

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044754.D
 Acq On : 28 Jan 2025 19:03
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 29 07:43:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 12:04:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.756	114	287967	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	250296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	107527	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	108151	49.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.780%
7) Chloroethane-d5	1.642	69	29952	36.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.740%
11) 1,1-Dichloroethene-d2	2.294	65	48231	52.054	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.100%
21) 2-Butanone-d5	4.458	46	115446	124.580	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.580%
24) Chloroform-d	5.049	84	199907	52.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.960%
26) 1,2-Dichloroethane-d4	5.952	65	120597	52.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.500%
32) Benzene-d6	5.964	84	408566	52.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	7.305	67	129783	52.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.780%
41) Toluene-d8	8.646	98	364959	52.689	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.380%
43) trans-1,3-Dichloroprop...	8.945	79	60716	51.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.340%
47) 2-Hexanone-d5	9.384	63	78893	107.612	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.610%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	163472	53.105	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.220%
66) 1,2-Dichlorobenzene-d4	12.316	152	113014	53.715	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	110889	53.843	ug/L	100
3) Chloromethane	1.300	50	122287	48.158	ug/L	100
5) Vinyl chloride	1.373	62	120934	51.859	ug/L	97
6) Bromomethane	1.593	94	31483	49.880	ug/L	98
8) Chloroethane	1.660	64	33703	36.197	ug/L	99
9) Trichlorofluoromethane	1.867	101	148186	56.994	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	100272	52.425	ug/L	97
12) 1,1-Dichloroethene	2.306	96	95979	53.776	ug/L	92
13) Acetone	2.385	43	97508	105.520	ug/L	99
14) Carbon disulfide	2.501	76	281111	51.433	ug/L	99
15) Methyl Acetate	2.702	43	119959	56.099	ug/L	99
16) Methylene chloride	2.782	84	111030	54.390	ug/L	99
17) trans-1,2-Dichloroethene	3.086	96	99227	53.147	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	347634	54.006	ug/L	98
19) 1,1-Dichloroethane	3.605	63	196914	53.940	ug/L	98
20) cis-1,2-Dichloroethene	4.482	96	120570	53.949	ug/L	99
22) 2-Butanone	4.562	43	162176	106.432	ug/L	100
23) Bromochloromethane	4.891	128	57149	51.849	ug/L	95
25) Chloroform	5.086	83	195186	52.698	ug/L	99

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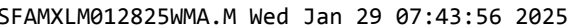
Instrument :
 MSVOA_X
 ClientSampleId :

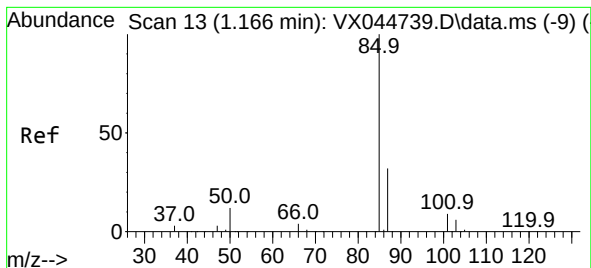
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	149436	53.778	ug/L	98
29) Cyclohexane	5.464	56	197383	51.372	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	165487	52.258	ug/L	99
31) Carbon tetrachloride	5.671	117	141157	51.978	ug/L	99
33) Benzene	6.031	78	437588	53.049	ug/L	100
34) Trichloroethene	7.122	95	110813	52.791	ug/L	96
35) Methylcyclohexane	7.372	83	182547	50.833	ug/L	100
37) 1,2-Dichloropropane	7.427	63	118524	53.122	ug/L	100
38) Bromodichloromethane	7.817	83	148213	52.929	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	190240	52.519	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	315856	107.089	ug/L	99
42) Toluene	8.713	91	456842	53.982	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	171380	52.851	ug/L	98
45) 1,1,2-Trichloroethane	9.146	97	110305	52.966	ug/L	98
46) Tetrachloroethene	9.268	164	78636	52.754	ug/L	100
48) 2-Hexanone	9.427	43	236053	111.691	ug/L	99
49) Dibromochloromethane	9.518	129	111588	53.129	ug/L	100
50) 1,2-Dibromoethane	9.604	107	116553	53.398	ug/L	97
51) Chlorobenzene	10.079	112	276226	52.284	ug/L	97
52) Ethylbenzene	10.189	91	490741	53.050	ug/L	99
53) m,p-Xylene	10.299	106	186325	53.652	ug/L	97
54) o-Xylene	10.640	106	184121	53.787	ug/L	96
55) Styrene	10.652	104	300225	53.140	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	172538	53.397	ug/L	99
59) Bromoform	10.798	173	75822	53.306	ug/L	100
60) Isopropylbenzene	10.963	105	467864	54.178	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	129484	54.544	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	380288	53.680	ug/L	99
63) 1,2,4-Trimethylbenzene	11.749	105	376991	53.727	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	188571	53.118	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	186775	52.856	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	189932	53.963	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.938	75	34838	53.858	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	121658	52.298	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	112561	53.672	ug/L	98
71) Naphthalene	13.774	128	458371	56.356	ug/L	100
72) 1,2,3-Trichlorobenzene	13.956	180	114650	53.913	ug/L	99

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

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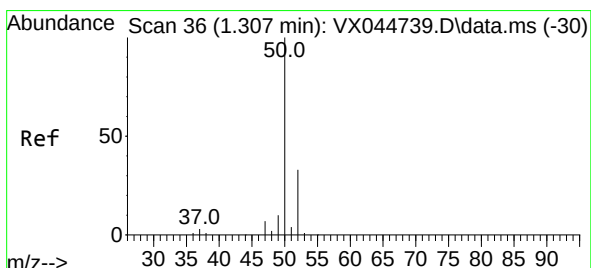
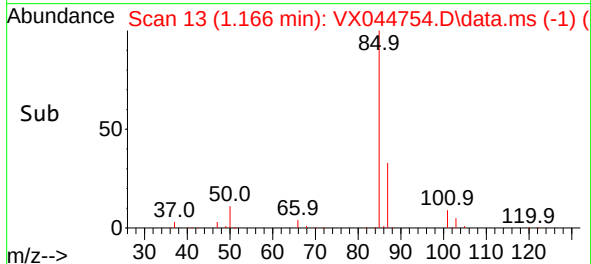
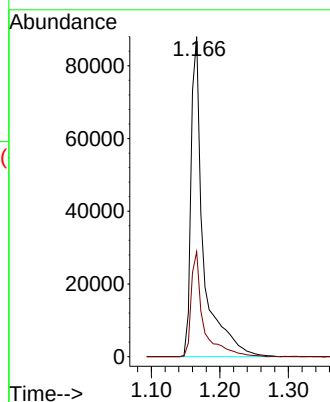
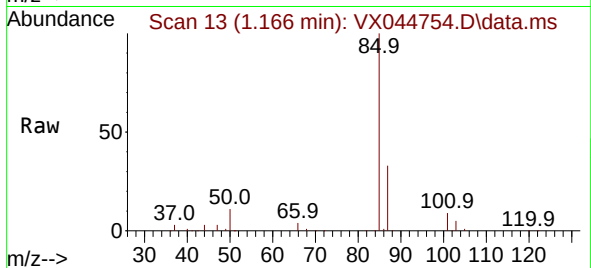




#2
Dichlorodifluoromethane
Concen: 53.843 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

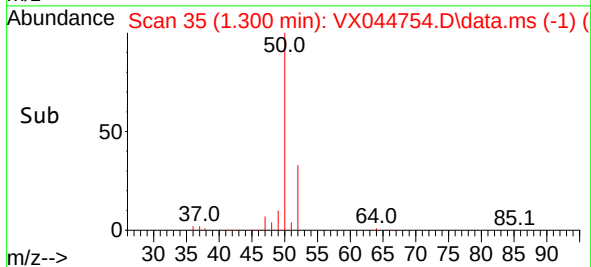
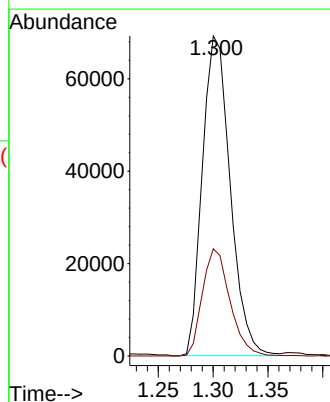
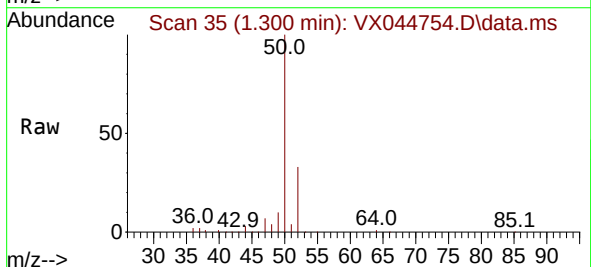
Instrument :
MSVOA_X
ClientSampleId :

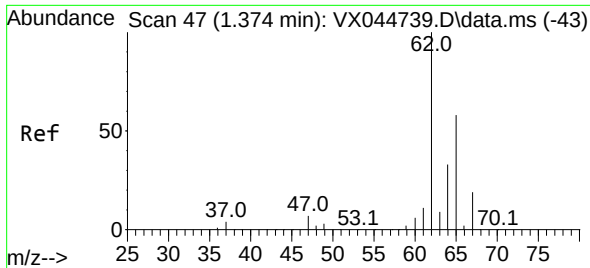
Tgt Ion: 85 Resp: 110889
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 48.158 ug/L
RT: 1.300 min Scan# 35
Delta R.T. -0.007 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion: 50 Resp: 122287
Ion Ratio Lower Upper
50 100
52 33.5 23.3 43.3

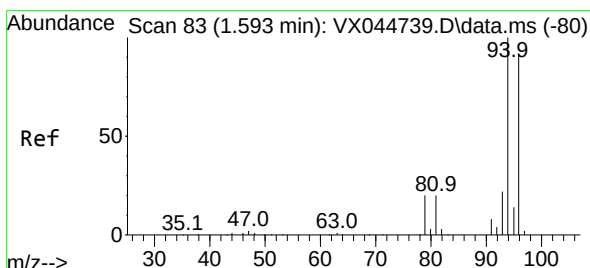
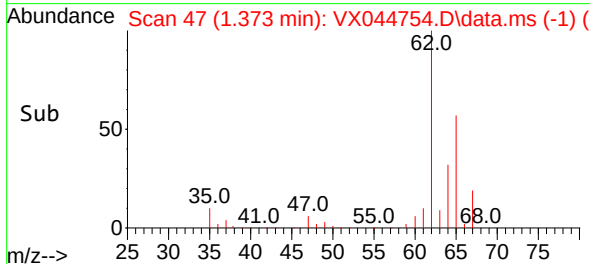
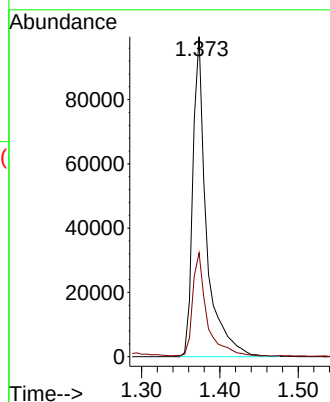
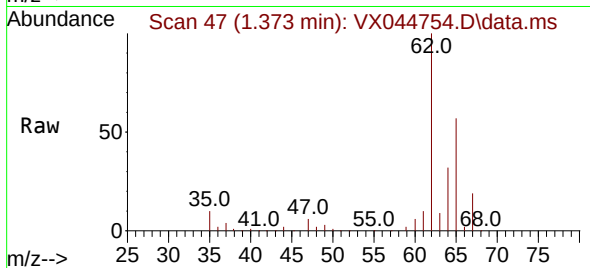




#5
Vinyl chloride
Concen: 51.859 ug/L
RT: 1.373 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

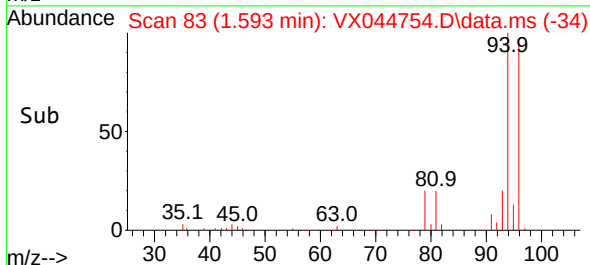
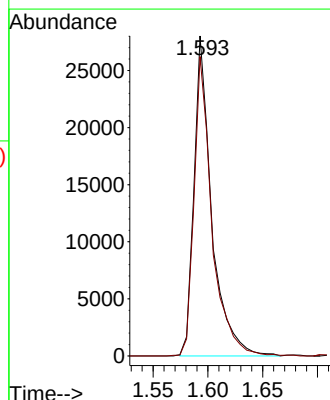
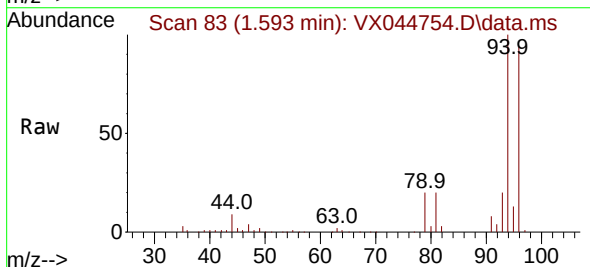
Instrument :
MSVOA_X
ClientSampleId :

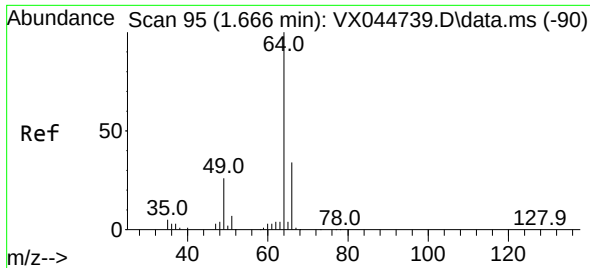
Tgt Ion: 62 Resp: 120934
Ion Ratio Lower Upper
62 100
64 32.4 23.7 44.1



#6
Bromomethane
Concen: 49.880 ug/L
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion: 94 Resp: 31483
Ion Ratio Lower Upper
94 100
96 93.6 64.3 119.3

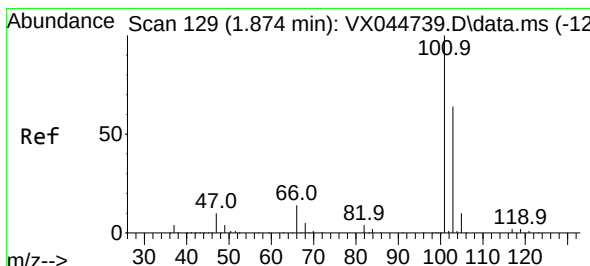
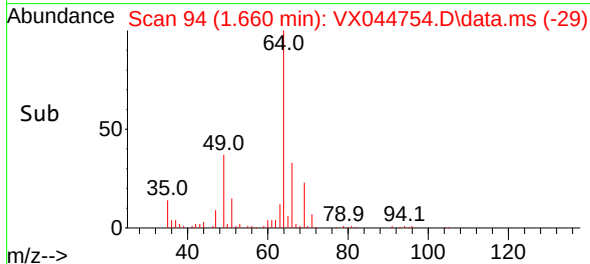
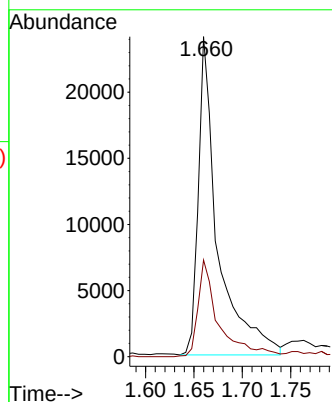
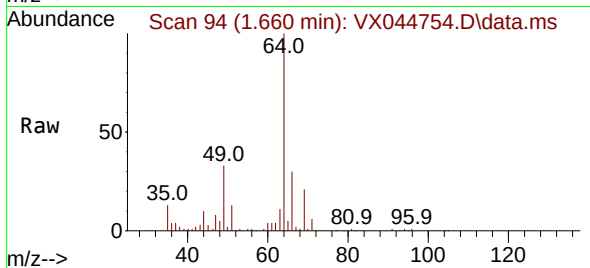




