

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020425\
 Data File : VX044831.D
 Acq On : 04 Feb 2025 13:52
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 05 08:33:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 03 07:31:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	234716	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	204291	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	89089	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	81288	46.009	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.020%
7) Chloroethane-d5	1.642	69	24792	36.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.880%
11) 1,1-Dichloroethene-d2	2.294	65	36588	48.447	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.900%
21) 2-Butanone-d5	4.458	46	94139	124.635	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.640%
24) Chloroform-d	5.050	84	160220	51.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.220%
26) 1,2-Dichloroethane-d4	5.946	65	96697	51.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.780%
32) Benzene-d6	5.964	84	319122	49.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.920%
36) 1,2-Dichloropropane-d6	7.299	67	102189	50.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.080%
41) Toluene-d8	8.646	98	282230	49.921	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.840%
43) trans-1,3-Dichloroprop...	8.945	79	47398	49.422	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.840%
47) 2-Hexanone-d5	9.384	63	62271	104.066	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.070%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137998	54.925	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.860%
66) 1,2-Dichlorobenzene-d4	12.317	152	91707	52.609	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96122	57.262	ug/L	100
3) Chloromethane	1.306	50	105452	50.950	ug/L	99
5) Vinyl chloride	1.373	62	106121	55.831	ug/L	99
6) Bromomethane	1.593	94	30517	59.319	ug/L	97
8) Chloroethane	1.666	64	38394	50.590	ug/L	96
9) Trichlorofluoromethane	1.867	101	135721	64.043	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	88683	56.885	ug/L	98
12) 1,1-Dichloroethene	2.306	96	80990	55.673	ug/L	94
13) Acetone	2.385	43	85756	113.857	ug/L	100
14) Carbon disulfide	2.501	76	224505	50.396	ug/L	100
15) Methyl Acetate	2.702	43	103708	59.502	ug/L	99
16) Methylene chloride	2.782	84	93355	56.107	ug/L	99
17) trans-1,2-Dichloroethene	3.080	96	84295	55.392	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	298582	56.909	ug/L	98
19) 1,1-Dichloroethane	3.599	63	168247	56.544	ug/L	99
20) cis-1,2-Dichloroethene	4.476	96	99138	54.423	ug/L	99
22) 2-Butanone	4.556	43	144283	116.172	ug/L	98
23) Bromochloromethane	4.891	128	47016	52.333	ug/L	93
25) Chloroform	5.086	83	164827	54.597	ug/L	99

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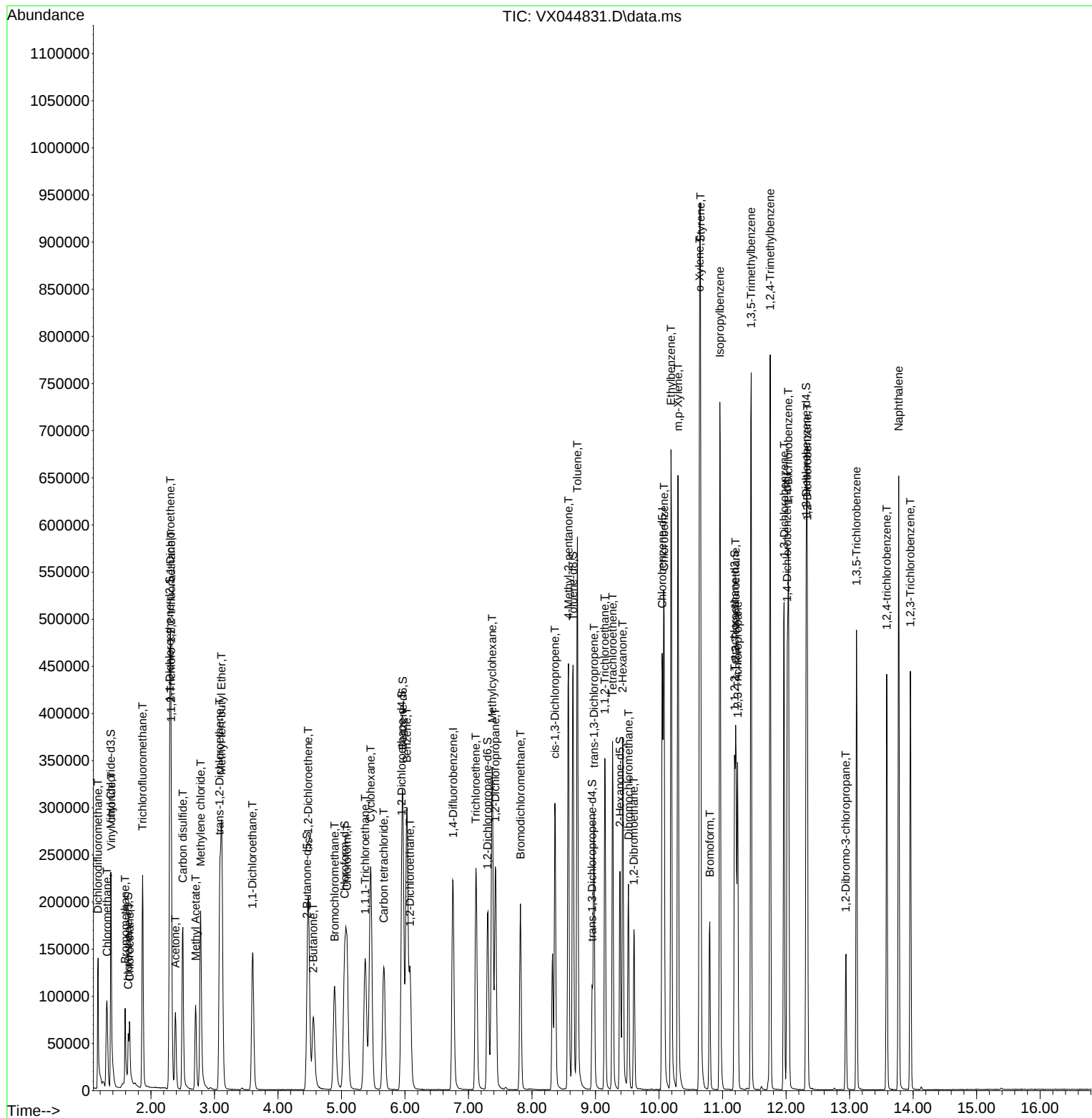
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	126172	55.707	ug/L	98
29) Cyclohexane	5.458	56	169450	54.033	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	138148	53.449	ug/L	99
31) Carbon tetrachloride	5.665	117	116975	52.773	ug/L	99
33) Benzene	6.031	78	370353	55.009	ug/L	100
34) Trichloroethene	7.116	95	92490	53.984	ug/L	99
35) Methylcyclohexane	7.372	83	160514	54.763	ug/L	99
37) 1,2-Dichloropropane	7.421	63	99970	54.896	ug/L	100
38) Bromodichloromethane	7.817	83	122101	53.424	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	157333	53.216	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	278542	115.705	ug/L	98
42) Toluene	8.714	91	384937	55.729	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	140320	53.017	ug/L	99
45) 1,1,2-Trichloroethane	9.146	97	94140	55.383	ug/L	98
46) Tetrachloroethene	9.268	164	65299	53.671	ug/L	96
48) 2-Hexanone	9.427	43	208397	120.811	ug/L	98
49) Dibromochloromethane	9.518	129	91105	53.145	ug/L	98
50) 1,2-Dibromoethane	9.604	107	95731	53.735	ug/L	99
51) Chlorobenzene	10.079	112	237691	55.122	ug/L	97
52) Ethylbenzene	10.189	91	418451	55.422	ug/L	99
53) m,p-Xylene	10.299	106	156063	55.058	ug/L	97
54) o-Xylene	10.640	106	156055	55.854	ug/L	96
55) Styrene	10.652	104	258929	56.151	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	146406	55.513	ug/L	99
59) Bromoform	10.799	173	61921	52.542	ug/L	99
60) Isopropylbenzene	10.957	105	406118	56.761	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	110302	56.079	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	331380	56.457	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	324932	55.892	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	161365	54.862	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	161373	55.119	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	163496	56.066	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.938	75	28474	53.130	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	106966	55.499	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	96017	55.259	ug/L	99
71) Naphthalene	13.774	128	377959	56.087	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	98941	56.155	ug/L	97

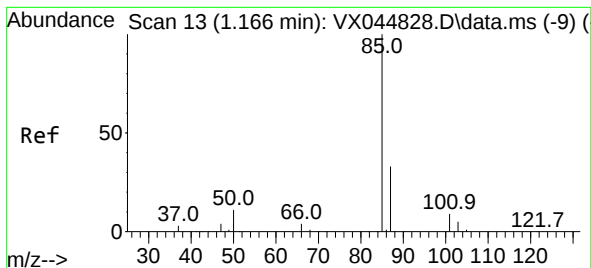
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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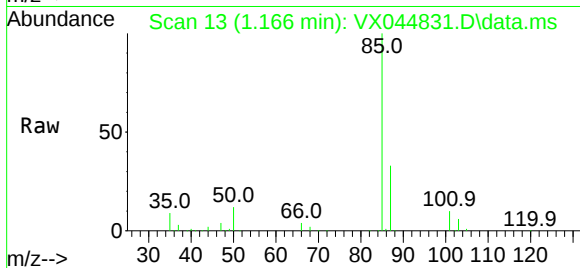
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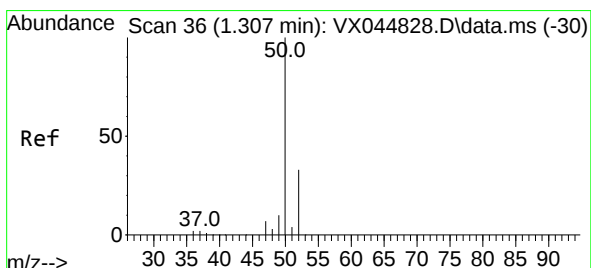
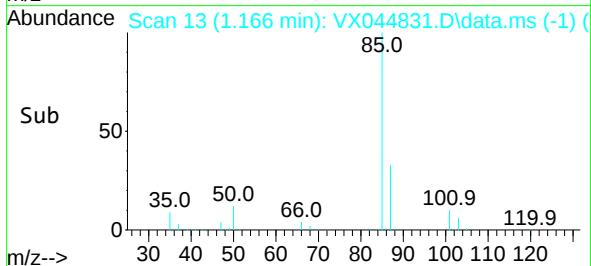
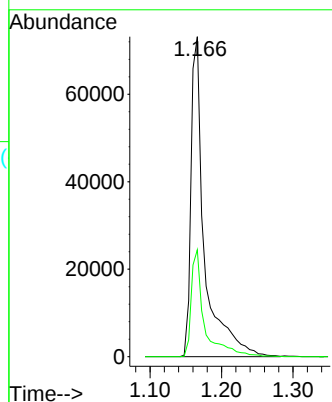


#2
Dichlorodifluoromethane
Concen: 57.262 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :

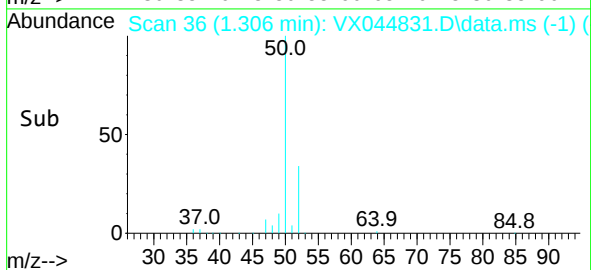
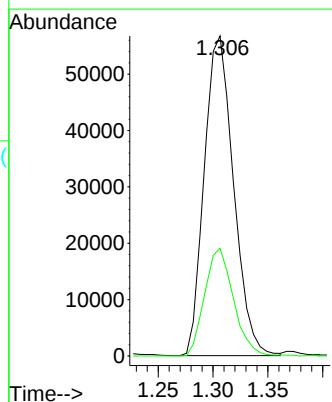
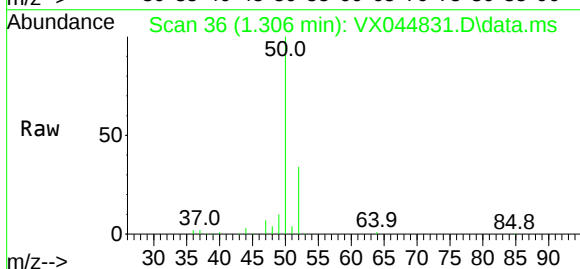


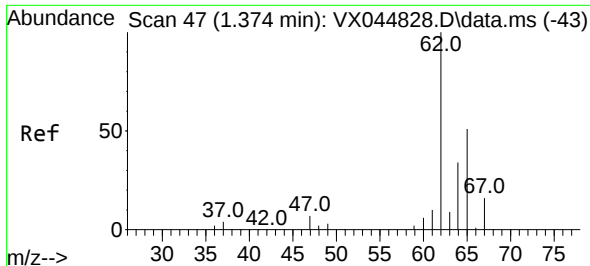
Tgt Ion: 85 Resp: 96122
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 50.950 ug/L
RT: 1.306 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Tgt Ion: 50 Resp: 105452
Ion Ratio Lower Upper
50 100
52 33.7 23.3 43.3

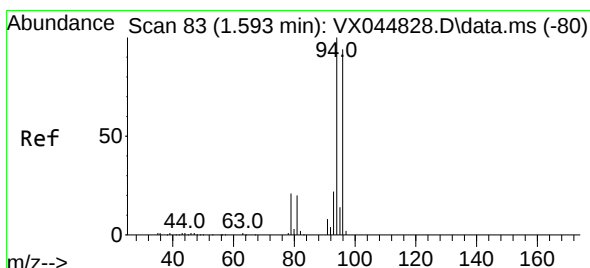
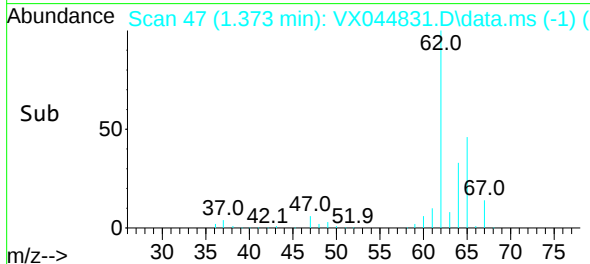
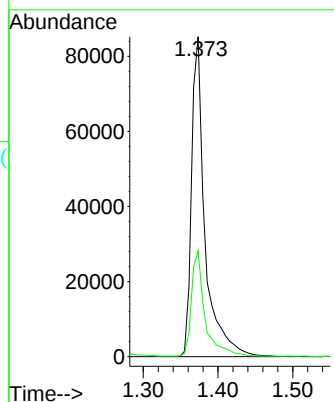
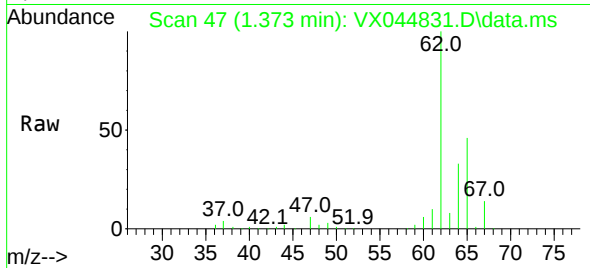




#5
 Vinyl chloride
 Concen: 55.831 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX044831.D
 Acq: 04 Feb 2025 13:52

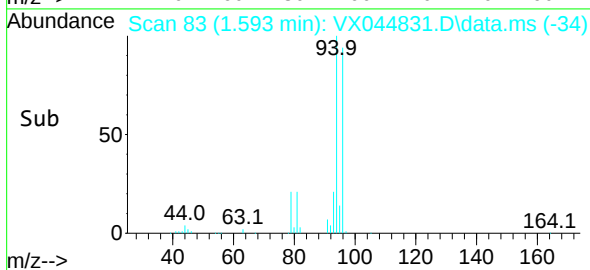
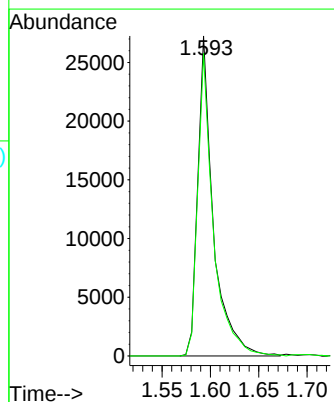
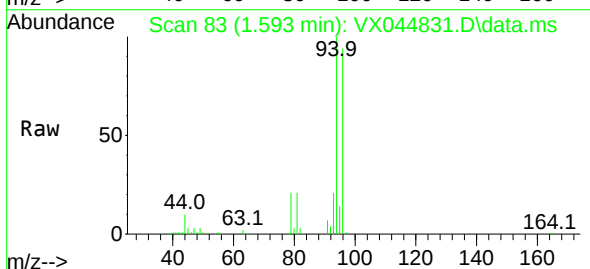
Instrument :
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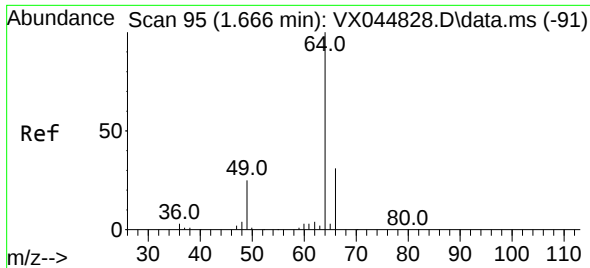
Tgt Ion: 62 Resp: 106121
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.7 44.1



