

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081723\
 Data File : VW031827.D
 Acq On : 17 Aug 2023 12:48
 Operator : SY/MD
 Sample : VSTD01069
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 01:58:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 01:55:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	216008	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	235999	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	140765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	137056	7.760	ug/L	0.00
7) Chloroethane-d5	1.532	69	148711	8.961	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	75455	8.081	ug/L	0.00
20) 2-Butanone-d5	3.812	46	529995	110.842	ug/L	0.00
24) Chloroform-d	4.252	84	390306	9.756	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	192817	9.414	ug/L	0.00
32) Benzene-d6	4.963	84	683384	10.161	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	224476	9.175	ug/L	0.00
41) Toluene-d8	7.246	98	666562	10.818	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	68773	8.909	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	400162	110.701	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	166319	9.034	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	249143	10.128	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	193813	8.509	ug/L	99
3) Chloromethane	1.217	50	197154	8.605	ug/L	96
5) Vinyl chloride	1.281	62	190840	8.606	ug/L	94
6) Bromomethane	1.487	94	118256	8.509	ug/L	97
8) Chloroethane	1.548	64	115952	8.784	ug/L	97
9) Trichlorofluoromethane	1.712	101	294973	9.048	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	163230	9.102	ug/L	98
12) 1,1-Dichloroethene	2.069	96	142377	8.755	ug/L	89
13) Acetone	2.143	43	242322	79.117	ug/L	99
14) Carbon disulfide	2.240	76	404366	8.087	ug/L	100
15) Methyl Acetate	2.388	43	74521	11.393	ug/L	95
16) Methylene chloride	2.449	84	159956	7.317	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	313945	10.224	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	135013	9.371	ug/L	97
19) 1,1-Dichloroethane	3.114	63	295236	9.501	ug/L	99
21) 2-Butanone	3.895	43	406391	102.983	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	147276	10.258	ug/L	93
23) Bromochloromethane	4.153	128	72340	10.012	ug/L	94
25) Chloroform	4.281	83	312533	10.122	ug/L	100
27) 1,2-Dichloroethane	5.047	62	179861	9.297	ug/L #	75
29) 1,1,1-Trichloroethane	4.519	97	266921	9.457	ug/L	98
30) Cyclohexane	4.587	56	195835	9.737	ug/L	99
31) Carbon tetrachloride	4.741	117	233390	9.234	ug/L	98
33) Benzene	5.014	78	587583	9.799	ug/L	100
34) Trichloroethene	5.838	95	156998	9.229	ug/L	87
35) Methylcyclohexane	6.056	83	200680	9.678	ug/L	97
37) 1,2-Dichloropropane	6.098	63	146811	8.579	ug/L	99
38) Bromodichloromethane	6.439	83	195683	8.687	ug/L #	96
39) cis-1,3-Dichloropropene	6.960	75	209892	9.941	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	949341	104.869	ug/L	98
42) Toluene	7.320	91	609378	10.668	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	175923	9.379	ug/L	100

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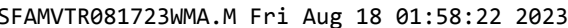
Quant Time: Aug 18 01:58:14 2023
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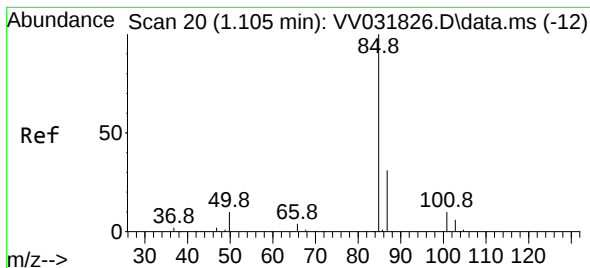
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	117950	9.239	ug/L	97
47) Tetrachloroethene	7.908	164	118201	9.950	ug/L	92
48) 2-Hexanone	8.082	43	735321	110.221	ug/L	98
49) Dibromochloromethane	8.181	129	142001	10.277	ug/L	99
50) 1,2-Dibromoethane	8.288	107	113683	9.477	ug/L	98
51) Chlorobenzene	8.818	112	384874	10.050	ug/L	95
52) Ethylbenzene	8.953	91	613861	10.605	ug/L	99
53) m,p-Xylene	9.079	106	238777	11.387	ug/L	95
54) o-Xylene	9.484	106	223742	11.315	ug/L	98
55) Styrene	9.500	104	425754	11.510	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	120764	8.994	ug/L	96
59) Bromoform	9.670	173	75550	8.237	ug/L	99
60) Isopropylbenzene	9.873	105	571342	9.279	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	105171	8.603	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	488859	9.847	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	504782	10.182	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	328770	9.766	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	340001	9.622	ug/L	96
67) 1,2-Dichlorobenzene	11.583	146	310392	9.704	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	21692	8.932	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	240829	9.734	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	193260	9.953	ug/L	99
71) Naphthalene	13.445	128	275979	8.945	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	183995	10.279	ug/L	99

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

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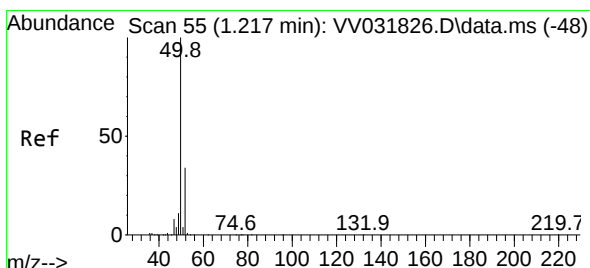
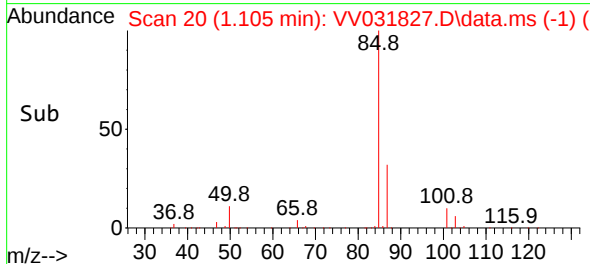
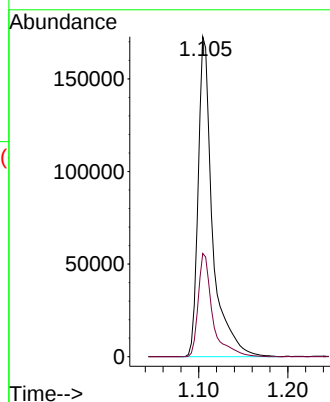
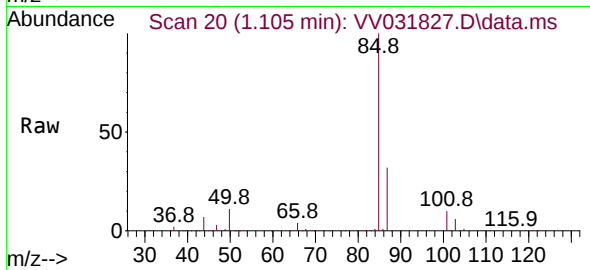




#2
 Dichlorodifluoromethane
 Concen: 8.509 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV031827.D
 Acq: 17 Aug 2023 12:48

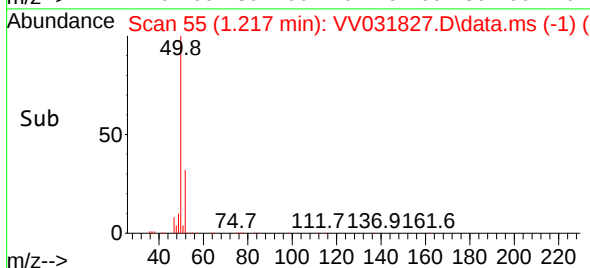
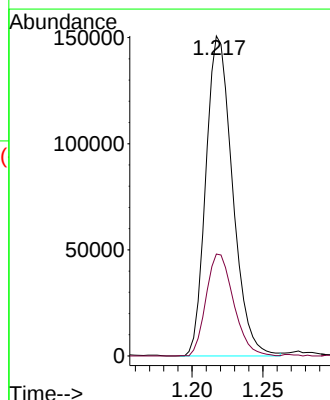
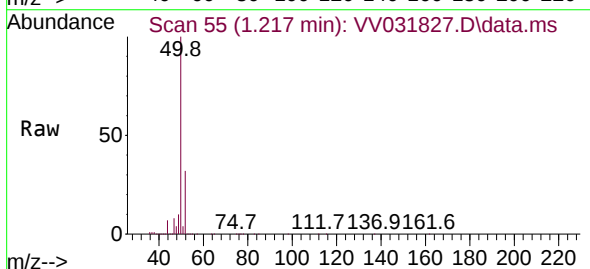
Instrument :
 MSVOA_V
 ClientSampleId :

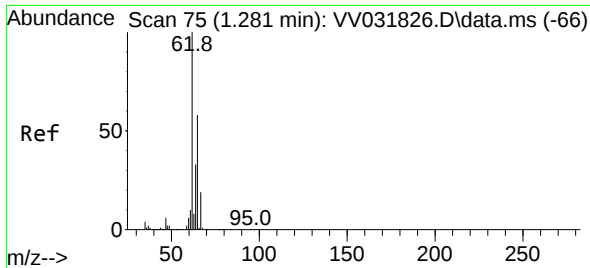
Tgt Ion: 85 Resp: 193813
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.5 38.3



#3
 Chloromethane
 Concen: 8.605 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031827.D
 Acq: 17 Aug 2023 12:48

Tgt Ion: 50 Resp: 197154
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.8 44.2

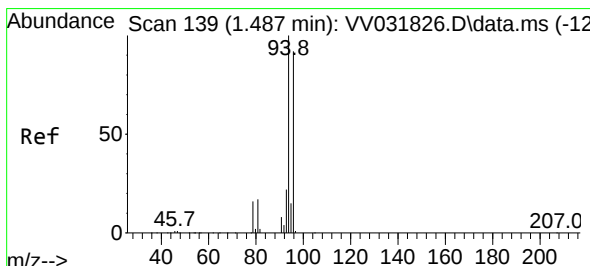
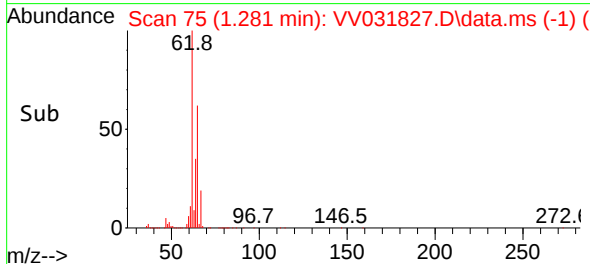
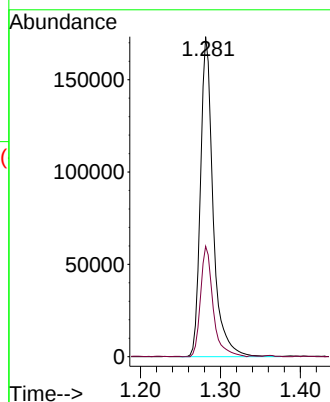
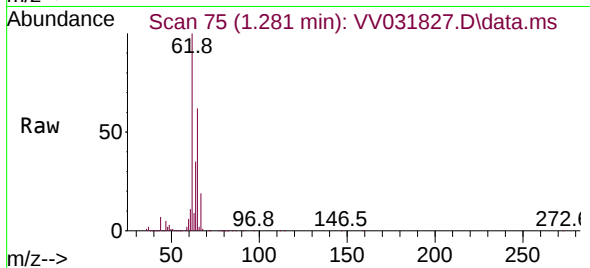




#5
 Vinyl chloride
 Concen: 8.606 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV031827.D
 Acq: 17 Aug 2023 12:48

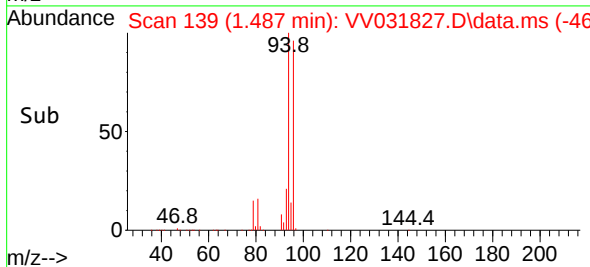
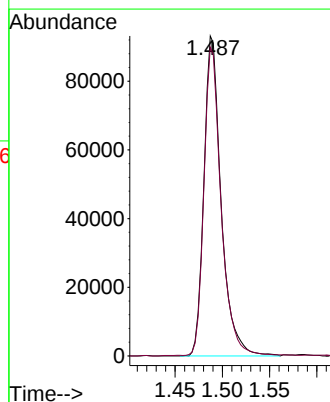
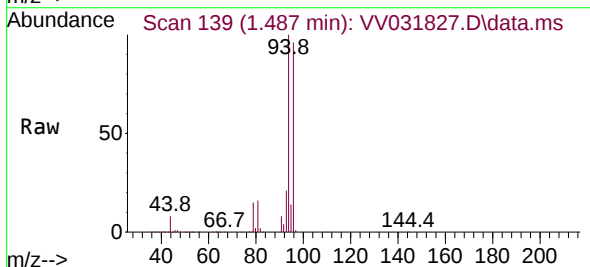
Instrument :
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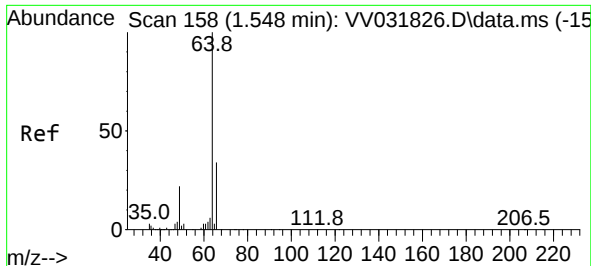
Tgt Ion: 62 Resp: 190840
 Ion Ratio Lower Upper
 62 100
 64 96.2 63.5 117.9



#6
 Bromomethane
 Concen: 8.509 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV031827.D
 Acq: 17 Aug 2023 12:48

Tgt Ion: 94 Resp: 118256
 Ion Ratio Lower Upper
 94 100
 96 96.5 65.3 121.3

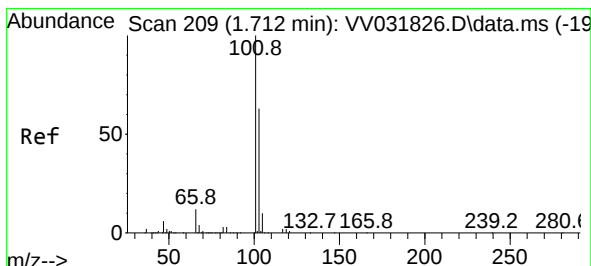
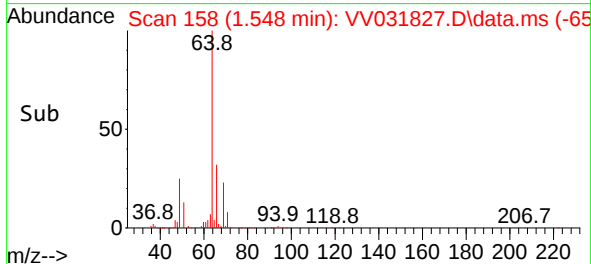
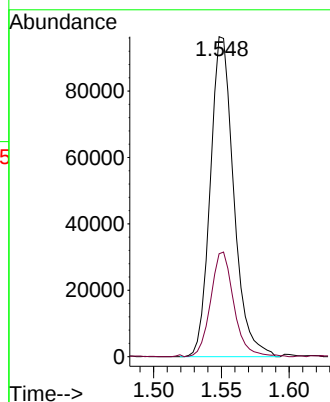
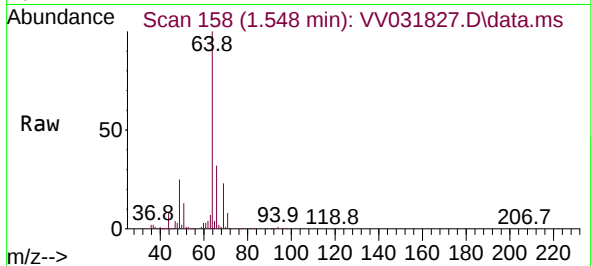




#8
Chloroethane
Concen: 8.784 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