#8
Chloroethane
Concen: 36.197 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.007 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

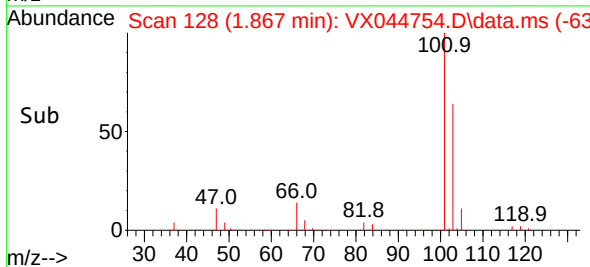
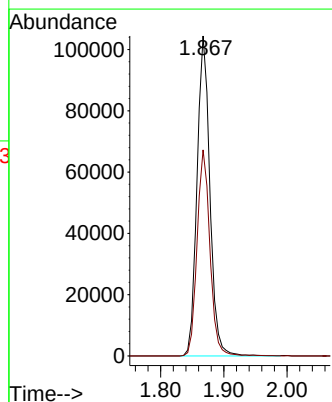
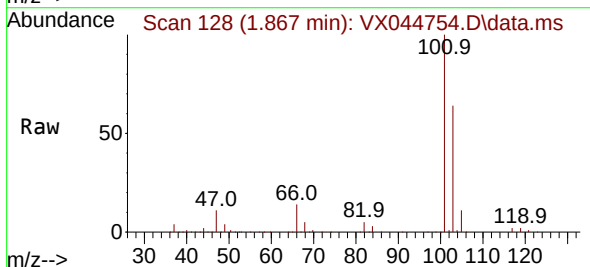
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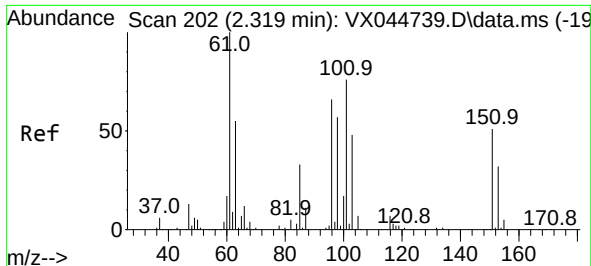
Tgt Ion: 64 Resp: 33703
Ion Ratio Lower Upper
64 100
66 30.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 56.994 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.007 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion:101 Resp: 148186
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 52.425 ug/L

RT: 2.318 min Scan# 20

Delta R.T. -0.001 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

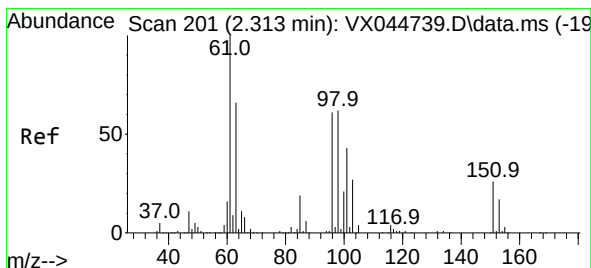
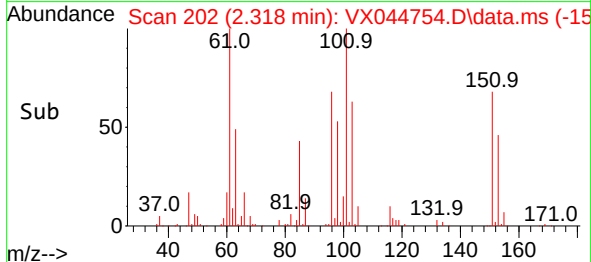
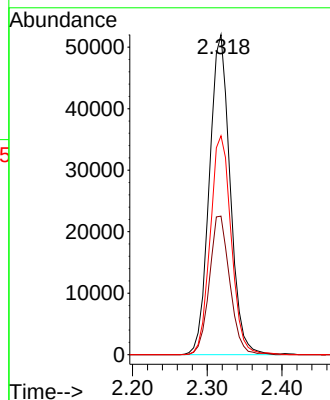
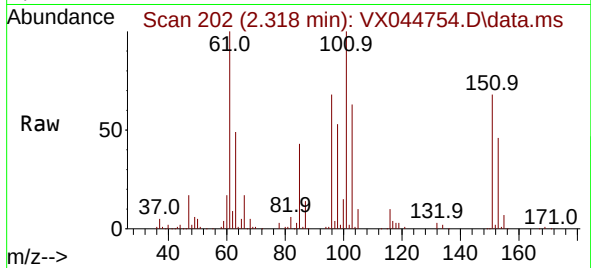
Tgt Ion:101 Resp: 100272

Ion Ratio Lower Upper

101 100

85 42.5 35.4 53.0

151 69.0 57.0 85.4



#12

1,1-Dichloroethene

Concen: 53.776 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.007 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

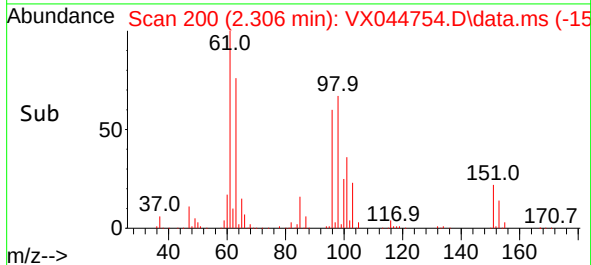
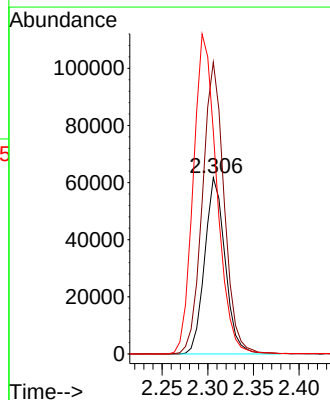
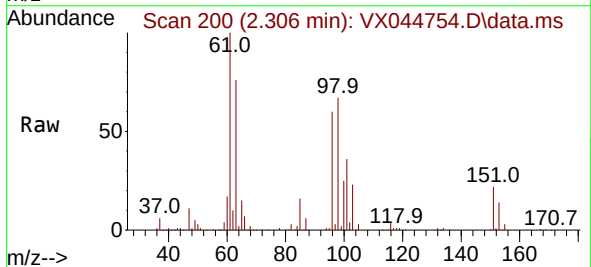
Tgt Ion: 96 Resp: 95979

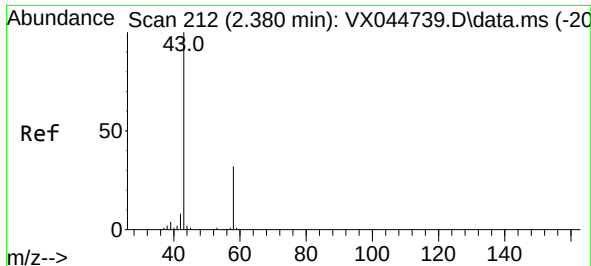
Ion Ratio Lower Upper

96 100

61 165.6 115.1 213.8

63 126.3 74.1 137.5





#13

Acetone

Concen: 105.520 ug/L

RT: 2.385 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

Instrument :

MSVOA_X

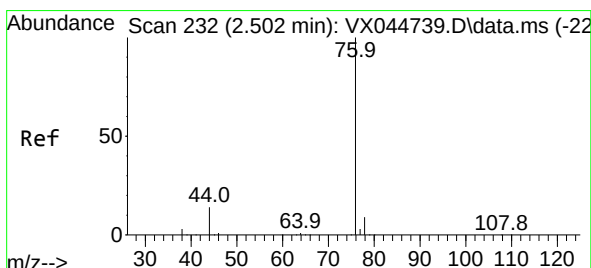
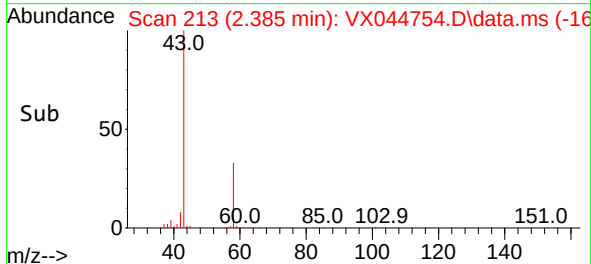
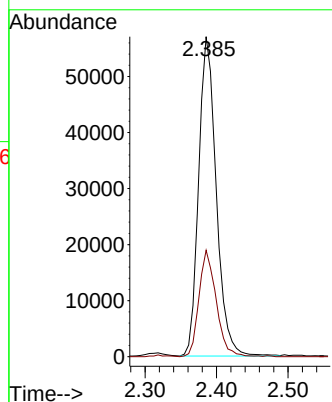
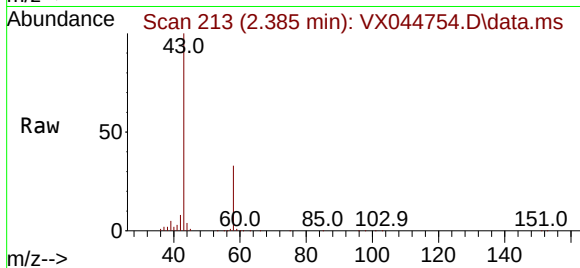
ClientSampleId :

Tgt Ion: 43 Resp: 97508

Ion Ratio Lower Upper

43 100

58 32.6 0.0 64.6



#14

Carbon disulfide

Concen: 51.433 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX044754.D

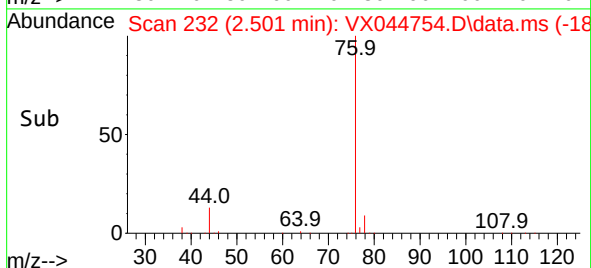
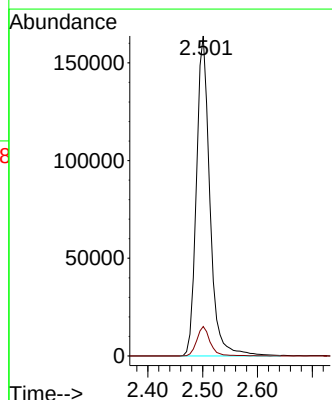
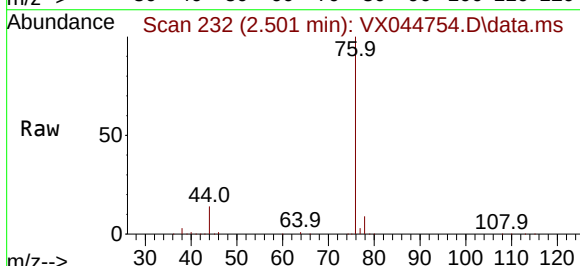
Acq: 28 Jan 2025 19:03

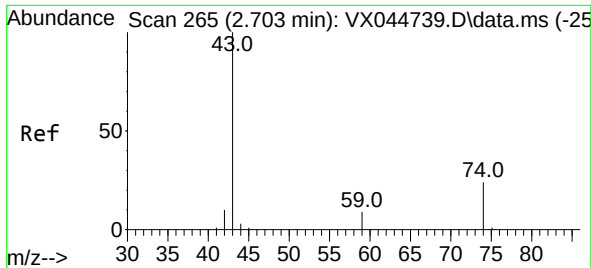
Tgt Ion: 76 Resp: 281111

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

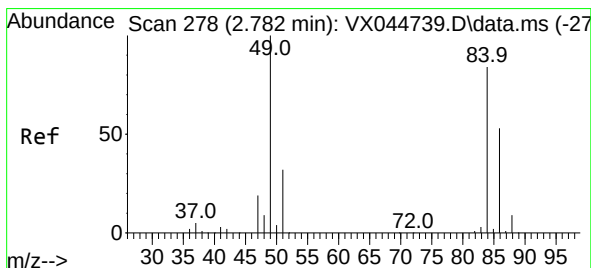
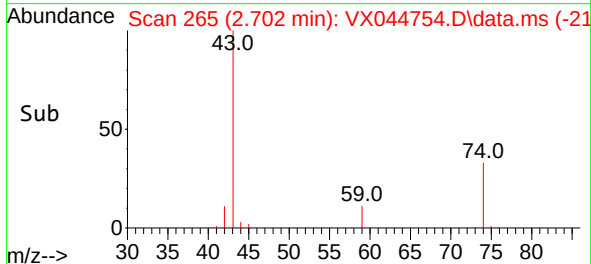
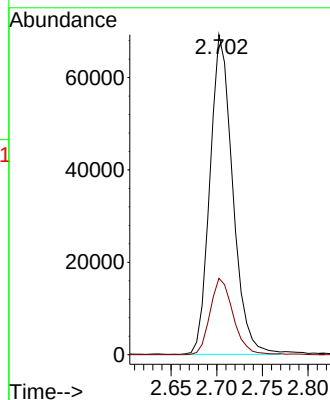
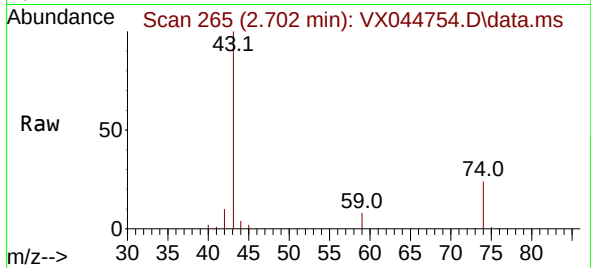




#15
Methyl Acetate
Concen: 56.099 ug/L
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

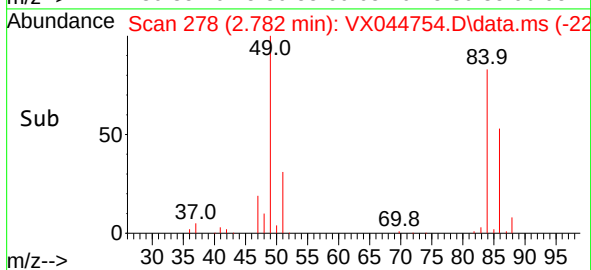
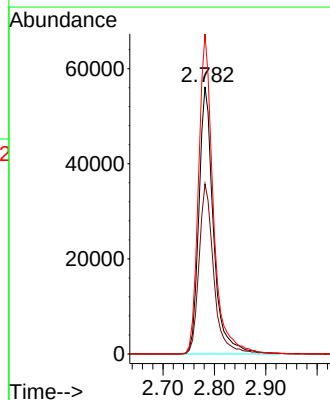
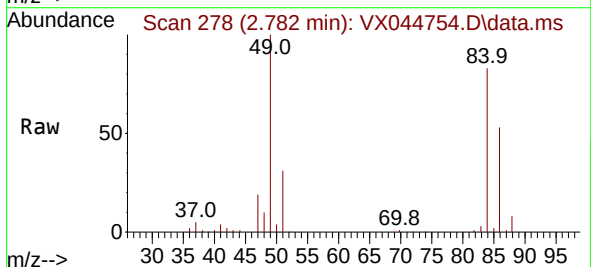
Instrument :
MSVOA_X
ClientSampleId :

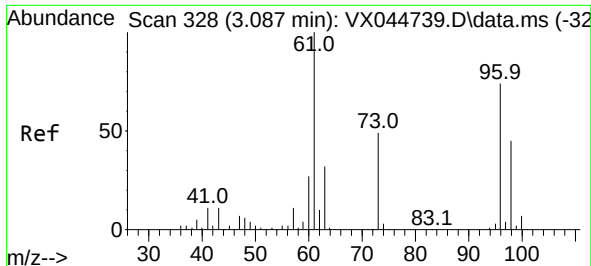
Tgt Ion: 43 Resp: 119959
Ion Ratio Lower Upper
43 100
74 24.0 19.7 29.5



#16
Methylene chloride
Concen: 54.390 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion: 84 Resp: 111030
Ion Ratio Lower Upper
84 100
86 63.7 45.6 84.8
49 119.8 84.6 157.0

