

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044739.D
 Acq On : 28 Jan 2025 10:38
 Operator : JC/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 11:12:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 11:11:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	313787	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	276098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	124511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	116015	44.190	ug/L	0.00
7) Chloroethane-d5	1.648	69	51818	68.008	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.300	65	51307	50.770	ug/L	0.00
21) 2-Butanone-d5	4.459	46	119954	90.940	ug/L	0.00
24) Chloroform-d	5.050	84	206852	47.038	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	122939	42.793	ug/L	0.00
32) Benzene-d6	5.964	84	429613	47.461	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	135330	47.397	ug/L	0.00
41) Toluene-d8	8.647	98	379048	46.862	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	65978	45.476	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	85070	101.919	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	174242	49.609	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	124281	47.323	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	117437	62.061	ug/L	99
3) Chloromethane	1.307	50	142277	61.944	ug/L	100
5) Vinyl chloride	1.374	62	123173	55.429	ug/L	99
6) Bromomethane	1.593	94	33934	62.612	ug/L	100
8) Chloroethane	1.666	64	56535	95.795	ug/L	95
9) Trichlorofluoromethane	1.874	101	157747	71.654	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	105357	61.562	ug/L	98
12) 1,1-Dichloroethene	2.313	96	100381	62.979	ug/L	98
13) Acetone	2.380	43	101846	121.922	ug/L	99
14) Carbon disulfide	2.502	76	302168	60.139	ug/L	100
15) Methyl Acetate	2.703	43	122078	61.117	ug/L	100
16) Methylene chloride	2.782	84	116107	59.006	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	103725	58.310	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	356957	56.631	ug/L	98
19) 1,1-Dichloroethane	3.605	63	204241	58.223	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	122492	57.333	ug/L	97
22) 2-Butanone	4.556	43	166591	126.534	ug/L	99
23) Bromochloromethane	4.891	128	59182	56.750	ug/L	97
25) Chloroform	5.086	83	198350	55.751	ug/L	99
27) 1,2-Dichloroethane	6.080	62	150461	55.430	ug/L	97
29) Cyclohexane	5.458	56	204368	60.895	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	169414	54.923	ug/L	100
31) Carbon tetrachloride	5.672	117	145729	54.852	ug/L	99
33) Benzene	6.031	78	447100	57.836	ug/L	100
34) Trichloroethene	7.117	95	112712	56.235	ug/L	98
35) Methylcyclohexane	7.373	83	194186	58.528	ug/L	99
37) 1,2-Dichloropropane	7.421	63	119787	57.260	ug/L	99
38) Bromodichloromethane	7.818	83	152176	54.543	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	197093	55.325	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	340444	130.713	ug/L	99
42) Toluene	8.714	91	463155	57.730	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	179089	55.570	ug/L	100

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

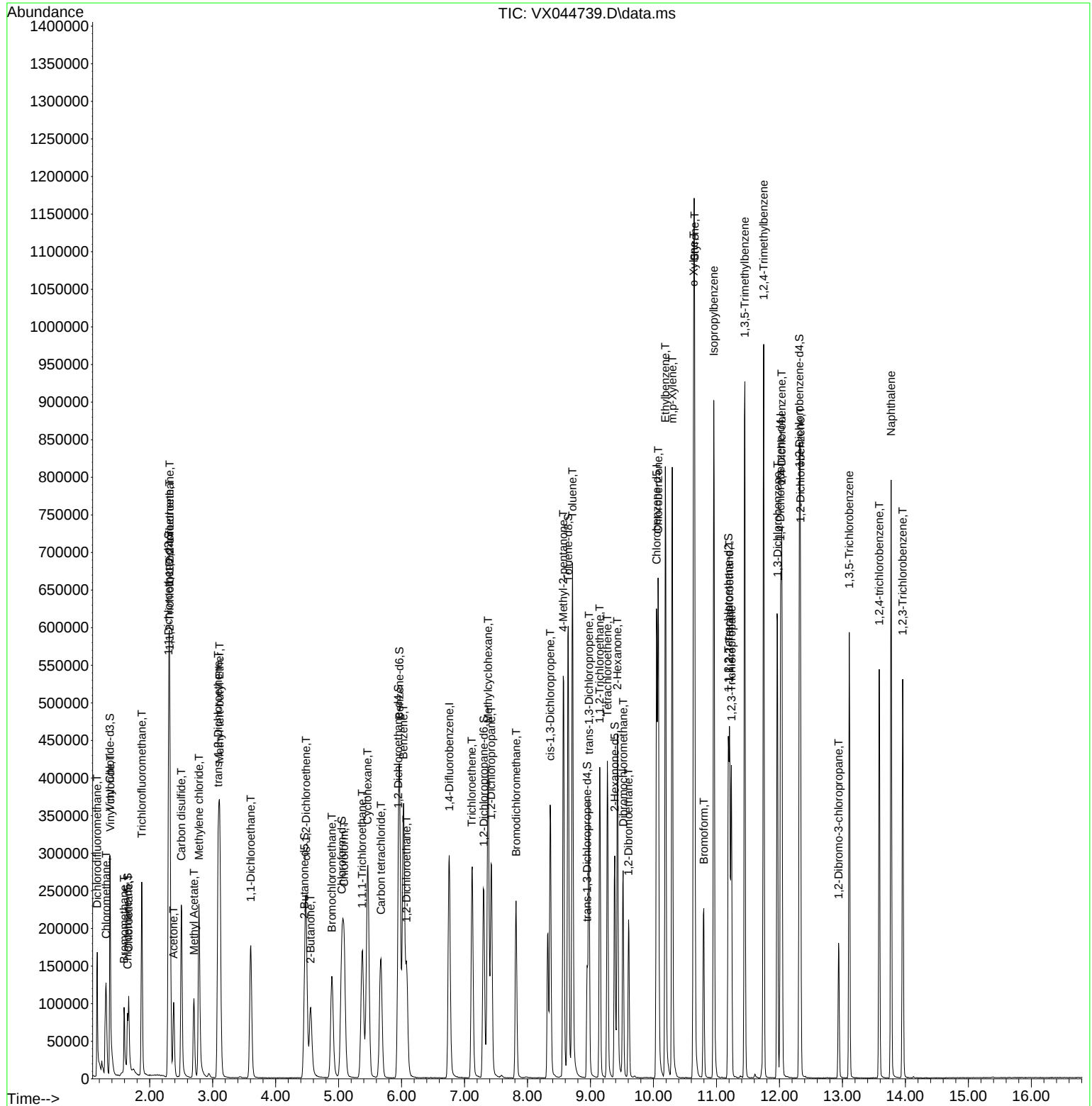
45) 1,1,2-Trichloroethane	9.147	97	113927	56.047	ug/L	98
46) Tetrachloroethene	9.269	164	79065	57.457	ug/L	99
48) 2-Hexanone	9.427	43	250256	129.954	ug/L	99
49) Dibromochloromethane	9.519	129	115676	55.195	ug/L	97
50) 1,2-Dibromoethane	9.604	107	119815	57.584	ug/L	96
51) Chlorobenzene	10.073	112	289777	58.061	ug/L	99
52) Ethylbenzene	10.189	91	506484	58.271	ug/L	99
53) m,p-Xylene	10.299	106	190502	58.559	ug/L	100
54) o-Xylene	10.640	106	190239	58.595	ug/L	96
55) Styrene	10.653	104	320906	60.674	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	180555	59.826	ug/L	99
59) Bromoform	10.799	173	82983	53.781	ug/L	100
60) Isopropylbenzene	10.957	105	490341	55.923	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	136667	55.969	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	410547	56.238	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	406277	57.059	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	202554	57.126	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	199406	56.113	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	202471	56.897	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	36593	52.860	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	132592	57.169	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	120640	57.845	ug/L	99
71) Naphthalene	13.774	128	466326	58.583	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	122429	57.285	ug/L	97

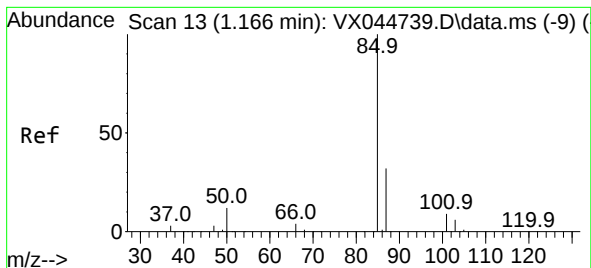
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MSVOA_X
ClientSampleId :

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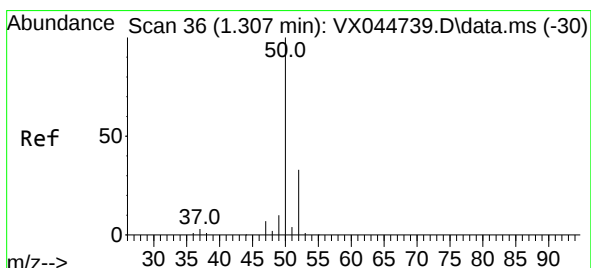
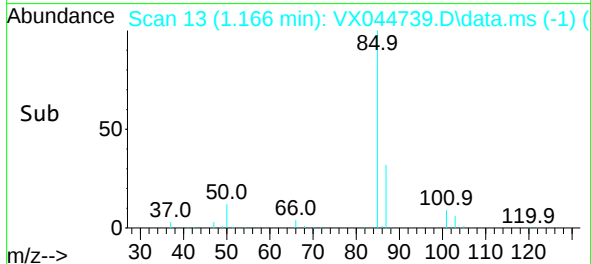
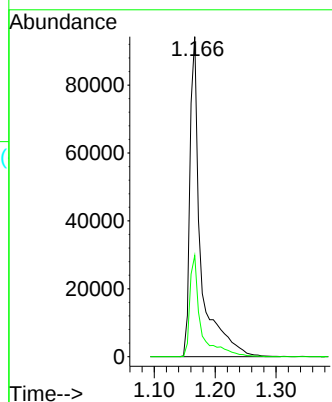
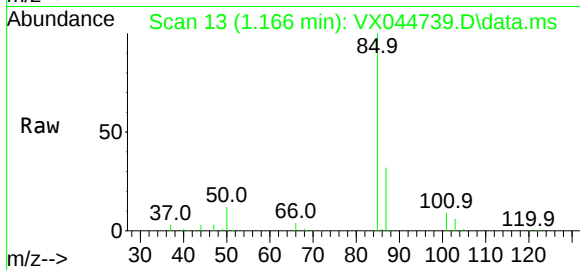




#2
Dichlorodifluoromethane
Concen: 62.061 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

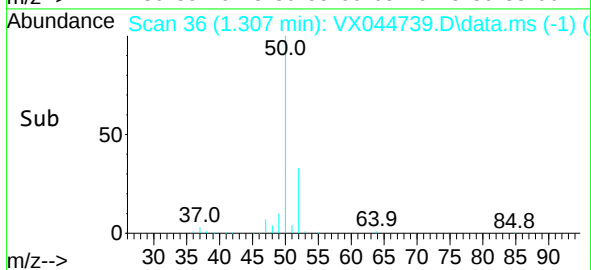
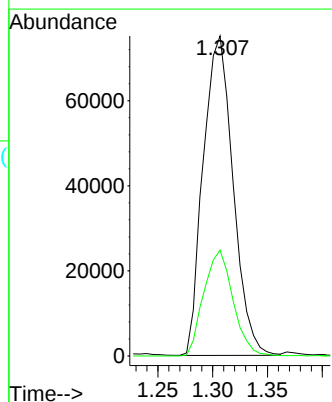
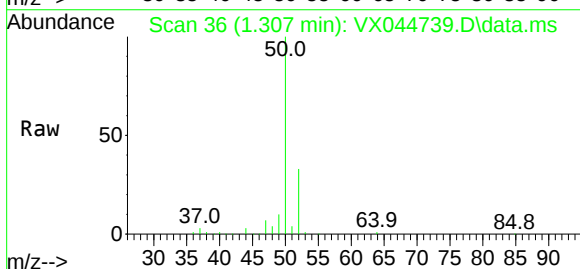
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ClientSampleId :

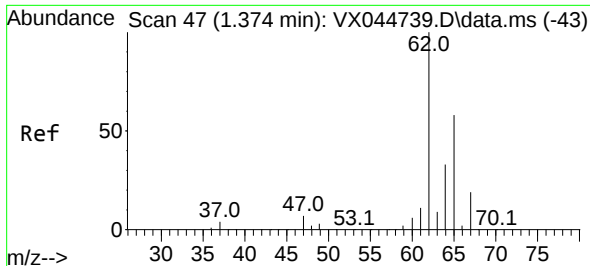
Tgt Ion: 85 Resp: 117437
Ion Ratio Lower Upper
85 100
87 32.0 25.9 38.9



#3
Chloromethane
Concen: 61.944 ug/L
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion: 50 Resp: 142277
Ion Ratio Lower Upper
50 100
52 33.0 23.3 43.3

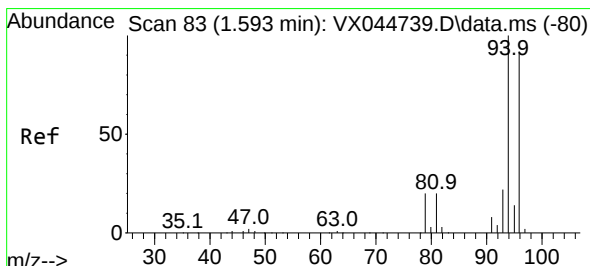
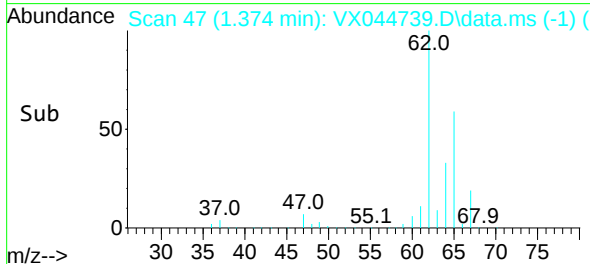
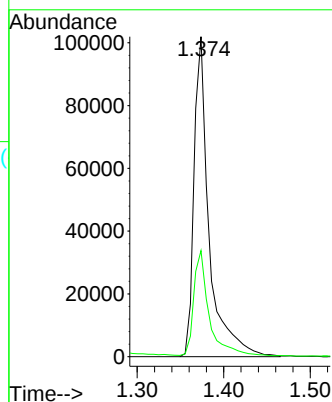
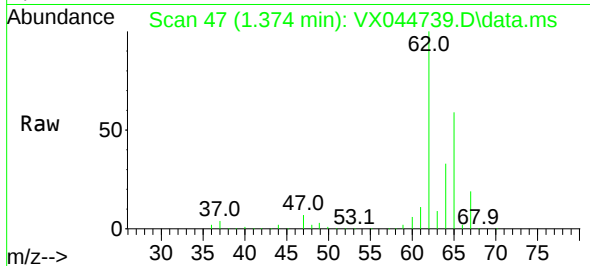




#5
 Vinyl chloride
 Concen: 55.429 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX044739.D
 Acq: 28 Jan 2025 10:38

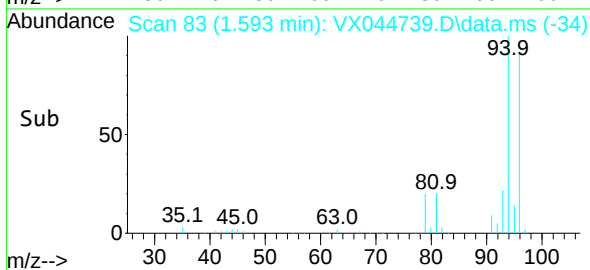
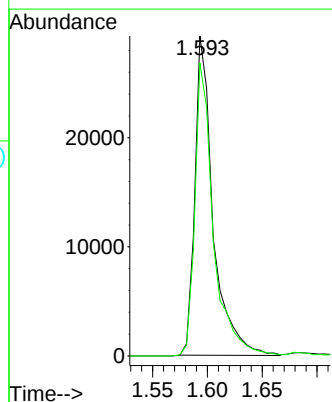
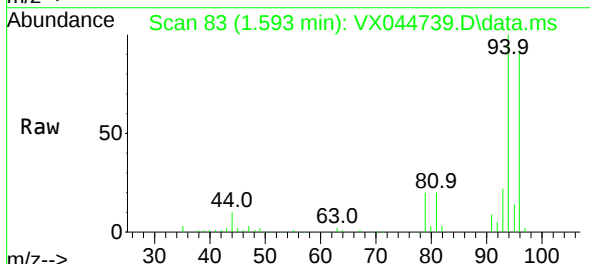
Instrument :
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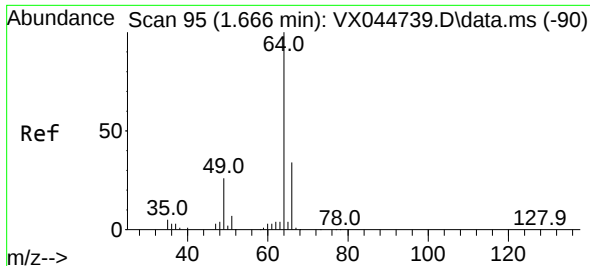
Tgt Ion: 62 Resp: 123173
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.7 44.1



