion Ratio Lower Upper
105 100
120 27.1 21.1 31.7
77 14.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 42.503 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion: 75 Resp: 97510
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
110 44.6 33.6 50.4

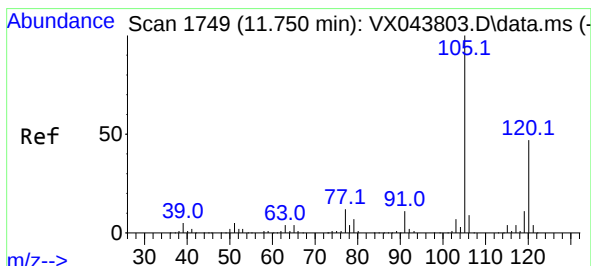
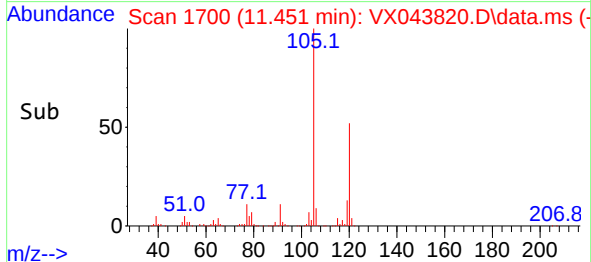
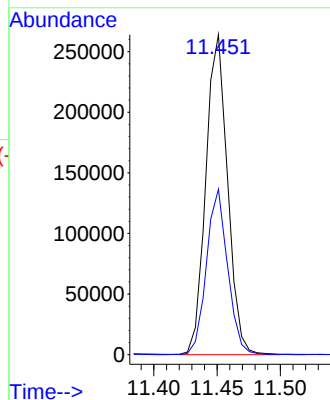
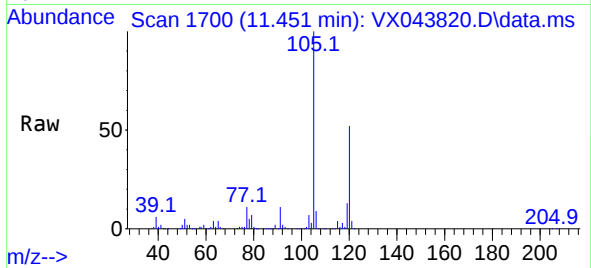




#62
1,3,5-Trimethylbenzene
Concen: 45.901 ug/L
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

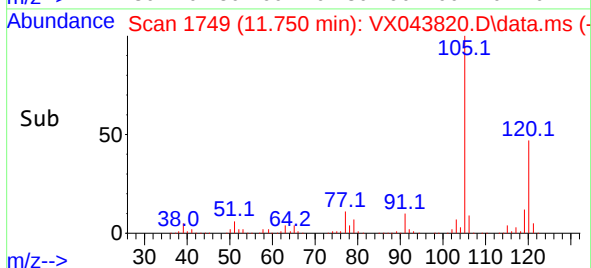
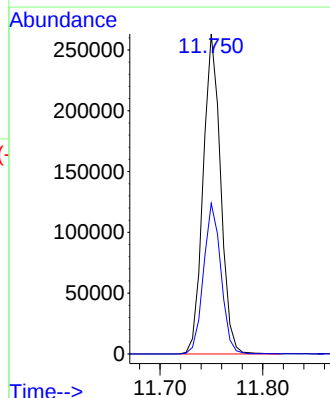
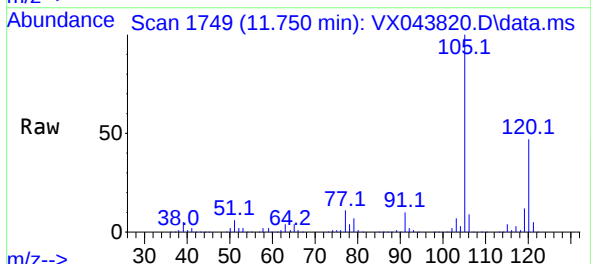
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