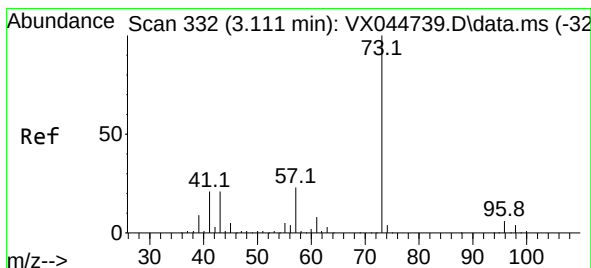
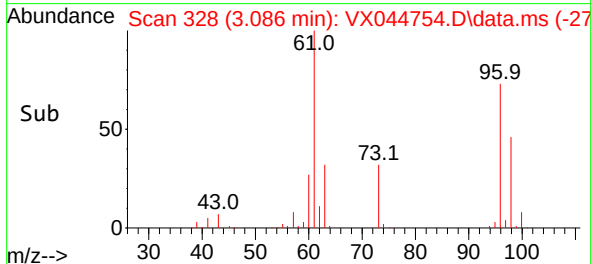
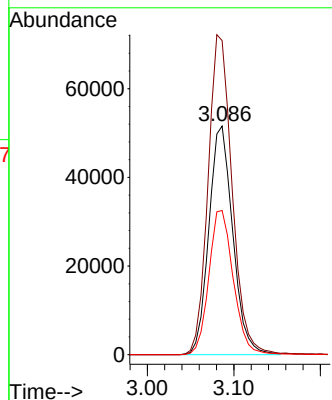
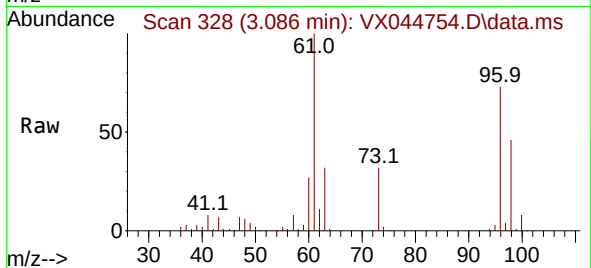




#17
trans-1,2-Dichloroethene
Concen: 53.147 ug/L
RT: 3.086 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

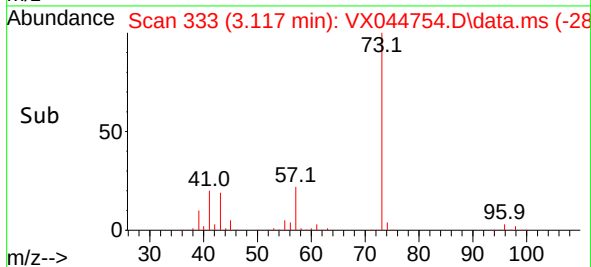
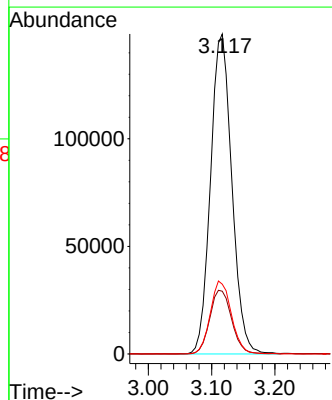
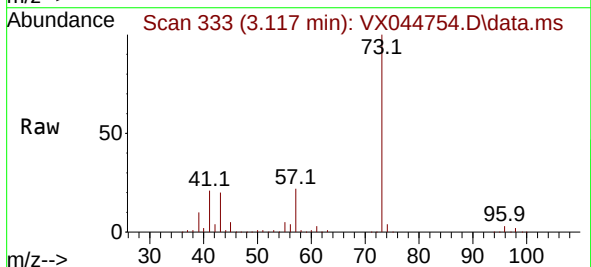
Instrument :
MSVOA_X
ClientSampleId :

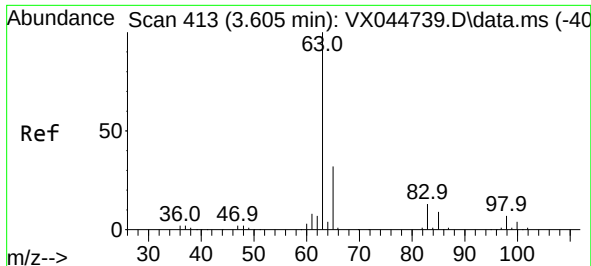
Tgt Ion: 96 Resp: 99227
Ion Ratio Lower Upper
96 100
61 137.3 98.3 182.7
98 63.0 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 54.006 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

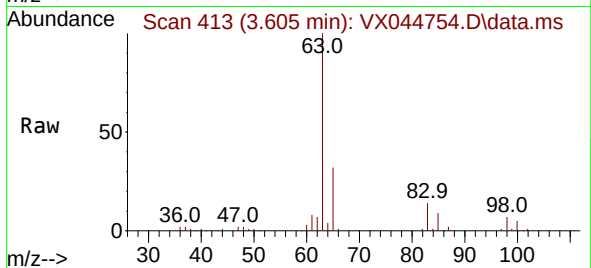
Tgt Ion: 73 Resp: 347634
Ion Ratio Lower Upper
73 100
43 20.5 16.9 25.3
57 22.6 17.4 26.0



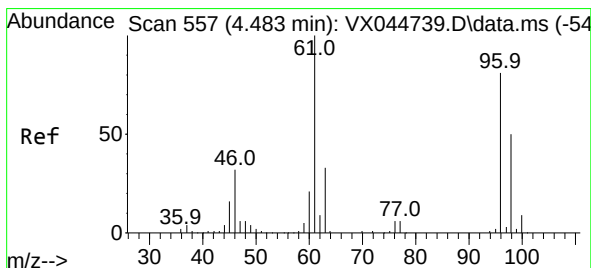
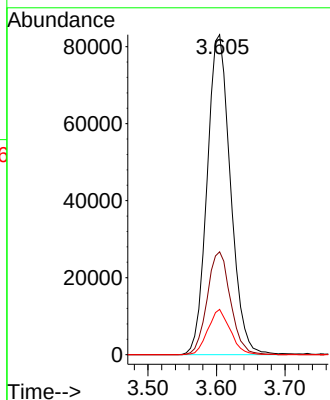
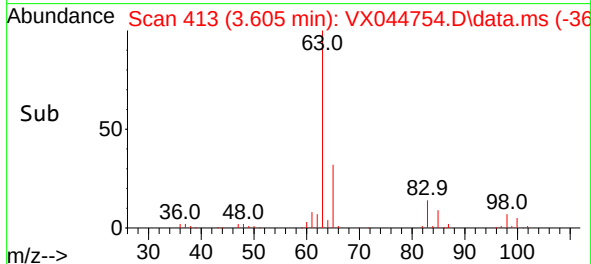


#19
1,1-Dichloroethane
Concen: 53.940 ug/L
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :

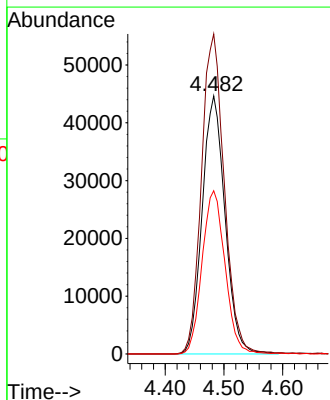
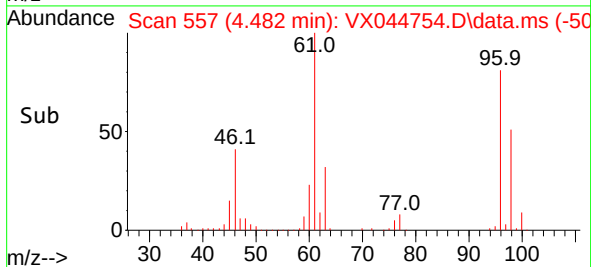
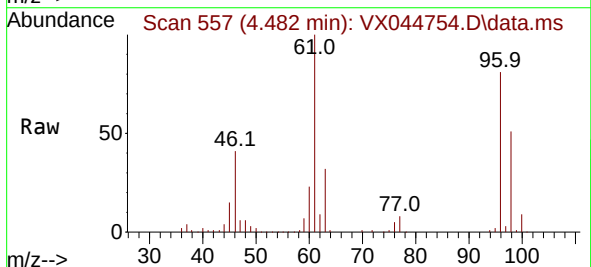


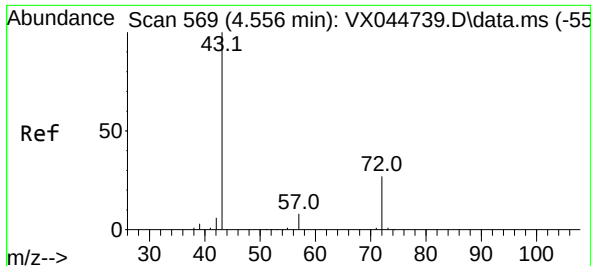
Tgt Ion: 63 Resp: 196914
Ion Ratio Lower Upper
63 100
65 32.1 21.8 40.6
83 14.1 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 53.949 ug/L
RT: 4.482 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion: 96 Resp: 120570
Ion Ratio Lower Upper
96 100
61 124.0 88.3 163.9
98 63.2 44.6 82.8

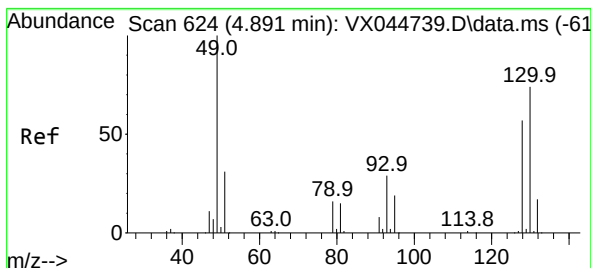
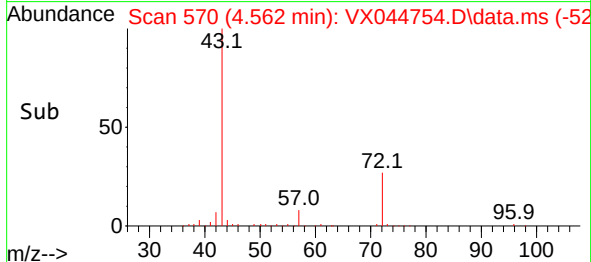
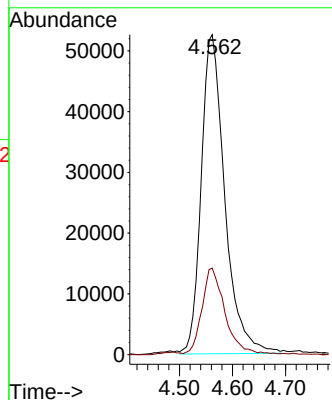
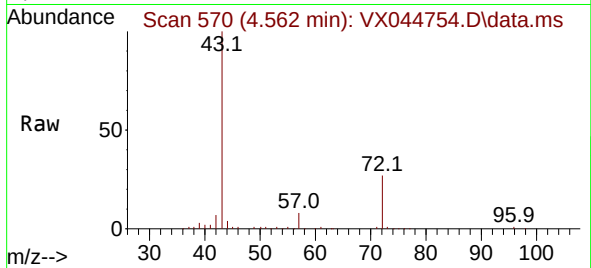




#22
2-Butanone
Concen: 106.432 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

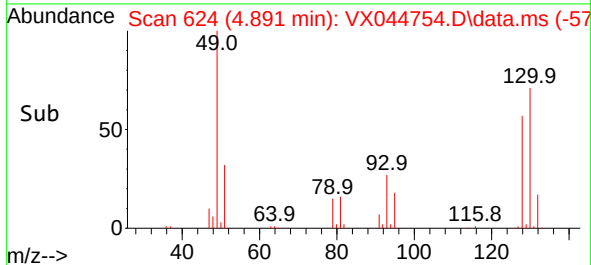
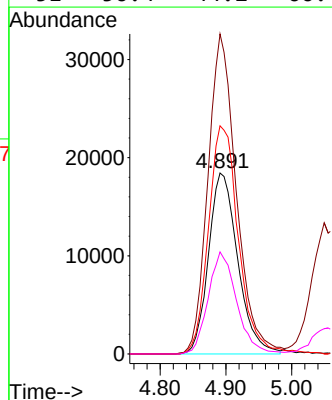
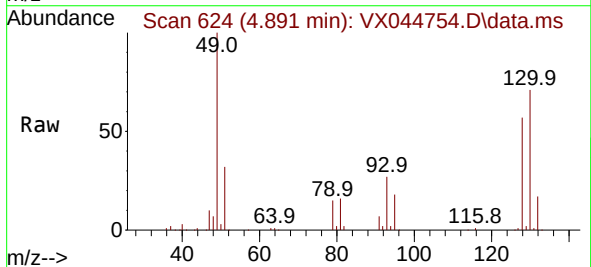
Instrument :
MSVOA_X
ClientSampleId :

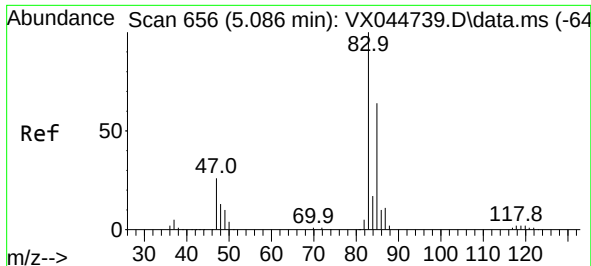
Tgt Ion: 43 Resp: 162176
Ion Ratio Lower Upper
43 100
72 26.7 13.4 40.2



#23
Bromochloromethane
Concen: 51.849 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion: 128 Resp: 57149
Ion Ratio Lower Upper
128 100
49 176.8 117.6 218.4
130 126.0 92.0 170.9
51 56.4 44.2 66.4

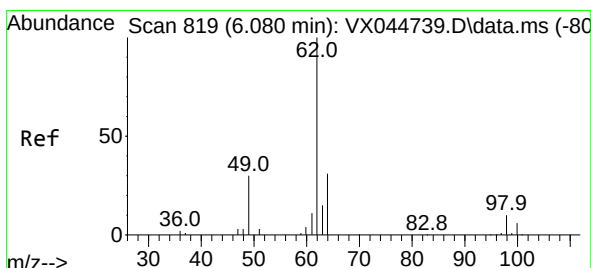
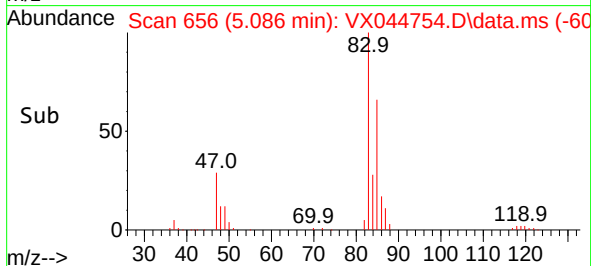
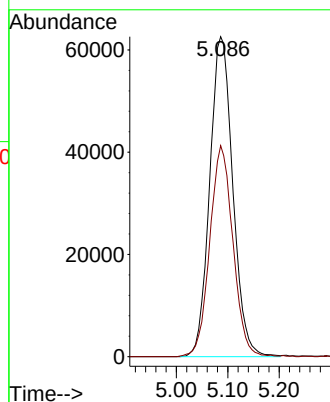
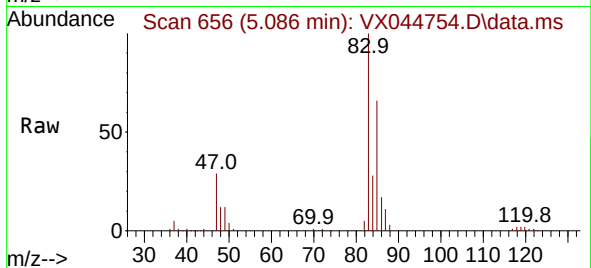




#25
Chloroform
Concen: 52.698 ug/L
RT: 5.086 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