#6
 Bromomethane
 Concen: 62.612 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX044739.D
 Acq: 28 Jan 2025 10:38

Tgt Ion: 94 Resp: 33934
 Ion Ratio Lower Upper
 94 100
 96 91.6 64.3 119.3

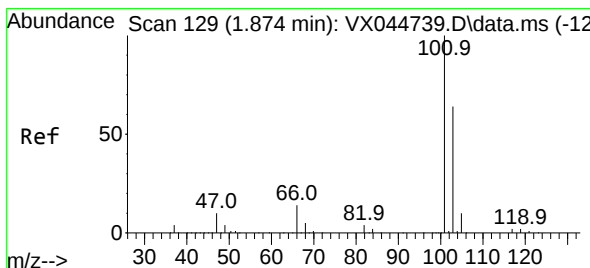
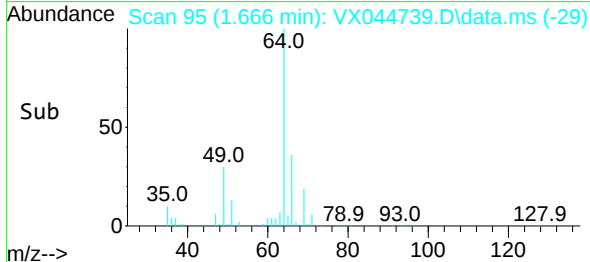
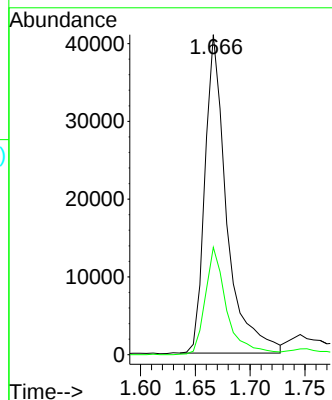
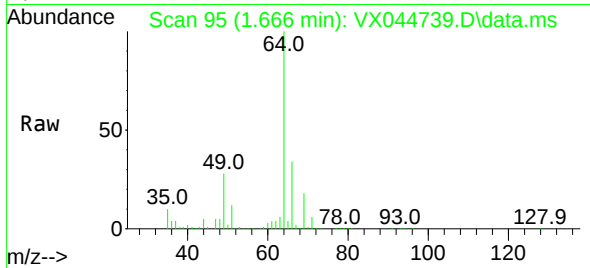




#8
Chloroethane
Concen: 95.795 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

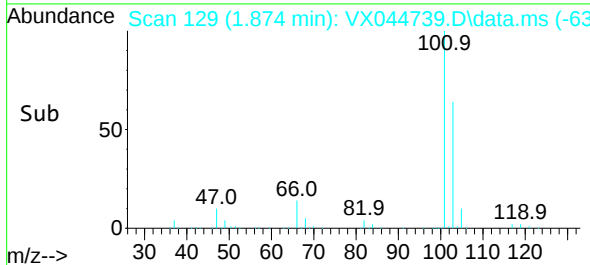
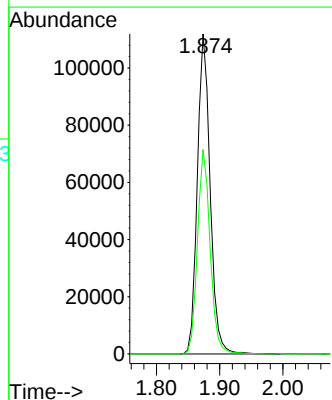
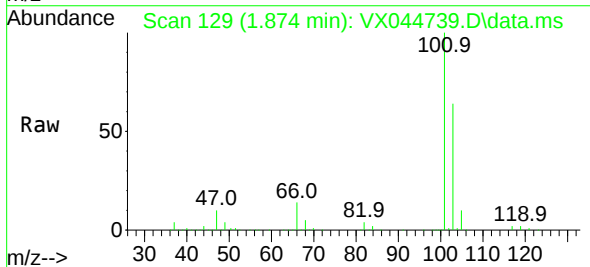
Instrument :
MSVOA_X
ClientSampleId :

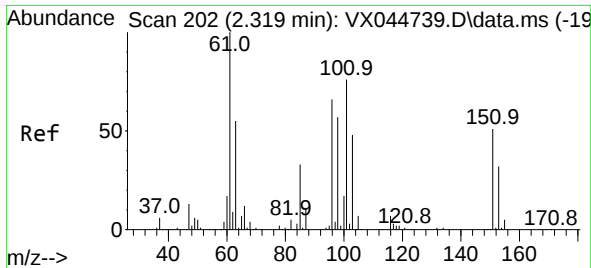
Tgt Ion: 64 Resp: 56535
Ion Ratio Lower Upper
64 100
66 33.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 71.654 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion:101 Resp: 157747
Ion Ratio Lower Upper
101 100
103 63.3 52.2 78.2

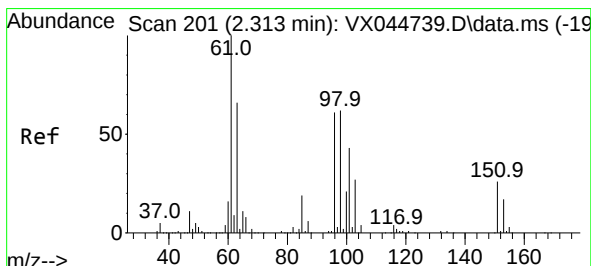
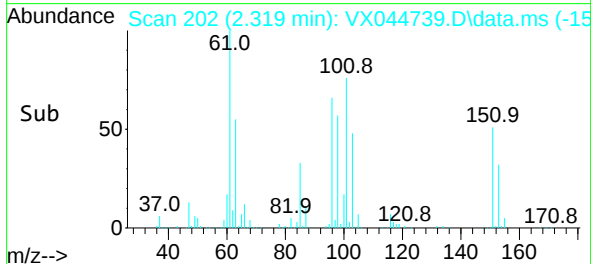
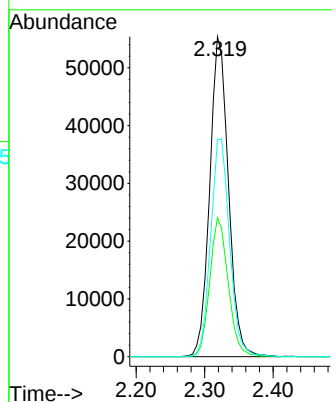
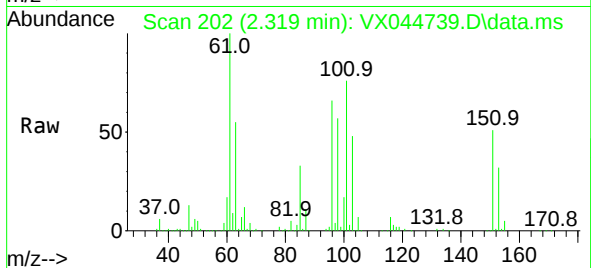




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 61.562 ug/L
 RT: 2.319 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX044739.D
 Acq: 28 Jan 2025 10:38

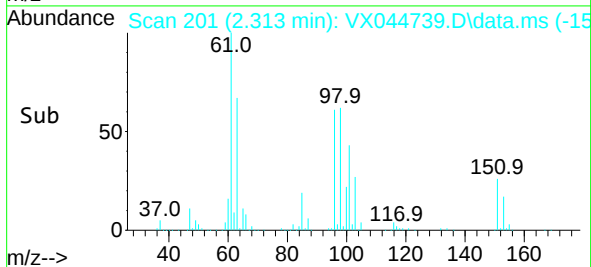
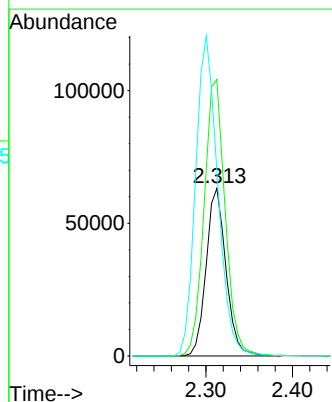
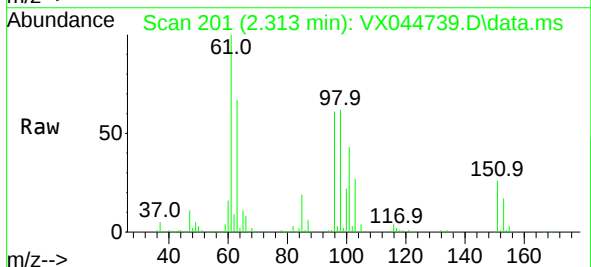
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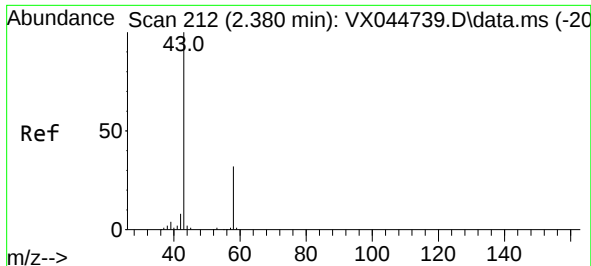
Tgt Ion:101 Resp: 105357
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.4 53.0
 151 69.1 57.0 85.4



#12
 1,1-Dichloroethene
 Concen: 62.979 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VX044739.D
 Acq: 28 Jan 2025 10:38

Tgt Ion: 96 Resp: 100381
 Ion Ratio Lower Upper
 96 100
 61 164.9 115.1 213.8
 63 110.9 74.1 137.5

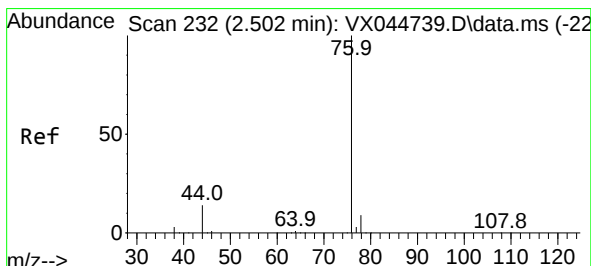
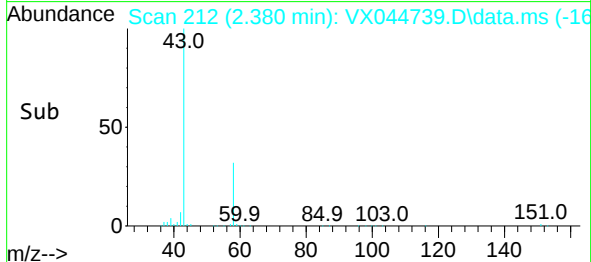
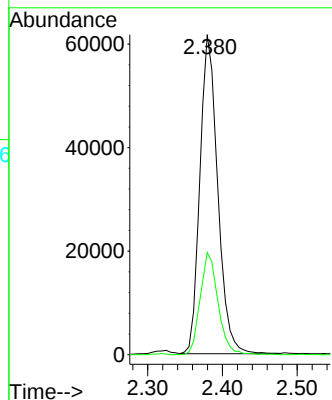
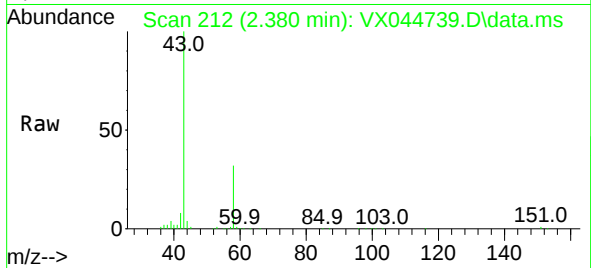




#13
Acetone
Concen: 121.922 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

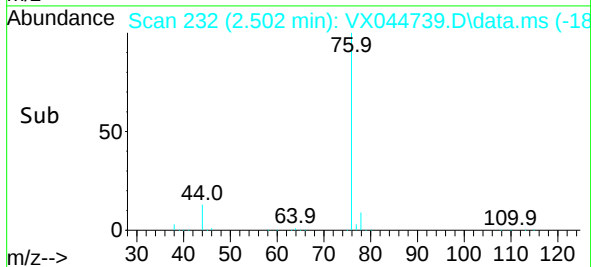
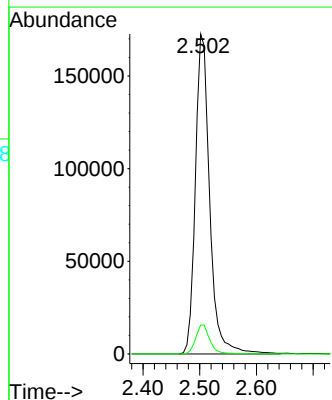
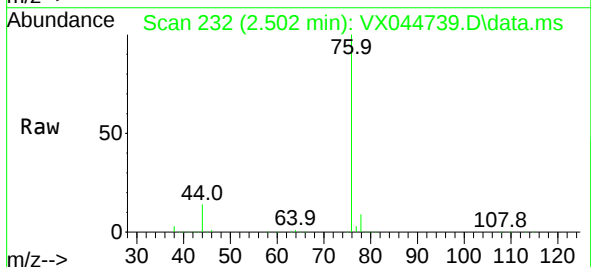
Instrument :
MSVOA_X
ClientSampleId :

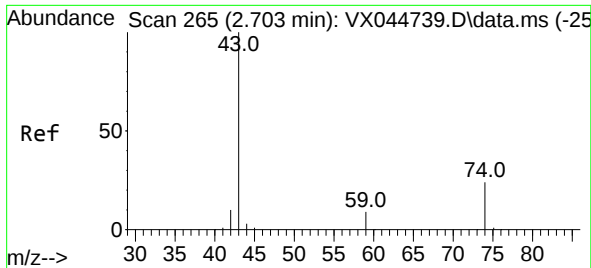
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Ion Ratio Lower Upper
43 100
58 31.9 0.0 64.6



#14
Carbon disulfide
Concen: 60.139 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion: 76 Resp: 302168
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

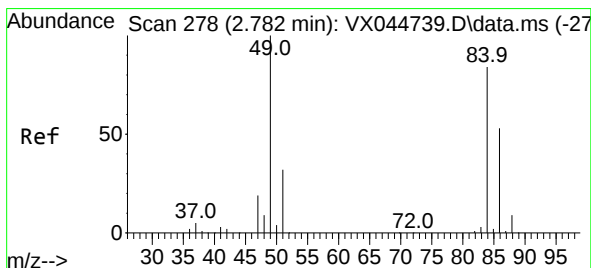
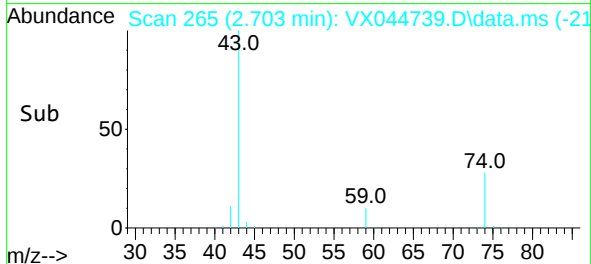
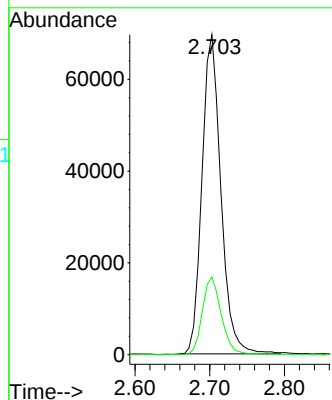
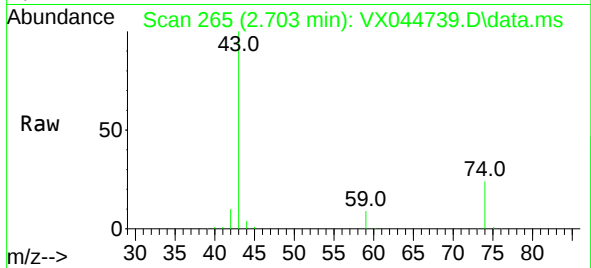




#15
Methyl Acetate
Concen: 61.117 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

