

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031826.D
 Acq On : 17 Aug 2023 12:23
 Operator : SY/MD
 Sample : VSTD00568
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 01:57:44 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	206866	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	215883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	127308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	61619	3.643	ug/L	0.00
7) Chloroethane-d5	1.532	69	70349	4.426	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	37327	4.174	ug/L	0.00
20) 2-Butanone-d5	3.812	46	222655	48.624	ug/L	0.00
24) Chloroform-d	4.255	84	185908	4.852	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	94839	4.835	ug/L	0.00
32) Benzene-d6	4.966	84	318622	5.179	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	107390	4.798	ug/L	0.00
41) Toluene-d8	7.249	98	317869	5.640	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	35894	5.083	ug/L	0.00
46) 2-Hexanone-d5	8.033	63	172984	52.314	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	87363	5.188	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	113975	5.123	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	98287	4.506	ug/L	100
3) Chloromethane	1.217	50	88449	4.031	ug/L	100
5) Vinyl chloride	1.281	62	90870	4.279	ug/L	100
6) Bromomethane	1.487	94	59122	4.442	ug/L	100
8) Chloroethane	1.548	64	59896	4.738	ug/L	100
9) Trichlorofluoromethane	1.712	101	149718	4.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	83524	4.863	ug/L	100
12) 1,1-Dichloroethene	2.069	96	68964	4.428	ug/L	100
13) Acetone	2.143	43	129139	44.027	ug/L	100
14) Carbon disulfide	2.240	76	198427	4.144	ug/L	100
15) Methyl Acetate	2.387	43	31811	5.078	ug/L	100
16) Methylene chloride	2.449	84	84737	4.048	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	141295	4.805	ug/L	100
18) trans-1,2-Dichloroethene	2.699	96	66066	4.788	ug/L	100
19) 1,1-Dichloroethane	3.117	63	139581	4.690	ug/L	100
21) 2-Butanone	3.899	43	169441	44.835	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	68653	4.993	ug/L	100
23) Bromochloromethane	4.159	128	36547	5.282	ug/L	100
25) Chloroform	4.284	83	150212	5.080	ug/L	100
27) 1,2-Dichloroethane	5.050	62	88299	4.766	ug/L	100
29) 1,1,1-Trichloroethane	4.519	97	123904	4.799	ug/L	100
30) Cyclohexane	4.587	56	80595	4.380	ug/L	100
31) Carbon tetrachloride	4.741	117	116544	5.041	ug/L	100
33) Benzene	5.018	78	281641	5.134	ug/L	100
34) Trichloroethene	5.841	95	78552	5.048	ug/L	100
35) Methylcyclohexane	6.053	83	88015	4.640	ug/L	100
37) 1,2-Dichloropropane	6.098	63	79968	5.108	ug/L	100
38) Bromodichloromethane	6.439	83	100268	4.866	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	92943	4.812	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	425377	51.368	ug/L	100
42) Toluene	7.320	91	290070	5.551	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	89715	5.229	ug/L	100

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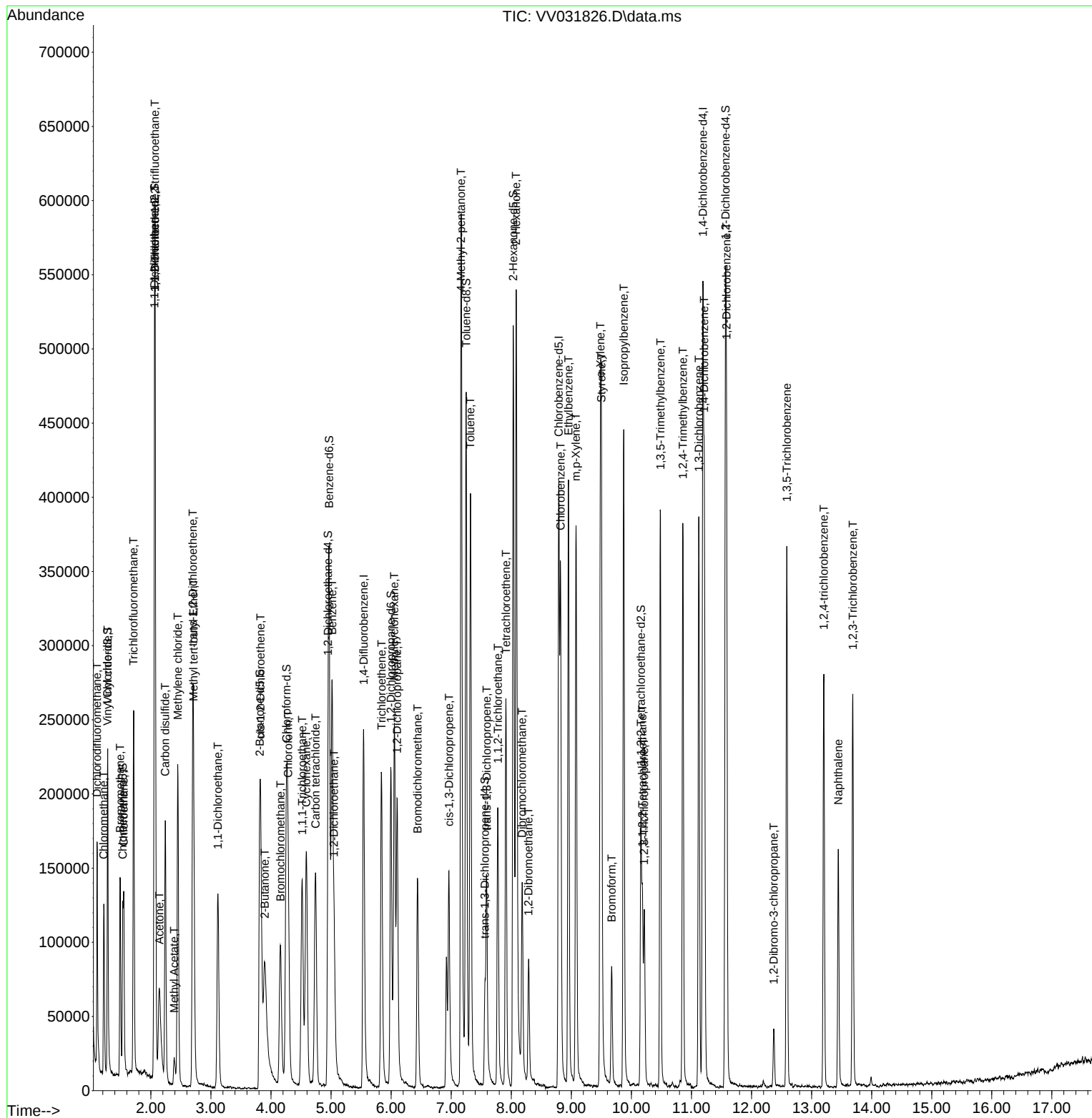
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	59858	5.126	ug/L	100
47) Tetrachloroethene	7.911	164	59572	5.482	ug/L	100
48) 2-Hexanone	8.082	43	355274	58.216	ug/L	100
49) Dibromochloromethane	8.181	129	69034	5.462	ug/L	100
50) 1,2-Dibromoethane	8.287	107	57563	5.246	ug/L	100
51) Chlorobenzene	8.821	112	184042	5.253	ug/L	100
52) Ethylbenzene	8.953	91	280601	5.299	ug/L	100
53) m,p-Xylene	9.078	106	99229	5.173	ug/L	100
54) o-Xylene	9.484	106	94878	5.245	ug/L	100
55) Styrene	9.503	104	178064	5.262	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	59015	4.805	ug/L	100
59) Bromoform	9.670	173	36576	4.410	ug/L	100
60) Isopropylbenzene	9.873	105	261477	4.696	ug/L	100
61) 1,2,3-Trichloropropane	10.213	75	50805	4.595	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	201708	4.492	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	204712	4.566	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	156494	5.140	ug/L	100
65) 1,4-Dichlorobenzene	11.213	146	157530	4.929	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	146201	5.054	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	9322	4.244	ug/L	100
69) 1,3,5-Trichlorobenzene	12.586	180	108471	4.847	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	83943	4.780	ug/L	100
71) Naphthalene	13.445	128	121033	4.337	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	78682	4.860	ug/L	100

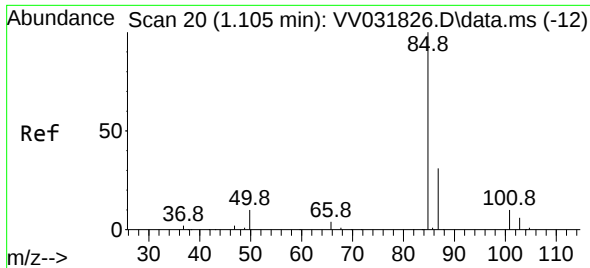
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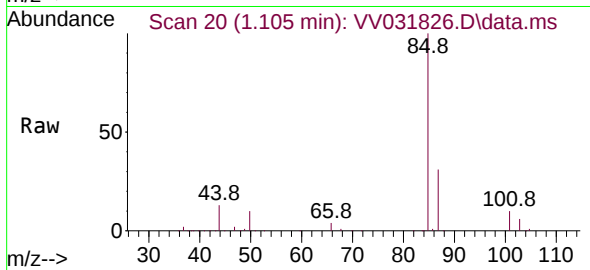
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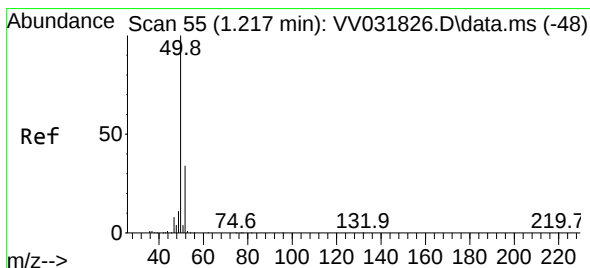
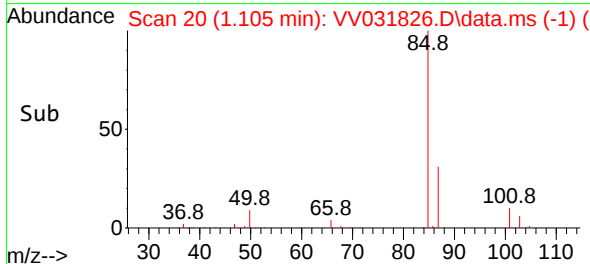
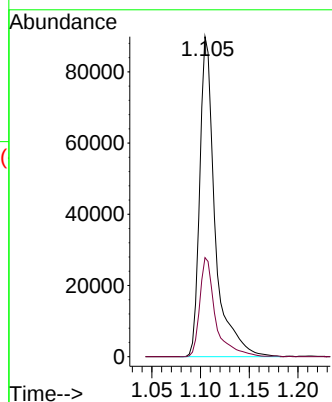


#2
 Dichlorodifluoromethane
 Concen: 4.506 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23

Instrument :
 MSVOA_V
 ClientSampleId :

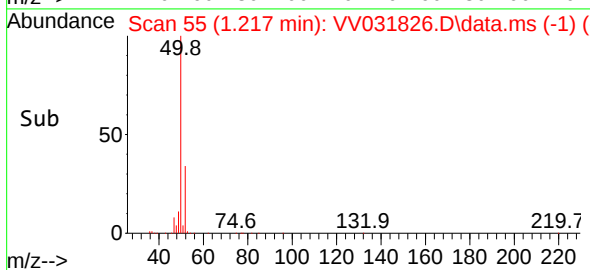
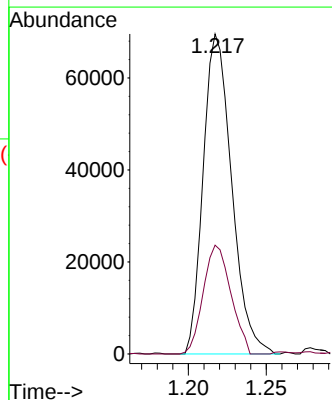
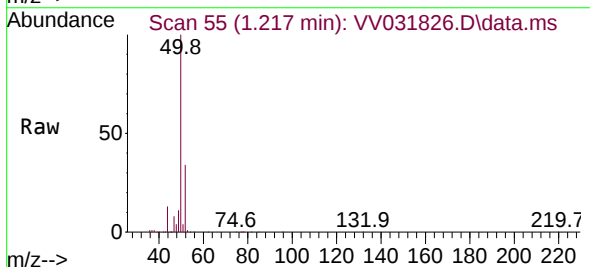


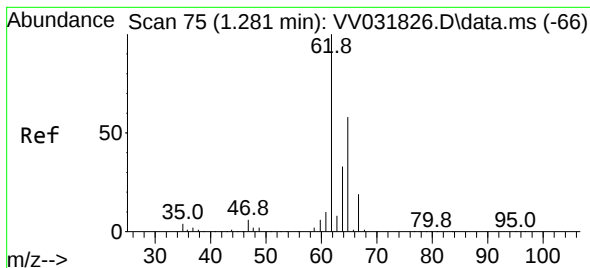
Tgt Ion: 85 Resp: 98287
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 4.031 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23

Tgt Ion: 50 Resp: 88449
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.8 44.2

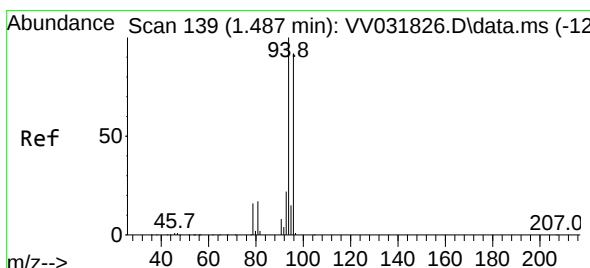
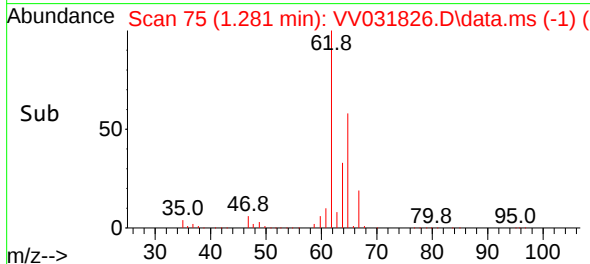
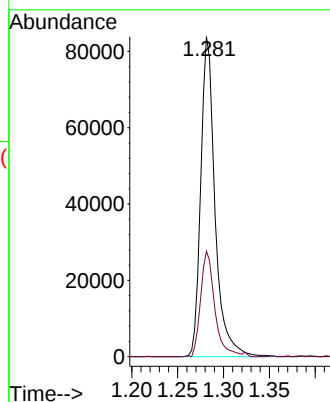
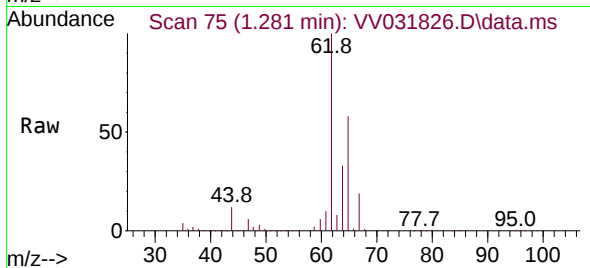




#5
 Vinyl chloride
 Concen: 4.279 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23