#6
 Bromomethane
 Concen: 59.319 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX044831.D
 Acq: 04 Feb 2025 13:52

Tgt Ion: 94 Resp: 30517
 Ion Ratio Lower Upper
 94 100
 96 94.5 64.3 119.3

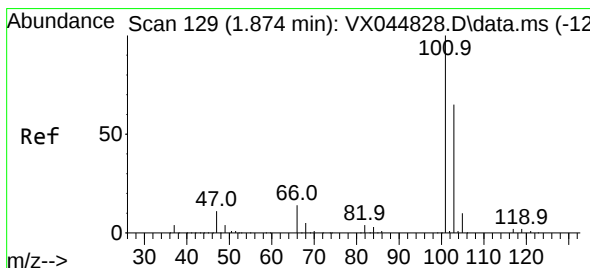
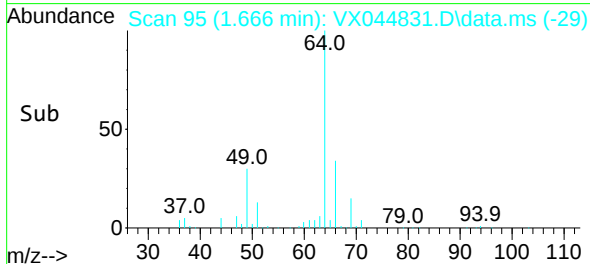
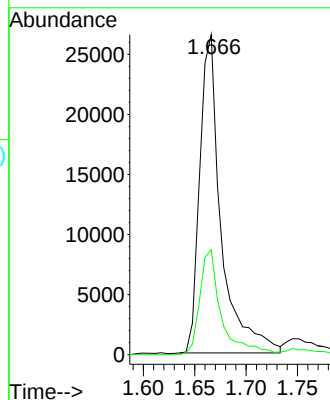
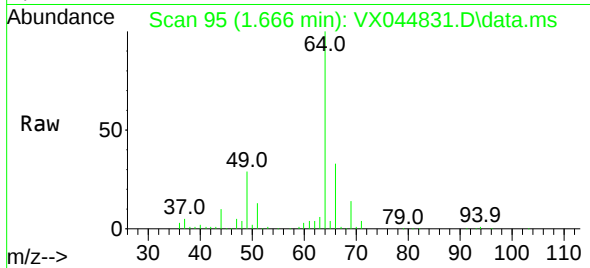




#8
Chloroethane
Concen: 50.590 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

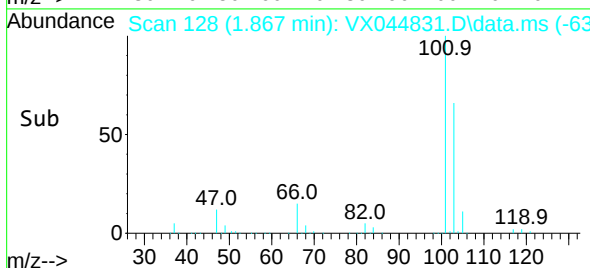
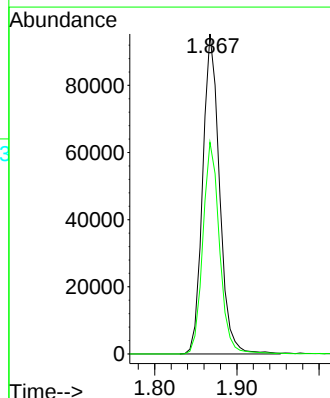
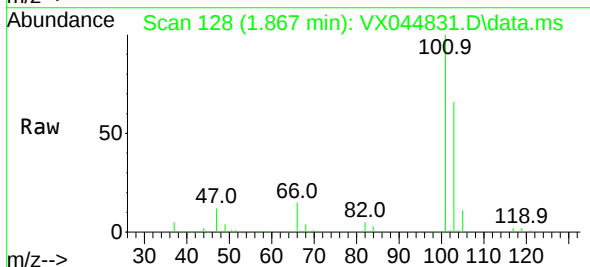
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MSVOA_V
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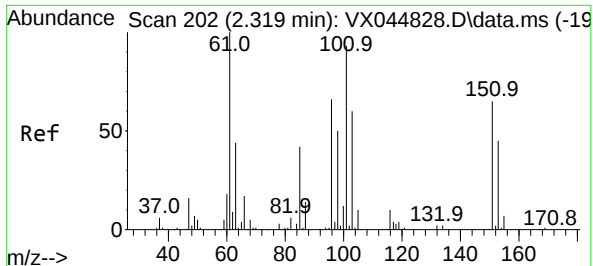
Tgt Ion: 64 Resp: 38394
Ion Ratio Lower Upper
64 100
66 32.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 64.043 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.007 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Tgt Ion: 101 Resp: 135721
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2





#10

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

Concen: 56.885 ug/L

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

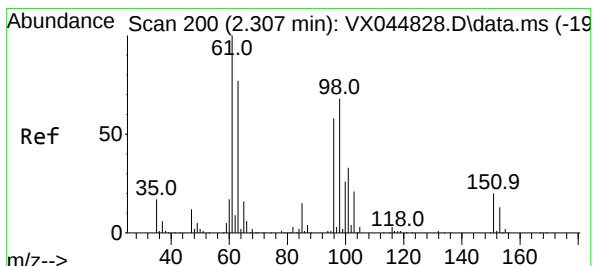
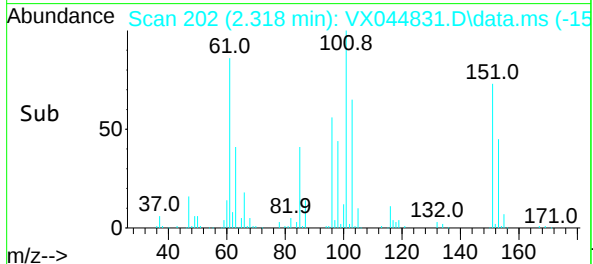
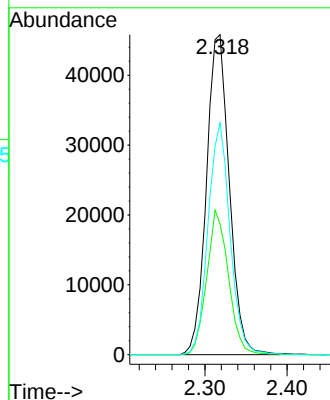
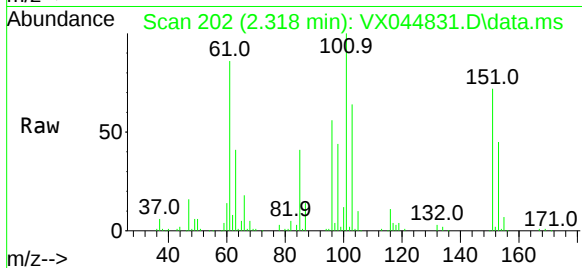
Tgt Ion:101 Resp: 88683

Ion Ratio Lower Upper

101 100

85 42.9 35.4 53.0

151 69.5 57.0 85.4



#12

1,1-Dichloroethene

Concen: 55.673 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.007 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

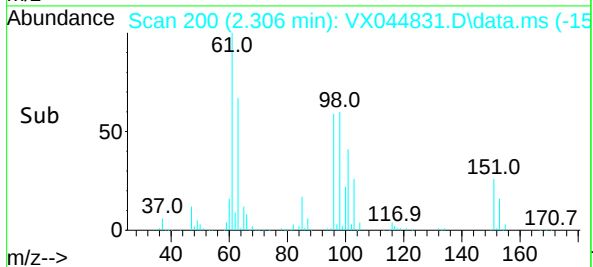
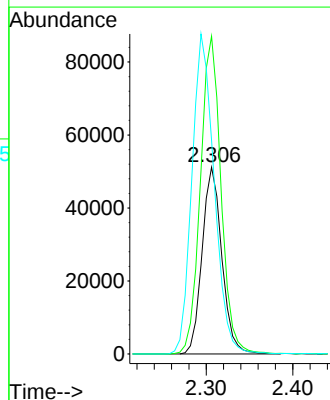
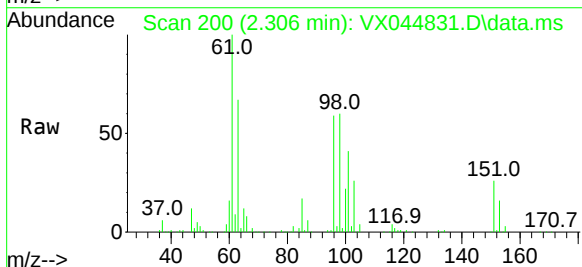
Tgt Ion: 96 Resp: 80990

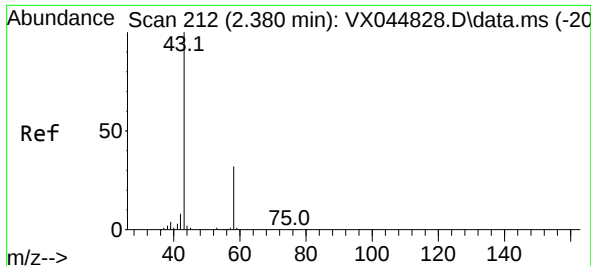
Ion Ratio Lower Upper

96 100

61 170.2 115.1 213.8

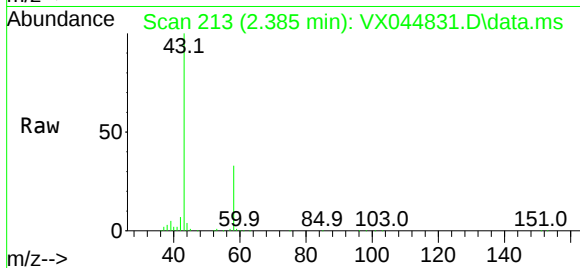
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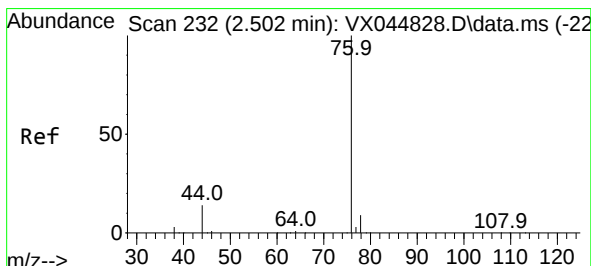
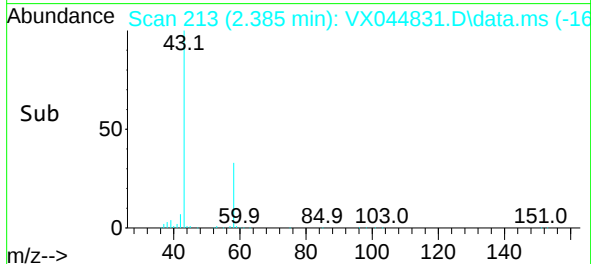
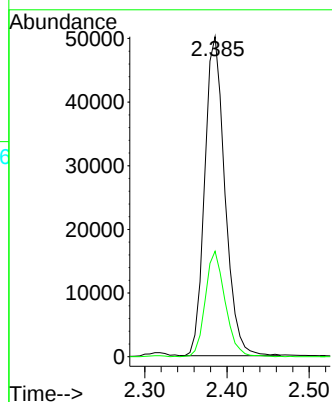


#13
Acetone
Concen: 113.857 ug/L
RT: 2.385 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX044831.D
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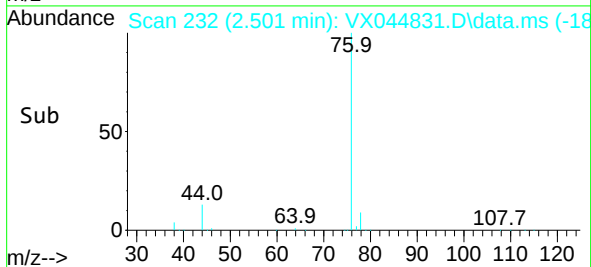
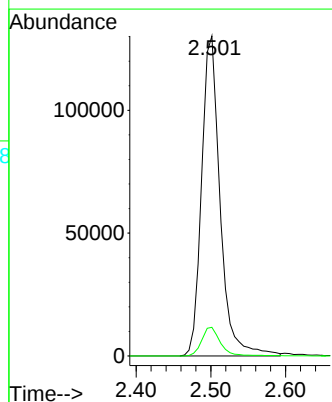
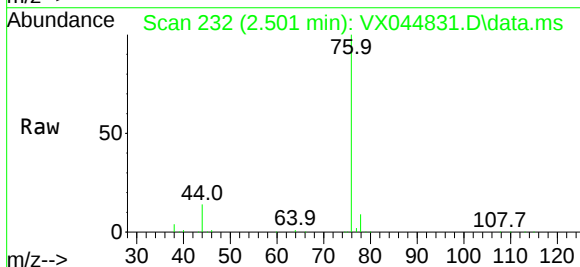


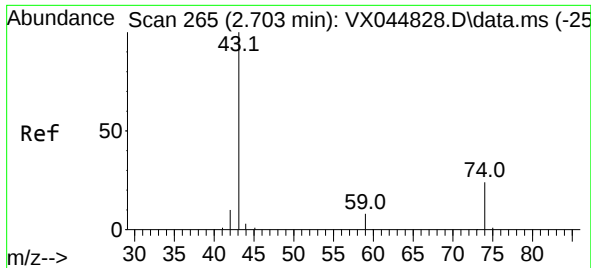
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Ion Ratio Lower Upper
43 100
58 32.4 0.0 64.6



#14
Carbon disulfide
Concen: 50.396 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044831.D
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Tgt Ion: 76 Resp: 224505
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

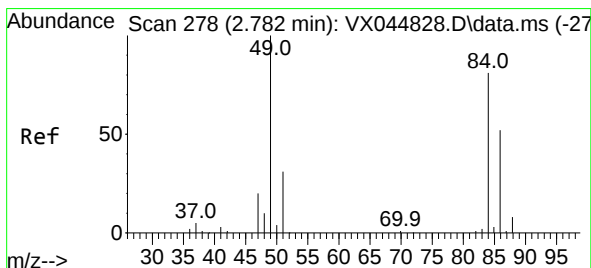
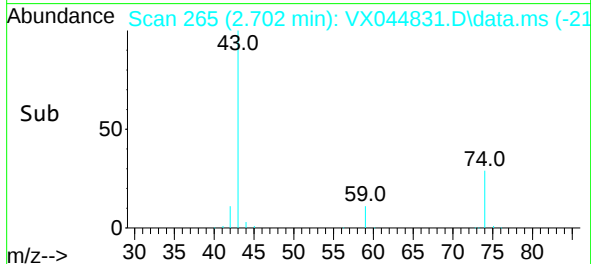
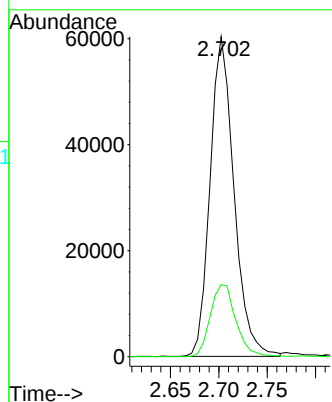
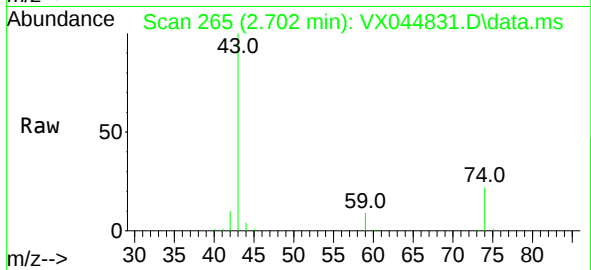




#15
Methyl Acetate
Concen: 59.502 ug/L
RT: 2.702 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