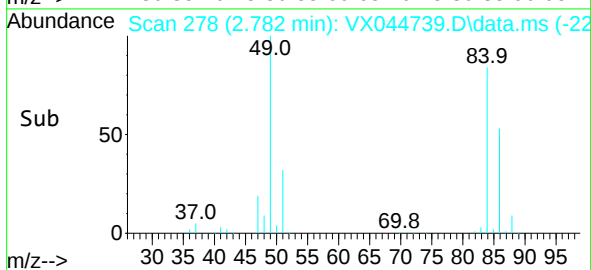
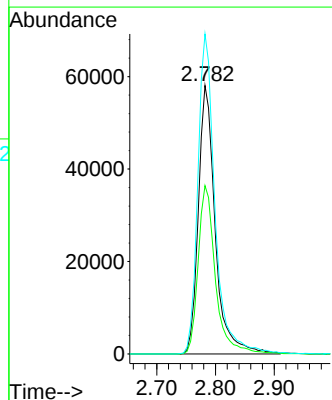
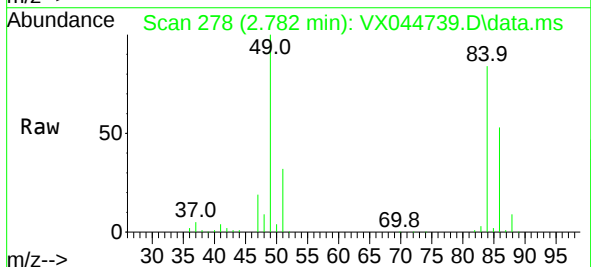
Instrument :
MSVOA_X
ClientSampleId :

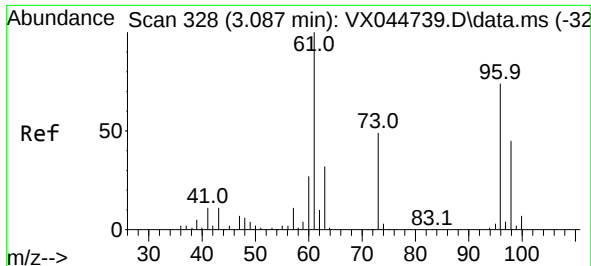
Tgt Ion: 43 Resp: 122078
Ion Ratio Lower Upper
43 100
74 24.4 19.7 29.5



#16
Methylene chloride
Concen: 59.006 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion: 84 Resp: 116107
Ion Ratio Lower Upper
84 100
86 62.7 45.6 84.8
49 119.2 84.6 157.0

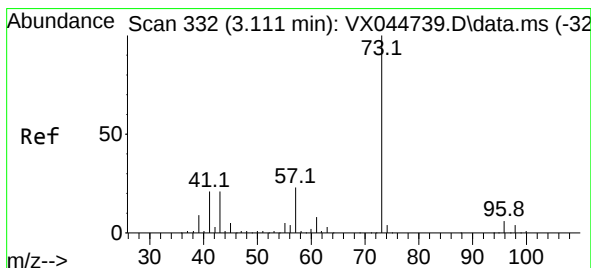
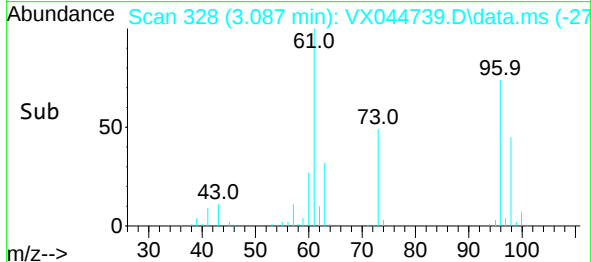
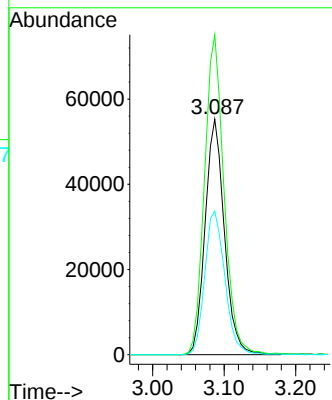
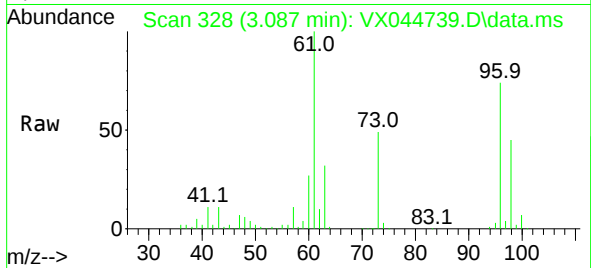




#17
trans-1,2-Dichloroethene
Concen: 58.310 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

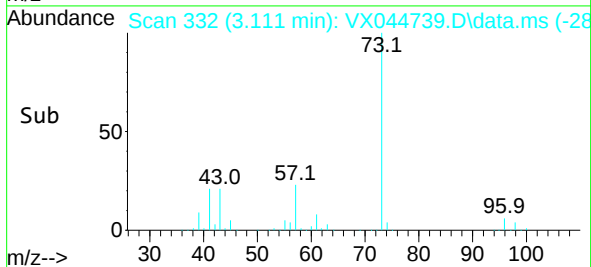
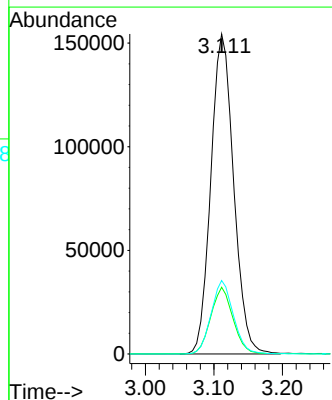
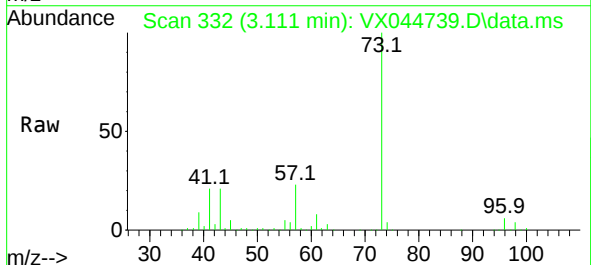
Instrument :
MSVOA_X
ClientSampleId :

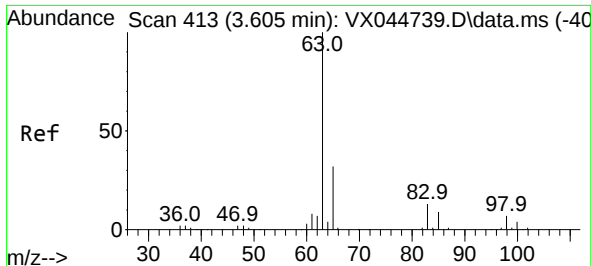
Tgt Ion: 96 Resp: 103725
Ion Ratio Lower Upper
96 100
61 135.9 98.3 182.7
98 61.0 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 56.631 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion: 73 Resp: 356957
Ion Ratio Lower Upper
73 100
43 20.2 16.9 25.3
57 22.3 17.4 26.0





#19

1,1-Dichloroethane

Concen: 58.223 ug/L

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

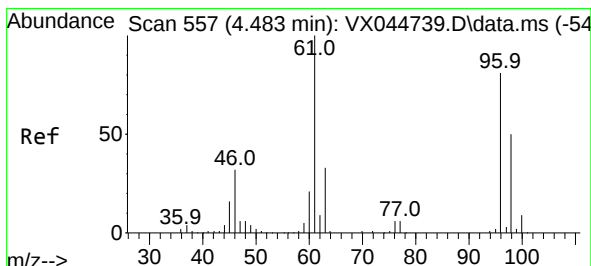
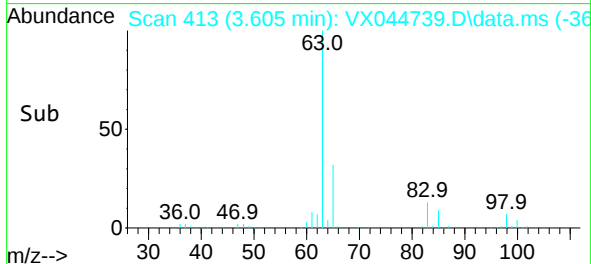
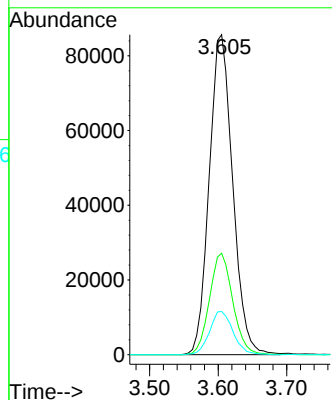
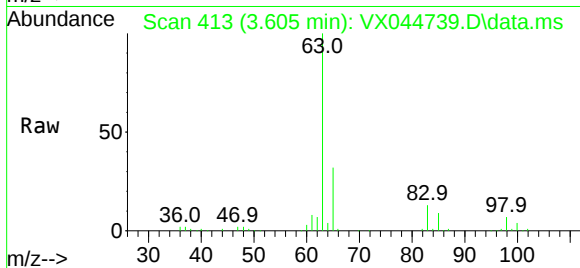
Tgt Ion: 63 Resp: 204241

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.6

83 13.5 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 57.333 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

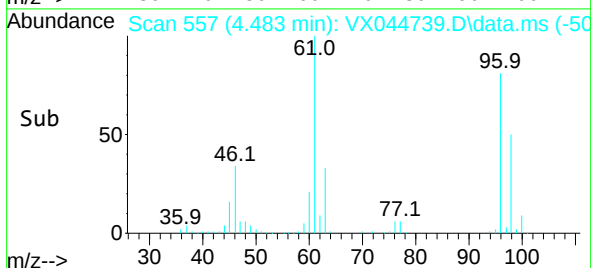
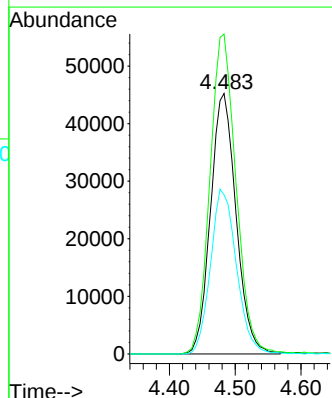
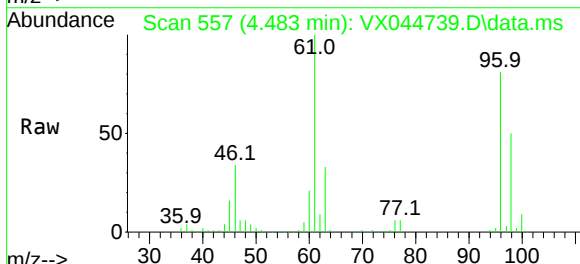
Tgt Ion: 96 Resp: 122492

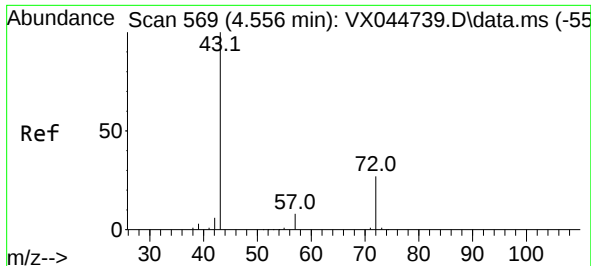
Ion Ratio Lower Upper

96 100

61 122.8 88.3 163.9

98 61.1 44.6 82.8

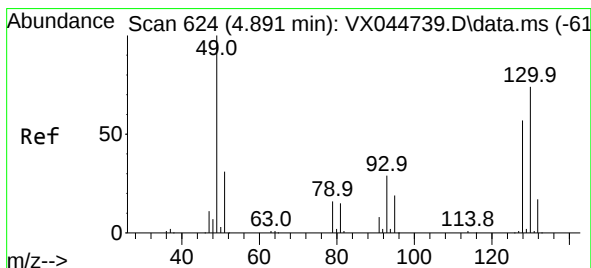
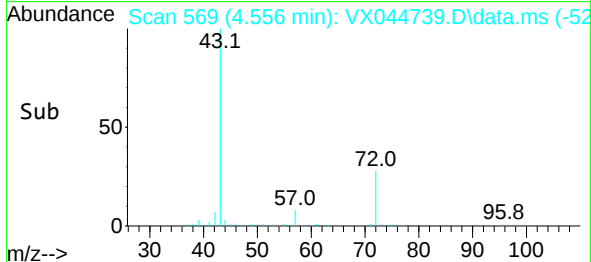
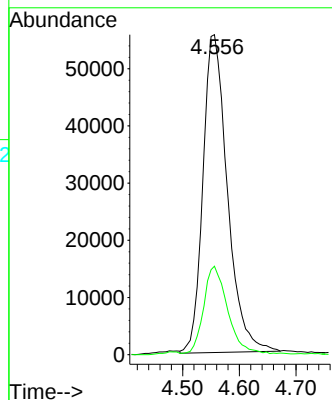
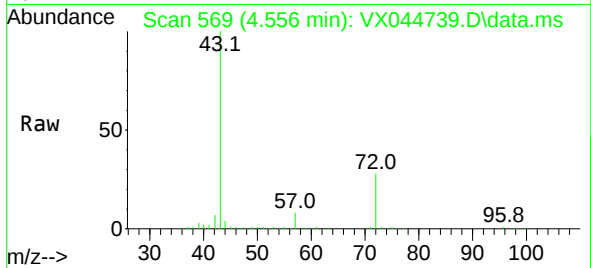




#22
2-Butanone
Concen: 126.534 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

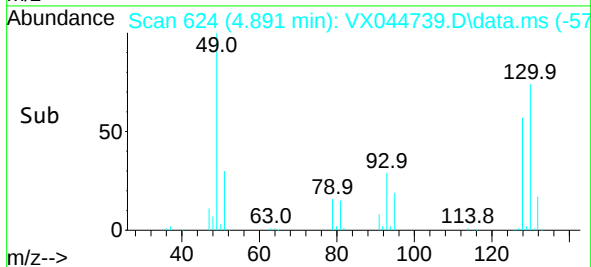
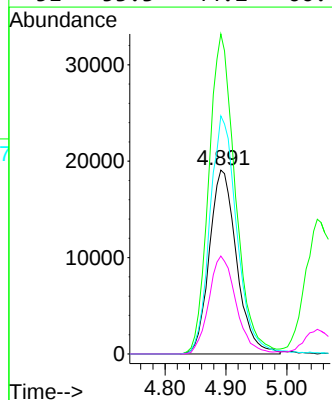
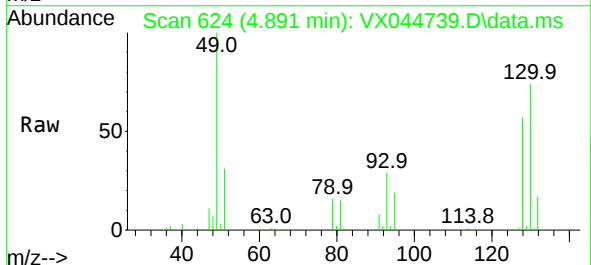
Instrument :
MSVOA_X
ClientSampleId :

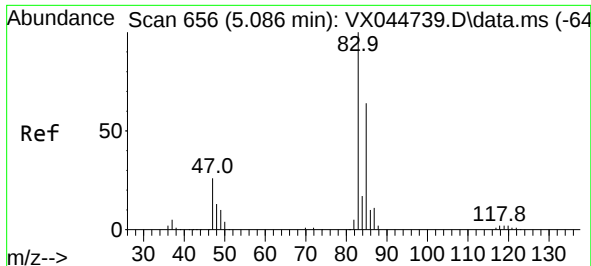
Tgt Ion: 43 Resp: 166591
Ion Ratio Lower Upper
43 100
72 27.6 13.4 40.2



#23
Bromochloromethane
Concen: 56.750 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion:128 Resp: 59182
Ion Ratio Lower Upper
128 100
49 174.0 117.6 218.4
130 129.4 92.0 170.9
51 53.3 44.2 66.4