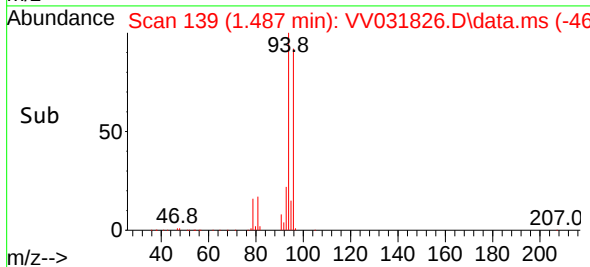
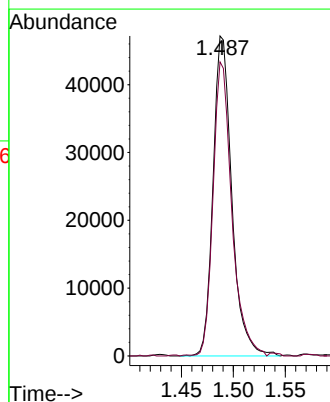
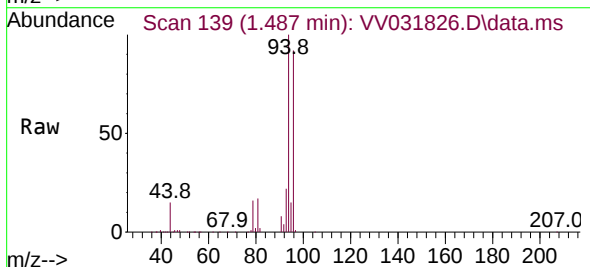
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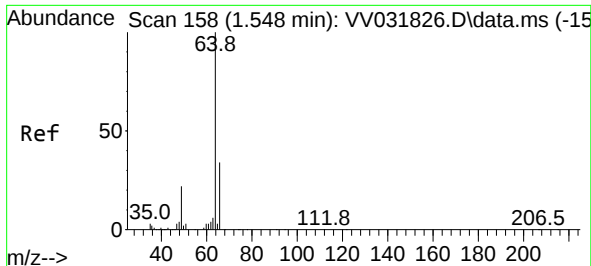
Tgt Ion: 62 Resp: 90870
 Ion Ratio Lower Upper
 62 100
 64 90.7 63.5 117.9



#6
 Bromomethane
 Concen: 4.442 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23

Tgt Ion: 94 Resp: 59122
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.3 121.3

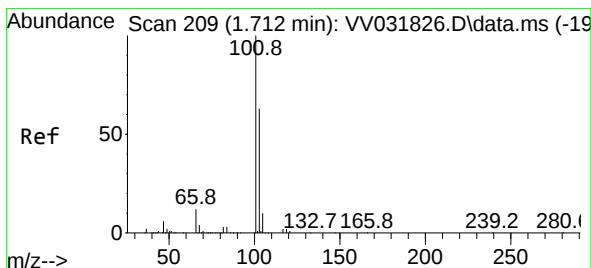
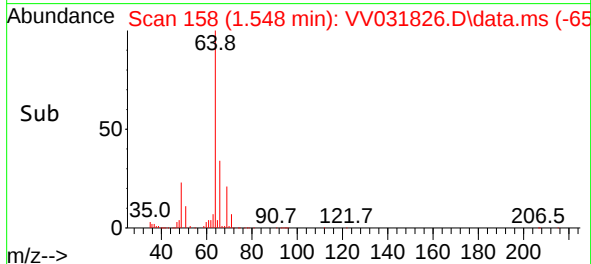
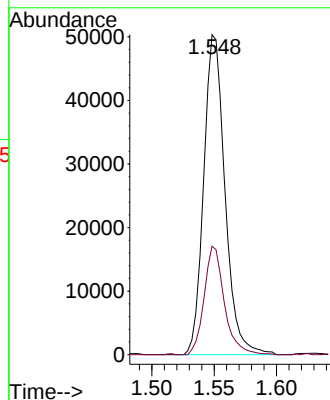
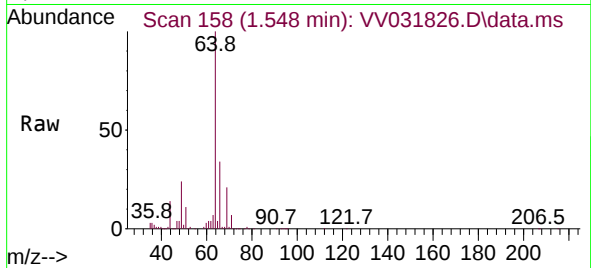




#8
Chloroethane
Concen: 4.738 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

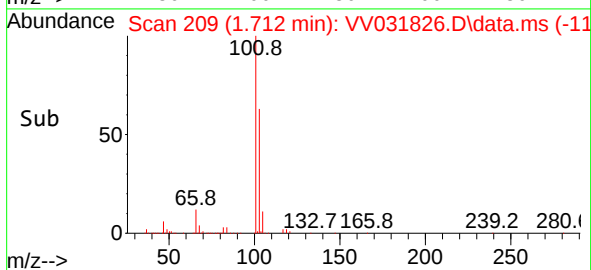
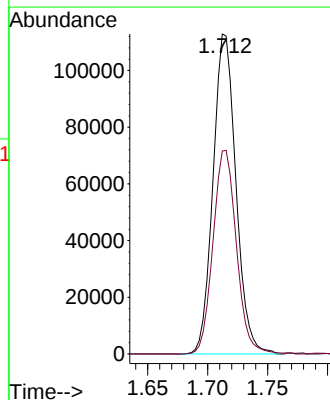
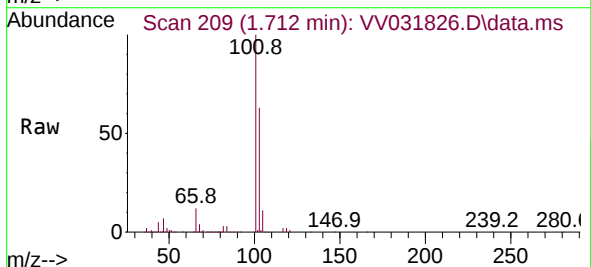
Instrument :
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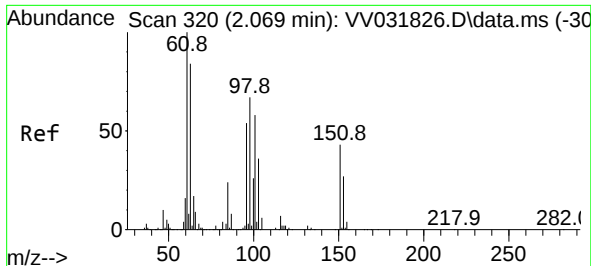
Tgt Ion: 64 Resp: 59896
Ion Ratio Lower Upper
64 100
66 32.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.796 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

Tgt Ion:101 Resp: 149718
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

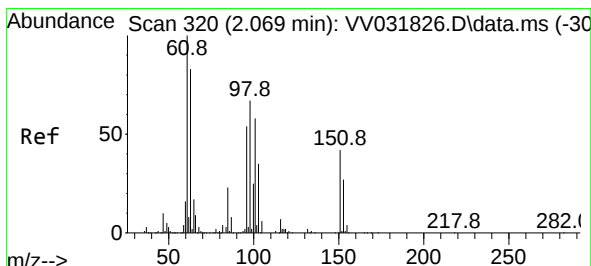
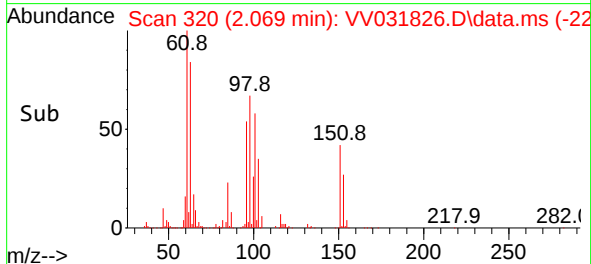
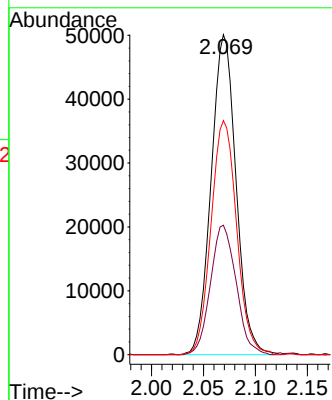
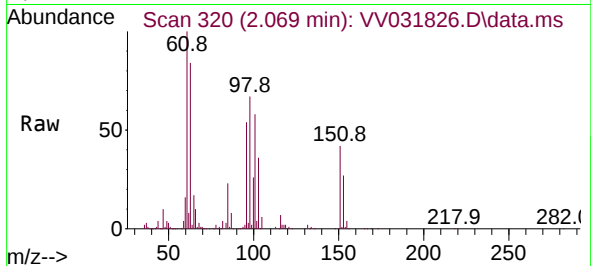




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.863 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23

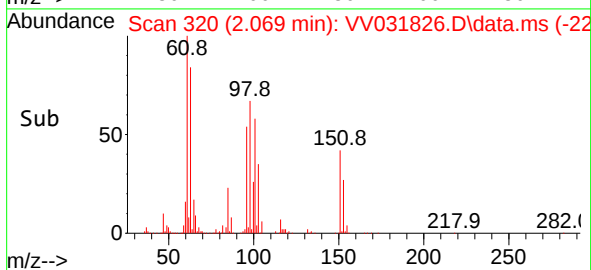
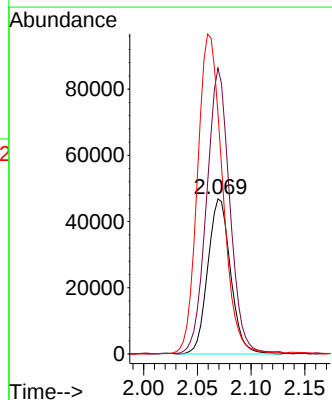
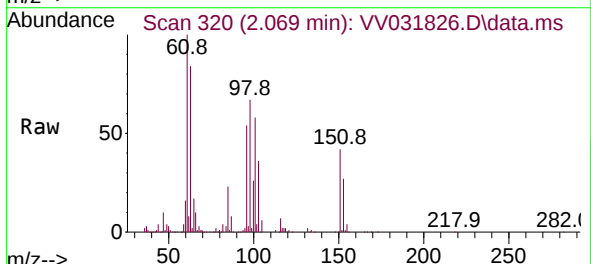
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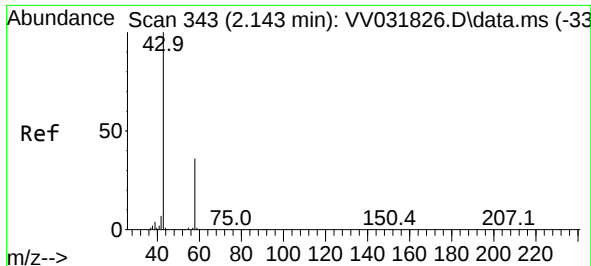
Tgt Ion:	101	Resp:	83524
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.3	49.9
151	75.3	60.2	90.4



#12
 1,1-Dichloroethene
 Concen: 4.428 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23

Tgt Ion:	96	Resp:	68964
Ion Ratio	Lower	Upper	
96	100		
61	184.3	129.0	239.6
63	155.3	108.7	201.9





#13

Acetone

Concen: 44.027 ug/L

RT: 2.143 min Scan# 343

Delta R.T. 0.000 min

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Instrument :

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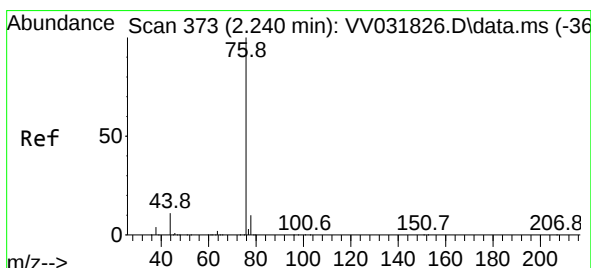
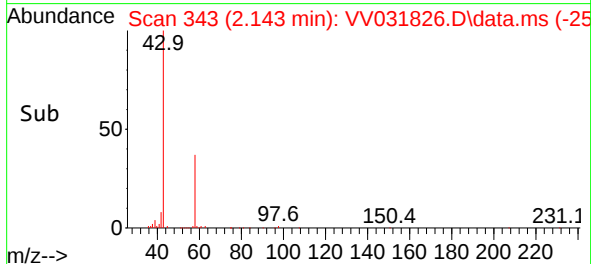
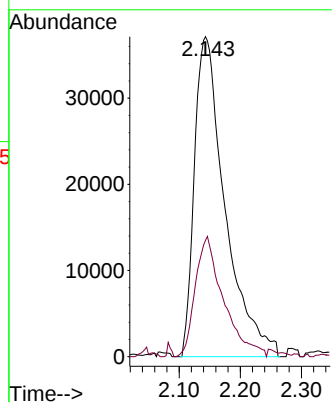
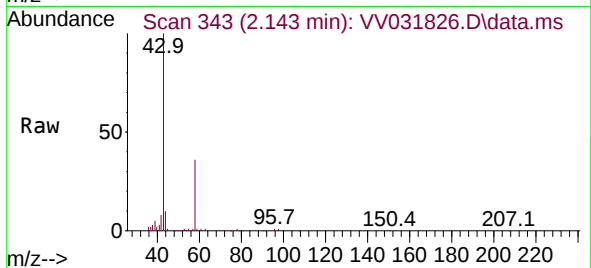
ClientSampleId :

Tgt Ion: 43 Resp: 129139

Ion Ratio Lower Upper

43 100

58 34.5 0.0 69.0



#14

Carbon disulfide

Concen: 4.144 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV031826.D

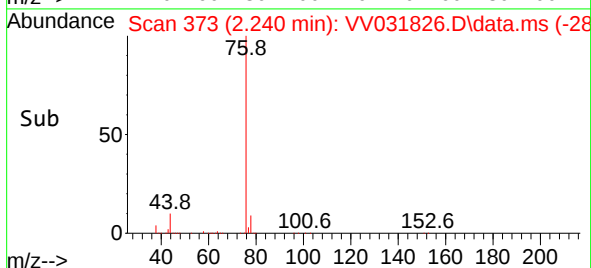
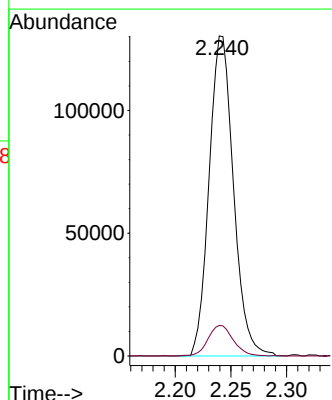
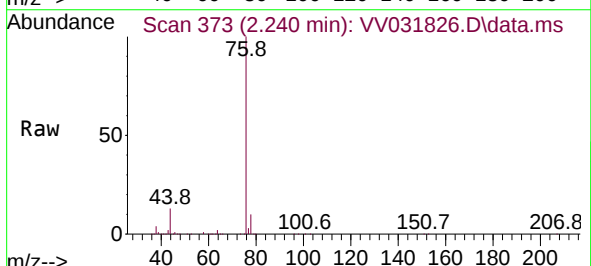
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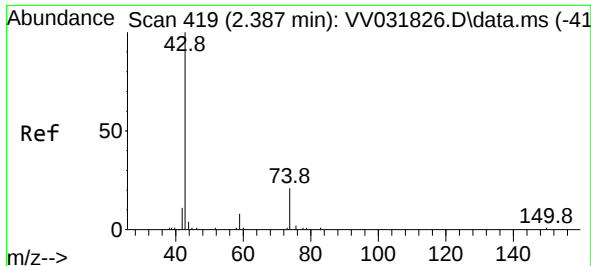
Tgt Ion: 76 Resp: 198427

