

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110824\
 Data File : VX043775.D
 Acq On : 08 Nov 2024 19:26
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 00:02:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 23:56:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	359720	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	323044	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	151836	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	82337	42.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.940%
7) Chloroethane-d5	1.642	69	40899	49.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.300%
11) 1,1-Dichloroethene-d2	2.294	65	36017	40.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.420%
21) 2-Butanone-d5	4.465	46	99291	79.133	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.130%
24) Chloroform-d	5.056	84	176235	42.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.320%
26) 1,2-Dichloroethane-d4	5.952	65	104858	39.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.900%
32) Benzene-d6	5.964	84	357588	42.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.620%
36) 1,2-Dichloropropane-d6	7.306	67	105027	41.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.660%
41) Toluene-d8	8.647	98	325562	42.910	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.820%
43) trans-1,3-Dichloroprop...	8.945	79	47452	39.049	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.100%
47) 2-Hexanone-d5	9.384	63	84223	83.754	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.750%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	145804	44.722	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.440%
66) 1,2-Dichlorobenzene-d4	12.317	152	122146	46.430	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	103333	40.787	ug/L	99
3) Chloromethane	1.294	50	106033	43.066	ug/L	99
5) Vinyl chloride	1.374	62	108700	45.071	ug/L	98
6) Bromomethane	1.593	94	47638	50.973	ug/L	98
8) Chloroethane	1.660	64	42629	50.238	ug/L	94
9) Trichlorofluoromethane	1.867	101	139865	45.699	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	96395	45.859	ug/L	98
12) 1,1-Dichloroethene	2.306	96	89940	46.871	ug/L	85
13) Acetone	2.386	43	81018	69.424	ug/L	93
14) Carbon disulfide	2.502	76	157707	37.178	ug/L	99
15) Methyl Acetate	2.703	43	97479	39.502	ug/L	93
16) Methylene chloride	2.782	84	104728	45.175	ug/L	91
17) trans-1,2-Dichloroethene	3.087	96	95253	46.141	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	330811	42.154	ug/L	98
19) 1,1-Dichloroethane	3.605	63	174854	43.013	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	114944	44.829	ug/L	92
22) 2-Butanone	4.568	43	127038	75.244	ug/L	96
23) Bromochloromethane	4.897	128	60626	47.037	ug/L	93
25) Chloroform	5.093	83	189413	43.421	ug/L	99

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 Response via : Initial Calibration

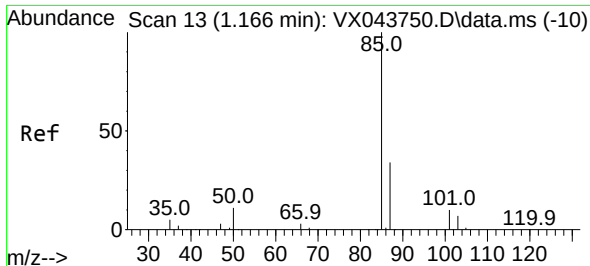
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	138779	41.173	ug/L	99
29) Cyclohexane	5.464	56	142447	38.002	ug/L	95
30) 1,1,1-Trichloroethane	5.373	97	159263	40.697	ug/L	98
31) Carbon tetrachloride	5.672	117	130826	40.750	ug/L	100
33) Benzene	6.031	78	396877	43.102	ug/L	100
34) Trichloroethene	7.123	95	104588	42.250	ug/L	98
35) Methylcyclohexane	7.373	83	142013	38.398	ug/L	97
37) 1,2-Dichloropropane	7.427	63	104516	42.611	ug/L	99
38) Bromodichloromethane	7.818	83	123579	39.613	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	160435	40.066	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	265056	79.395	ug/L	96
42) Toluene	8.714	91	424934	43.876	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	146780	40.200	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	113997	45.324	ug/L	97
46) Tetrachloroethene	9.269	164	82176	46.118	ug/L	96
48) 2-Hexanone	9.433	43	202267	81.054	ug/L	96
49) Dibromochloromethane	9.519	129	100525	42.880	ug/L	98
50) 1,2-Dibromoethane	9.610	107	117454	45.228	ug/L #	99
51) Chlorobenzene	10.079	112	282523	44.636	ug/L	96
52) Ethylbenzene	10.189	91	453985	43.125	ug/L	98
53) m,p-Xylene	10.299	106	182765	44.974	ug/L	96
54) o-Xylene	10.640	106	184373	45.509	ug/L	93
55) Styrene	10.652	104	309842	45.975	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	171946	45.646	ug/L	98
59) Bromoform	10.799	173	66318	41.757	ug/L	95
60) Isopropylbenzene	10.963	105	463418	44.017	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	125602	42.617	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	386496	43.675	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	388655	44.110	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	218163	47.109	ug/L	96
65) 1,4-Dichlorobenzene	12.036	146	211544	45.353	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	218710	46.215	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	28904	39.165	ug/L	92
69) 1,3,5-Trichlorobenzene	13.109	180	141446	45.795	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	128837	45.493	ug/L	99
71) Naphthalene	13.774	128	489782	46.571	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	135975	46.457	ug/L	98

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

Instrument :
MSVOA_X
ClientSampleId :

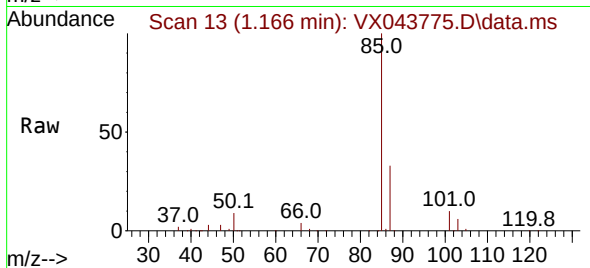
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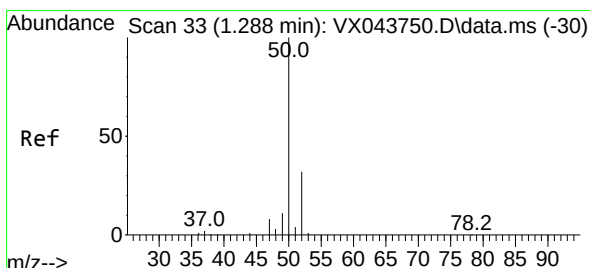
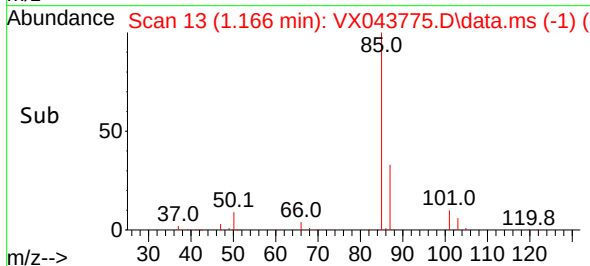
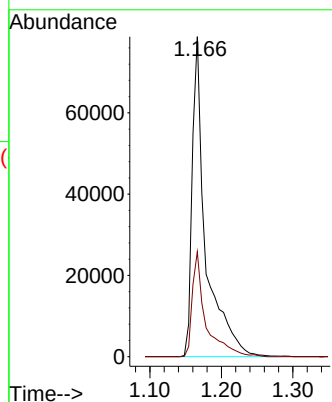


#2
 Dichlorodifluoromethane
 Concen: 40.787 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043775.D
 Acq: 08 Nov 2024 19:26

Instrument :
 MSVOA_X
 ClientSampleId :

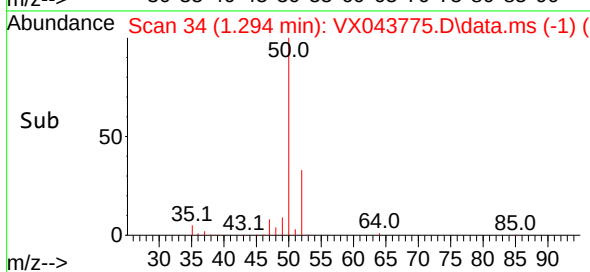
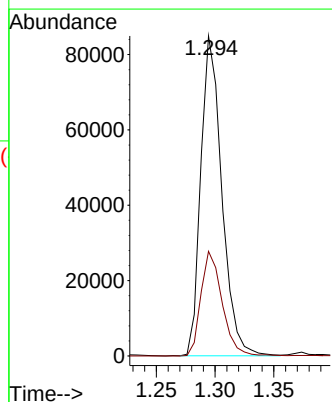
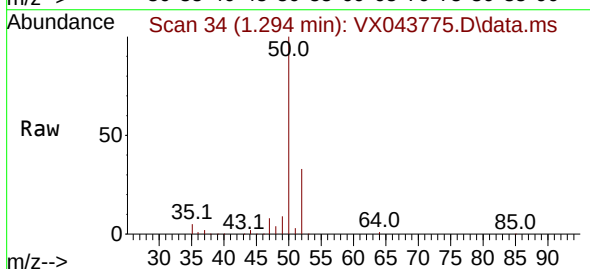


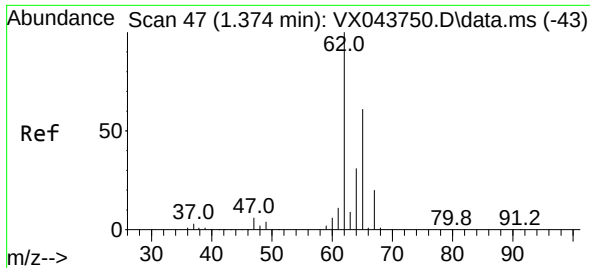
Tgt Ion: 85 Resp: 103333
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.6 38.4



#3
 Chloromethane
 Concen: 43.066 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VX043775.D
 Acq: 08 Nov 2024 19:26

Tgt Ion: 50 Resp: 106033
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.4 43.4

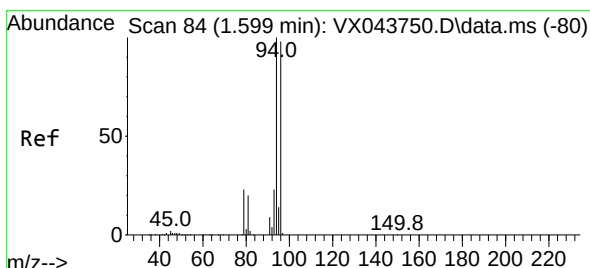
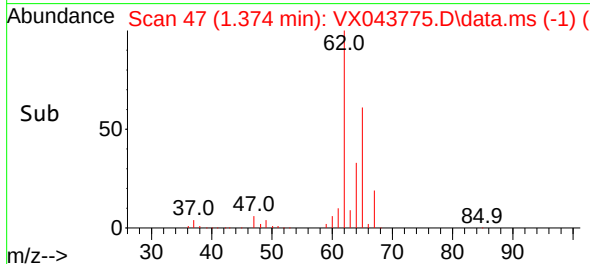
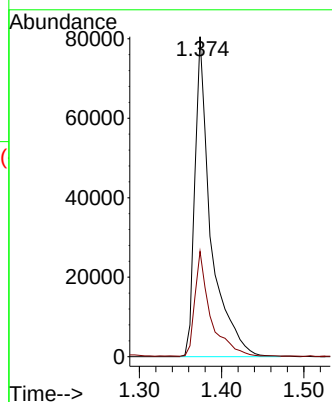
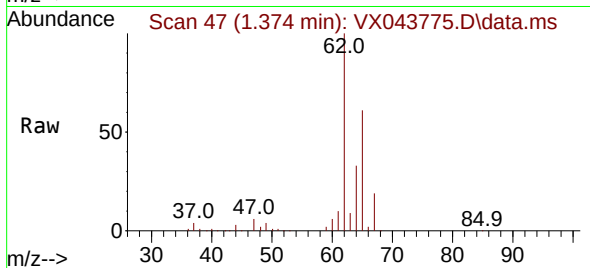




#5
 Vinyl chloride
 Concen: 45.071 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX043775.D
 Acq: 08 Nov 2024 19:26

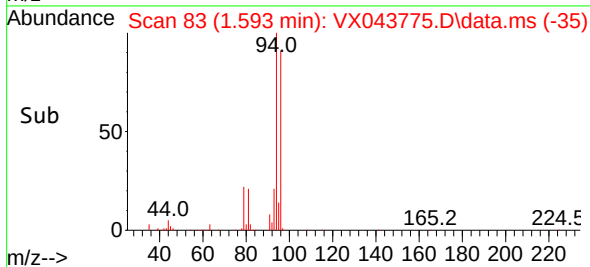
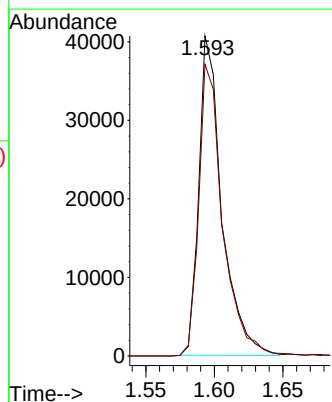
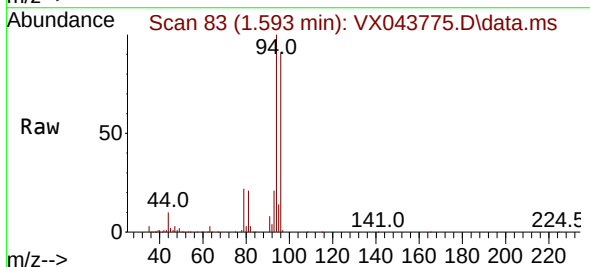
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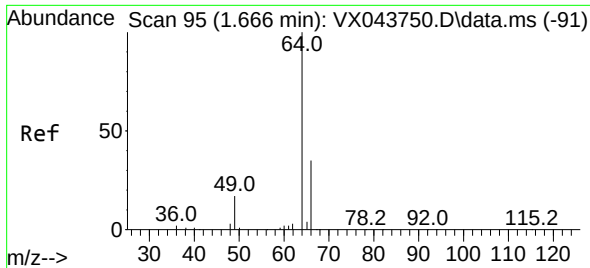
Tgt Ion: 62 Resp: 108700
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.0 44.6



#6
 Bromomethane
 Concen: 50.973 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: VX043775.D
 Acq: 08 Nov 2024 19:26

Tgt Ion: 94 Resp: 47638
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.0 120.8

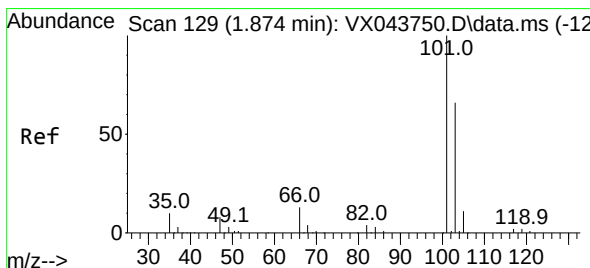
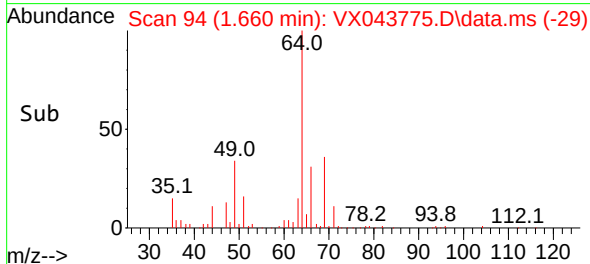
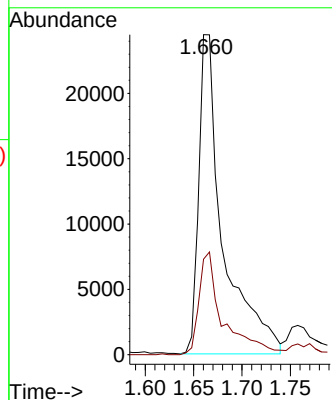
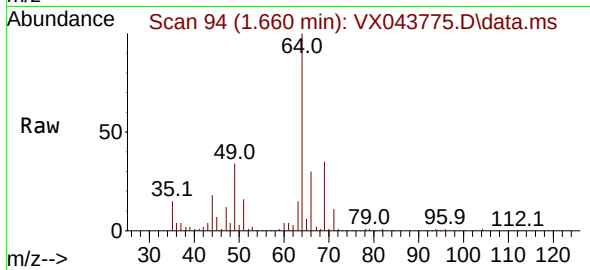




#8
Chloroethane
Concen: 50.238 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