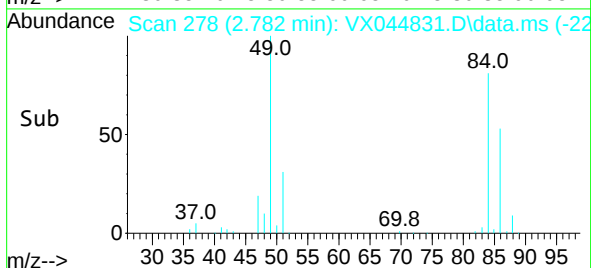
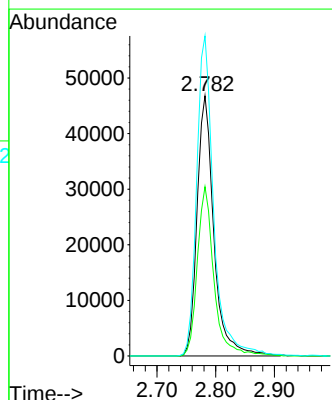
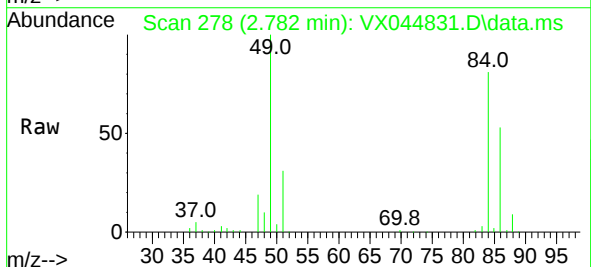
Instrument :
MSVOA_V
ClientSampleId :

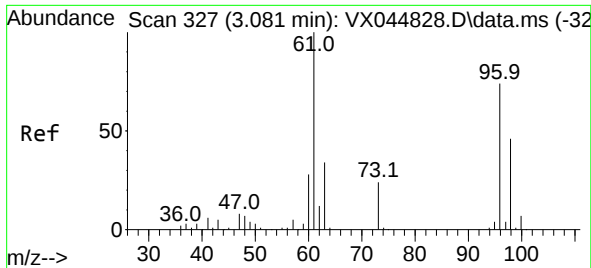
Tgt Ion: 43 Resp: 103708
Ion Ratio Lower Upper
43 100
74 24.1 19.7 29.5



#16
Methylene chloride
Concen: 56.107 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

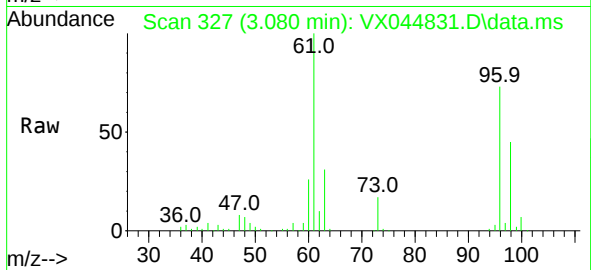
Tgt Ion: 84 Resp: 93355
Ion Ratio Lower Upper
84 100
86 65.1 45.6 84.8
49 123.0 84.6 157.0





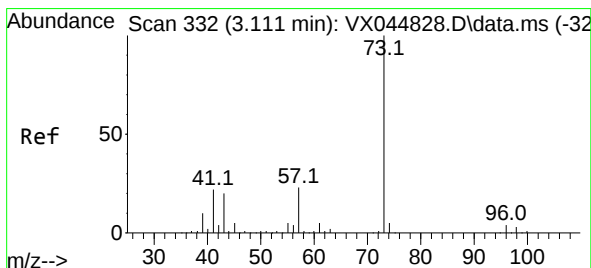
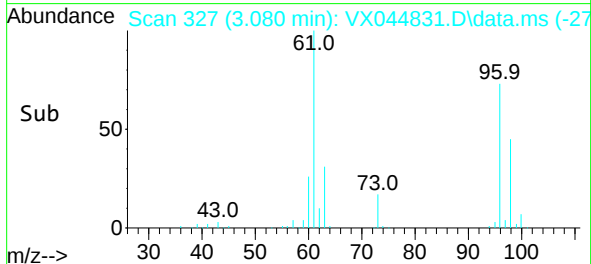
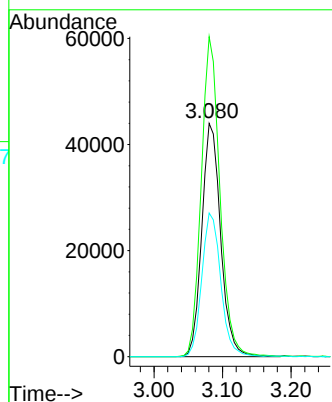
#17
 trans-1,2-Dichloroethene
 Concen: 55.392 ug/L
 RT: 3.080 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VX044831.D
 Acq: 04 Feb 2025 13:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 84295

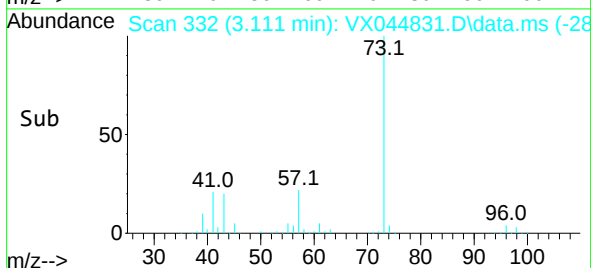
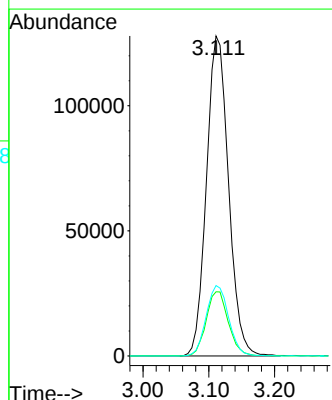
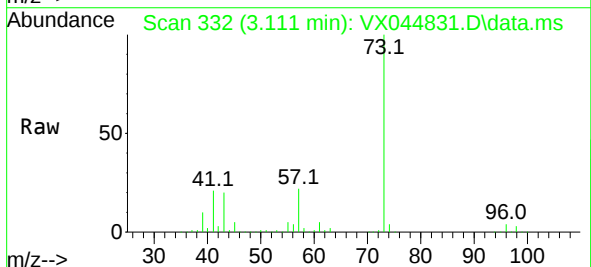
Ion	Ratio	Lower	Upper
96	100		
61	137.2	98.3	182.7
98	61.6	44.1	81.9

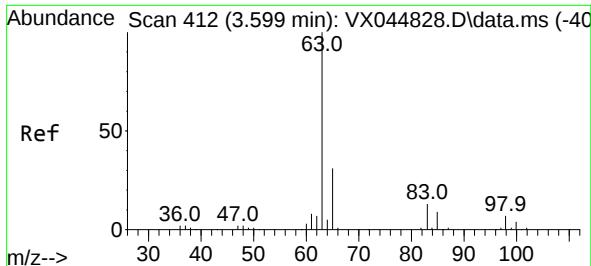


#18
 Methyl tert-butyl Ether
 Concen: 56.909 ug/L
 RT: 3.111 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: VX044831.D
 Acq: 04 Feb 2025 13:52

Tgt Ion: 73 Resp: 298582

Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.9	25.3
57	22.4	17.4	26.0





#19

1,1-Dichloroethane

Concen: 56.544 ug/L

RT: 3.599 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

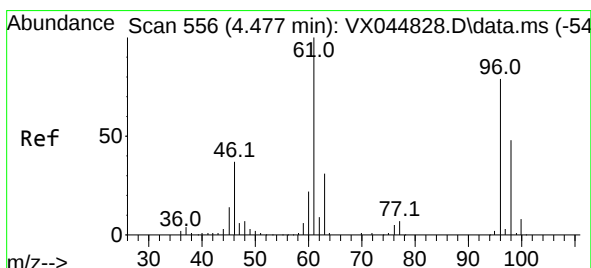
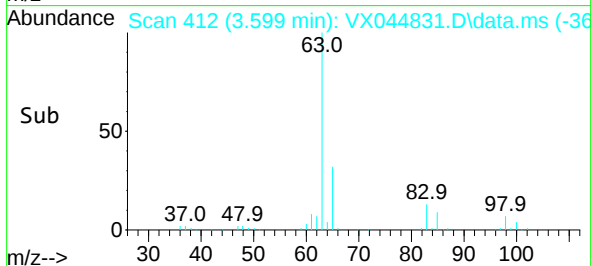
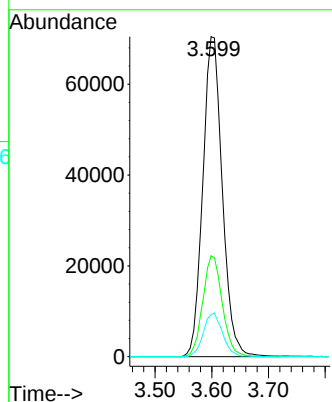
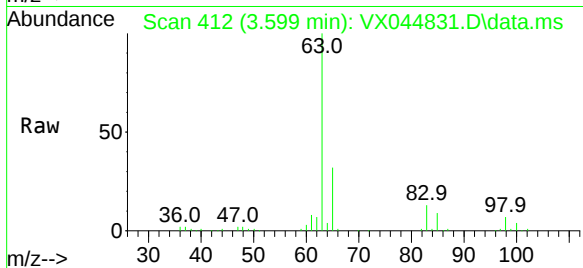
Tgt Ion: 63 Resp: 168247

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

83 13.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 54.423 ug/L

RT: 4.476 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

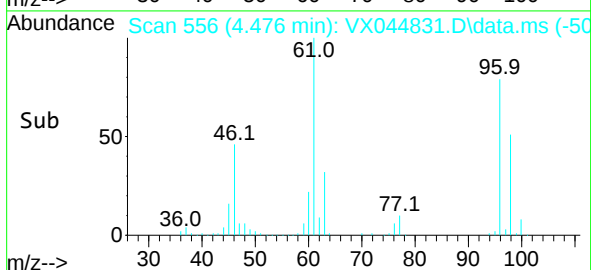
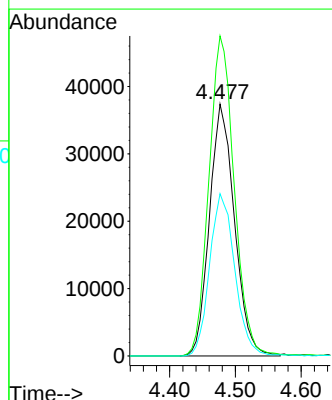
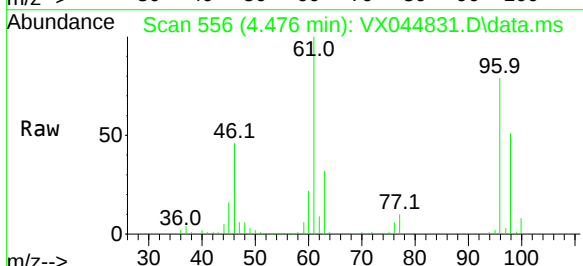
Tgt Ion: 96 Resp: 99138

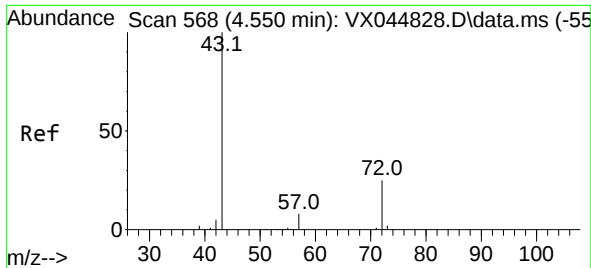
Ion Ratio Lower Upper

96 100

61 127.1 88.3 163.9

98 64.4 44.6 82.8

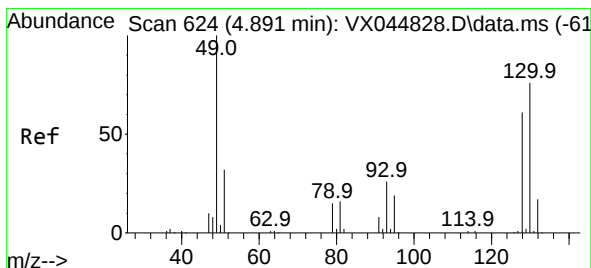
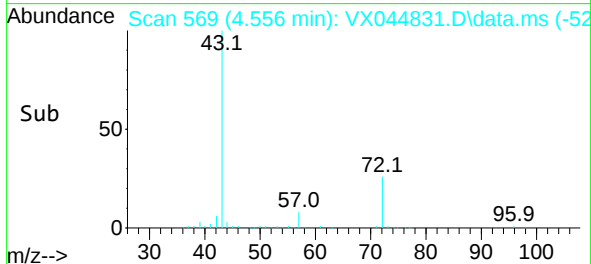
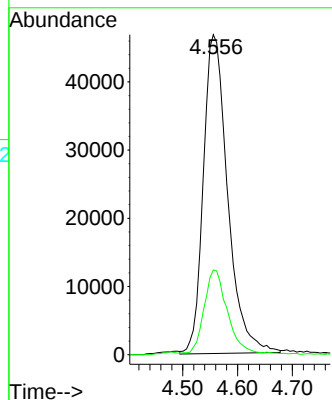
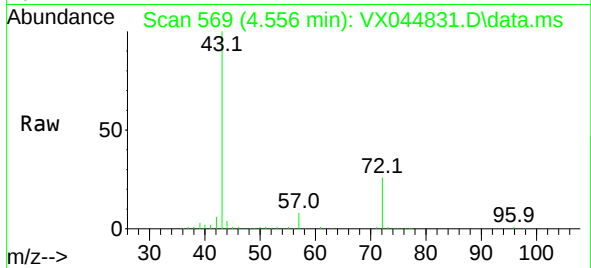




#22
2-Butanone
Concen: 116.172 ug/L
RT: 4.556 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

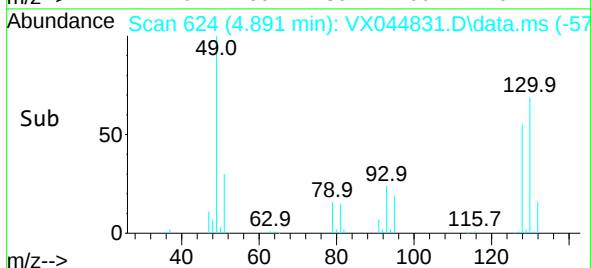
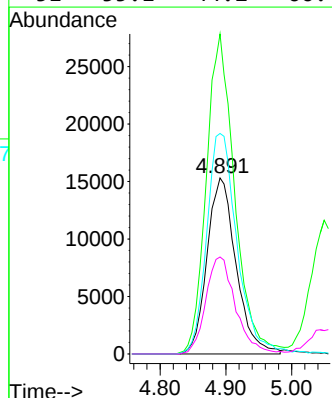
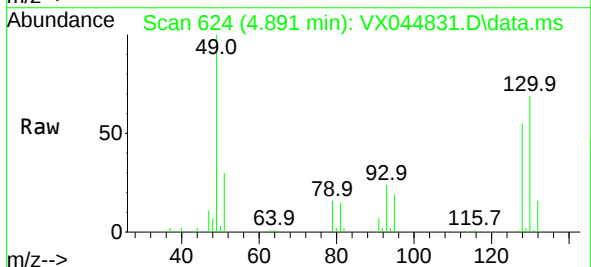
Instrument :
MSVOA_V
ClientSampleId :

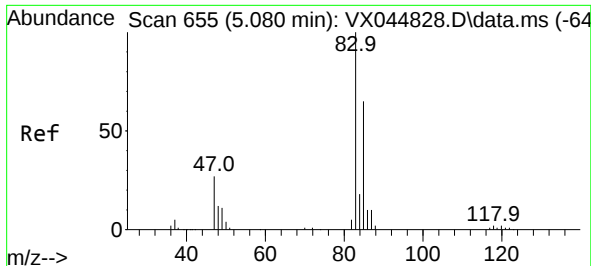
Tgt Ion: 43 Resp: 144283
Ion Ratio Lower Upper
43 100
72 25.5 13.4 40.2



#23
Bromochloromethane
Concen: 52.333 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Tgt Ion:128 Resp: 47016
Ion Ratio Lower Upper
128 100
49 181.9 117.6 218.4
130 125.3 92.0 170.9
51 55.1 44.2 66.4