#25

Chloroform

Concen: 55.751 ug/L

RT: 5.086 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

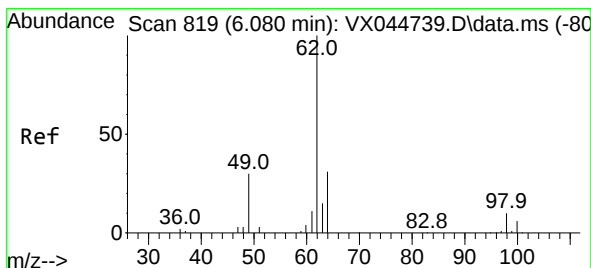
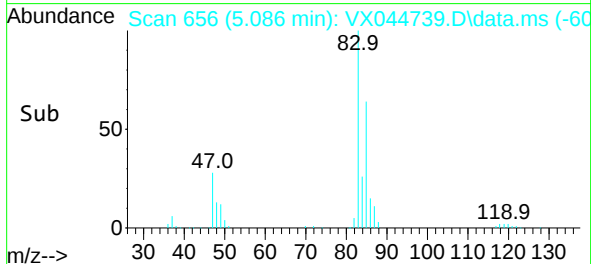
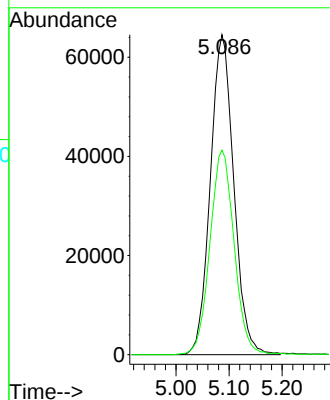
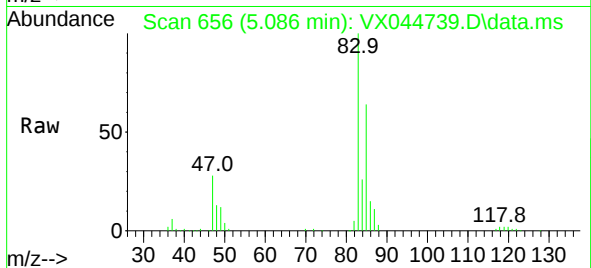
ClientSampleId :

Tgt Ion: 83 Resp: 198350

Ion Ratio Lower Upper

83 100

85 63.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 55.430 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044739.D

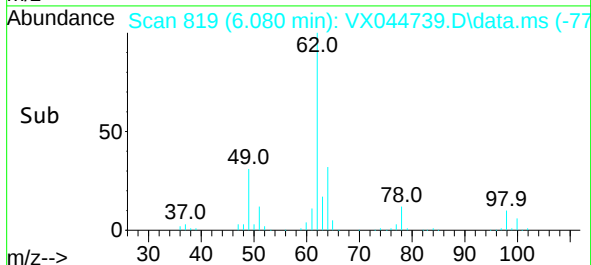
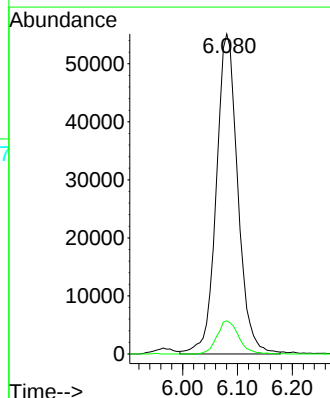
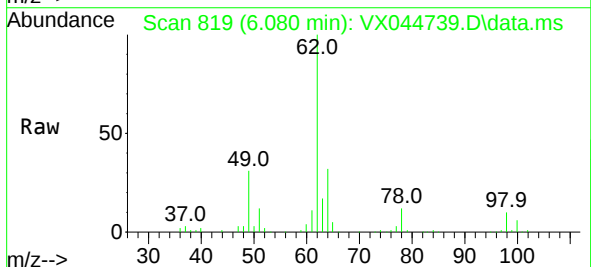
Acq: 28 Jan 2025 10:38

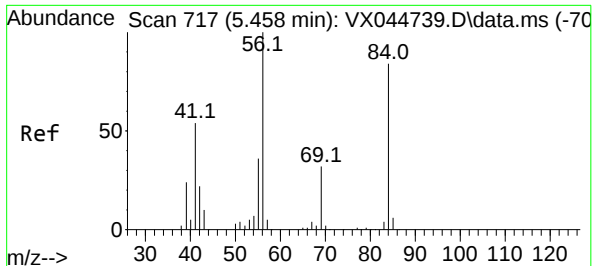
Tgt Ion: 62 Resp: 150461

Ion Ratio Lower Upper

62 100

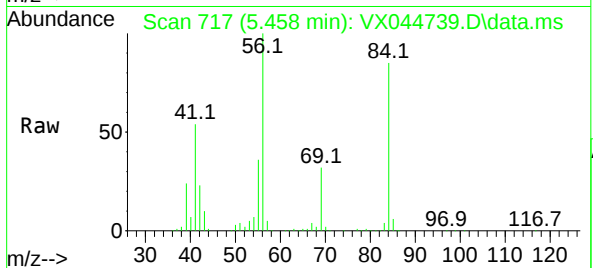
98 10.4 7.4 11.2



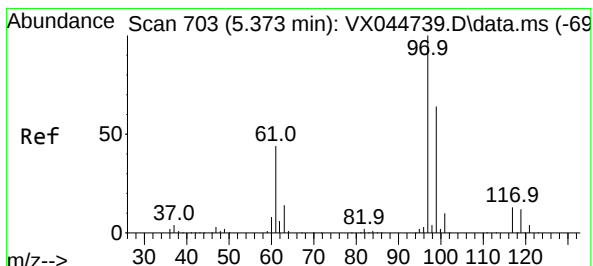
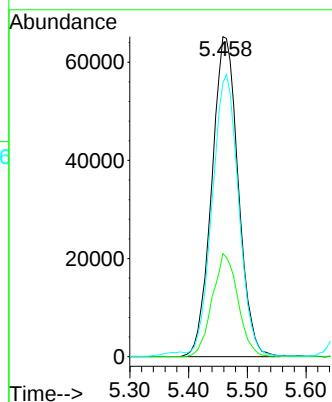
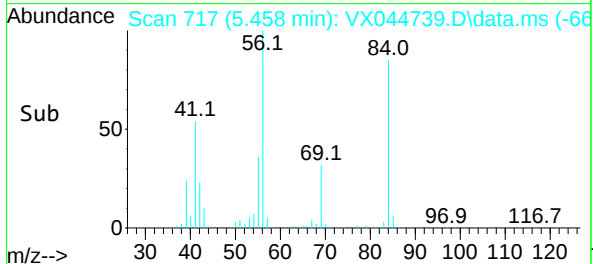


#29
Cyclohexane
Concen: 60.895 ug/L
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :

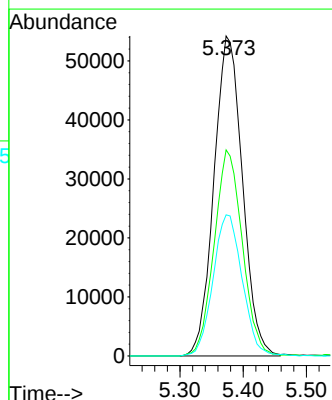
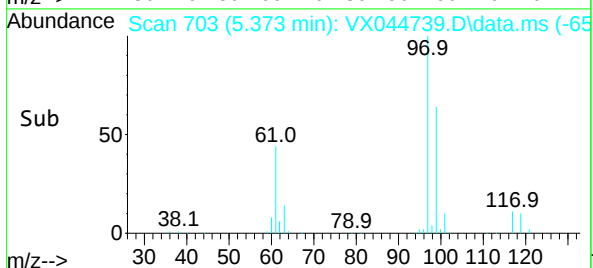
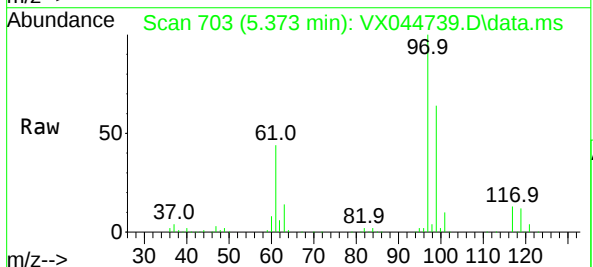


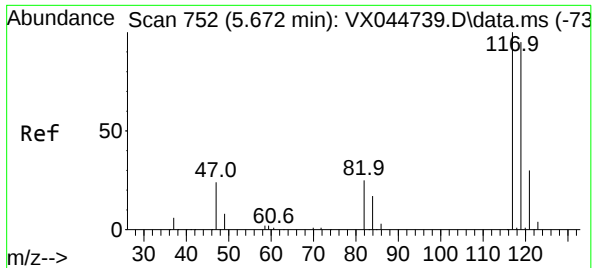
Tgt Ion: 56 Resp: 204368
Ion Ratio Lower Upper
56 100
69 31.2 25.4 38.2
84 87.3 71.6 107.4



#30
1,1,1-Trichloroethane
Concen: 54.923 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

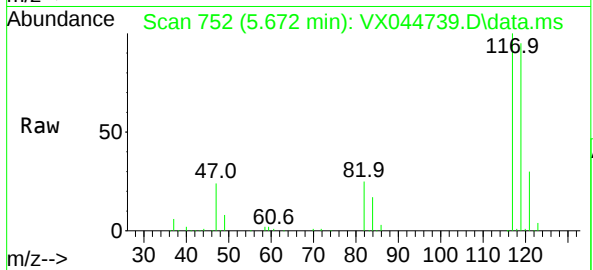
Tgt Ion: 97 Resp: 169414
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 45.0 35.8 53.6



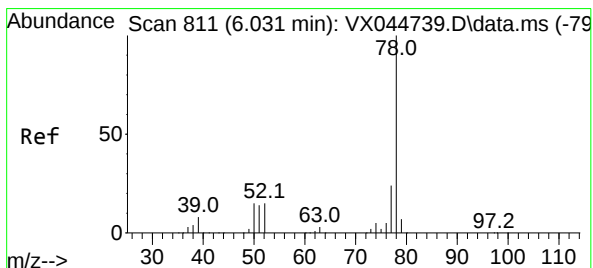
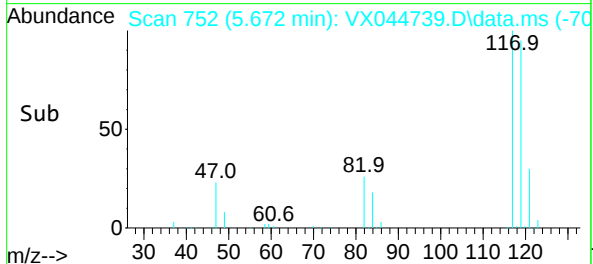
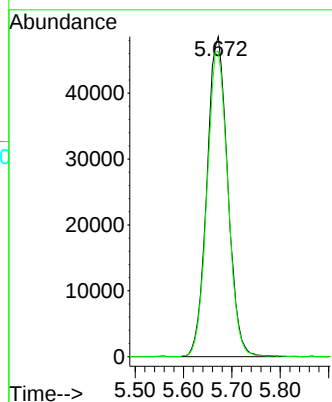


#31
Carbon tetrachloride
Concen: 54.852 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :

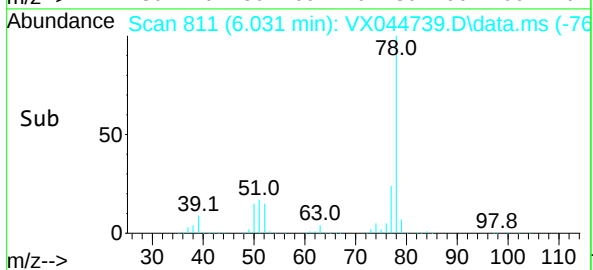
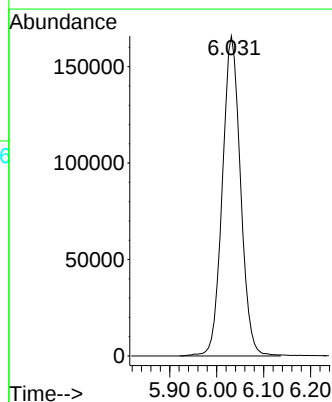
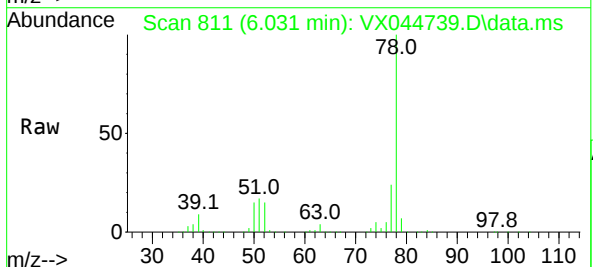


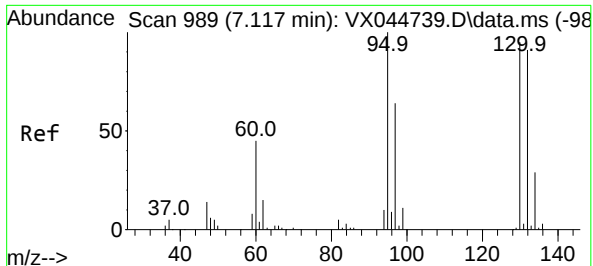
Tgt Ion:117 Resp: 145729
Ion Ratio Lower Upper
117 100
119 95.1 77.1 115.7



#33
Benzene
Concen: 57.836 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion: 78 Resp: 447100





#34

Trichloroethene

Concen: 56.235 ug/L

RT: 7.117 min Scan# 91

Delta R.T. 0.000 min

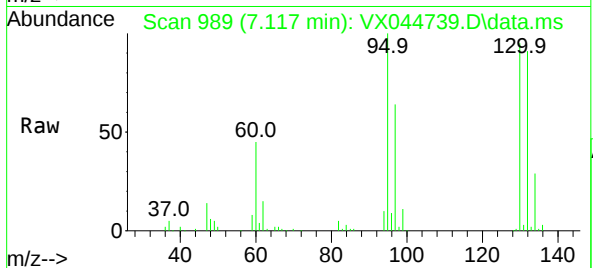
Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 112712

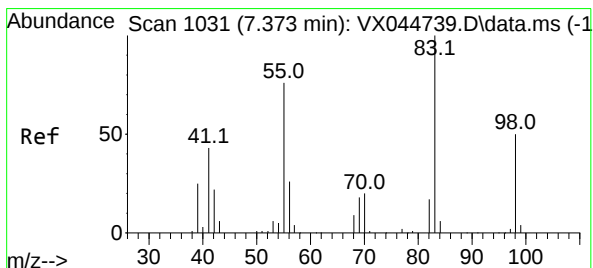
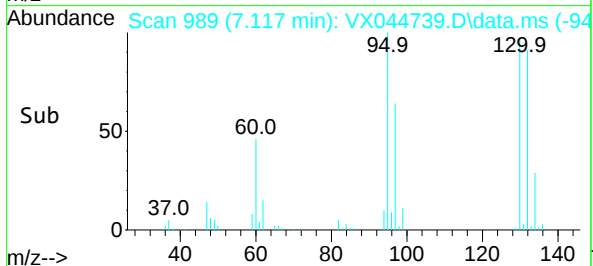
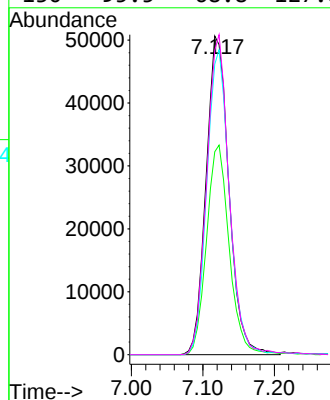
Ion Ratio Lower Upper

95 100

97 63.6 46.1 85.5

132 91.1 64.5 119.9

130 95.5 68.8 127.8



#35

Methylcyclohexane

Concen: 58.528 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

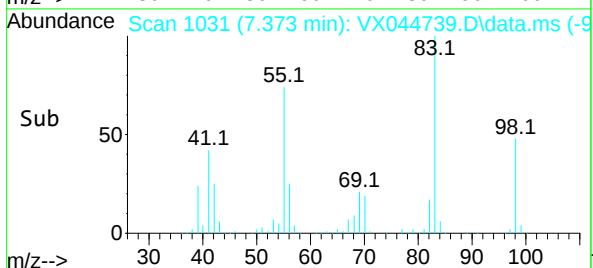
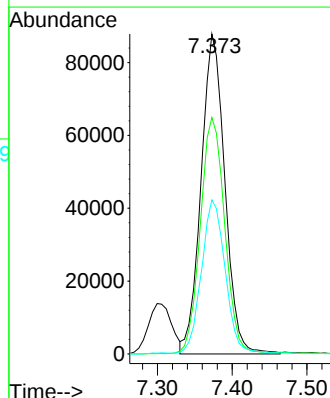
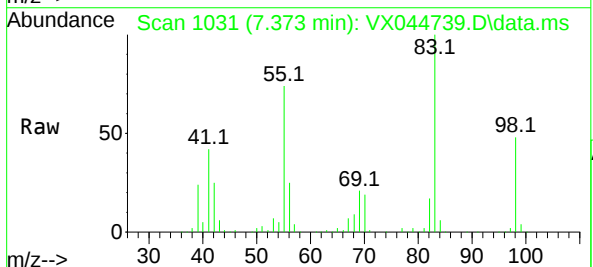
Tgt Ion: 83 Resp: 194186