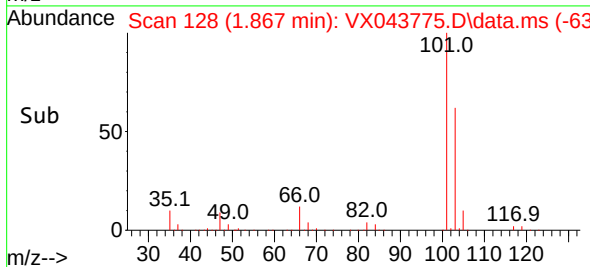
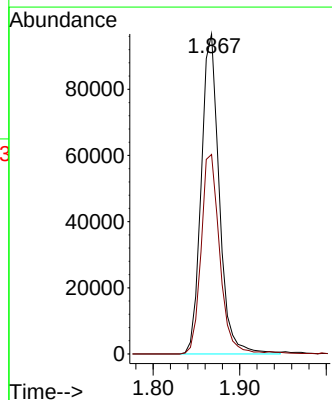
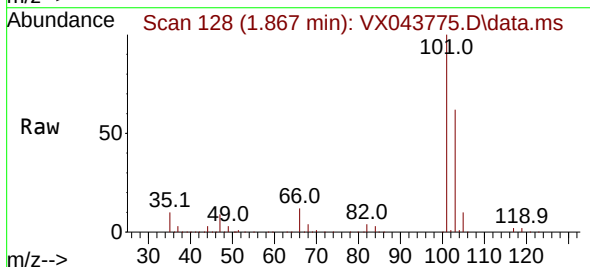
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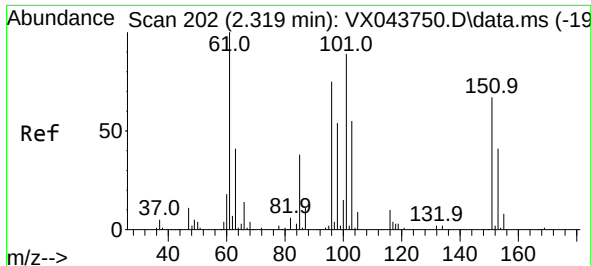
Tgt Ion: 64 Resp: 42629
Ion Ratio Lower Upper
64 100
66 29.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 45.699 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion:101 Resp: 139865
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

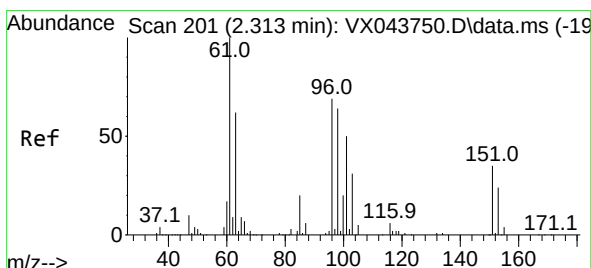
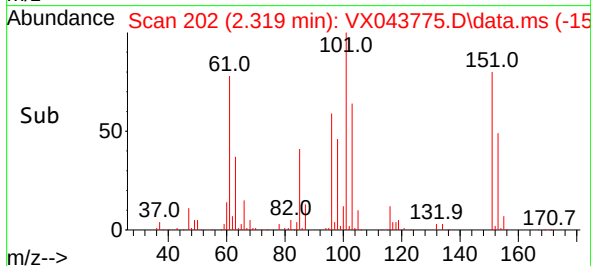
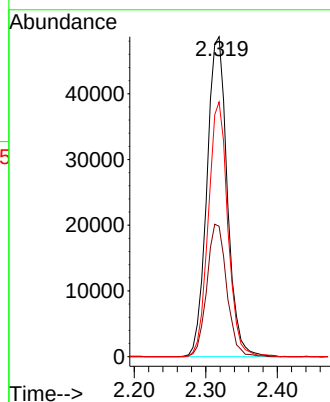
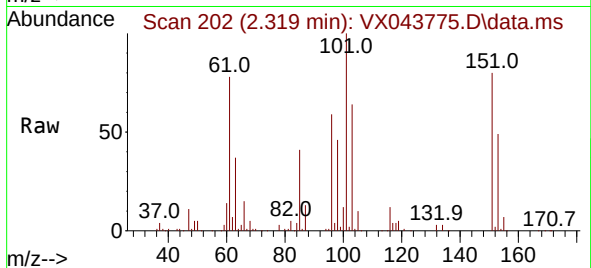




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.859 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX043775.D
 Acq: 08 Nov 2024 19:26

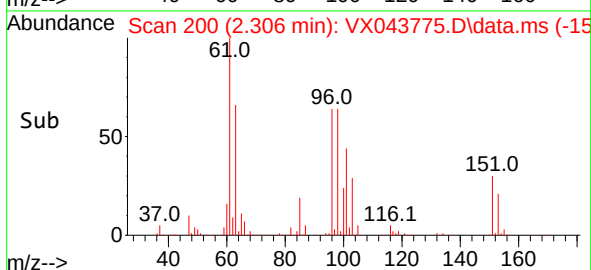
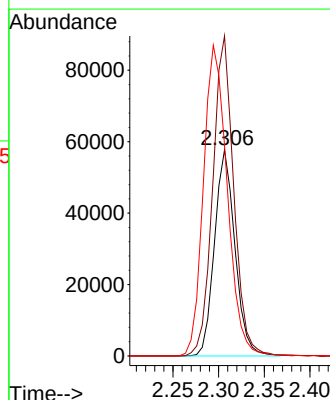
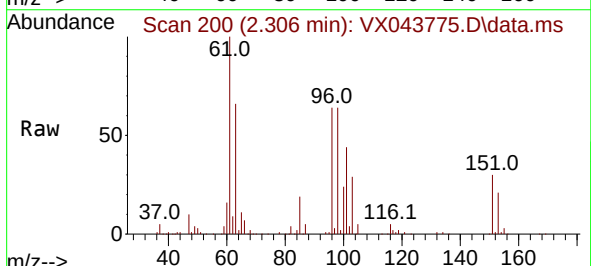
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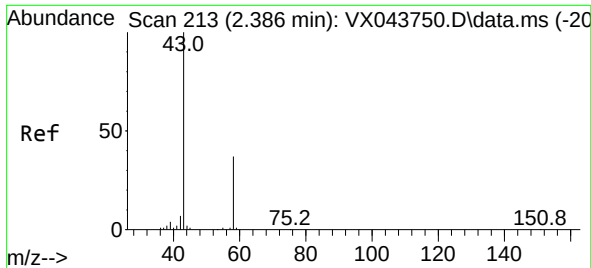
Tgt Ion:101 Resp: 96395
 Ion Ratio Lower Upper
 101 100
 85 40.2 34.0 51.0
 151 75.9 60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 46.871 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX043775.D
 Acq: 08 Nov 2024 19:26

Tgt Ion: 96 Resp: 89940
 Ion Ratio Lower Upper
 96 100
 61 155.2 119.7 222.3
 63 102.4 86.5 160.6





#13

Acetone

Concen: 69.424 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX043775.D

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Instrument :

MSVOA_X

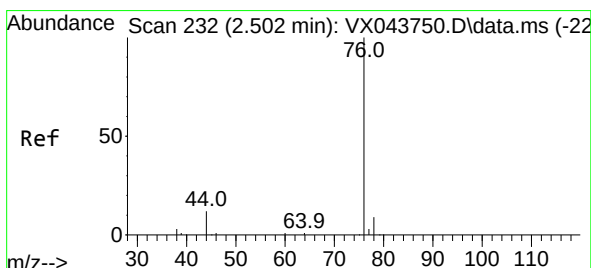
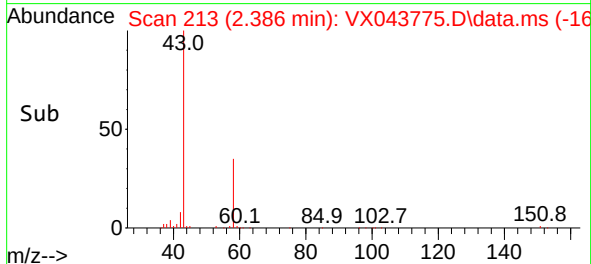
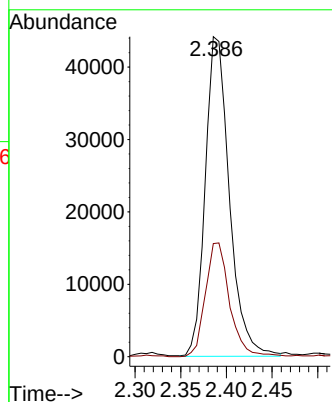
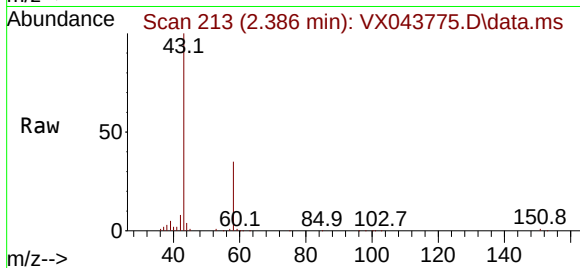
ClientSampleId :

Tgt Ion: 43 Resp: 81018

Ion Ratio Lower Upper

43 100

58 35.8 0.0 63.6



#14

Carbon disulfide

Concen: 37.178 ug/L

RT: 2.502 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX043775.D

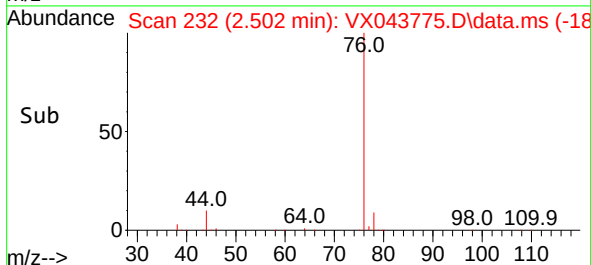
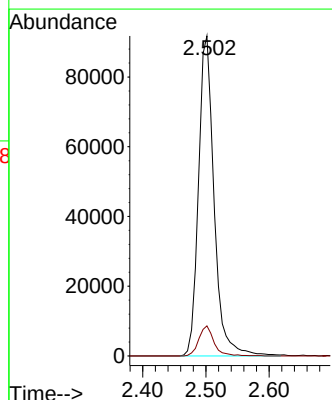
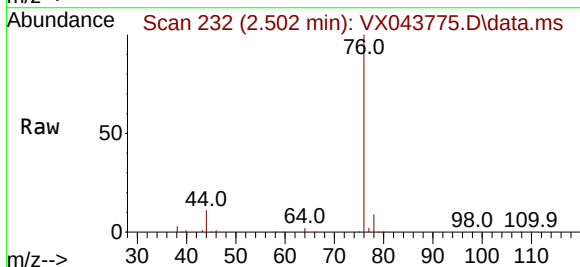
Acq: 08 Nov 2024 19:26

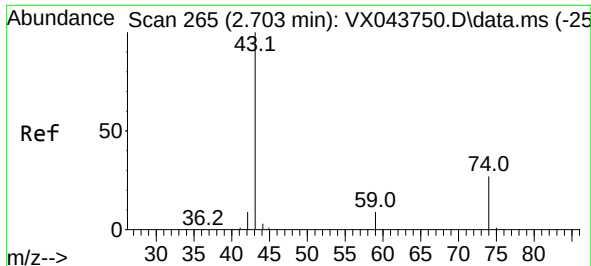
Tgt Ion: 76 Resp: 157707

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

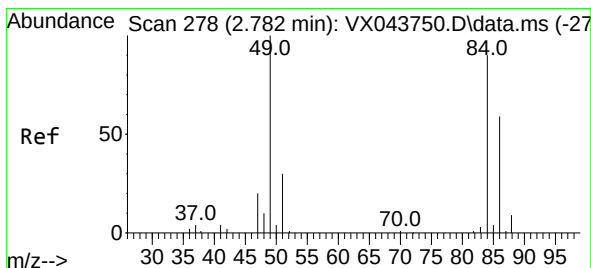
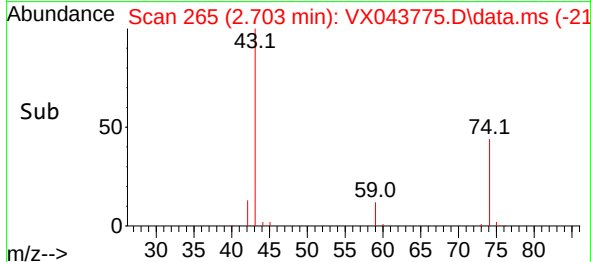
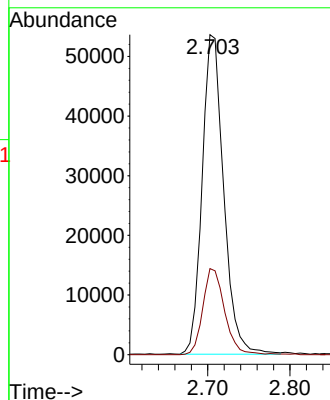
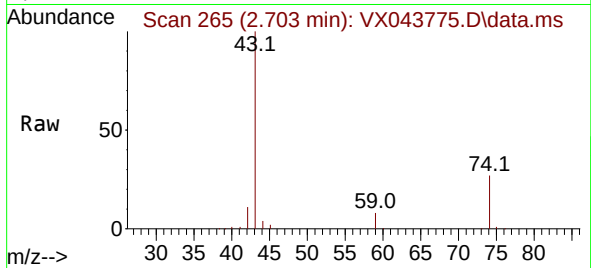




#15
Methyl Acetate
Concen: 39.502 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

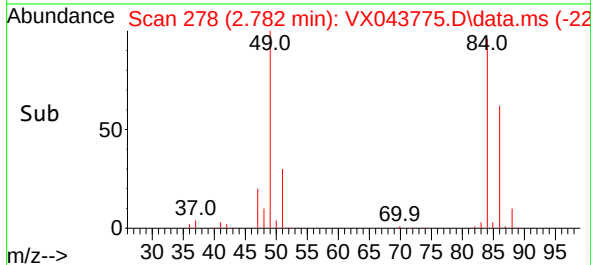
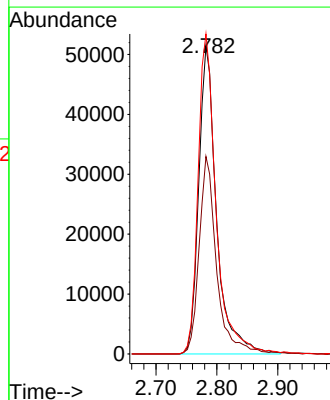
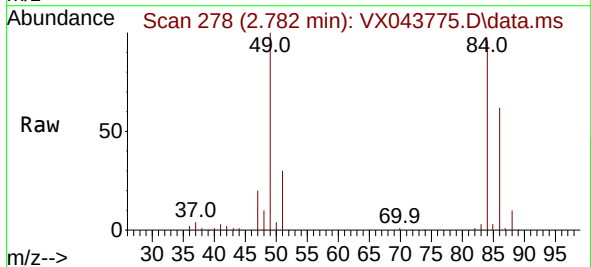
Instrument :
MSVOA_X
ClientSampleId :

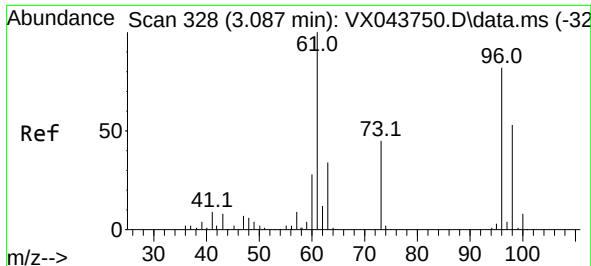
Tgt Ion: 43 Resp: 97479
Ion Ratio Lower Upper
43 100
74 27.1 18.9 28.3



#16
Methylene chloride
Concen: 45.175 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion: 84 Resp: 104728
Ion Ratio Lower Upper
84 100
86 64.2 44.7 83.1
49 104.0 83.2 154.4