#25

Chloroform

Concen: 54.597 ug/L

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

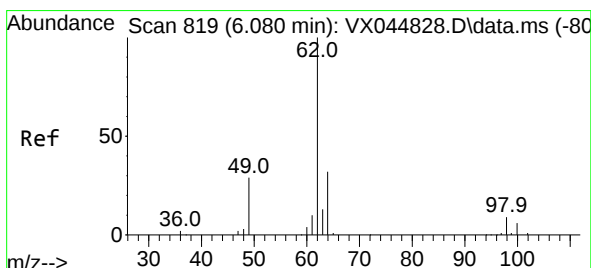
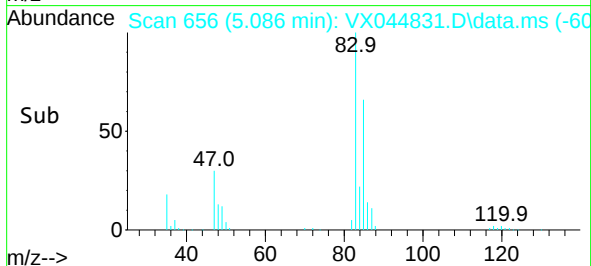
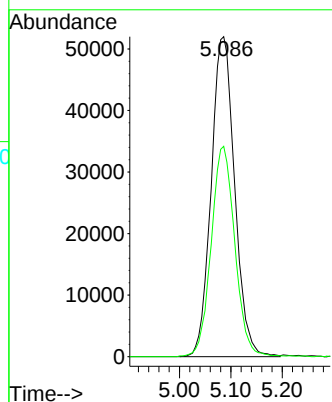
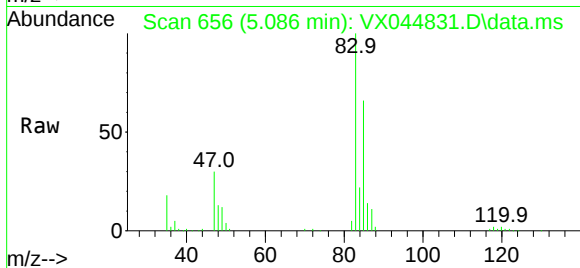
ClientSampleId :

Tgt Ion: 83 Resp: 164827

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 55.707 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.006 min

Lab File: VX044831.D

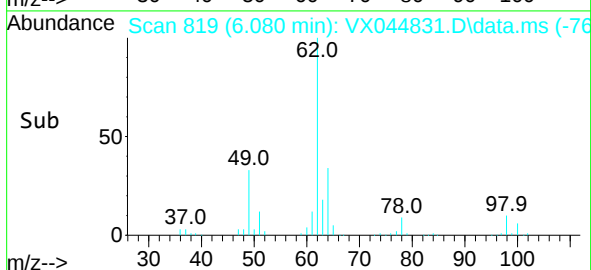
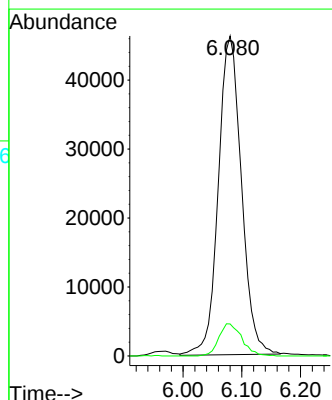
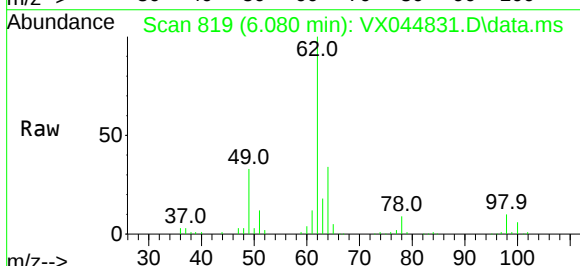
Acq: 04 Feb 2025 13:52

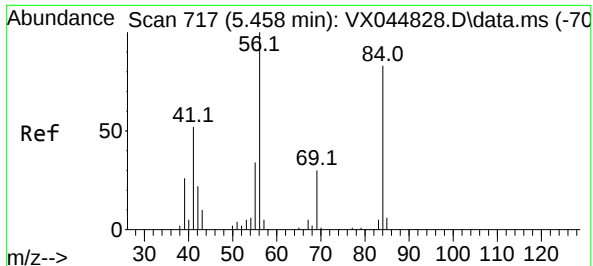
Tgt Ion: 62 Resp: 126172

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.2





#29

Cyclohexane

Concen: 54.033 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min MSVOA_V

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

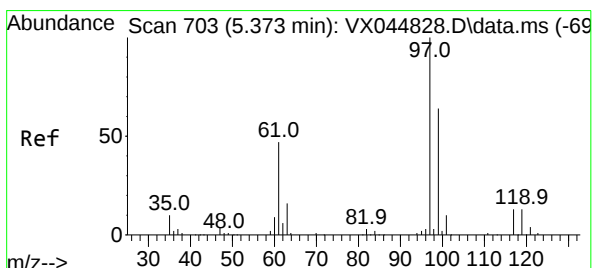
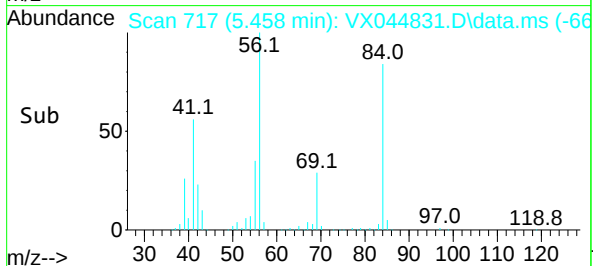
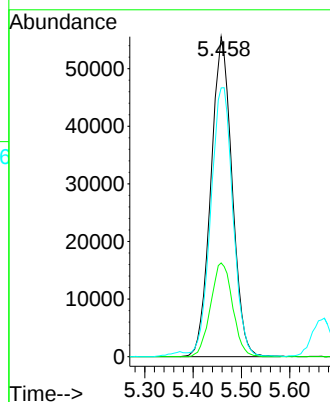
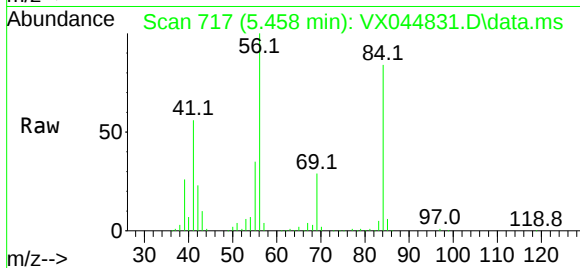
Tgt Ion: 56 Resp: 169450

Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.2

84 87.5 71.6 107.4



#30

1,1,1-Trichloroethane

Concen: 53.449 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

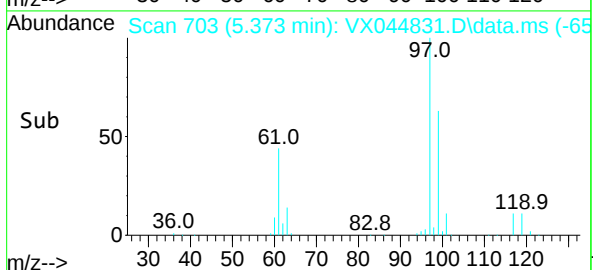
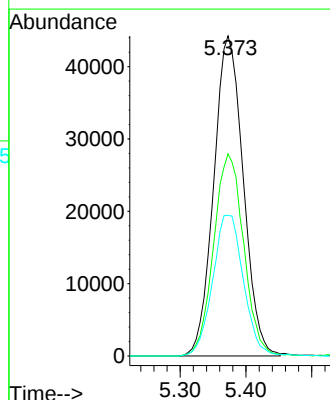
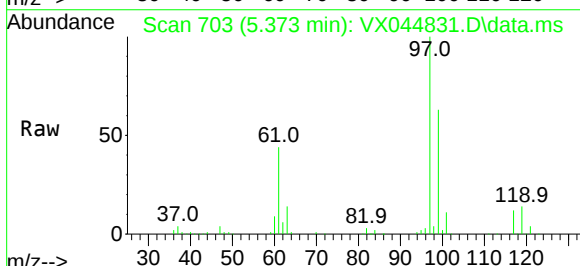
Tgt Ion: 97 Resp: 138148

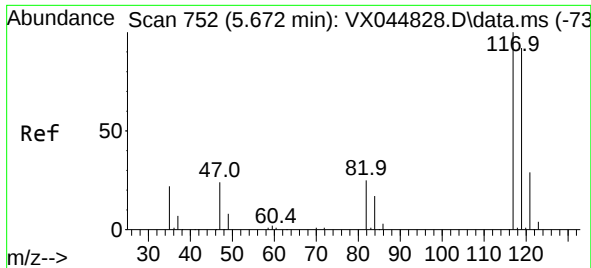
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

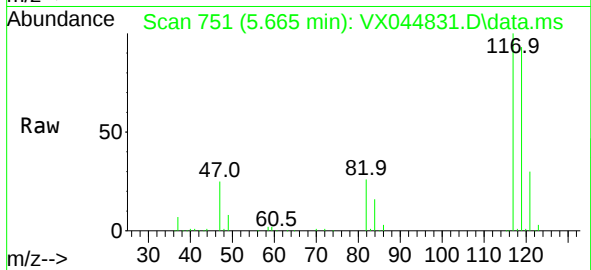
61 45.7 35.8 53.6



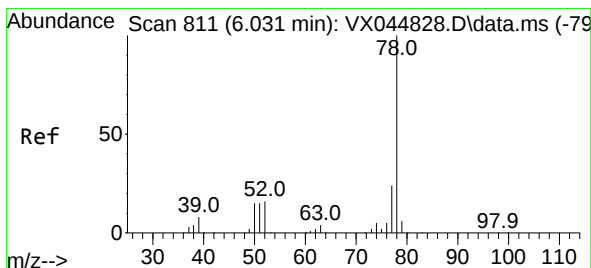
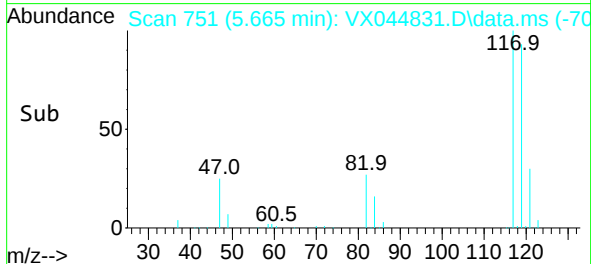
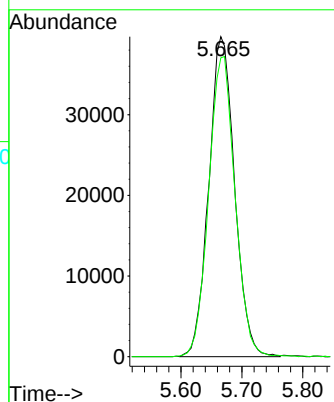


#31
Carbon tetrachloride
Concen: 52.773 ug/L
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :

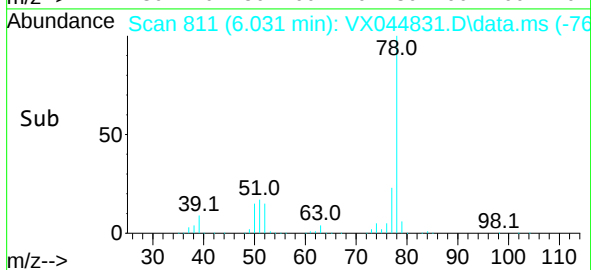
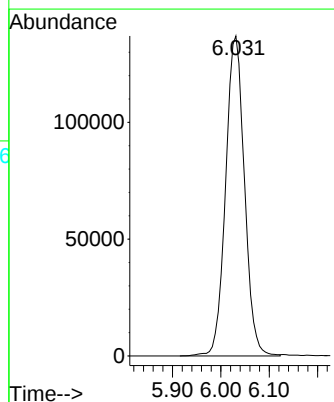
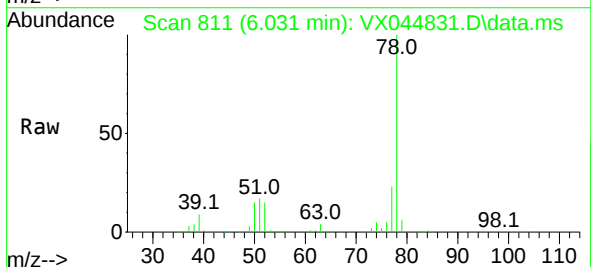


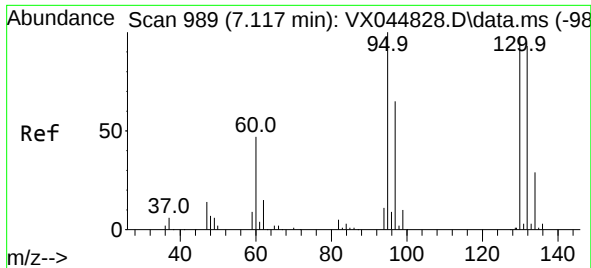
Tgt Ion:117 Resp: 116975
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7



#33
Benzene
Concen: 55.009 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Tgt Ion: 78 Resp: 370353





#34

Trichloroethene

Concen: 53.984 ug/L

RT: 7.116 min Scan# 91

Delta R.T. -0.000 min

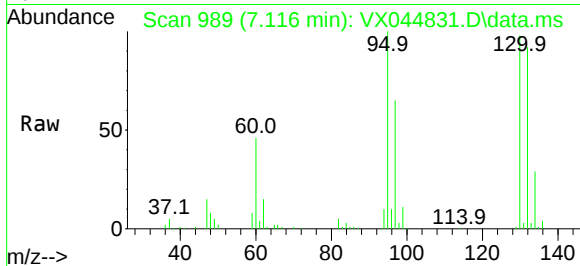
Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 92490

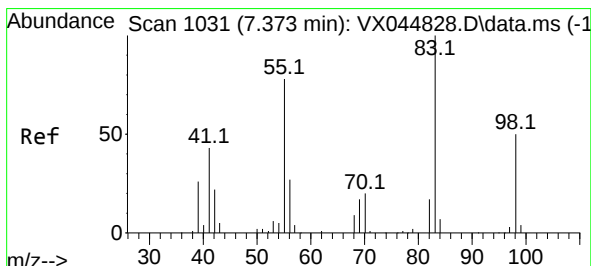
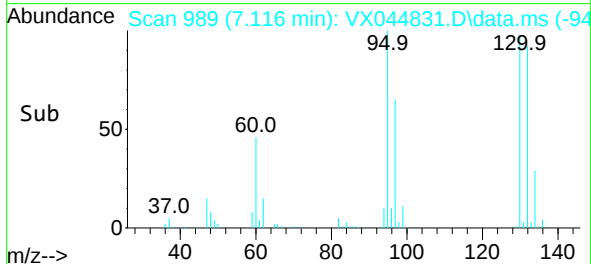
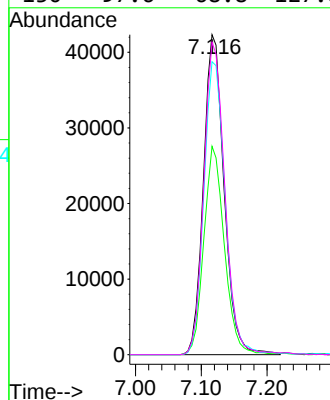
Ion Ratio Lower Upper

95 100

97 65.1 46.1 85.5

132 91.6 64.5 119.9

130 97.6 68.8 127.8



#35

Methylcyclohexane

Concen: 54.763 ug/L

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

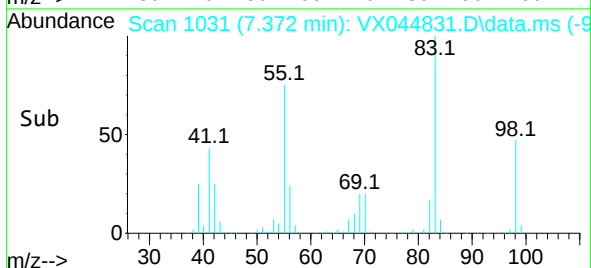
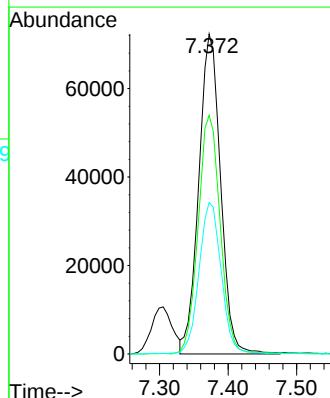
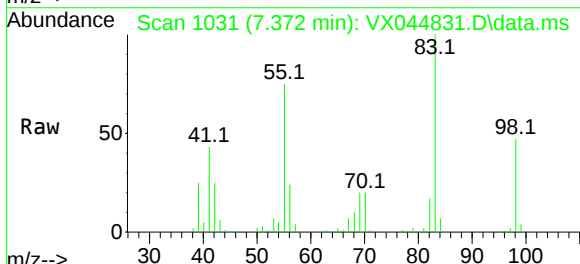
Tgt Ion: 83 Resp: 160514