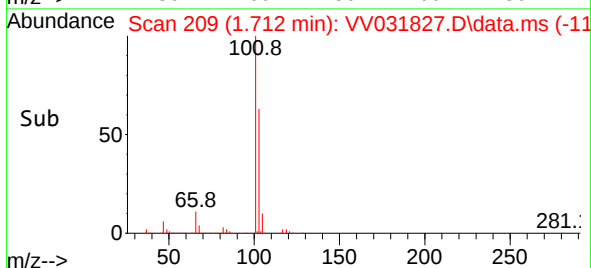
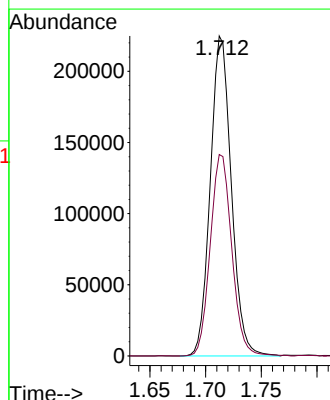
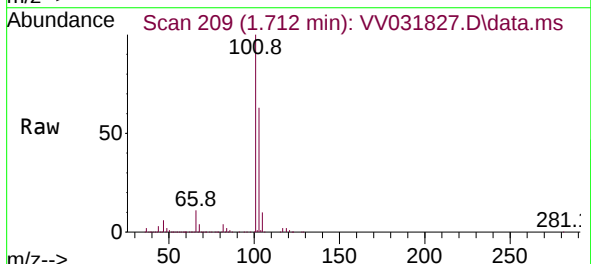
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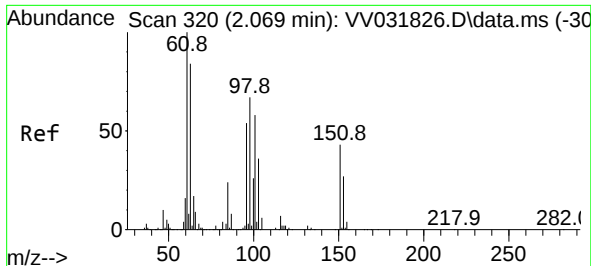
Tgt Ion: 64 Resp: 115952
Ion Ratio Lower Upper
64 100
66 30.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 9.048 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

Tgt Ion:101 Resp: 294973
Ion Ratio Lower Upper
101 100
103 64.4 52.1 78.1





#10

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

Concen: 9.102 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

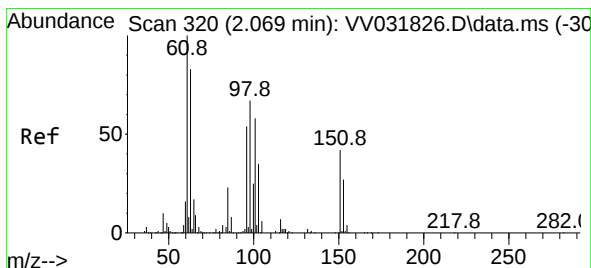
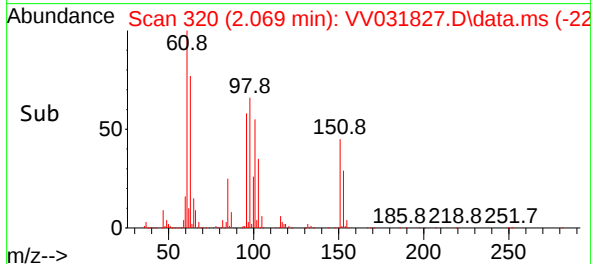
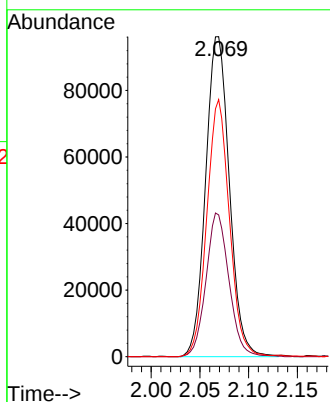
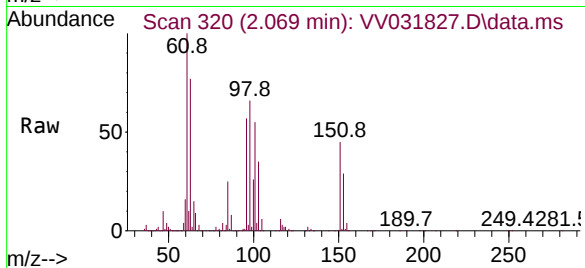
Tgt Ion:101 Resp: 163230

Ion Ratio Lower Upper

101 100

85 43.4 33.3 49.9

151 76.4 60.2 90.4



#12

1,1-Dichloroethene

Concen: 8.755 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

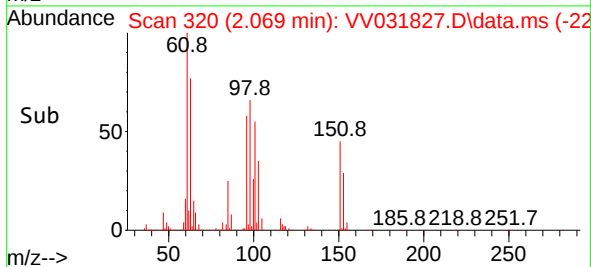
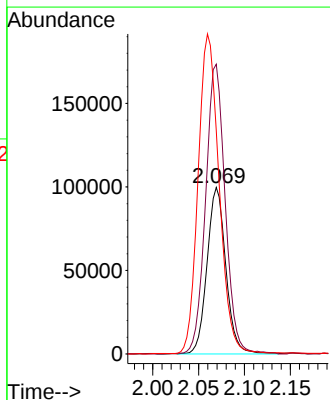
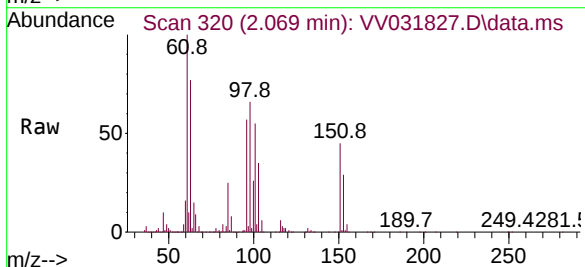
Tgt Ion: 96 Resp: 142377

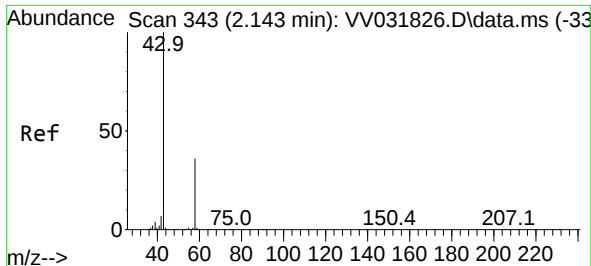
Ion Ratio Lower Upper

96 100

61 174.0 129.0 239.6

63 134.0 108.7 201.9





#13

Acetone

Concen: 79.117 ug/L

RT: 2.143 min Scan# 343

Delta R.T. 0.000 min

Lab File: VV031827.D

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Instrument :

MSVOA_V

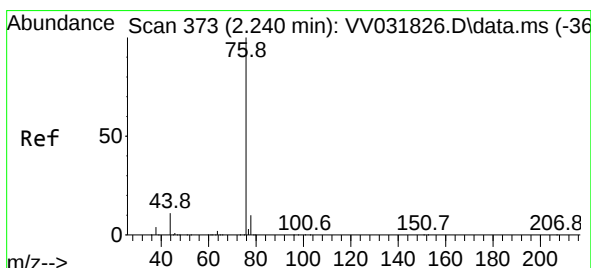
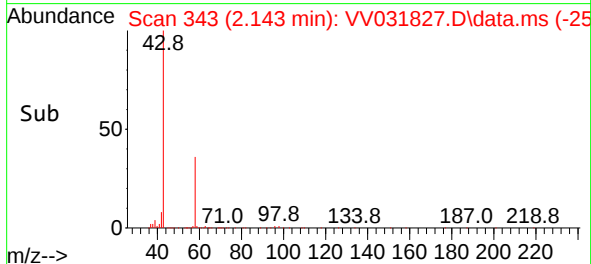
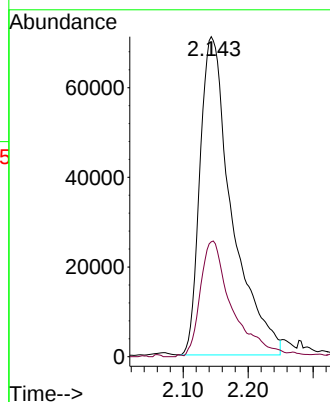
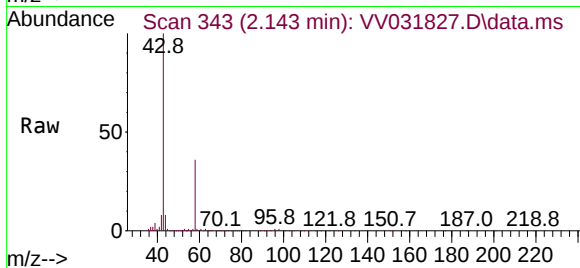
ClientSampleId :

Tgt Ion: 43 Resp: 242322

Ion Ratio Lower Upper

43 100

58 35.3 0.0 69.0



#14

Carbon disulfide

Concen: 8.087 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV031827.D

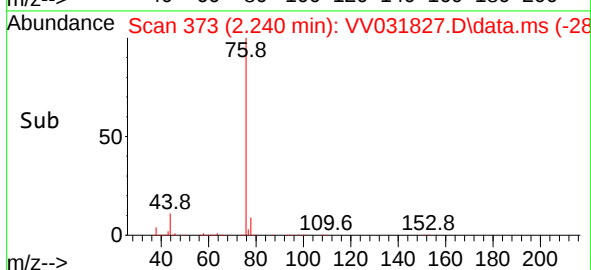
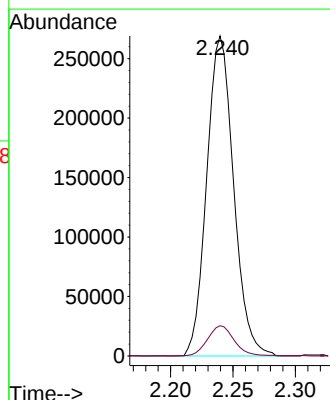
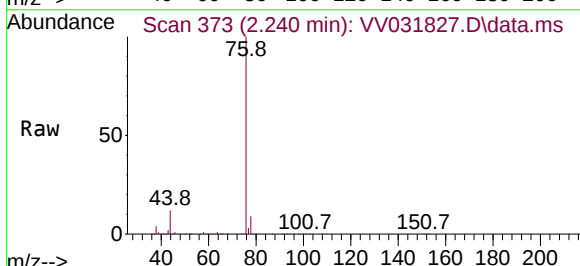
Acq: 17 Aug 2023 12:48

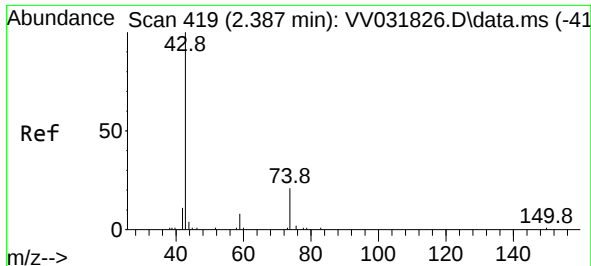
Tgt Ion: 76 Resp: 404366

Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5

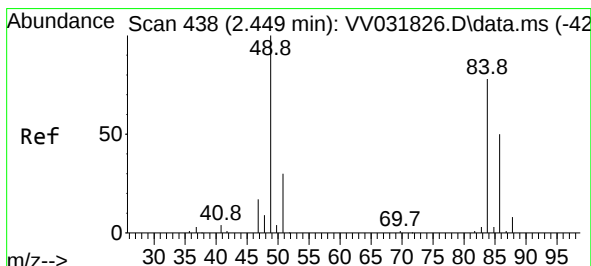
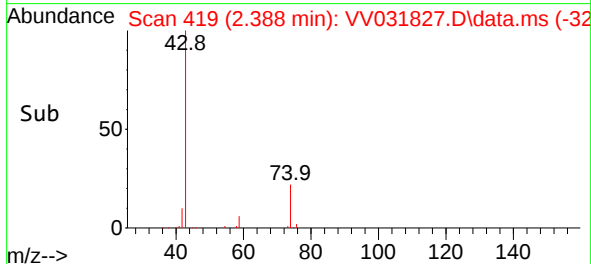
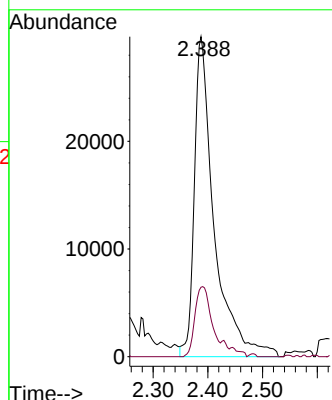
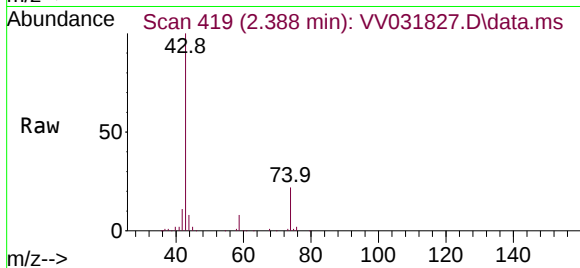




#15
Methyl Acetate
Concen: 11.393 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

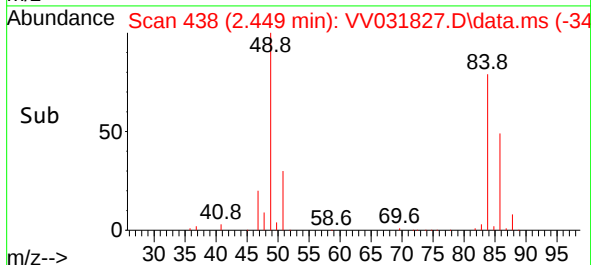
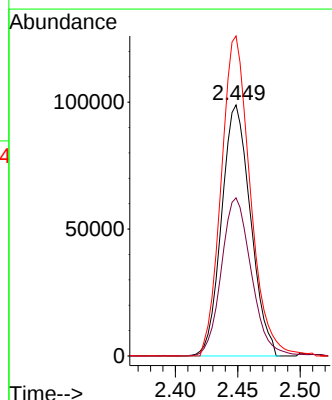
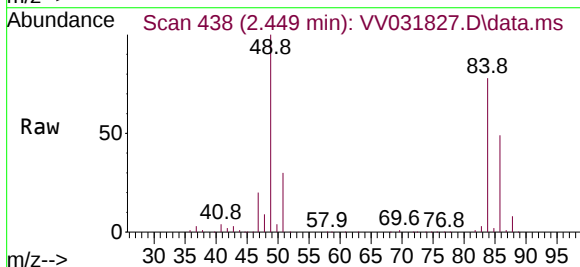
Instrument :
MSVOA_V
ClientSampleId :

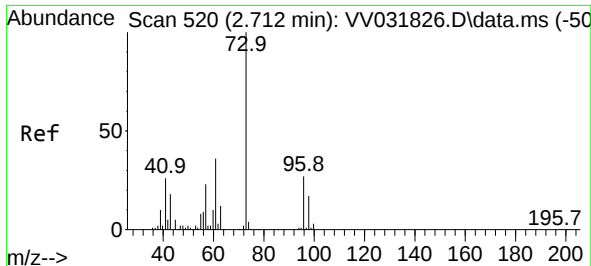
Tgt Ion: 43 Resp: 74521
Ion Ratio Lower Upper
43 100
74 18.1 16.2 24.2



#16
Methylene chloride
Concen: 7.317 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

Tgt Ion: 84 Resp: 159956
Ion Ratio Lower Upper
84 100
86 63.0 44.5 82.7
49 132.7 93.0 172.6