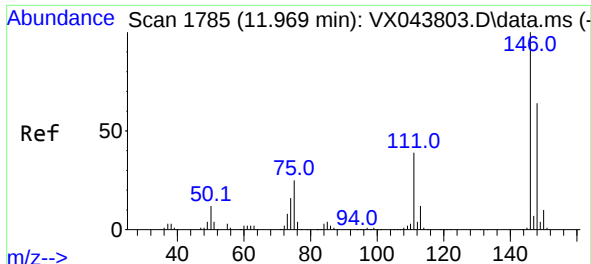
Tgt Ion:105 Resp: 316194
Ion Ratio Lower Upper
105 100
120 50.4 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 45.446 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion:105 Resp: 311702
Ion Ratio Lower Upper
105 100
120 46.8 35.7 53.5

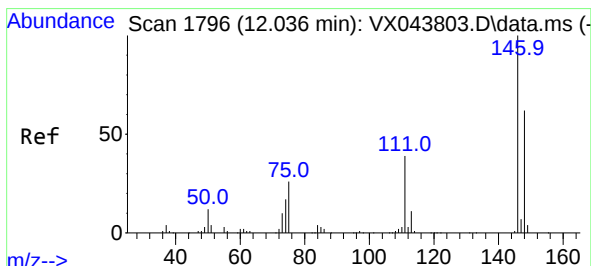
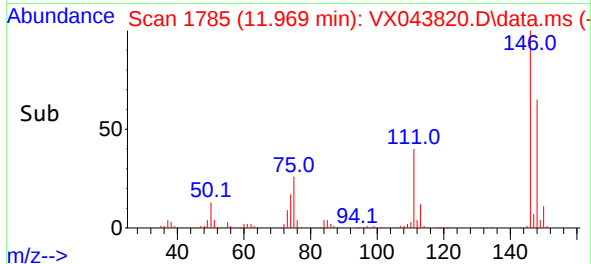
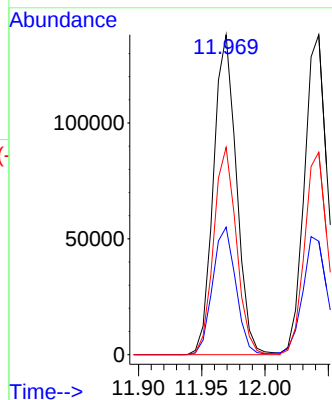
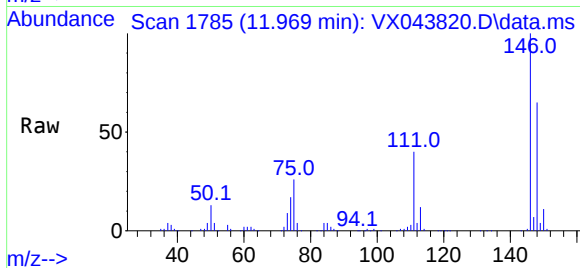




#64
1,3-Dichlorobenzene
Concen: 48.380 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

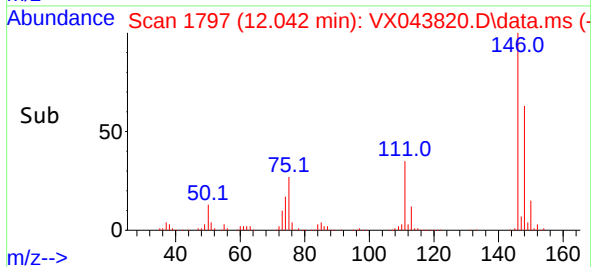
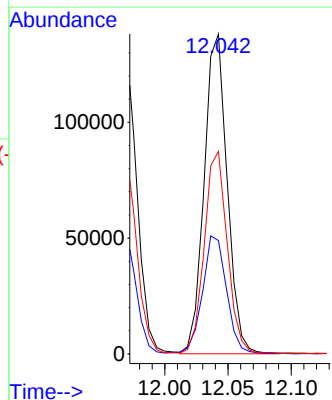
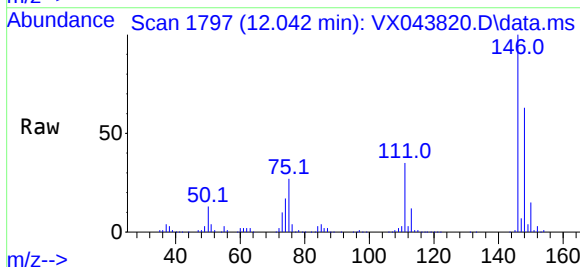
Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD