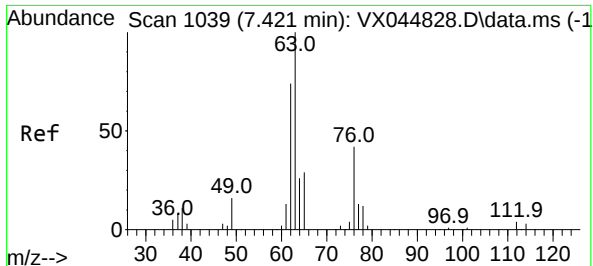
Ion Ratio Lower Upper

83 100

55 75.2 60.6 90.8

98 47.9 38.9 58.3





#37

1,2-Dichloropropane

Concen: 54.896 ug/L

RT: 7.421 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

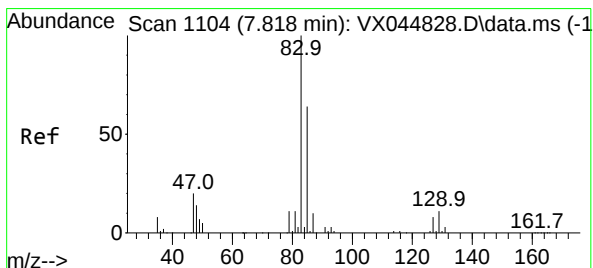
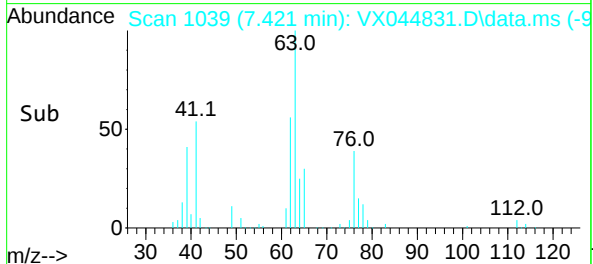
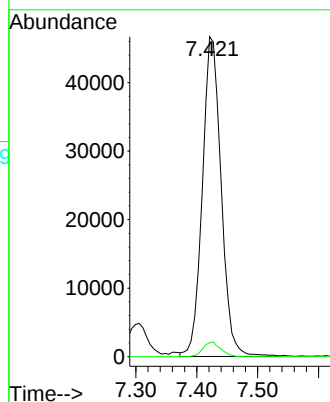
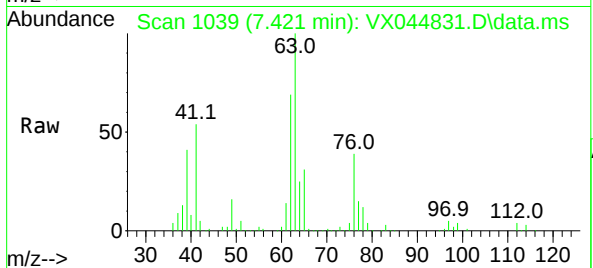
ClientSampleId :

Tgt Ion: 63 Resp: 99970

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 53.424 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

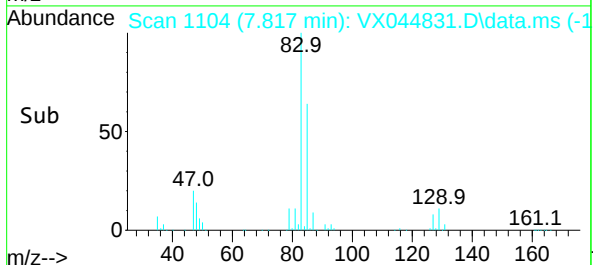
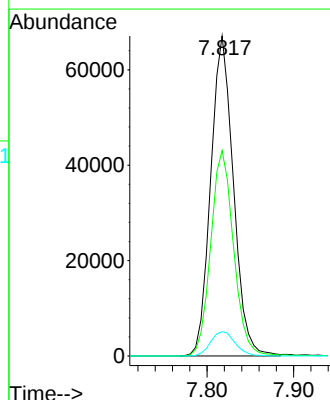
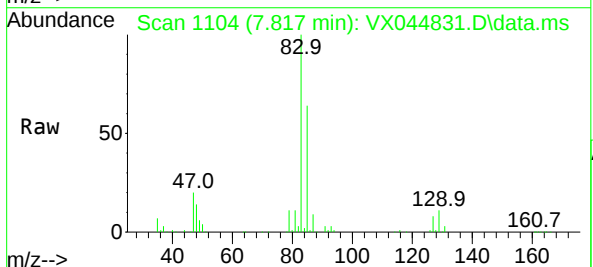
Tgt Ion: 83 Resp: 122101

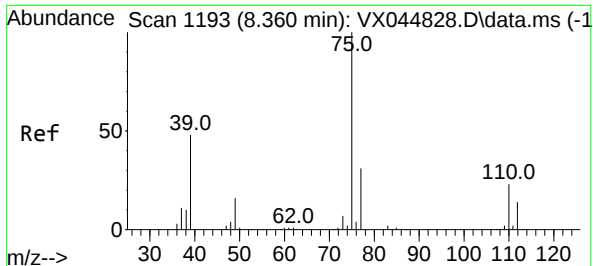
Ion Ratio Lower Upper

83 100

85 64.2 43.8 81.3

127 7.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 53.216 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

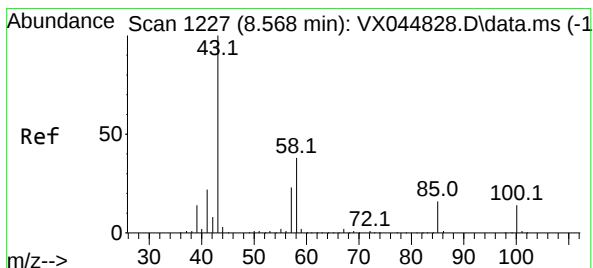
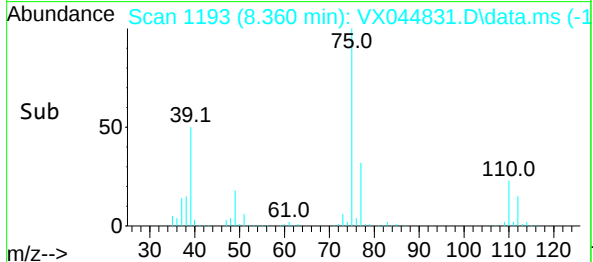
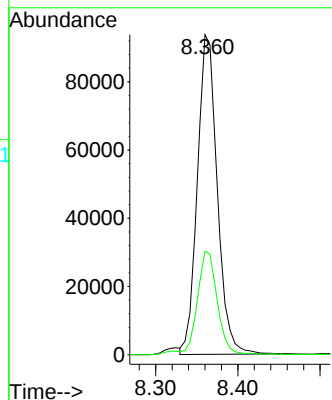
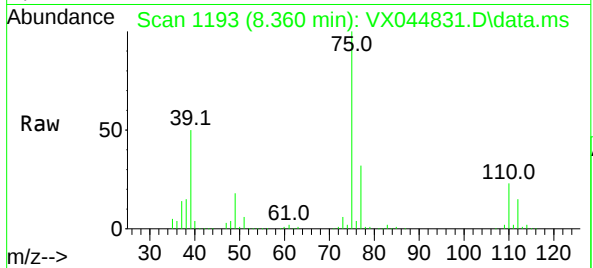
ClientSampleId :

Tgt Ion: 75 Resp: 157333

Ion Ratio Lower Upper

75 100

77 32.3 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 115.705 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

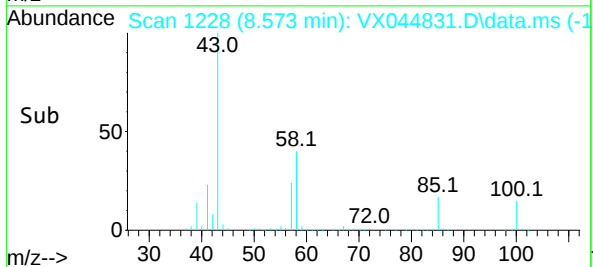
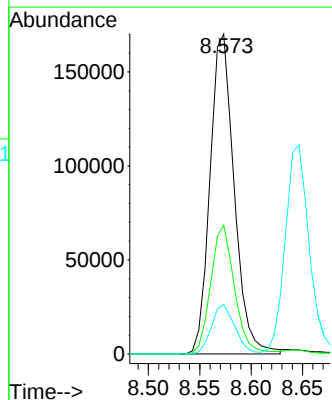
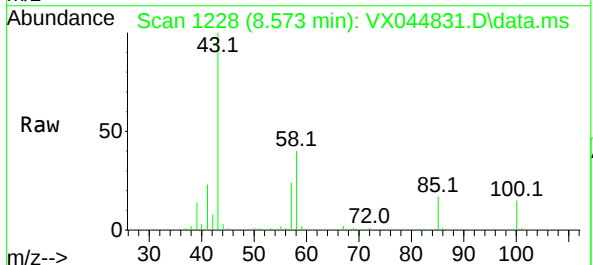
Tgt Ion: 43 Resp: 278542

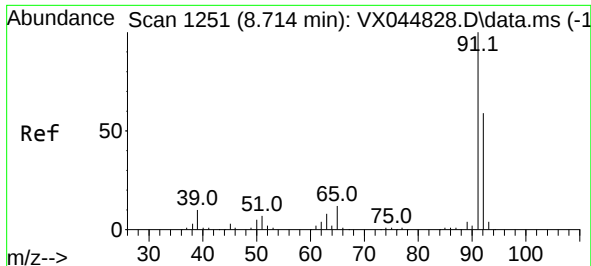
Ion Ratio Lower Upper

43 100

58 39.3 32.1 48.1

100 15.1 12.9 19.3

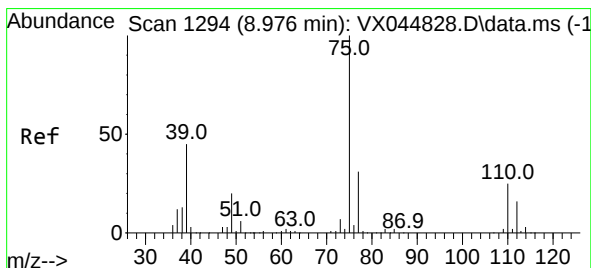
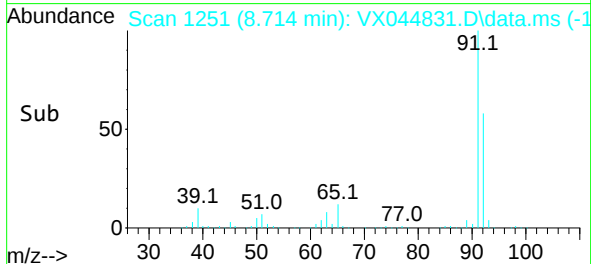
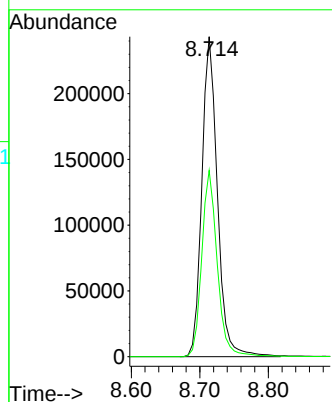
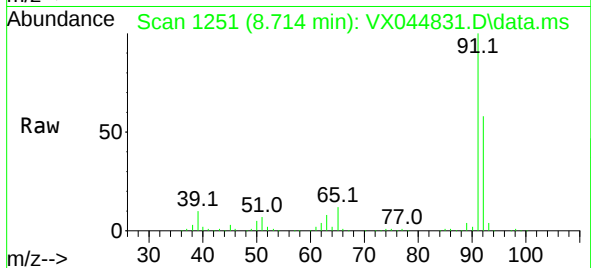




#42
Toluene
Concen: 55.729 ug/L
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

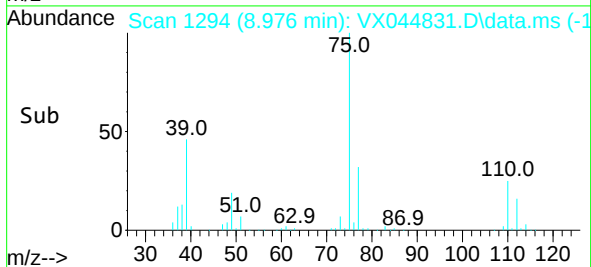
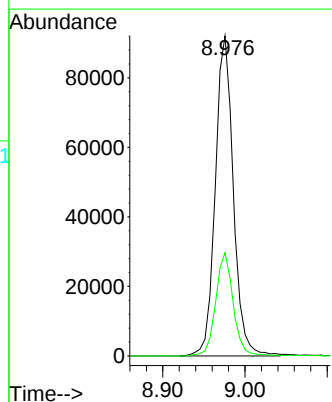
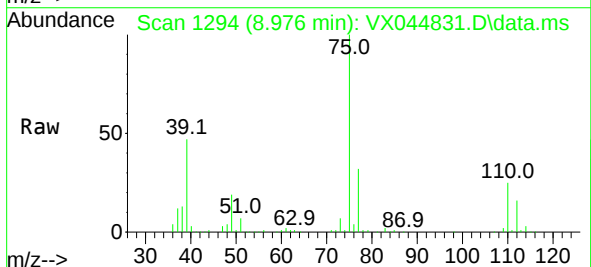
Instrument :
MSVOA_V
ClientSampleId :

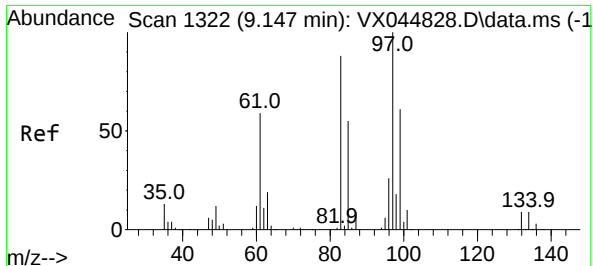
Tgt Ion: 91 Resp: 384937
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 53.017 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Tgt Ion: 75 Resp: 140320
Ion Ratio Lower Upper
75 100
77 32.3 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 55.383 ug/L

RT: 9.146 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 94140

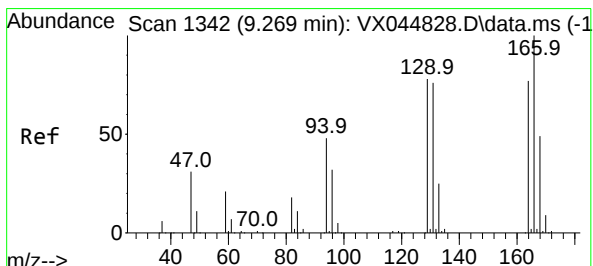
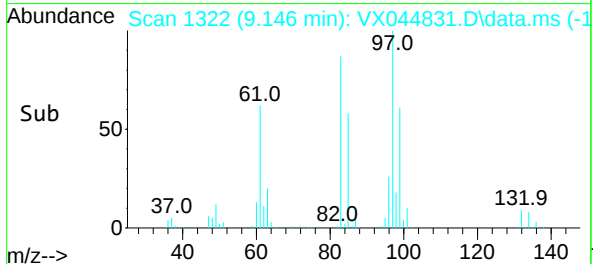
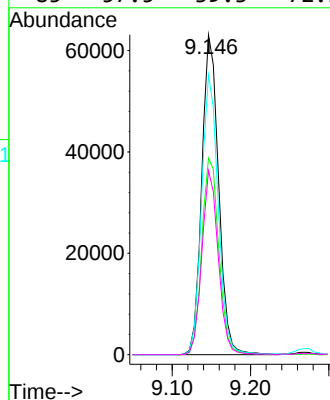
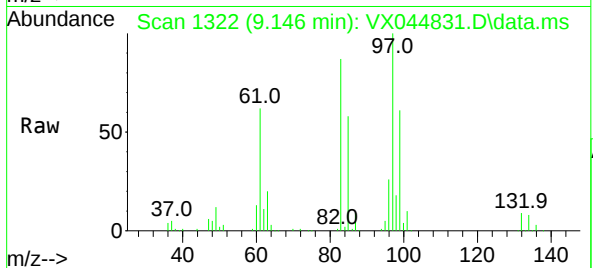
Ion Ratio Lower Upper