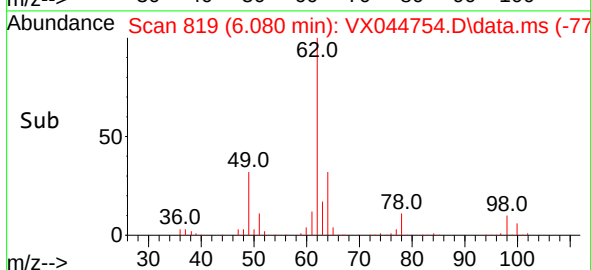
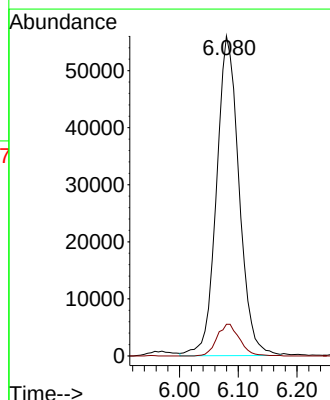
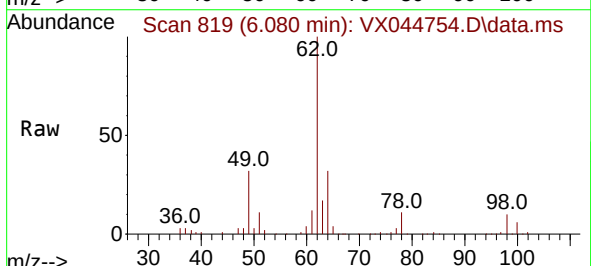
Instrument :
MSVOA_X
ClientSampleId :

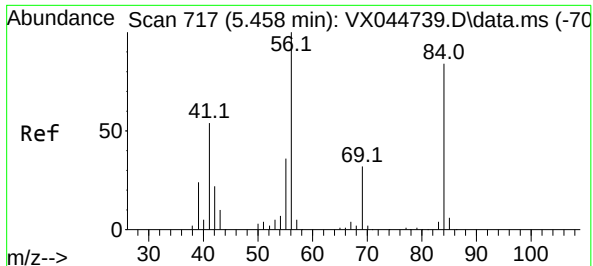
Tgt Ion: 83 Resp: 195186
Ion Ratio Lower Upper
83 100
85 66.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 53.778 ug/L
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

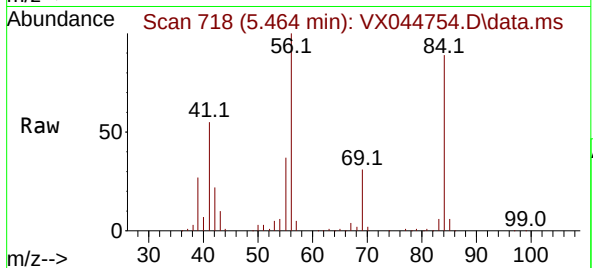
Tgt Ion: 62 Resp: 149436
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.2



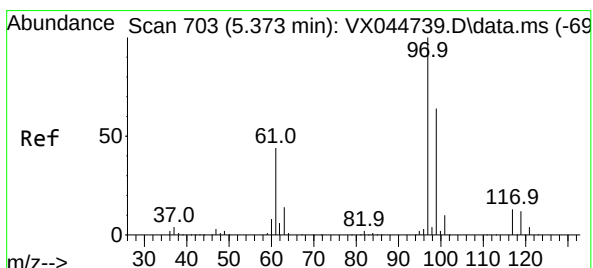
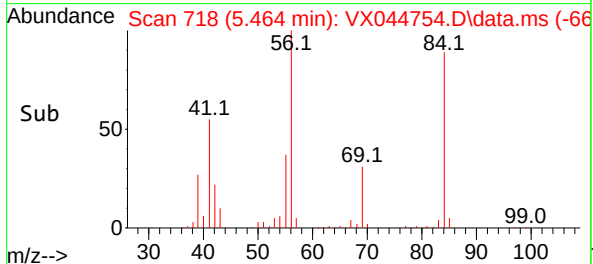
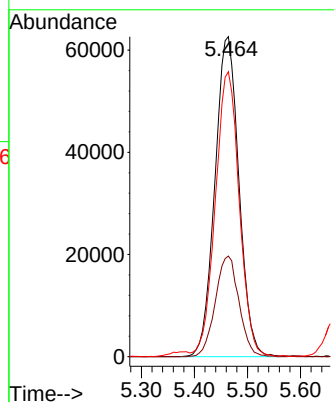


#29
Cyclohexane
Concen: 51.372 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :

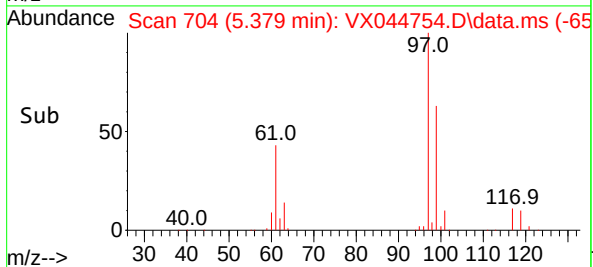
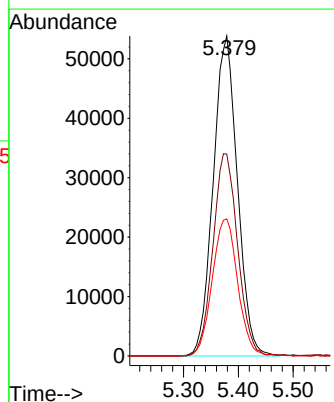
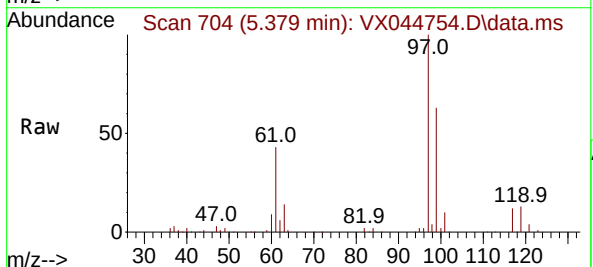


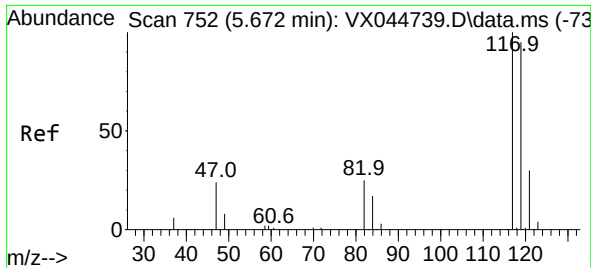
Tgt Ion: 56 Resp: 197383
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.2
84 88.1 71.6 107.4



#30
1,1,1-Trichloroethane
Concen: 52.258 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion: 97 Resp: 165487
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 44.9 35.8 53.6

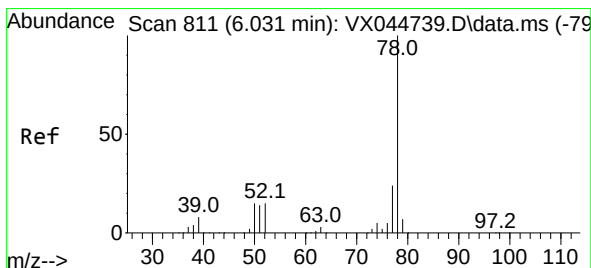
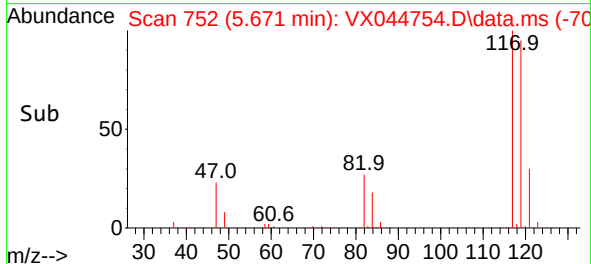
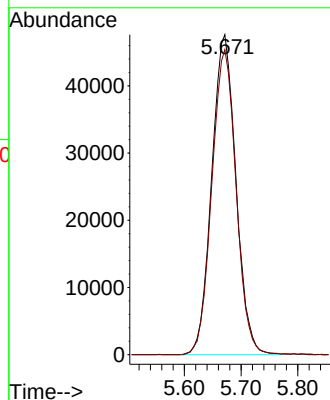
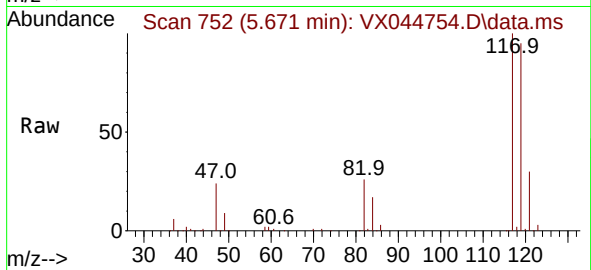




#31
Carbon tetrachloride
Concen: 51.978 ug/L
RT: 5.671 min Scan# 752
Delta R.T. -0.001 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

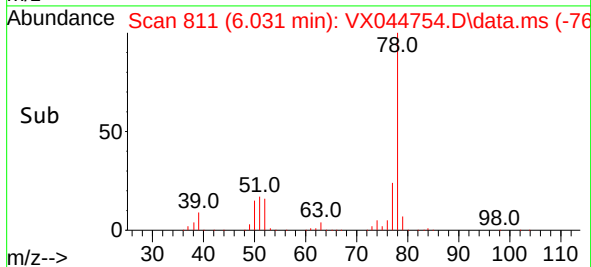
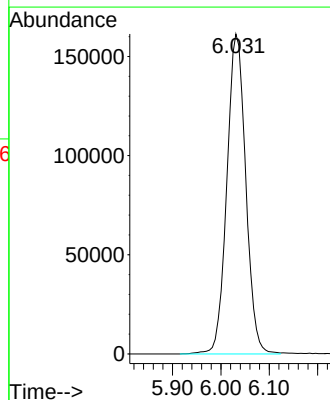
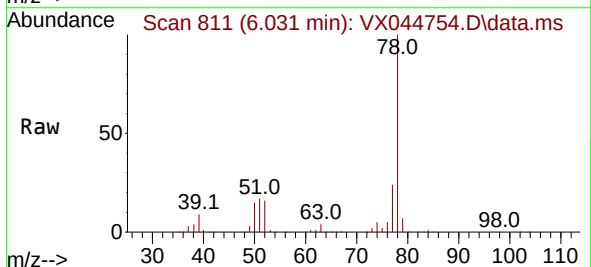
Instrument :
MSVOA_X
ClientSampleId :

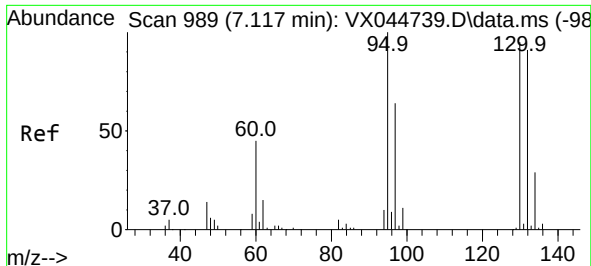
Tgt Ion:117 Resp: 141157
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7



#33
Benzene
Concen: 53.049 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

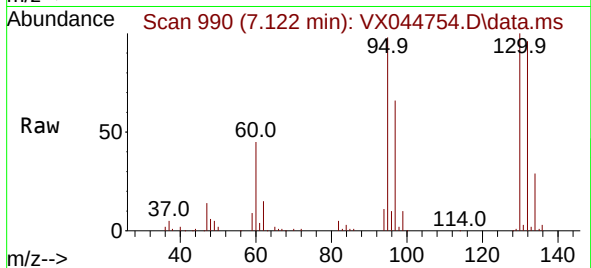
Tgt Ion: 78 Resp: 437588



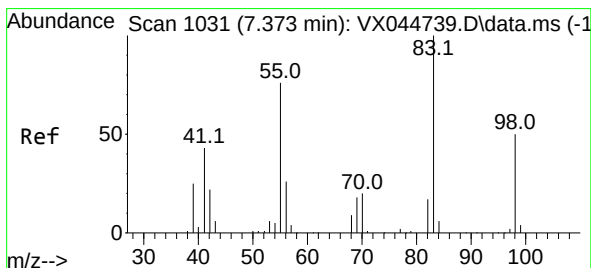
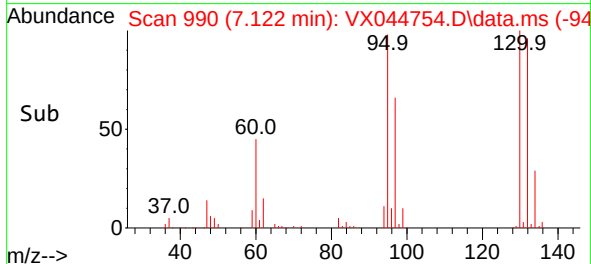
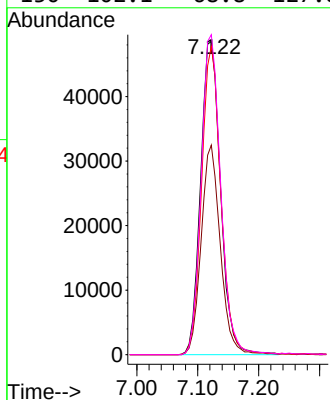


#34
Trichloroethene
Concen: 52.791 ug/L
RT: 7.122 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :

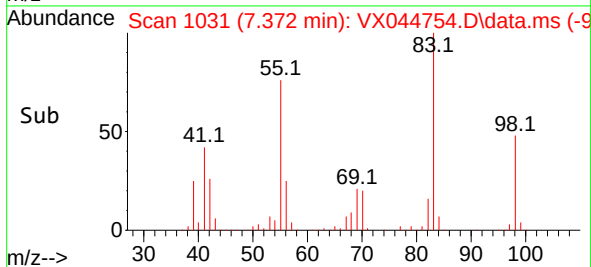
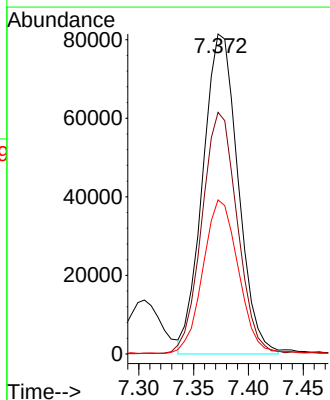
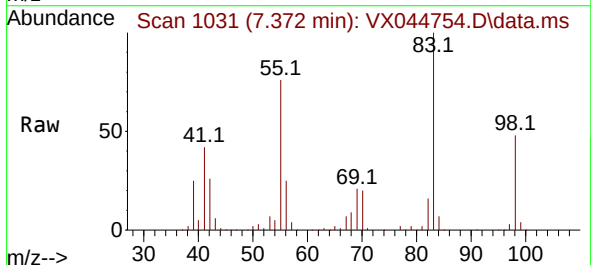


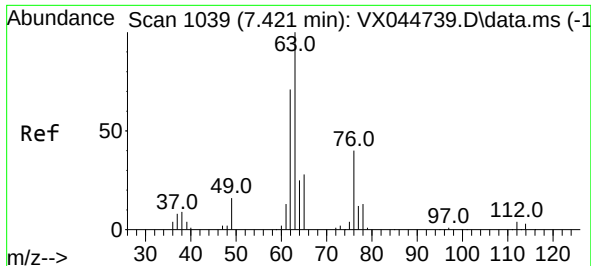
Tgt Ion: 95 Resp: 110813
Ion Ratio Lower Upper
95 100
97 66.9 46.1 85.5
132 98.4 64.5 119.9
130 102.1 68.8 127.8



#35
Methylcyclohexane
Concen: 50.833 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion: 83 Resp: 182547
Ion Ratio Lower Upper
83 100
55 75.4 60.6 90.8
98 48.2 38.9 58.3





#37

1,2-Dichloropropane

Concen: 53.122 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

Instrument :