#17

trans-1,2-Dichloroethene

Concen: 46.141 ug/L

RT: 3.087 min Scan# 31

Delta R.T. -0.000 min

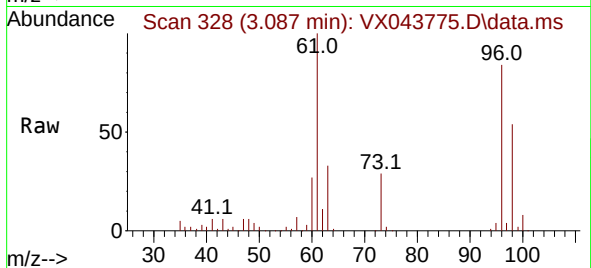
Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :



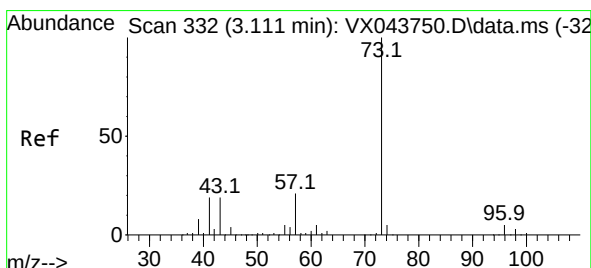
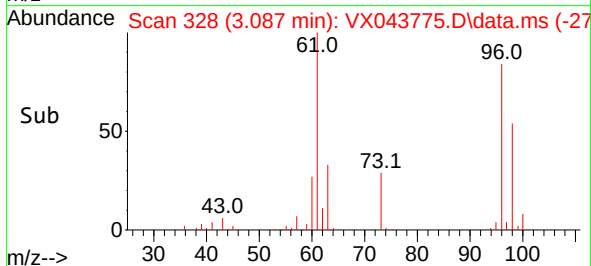
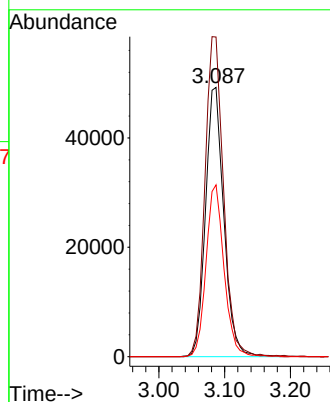
Tgt Ion: 96 Resp: 95253

Ion Ratio Lower Upper

96 100

61 118.8 93.4 173.6

98 63.8 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 42.154 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

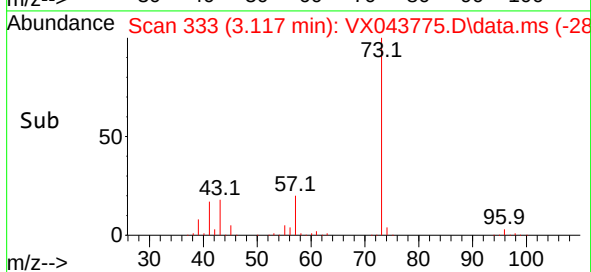
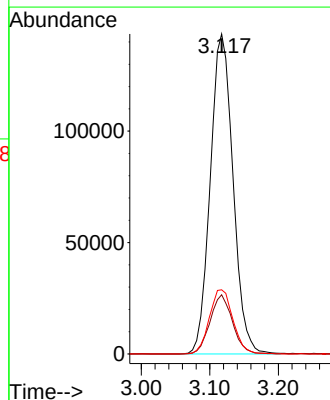
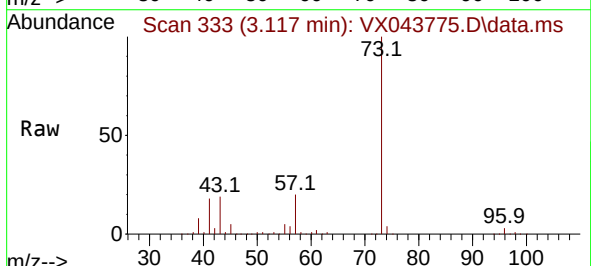
Tgt Ion: 73 Resp: 330811

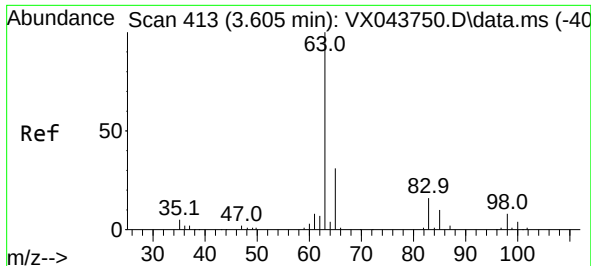
Ion Ratio Lower Upper

73 100

43 18.2 15.5 23.3

57 20.8 17.2 25.8





#19

1,1-Dichloroethane

Concen: 43.013 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

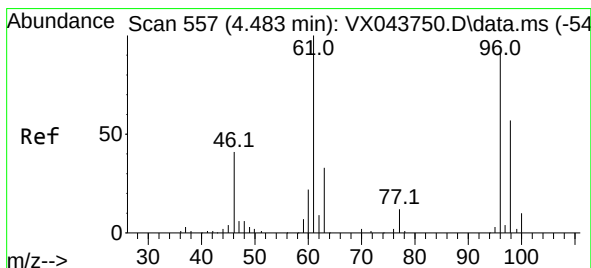
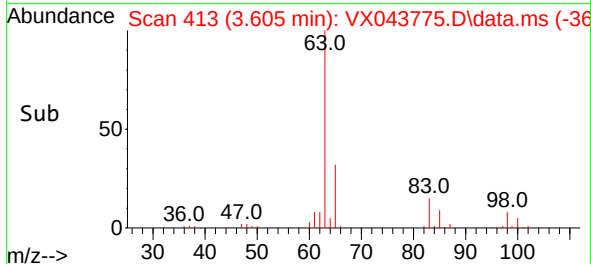
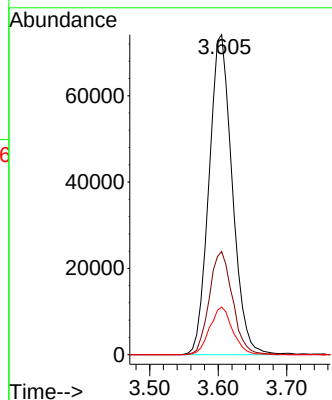
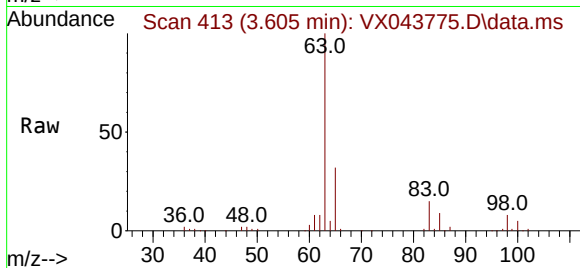
Tgt Ion: 63 Resp: 174854

Ion Ratio Lower Upper

63 100

65 32.2 23.2 43.2

83 14.8 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 44.829 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

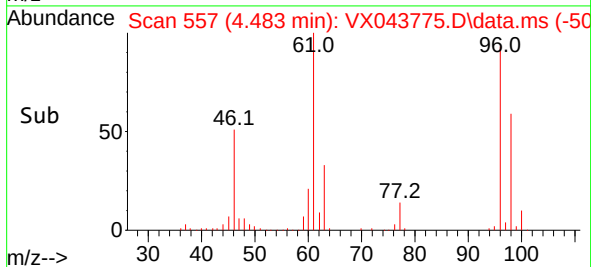
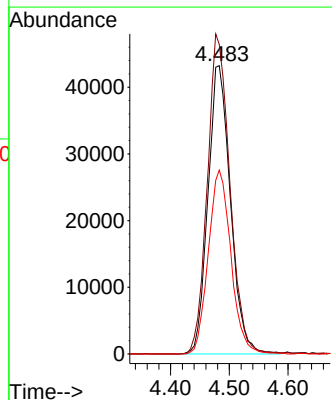
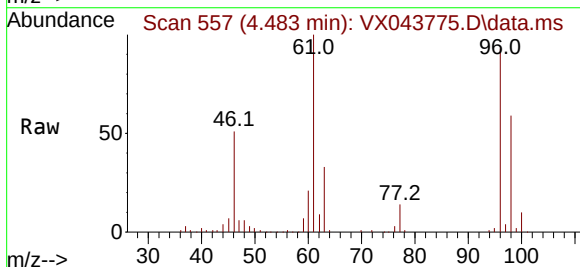
Tgt Ion: 96 Resp: 114944

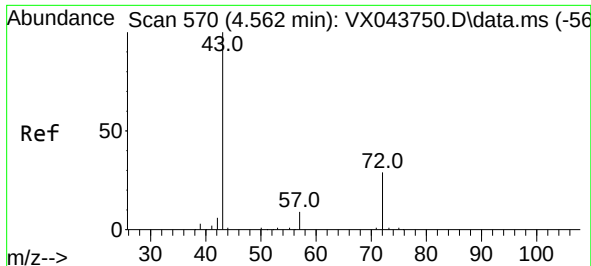
Ion Ratio Lower Upper

96 100

61 107.4 85.2 158.2

98 63.8 44.6 82.8

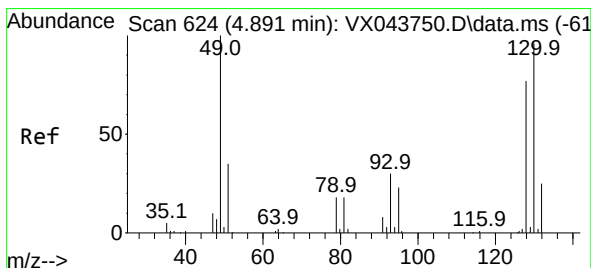
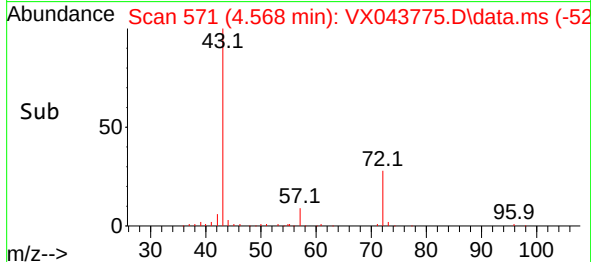
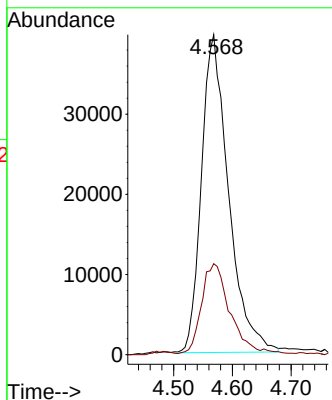
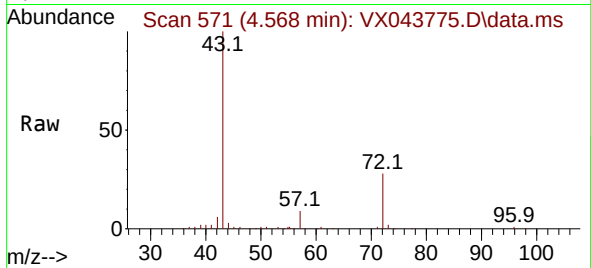




#22
2-Butanone
Concen: 75.244 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

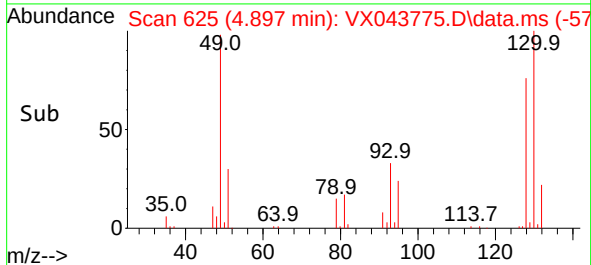
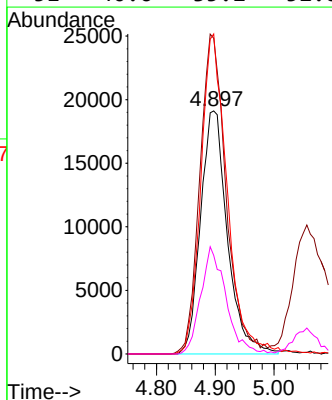
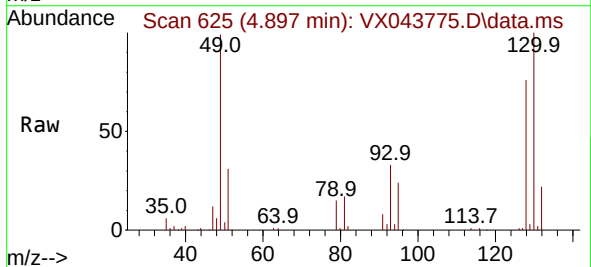
Instrument :
MSVOA_X
ClientSampleId :

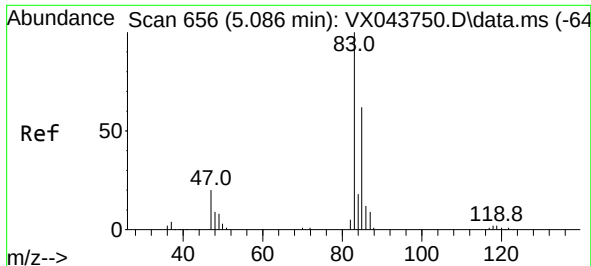
Tgt Ion: 43 Resp: 127038
Ion Ratio Lower Upper
43 100
72 29.3 13.6 40.8



#23
Bromochloromethane
Concen: 47.037 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion: 128 Resp: 60626
Ion Ratio Lower Upper
128 100
49 129.9 101.4 188.4
130 131.7 91.5 169.9
51 40.6 35.2 52.8





#25

Chloroform

Concen: 43.421 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

Instrument :

MSVOA_X

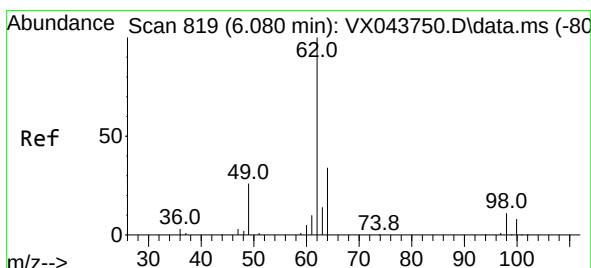
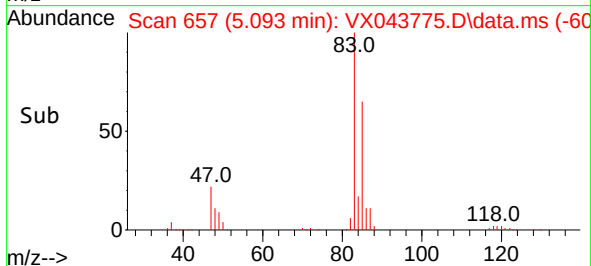
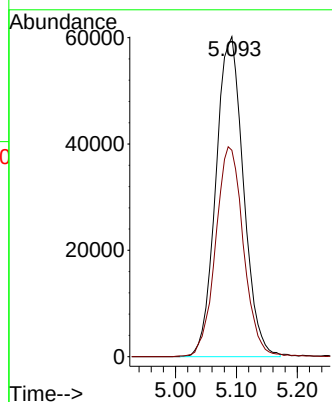
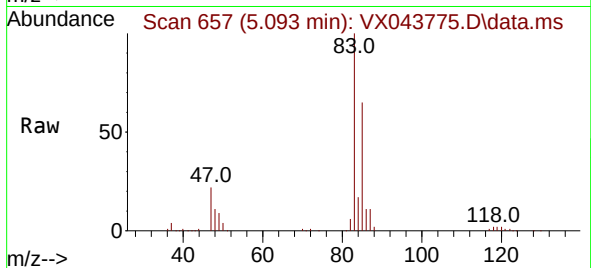
ClientSampleId :