#17

Methyl tert-butyl Ether

Concen: 10.224 ug/L

RT: 2.712 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

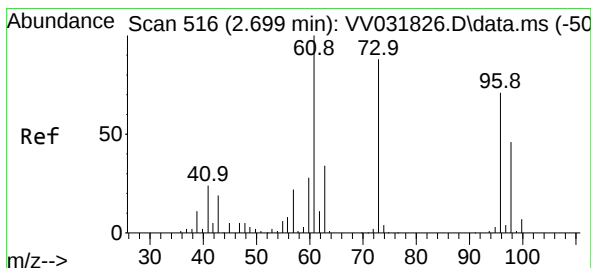
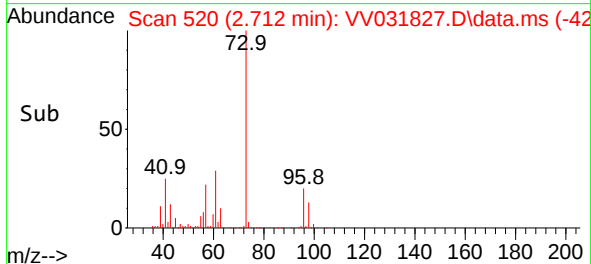
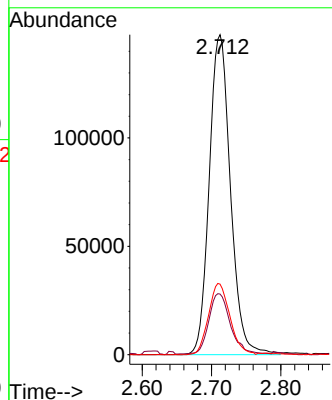
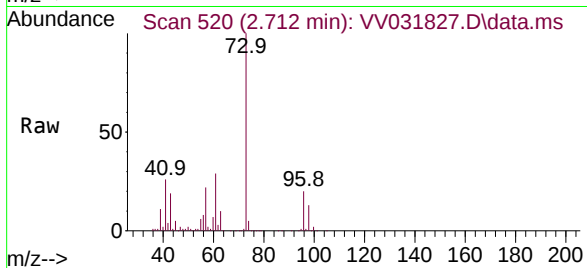
Tgt Ion: 73 Resp: 313945

Ion Ratio Lower Upper

73 100

43 19.9 16.9 25.3

57 22.4 19.7 29.5



#18

trans-1,2-Dichloroethene

Concen: 9.371 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

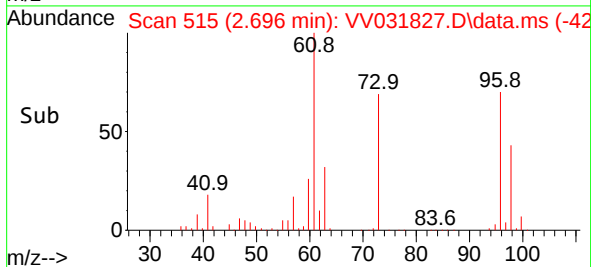
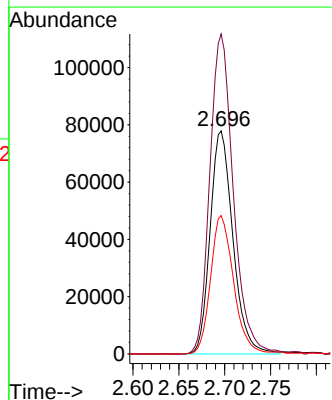
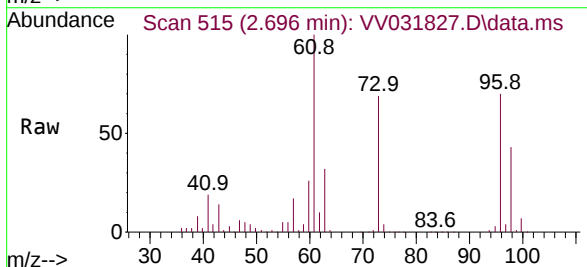
Tgt Ion: 96 Resp: 135013

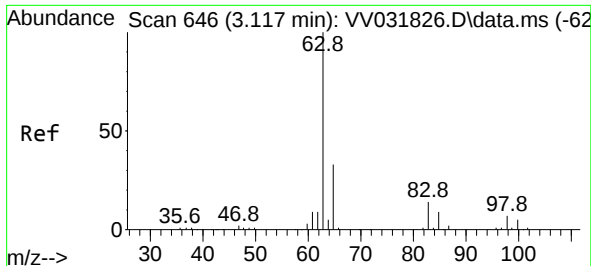
Ion Ratio Lower Upper

96 100

61 143.5 98.8 183.4

98 62.0 45.8 85.2





#19

1,1-Dichloroethane

Concen: 9.501 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

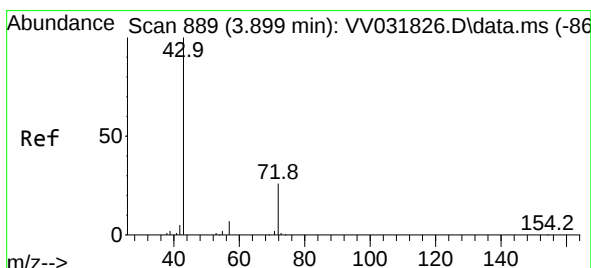
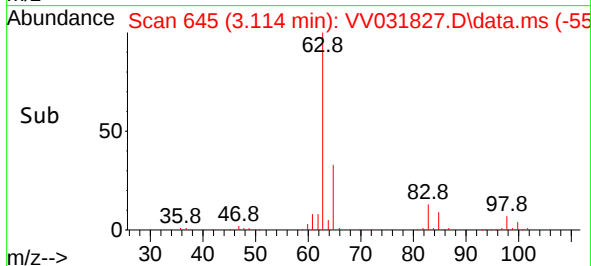
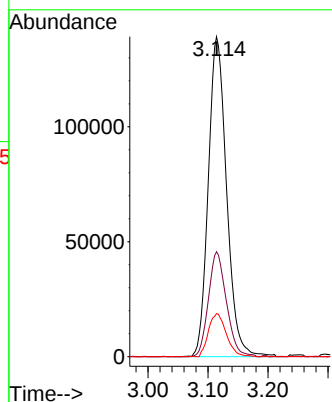
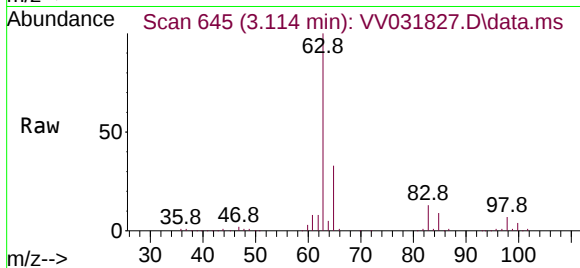
Tgt Ion: 63 Resp: 295236

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.5

83 12.8 9.4 17.6



#21

2-Butanone

Concen: 102.983 ug/L

RT: 3.895 min Scan# 888

Delta R.T. -0.003 min

Lab File: VV031827.D

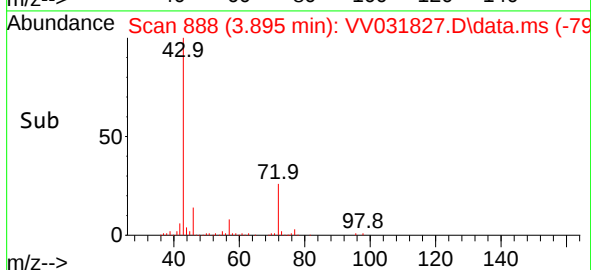
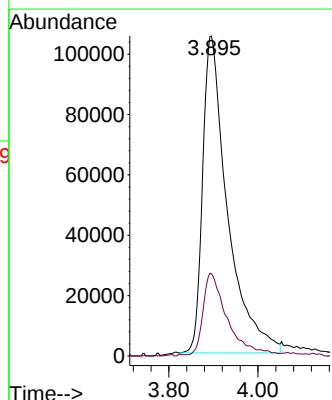
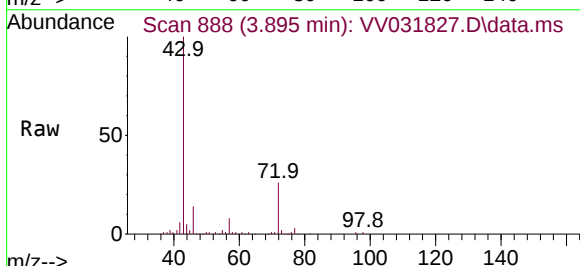
Acq: 17 Aug 2023 12:48

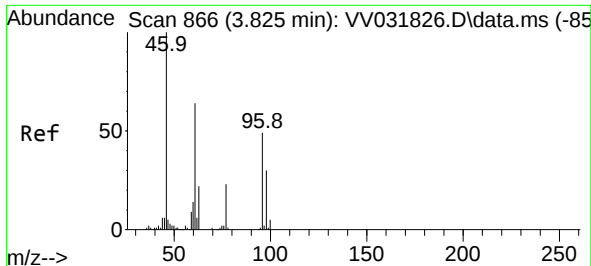
Tgt Ion: 43 Resp: 406391

Ion Ratio Lower Upper

43 100

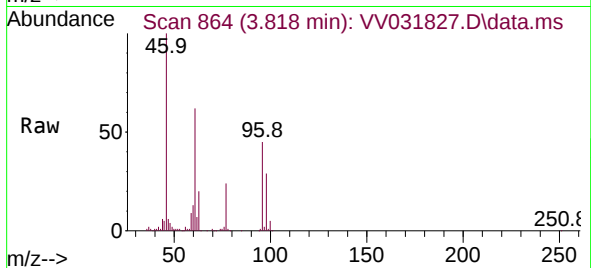
72 23.6 13.5 40.4



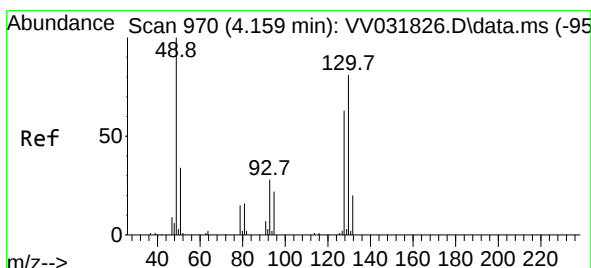
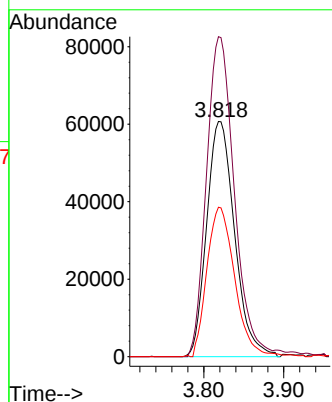
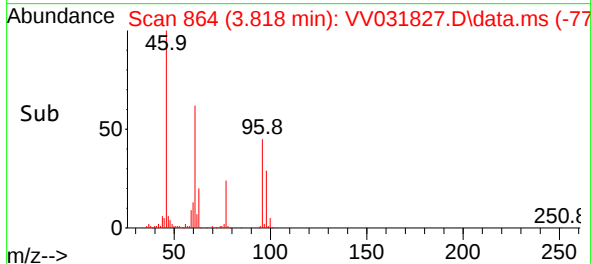


#22
cis-1,2-Dichloroethene
Concen: 10.258 ug/L
RT: 3.818 min Scan# 80
Delta R.T. -0.006 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

Instrument :
MSVOA_V
ClientSampleId :

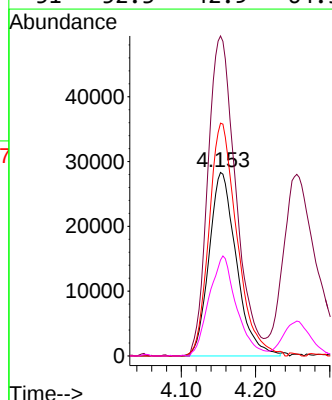
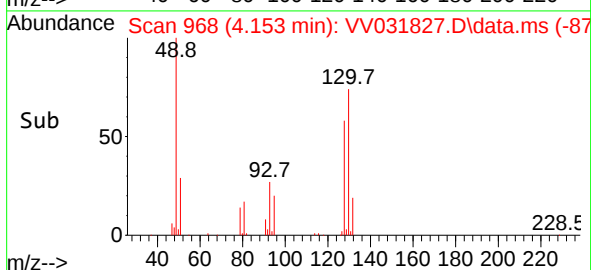
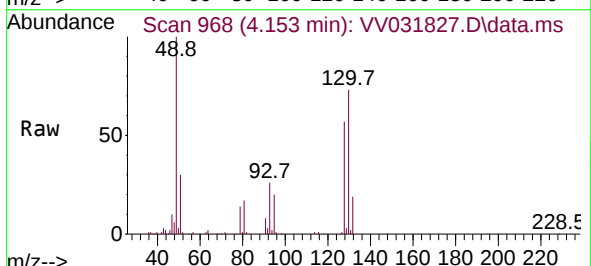


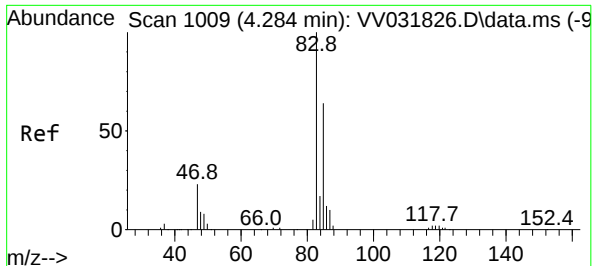
Tgt Ion: 96 Resp: 147276
Ion Ratio Lower Upper
96 100
61 136.0 88.8 165.0
98 63.6 42.1 78.3



#23
Bromochloromethane
Concen: 10.012 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.006 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

Tgt Ion: 128 Resp: 72340
Ion Ratio Lower Upper
128 100
49 180.2 115.7 214.9
130 126.8 90.7 168.5
51 52.3 42.9 64.3

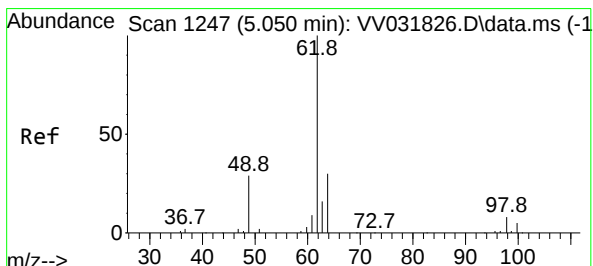
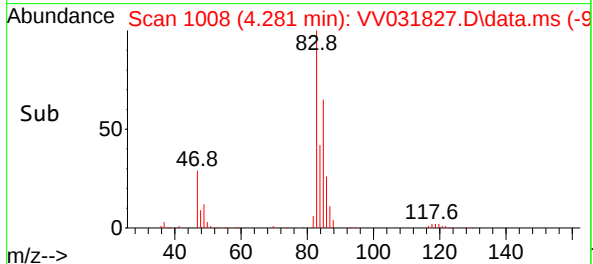
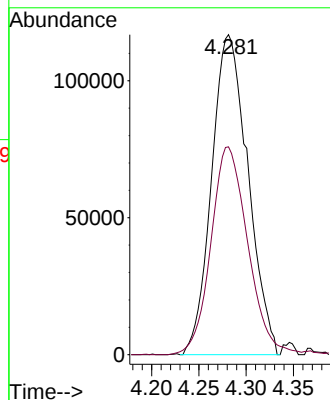
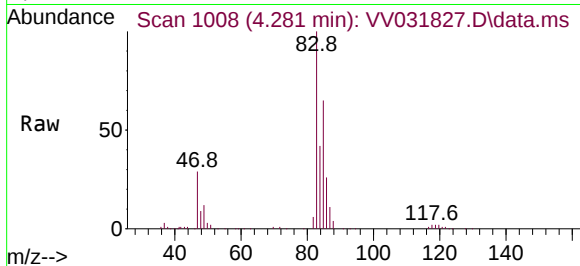




#25
Chloroform
Concen: 10.122 ug/L
RT: 4.281 min Scan# 1009
Delta R.T. -0.003 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

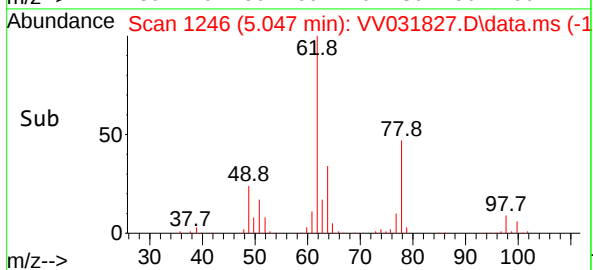
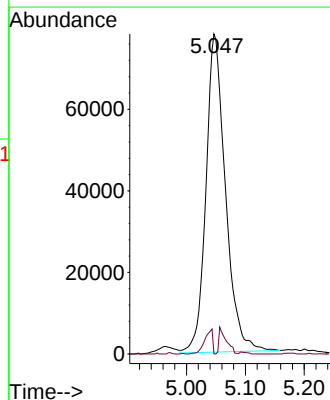
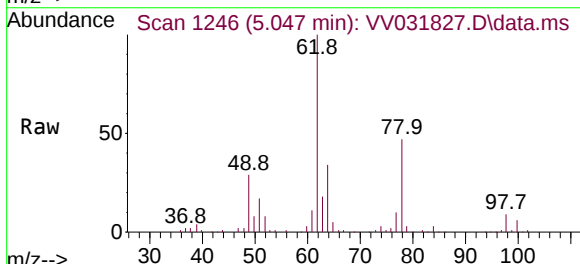
Instrument :
MSVOA_V
ClientSampleId :