MSVOA_X

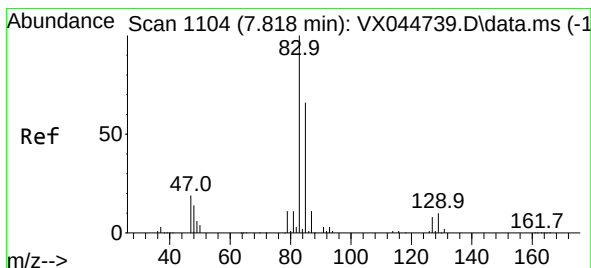
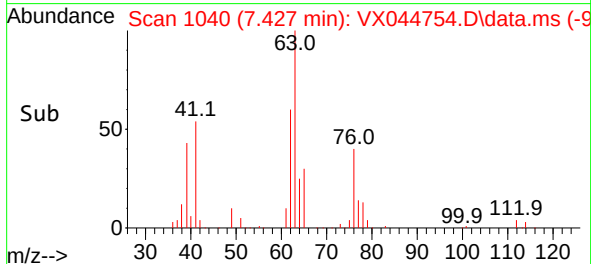
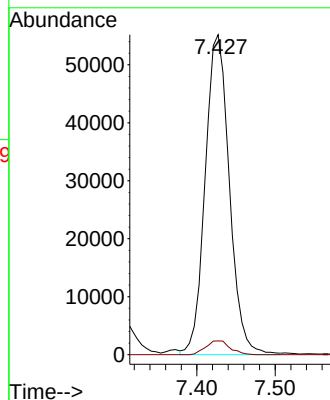
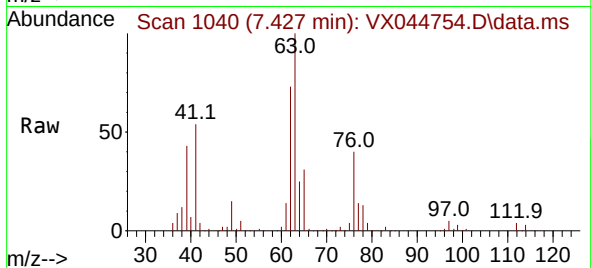
ClientSampleId :

Tgt Ion: 63 Resp: 118524

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 52.929 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

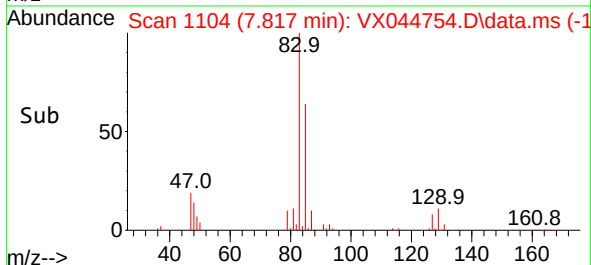
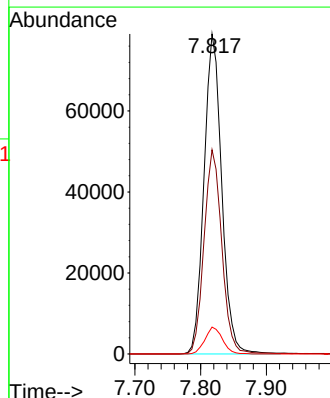
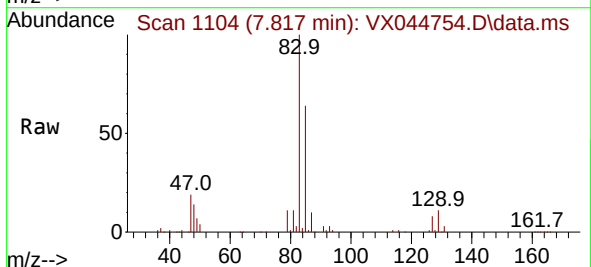
Tgt Ion: 83 Resp: 148213

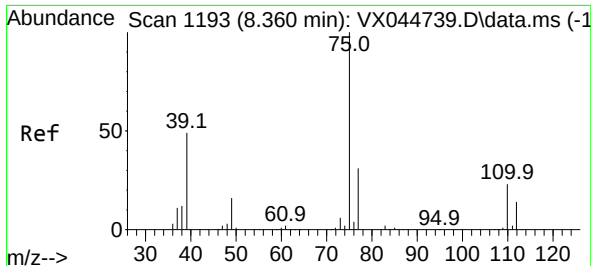
Ion Ratio Lower Upper

83 100

85 63.8 43.8 81.3

127 8.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 52.519 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

Instrument :

MSVOA_X

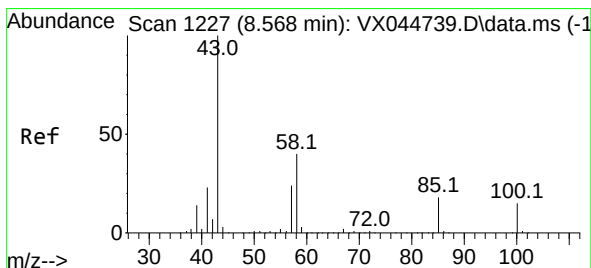
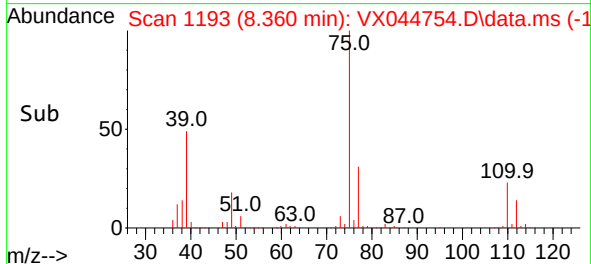
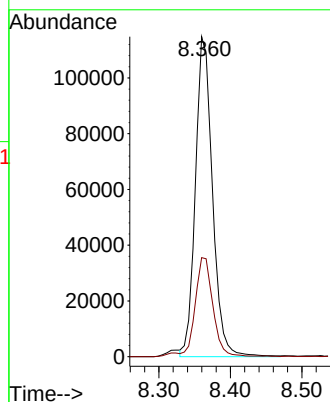
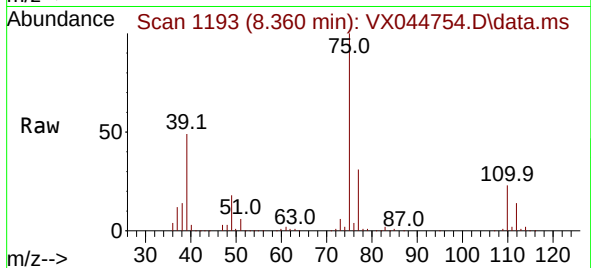
ClientSampleId :

Tgt Ion: 75 Resp: 190240

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 107.089 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

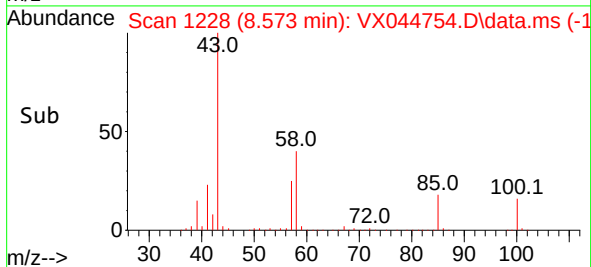
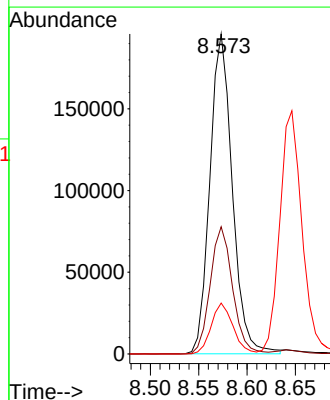
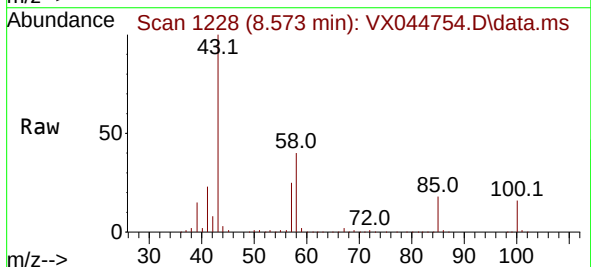
Tgt Ion: 43 Resp: 315856

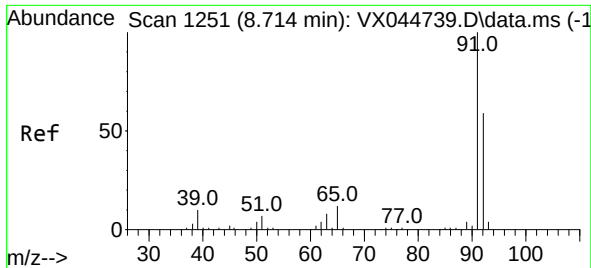
Ion Ratio Lower Upper

43 100

58 39.7 32.1 48.1

100 15.6 12.9 19.3





#42

Toluene

Concen: 53.982 ug/L

RT: 8.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

Instrument :

MSVOA_X

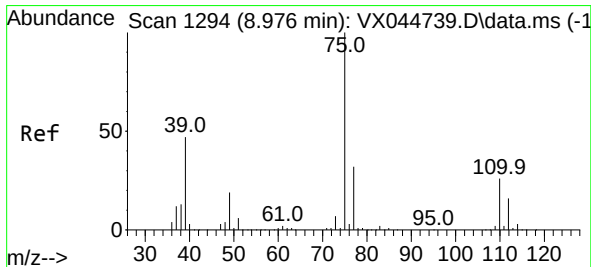
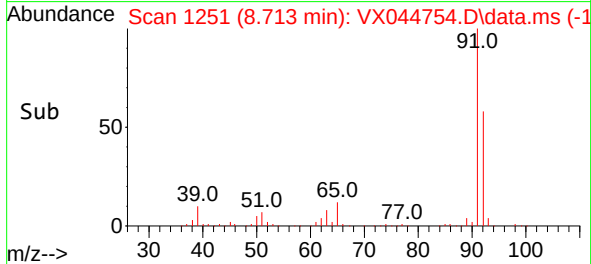
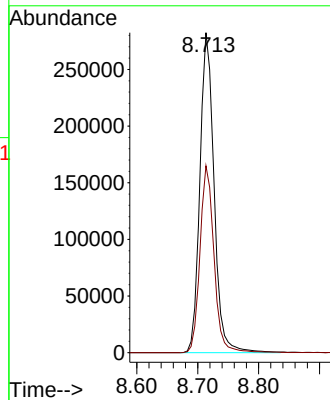
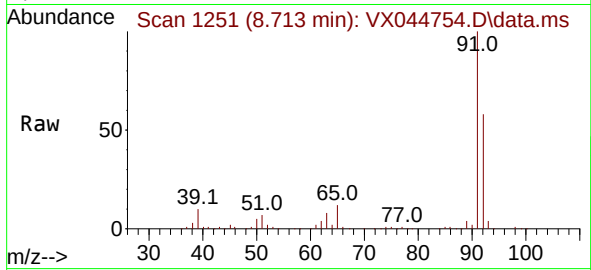
ClientSampleId :

Tgt Ion: 91 Resp: 456842

Ion Ratio Lower Upper

91 100

92 58.4 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 52.851 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044754.D

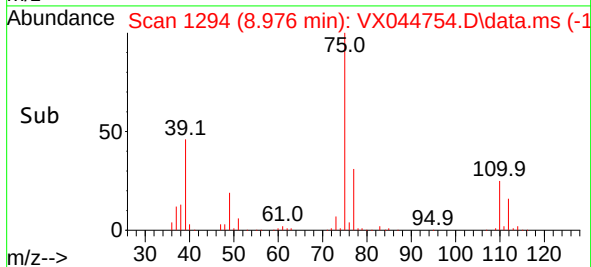
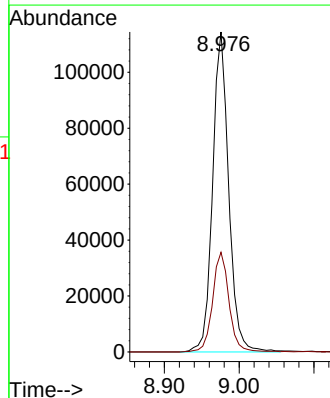
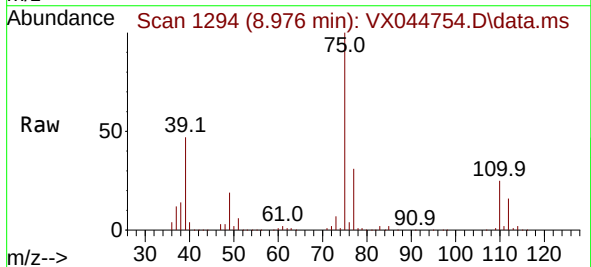
Acq: 28 Jan 2025 19:03

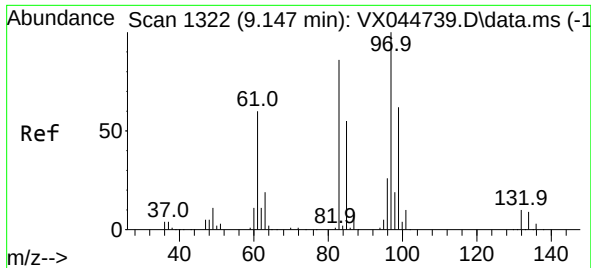
Tgt Ion: 75 Resp: 171380

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 52.966 ug/L

RT: 9.146 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 110305

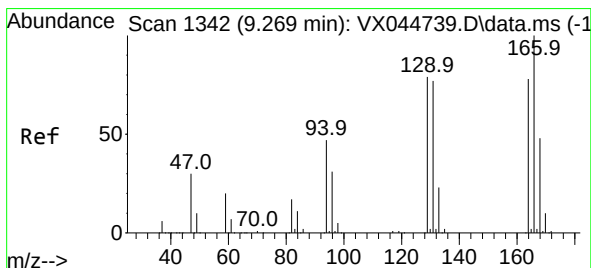
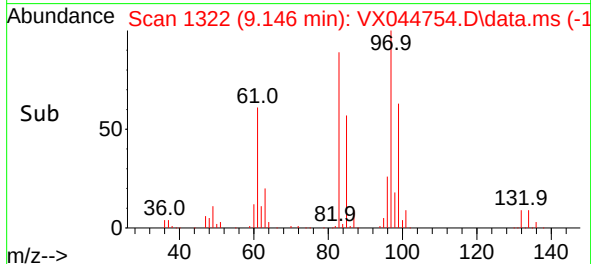
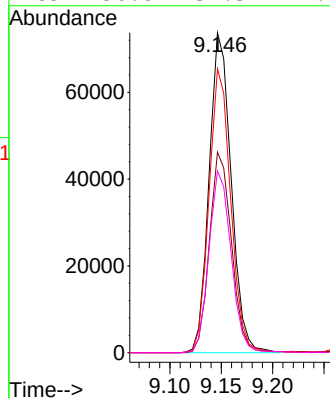
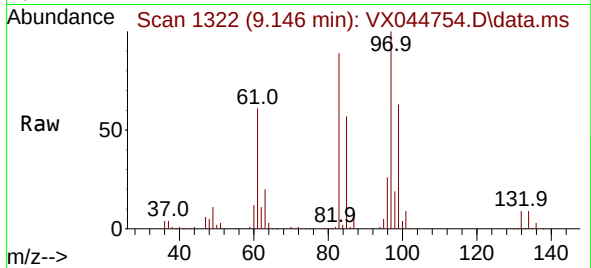
Ion Ratio Lower Upper

97 100

99 62.7 44.8 83.2

83 88.7 60.8 113.0

85 56.8 39.3 72.9



#46

Tetrachloroethene

Concen: 52.754 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

Tgt Ion:164 Resp: 78636

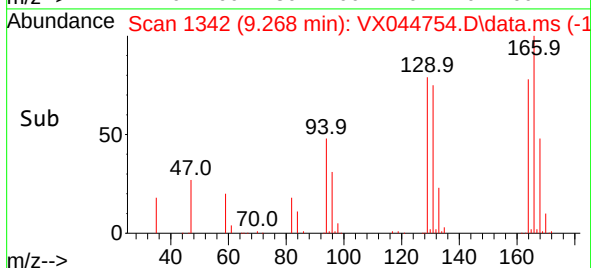
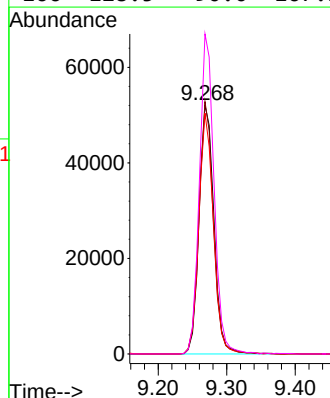
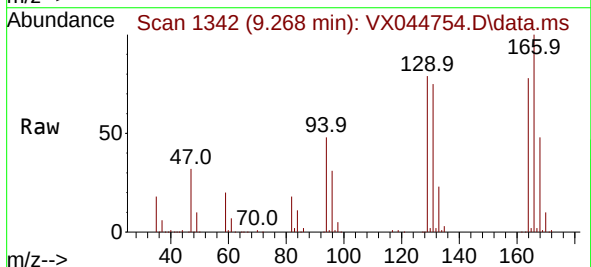
Ion Ratio Lower Upper