Tgt Ion: 83 Resp: 189413

Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.4



#27

1,2-Dichloroethane

Concen: 41.173 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX043775.D

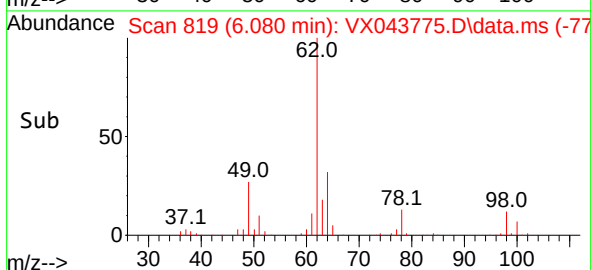
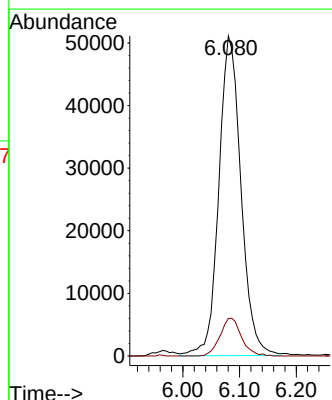
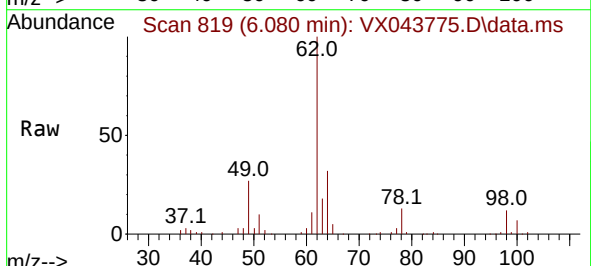
Acq: 08 Nov 2024 19:26

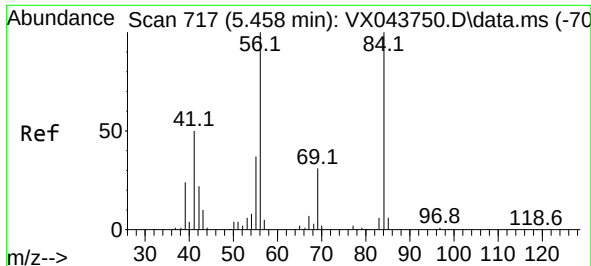
Tgt Ion: 62 Resp: 138779

Ion Ratio Lower Upper

62 100

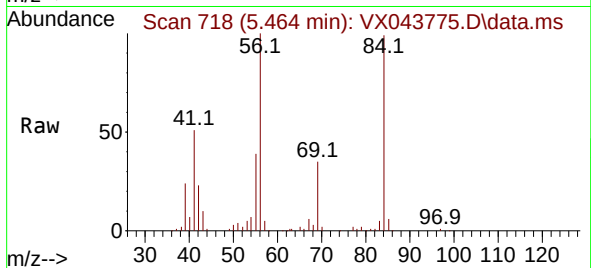
98 11.7 9.0 13.6



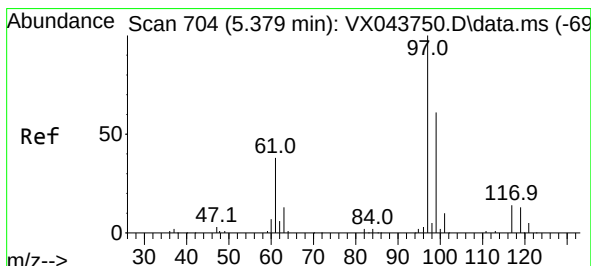
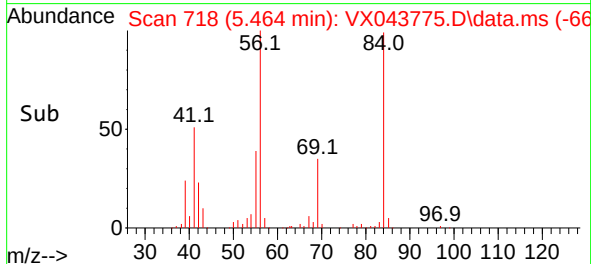
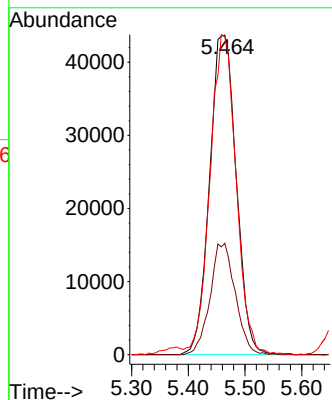


#29
Cyclohexane
Concen: 38.002 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Instrument :
MSVOA_X
ClientSampleId :

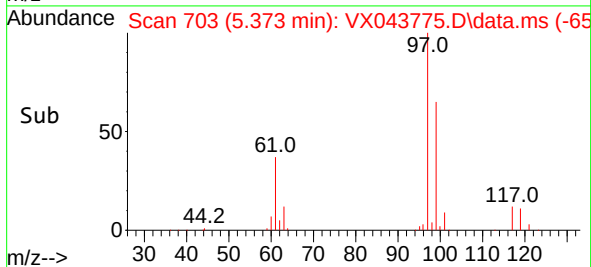
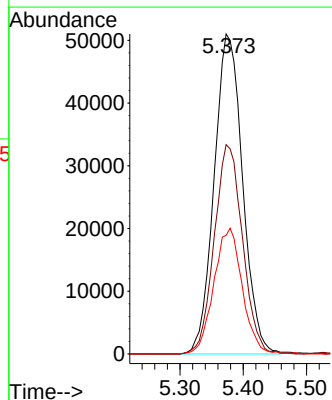
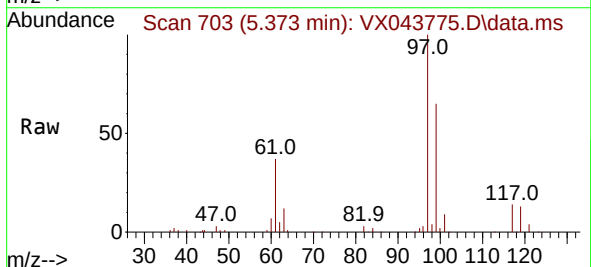


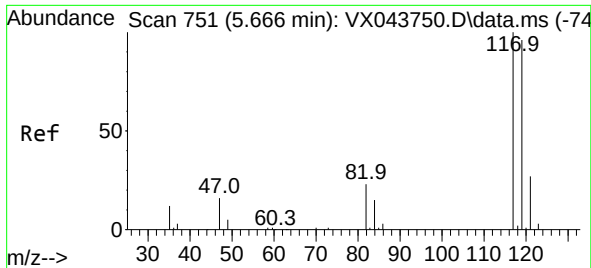
Tgt Ion: 56 Resp: 142447
Ion Ratio Lower Upper
56 100
69 33.1 25.2 37.8
84 97.0 72.9 109.3



#30
1,1,1-Trichloroethane
Concen: 40.697 ug/L
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion: 97 Resp: 159263
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 39.1 32.6 49.0

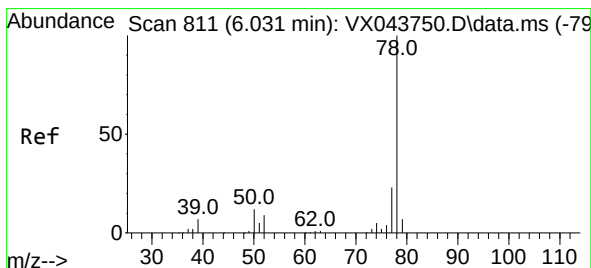
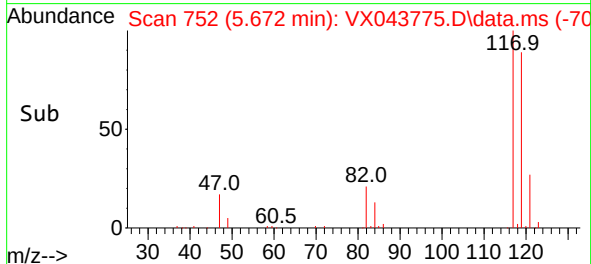
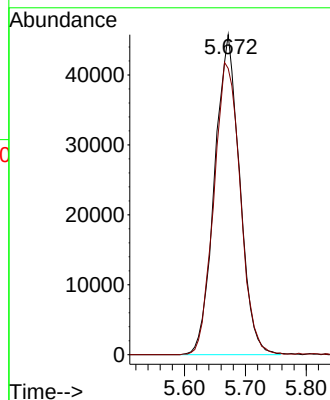
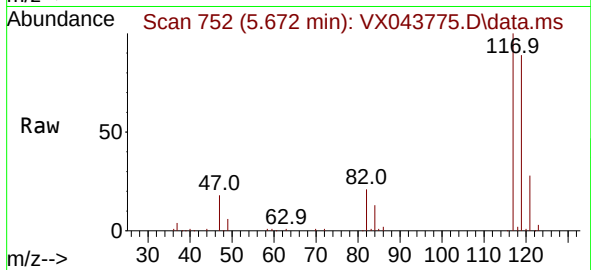




#31
Carbon tetrachloride
Concen: 40.750 ug/L
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

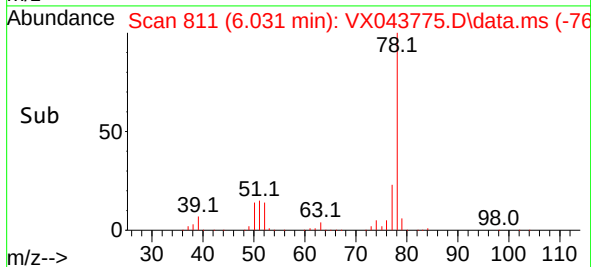
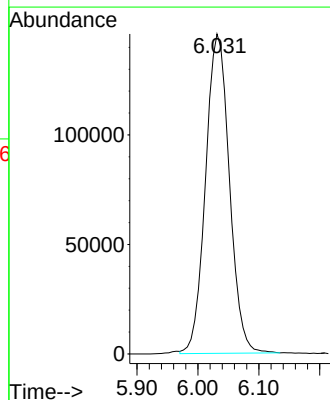
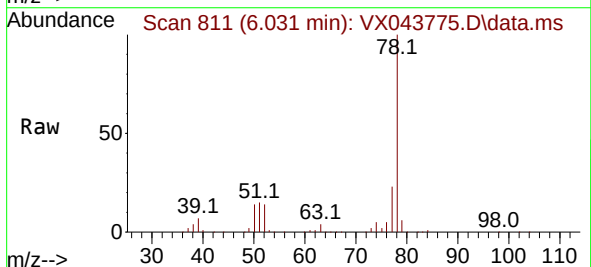
Instrument :
MSVOA_X
ClientSampleId :

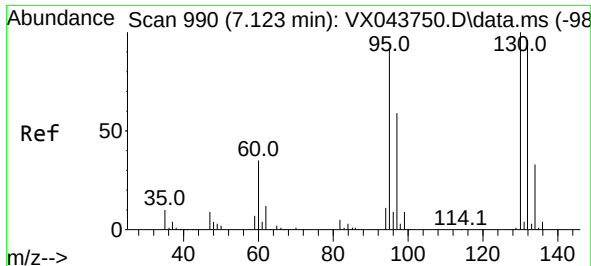
Tgt Ion:117 Resp: 130826
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.0



#33
Benzene
Concen: 43.102 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

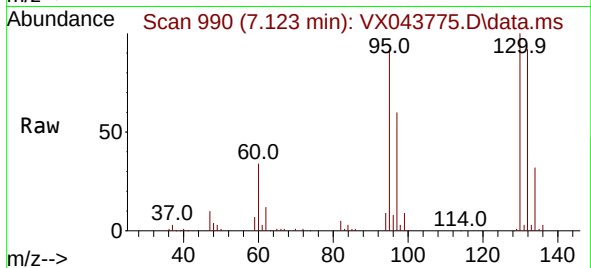
Tgt Ion: 78 Resp: 396877



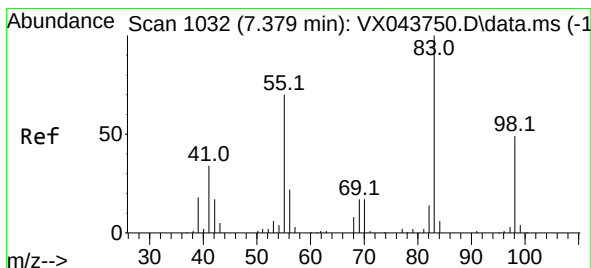
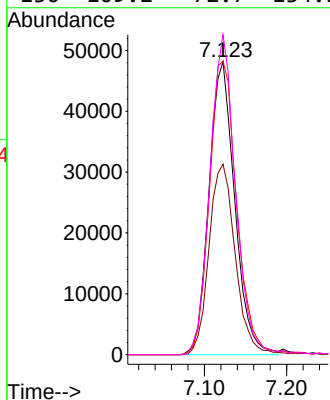
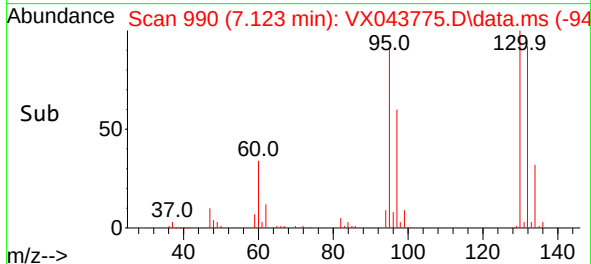


#34
Trichloroethene
Concen: 42.250 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

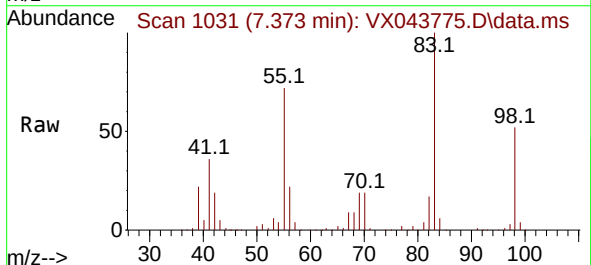
Instrument :
MSVOA_X
ClientSampleId :



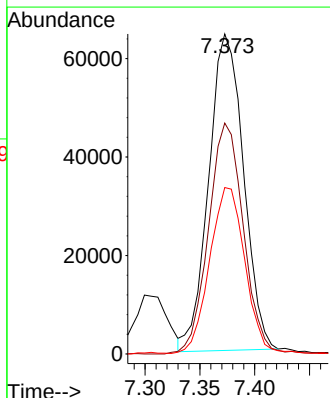
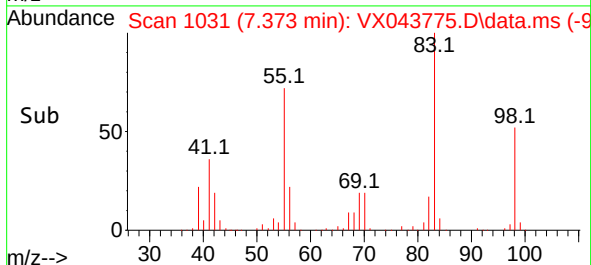
Tgt Ion: 95 Resp: 104588
Ion Ratio Lower Upper
95 100
97 65.0 45.4 84.2
132 100.2 69.7 129.5
130 109.2 72.7 134.9

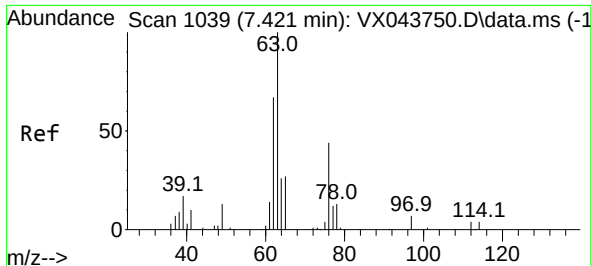


#35
Methylcyclohexane
Concen: 38.398 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26



Tgt Ion: 83 Resp: 142013
Ion Ratio Lower Upper
83 100
55 72.9 58.6 88.0
98 53.4 39.0 58.4