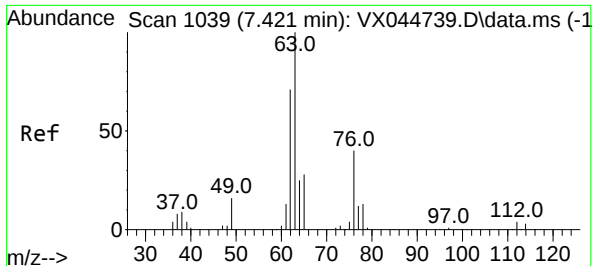
Ion Ratio Lower Upper

83 100

55 75.5 60.6 90.8

98 47.7 38.9 58.3





#37

1,2-Dichloropropane

Concen: 57.260 ug/L

RT: 7.421 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

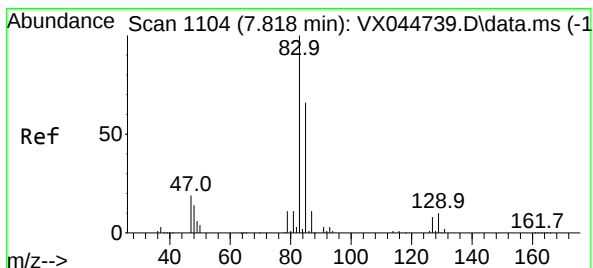
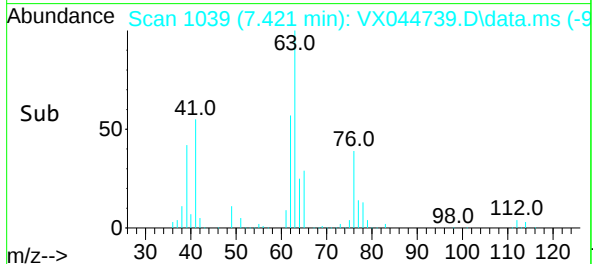
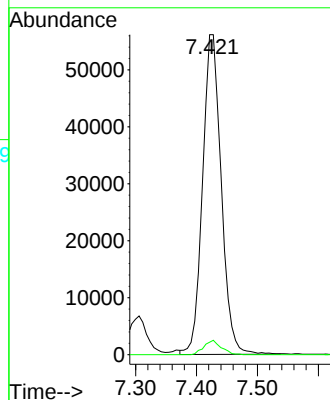
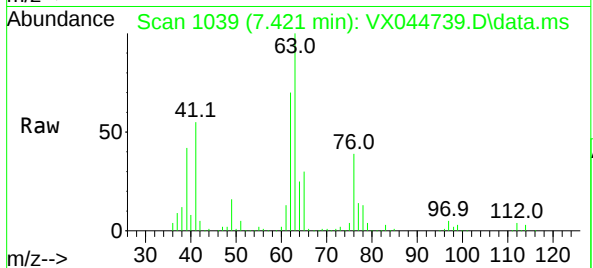
ClientSampleId :

Tgt Ion: 63 Resp: 119787

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 54.543 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

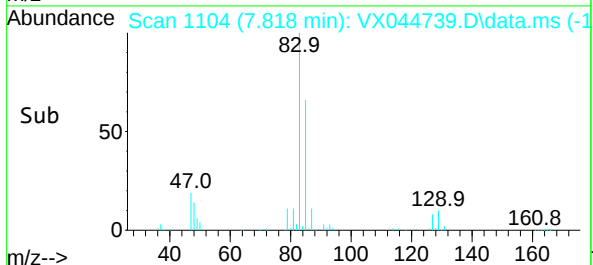
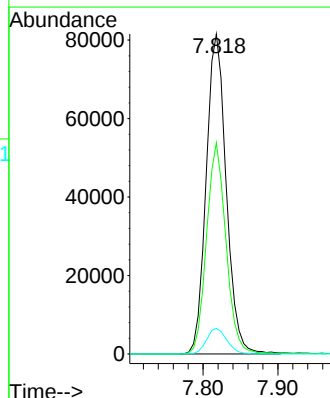
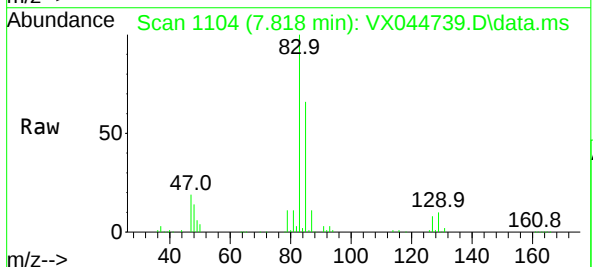
Tgt Ion: 83 Resp: 152176

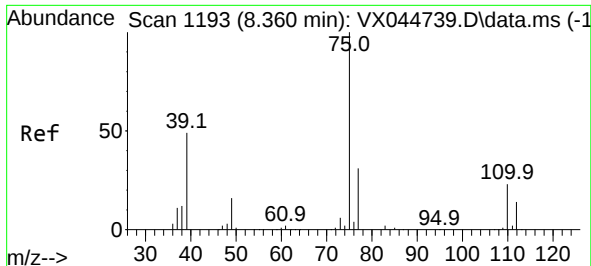
Ion Ratio Lower Upper

83 100

85 66.0 43.8 81.3

127 8.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 55.325 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

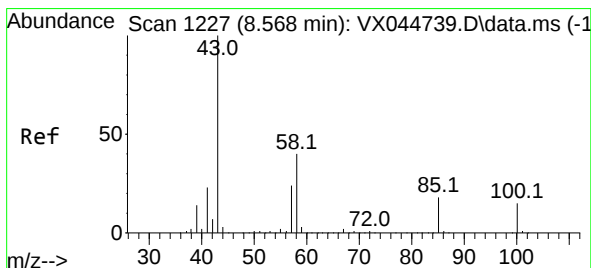
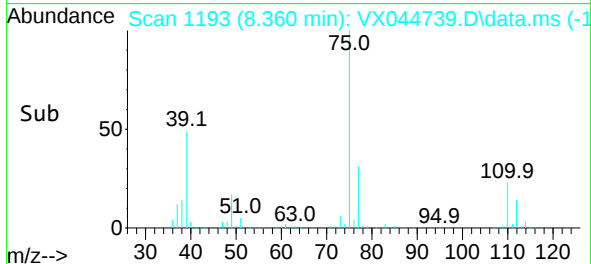
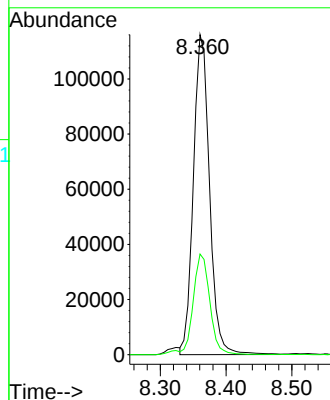
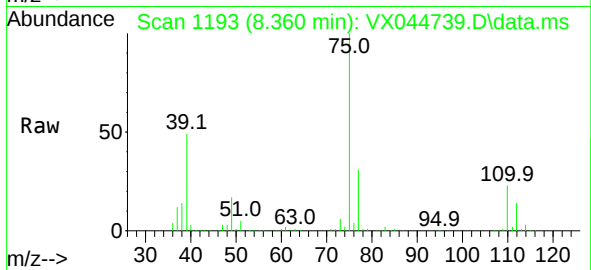
ClientSampleId :

Tgt Ion: 75 Resp: 197093

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 130.713 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

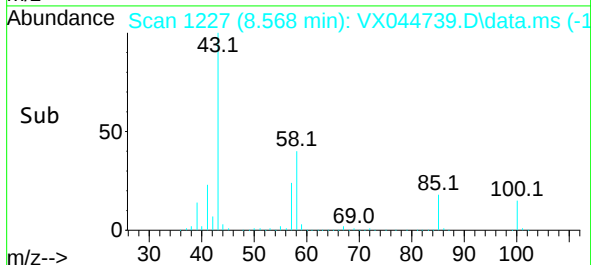
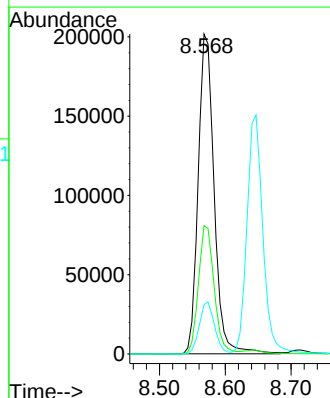
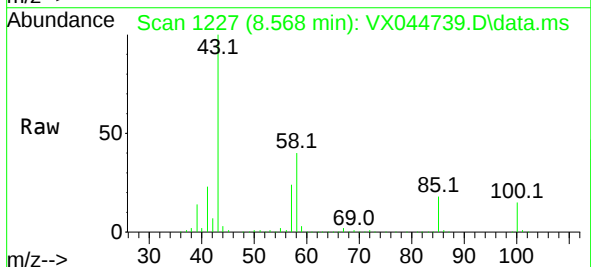
Tgt Ion: 43 Resp: 340444

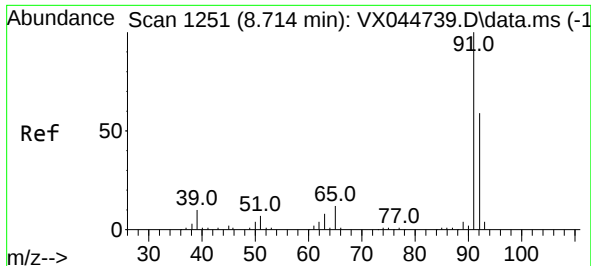
Ion Ratio Lower Upper

43 100

58 39.3 32.1 48.1

100 15.6 12.9 19.3





#42

Toluene

Concen: 57.730 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

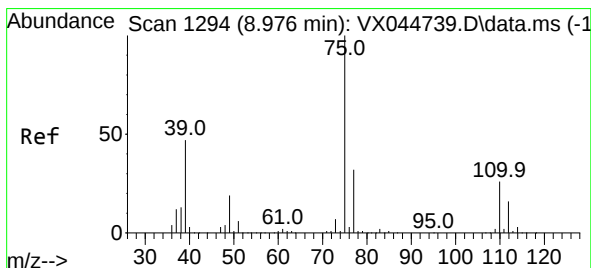
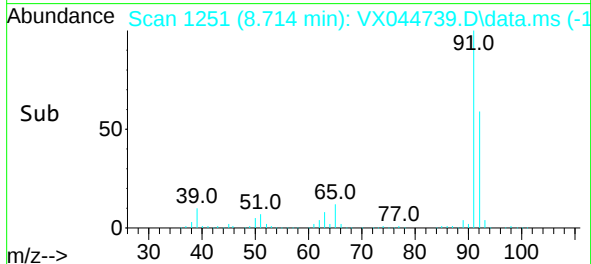
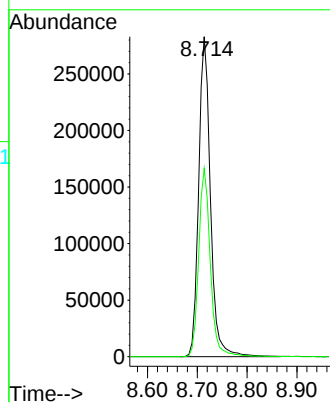
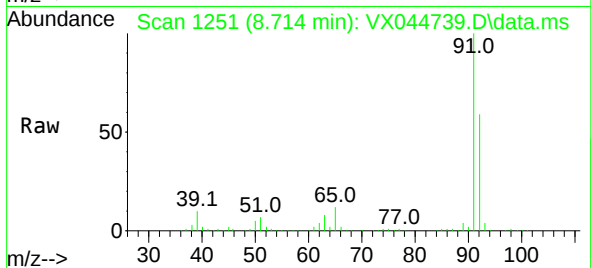
ClientSampleId :

Tgt Ion: 91 Resp: 463155

Ion Ratio Lower Upper

91 100

92 58.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 55.570 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044739.D

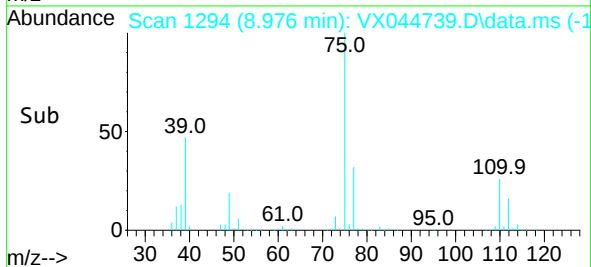
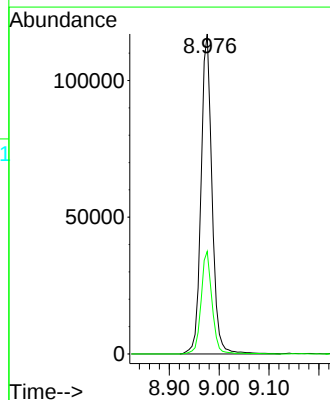
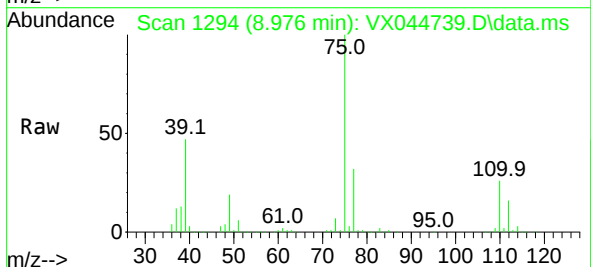
Acq: 28 Jan 2025 10:38

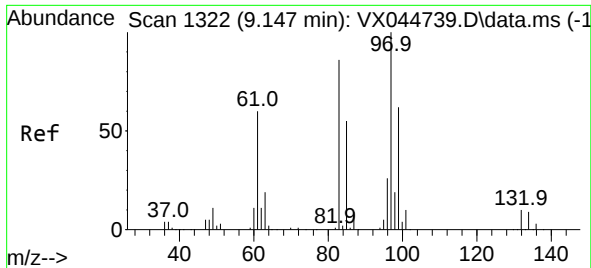
Tgt Ion: 75 Resp: 179089

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 56.047 ug/L

RT: 9.147 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 113927

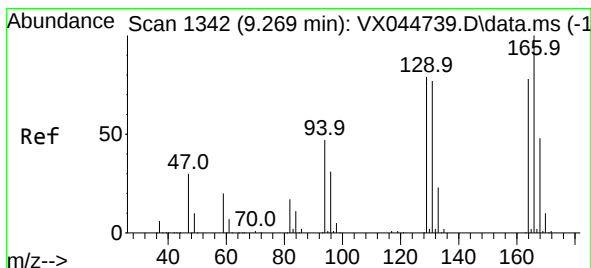
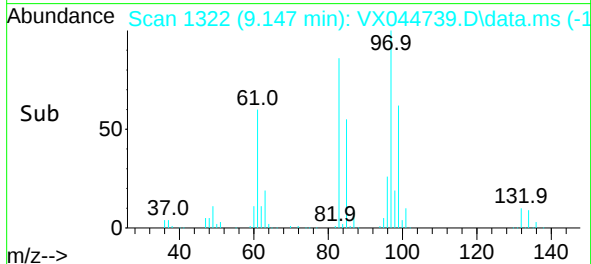
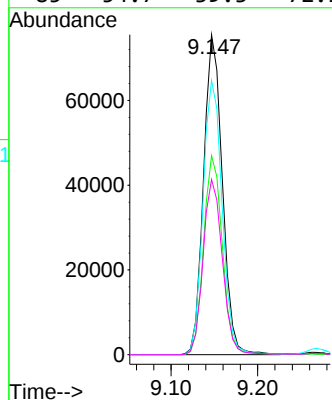
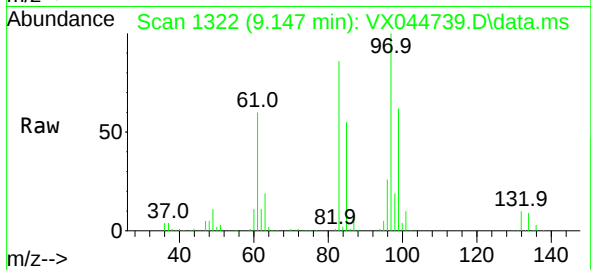
Ion Ratio Lower Upper