97 100

99 61.4 44.8 83.2

83 87.4 60.8 113.0

85 57.5 39.3 72.9



#46

Tetrachloroethene

Concen: 53.671 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Tgt Ion:164 Resp: 65299

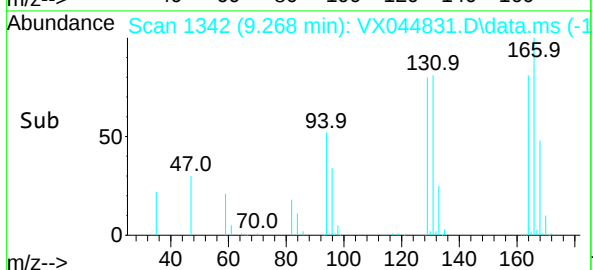
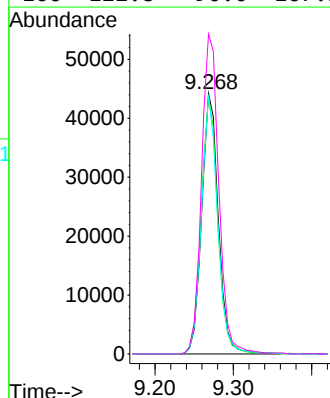
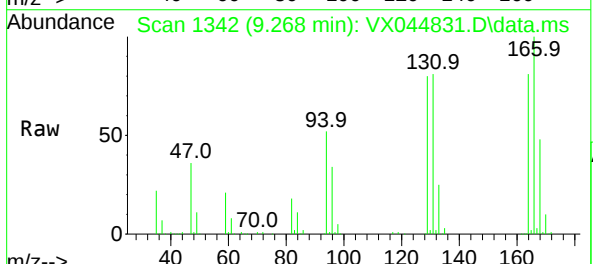
Ion Ratio Lower Upper

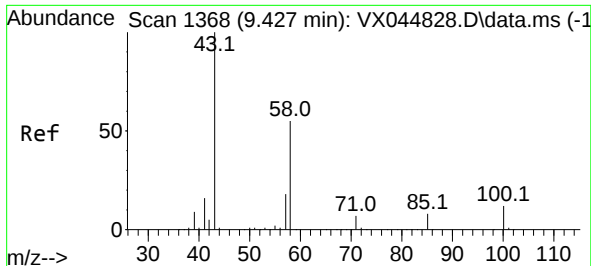
164 100

129 98.5 71.2 132.2

131 99.2 67.2 124.8

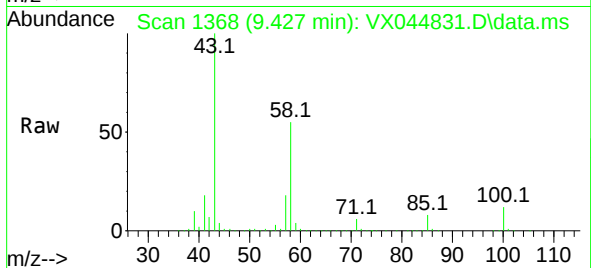
166 122.8 90.0 167.2



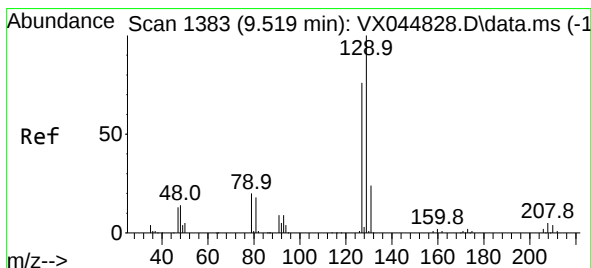
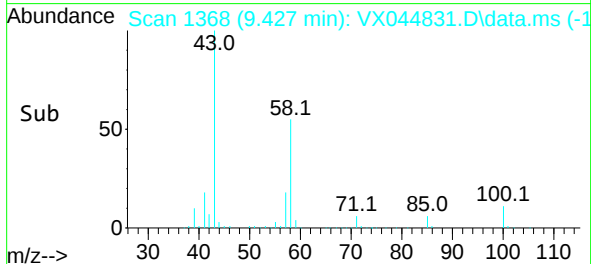
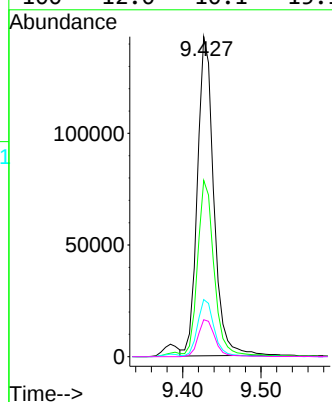


#48
2-Hexanone
Concen: 120.811 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :

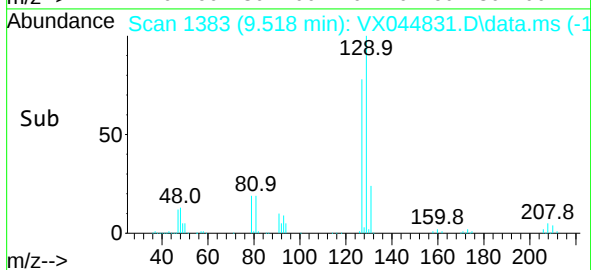
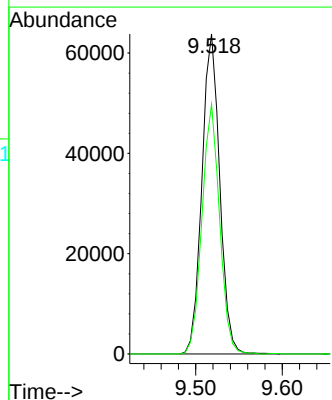
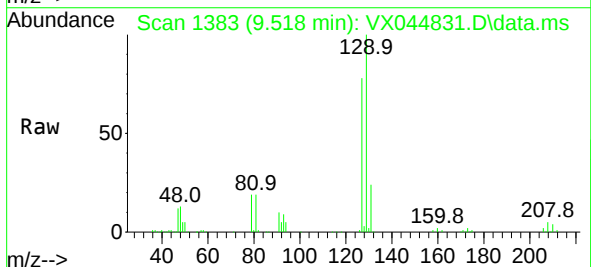


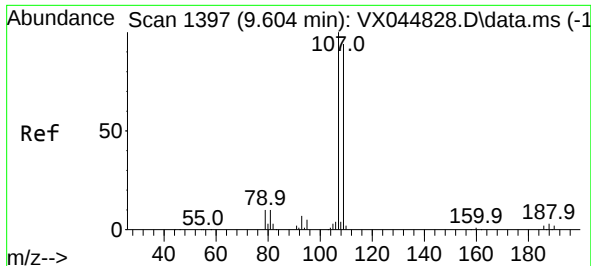
Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.9	44.3	66.5
57	18.3	15.9	23.9
100	12.0	10.1	15.1



#49
Dibromochloromethane
Concen: 53.145 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.6	99.6

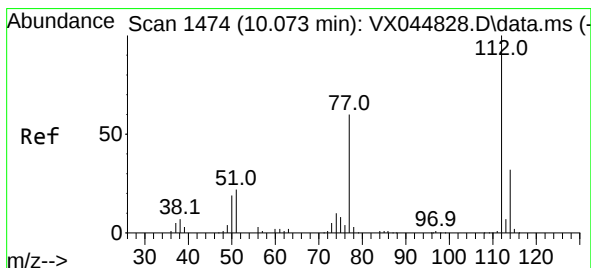
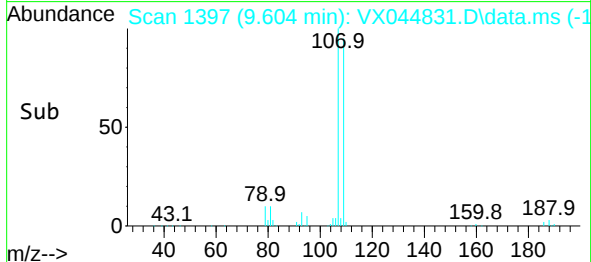
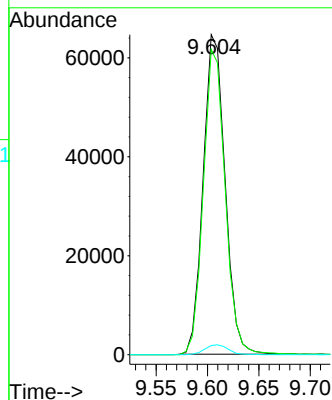
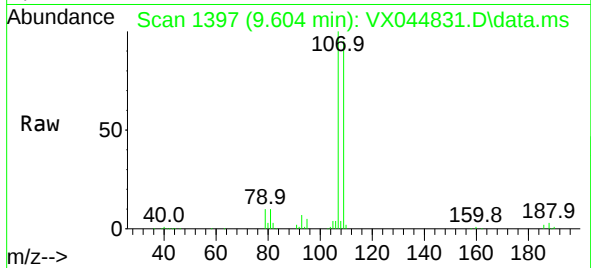




#50
1,2-Dibromoethane
Concen: 53.735 ug/L
RT: 9.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

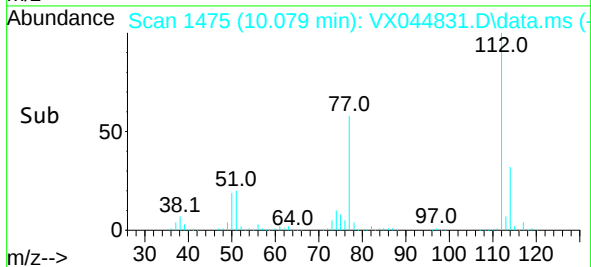
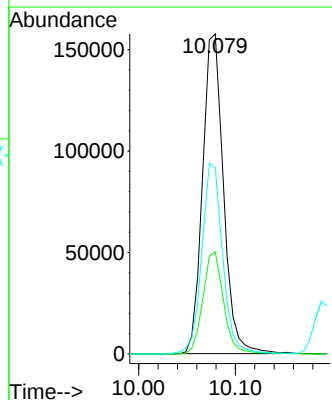
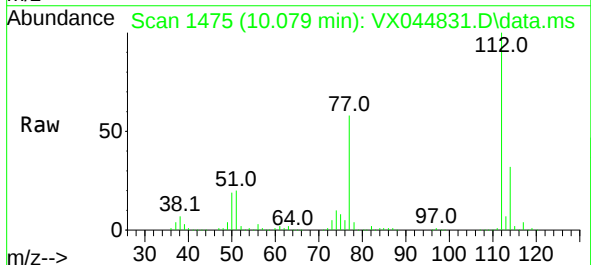
Instrument :
MSVOA_V
ClientSampleId :

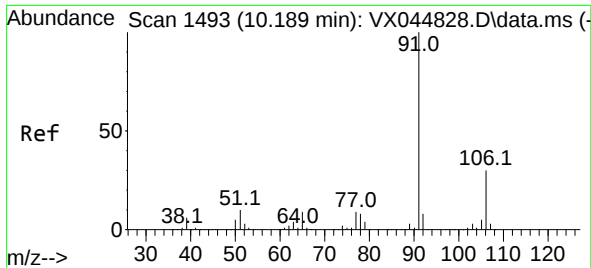
Tgt Ion:107 Resp: 95731
Ion Ratio Lower Upper
107 100
109 95.4 67.2 124.8
188 2.9 2.2 3.4



#51
Chlorobenzene
Concen: 55.122 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Tgt Ion:112 Resp: 237691
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 58.2 49.2 73.8

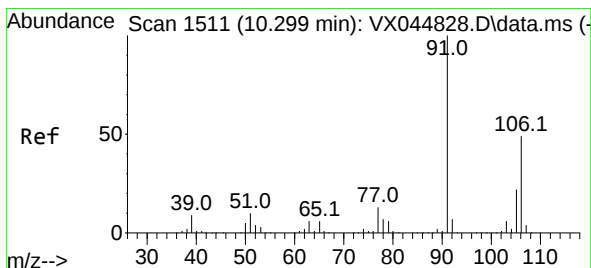
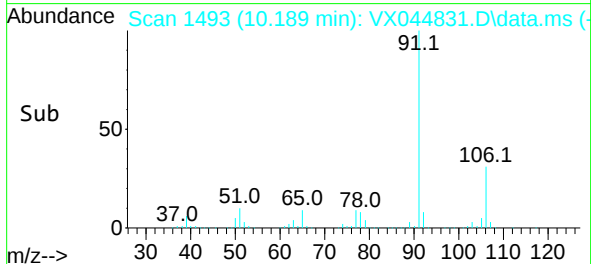
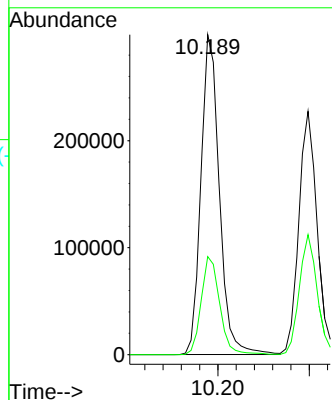
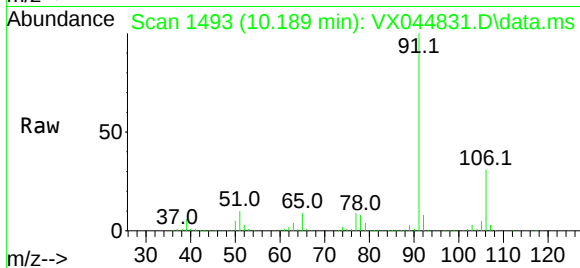




#52
Ethylbenzene
Concen: 55.422 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

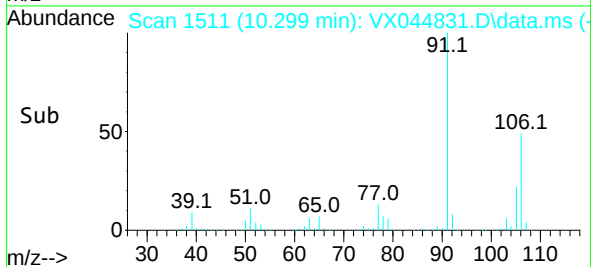
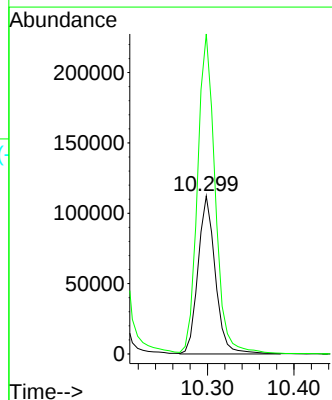
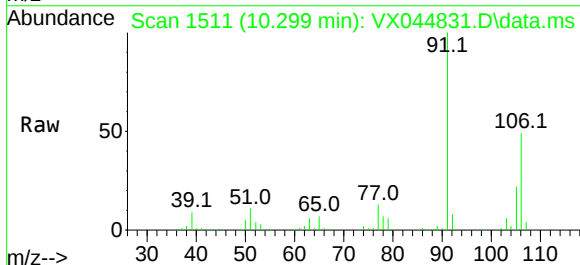
Instrument :
MSVOA_V
ClientSampleId :

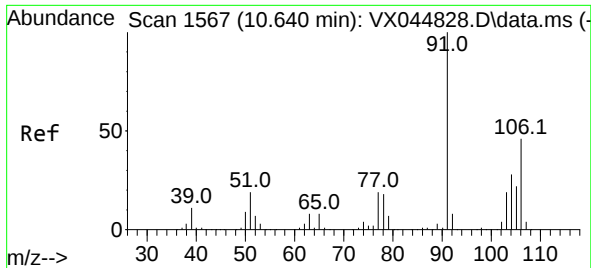
Tgt Ion: 91 Resp: 418451
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.3



#53
m,p-Xylene
Concen: 55.058 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Tgt Ion:106 Resp: 156063
Ion Ratio Lower Upper
106 100
91 202.7 145.2 269.6