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

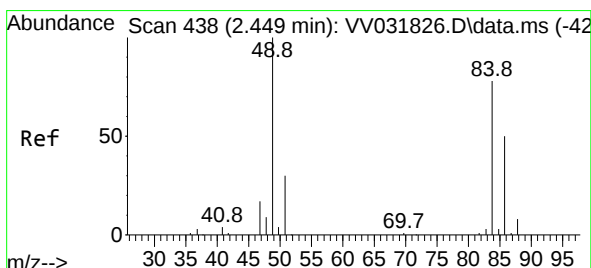
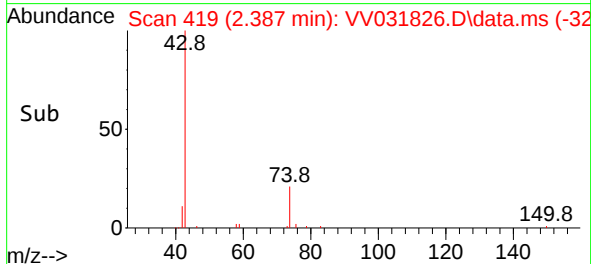
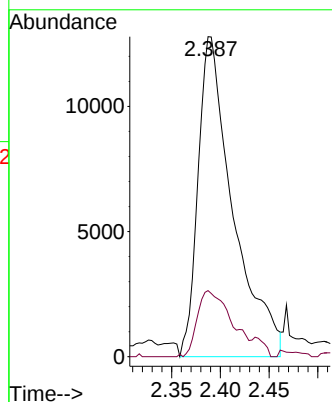
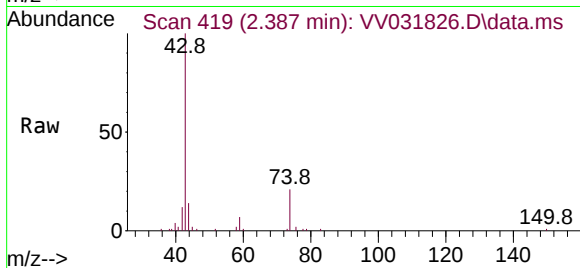




#15
Methyl Acetate
Concen: 5.078 ug/L
RT: 2.387 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

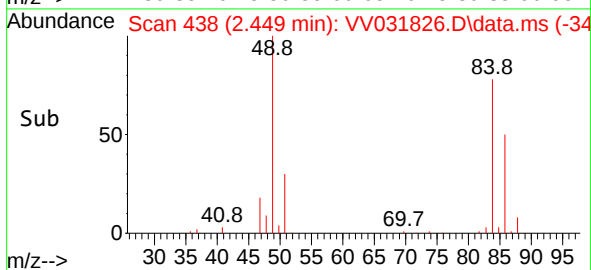
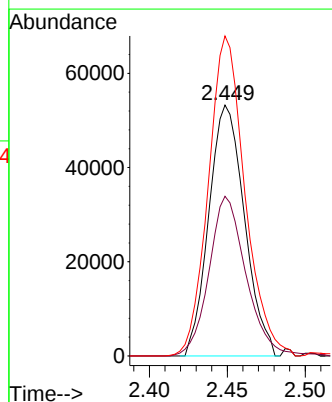
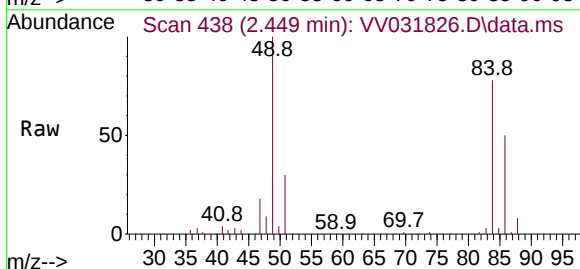
Instrument :
MSVOA_V
ClientSampleId :

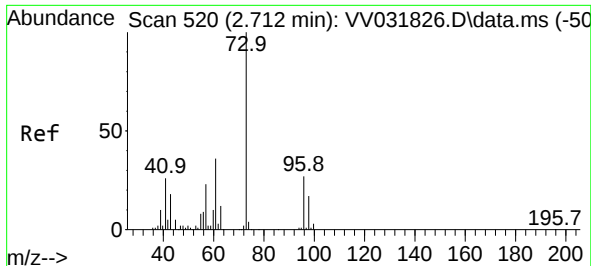
Tgt Ion: 43 Resp: 31811
Ion Ratio Lower Upper
43 100
74 20.2 16.2 24.2



#16
Methylene chloride
Concen: 4.048 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

Tgt Ion: 84 Resp: 84737
Ion Ratio Lower Upper
84 100
86 63.6 44.5 82.7
49 132.8 93.0 172.6





#17

Methyl tert-butyl Ether

Concen: 4.805 ug/L

RT: 2.712 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

Instrument :

MSVOA_V

ClientSampleId :

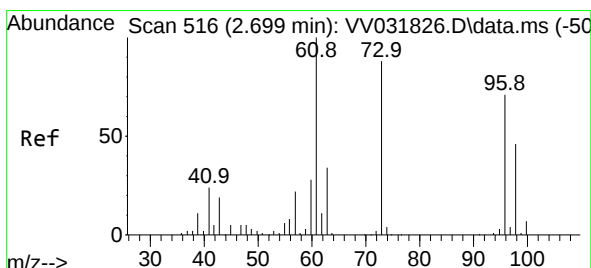
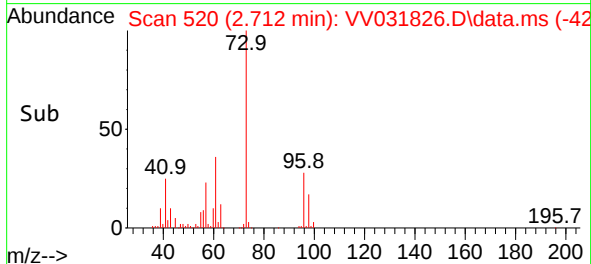
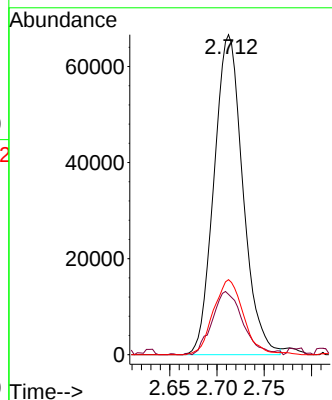
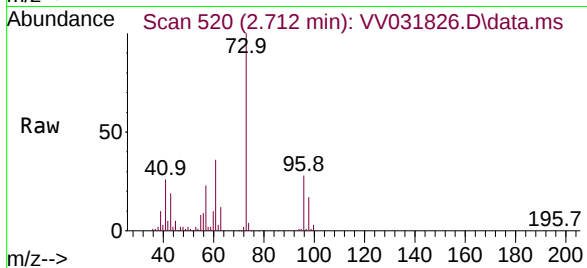
Tgt Ion: 73 Resp: 141295

Ion Ratio Lower Upper

73 100

43 21.1 16.9 25.3

57 24.6 19.7 29.5



#18

trans-1,2-Dichloroethene

Concen: 4.788 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

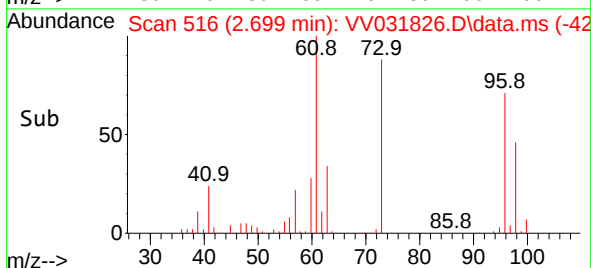
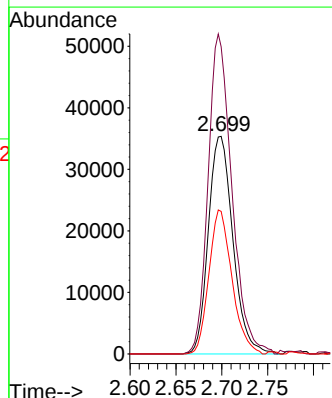
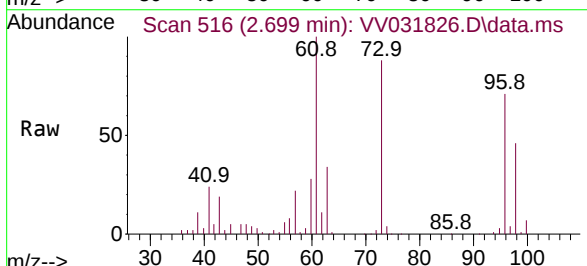
Tgt Ion: 96 Resp: 66066

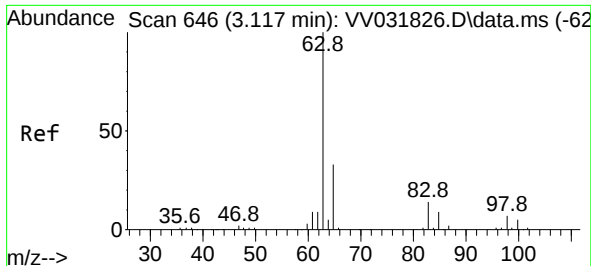
Ion Ratio Lower Upper

96 100

61 141.1 98.8 183.4

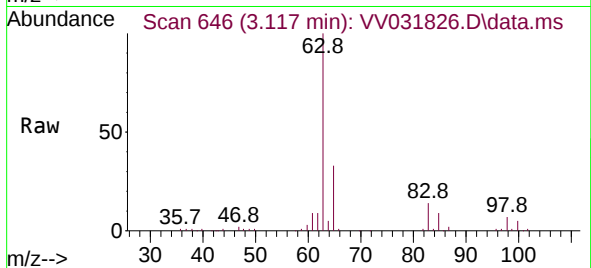
98 65.5 45.8 85.2



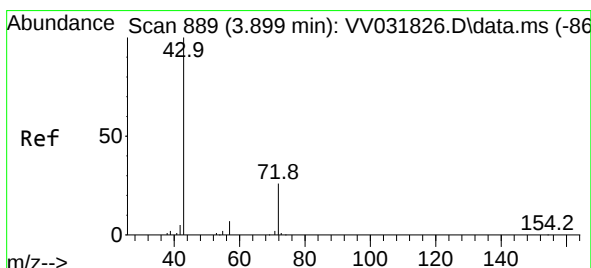
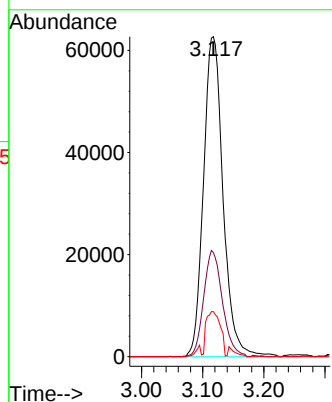
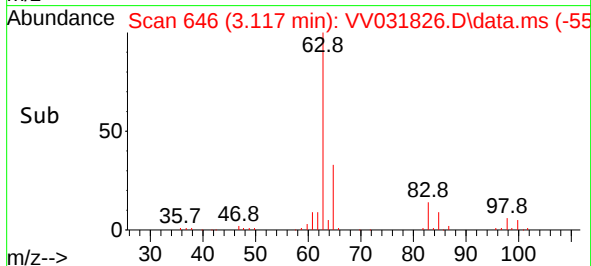


#19
1,1-Dichloroethane
Concen: 4.690 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

Instrument :
MSVOA_V
ClientSampleId :

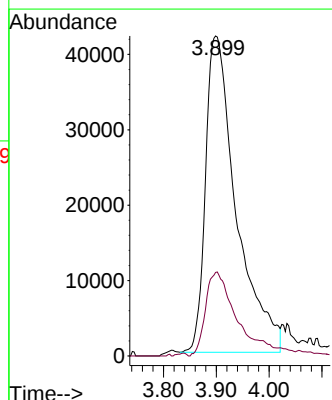
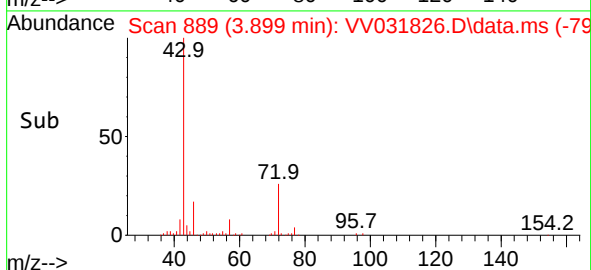
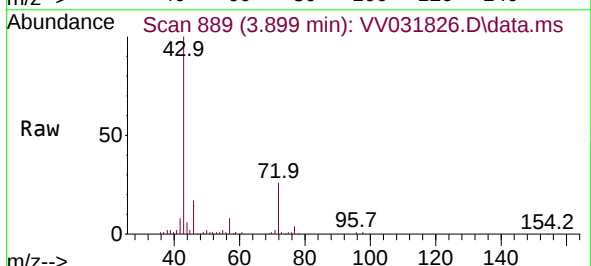


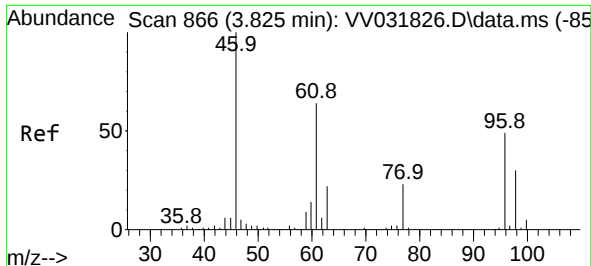
Tgt Ion: 63 Resp: 139581
Ion Ratio Lower Upper
63 100
65 31.9 22.3 41.5
83 13.5 9.4 17.6



#21
2-Butanone
Concen: 44.835 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

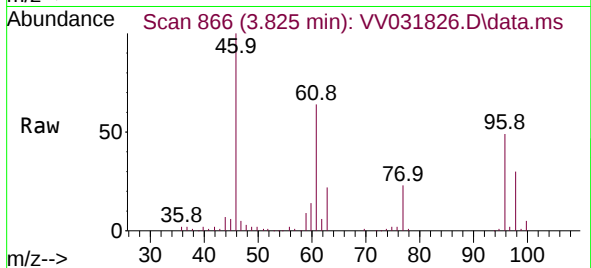
Tgt Ion: 43 Resp: 169441
Ion Ratio Lower Upper
43 100
72 26.9 13.5 40.4



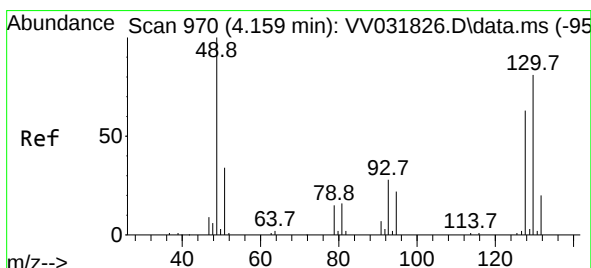
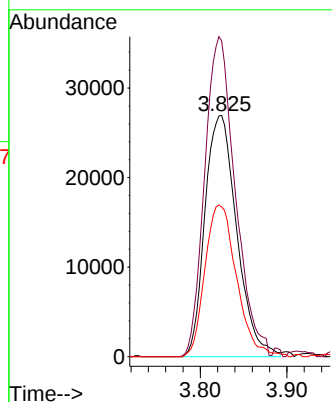
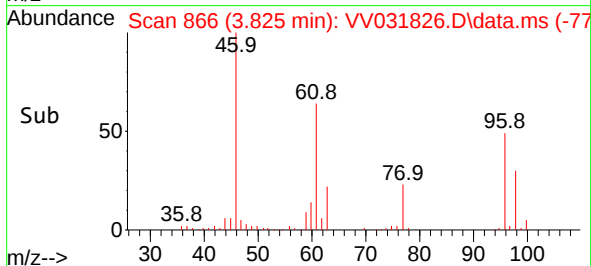


#22
 cis-1,2-Dichloroethene
 Concen: 4.993 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23

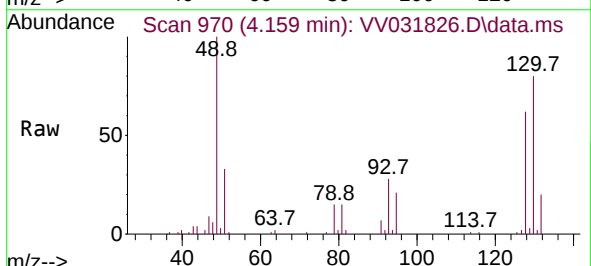
Instrument :
 MSVOA_V
 ClientSampleId :