97 100

99 62.2 44.8 83.2

83 85.7 60.8 113.0

85 54.7 39.3 72.9



#46

Tetrachloroethene

Concen: 57.457 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Tgt Ion:164 Resp: 79065

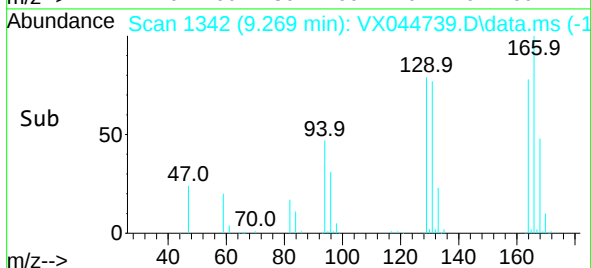
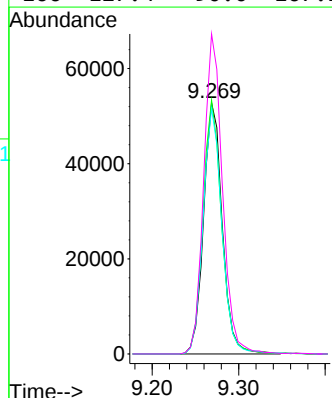
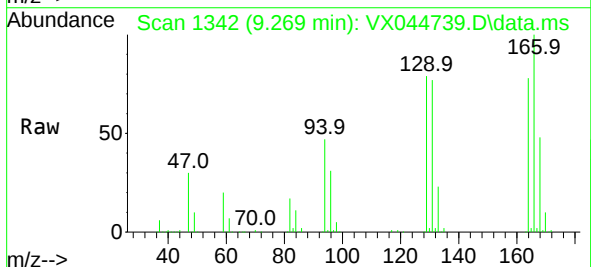
Ion Ratio Lower Upper

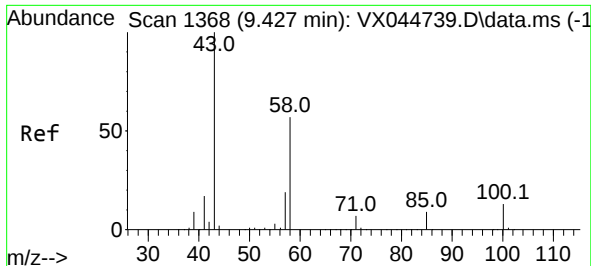
164 100

129 101.1 71.2 132.2

131 97.8 67.2 124.8

166 127.4 90.0 167.2



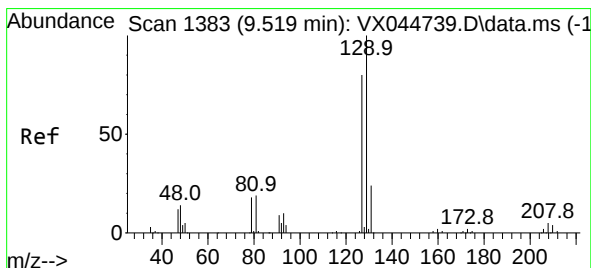
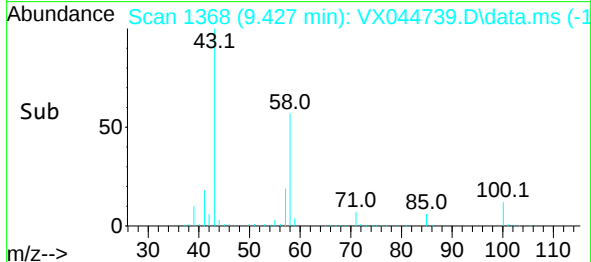
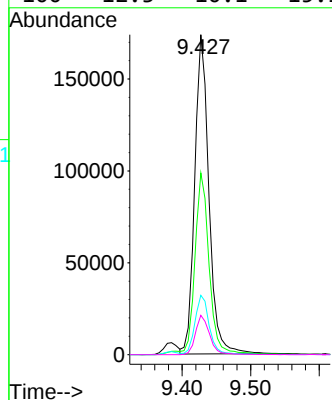
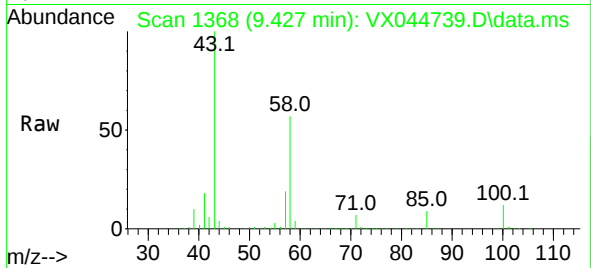


#48
2-Hexanone
Concen: 129.954 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 250256

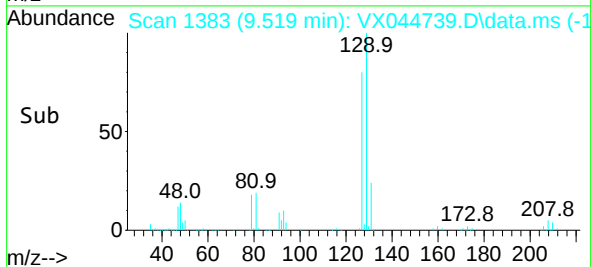
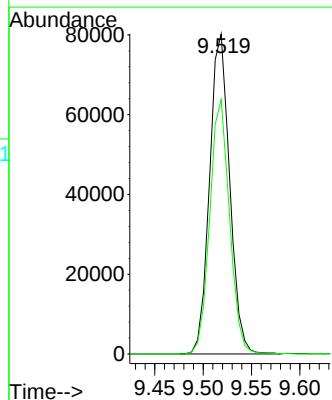
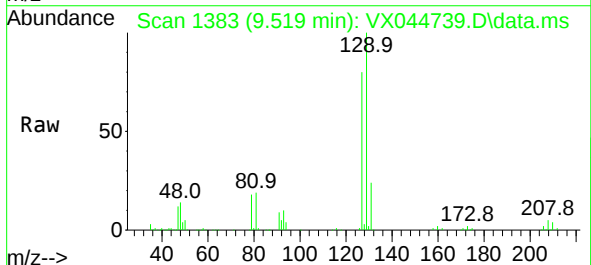
Ion	Ratio	Lower	Upper
43	100		
58	56.4	44.3	66.5
57	19.0	15.9	23.9
100	12.3	10.1	15.1

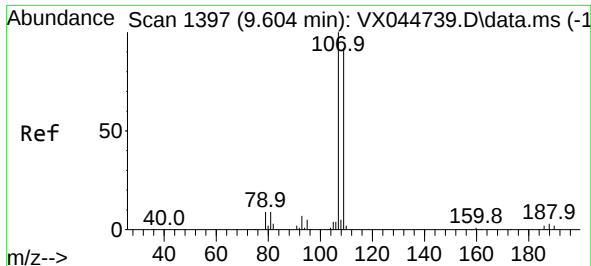


#49
Dibromochloromethane
Concen: 55.195 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion: 129 Resp: 115676

Ion	Ratio	Lower	Upper
129	100		
127	79.5	53.6	99.6





#50

1,2-Dibromoethane

Concen: 57.584 ug/L

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

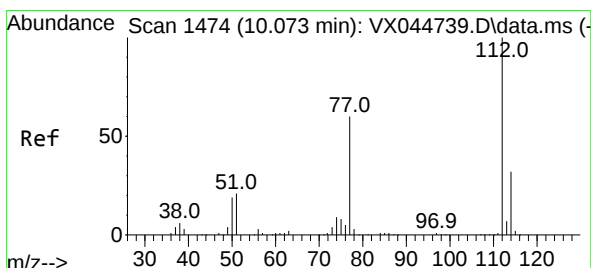
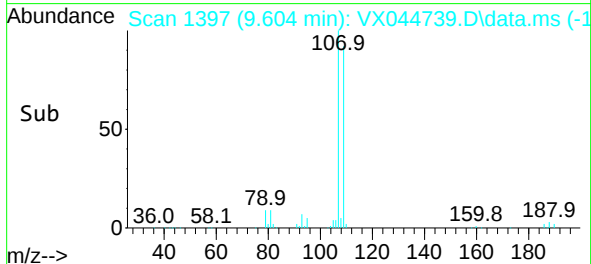
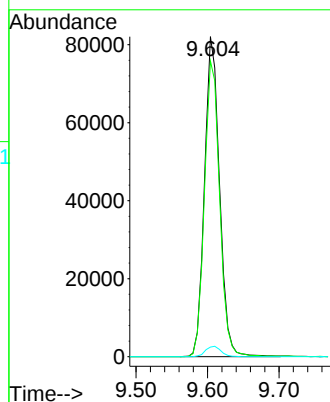
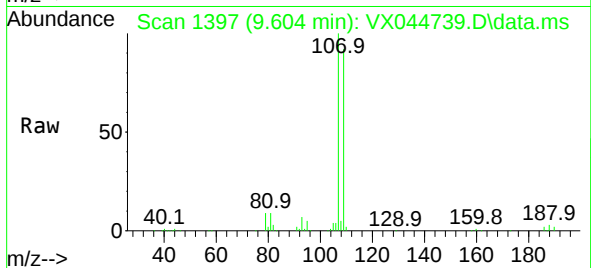
Tgt Ion:107 Resp: 119815

Ion Ratio Lower Upper

107 100

109 92.4 67.2 124.8

188 3.0 2.2 3.4



#51

Chlorobenzene

Concen: 58.061 ug/L

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

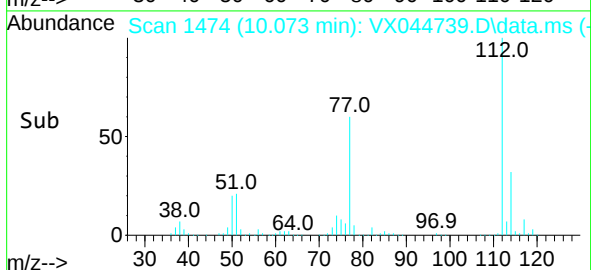
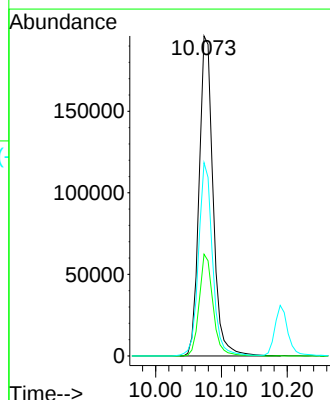
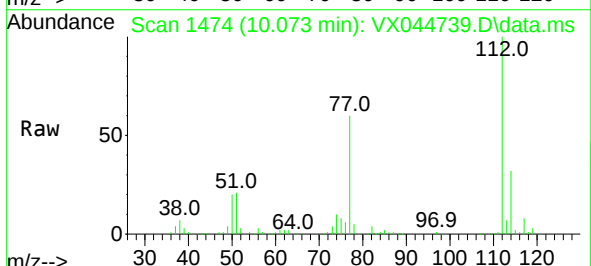
Tgt Ion:112 Resp: 289777

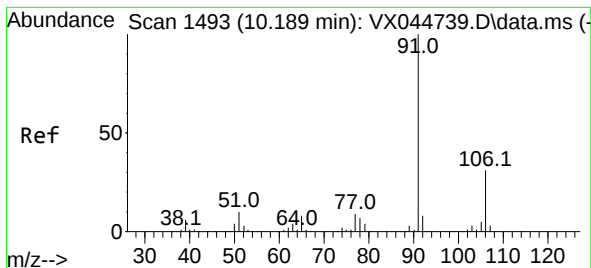
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 60.4 49.2 73.8

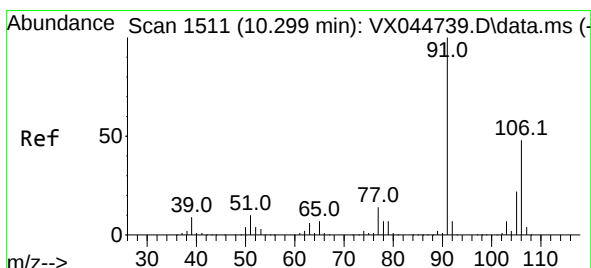
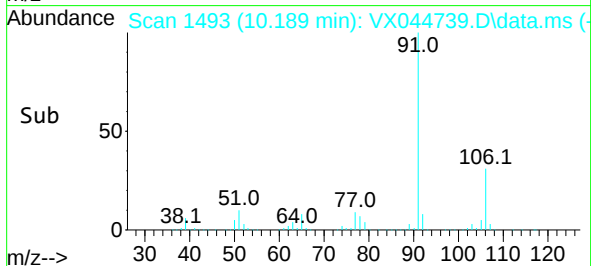
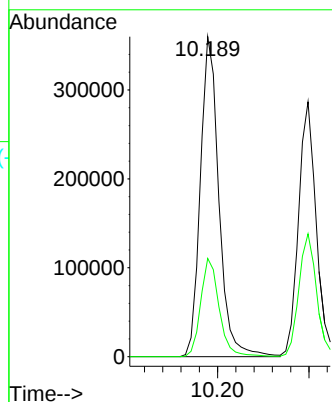
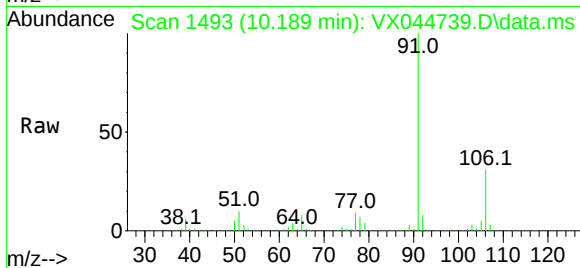




#52
Ethylbenzene
Concen: 58.271 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

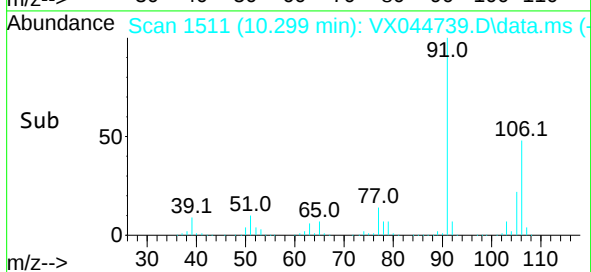
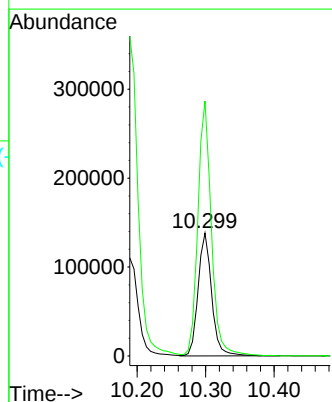
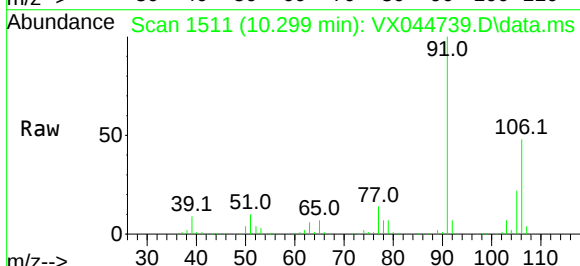
Instrument :
MSVOA_X
ClientSampleId :

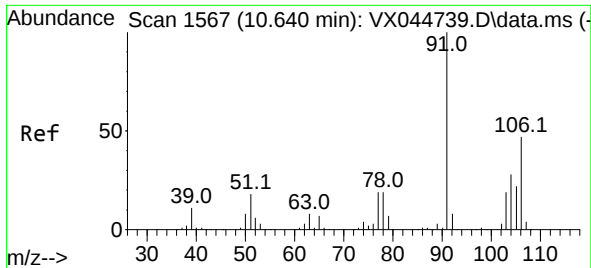
Tgt Ion: 91 Resp: 506484
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.3



#53
m,p-Xylene
Concen: 58.559 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion: 106 Resp: 190502
Ion Ratio Lower Upper
106 100
91 207.4 145.2 269.6