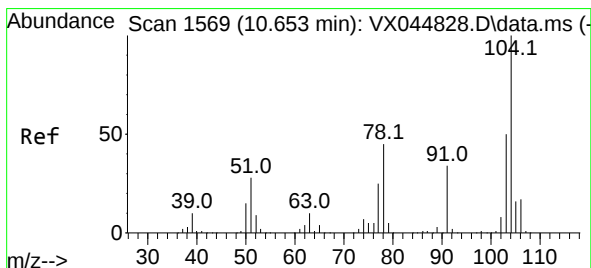
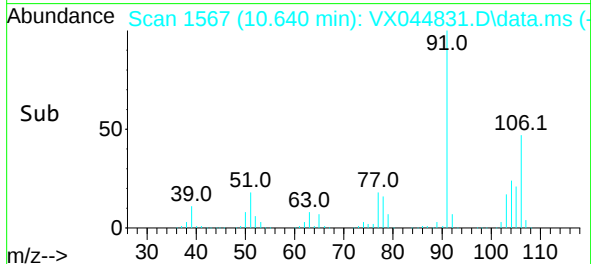
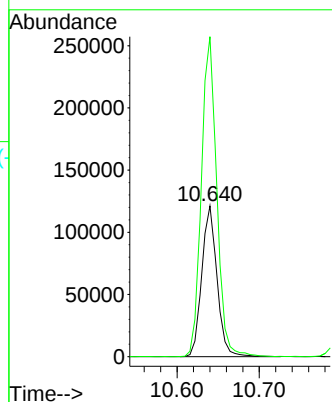
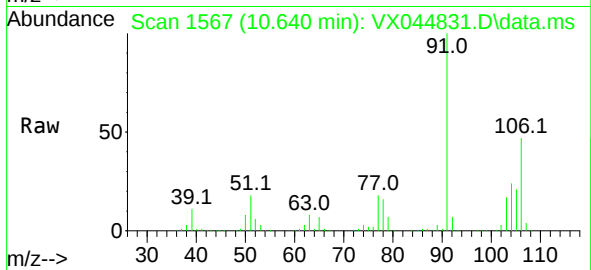




#54
o-Xylene
Concen: 55.854 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

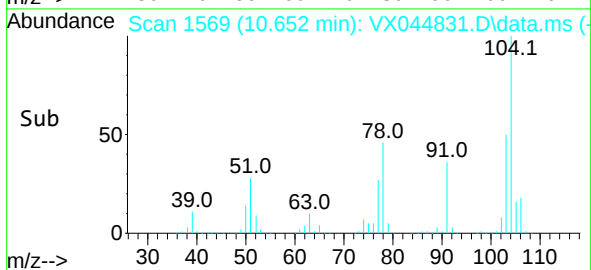
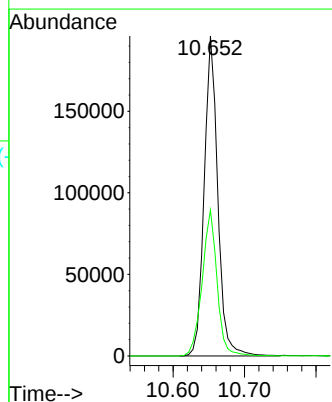
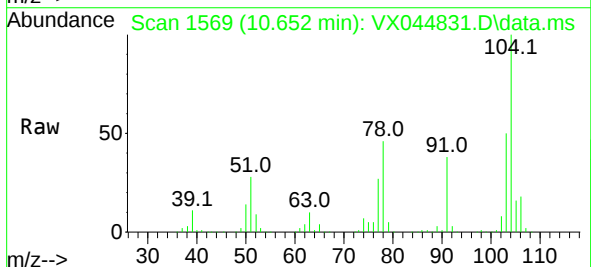
Instrument :
MSVOA_V
ClientSampleId :

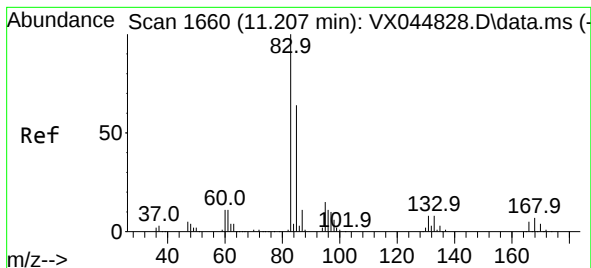
Tgt Ion:106 Resp: 156055
Ion Ratio Lower Upper
106 100
91 212.2 153.2 284.4



#55
Styrene
Concen: 56.151 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Tgt Ion:104 Resp: 258929
Ion Ratio Lower Upper
104 100
78 45.6 32.7 60.7

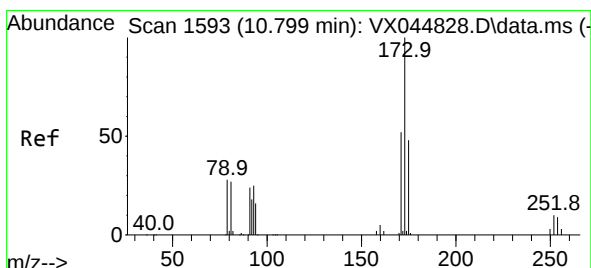
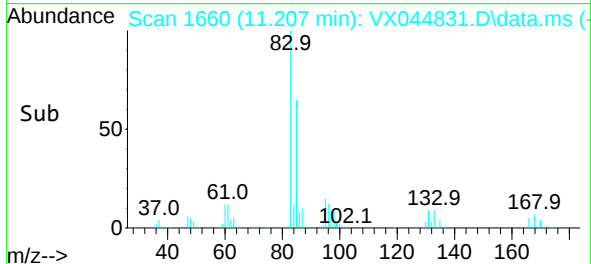
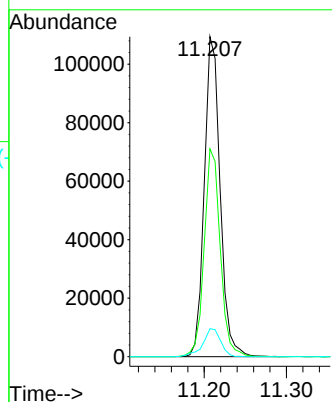
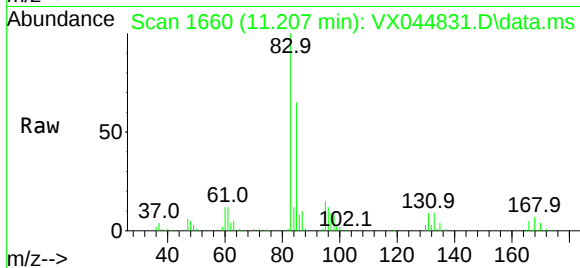




#57
1,1,2,2-Tetrachloroethane
Concen: 55.513 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

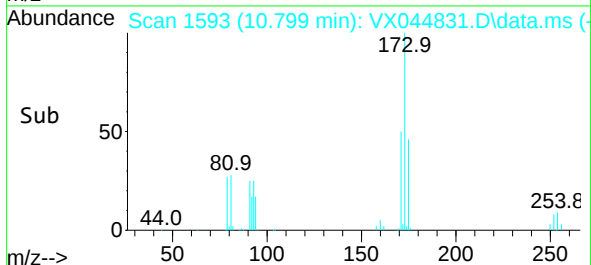
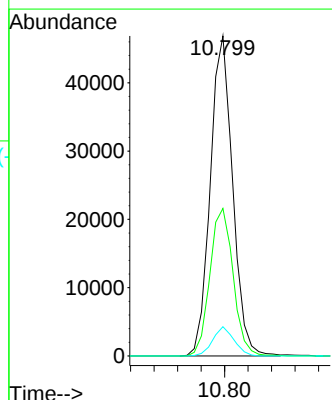
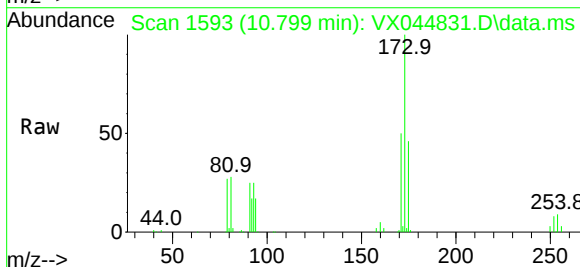
Instrument :
MSVOA_V
ClientSampleId :

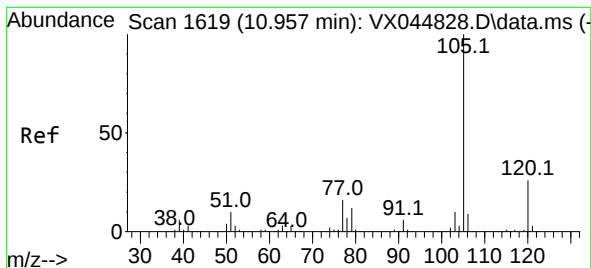
Tgt Ion: 83 Resp: 146406
Ion Ratio Lower Upper
83 100
85 65.0 44.9 83.5
131 8.8 8.0 12.0



#59
Bromoform
Concen: 52.542 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Tgt Ion: 173 Resp: 61921
Ion Ratio Lower Upper
173 100
175 47.9 38.6 58.0
254 8.7 6.6 10.0





#60

Isopropylbenzene

Concen: 56.761 ug/L

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

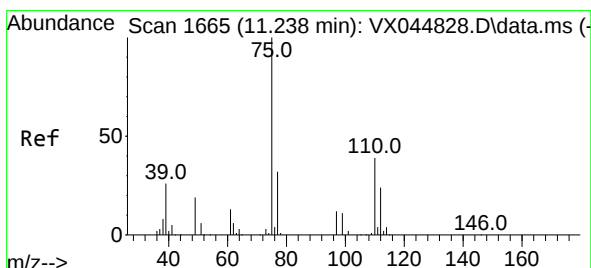
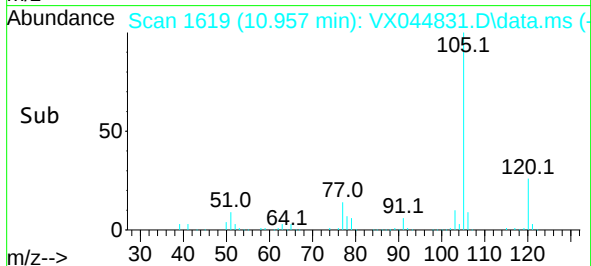
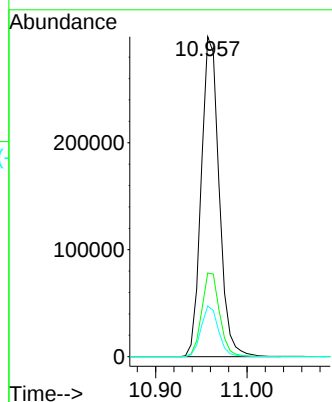
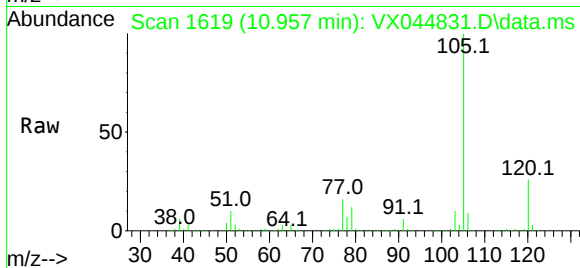
Tgt Ion:105 Resp: 406118

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 56.079 ug/L

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

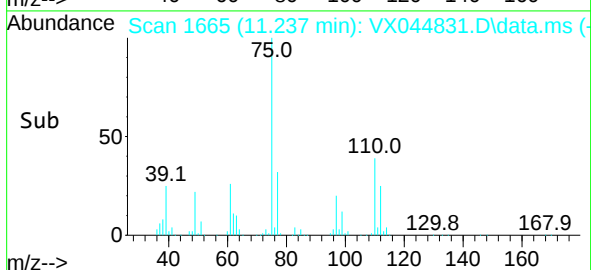
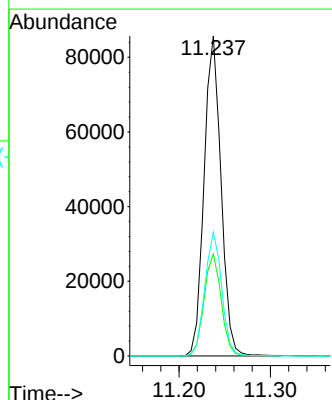
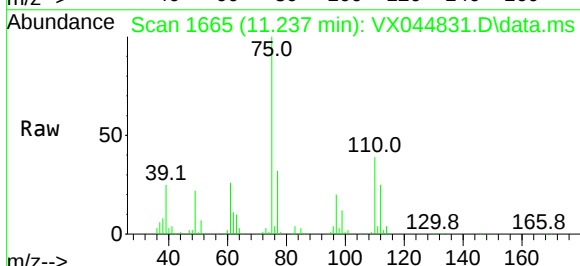
Tgt Ion: 75 Resp: 110302

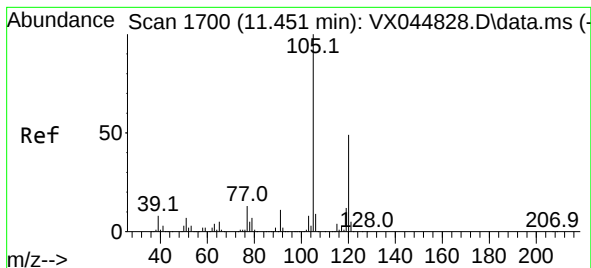
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 38.4 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 56.457 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

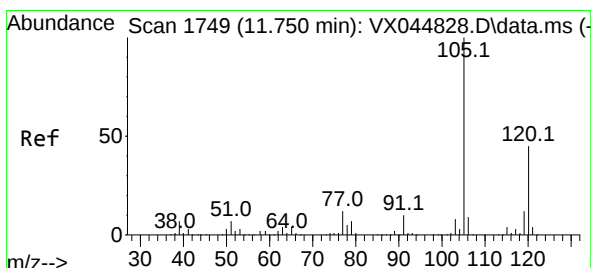
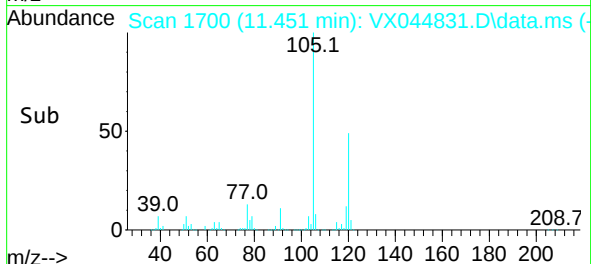
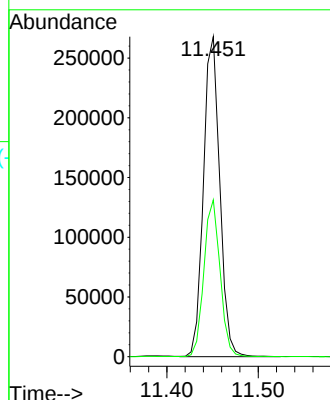
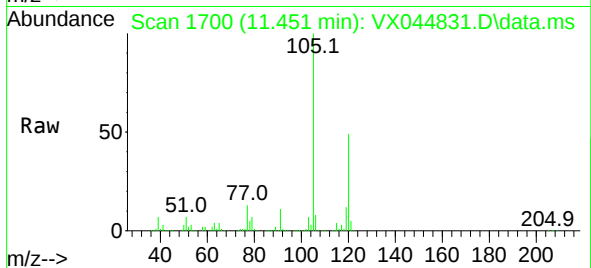
ClientSampleId :

Tgt Ion:105 Resp: 331380

Ion Ratio Lower Upper

105 100

120 48.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 55.892 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044831.D

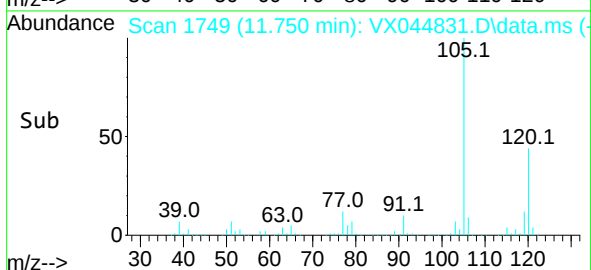
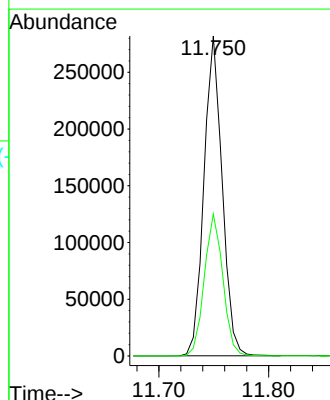
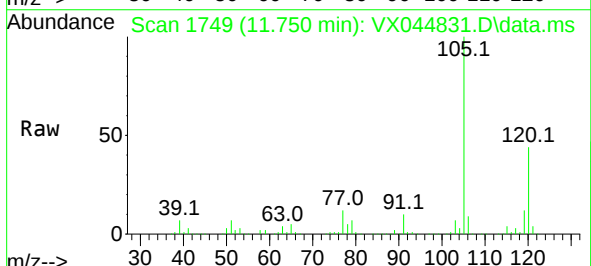
Acq: 04 Feb 2025 13:52