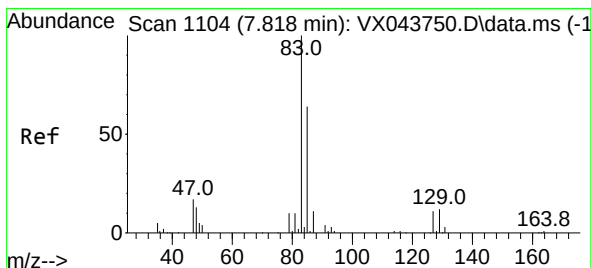
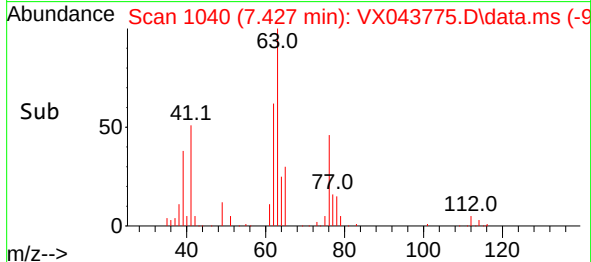
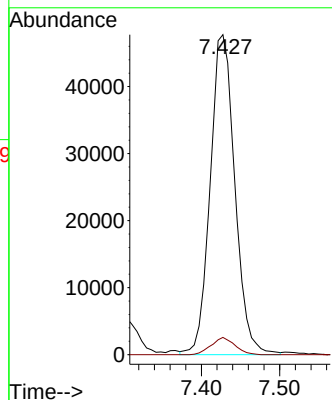
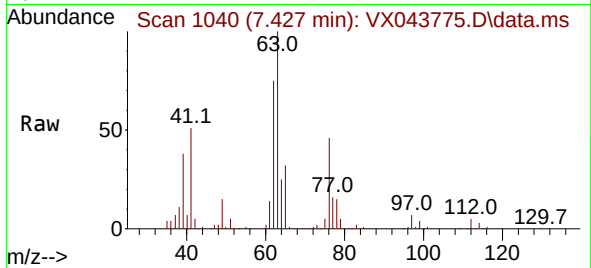




#37
1,2-Dichloropropane
Concen: 42.611 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

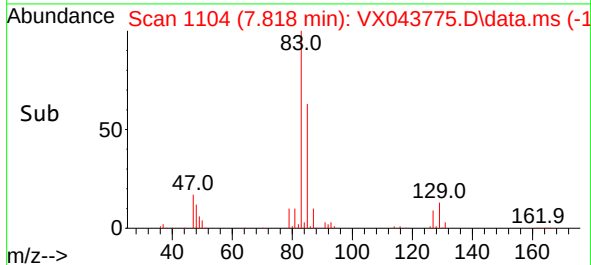
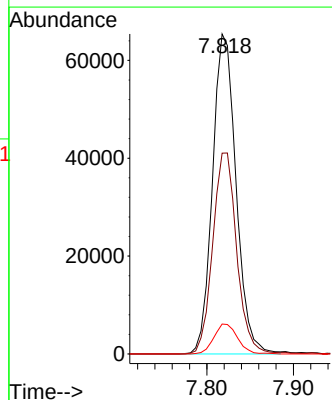
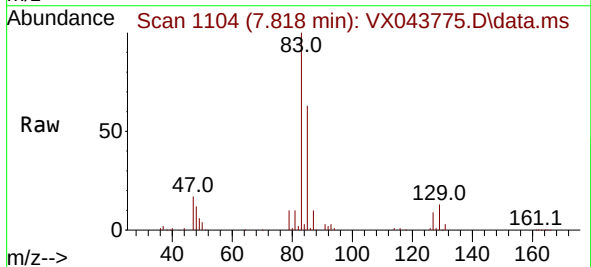
Instrument :
MSVOA_X
ClientSampleId :

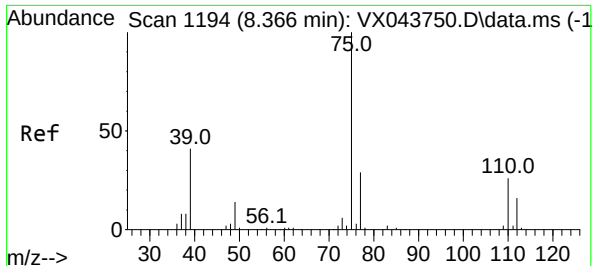
Tgt Ion: 63 Resp: 104516
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8



#38
Bromodichloromethane
Concen: 39.613 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion: 83 Resp: 123579
Ion Ratio Lower Upper
83 100
85 62.8 43.8 81.3
127 9.4 6.8 10.2

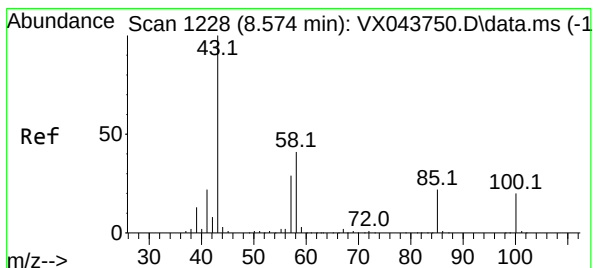
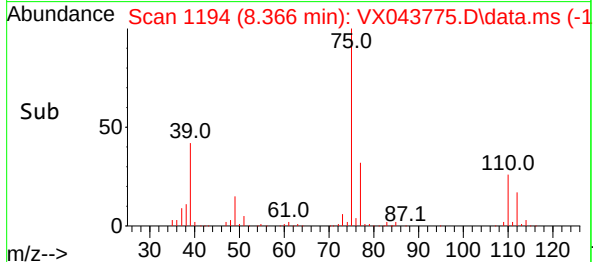
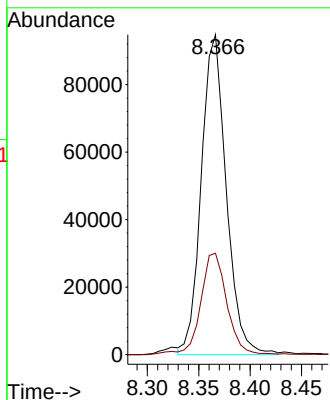
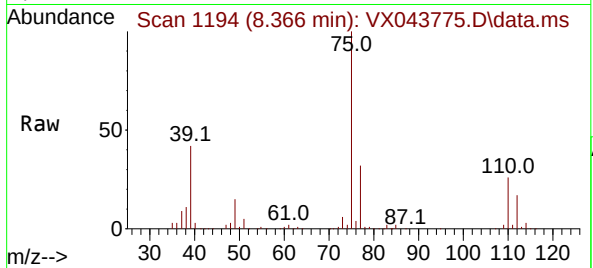




#39
cis-1,3-Dichloropropene
Concen: 40.066 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

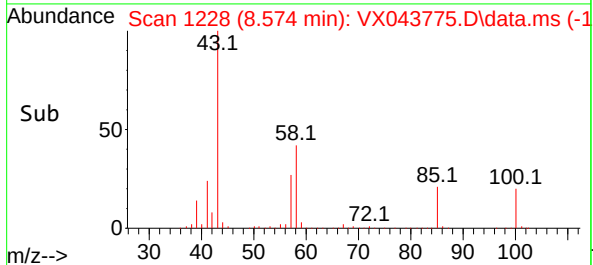
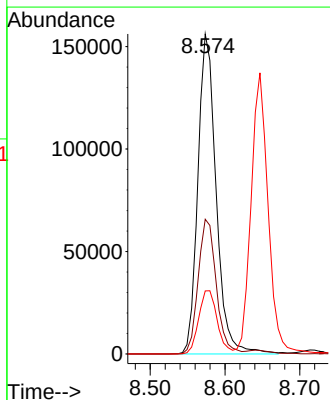
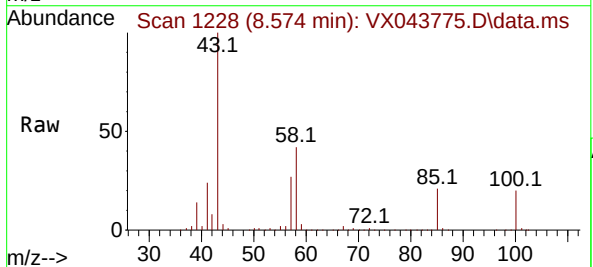
Instrument :
MSVOA_X
ClientSampleId :

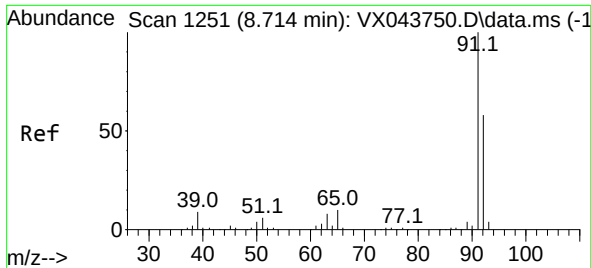
Tgt Ion: 75 Resp: 160435
Ion Ratio Lower Upper
75 100
77 31.7 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 79.395 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion: 43 Resp: 265056
Ion Ratio Lower Upper
43 100
58 41.5 31.6 47.4
100 20.1 13.8 20.6





#42

Toluene

Concen: 43.876 ug/L

RT: 8.714 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

Instrument :

MSVOA_X

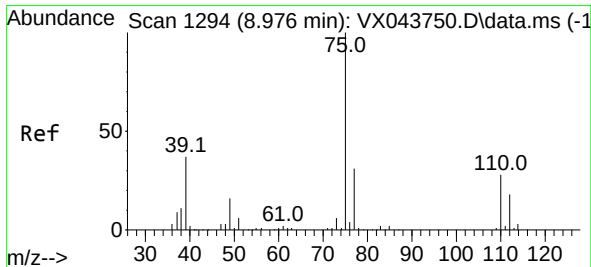
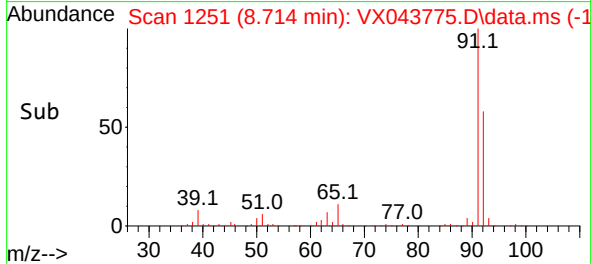
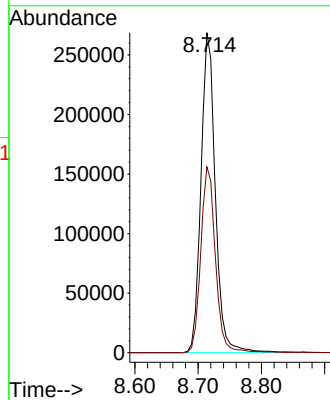
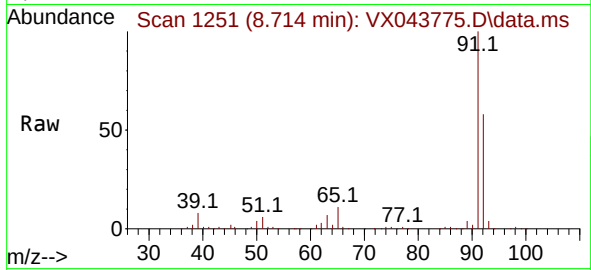
ClientSampleId :

Tgt Ion: 91 Resp: 424934

Ion Ratio Lower Upper

91 100

92 58.0 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 40.200 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043775.D

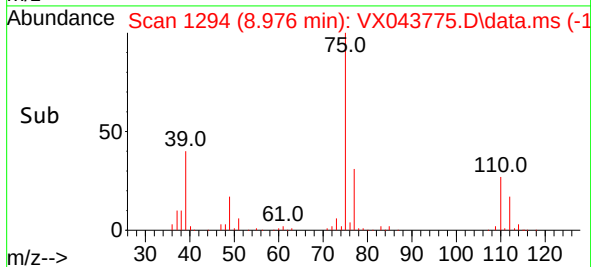
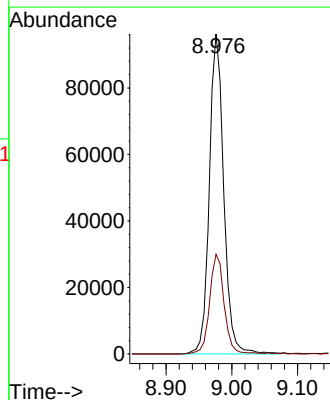
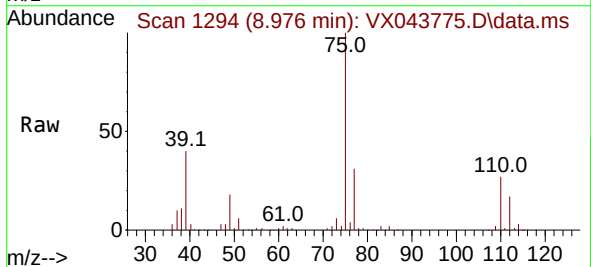
Acq: 08 Nov 2024 19:26

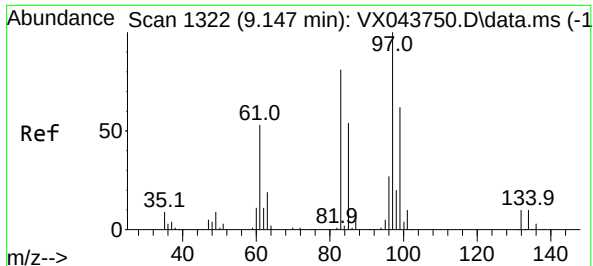
Tgt Ion: 75 Resp: 146780

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 45.324 ug/L

RT: 9.153 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 113997

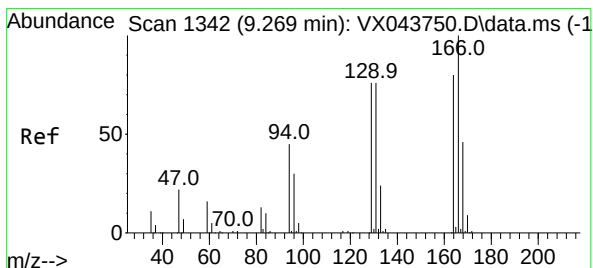
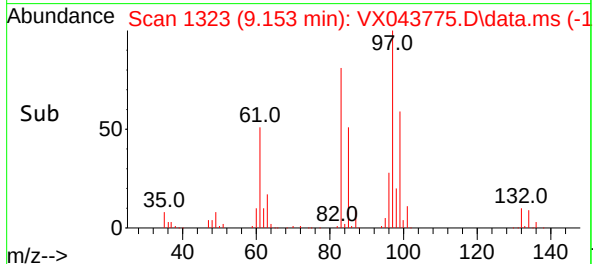
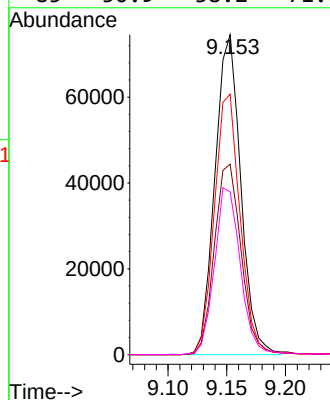
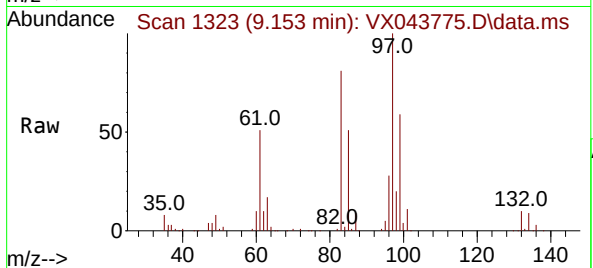
Ion Ratio Lower Upper

97 100

99 59.5 42.8 79.4

83 81.5 58.4 108.4

85 50.9 38.2 71.0



#46

Tetrachloroethene

Concen: 46.118 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

Tgt Ion:164 Resp: 82176

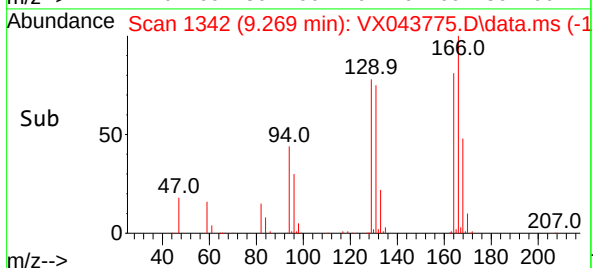
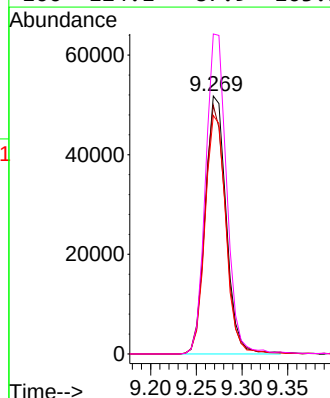
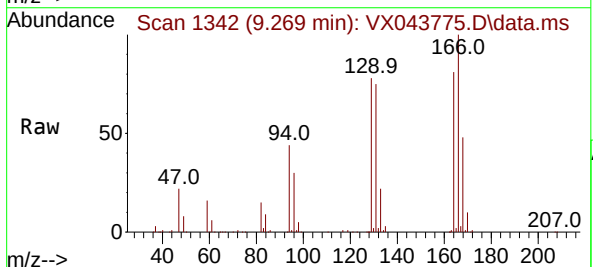
Ion Ratio Lower Upper