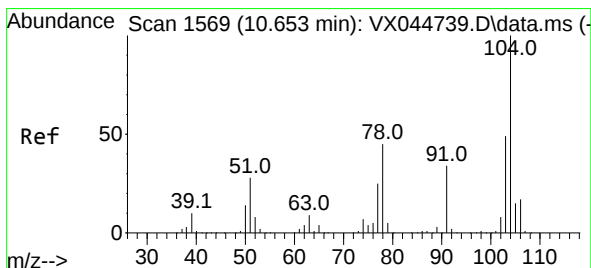
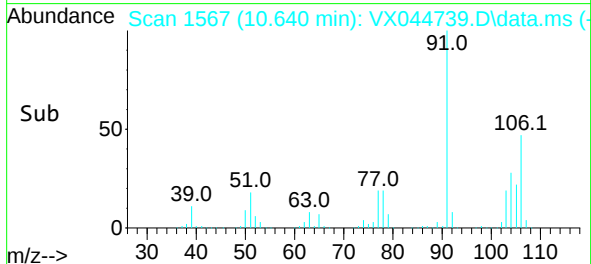
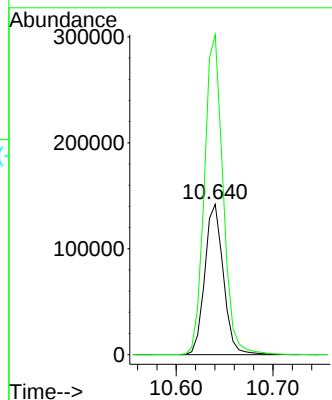
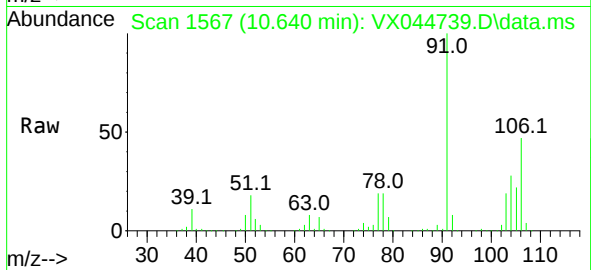




#54
o-Xylene
Concen: 58.595 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

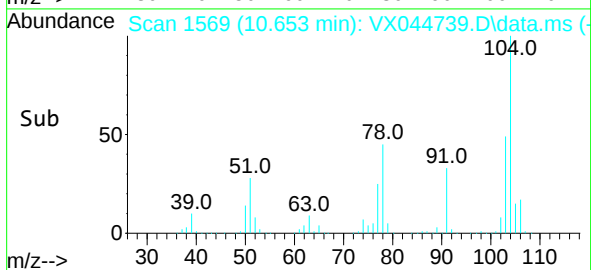
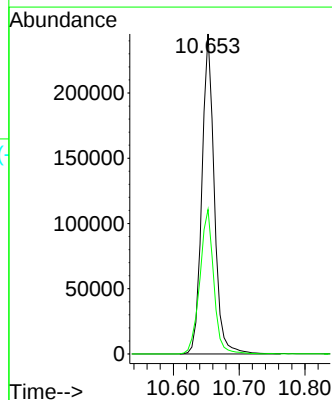
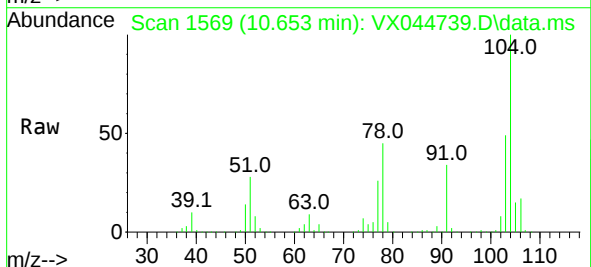
Instrument :
MSVOA_X
ClientSampleId :

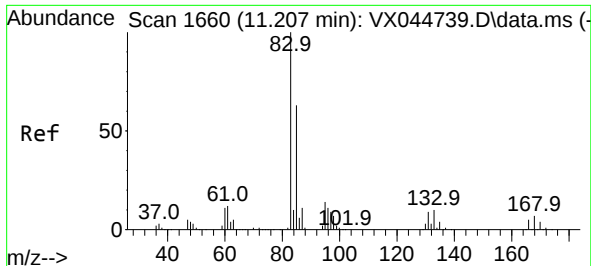
Tgt Ion:106 Resp: 190239
Ion Ratio Lower Upper
106 100
91 212.7 153.2 284.4



#55
Styrene
Concen: 60.674 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion:104 Resp: 320906
Ion Ratio Lower Upper
104 100
78 45.2 32.7 60.7

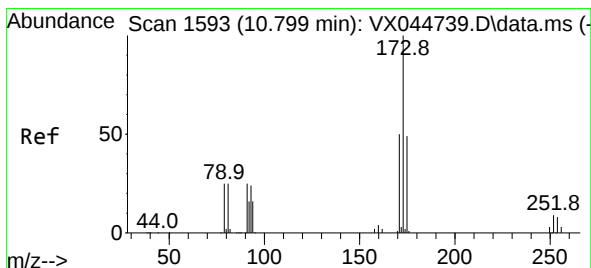
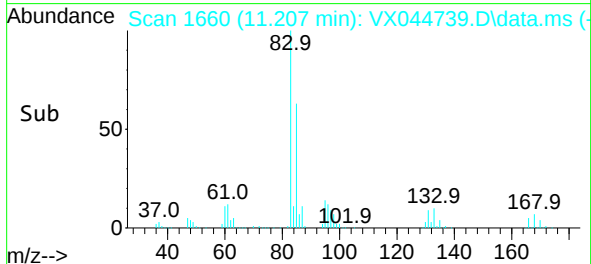
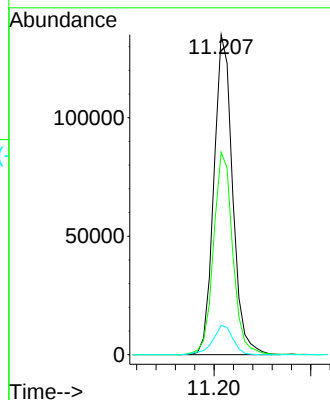
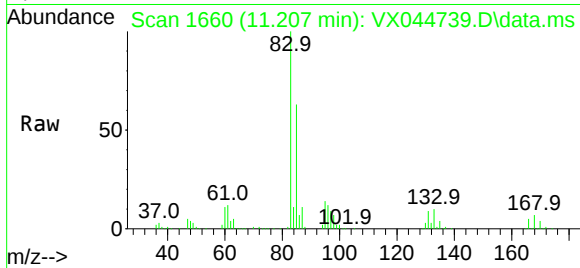




#57
1,1,2-Tetrachloroethane
Concen: 59.826 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

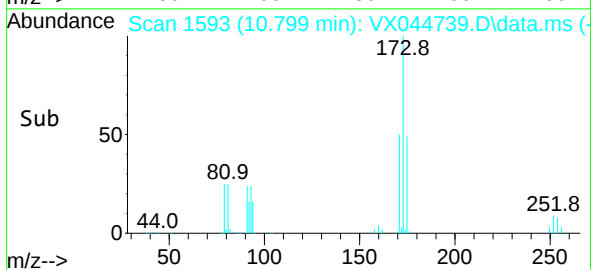
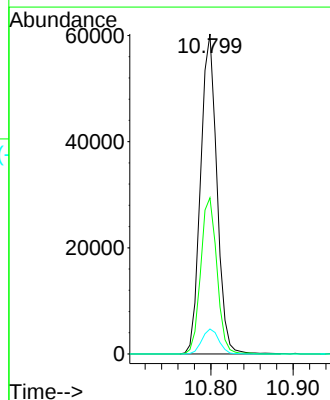
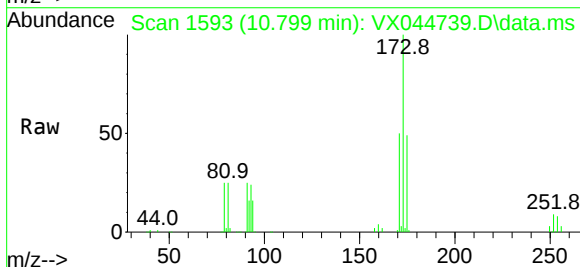
Instrument :
MSVOA_X
ClientSampleId :

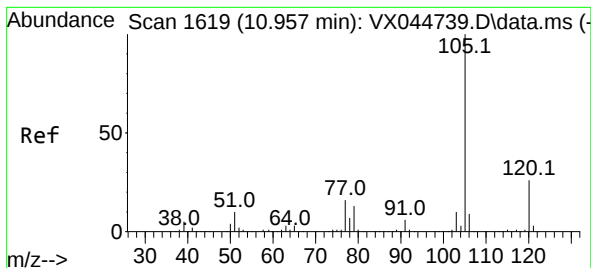
Tgt Ion: 83 Resp: 180555
Ion Ratio Lower Upper
83 100
85 63.3 44.9 83.5
131 9.2 8.0 12.0



#59
Bromoform
Concen: 53.781 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion:173 Resp: 82983
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 8.1 6.6 10.0





#60

Isopropylbenzene

Concen: 55.923 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

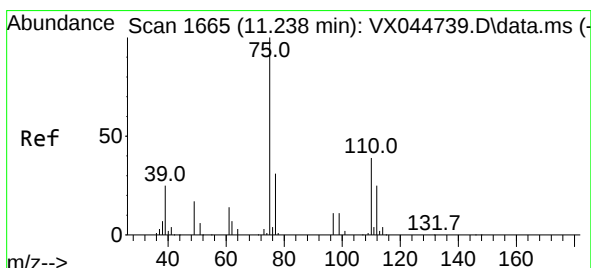
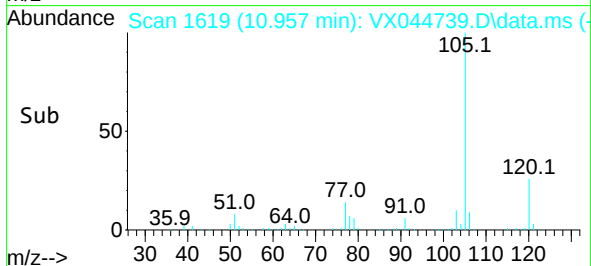
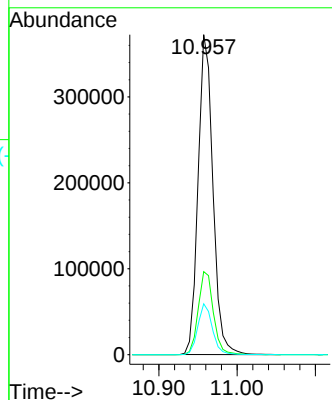
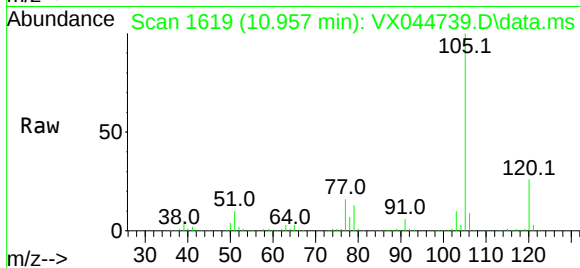
Tgt Ion:105 Resp: 490341

Ion Ratio Lower Upper

105 100

120 26.5 20.9 31.3

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 55.969 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

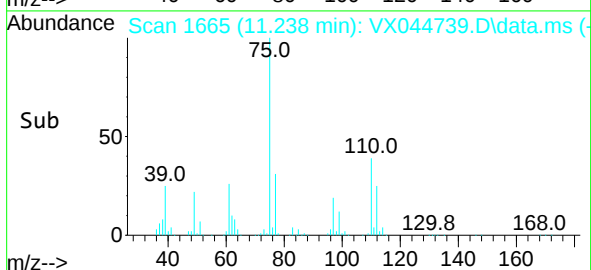
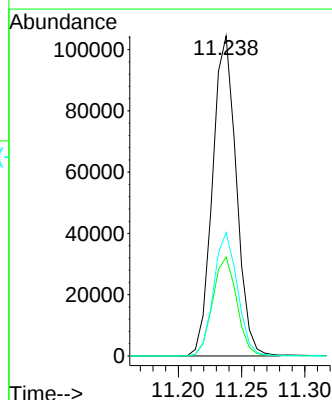
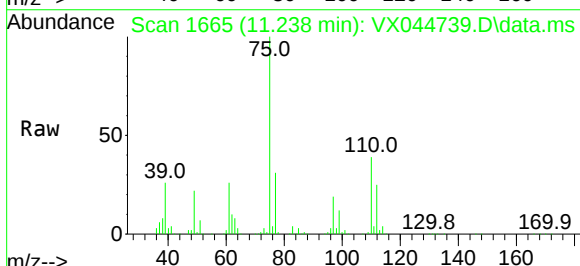
Tgt Ion: 75 Resp: 136667

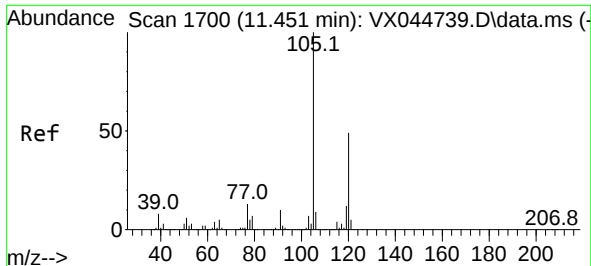
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

110 38.5 30.8 46.2

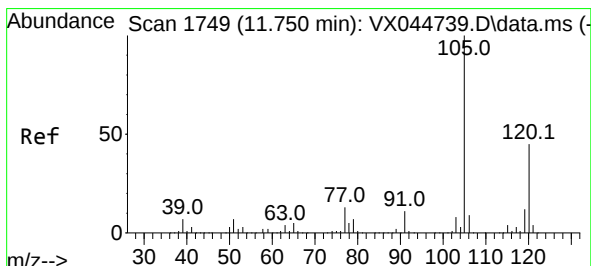
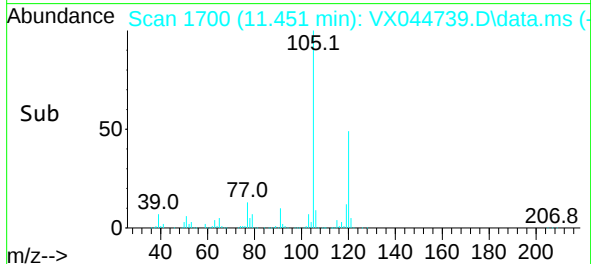
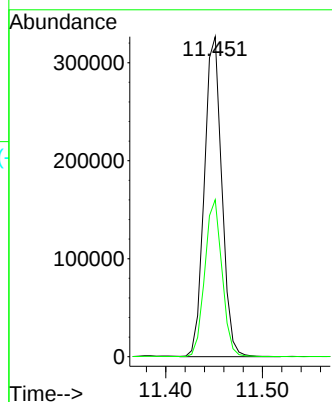
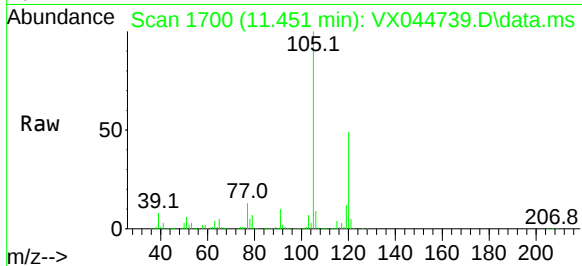




#62
1,3,5-Trimethylbenzene
Concen: 56.238 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

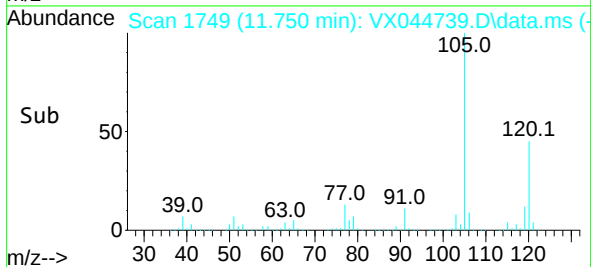
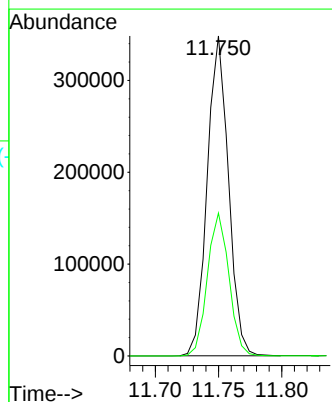
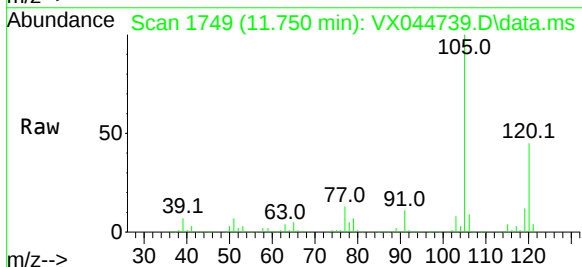
Instrument :
MSVOA_X
ClientSampleId :