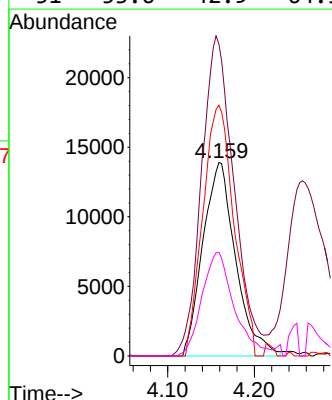
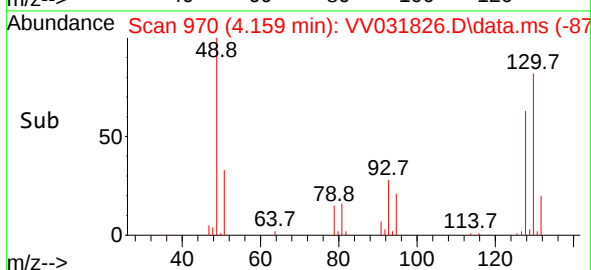
Tgt Ion: 96 Resp: 68653
 Ion Ratio Lower Upper
 96 100
 61 126.9 88.8 165.0
 98 60.2 42.1 78.3

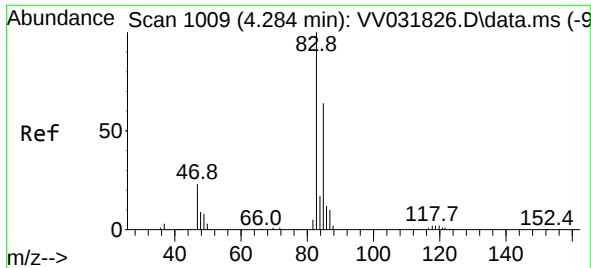


#23
 Bromochloromethane
 Concen: 5.282 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23



Tgt Ion: 128 Resp: 36547
 Ion Ratio Lower Upper
 128 100
 49 165.3 115.7 214.9
 130 129.6 90.7 168.5
 51 53.6 42.9 64.3

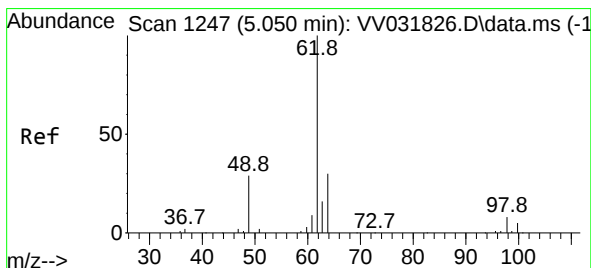
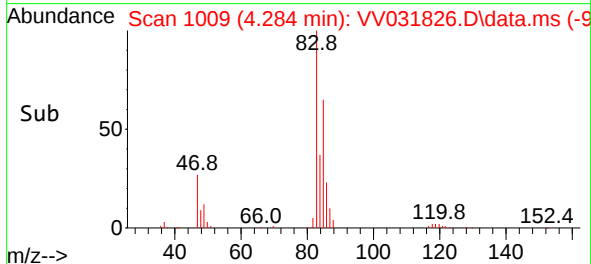
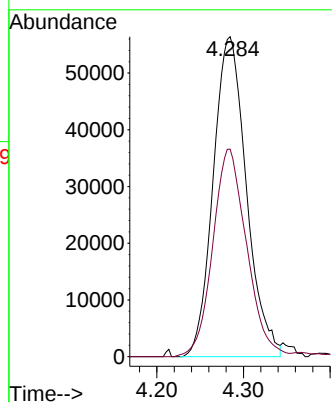
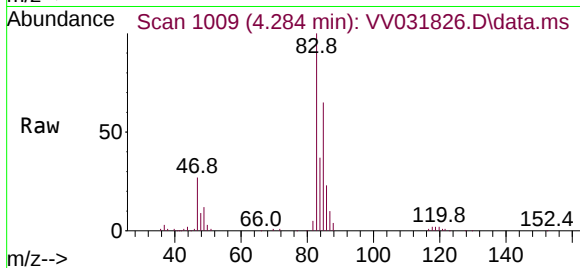




#25
Chloroform
Concen: 5.080 ug/L
RT: 4.284 min Scan# 1009
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

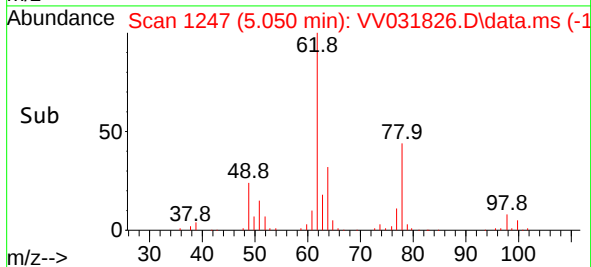
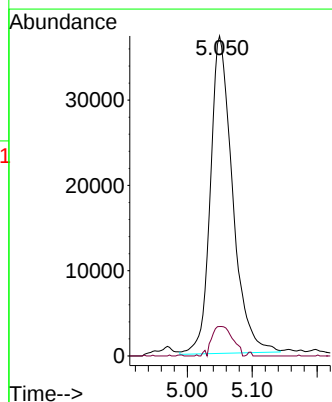
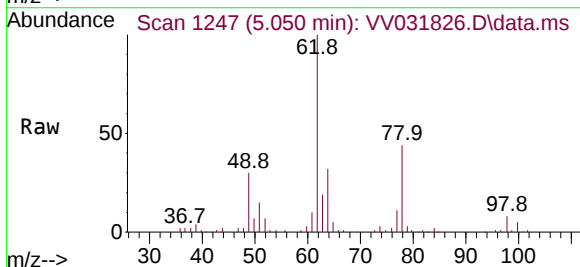
Instrument :
MSVOA_V
ClientSampleId :

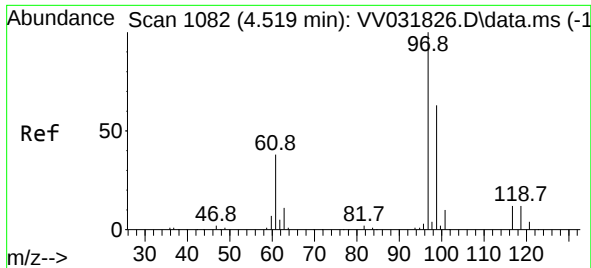
Tgt Ion: 83 Resp: 150212
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.766 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

Tgt Ion: 62 Resp: 88299
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 4.799 ug/L

RT: 4.519 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

Instrument :

MSVOA_V

ClientSampleId :

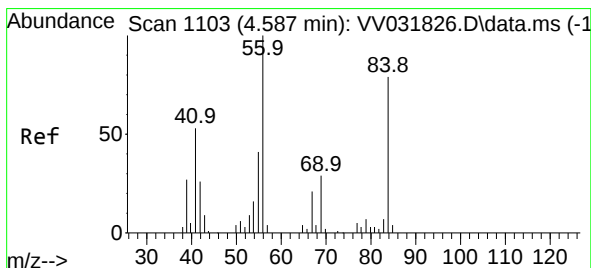
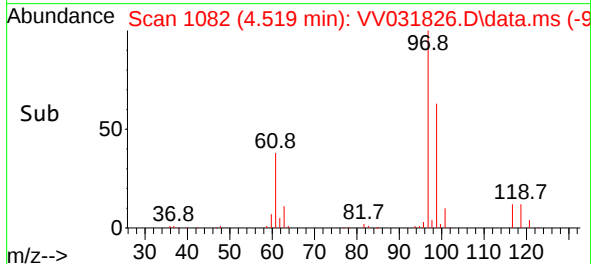
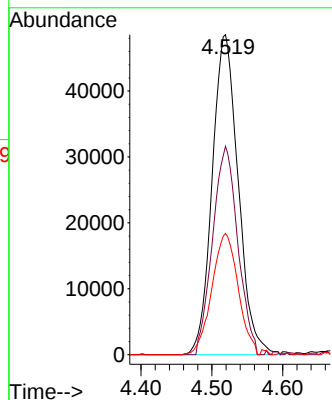
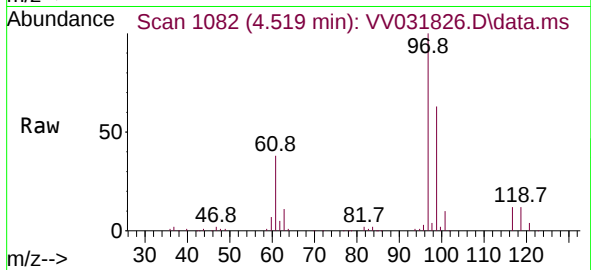
Tgt Ion: 97 Resp: 123904

Ion Ratio Lower Upper

97 100

99 63.0 50.4 75.6

61 38.3 30.6 46.0



#30

Cyclohexane

Concen: 4.380 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

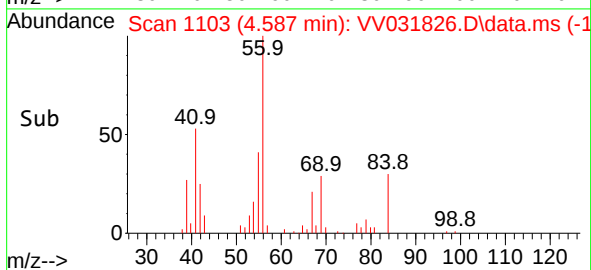
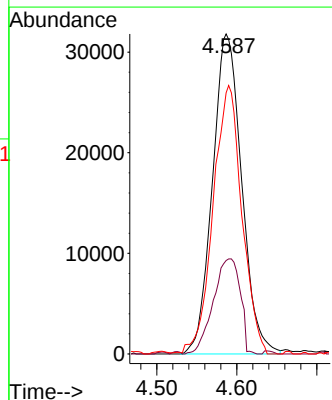
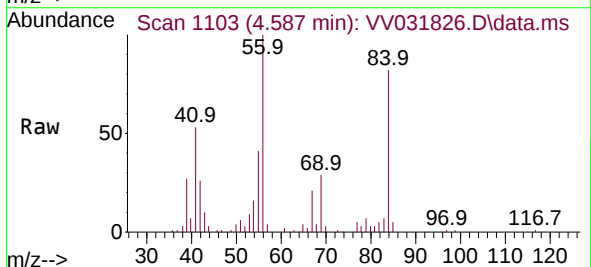
Tgt Ion: 56 Resp: 80595

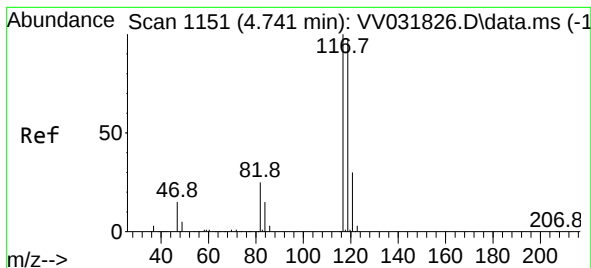
Ion Ratio Lower Upper

56 100

69 27.4 21.9 32.9

84 82.7 66.2 99.2





#31

Carbon tetrachloride

Concen: 5.041 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

Instrument :

MSVOA_V

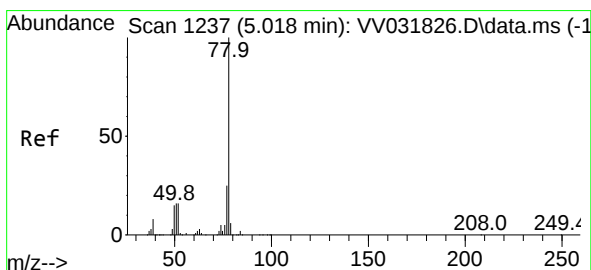
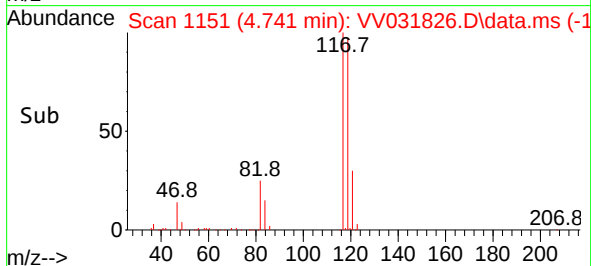
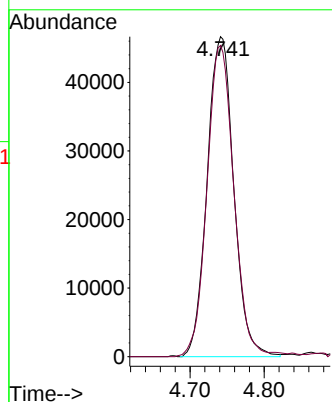
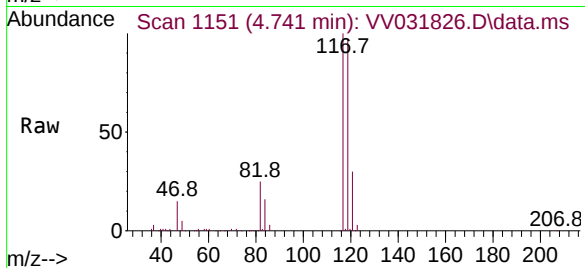
ClientSampleId :

Tgt Ion:117 Resp: 116544

Ion Ratio Lower Upper

117 100

119 97.4 77.9 116.9



#33

Benzene

Concen: 5.134 ug/L

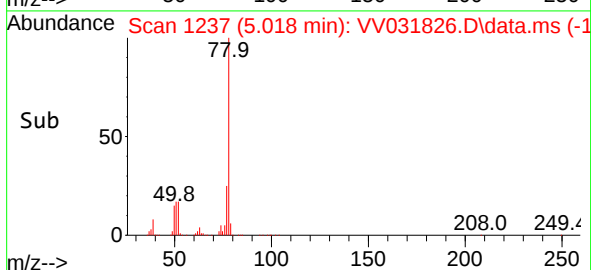
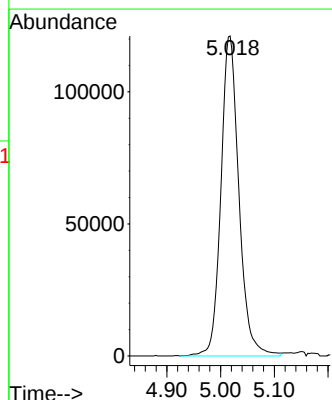
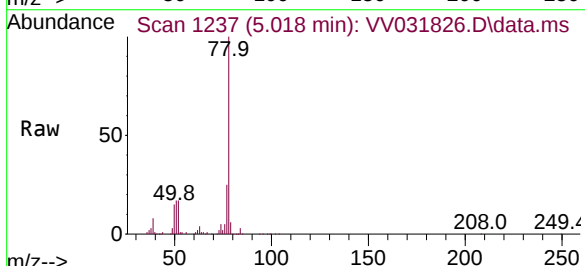
RT: 5.018 min Scan# 1237

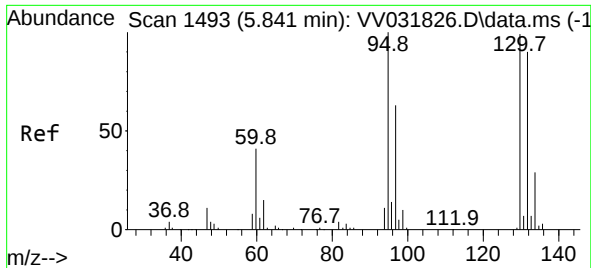
Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