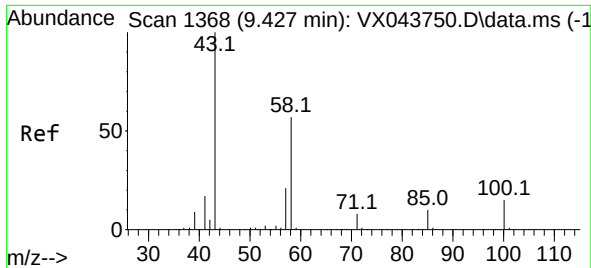
164 100

129 96.4 72.2 134.2

131 92.5 69.0 128.2

166 124.1 87.9 163.3



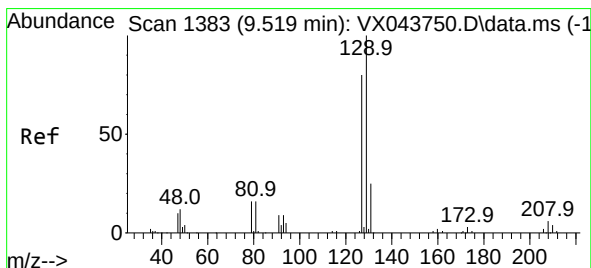
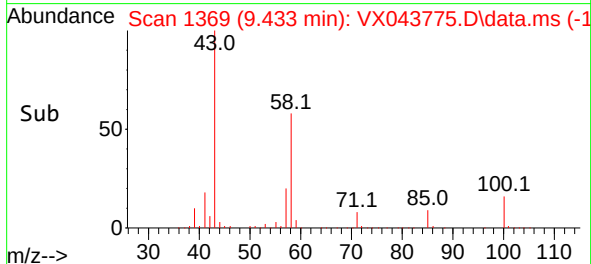
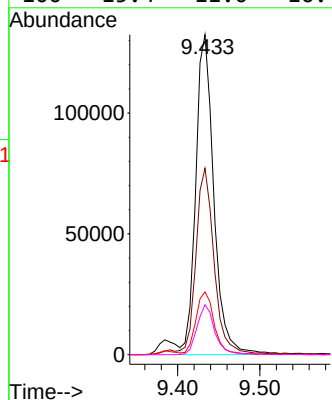
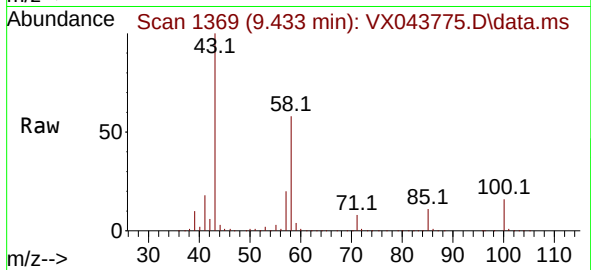


#48
2-Hexanone
Concen: 81.054 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 202267

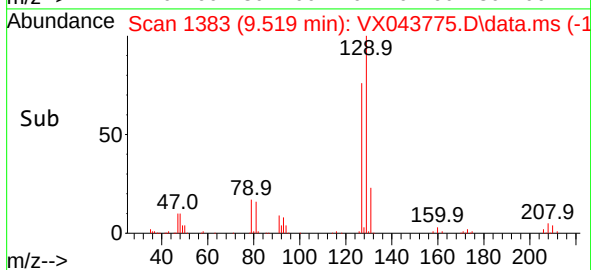
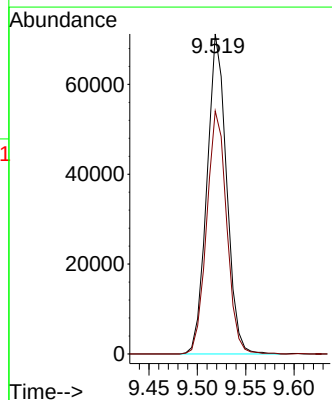
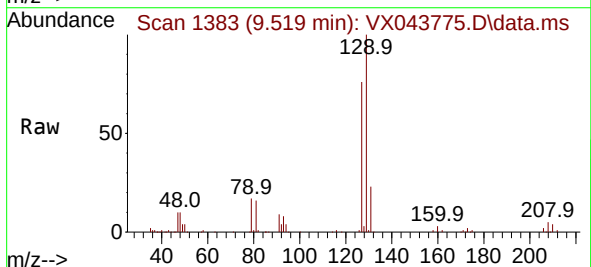
Ion	Ratio	Lower	Upper
43	100		
58	59.0	44.6	67.0
57	20.2	15.7	23.5
100	15.4	11.0	16.4

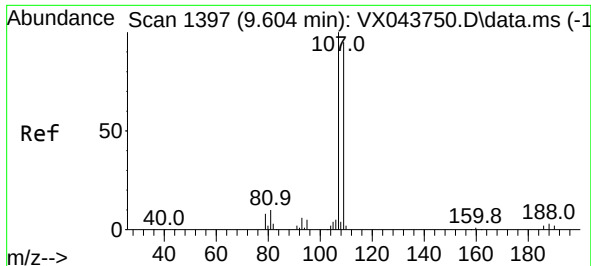


#49
Dibromochloromethane
Concen: 42.880 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion: 129 Resp: 100525

Ion	Ratio	Lower	Upper
129	100		
127	76.0	54.2	100.6

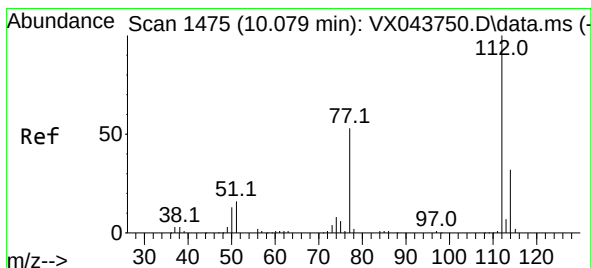
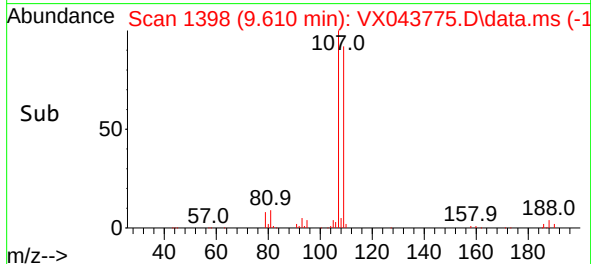
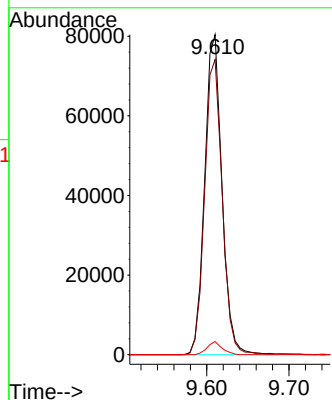
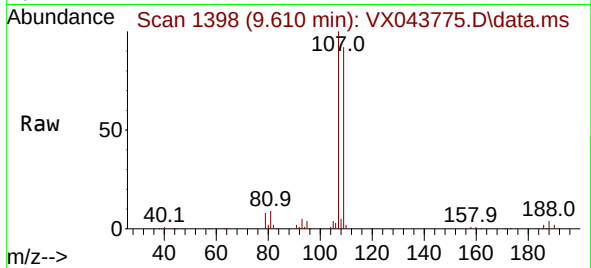




#50
1,2-Dibromoethane
Concen: 45.228 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

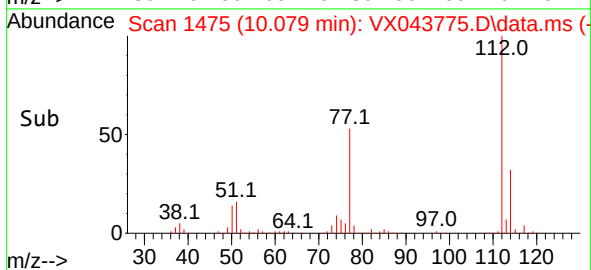
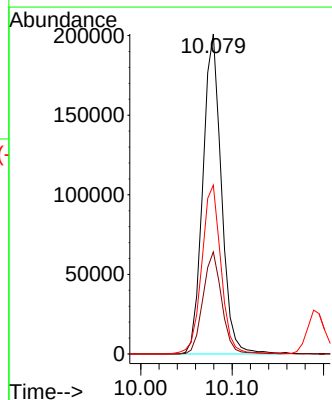
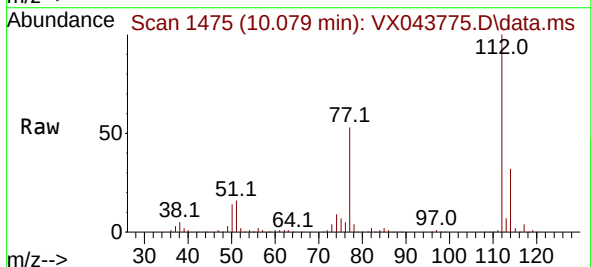
Instrument :
MSVOA_X
ClientSampleId :

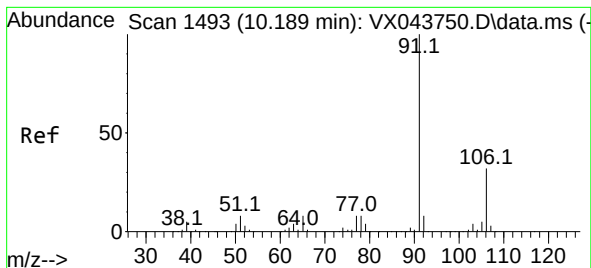
Tgt Ion:107 Resp: 117454
Ion Ratio Lower Upper
107 100
109 92.2 64.9 120.5
188 4.1 2.6 4.0#



#51
Chlorobenzene
Concen: 44.636 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion:112 Resp: 282523
Ion Ratio Lower Upper
112 100
114 31.9 22.6 42.0
77 52.7 45.9 68.9

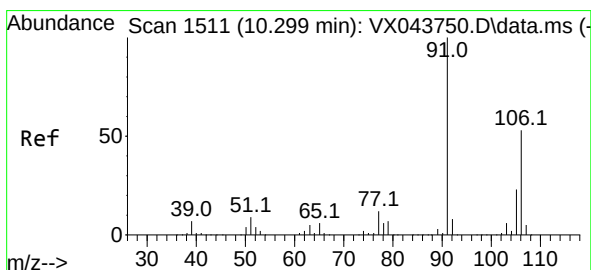
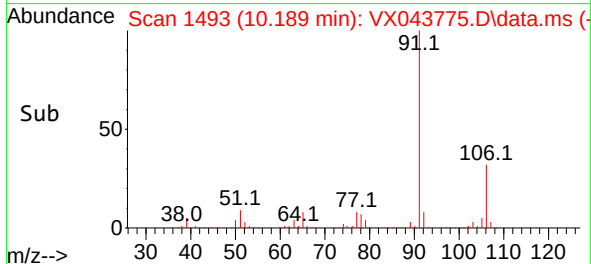
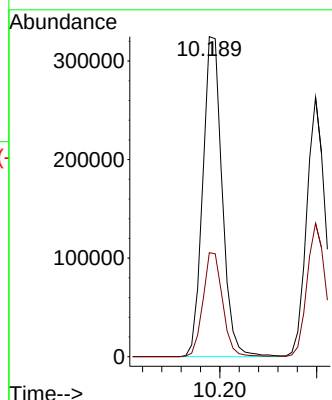
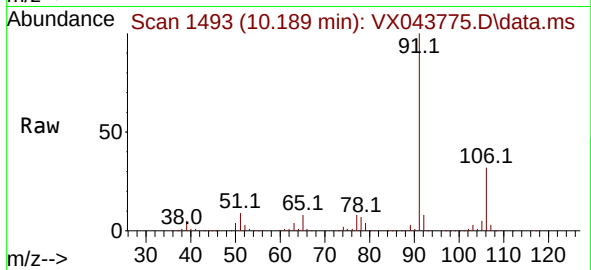




#52
Ethylbenzene
Concen: 43.125 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

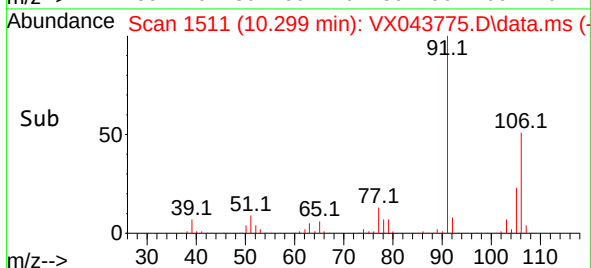
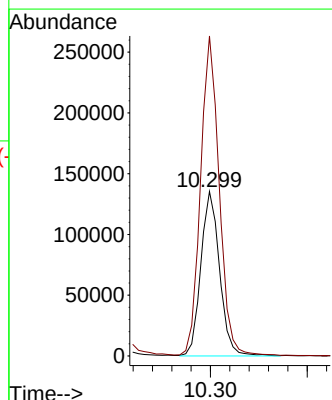
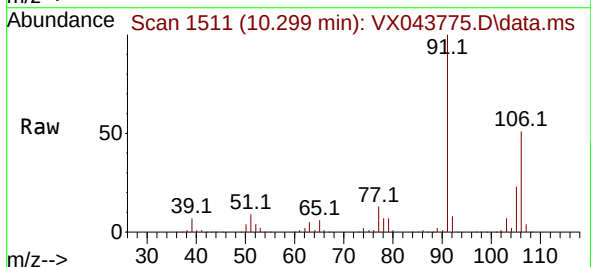
Instrument :
MSVOA_X
ClientSampleId :

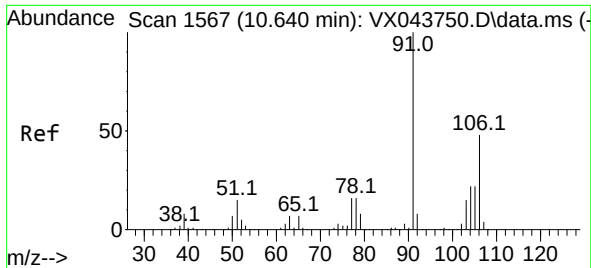
Tgt Ion: 91 Resp: 453985
Ion Ratio Lower Upper
91 100
106 32.5 21.9 40.7



#53
m,p-Xylene
Concen: 44.974 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion: 106 Resp: 182765
Ion Ratio Lower Upper
106 100
91 194.5 140.6 261.2

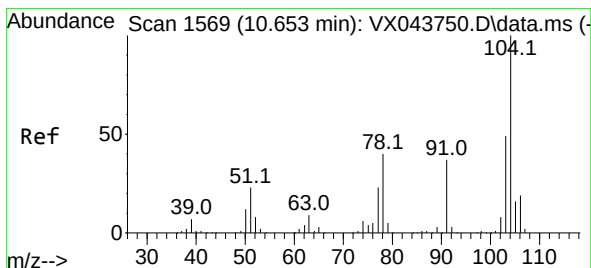
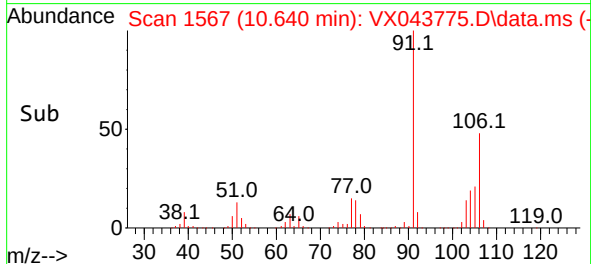
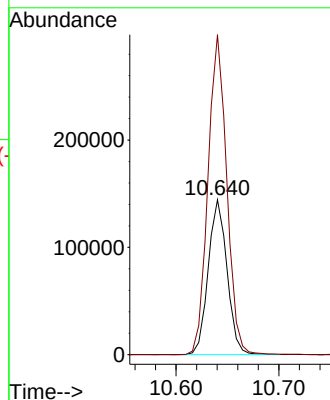
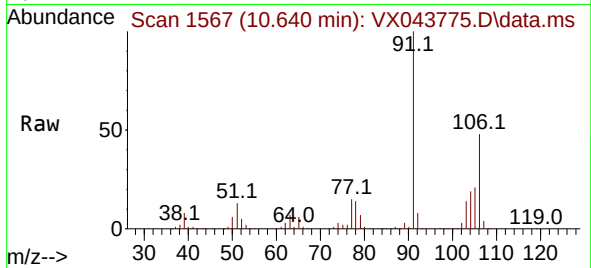