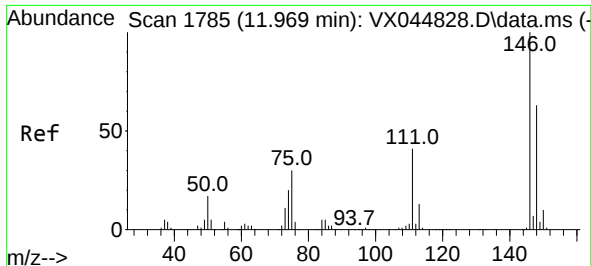
Tgt Ion:105 Resp: 324932

Ion Ratio Lower Upper

105 100

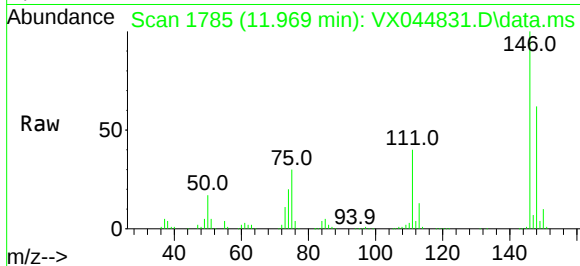
120 45.1 35.7 53.5



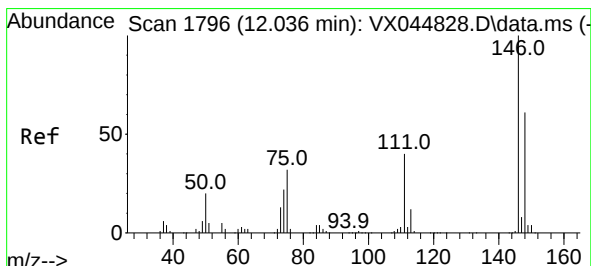
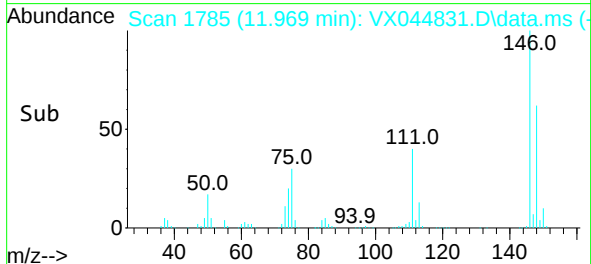
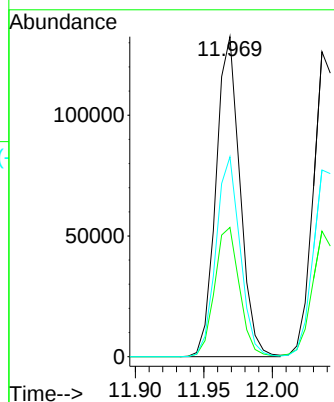


#64
1,3-Dichlorobenzene
Concen: 54.862 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :

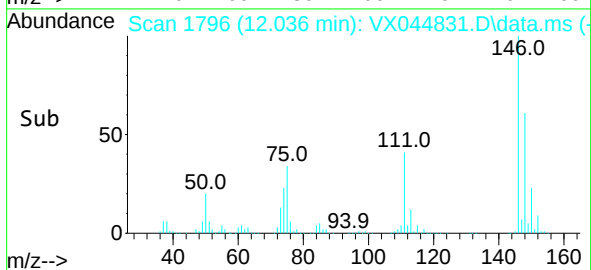
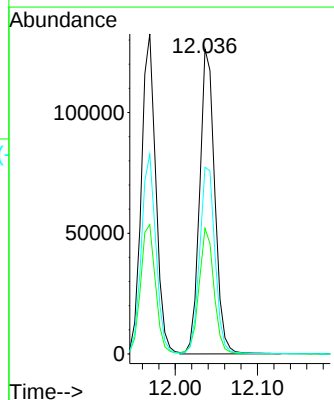
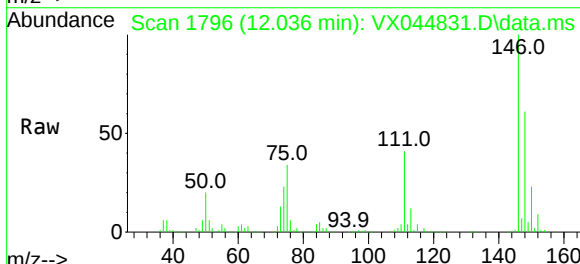


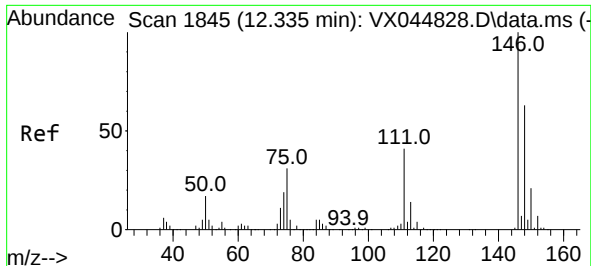
Tgt Ion:146 Resp: 161365
Ion Ratio Lower Upper
146 100
111 40.4 29.5 54.9
148 62.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 55.119 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX044831.D
Acq: 04 Feb 2025 13:52

Tgt Ion:146 Resp: 161373
Ion Ratio Lower Upper
146 100
111 41.2 29.7 55.1
148 61.2 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 56.066 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

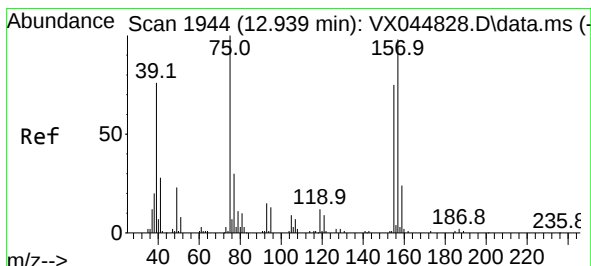
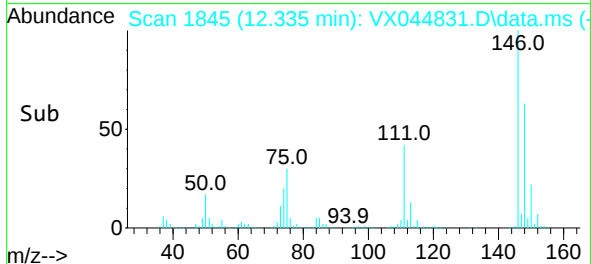
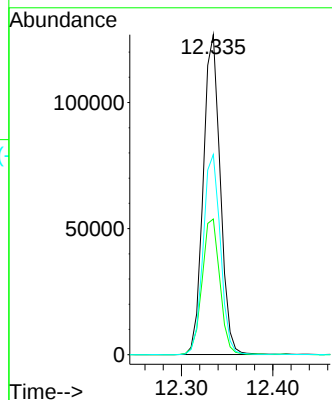
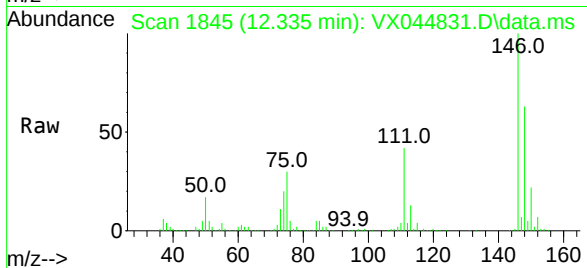
Tgt Ion:146 Resp: 163496

Ion Ratio Lower Upper

146 100

111 42.4 36.1 54.1

148 62.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 53.130 ug/L

RT: 12.938 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

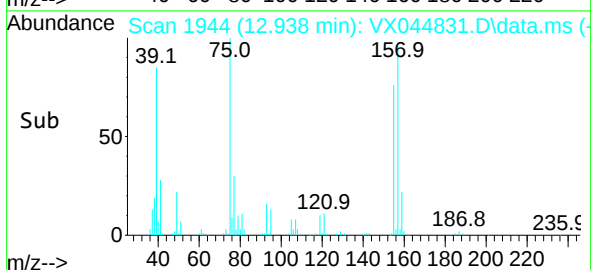
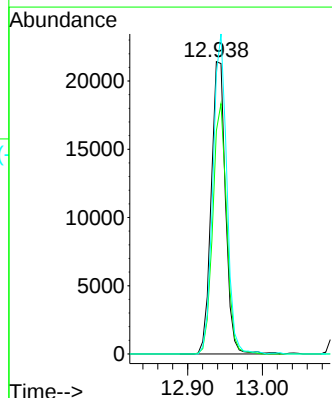
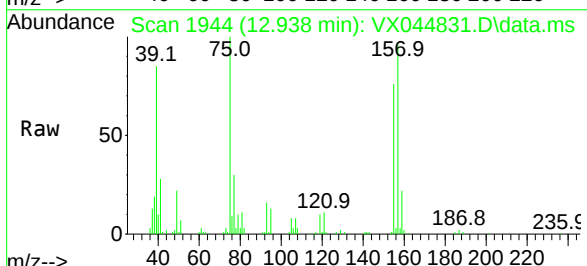
Tgt Ion: 75 Resp: 28474

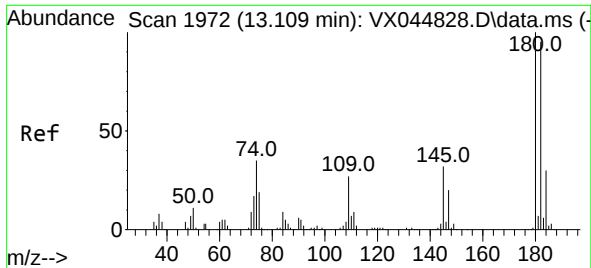
Ion Ratio Lower Upper

75 100

155 76.4 62.5 93.7

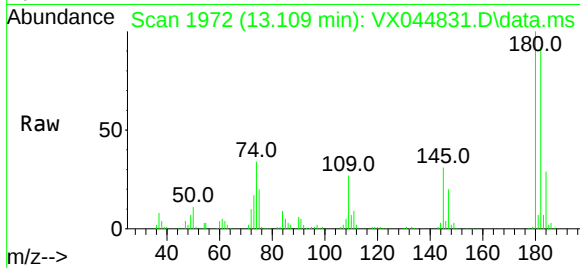
157 95.8 83.5 125.3



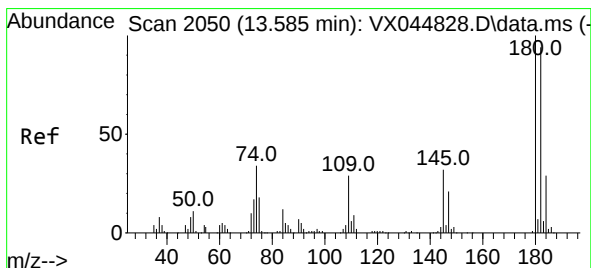
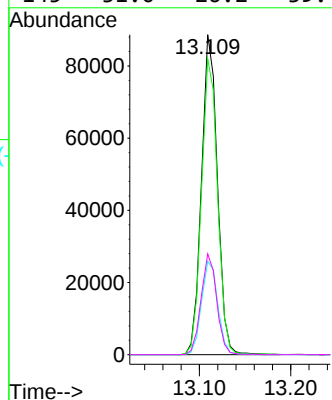
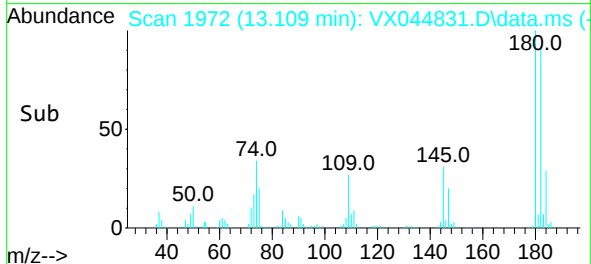


#69
 1,3,5-Trichlorobenzene
 Concen: 55.499 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX044831.D
 Acq: 04 Feb 2025 13:52

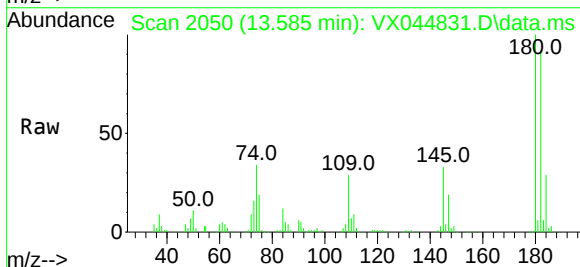
Instrument :
 MSVOA_V
 ClientSampleId :



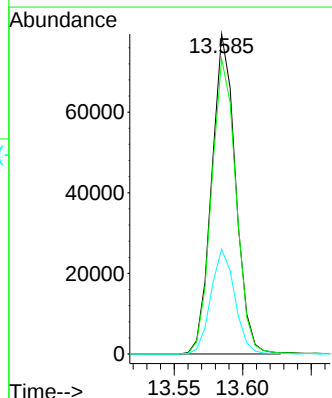
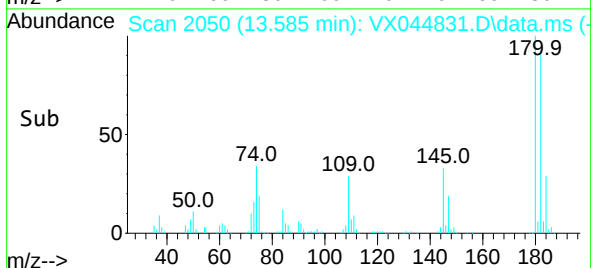
Tgt Ion:180 Resp: 106966
 Ion Ratio Lower Upper
 180 100
 182 93.3 77.0 115.6
 184 29.9 24.0 36.0
 145 31.0 26.2 39.4

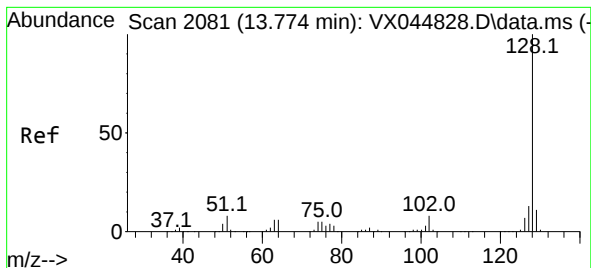


#70
 1,2,4-trichlorobenzene
 Concen: 55.259 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX044831.D
 Acq: 04 Feb 2025 13:52



Tgt Ion:180 Resp: 96017
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.5 114.7
 145 32.7 27.0 40.4





#71

Naphthalene

Concen: 56.087 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

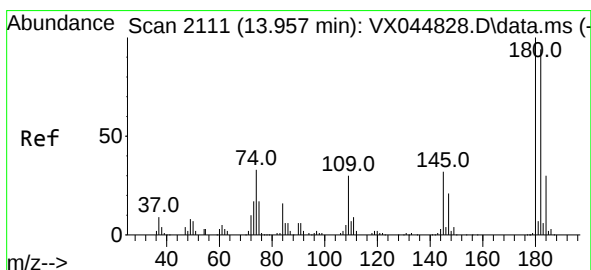
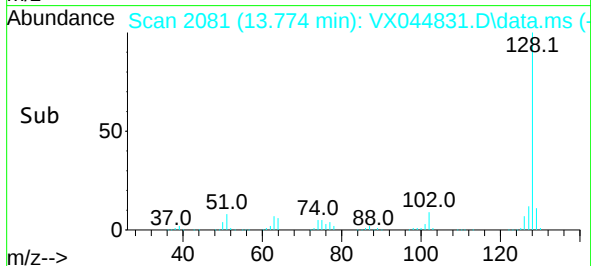
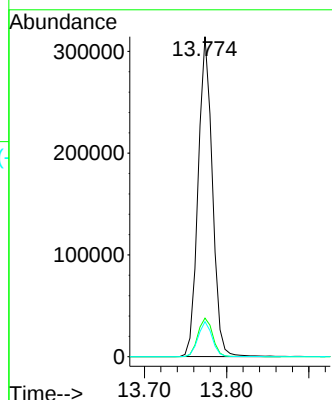
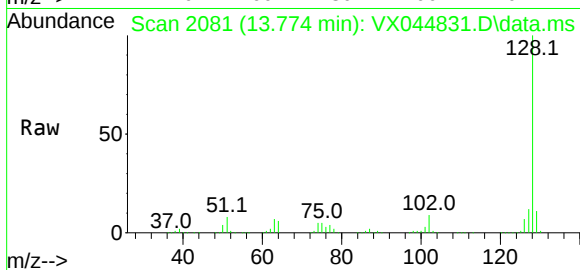
Tgt Ion:128 Resp: 377959

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: 56.155 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044831.D

Acq: 04 Feb 2025 13:52

Tgt Ion:180 Resp: 98941

Ion Ratio Lower Upper

180 100

182 92.8 77.1 115.7

145 34.8 28.3 42.5