Tgt Ion: 78 Resp: 281641



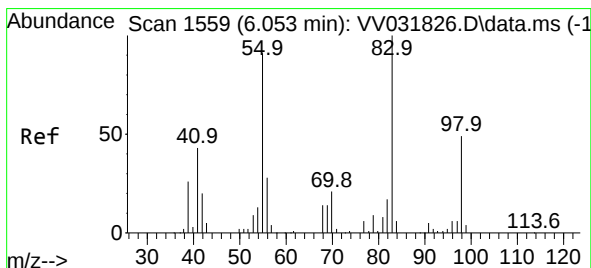
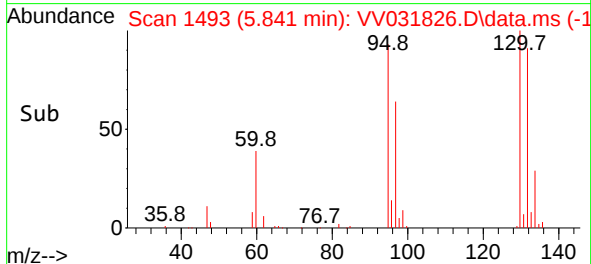
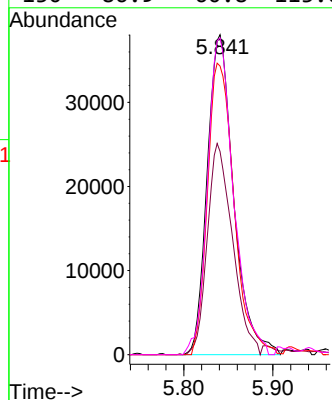
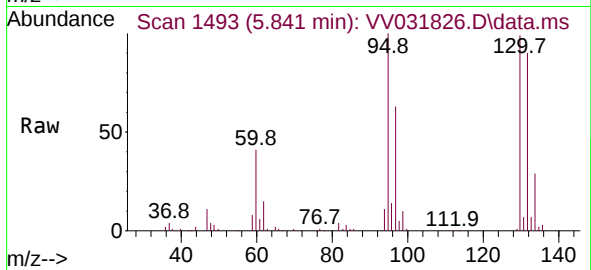


#34
Trichloroethene
Concen: 5.048 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 78552

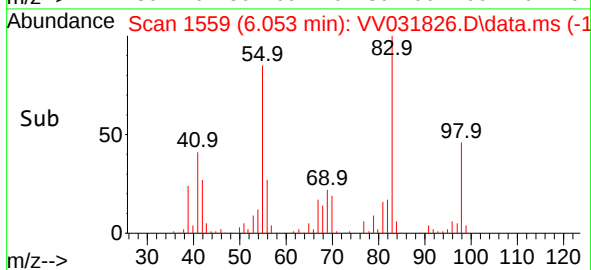
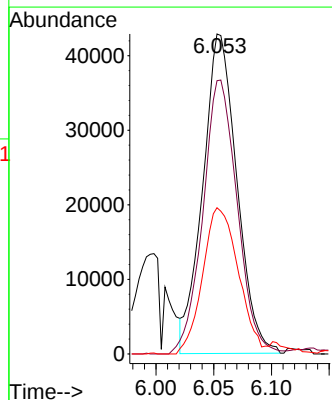
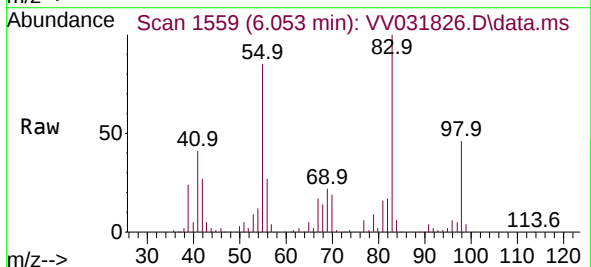
Ion	Ratio	Lower	Upper
95	100		
97	55.7	39.0	72.4
132	79.2	55.4	103.0
130	86.9	60.8	113.0

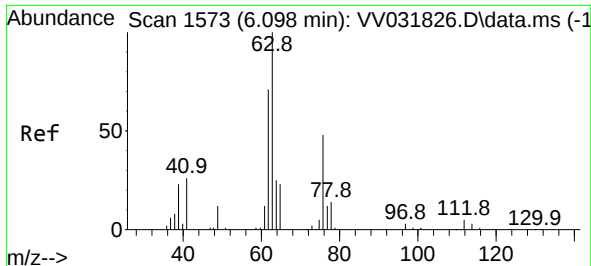


#35
Methylcyclohexane
Concen: 4.640 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

Tgt Ion: 83 Resp: 88015

Ion	Ratio	Lower	Upper
83	100		
55	86.4	69.1	103.7
98	48.1	38.5	57.7





#37

1,2-Dichloropropane

Concen: 5.108 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

Instrument :

MSVOA_V

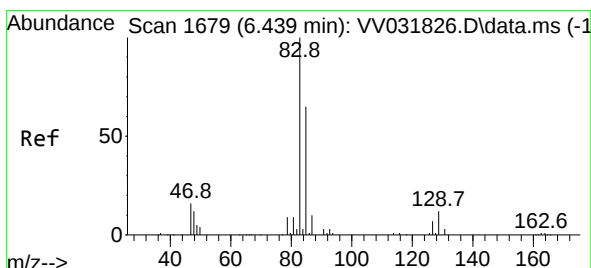
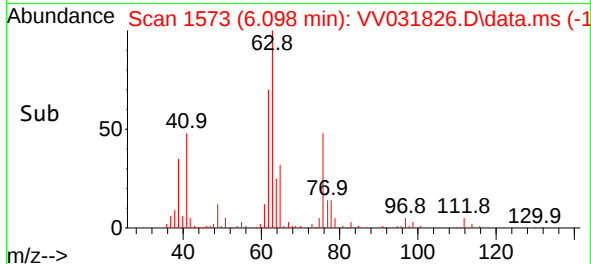
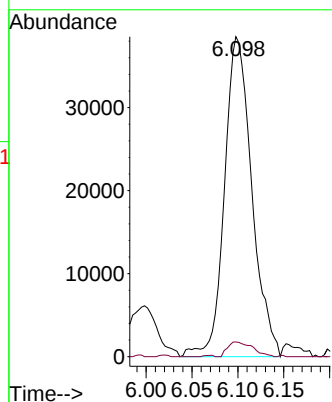
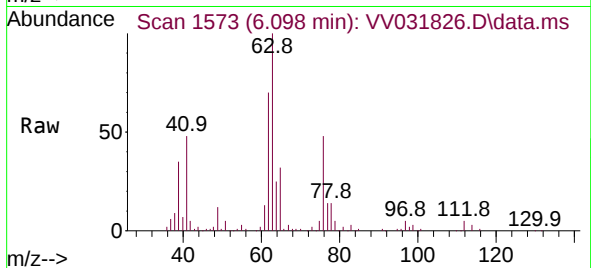
ClientSampleId :

Tgt Ion: 63 Resp: 79968

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 4.866 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

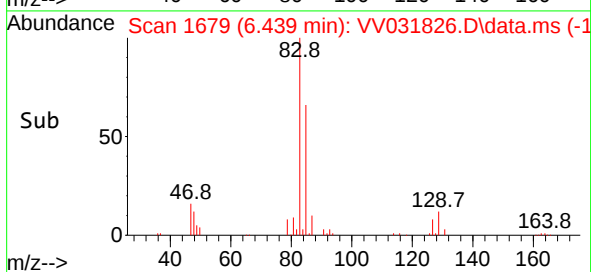
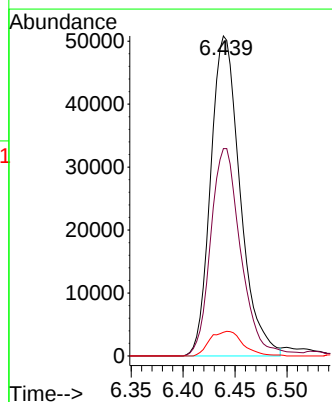
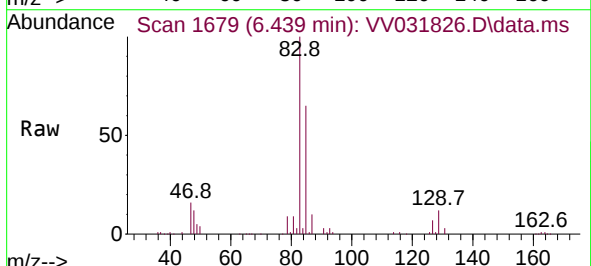
Tgt Ion: 83 Resp: 100268

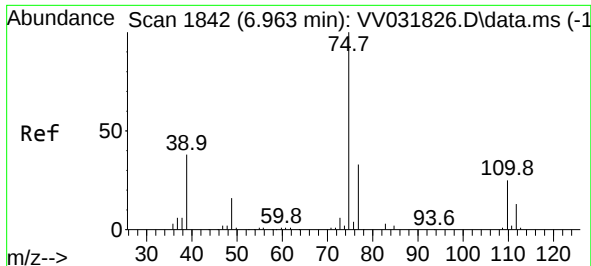
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 4.812 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

Instrument :

MSVOA_V

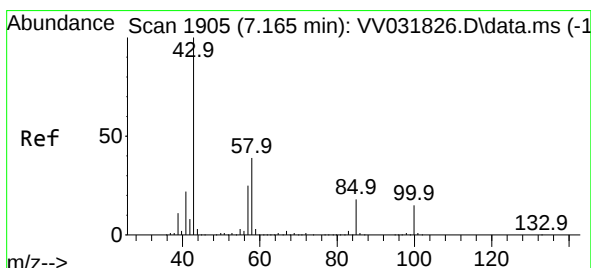
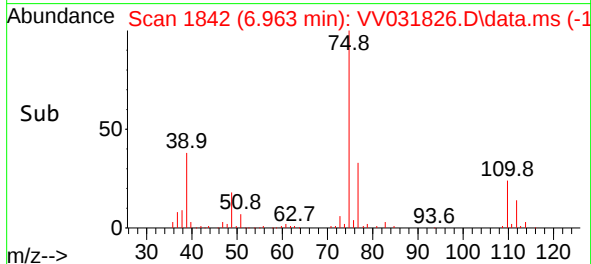
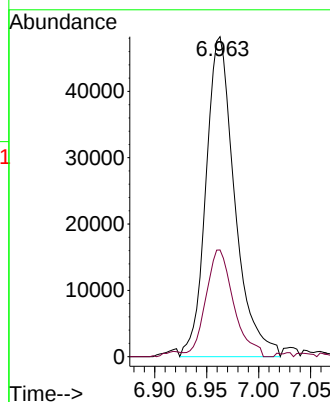
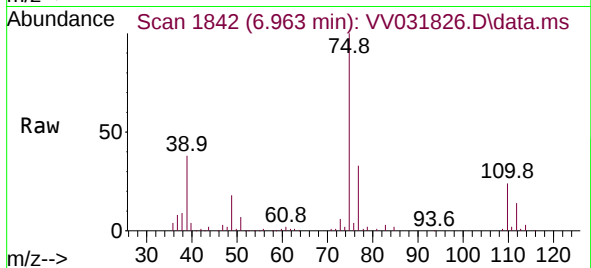
ClientSampleId :

Tgt Ion: 75 Resp: 92943

Ion Ratio Lower Upper

75 100

77 33.4 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 51.368 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

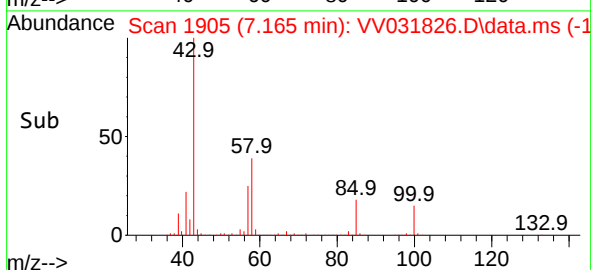
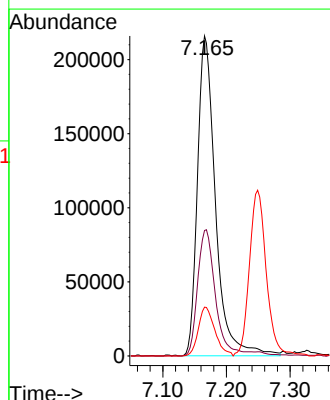
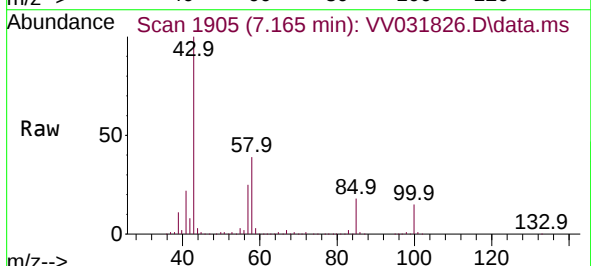
Tgt Ion: 43 Resp: 425377

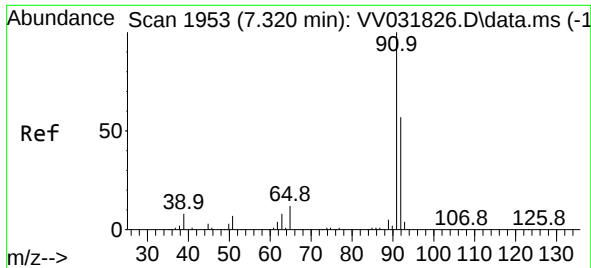
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2

100 14.0 11.2 16.8





#42

Toluene

Concen: 5.551 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

Instrument :

MSVOA_V

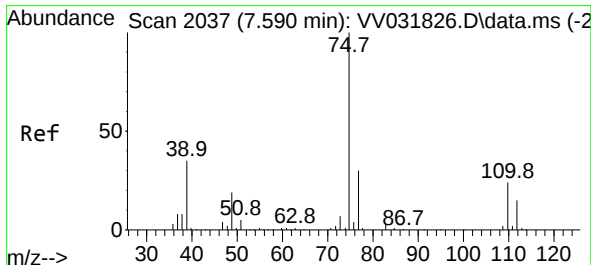
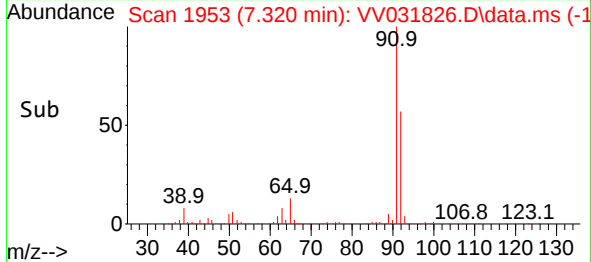
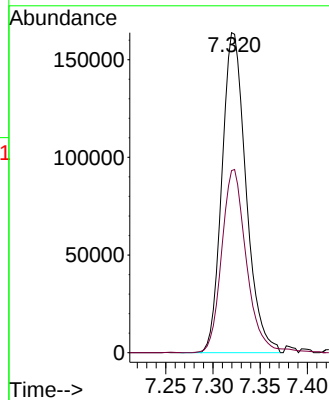
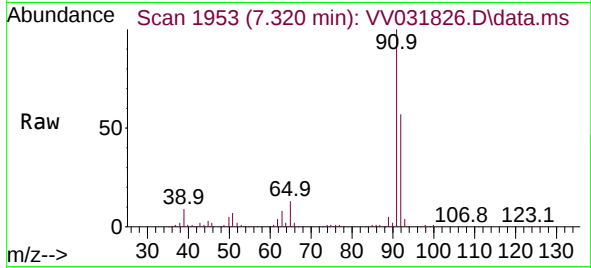
ClientSampleId :

Tgt Ion: 91 Resp: 290070

Ion Ratio Lower Upper

91 100

92 56.9 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 5.229 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.000 min

Lab File: VV031826.D

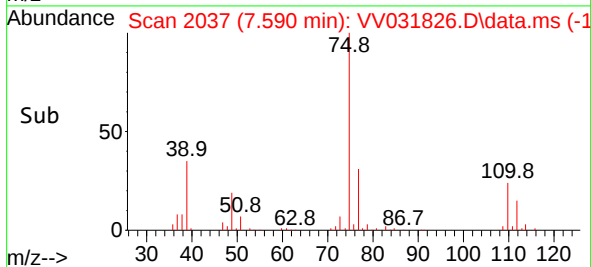
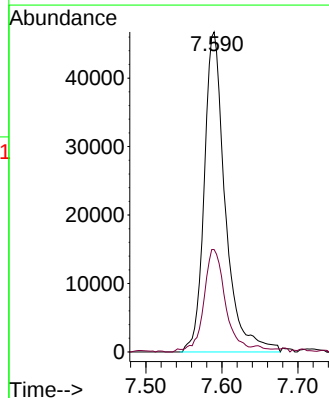
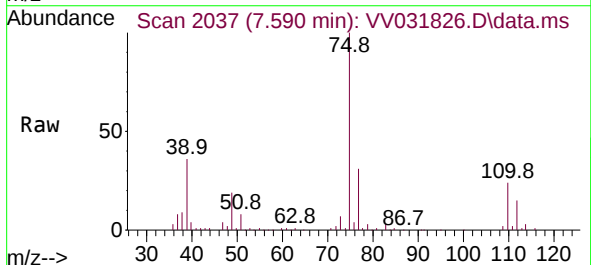
Acq: 17 Aug 2023 12:23