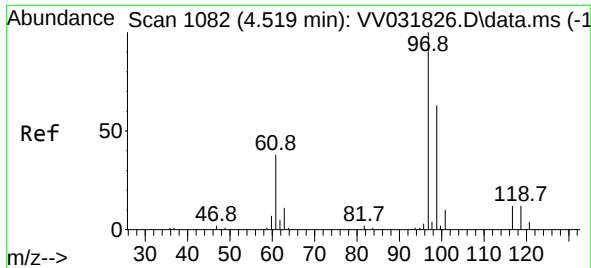
Tgt Ion: 83 Resp: 312533
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 9.297 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

Tgt Ion: 62 Resp: 179861
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#





#29

1,1,1-Trichloroethane

Concen: 9.457 ug/L

RT: 4.519 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

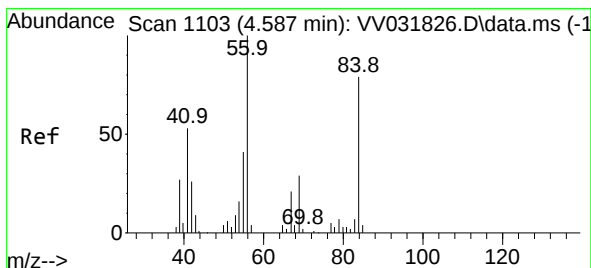
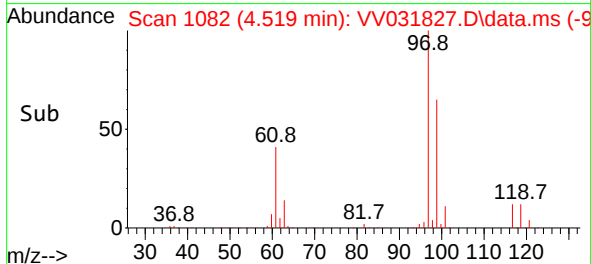
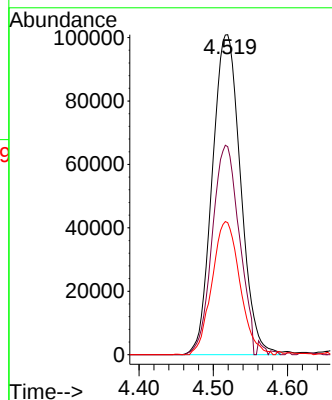
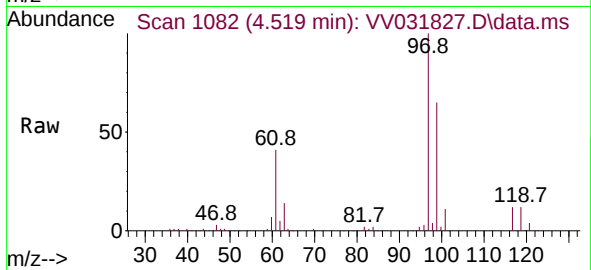
Tgt Ion: 97 Resp: 266921

Ion Ratio Lower Upper

97 100

99 62.5 50.4 75.6

61 41.2 30.6 46.0



#30

Cyclohexane

Concen: 9.737 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

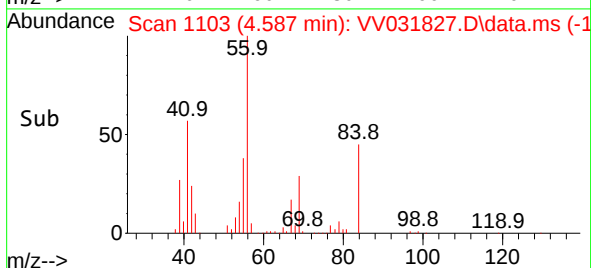
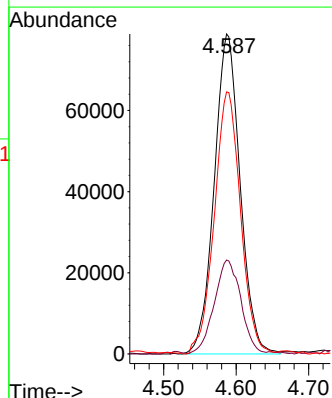
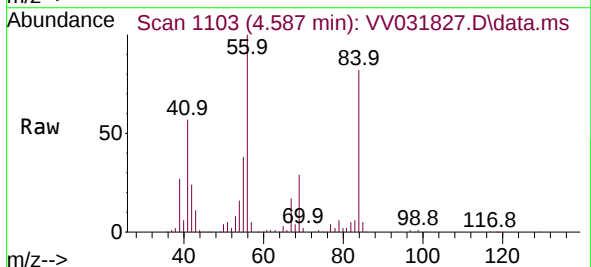
Tgt Ion: 56 Resp: 195835

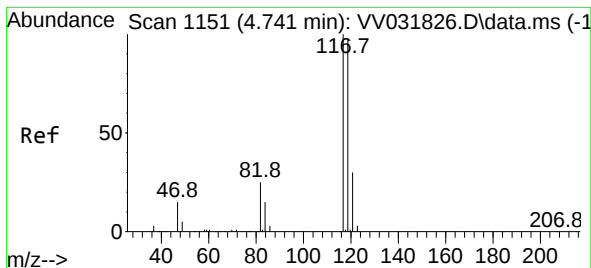
Ion Ratio Lower Upper

56 100

69 29.9 21.9 32.9

84 83.0 66.2 99.2





#31

Carbon tetrachloride

Concen: 9.234 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

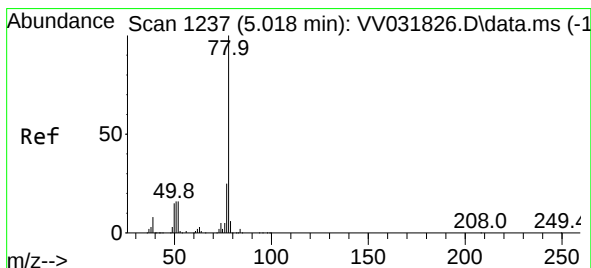
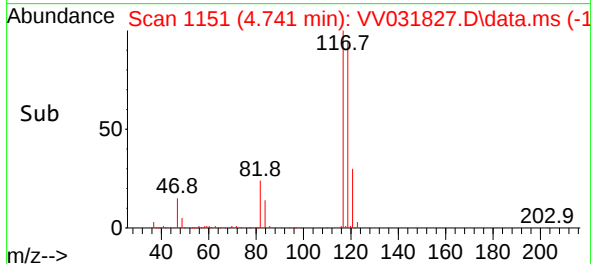
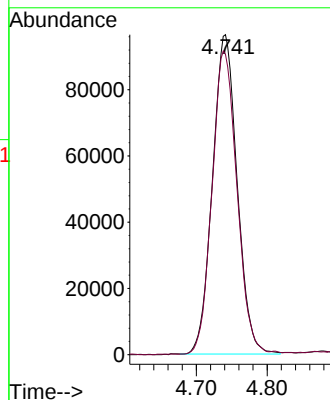
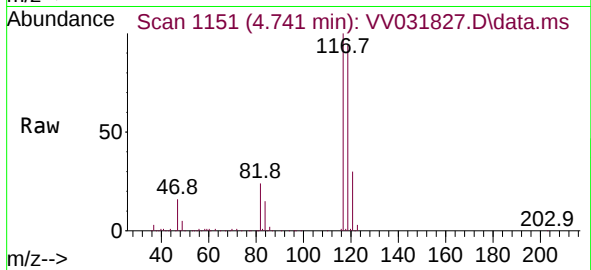
ClientSampleId :

Tgt Ion:117 Resp: 233390

Ion Ratio Lower Upper

117 100

119 95.6 77.9 116.9



#33

Benzene

Concen: 9.799 ug/L

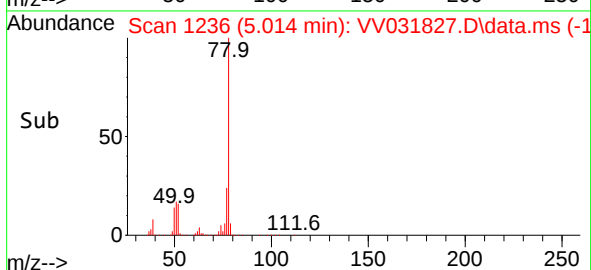
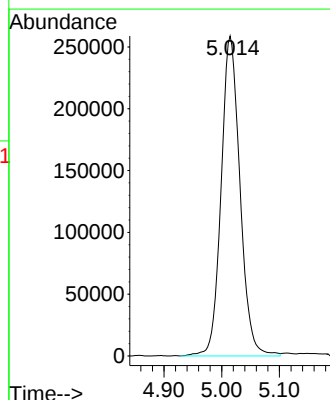
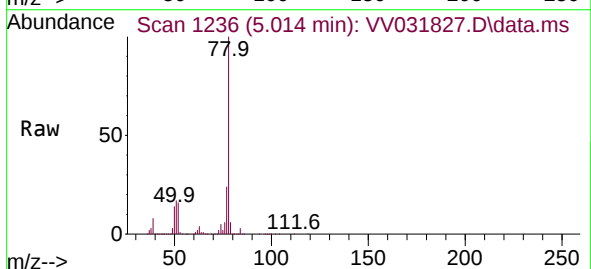
RT: 5.014 min Scan# 1236

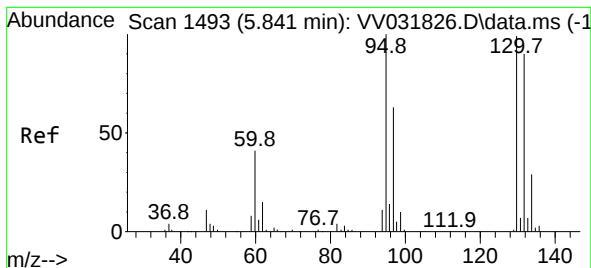
Delta R.T. -0.003 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Tgt Ion: 78 Resp: 587583





#34

Trichloroethene

Concen: 9.229 ug/L

RT: 5.838 min Scan# 14

Delta R.T. -0.003 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 156998

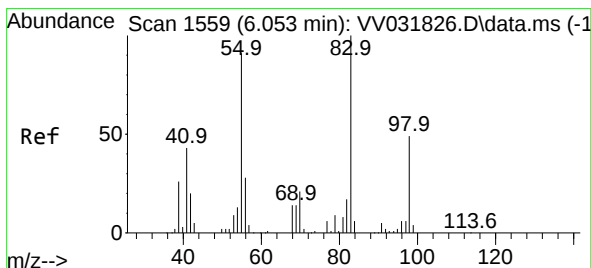
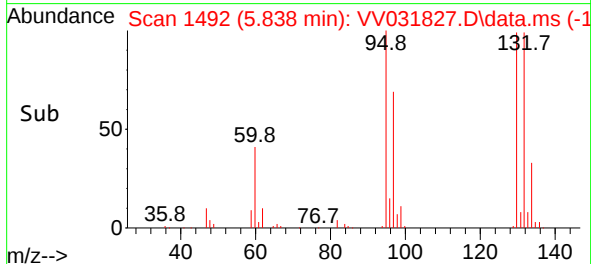
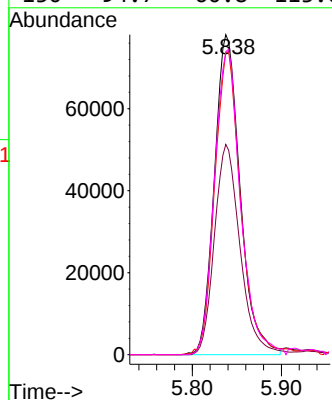
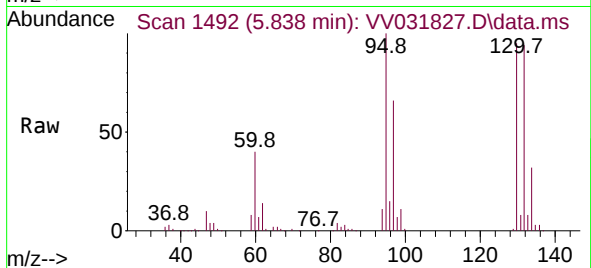
Ion Ratio Lower Upper

95 100

97 65.7 39.0 72.4

132 94.5 55.4 103.0

130 94.7 60.8 113.0



#35

Methylcyclohexane

Concen: 9.678 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. 0.003 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

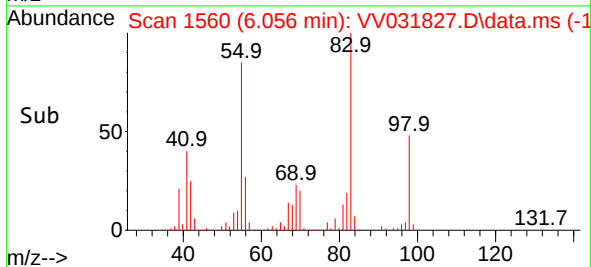
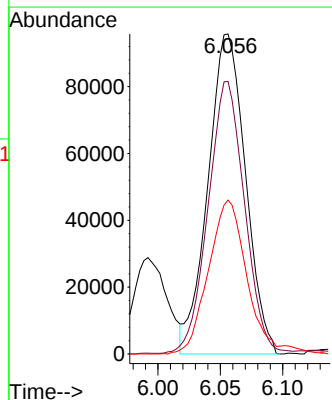
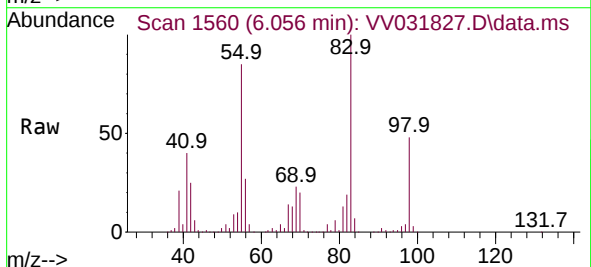
Tgt Ion: 83 Resp: 200680

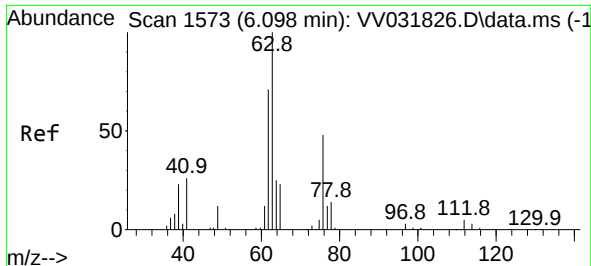
Ion Ratio Lower Upper

83 100

55 82.3 69.1 103.7

98 48.4 38.5 57.7





#37

1,2-Dichloropropane

Concen: 8.579 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

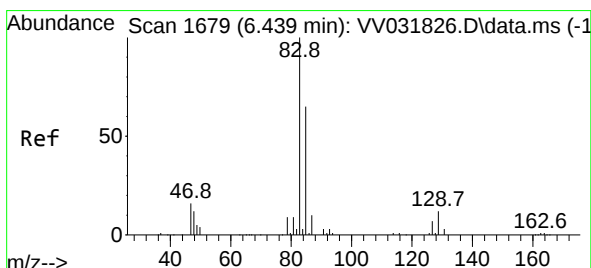
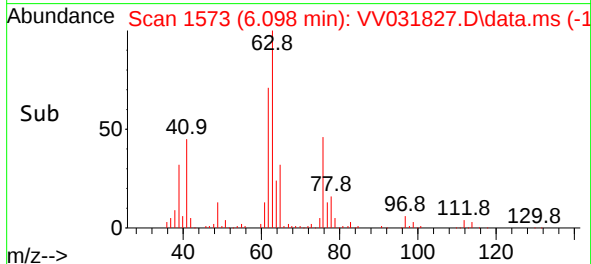
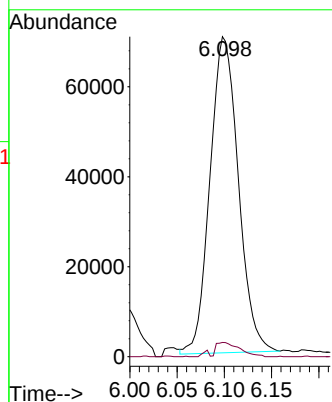
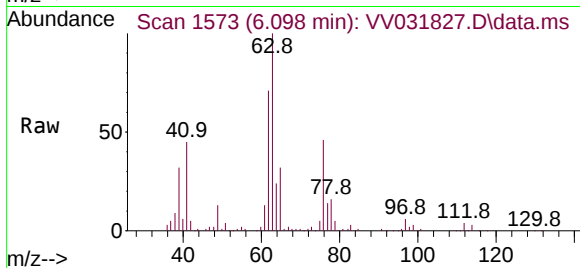
ClientSampleId :