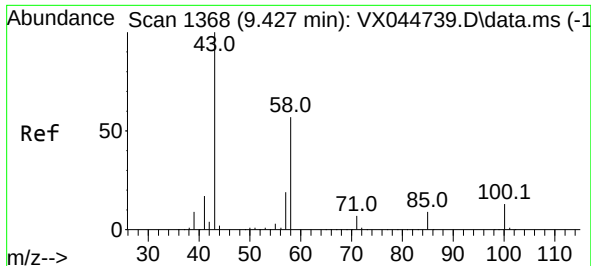
164 100

129 101.4 71.2 132.2

131 96.7 67.2 124.8

166 128.5 90.0 167.2



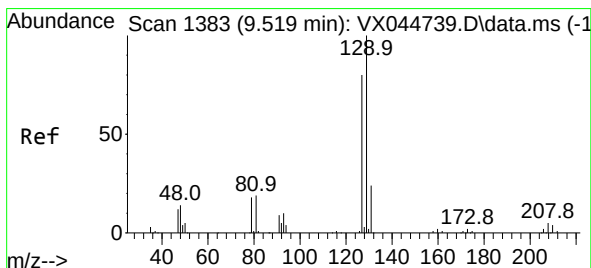
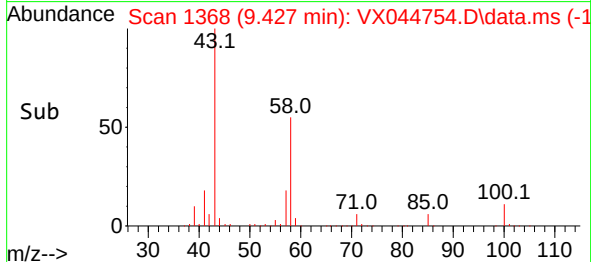
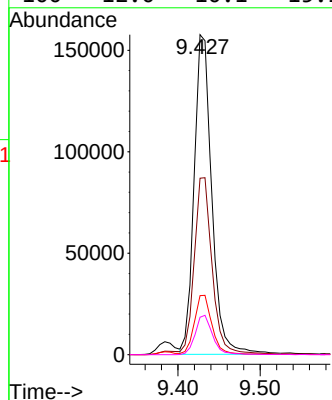
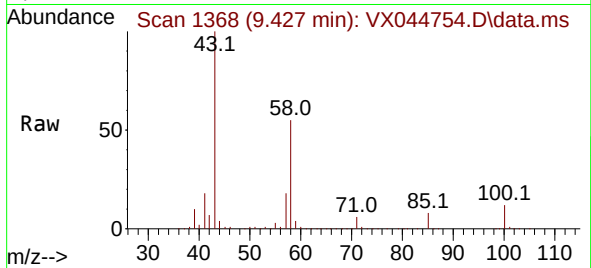


#48
2-Hexanone
Concen: 111.691 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 236053

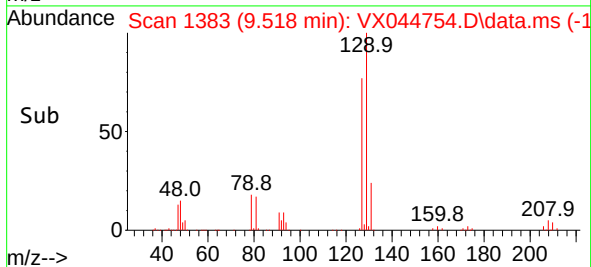
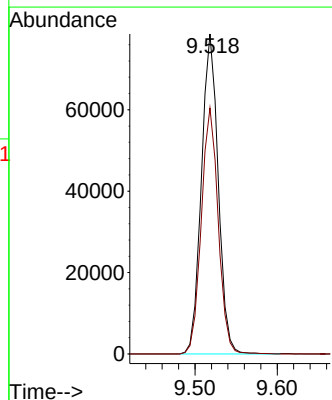
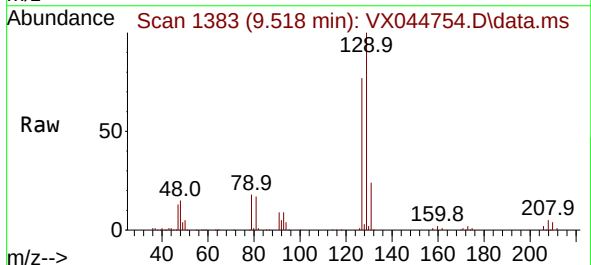
Ion	Ratio	Lower	Upper
43	100		
58	55.4	44.3	66.5
57	18.5	15.9	23.9
100	12.0	10.1	15.1

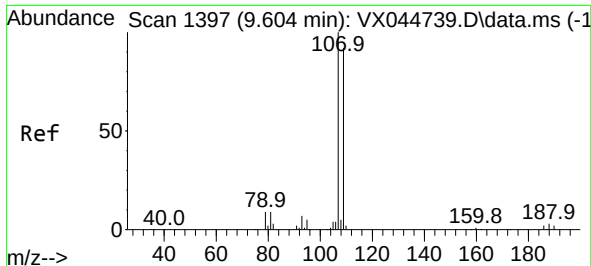


#49
Dibromochloromethane
Concen: 53.129 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion: 129 Resp: 111588

Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.6	99.6





#50

1,2-Dibromoethane

Concen: 53.398 ug/L

RT: 9.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044754.D

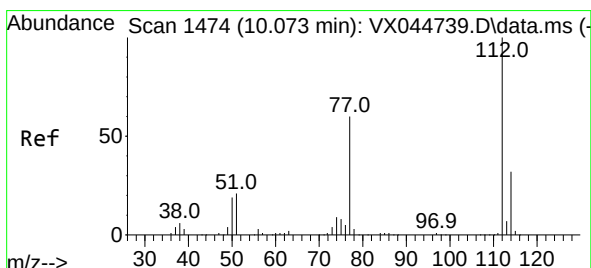
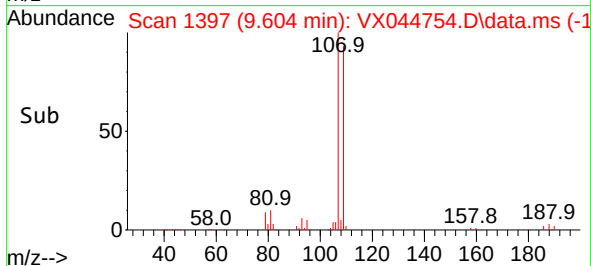
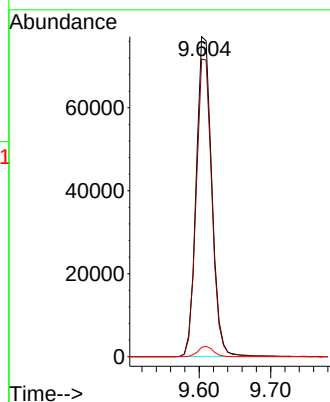
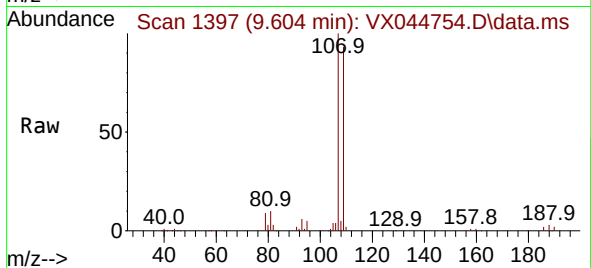
Acq: 28 Jan 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	116553
Ion	Ratio	Lower	Upper
107	100		
109	93.0	67.2	124.8
188	2.9	2.2	3.4



#51

Chlorobenzene

Concen: 52.284 ug/L

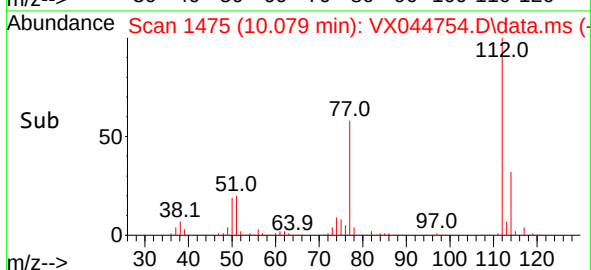
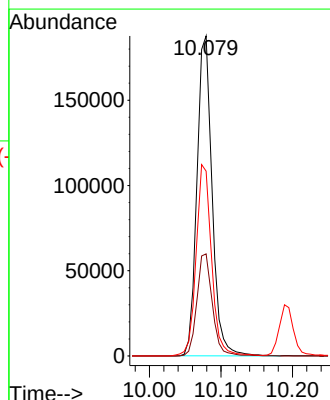
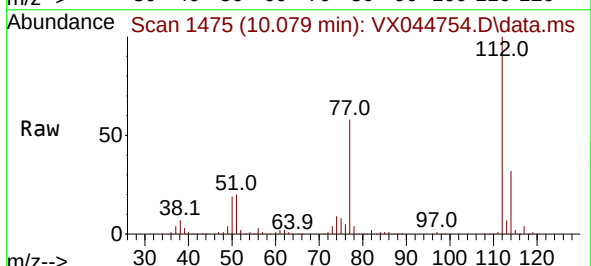
RT: 10.079 min Scan# 1475

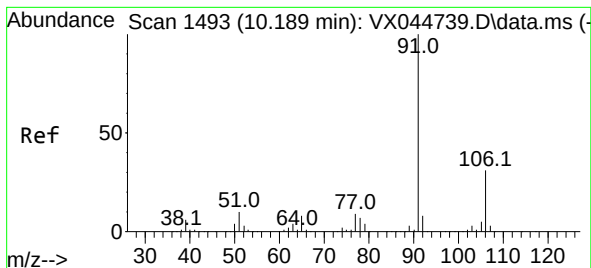
Delta R.T. 0.006 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

Tgt Ion:	112	Resp:	276226
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.4	41.6
77	57.8	49.2	73.8

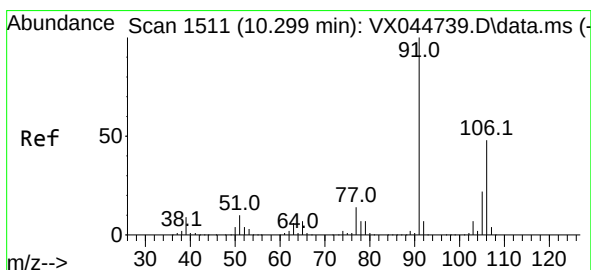
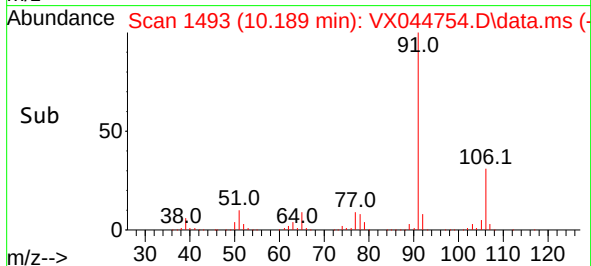
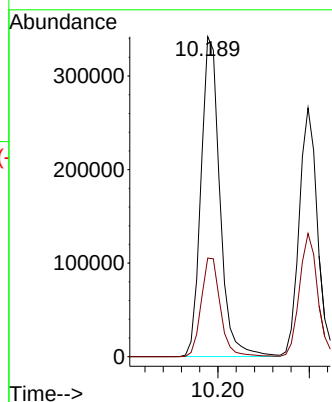
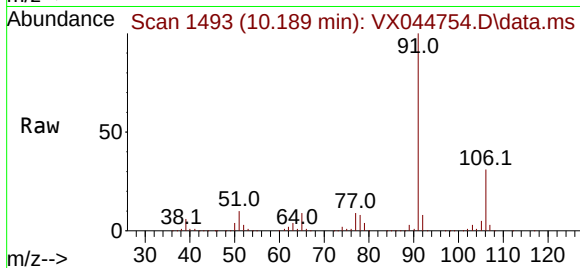




#52
Ethylbenzene
Concen: 53.050 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

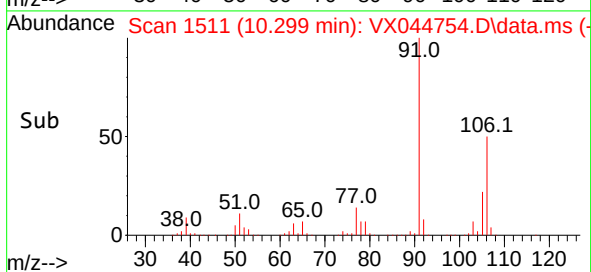
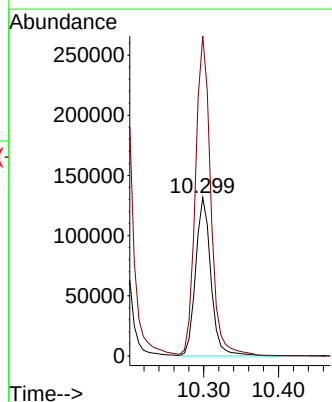
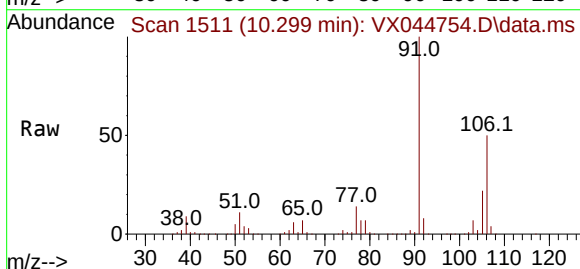
Instrument :
MSVOA_X
ClientSampleId :

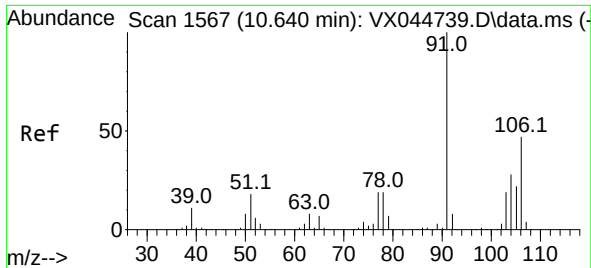
Tgt Ion: 91 Resp: 490741
Ion Ratio Lower Upper
91 100
106 30.8 21.1 39.3



#53
m,p-Xylene
Concen: 53.652 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion: 106 Resp: 186325
Ion Ratio Lower Upper
106 100
91 202.0 145.2 269.6

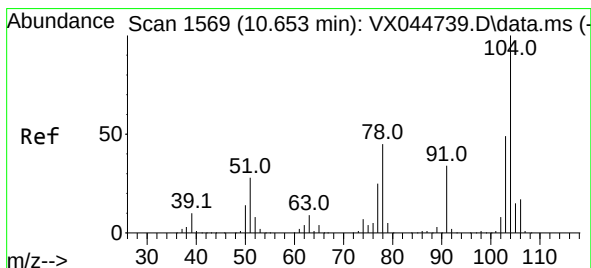
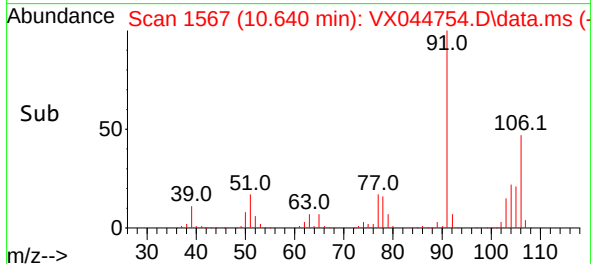
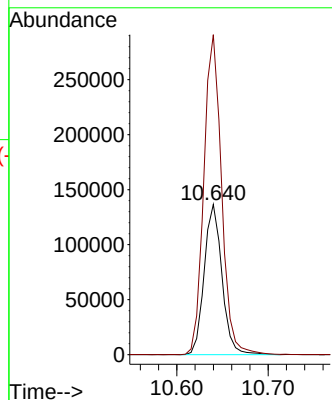
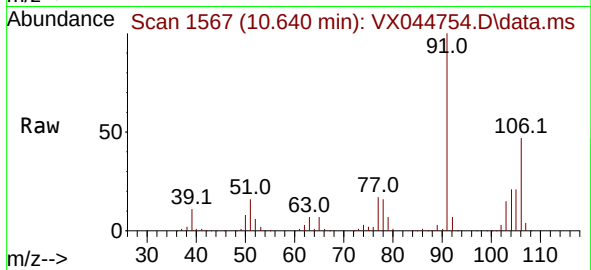