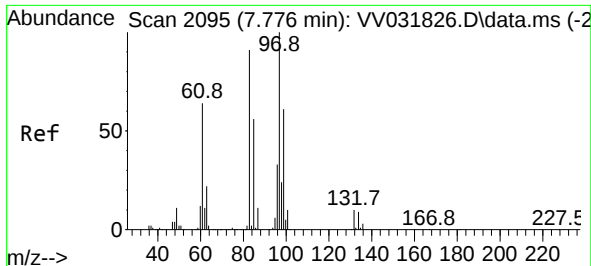
Tgt Ion: 75 Resp: 89715

Ion Ratio Lower Upper

75 100

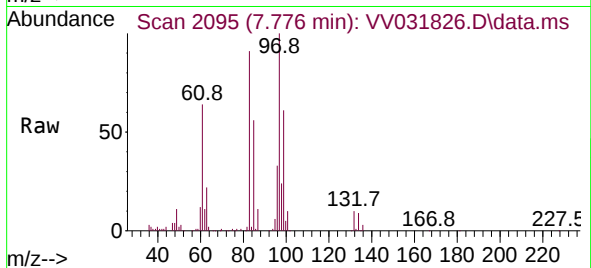
77 32.0 22.4 41.6



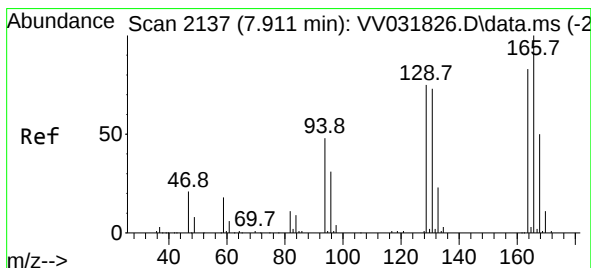
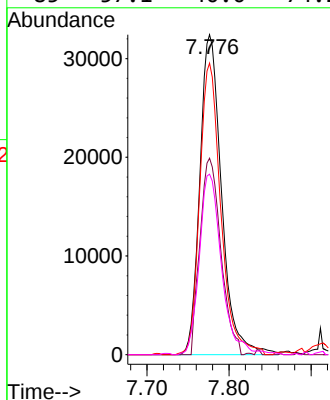
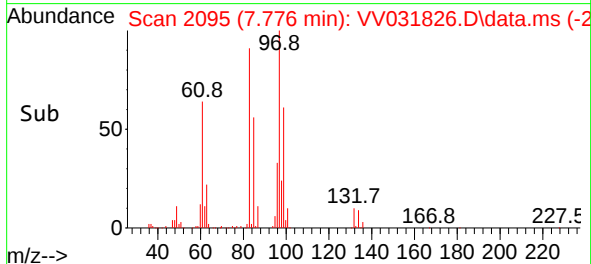


#45
1,1,2-Trichloroethane
Concen: 5.126 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

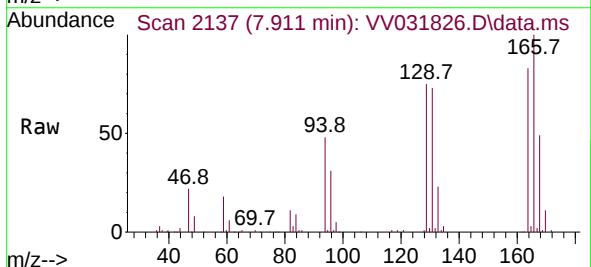
Instrument :
MSVOA_V
ClientSampleId :



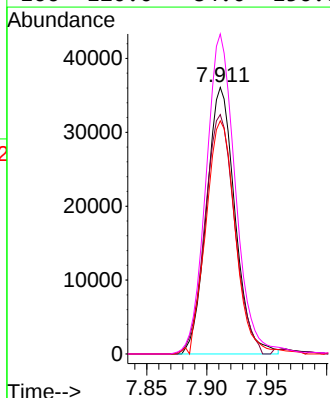
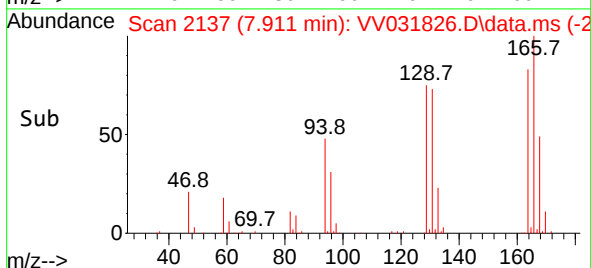
Tgt Ion:	97	Resp:	59858
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.0	79.8
83	91.1	63.8	118.4
85	57.1	40.0	74.2

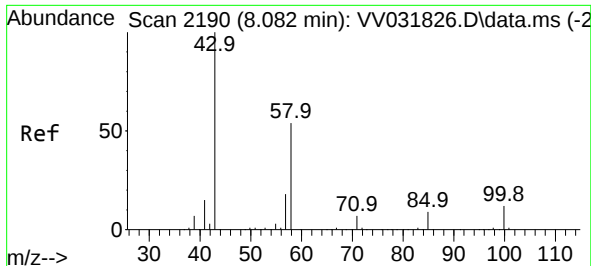


#47
Tetrachloroethene
Concen: 5.482 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23



Tgt Ion:	164	Resp:	59572
Ion	Ratio	Lower	Upper
164	100		
129	89.8	62.9	116.7
131	87.5	61.2	113.8
166	120.0	84.0	156.0





#48

2-Hexanone

Concen: 58.216 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 355274

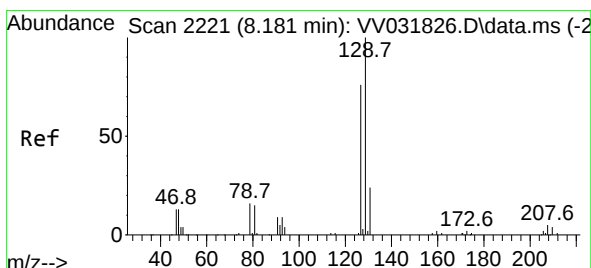
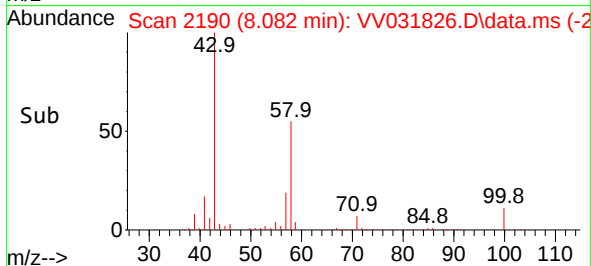
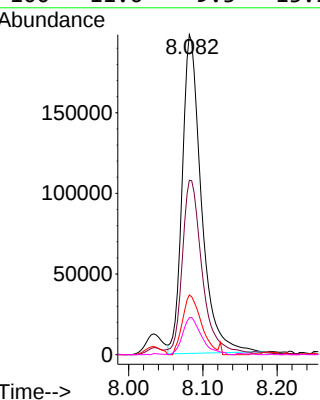
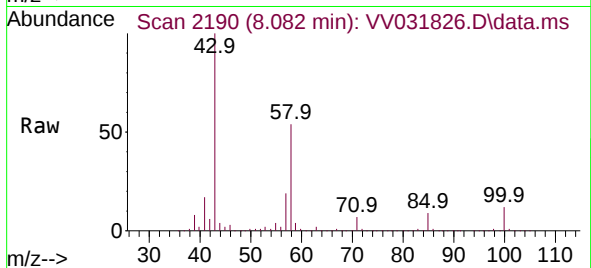
Ion Ratio Lower Upper

43 100

58 55.5 44.4 66.6

57 18.8 15.0 22.6

100 11.6 9.3 13.9



#49

Dibromochloromethane

Concen: 5.462 ug/L

RT: 8.181 min Scan# 2221

Delta R.T. 0.000 min

Lab File: VV031826.D

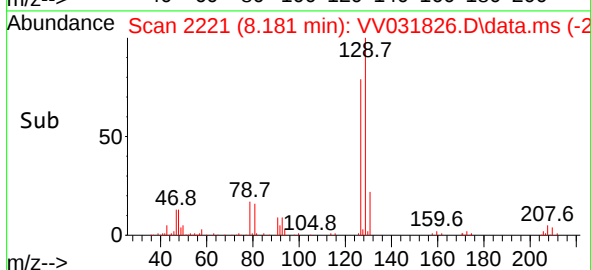
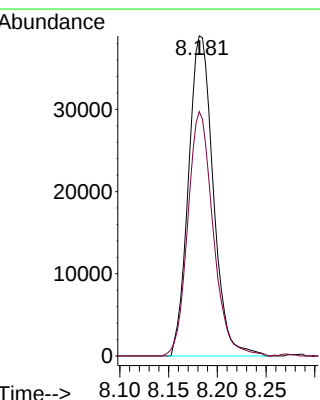
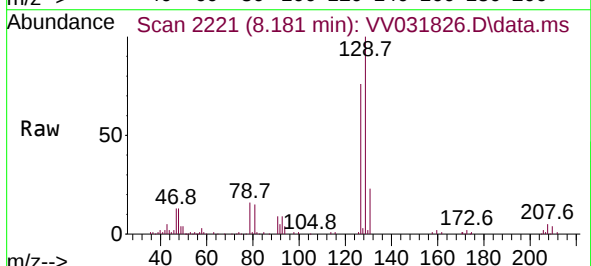
Acq: 17 Aug 2023 12:23

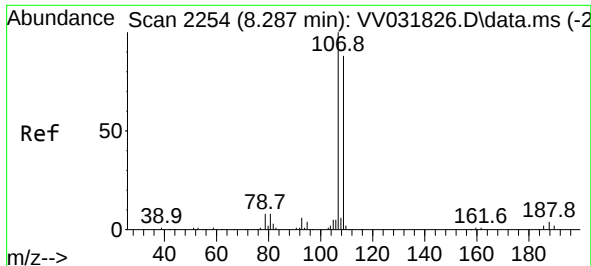
Tgt Ion: 129 Resp: 69034

Ion Ratio Lower Upper

129 100

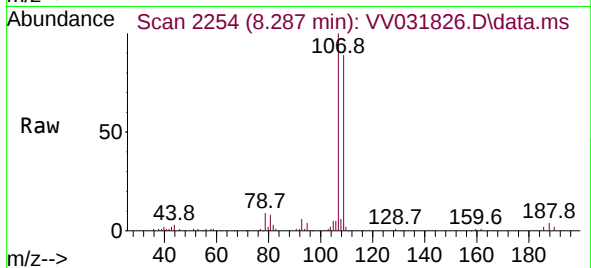
127 79.4 55.6 103.2



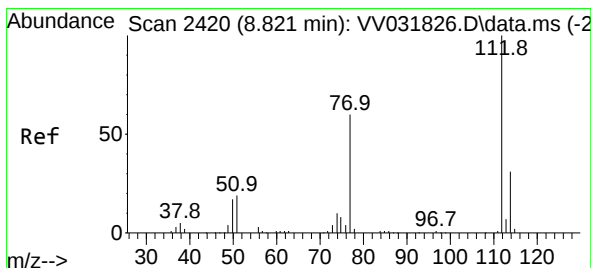
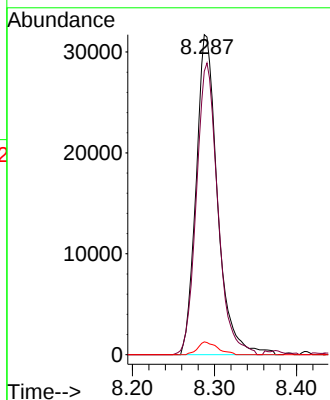
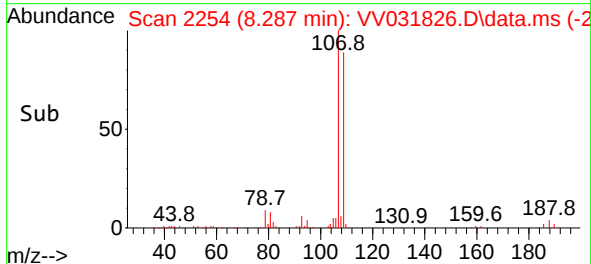


#50
 1,2-Dibromoethane
 Concen: 5.246 ug/L
 RT: 8.287 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23

Instrument :
 MSVOA_V
 ClientSampleId :

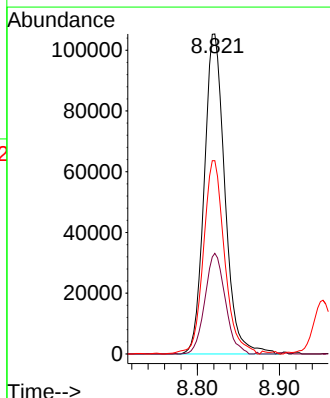
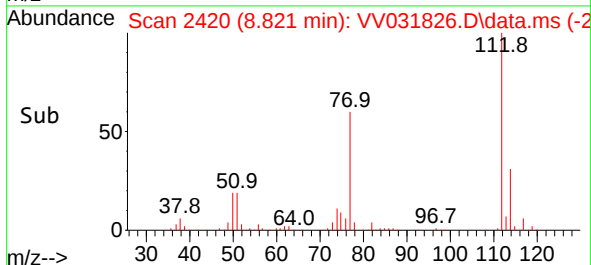
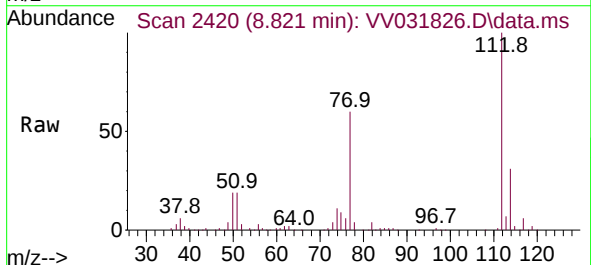


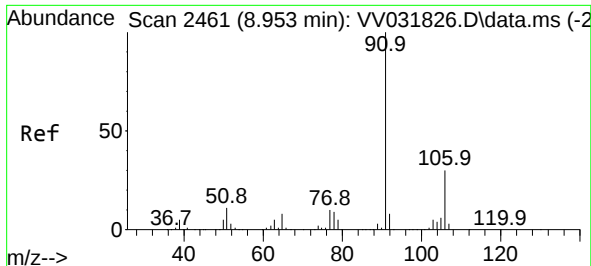
Tgt Ion:107 Resp: 57563
 Ion Ratio Lower Upper
 107 100
 109 90.8 63.6 118.0
 188 4.0 3.2 4.8



#51
 Chlorobenzene
 Concen: 5.253 ug/L
 RT: 8.821 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23

Tgt Ion:112 Resp: 184042
 Ion Ratio Lower Upper
 112 100
 114 29.3 20.5 38.1
 77 56.3 45.0 67.6





#52

Ethylbenzene

Concen: 5.299 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

Instrument :