Tgt Ion: 63 Resp: 146811

Ion Ratio Lower Upper

63 100

112 3.7 3.4 5.0



#38

Bromodichloromethane

Concen: 8.687 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

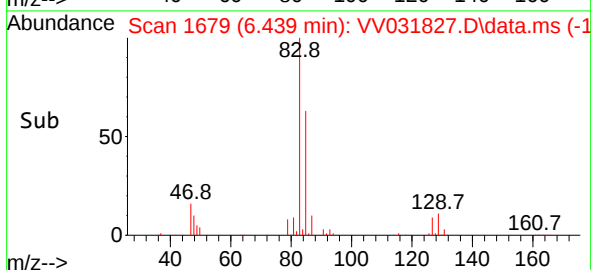
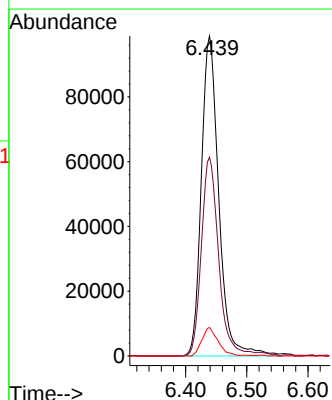
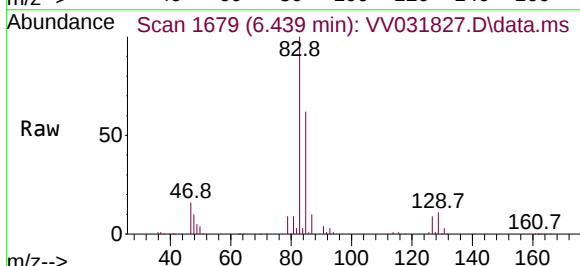
Tgt Ion: 83 Resp: 195683

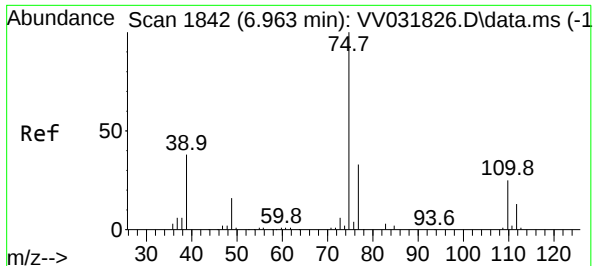
Ion Ratio Lower Upper

83 100

85 62.1 45.4 84.2

127 8.9 5.9 8.9#





#39

cis-1,3-Dichloropropene

Concen: 9.941 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

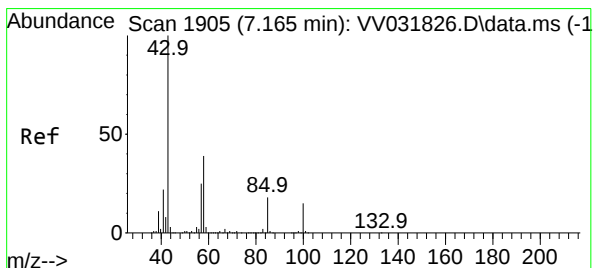
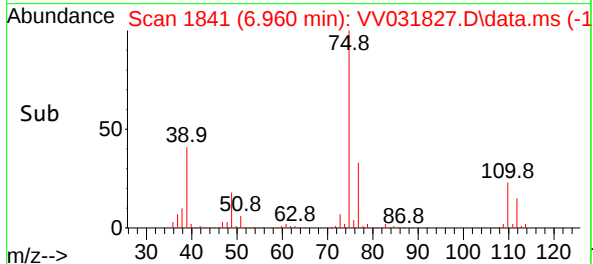
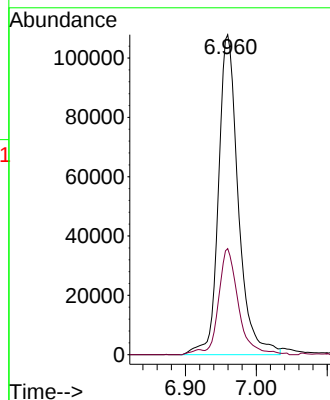
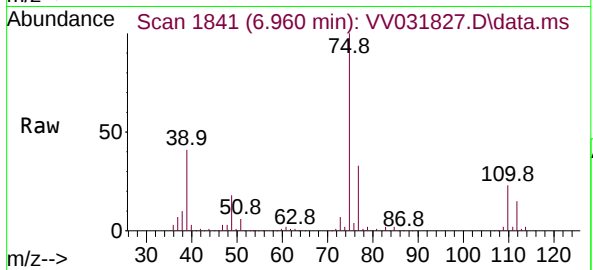
ClientSampleId :

Tgt Ion: 75 Resp: 209892

Ion Ratio Lower Upper

75 100

77 33.2 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 104.869 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

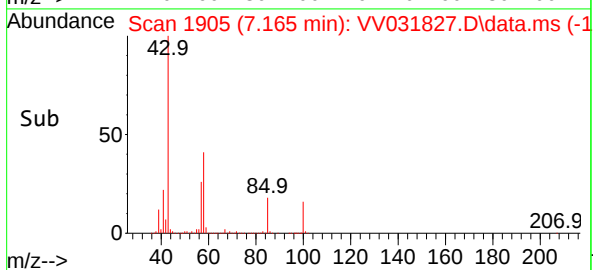
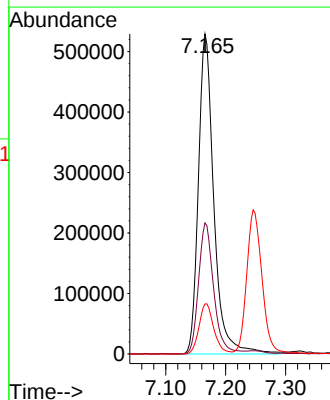
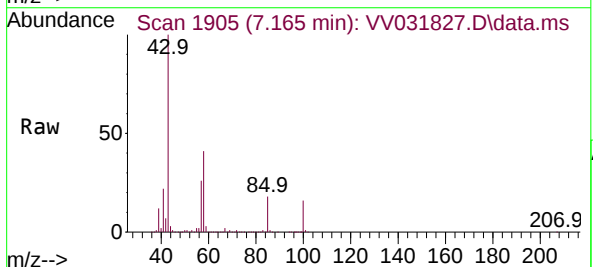
Tgt Ion: 43 Resp: 949341

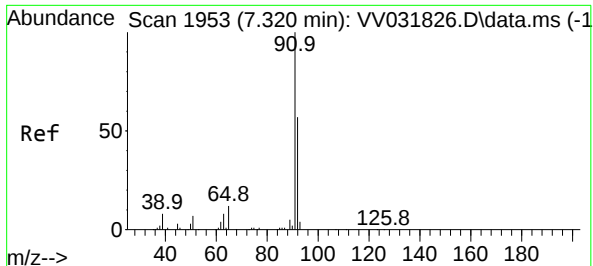
Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.2

100 15.1 11.2 16.8





#42

Toluene

Concen: 10.668 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

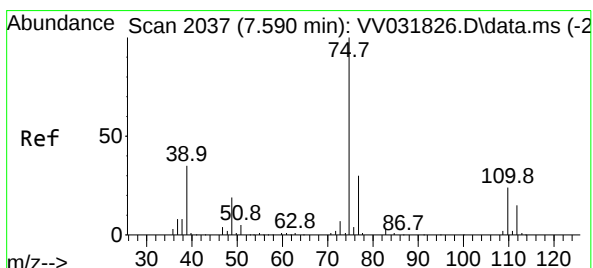
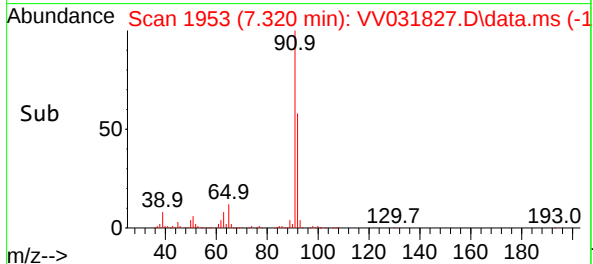
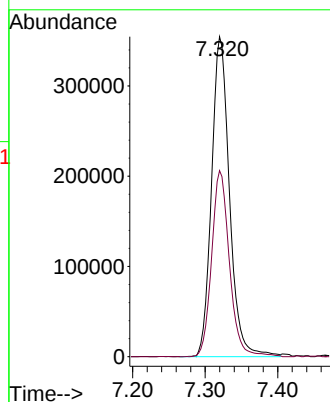
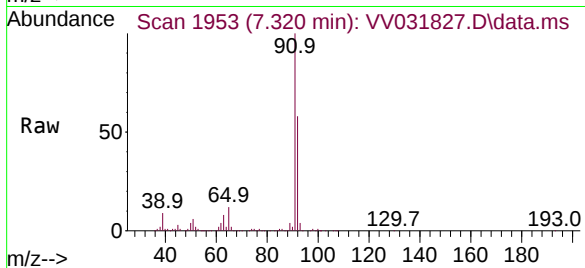
ClientSampleId :

Tgt Ion: 91 Resp: 609378

Ion Ratio Lower Upper

91 100

92 58.2 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 9.379 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.003 min

Lab File: VV031827.D

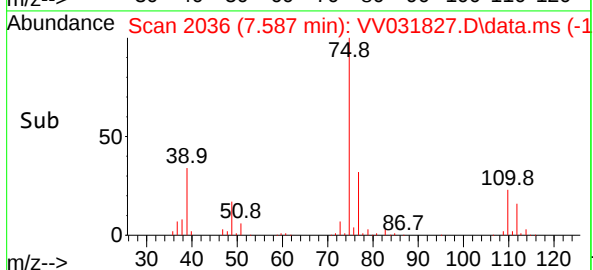
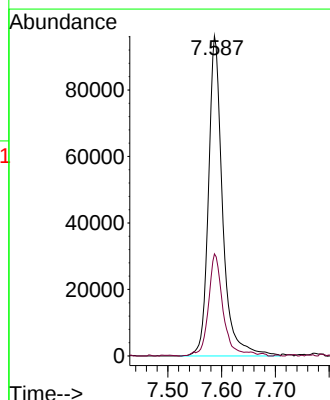
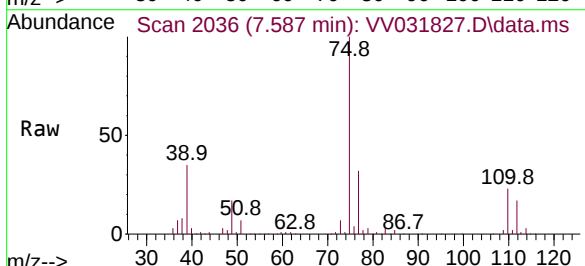
Acq: 17 Aug 2023 12:48

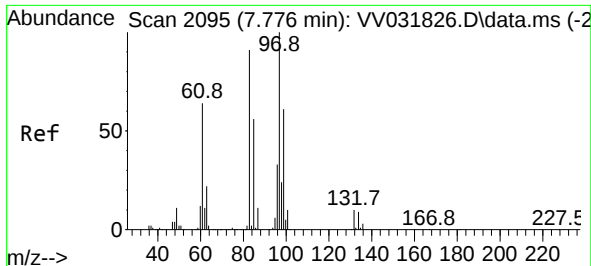
Tgt Ion: 75 Resp: 175923

Ion Ratio Lower Upper

75 100

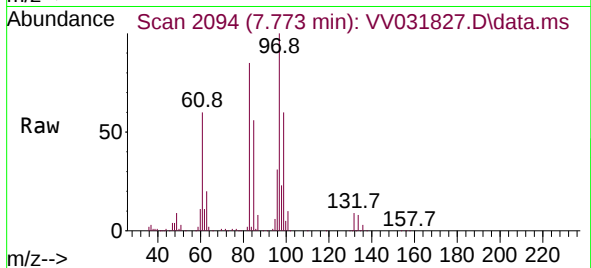
77 31.9 22.4 41.6



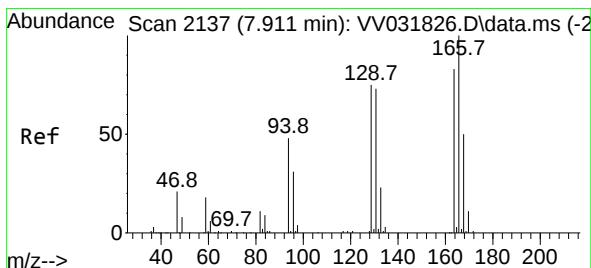
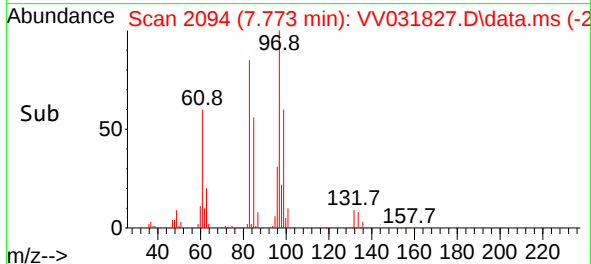
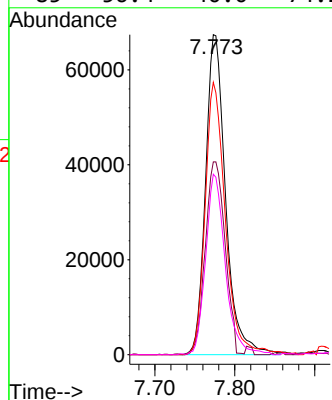


#45
1,1,2-Trichloroethane
Concen: 9.239 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

Instrument :
MSVOA_V
ClientSampleId :

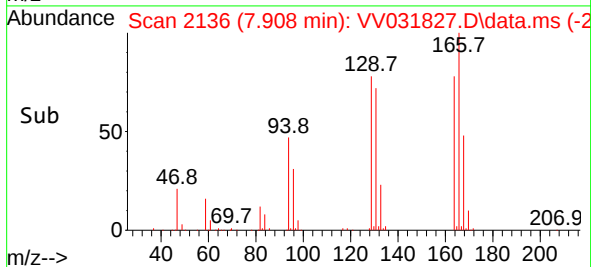
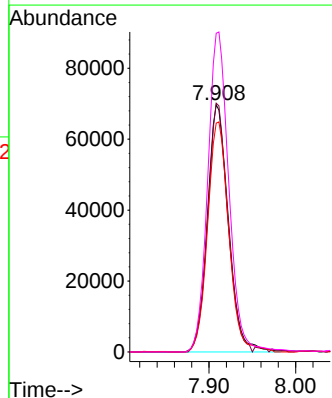
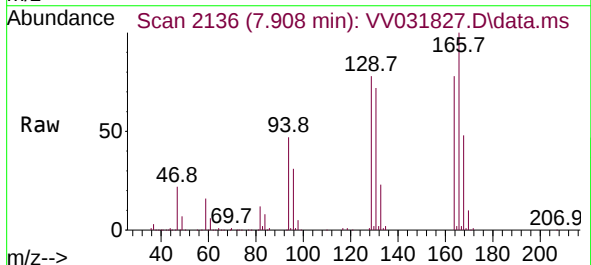