#54
o-Xylene
Concen: 45.509 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

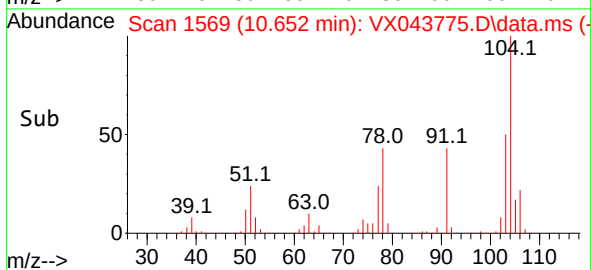
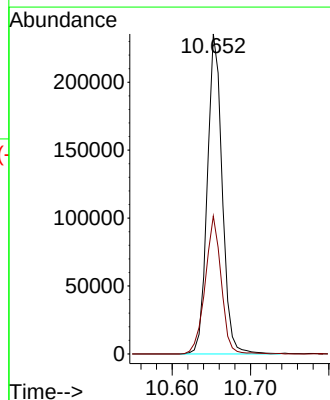
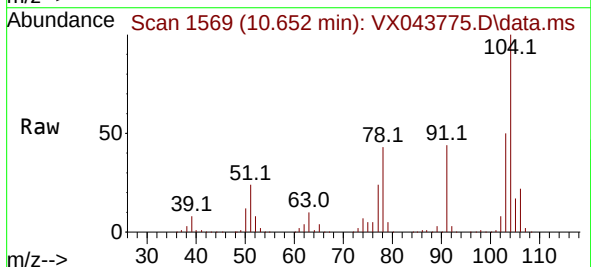
Instrument :
MSVOA_X
ClientSampleId :

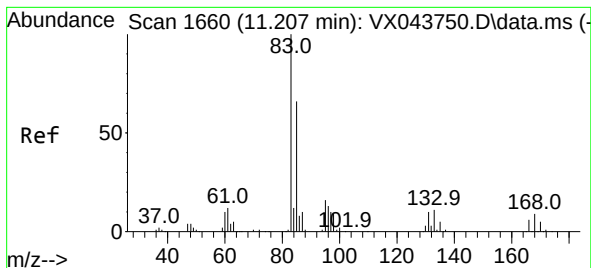
Tgt Ion:106 Resp: 184373
Ion Ratio Lower Upper
106 100
91 206.5 151.9 282.1



#55
Styrene
Concen: 45.975 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion:104 Resp: 309842
Ion Ratio Lower Upper
104 100
78 43.1 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 45.646 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

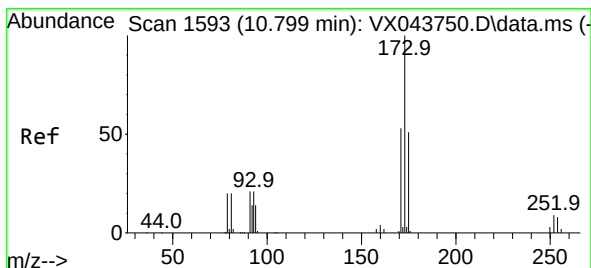
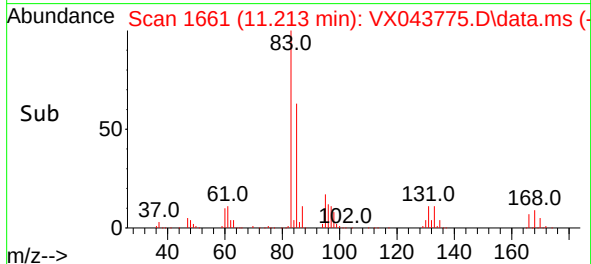
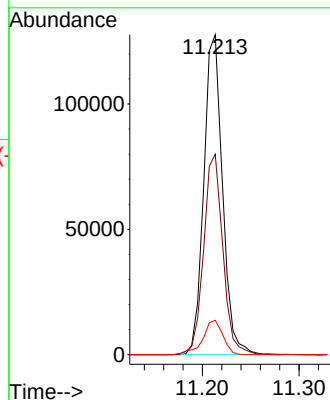
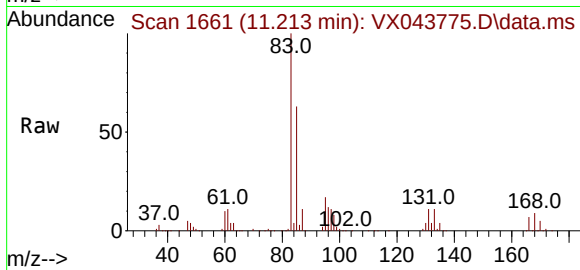
Tgt Ion: 83 Resp: 171946

Ion Ratio Lower Upper

83 100

85 62.7 45.2 84.0

131 10.7 8.3 12.5



#59

Bromoform

Concen: 41.757 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

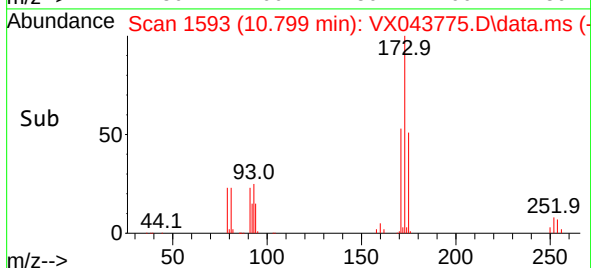
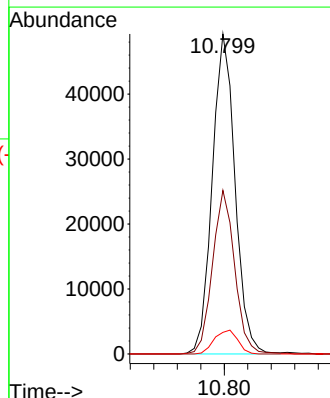
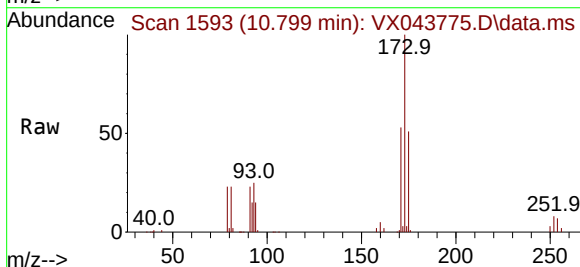
Tgt Ion:173 Resp: 66318

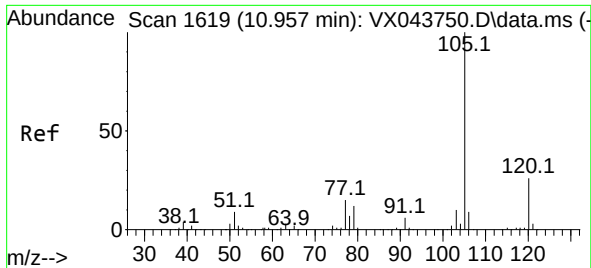
Ion Ratio Lower Upper

173 100

175 49.8 37.0 55.6

254 7.6 6.4 9.6

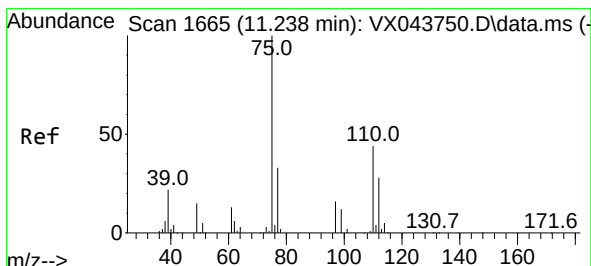
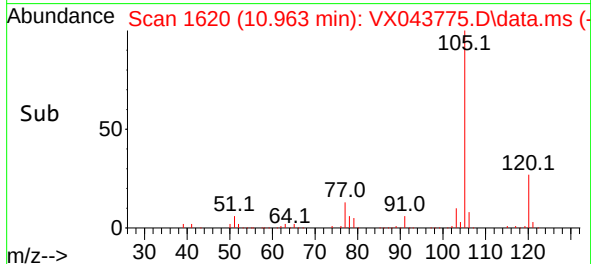
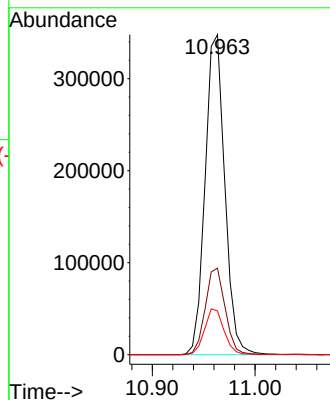
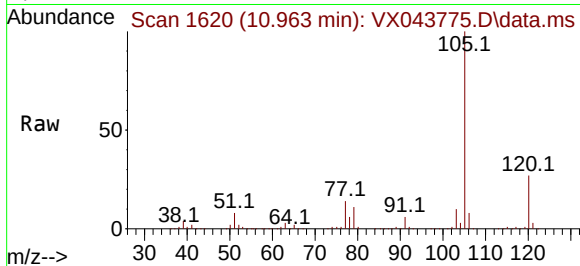




#60
Isopropylbenzene
Concen: 44.017 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

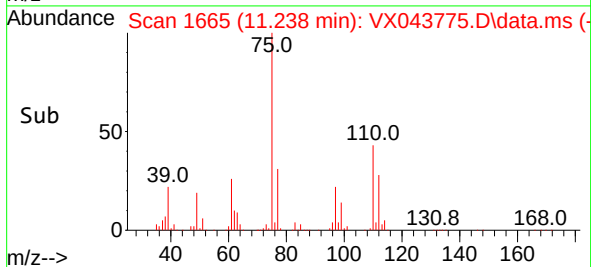
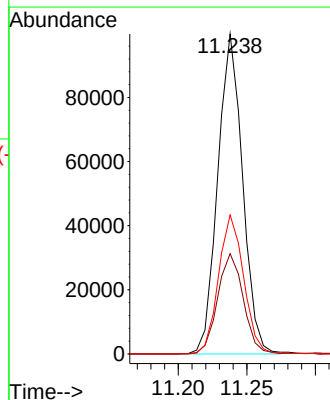
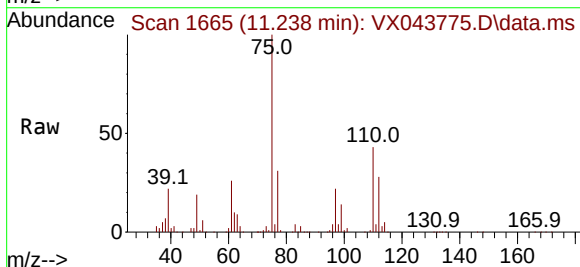
Instrument :
MSVOA_X
ClientSampleId :

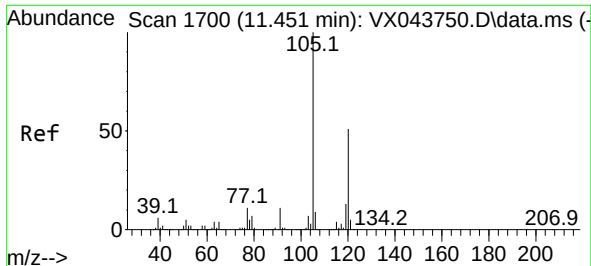
Tgt Ion:105 Resp: 463418
Ion Ratio Lower Upper
105 100
120 27.3 21.1 31.7
77 14.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 42.617 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion: 75 Resp: 125602
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 44.0 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 43.675 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

Instrument :

MSVOA_X

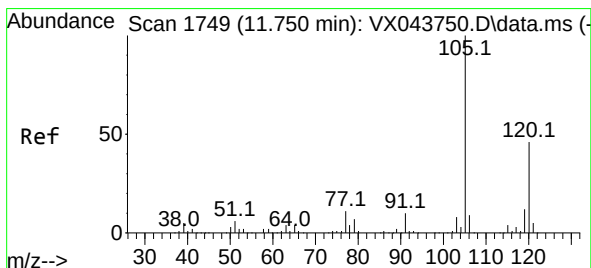
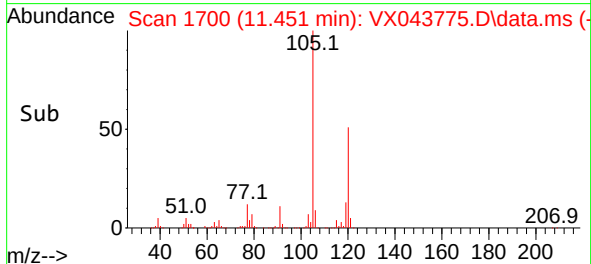
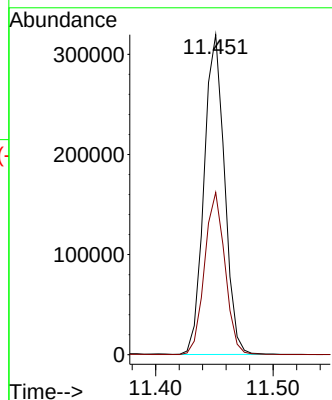
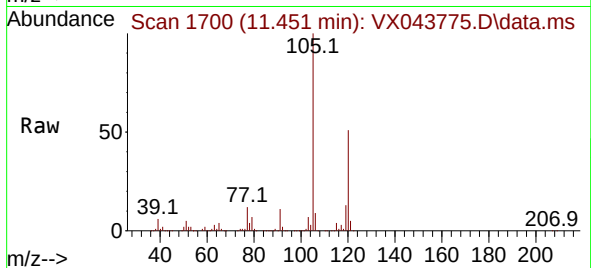
ClientSampleId :

Tgt Ion:105 Resp: 386496

Ion Ratio Lower Upper

105 100

120 50.7 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 44.110 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043775.D

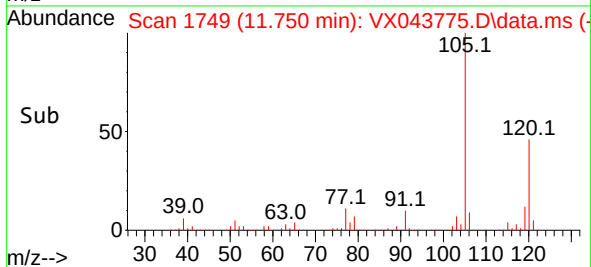
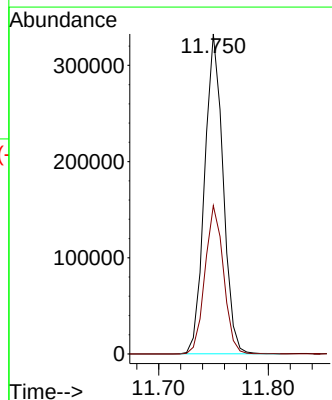
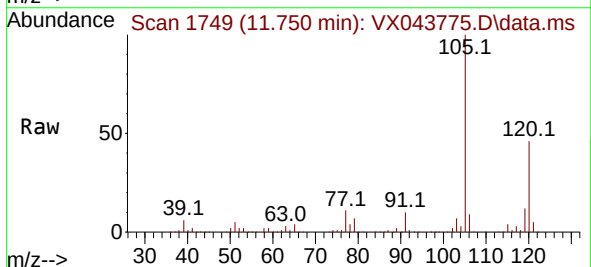
Acq: 08 Nov 2024 19:26