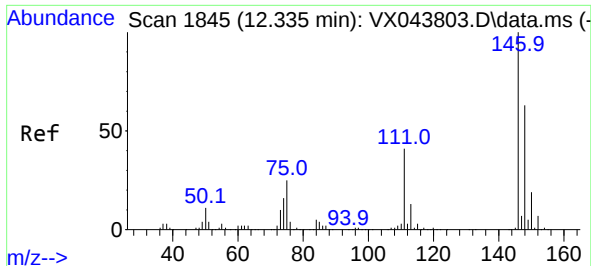
Tgt Ion:146 Resp: 174403
Ion Ratio Lower Upper
146 100
111 39.9 28.3 52.5
148 64.9 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 48.258 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion:146 Resp: 175218
Ion Ratio Lower Upper
146 100
111 35.5 28.9 53.7
148 63.3 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 48.467 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

Instrument :

MSVOA_X

ClientSampleId :

E27P5MSD

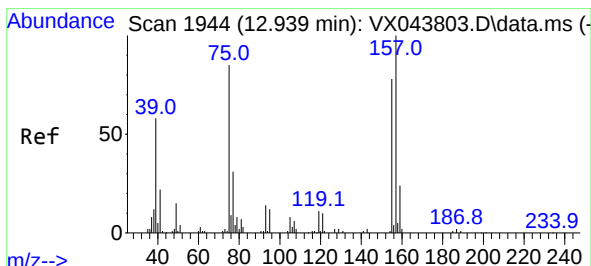
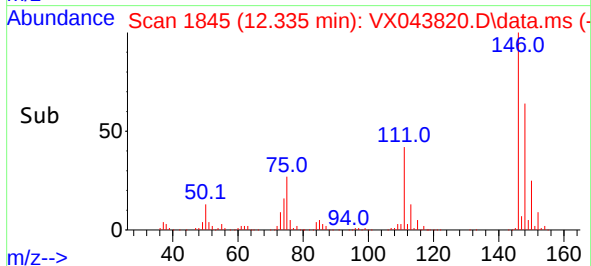
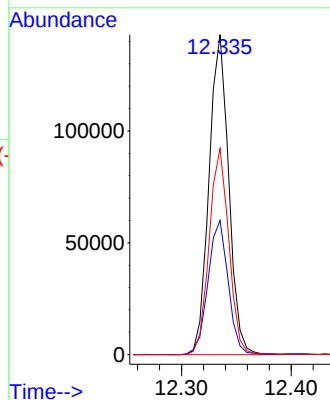
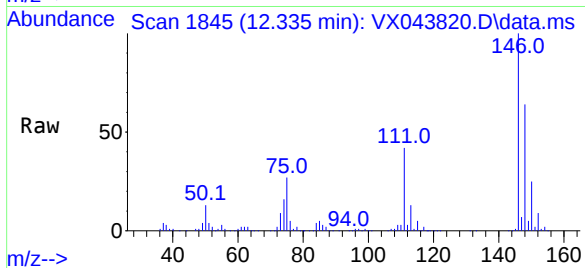
Tgt Ion:146 Resp: 178545

Ion Ratio Lower Upper

146 100

111 42.0 33.9 50.9

148 64.4 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 40.259 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043820.D

Acq: 12 Nov 2024 18:59

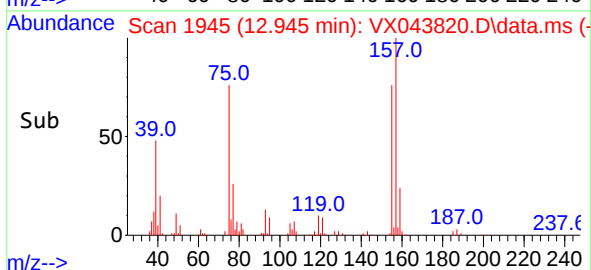
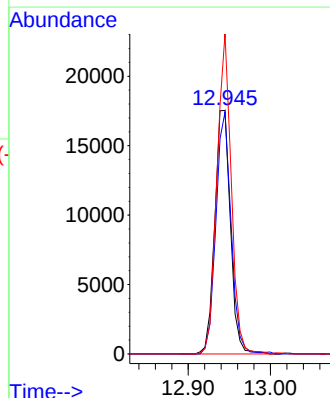
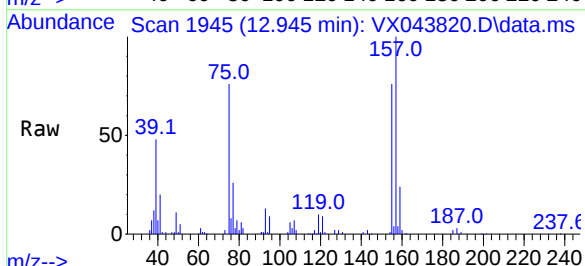
Tgt Ion: 75 Resp: 23128