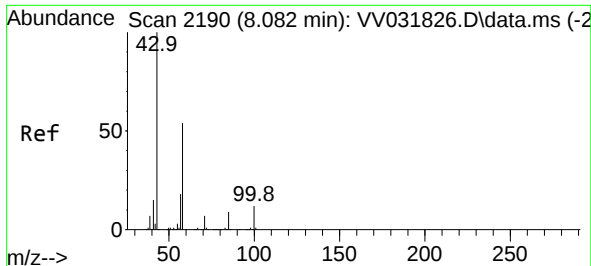
Tgt Ion:	97	Resp:	117950
Ion	Ratio	Lower	Upper
97	100		
99	60.2	43.0	79.8
83	85.1	63.8	118.4
85	56.4	40.0	74.2



#47
Tetrachloroethene
Concen: 9.950 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

Tgt Ion:	164	Resp:	118201
Ion	Ratio	Lower	Upper
164	100		
129	100.6	62.9	116.7
131	92.6	61.2	113.8
166	128.9	84.0	156.0

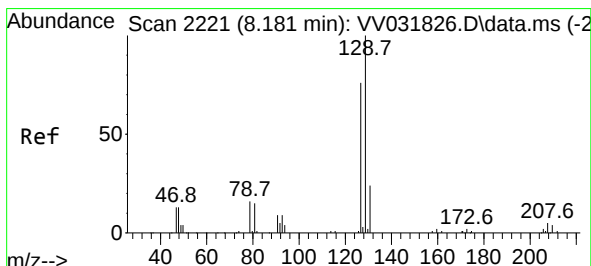
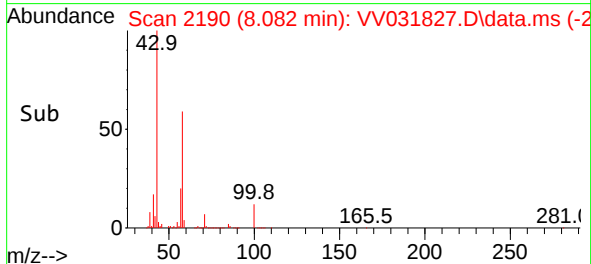
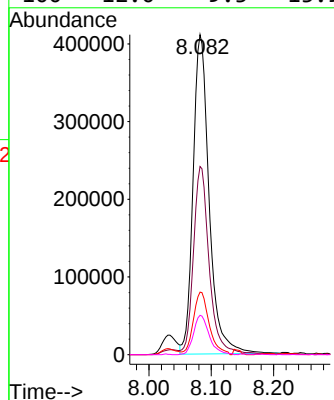
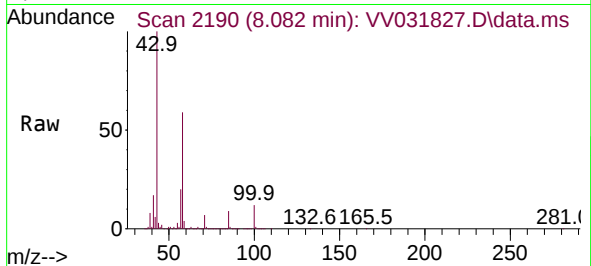




#48
2-Hexanone
Concen: 110.221 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

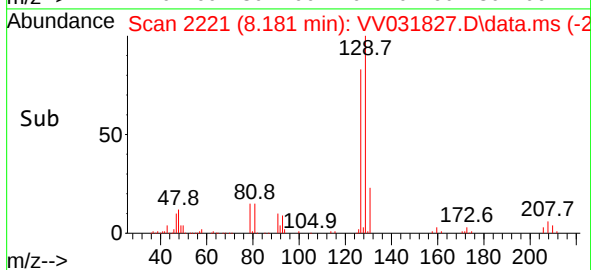
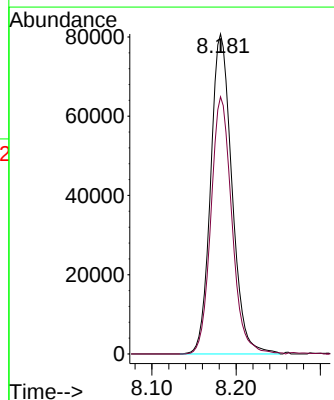
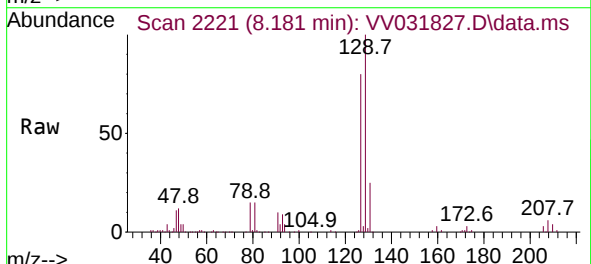
Instrument :
MSVOA_V
ClientSampleId :

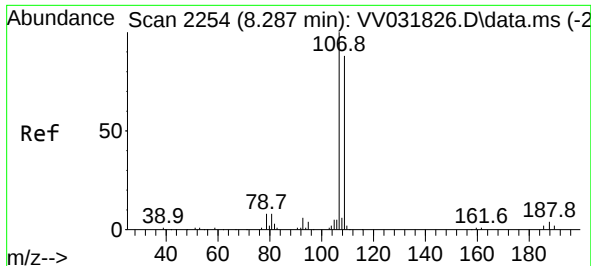
Tgt Ion: 43 Resp: 735321
Ion Ratio Lower Upper
43 100
58 57.2 44.4 66.6
57 19.3 15.0 22.6
100 12.0 9.3 13.9



#49
Dibromochloromethane
Concen: 10.277 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

Tgt Ion: 129 Resp: 142001
Ion Ratio Lower Upper
129 100
127 80.4 55.6 103.2





#50

1,2-Dibromoethane

Concen: 9.477 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

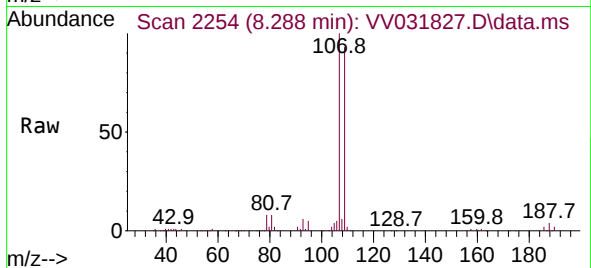
Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :



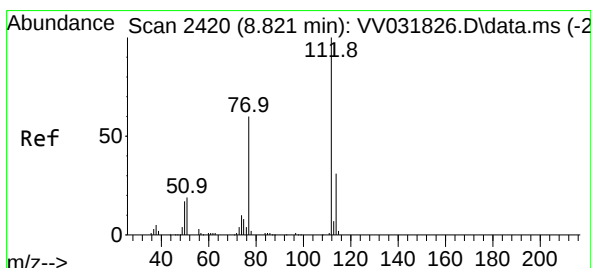
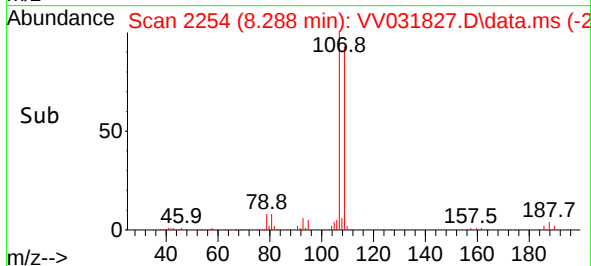
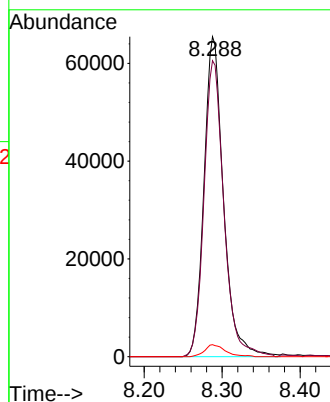
Tgt Ion:107 Resp: 113683

Ion Ratio Lower Upper

107 100

109 92.5 63.6 118.0

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 10.050 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. -0.003 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

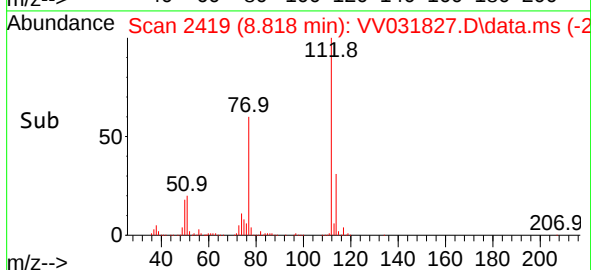
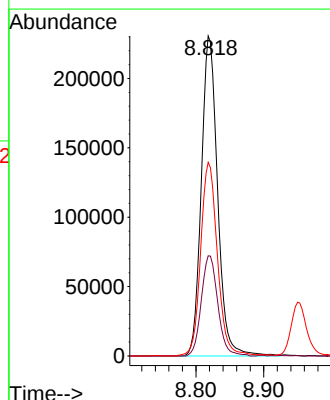
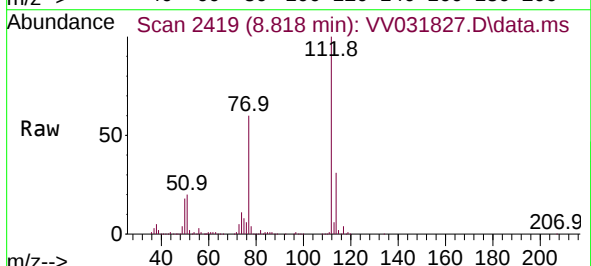
Tgt Ion:112 Resp: 384874

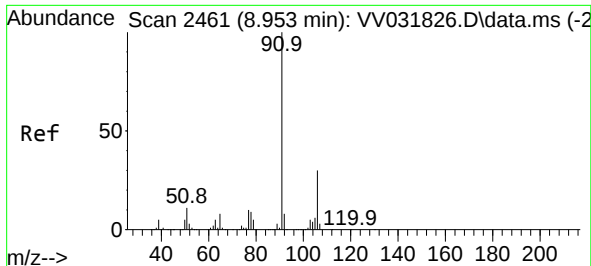
Ion Ratio Lower Upper

112 100

114 31.3 20.5 38.1

77 60.5 45.0 67.6

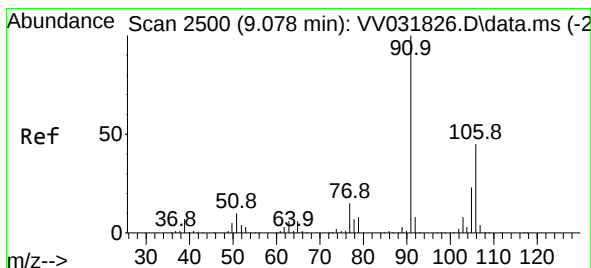
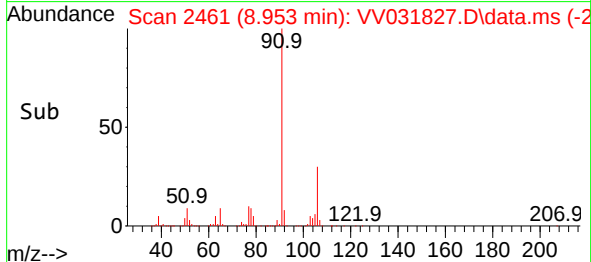
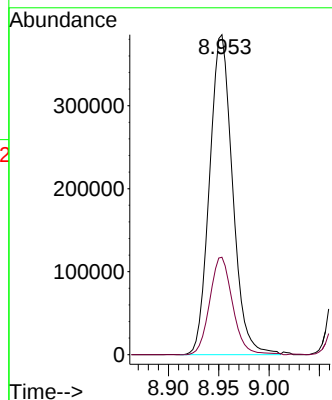
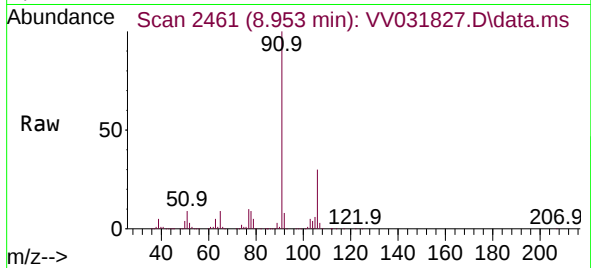




#52
Ethylbenzene
Concen: 10.605 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

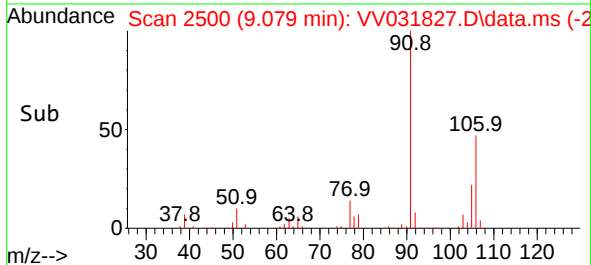
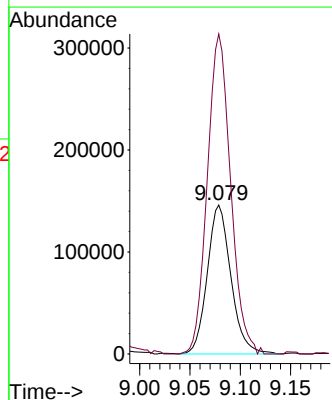
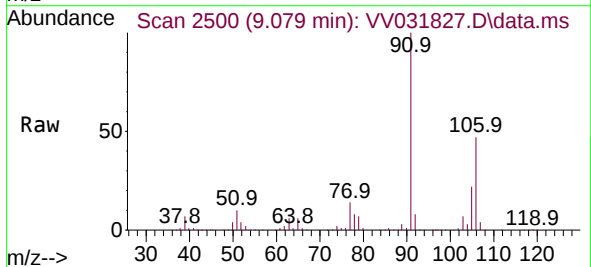
Instrument :
MSVOA_V
ClientSampleId :

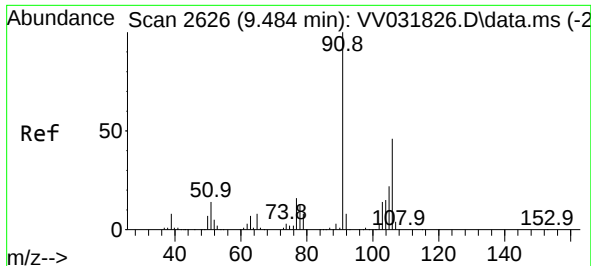
Tgt Ion: 91 Resp: 613861
Ion Ratio Lower Upper
91 100
106 30.5 20.9 38.7



#53
m,p-Xylene
Concen: 11.387 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

Tgt Ion: 106 Resp: 238777
Ion Ratio Lower Upper
106 100
91 214.8 155.7 289.1

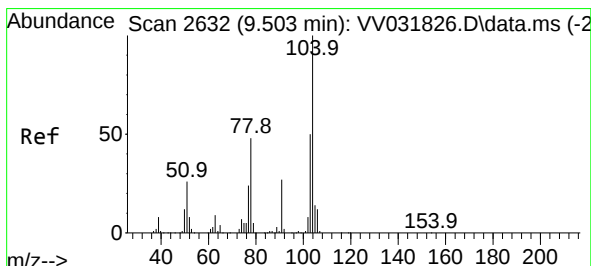
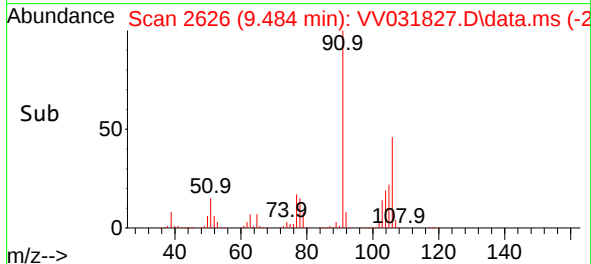
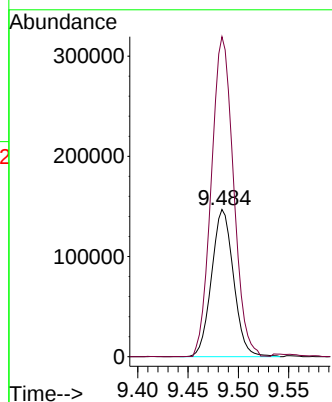
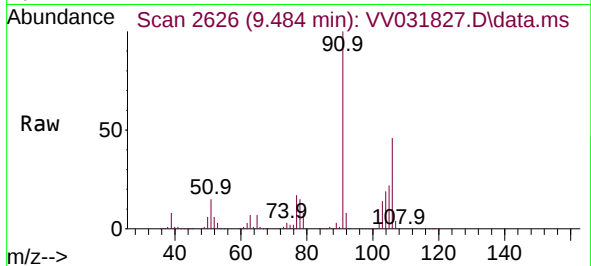