#54
o-Xylene
Concen: 53.787 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

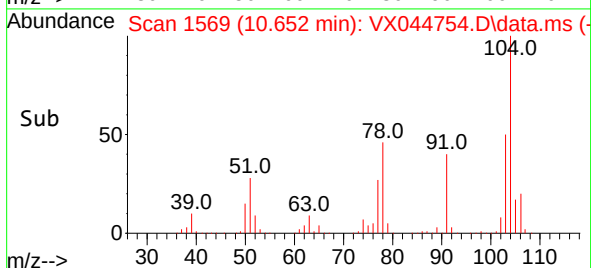
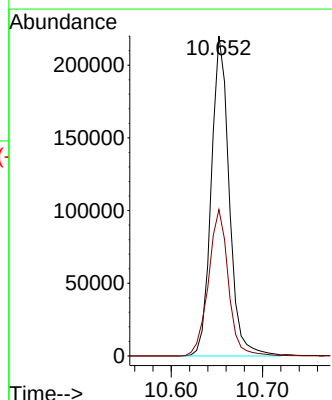
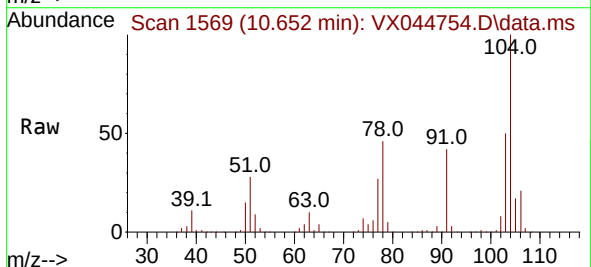
Instrument :
MSVOA_X
ClientSampleId :

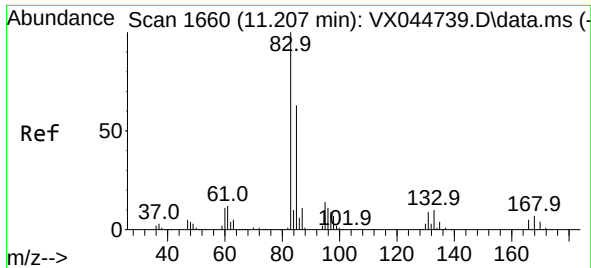
Tgt Ion:106 Resp: 184121
Ion Ratio Lower Upper
106 100
91 213.1 153.2 284.4



#55
Styrene
Concen: 53.140 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion:104 Resp: 300225
Ion Ratio Lower Upper
104 100
78 45.7 32.7 60.7

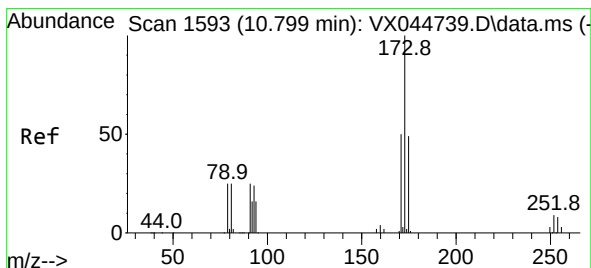
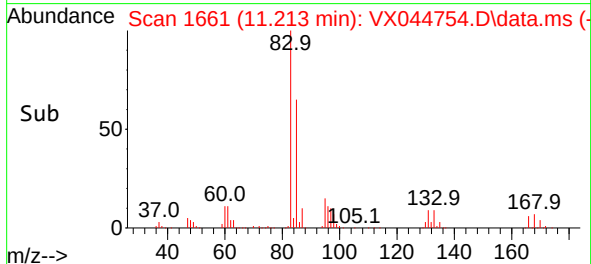
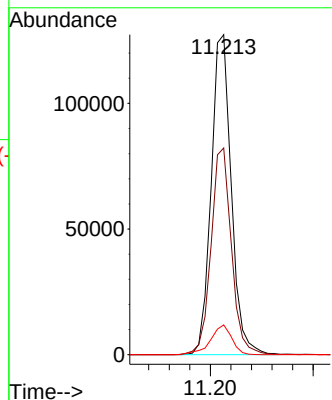
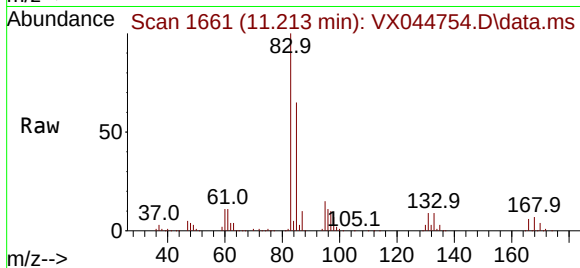




#57
1,1,2,2-Tetrachloroethane
Concen: 53.397 ug/L
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

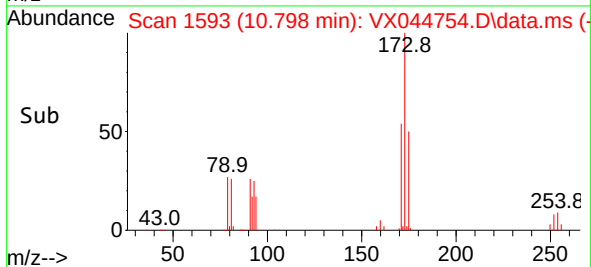
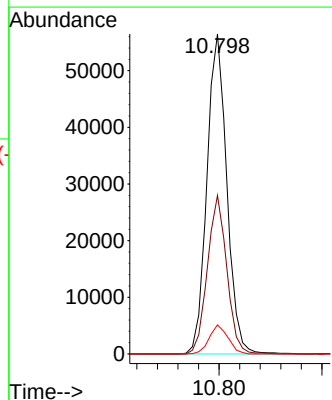
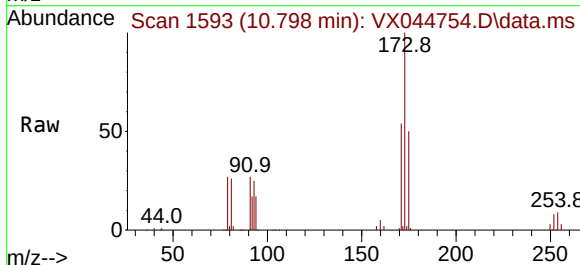
Instrument :
MSVOA_X
ClientSampleId :

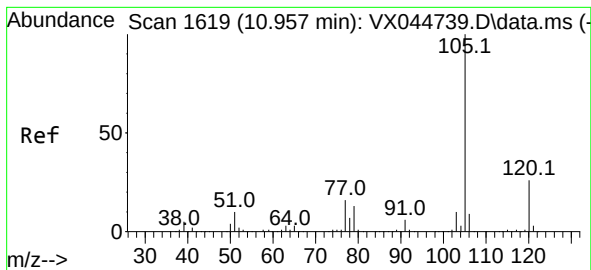
Tgt Ion: 83 Resp: 172538
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.5
131 9.3 8.0 12.0



#59
Bromoform
Concen: 53.306 ug/L
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

Tgt Ion:173 Resp: 75822
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 8.6 6.6 10.0





#60

Isopropylbenzene

Concen: 54.178 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

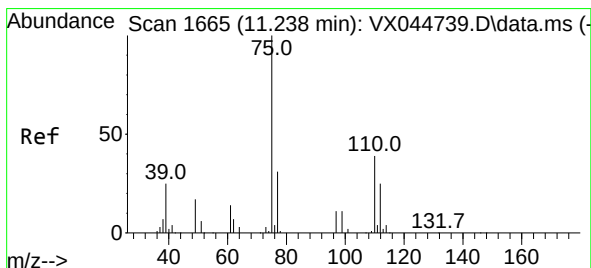
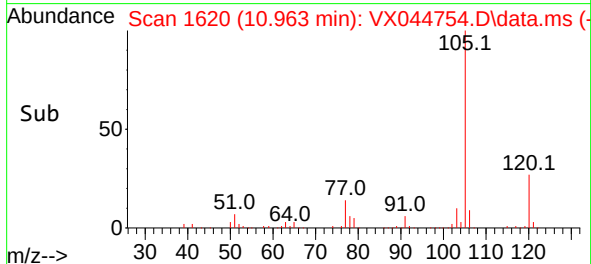
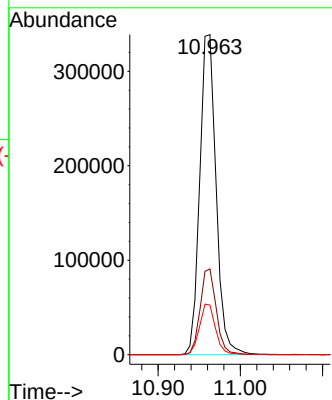
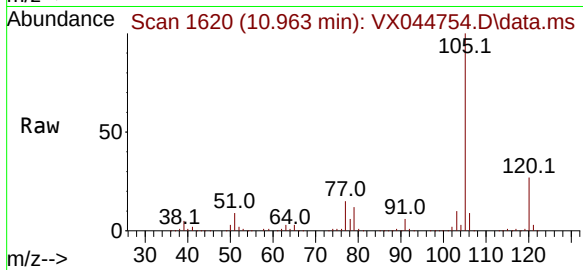
Tgt Ion:105 Resp: 467864

Ion Ratio Lower Upper

105 100

120 26.5 20.9 31.3

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 54.544 ug/L

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

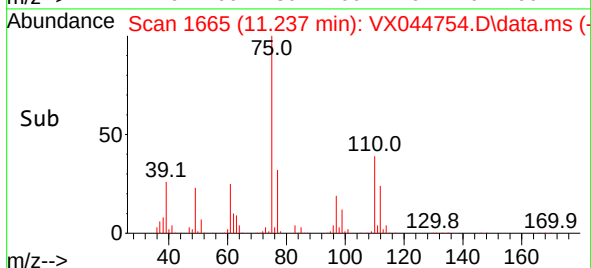
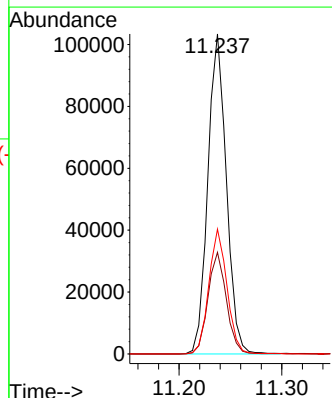
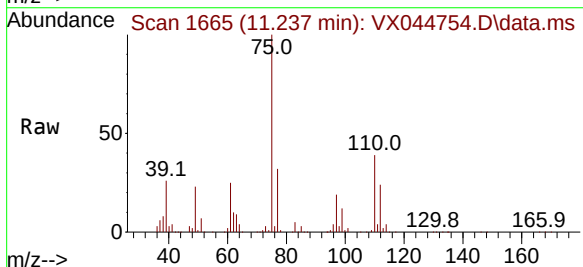
Tgt Ion: 75 Resp: 129484

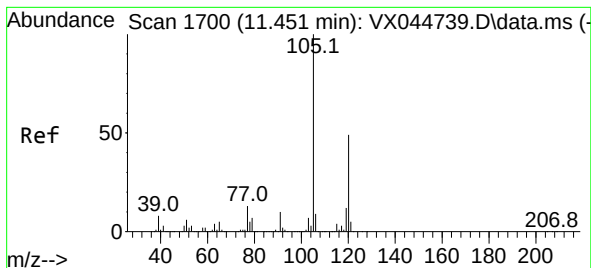
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

110 38.3 30.8 46.2

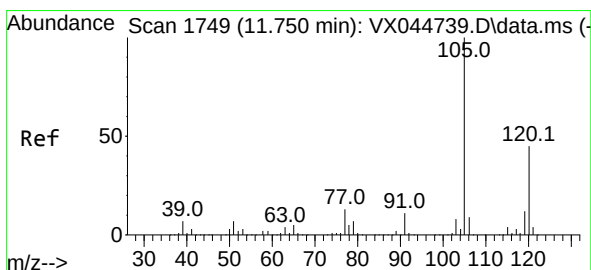
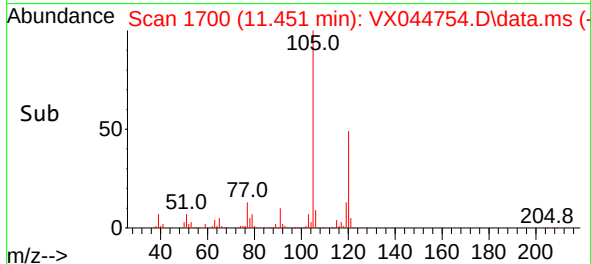
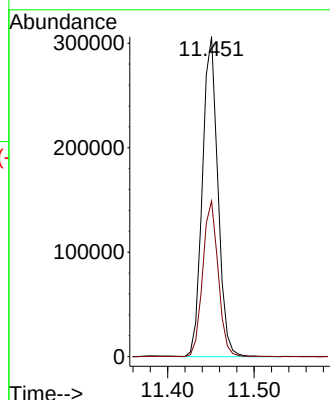
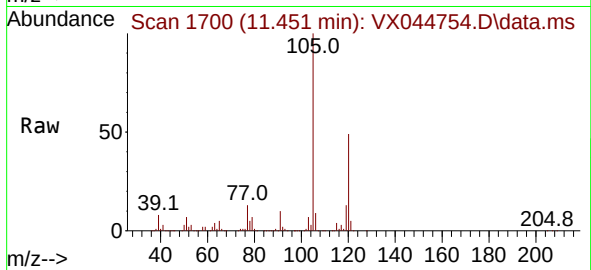




#62
1,3,5-Trimethylbenzene
Concen: 53.680 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

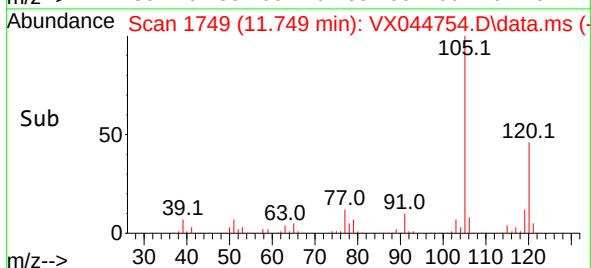
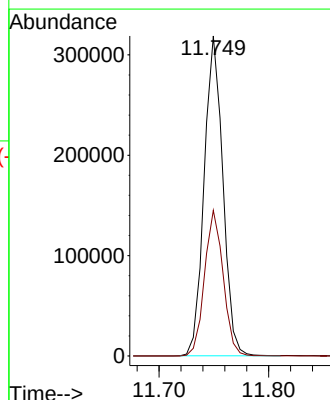
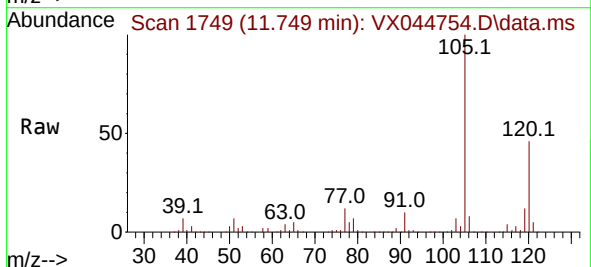
Instrument :
MSVOA_X
ClientSampleId :

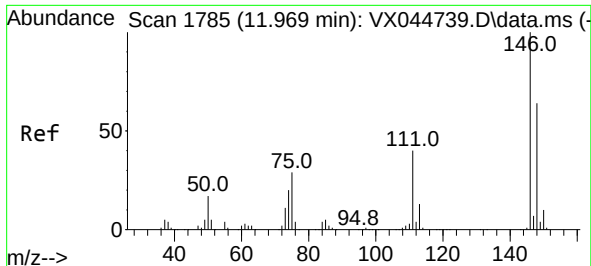
Tgt Ion:105 Resp: 380288
Ion Ratio Lower Upper
105 100
120 48.6 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 53.727 ug/L
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