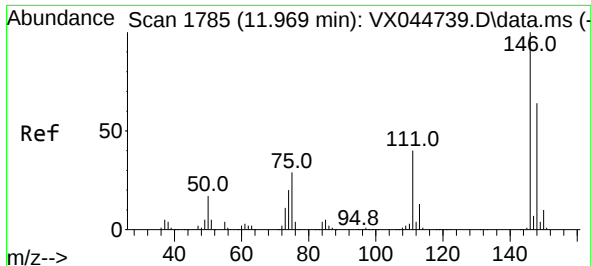
Tgt Ion:105 Resp: 410547
Ion Ratio Lower Upper
105 100
120 48.4 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 57.059 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

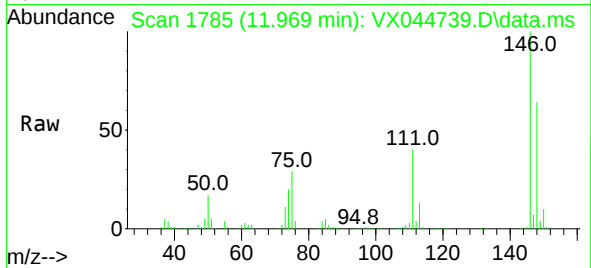
Tgt Ion:105 Resp: 406277
Ion Ratio Lower Upper
105 100
120 45.3 35.7 53.5



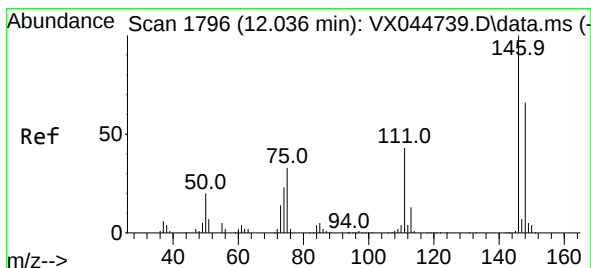
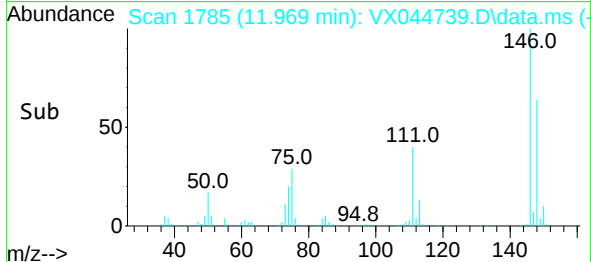
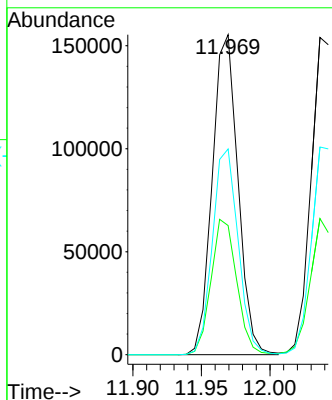


#64
1,3-Dichlorobenzene
Concen: 57.126 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :

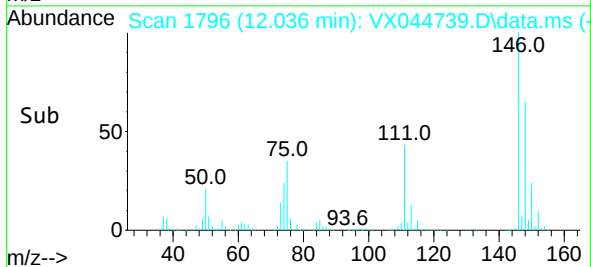
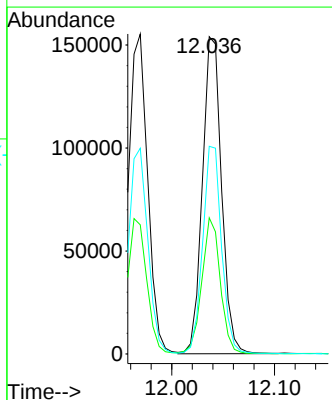
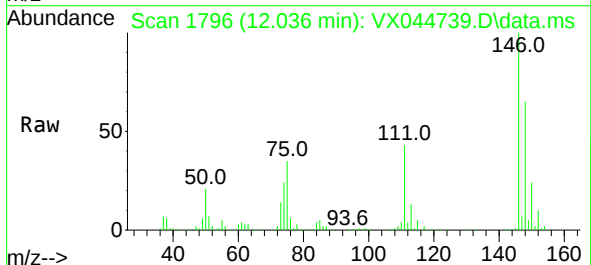


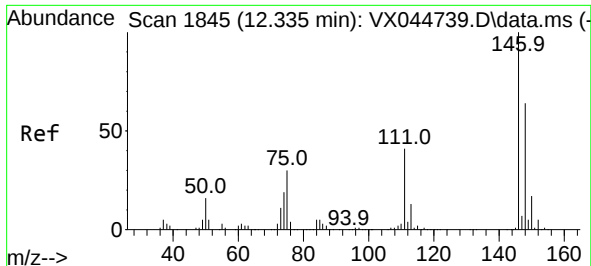
Tgt Ion:146 Resp: 202554
Ion Ratio Lower Upper
146 100
111 40.3 29.5 54.9
148 64.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 56.113 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044739.D
Acq: 28 Jan 2025 10:38

Tgt Ion:146 Resp: 199406
Ion Ratio Lower Upper
146 100
111 42.9 29.7 55.1
148 65.5 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 56.897 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

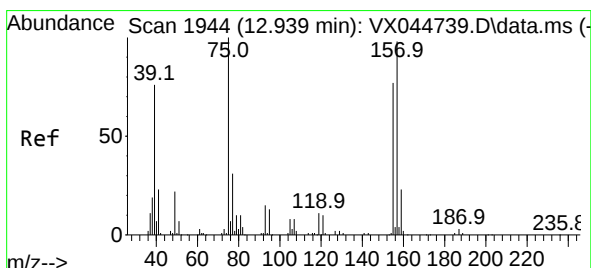
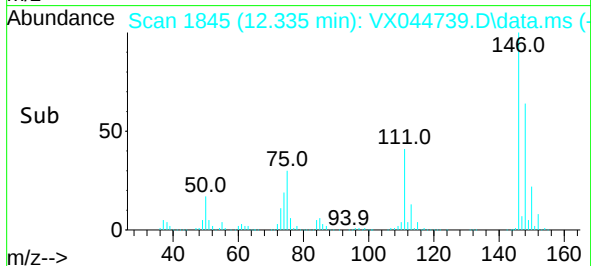
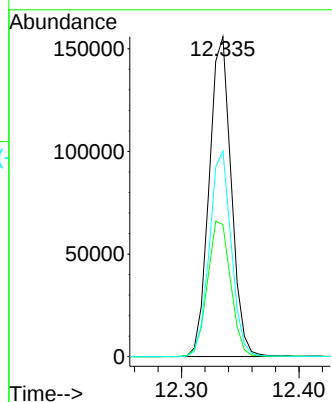
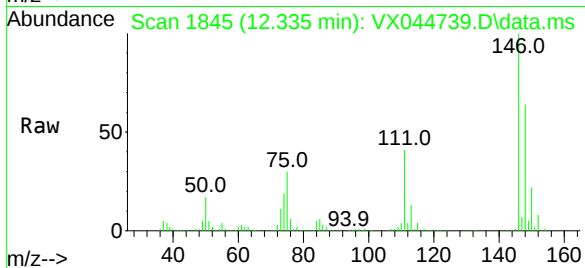
Tgt Ion:146 Resp: 202471

Ion Ratio Lower Upper

146 100

111 41.3 36.1 54.1

148 64.2 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 52.860 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

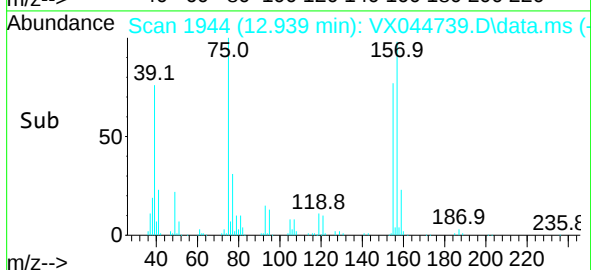
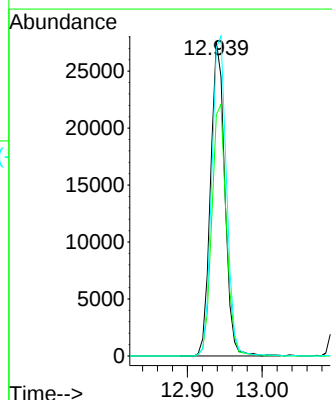
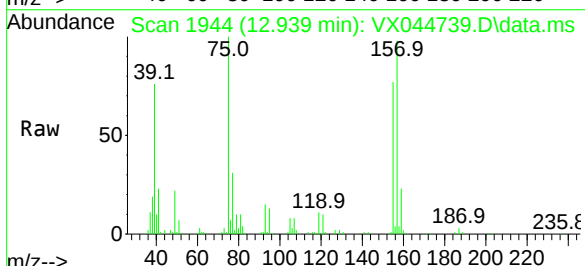
Tgt Ion: 75 Resp: 36593

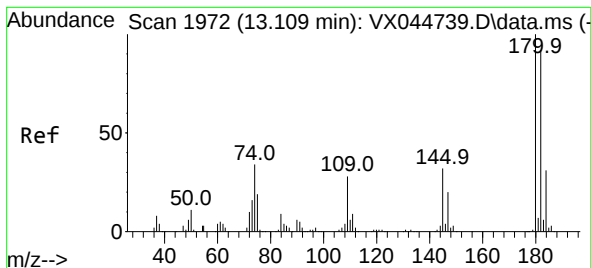
Ion Ratio Lower Upper

75 100

155 76.7 62.5 93.7

157 98.1 83.5 125.3





#69

1,3,5-Trichlorobenzene

Concen: 57.169 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

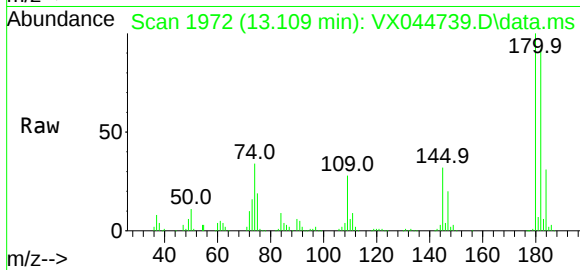
Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 132592

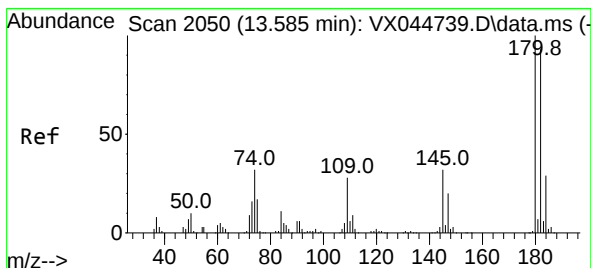
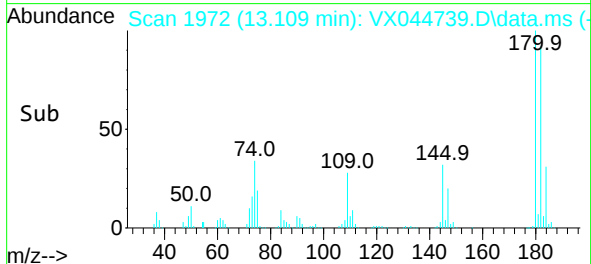
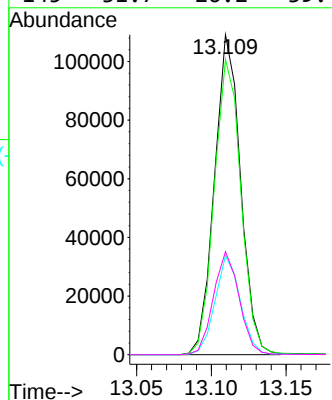
Ion Ratio Lower Upper

180 100

182 94.5 77.0 115.6

184 29.9 24.0 36.0

145 31.7 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 57.845 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

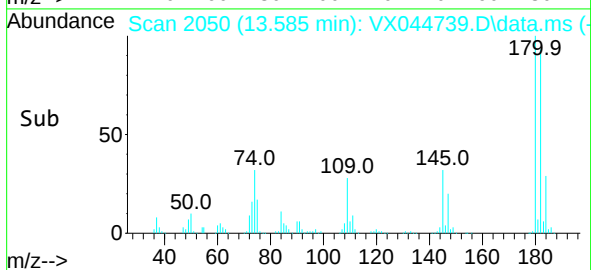
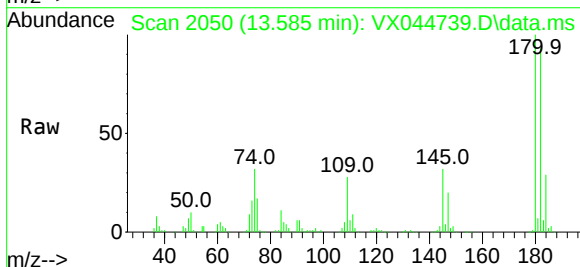
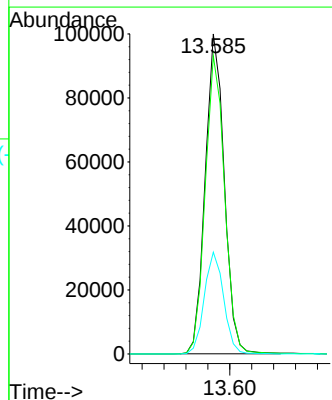
Tgt Ion:180 Resp: 120640

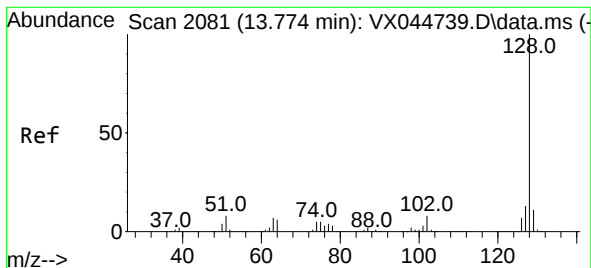
Ion Ratio Lower Upper

180 100

182 94.8 76.5 114.7

145 32.3 27.0 40.4





#71

Naphthalene

Concen: 58.583 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

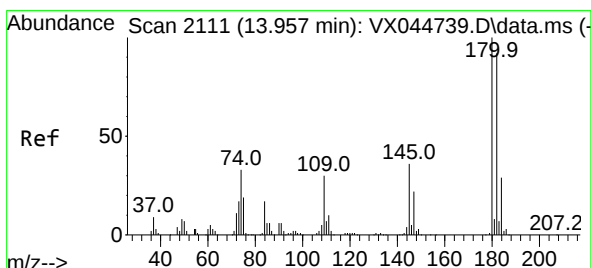
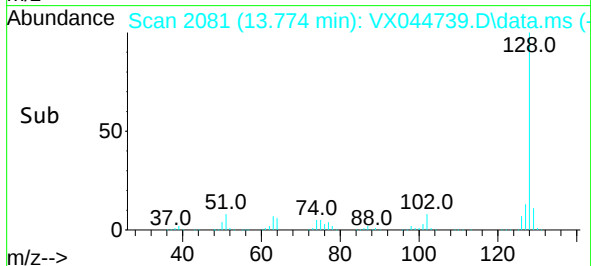
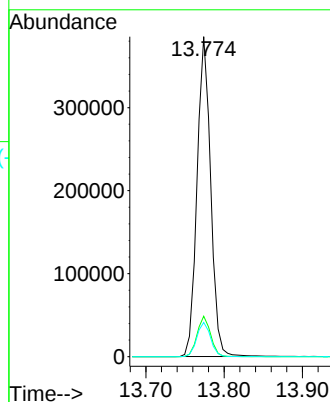
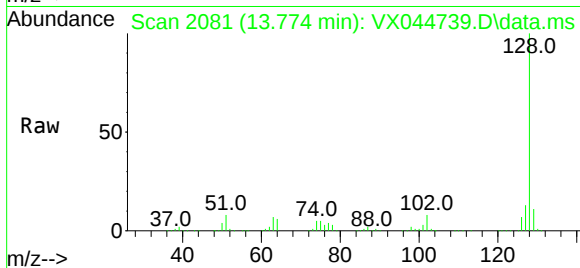
Tgt Ion:128 Resp: 466326

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 57.285 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044739.D

Acq: 28 Jan 2025 10:38

Tgt Ion:180 Resp: 122429

Ion Ratio Lower Upper

180 100

182 92.8 77.1 115.7

145 34.7 28.3 42.5