#54
o-Xylene
Concen: 11.315 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

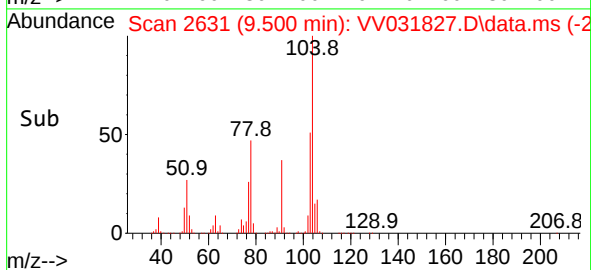
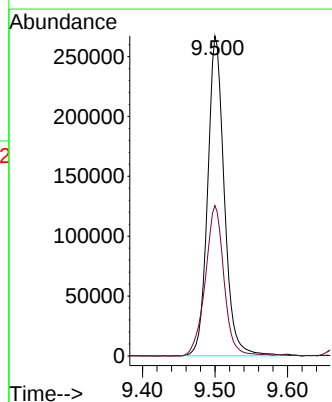
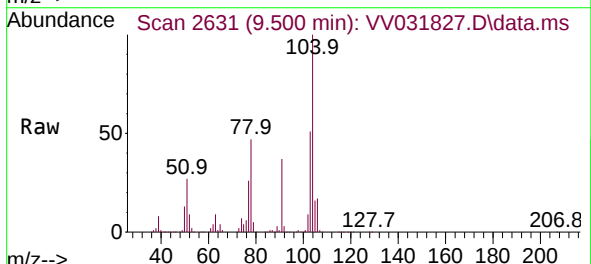
Instrument :
MSVOA_V
ClientSampleId :

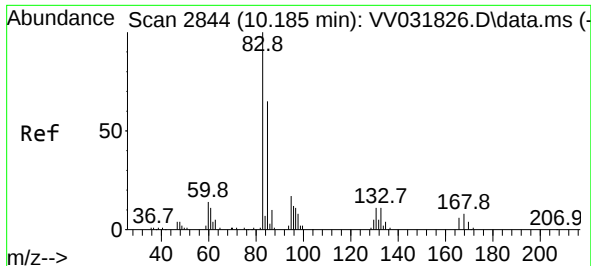
Tgt Ion:106 Resp: 223742
Ion Ratio Lower Upper
106 100
91 217.5 154.0 286.0



#55
Styrene
Concen: 11.510 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.003 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

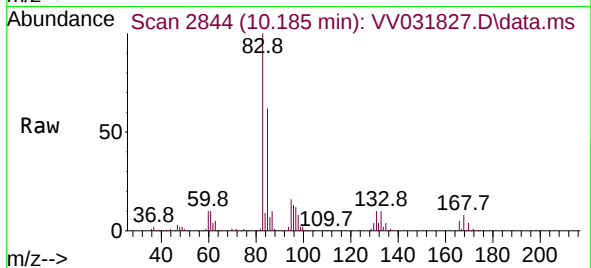
Tgt Ion:104 Resp: 425754
Ion Ratio Lower Upper
104 100
78 47.0 33.9 63.0





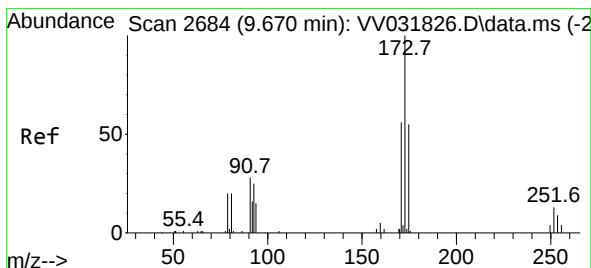
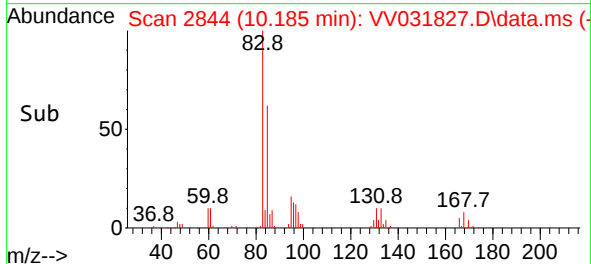
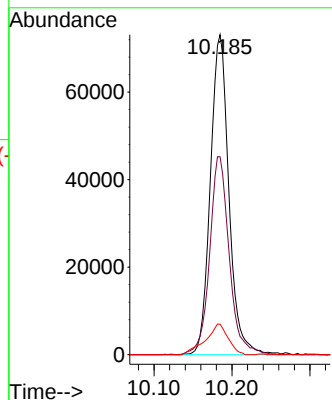
#57
 1,1,2,2-Tetrachloroethane
 Concen: 8.994 ug/L
 RT: 10.185 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: VV031827.D
 Acq: 17 Aug 2023 12:48

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 83 Resp: 120764

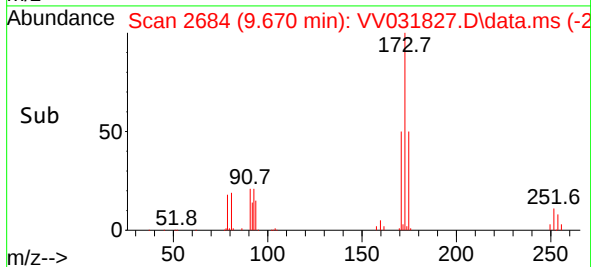
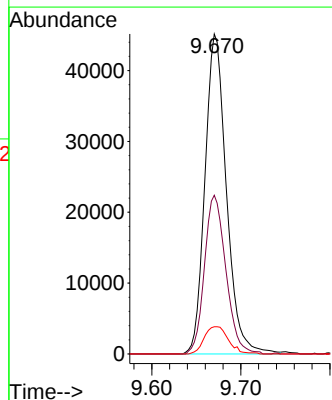
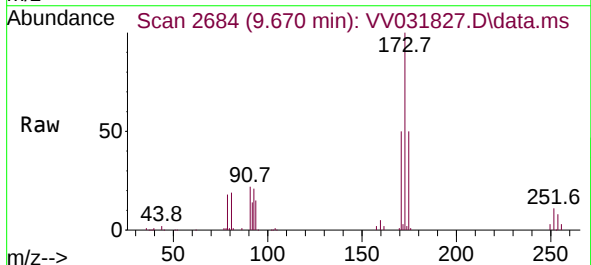
Ion	Ratio	Lower	Upper
83	100		
85	61.8	45.4	84.4
131	9.5	8.7	13.1

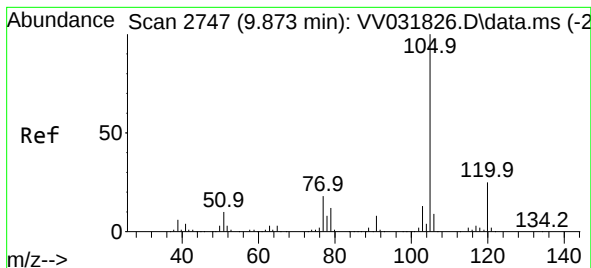


#59
 Bromoform
 Concen: 8.237 ug/L
 RT: 9.670 min Scan# 2684
 Delta R.T. 0.000 min
 Lab File: VV031827.D
 Acq: 17 Aug 2023 12:48

Tgt Ion: 173 Resp: 75550

Ion	Ratio	Lower	Upper
173	100		
175	49.4	40.4	60.6
254	9.6	7.6	11.4





#60

Isopropylbenzene

Concen: 9.279 ug/L

RT: 9.873 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

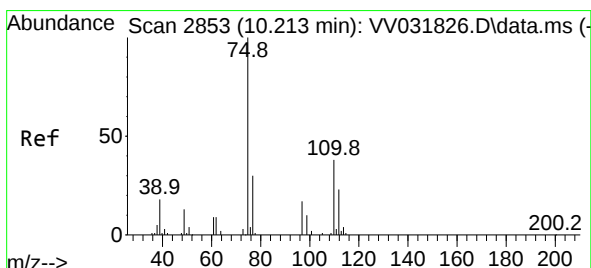
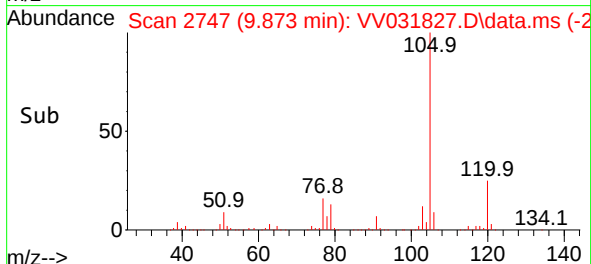
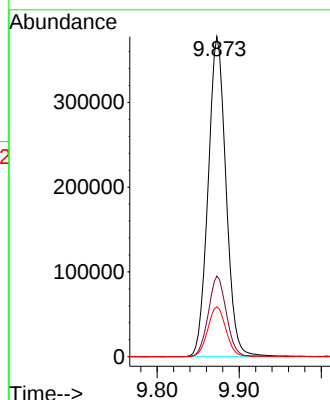
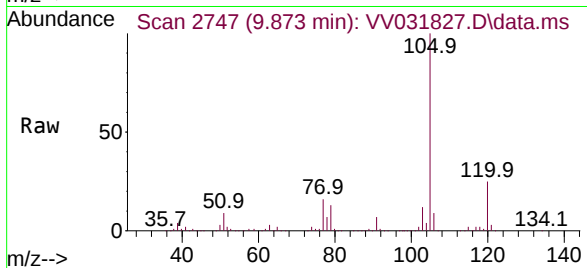
Tgt Ion:105 Resp: 571342

Ion Ratio Lower Upper

105 100

120 25.6 20.6 30.8

77 15.9 14.2 21.2



#61

1,2,3-Trichloropropane

Concen: 8.603 ug/L

RT: 10.214 min Scan# 2853

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

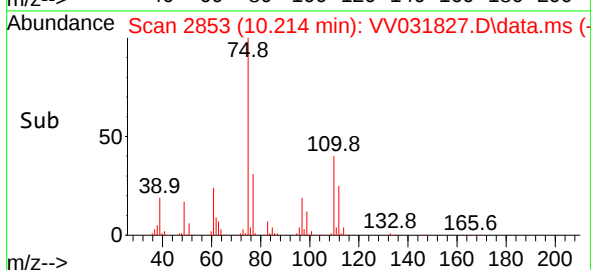
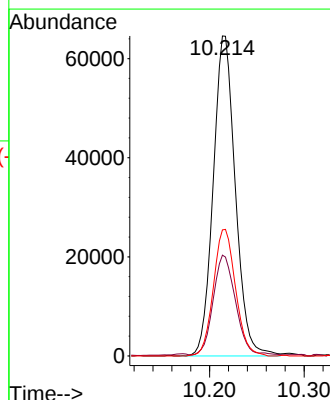
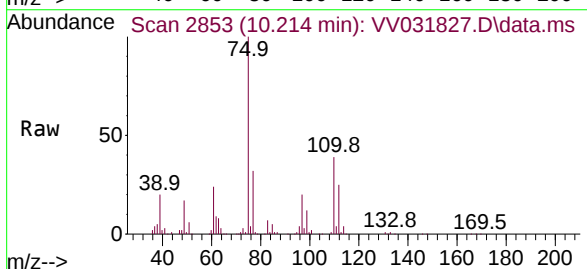
Tgt Ion: 75 Resp: 105171

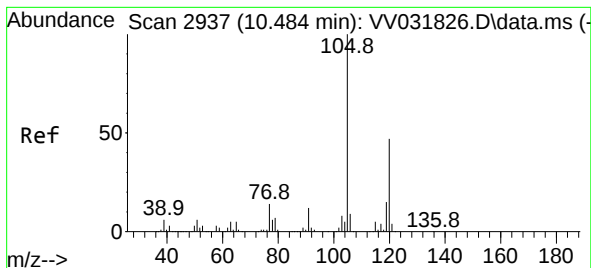
Ion Ratio Lower Upper

75 100

77 31.2 26.6 40.0

110 39.5 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 9.847 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

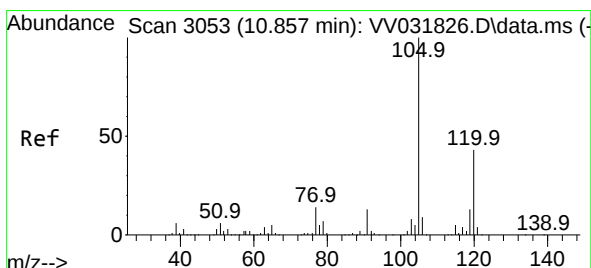
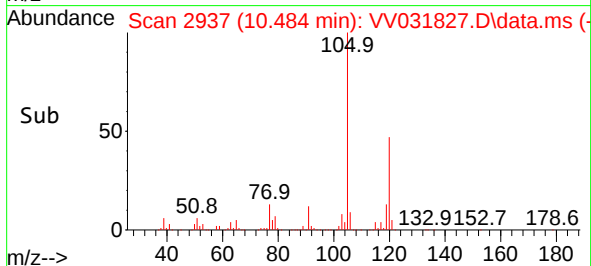
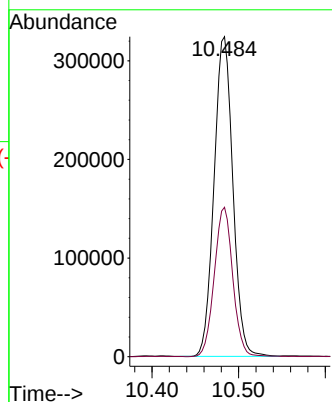
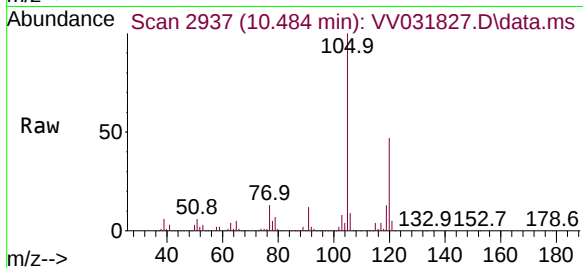
ClientSampleId :

Tgt Ion:105 Resp: 488859

Ion Ratio Lower Upper

105 100

120 46.1 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 10.182 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV031827.D

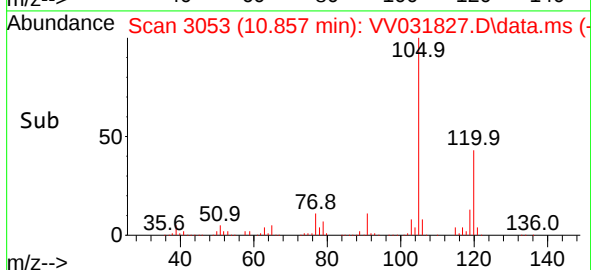
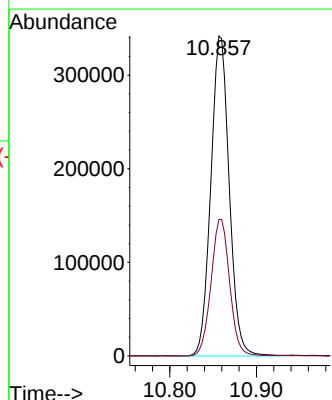
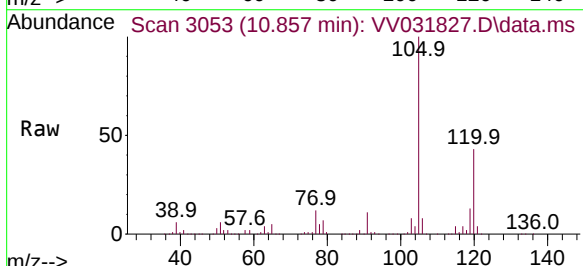
Acq: 17 Aug 2023 12:48