MSVOA_V

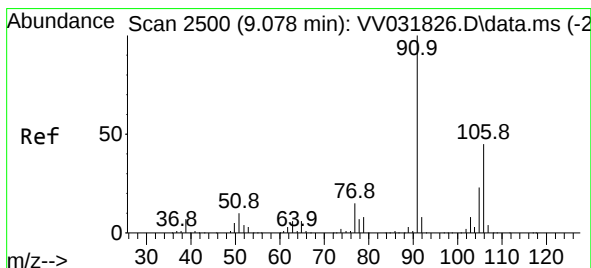
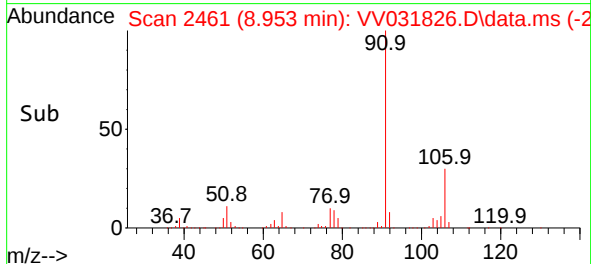
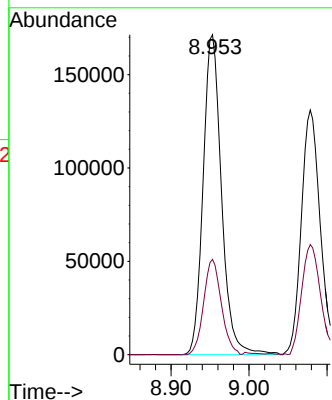
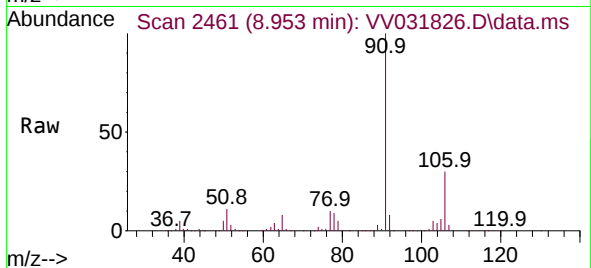
ClientSampleId :

Tgt Ion: 91 Resp: 280601

Ion Ratio Lower Upper

91 100

106 29.8 20.9 38.7



#53

m,p-Xylene

Concen: 5.173 ug/L

RT: 9.078 min Scan# 2500

Delta R.T. 0.000 min

Lab File: VV031826.D

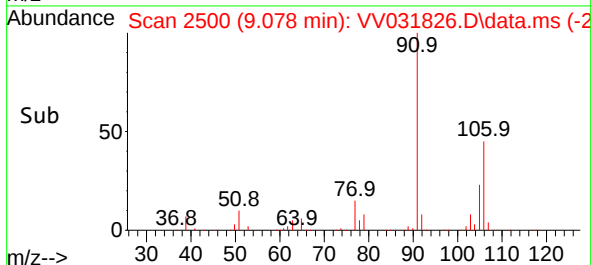
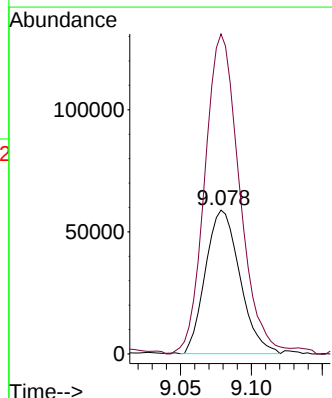
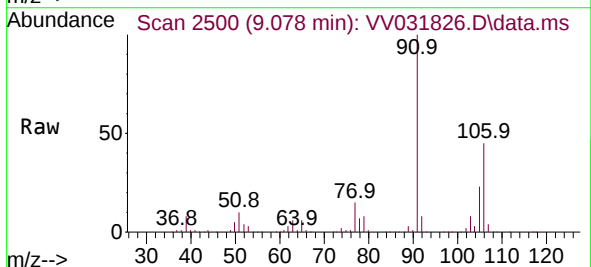
Acq: 17 Aug 2023 12:23

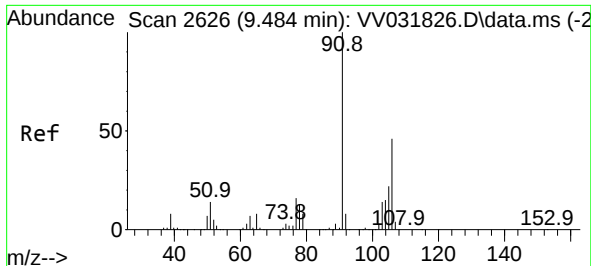
Tgt Ion:106 Resp: 99229

Ion Ratio Lower Upper

106 100

91 222.4 155.7 289.1

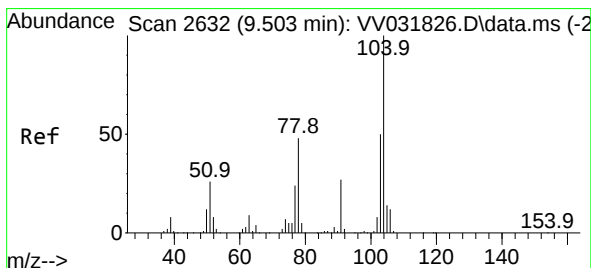
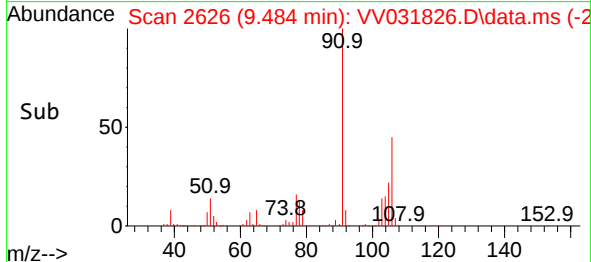
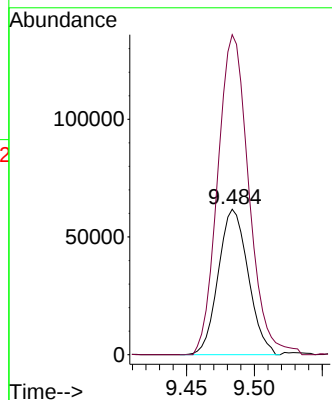
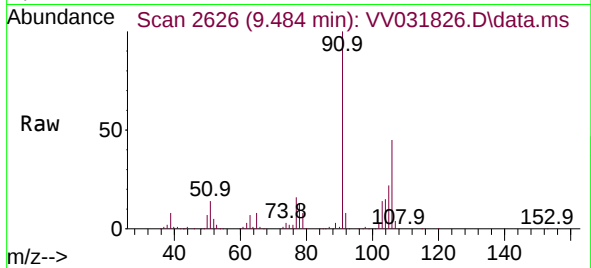




#54
o-Xylene
Concen: 5.245 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

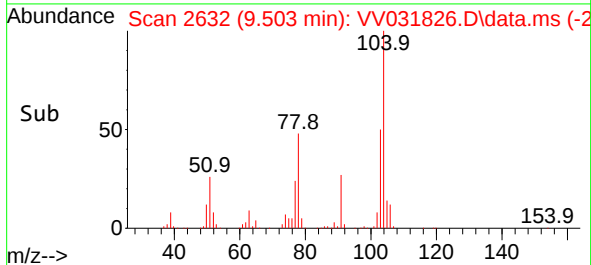
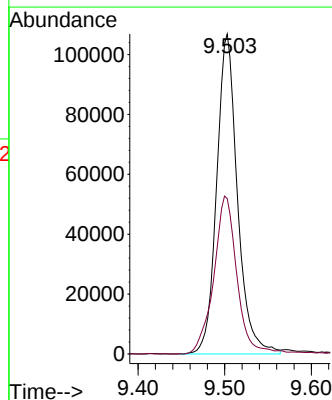
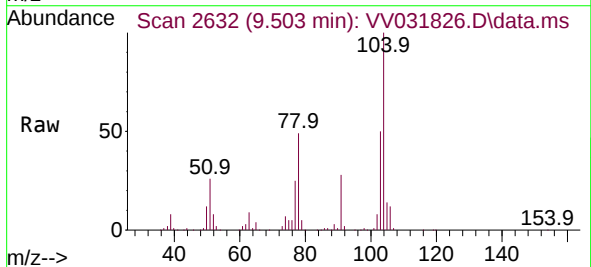
Instrument :
MSVOA_V
ClientSampleId :

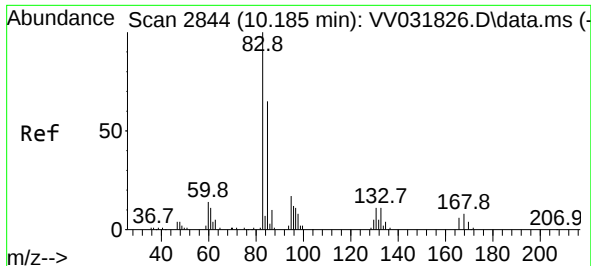
Tgt Ion:106 Resp: 94878
Ion Ratio Lower Upper
106 100
91 220.0 154.0 286.0



#55
Styrene
Concen: 5.262 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

Tgt Ion:104 Resp: 178064
Ion Ratio Lower Upper
104 100
78 48.5 33.9 63.0

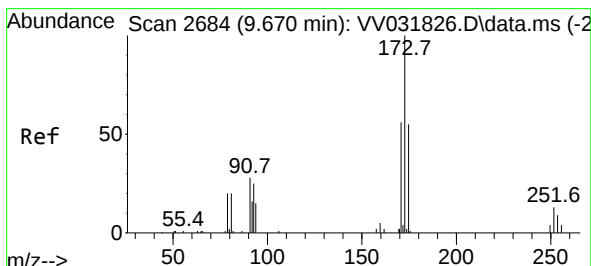
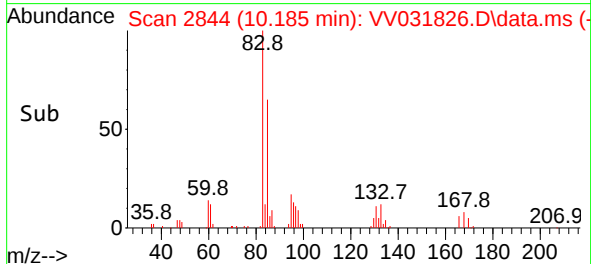
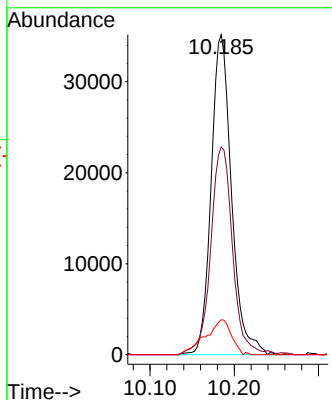
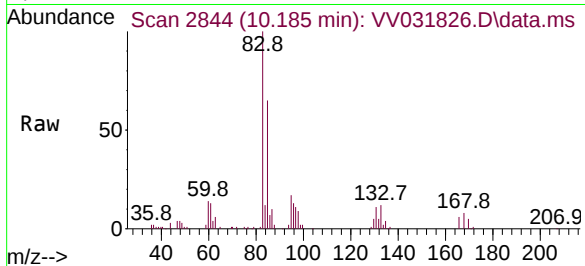




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.805 ug/L
 RT: 10.185 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23

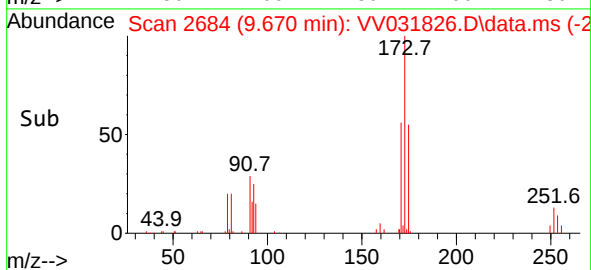
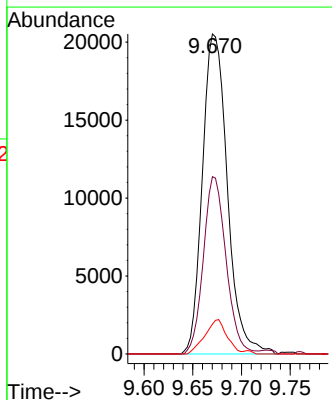
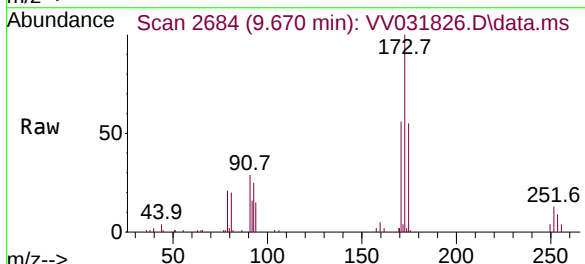
Instrument :
 MSVOA_V
 ClientSampleId :

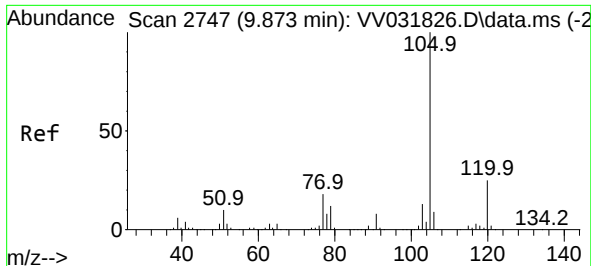
Tgt Ion:	83	Resp:	59015
Ion	Ratio	Lower	Upper
83	100		
85	64.9	45.4	84.4
131	10.9	8.7	13.1



#59
 Bromoform
 Concen: 4.410 ug/L
 RT: 9.670 min Scan# 2684
 Delta R.T. 0.000 min
 Lab File: VV031826.D
 Acq: 17 Aug 2023 12:23

Tgt Ion:	173	Resp:	36576
Ion	Ratio	Lower	Upper
173	100		
175	50.5	40.4	60.6
254	9.5	7.6	11.4

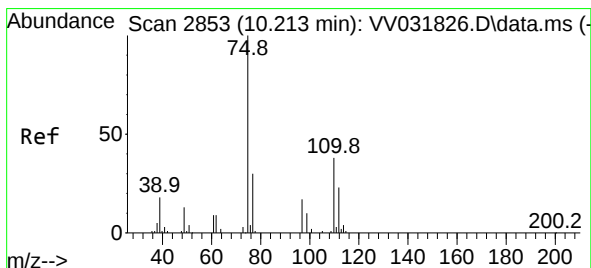
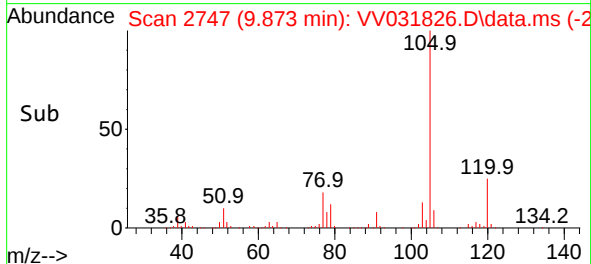
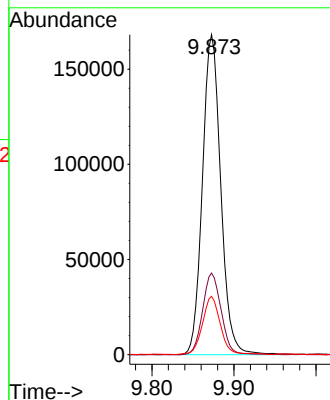
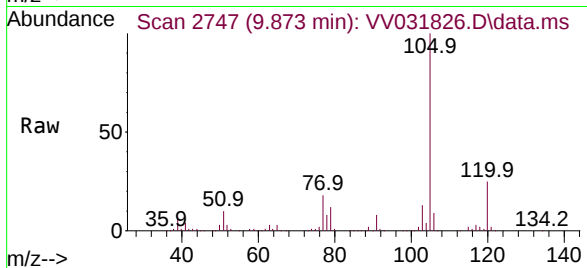




#60
Isopropylbenzene
Concen: 4.696 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