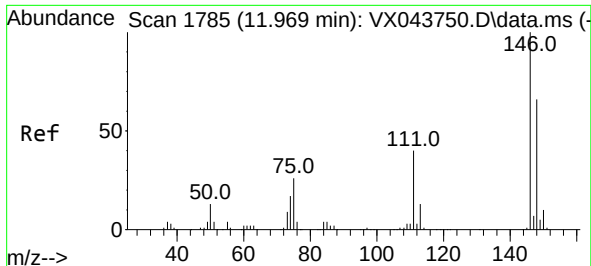
Tgt Ion:105 Resp: 388655

Ion Ratio Lower Upper

105 100

120 46.6 35.7 53.5

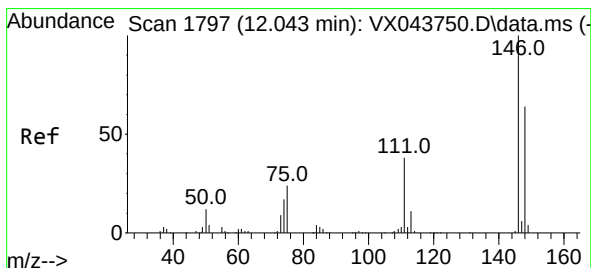
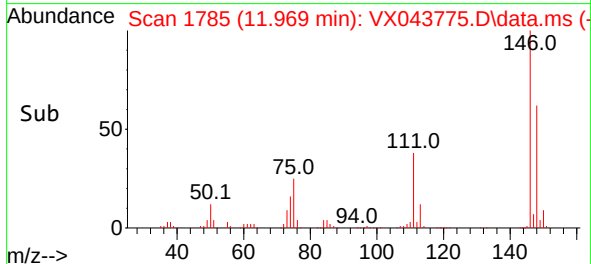
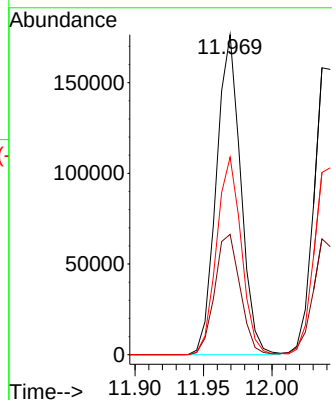
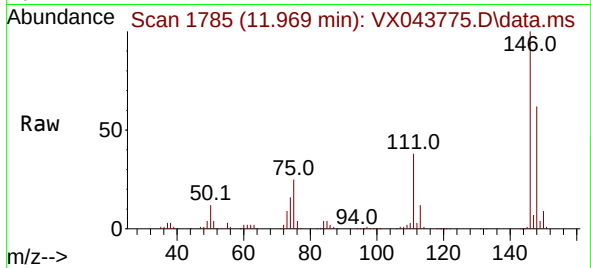




#64
1,3-Dichlorobenzene
Concen: 47.109 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

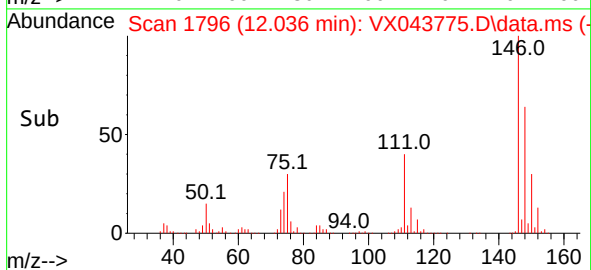
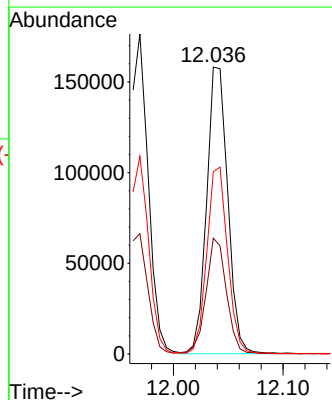
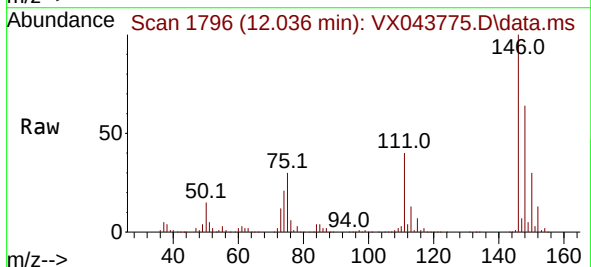
Instrument :
MSVOA_X
ClientSampleId :

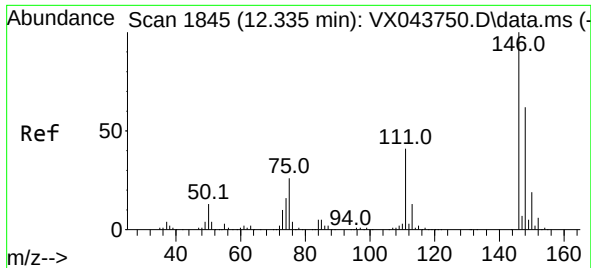
Tgt Ion:146 Resp: 218163
Ion Ratio Lower Upper
146 100
111 37.6 28.3 52.5
148 61.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 45.353 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion:146 Resp: 211544
Ion Ratio Lower Upper
146 100
111 40.4 28.9 53.7
148 63.5 45.0 83.6

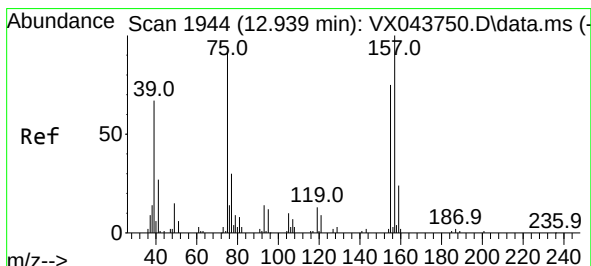
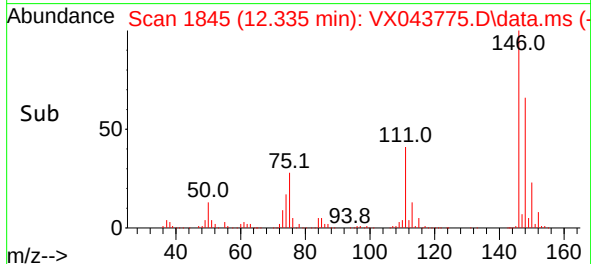
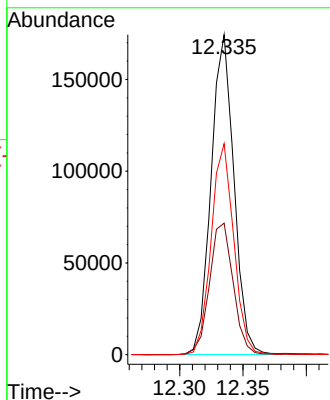
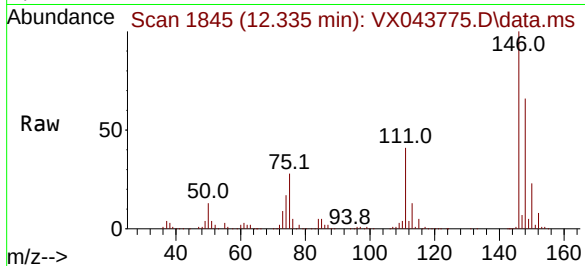




#67
1,2-Dichlorobenzene
Concen: 46.215 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

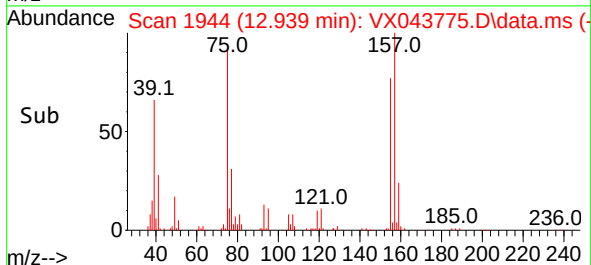
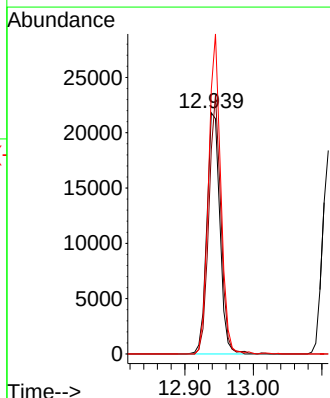
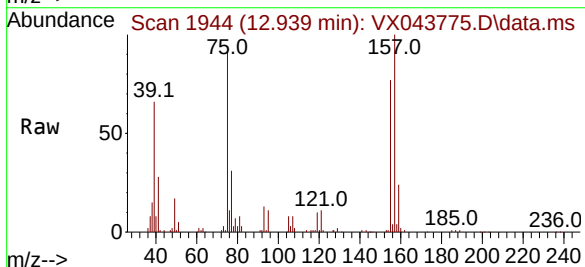
Instrument :
MSVOA_X
ClientSampleId :

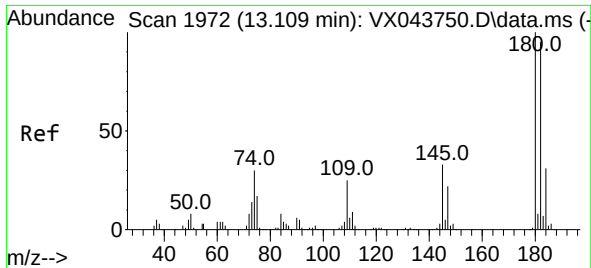
Tgt Ion:146 Resp: 218710
Ion Ratio Lower Upper
146 100
111 41.1 33.9 50.9
148 66.0 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 39.165 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX043775.D
Acq: 08 Nov 2024 19:26

Tgt Ion: 75 Resp: 28904
Ion Ratio Lower Upper
75 100
155 84.8 63.8 95.8
157 109.7 80.3 120.5

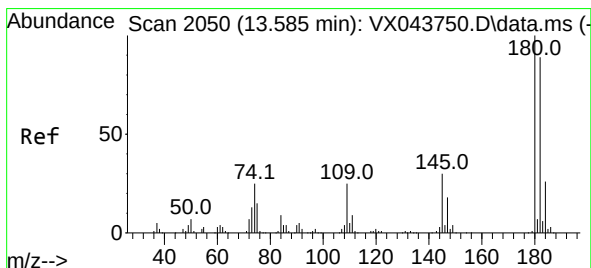
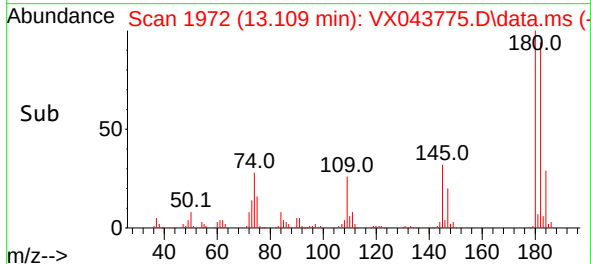
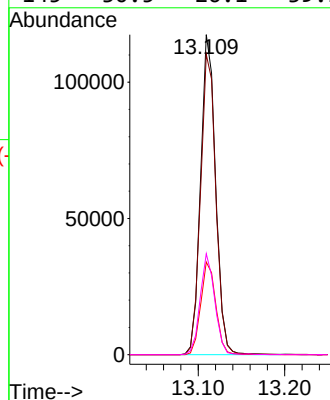
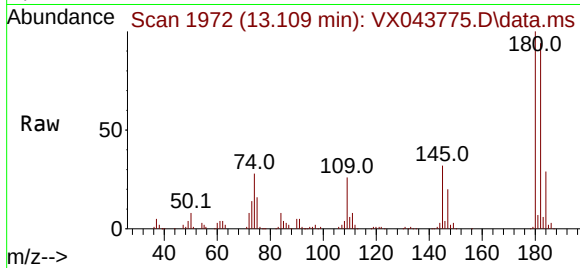




#69
 1,3,5-Trichlorobenzene
 Concen: 45.795 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX043775.D
 Acq: 08 Nov 2024 19:26

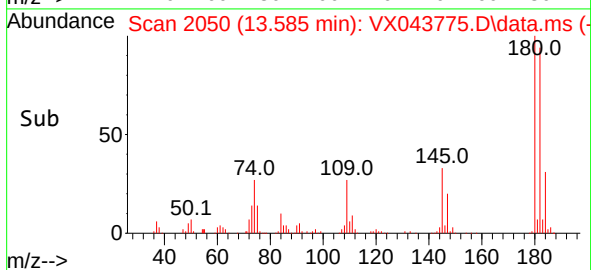
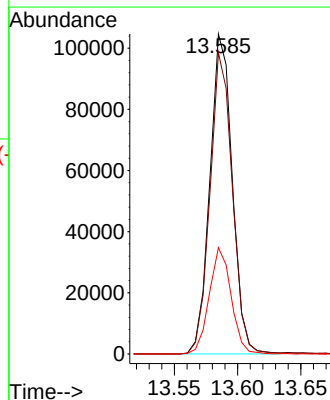
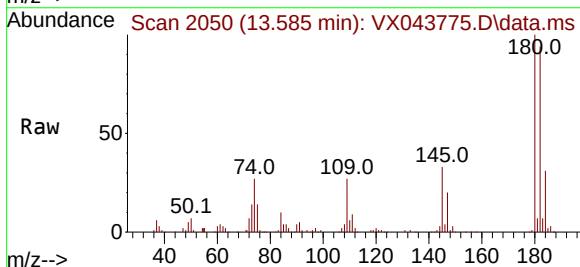
Instrument :
 MSVOA_X
 ClientSampleId :

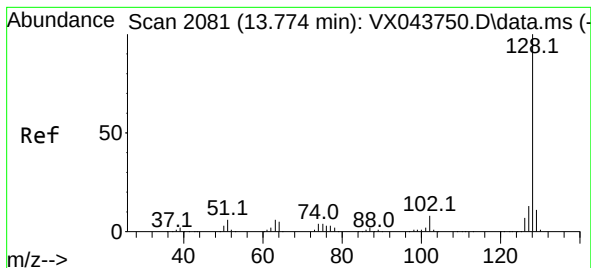
Tgt Ion:180	Resp: 141446
Ion Ratio	Lower Upper
180	100
182	95.4 74.7 112.1
184	29.0 23.7 35.5
145	30.5 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 45.493 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX043775.D
 Acq: 08 Nov 2024 19:26

Tgt Ion:180	Resp: 128837
Ion Ratio	Lower Upper
180	100
182	94.0 75.9 113.9
145	32.5 26.9 40.3





#71

Naphthalene

Concen: 46.571 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

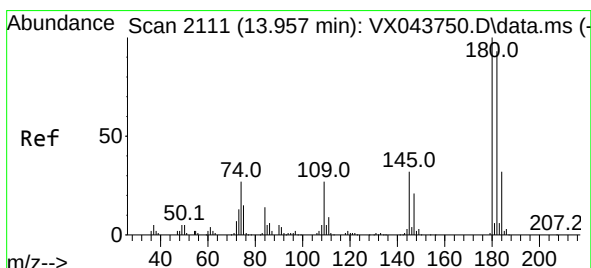
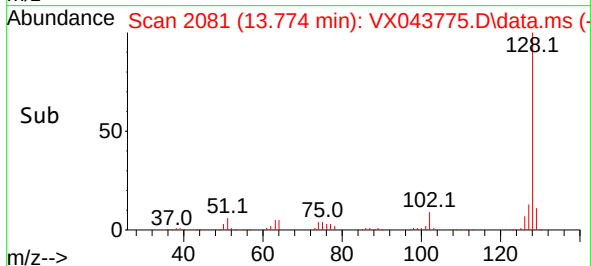
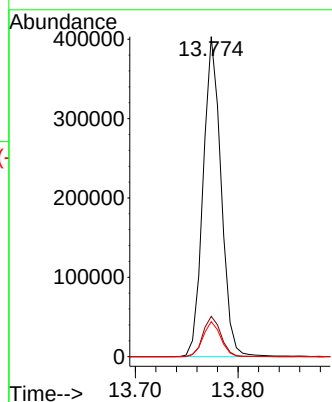
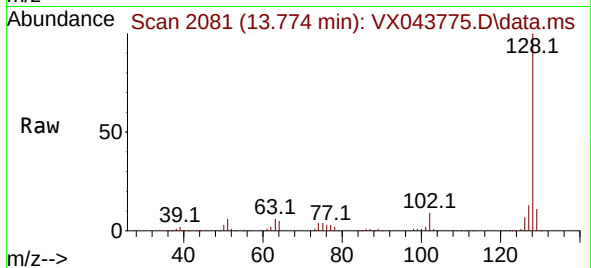
Tgt Ion:128 Resp: 489782

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 46.457 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX043775.D

Acq: 08 Nov 2024 19:26

Tgt Ion:180 Resp: 135975

Ion Ratio Lower Upper

180 100

182 96.1 75.8 113.8

145 33.5 28.4 42.6