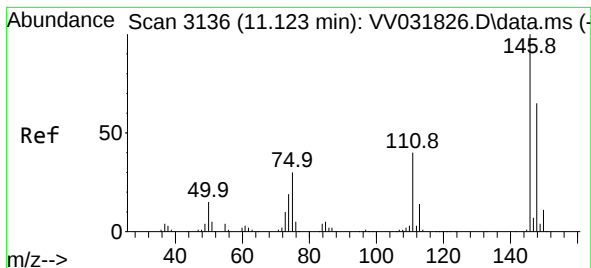
Tgt Ion:105 Resp: 504782

Ion Ratio Lower Upper

105 100

120 43.3 34.5 51.7





#64

1,3-Dichlorobenzene

Concen: 9.766 ug/L

RT: 11.123 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

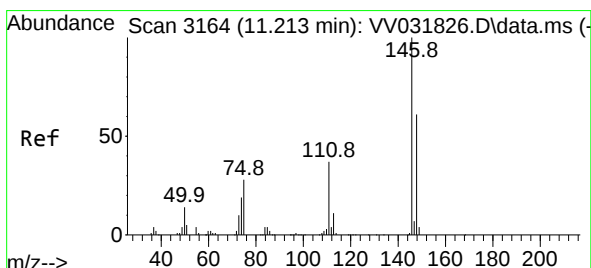
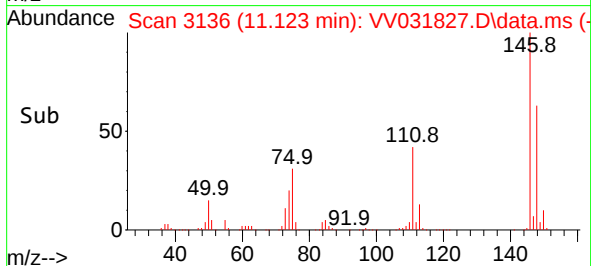
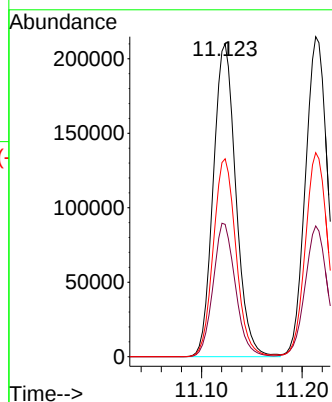
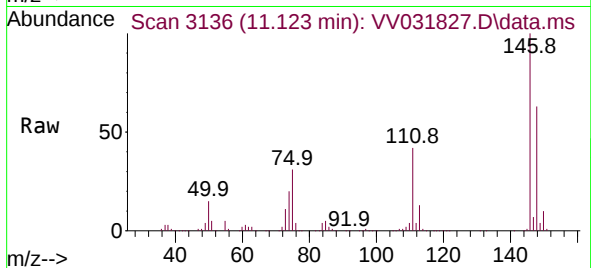
Tgt Ion:146 Resp: 328770

Ion Ratio Lower Upper

146 100

111 42.3 28.2 52.4

148 63.3 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 9.622 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

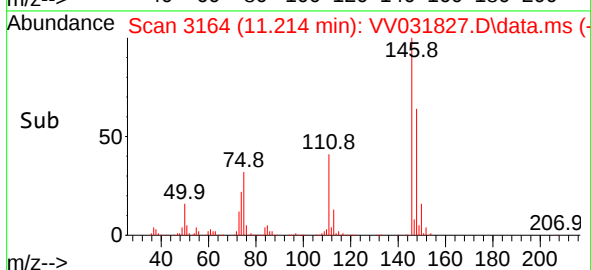
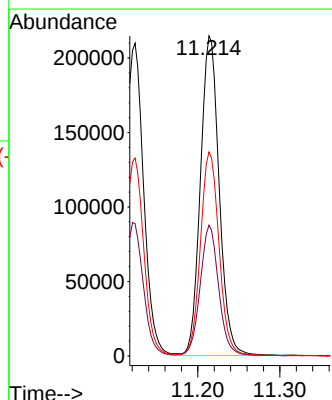
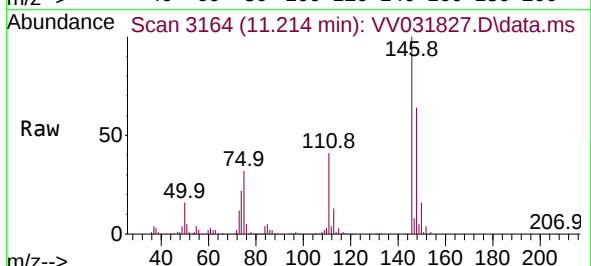
Tgt Ion:146 Resp: 340001

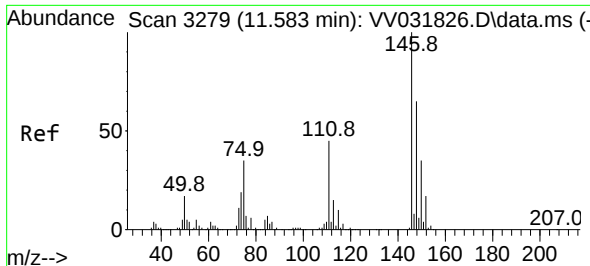
Ion Ratio Lower Upper

146 100

111 40.9 26.2 48.8

148 63.8 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 9.704 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

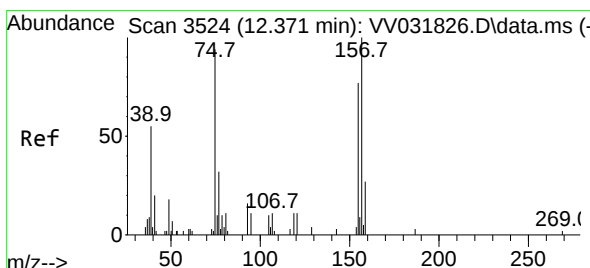
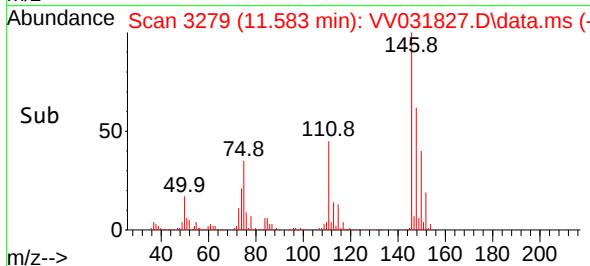
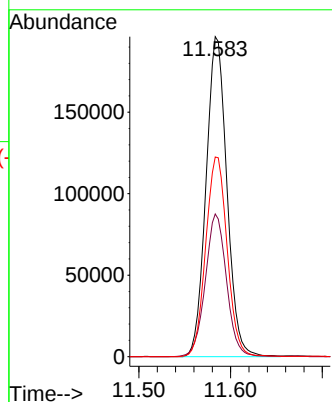
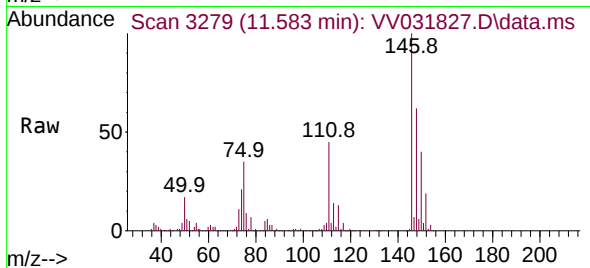
Tgt Ion:146 Resp: 310392

Ion Ratio Lower Upper

146 100

111 44.6 36.1 54.1

148 62.4 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 8.932 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

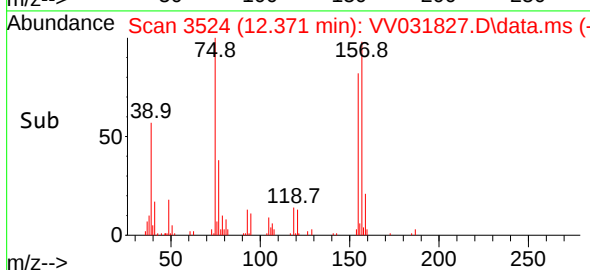
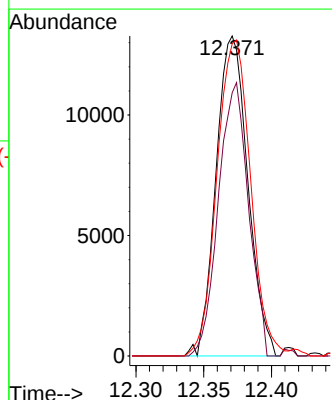
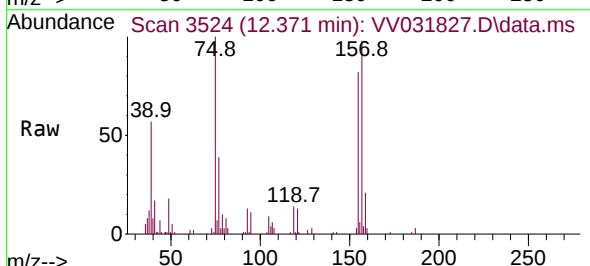
Tgt Ion: 75 Resp: 21692

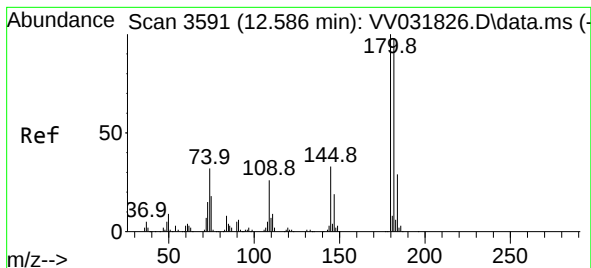
Ion Ratio Lower Upper

75 100

155 82.3 63.8 95.6

157 97.5 82.6 124.0





#69

1,3,5-Trichlorobenzene

Concen: 9.734 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.000 min

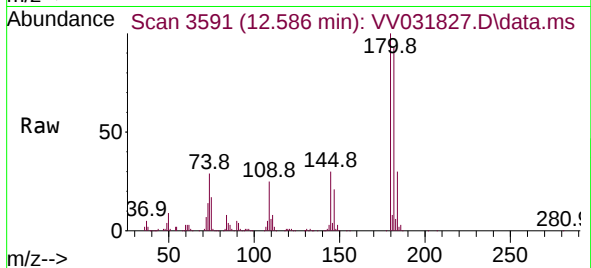
Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 240829

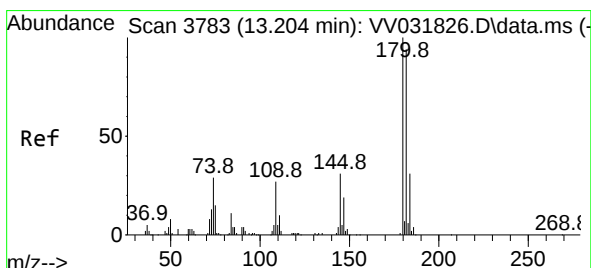
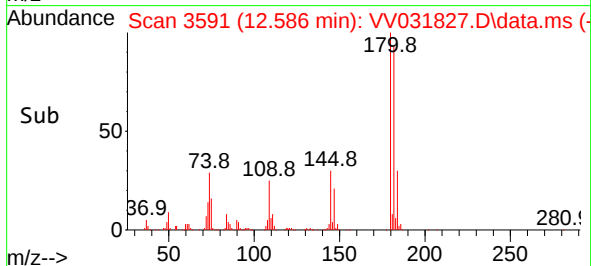
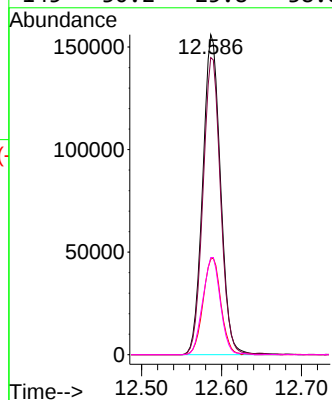
Ion Ratio Lower Upper

180 100

182 91.9 76.3 114.5

184 30.2 23.7 35.5

145 30.2 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 9.953 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV031827.D

Acq: 17 Aug 2023 12:48

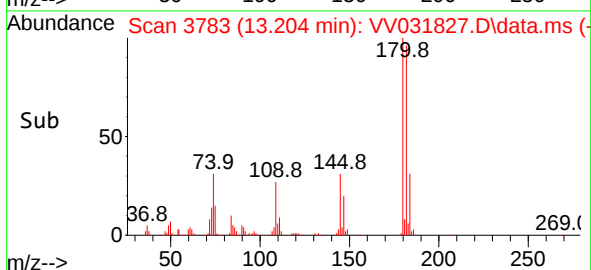
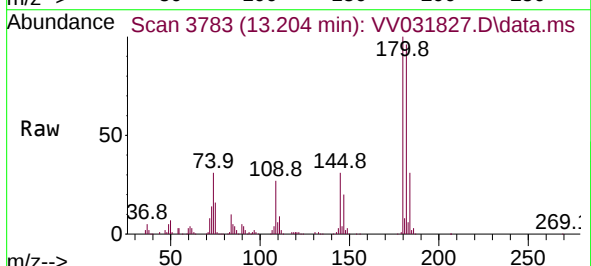
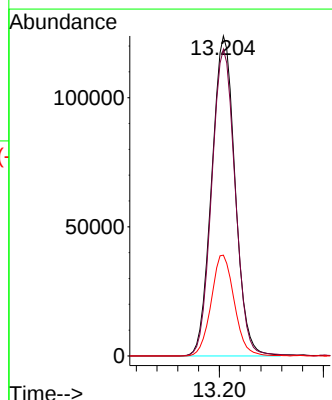
Tgt Ion:180 Resp: 193260

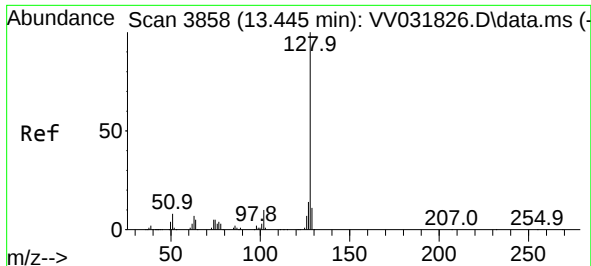
Ion Ratio Lower Upper

180 100

182 95.9 75.2 112.8

145 31.1 25.0 37.4

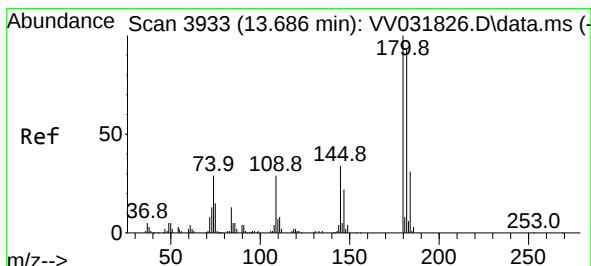
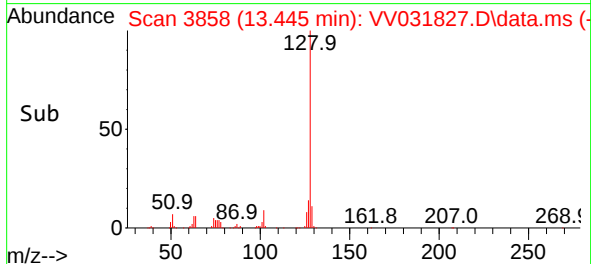
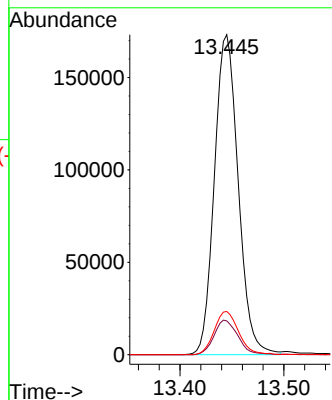
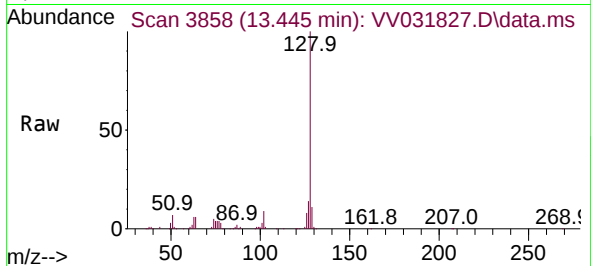




#71
Naphthalene
Concen: 8.945 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 275979
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.9 11.0 16.4



#72
1,2,3-Trichlorobenzene
Concen: 10.279 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.000 min
Lab File: VV031827.D
Acq: 17 Aug 2023 12:48

Tgt Ion:180 Resp: 183995
Ion Ratio Lower Upper
180 100
182 96.0 75.9 113.9
145 33.9 27.6 41.4