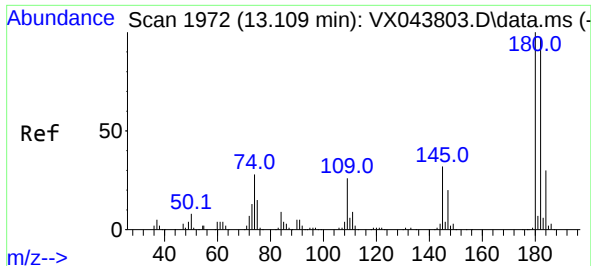
Ion Ratio Lower Upper

75 100

155 99.3 63.8 95.8#

157 131.4 80.3 120.5#



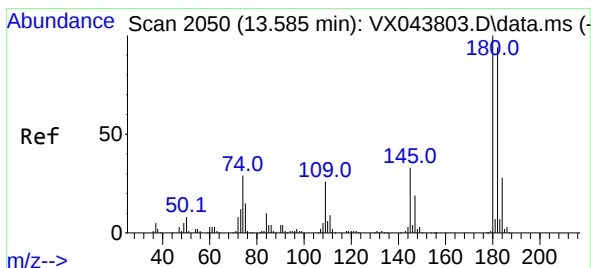
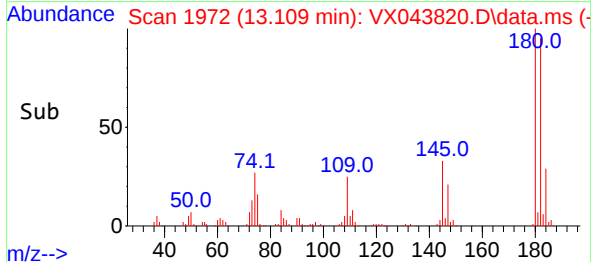
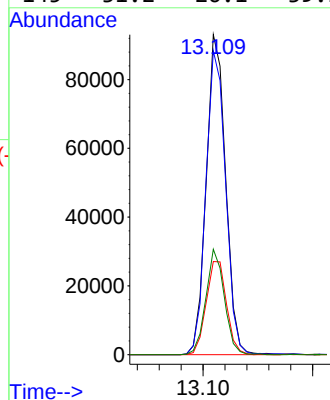
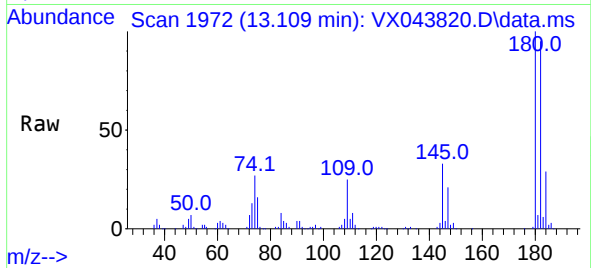


#69
 1,3,5-Trichlorobenzene
 Concen: 47.688 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VX043820.D
 Acq: 12 Nov 2024 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 E27P5MSD