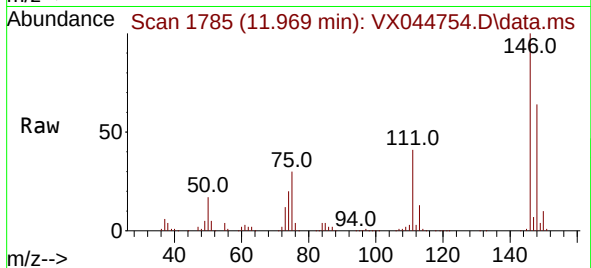
Tgt Ion:105 Resp: 376991
Ion Ratio Lower Upper
105 100
120 45.3 35.7 53.5



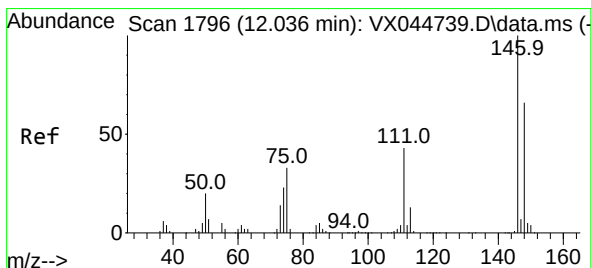
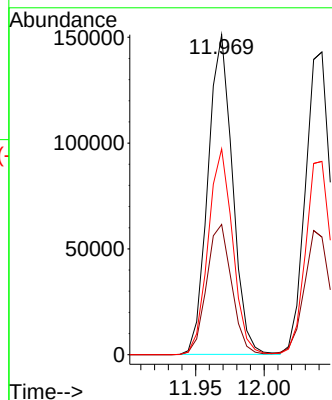
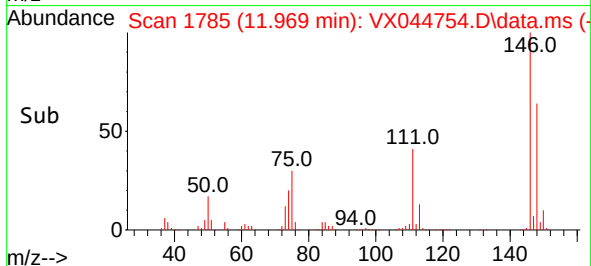


#64
1,3-Dichlorobenzene
Concen: 53.118 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

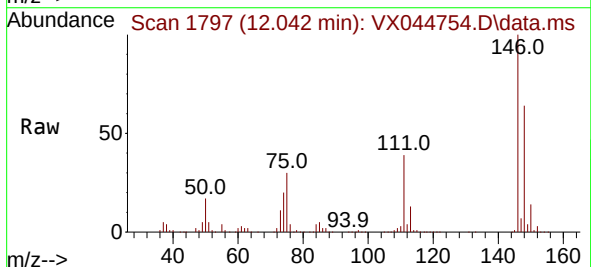
Instrument :
MSVOA_X
ClientSampleId :



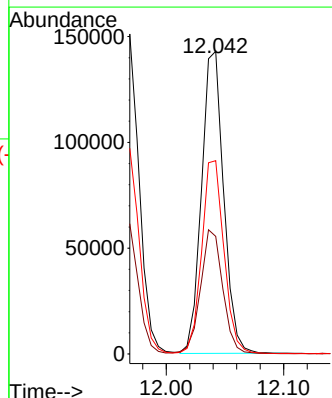
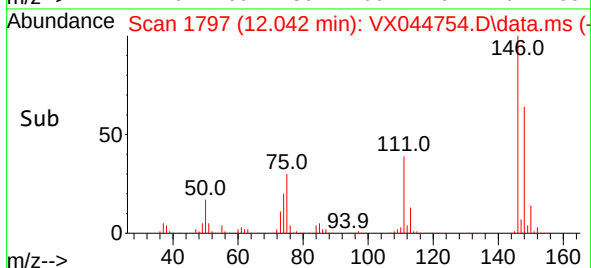
Tgt Ion:146 Resp: 188571
Ion Ratio Lower Upper
146 100
111 40.7 29.5 54.9
148 64.3 44.4 82.5

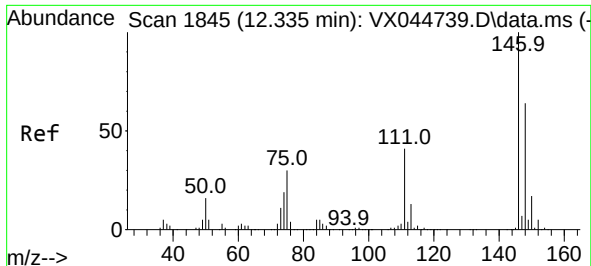


#65
1,4-Dichlorobenzene
Concen: 52.856 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03



Tgt Ion:146 Resp: 186775
Ion Ratio Lower Upper
146 100
111 38.9 29.7 55.1
148 63.9 43.5 80.7

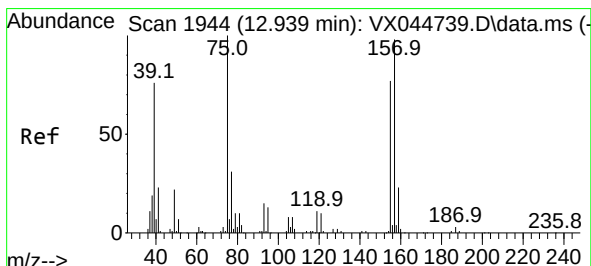
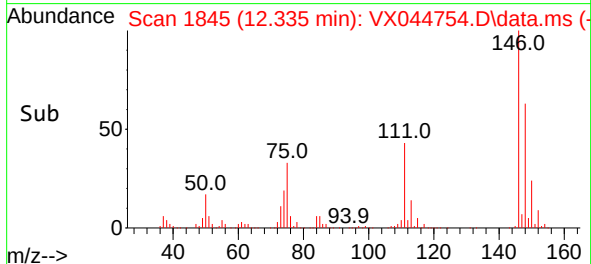
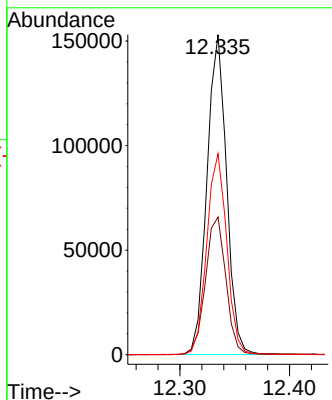
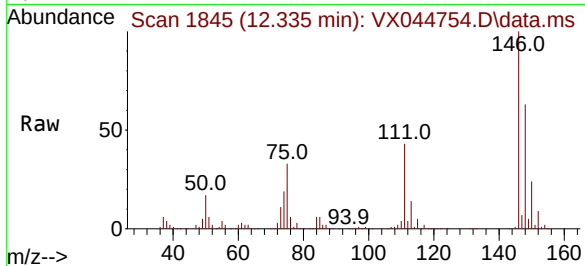




#67
1,2-Dichlorobenzene
Concen: 53.963 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

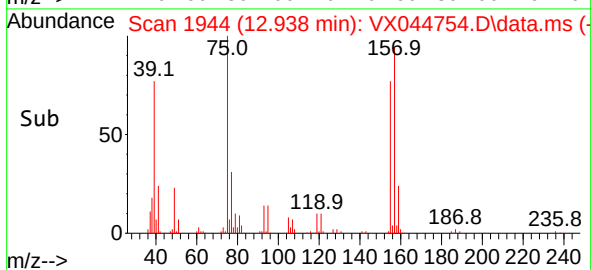
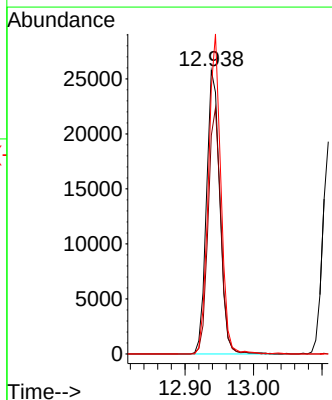
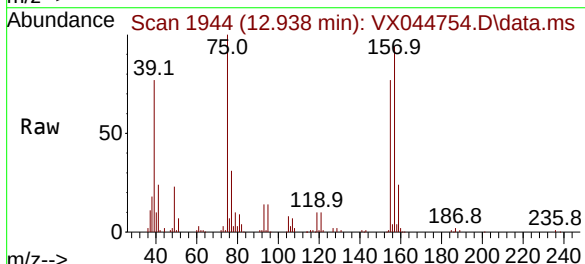
Instrument :
MSVOA_X
ClientSampleId :

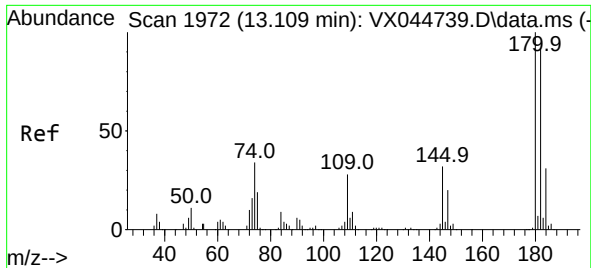
Tgt Ion:146 Resp: 189932
Ion Ratio Lower Upper
146 100
111 43.0 36.1 54.1
148 62.8 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 53.858 ug/L
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX044754.D
Acq: 28 Jan 2025 19:03

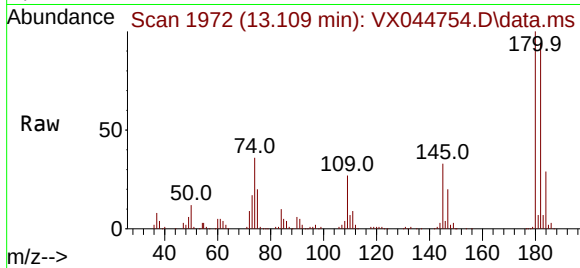
Tgt Ion: 75 Resp: 34838
Ion Ratio Lower Upper
75 100
155 77.1 62.5 93.7
157 93.9 83.5 125.3



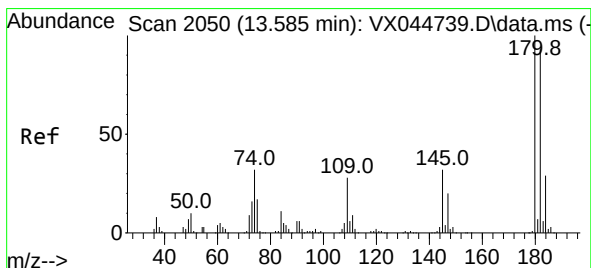
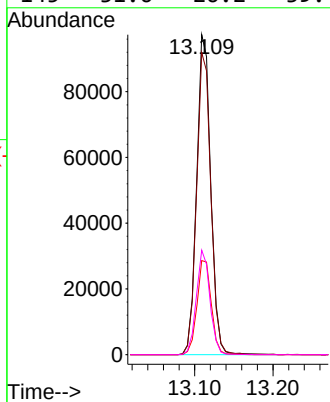
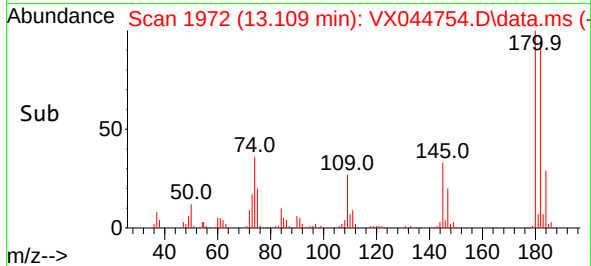


#69
 1,3,5-Trichlorobenzene
 Concen: 52.298 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX044754.D
 Acq: 28 Jan 2025 19:03

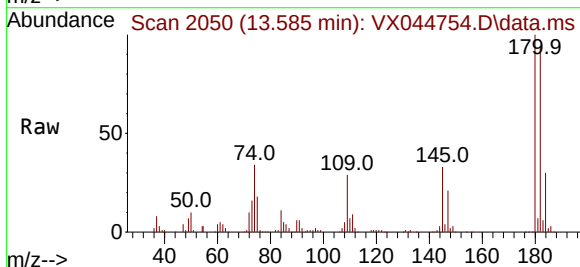
Instrument :
 MSVOA_X
 ClientSampleId :



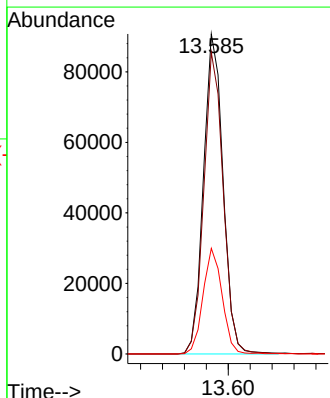
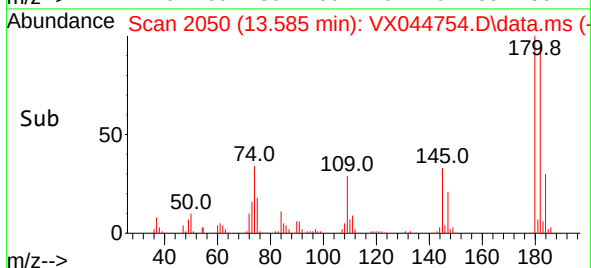
Tgt Ion:180 Resp: 121658
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.0 115.6
 184 29.9 24.0 36.0
 145 31.6 26.2 39.4

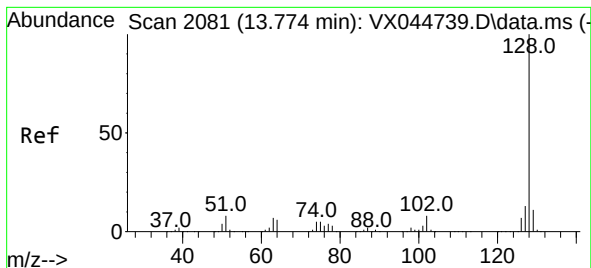


#70
 1,2,4-trichlorobenzene
 Concen: 53.672 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX044754.D
 Acq: 28 Jan 2025 19:03



Tgt Ion:180 Resp: 112561
 Ion Ratio Lower Upper
 180 100
 182 93.4 76.5 114.7
 145 32.1 27.0 40.4





#71

Naphthalene

Concen: 56.356 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

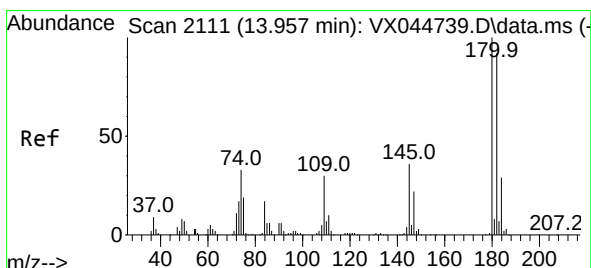
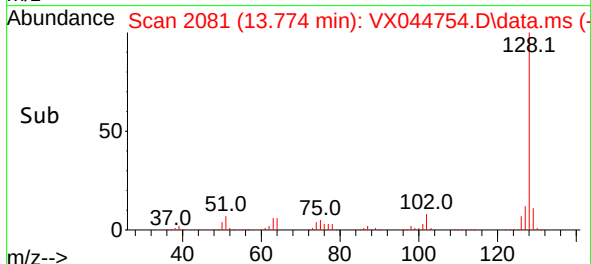
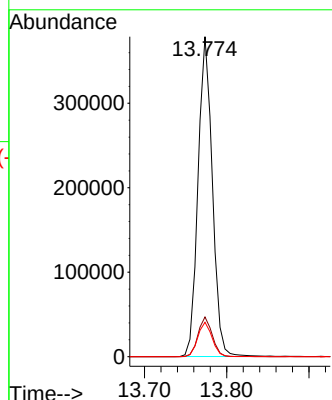
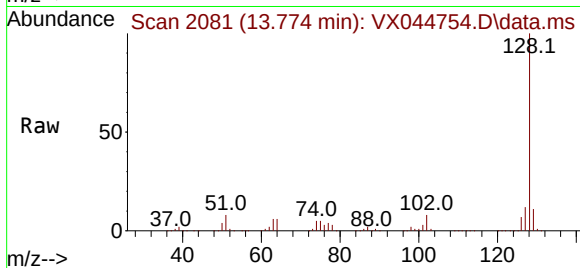
Tgt Ion:128 Resp: 458371

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.913 ug/L

RT: 13.956 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044754.D

Acq: 28 Jan 2025 19:03

Tgt Ion:180 Resp: 114650

Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

145 34.6 28.3 42.5