Tgt Ion:180 Resp: 114656

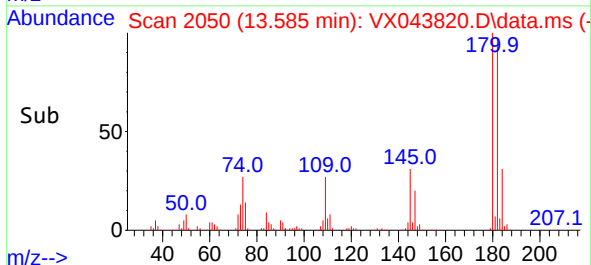
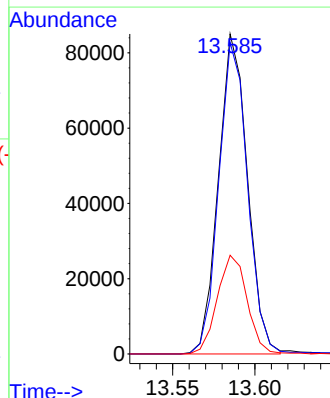
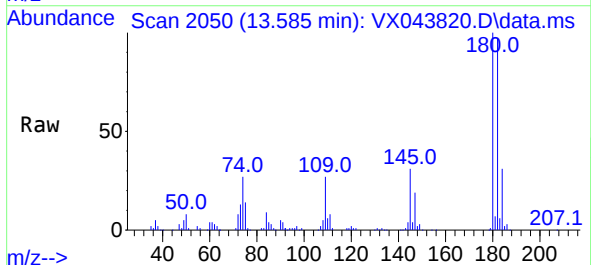
Ion	Ratio	Lower	Upper
180	100		
182	96.1	74.7	112.1
184	30.5	23.7	35.5
145	31.2	26.1	39.1

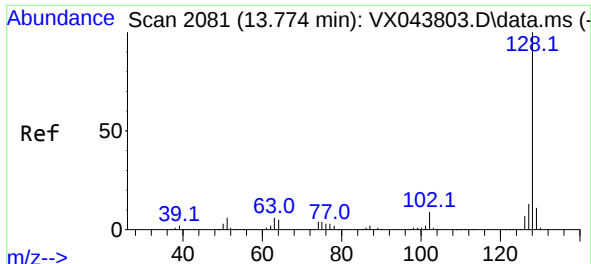


#70
 1,2,4-trichlorobenzene
 Concen: 47.249 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX043820.D
 Acq: 12 Nov 2024 18:59

Tgt Ion:180 Resp: 104162

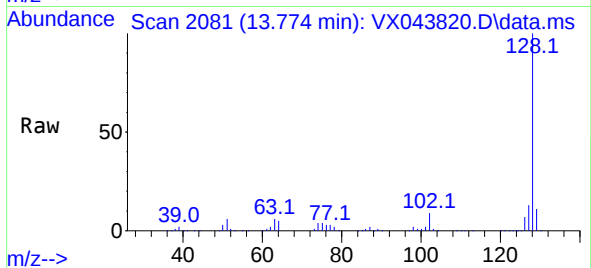
Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.9	113.9
145	31.9	26.9	40.3



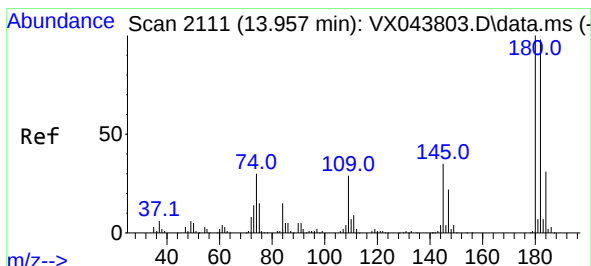
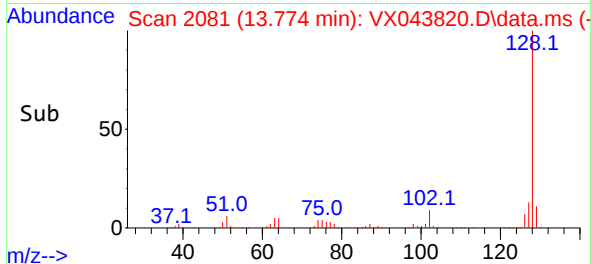
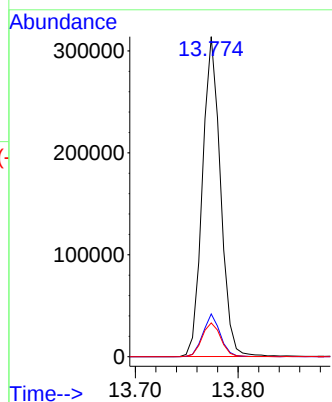


#71
Naphthalene
Concen: 46.862 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Instrument :
MSVOA_X
ClientSampleId :
E27P5MSD



Tgt Ion:128 Resp: 383642
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 48.041 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX043820.D
Acq: 12 Nov 2024 18:59

Tgt Ion:180 Resp: 109456
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.8
145 34.5 28.4 42.6