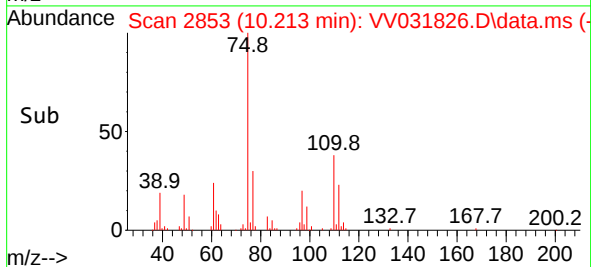
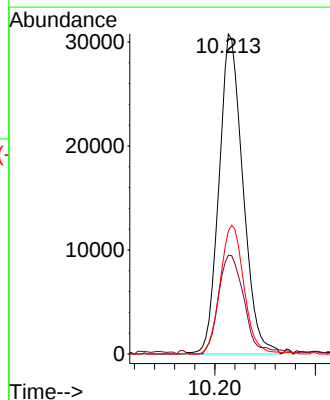
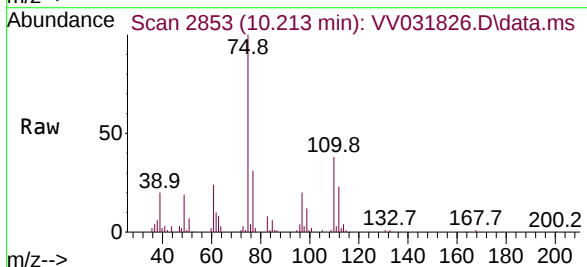
Instrument :
MSVOA_V
ClientSampleId :

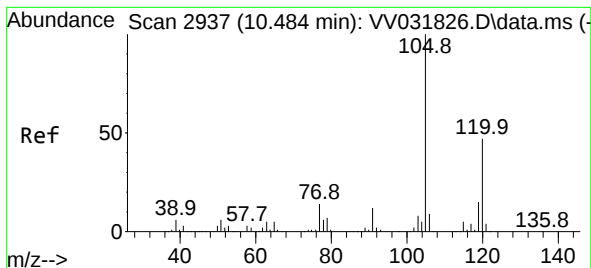
Tgt Ion:105 Resp: 261477
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 17.7 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 4.595 ug/L
RT: 10.213 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

Tgt Ion: 75 Resp: 50805
Ion Ratio Lower Upper
75 100
77 33.3 26.6 40.0
110 40.0 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 4.492 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

Instrument :

MSVOA_V

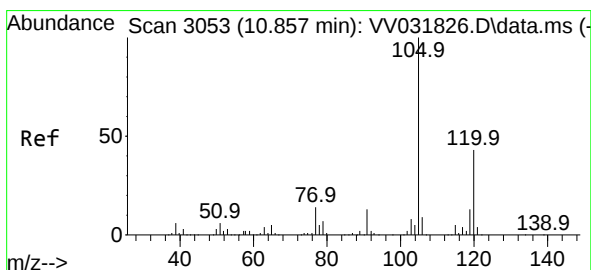
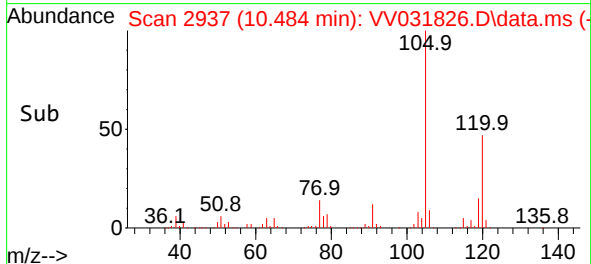
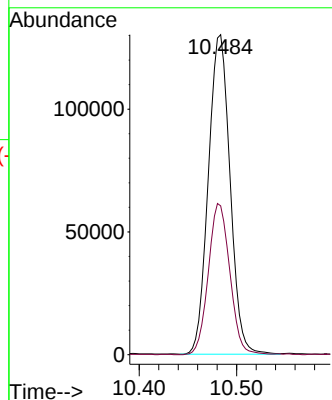
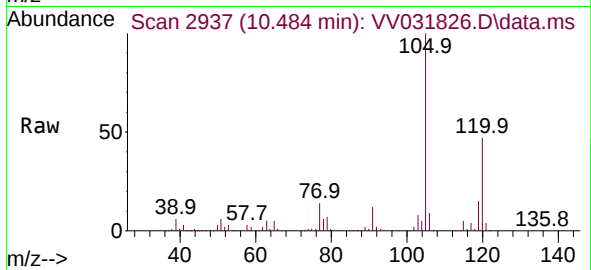
ClientSampleId :

Tgt Ion:105 Resp: 201708

Ion Ratio Lower Upper

105 100

120 46.9 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 4.566 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV031826.D

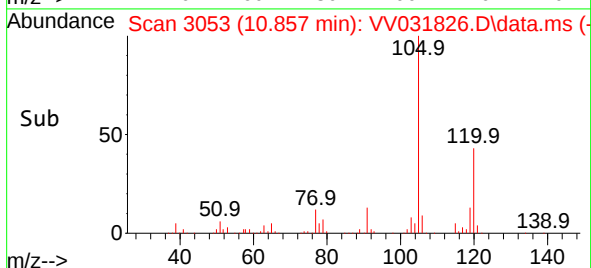
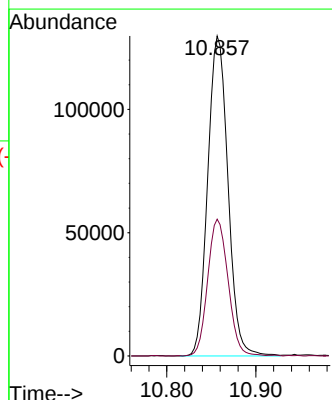
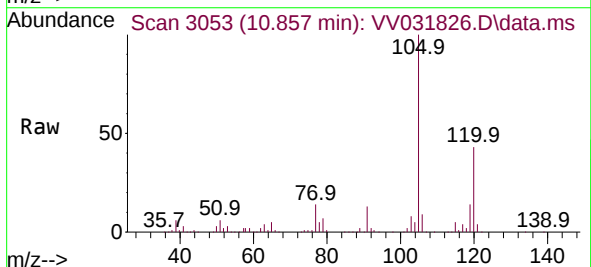
Acq: 17 Aug 2023 12:23

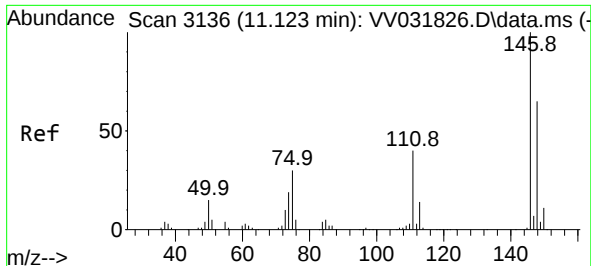
Tgt Ion:105 Resp: 204712

Ion Ratio Lower Upper

105 100

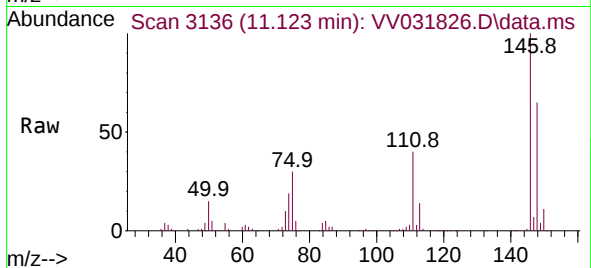
120 43.1 34.5 51.7



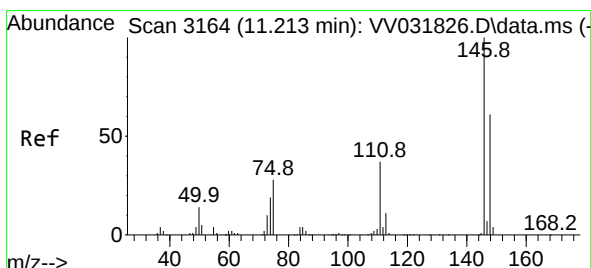
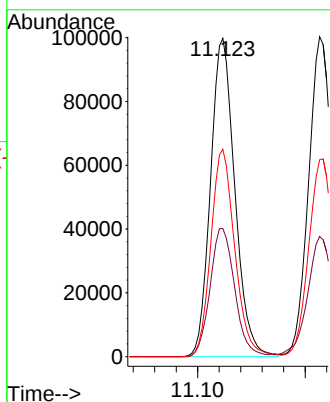
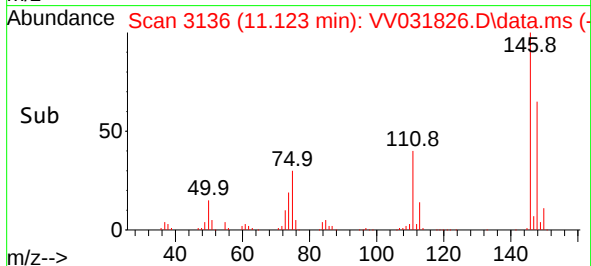


#64
1,3-Dichlorobenzene
Concen: 5.140 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

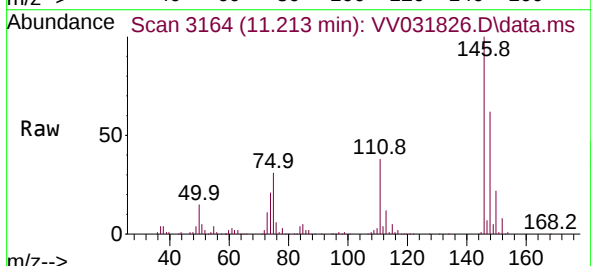
Instrument :
MSVOA_V
ClientSampleId :



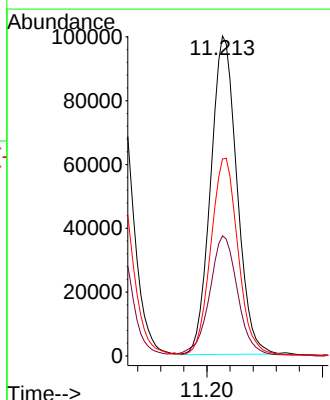
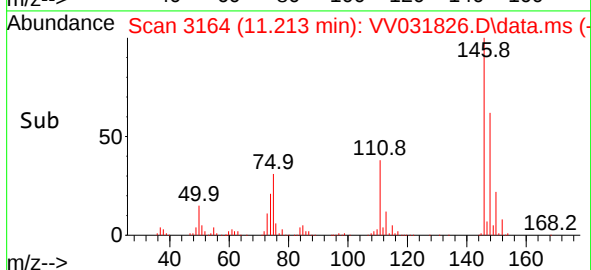
Tgt Ion:146 Resp: 156494
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 65.1 45.6 84.6

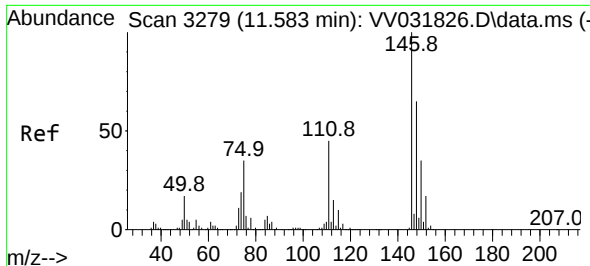


#65
1,4-Dichlorobenzene
Concen: 4.929 ug/L
RT: 11.213 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23



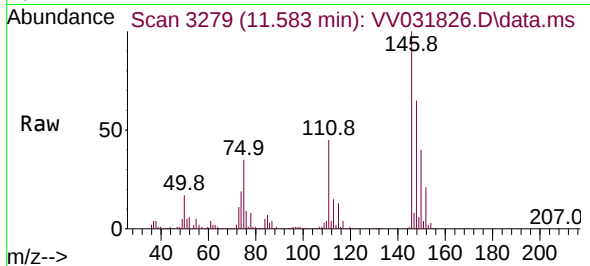
Tgt Ion:146 Resp: 157530
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.8
148 61.5 43.0 80.0



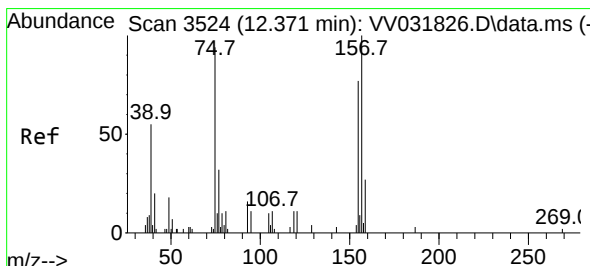
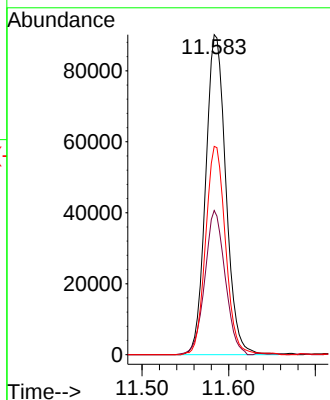
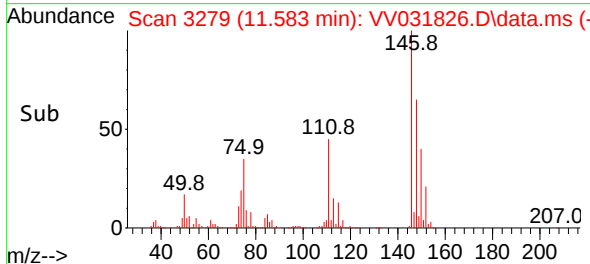


#67
1,2-Dichlorobenzene
Concen: 5.054 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

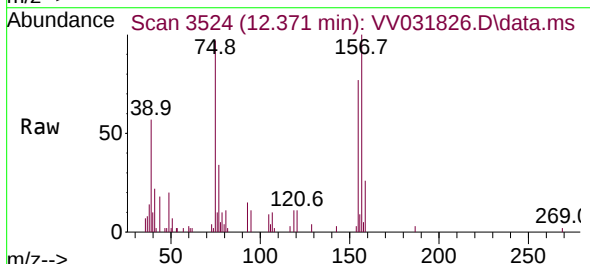
Instrument :
MSVOA_V
ClientSampleId :



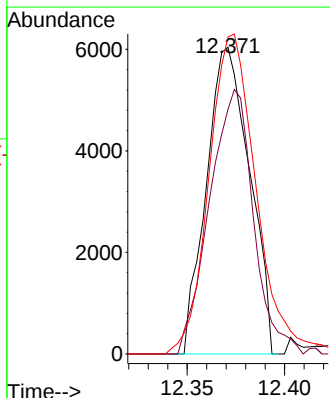
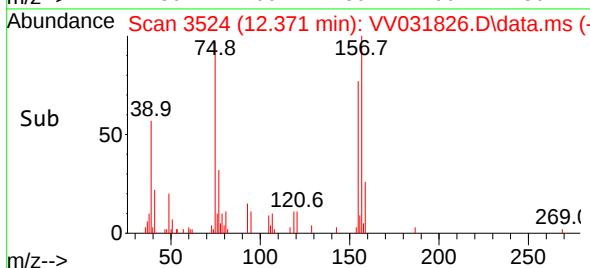
Tgt Ion:146 Resp: 146201
Ion Ratio Lower Upper
146 100
111 45.1 36.1 54.1
148 65.1 52.1 78.1

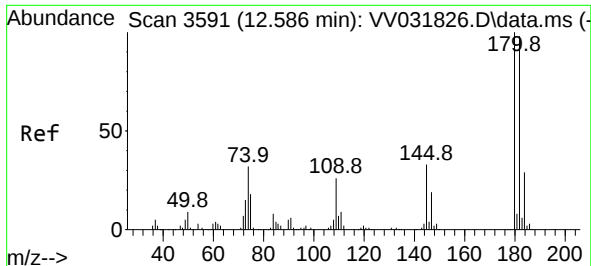


#68
1,2-Dibromo-3-chloropropane
Concen: 4.244 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23



Tgt Ion: 75 Resp: 9322
Ion Ratio Lower Upper
75 100
155 79.7 63.8 95.6
157 103.3 82.6 124.0

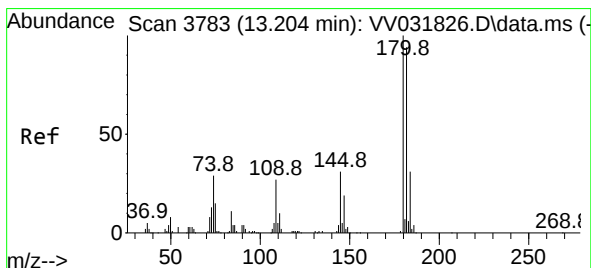
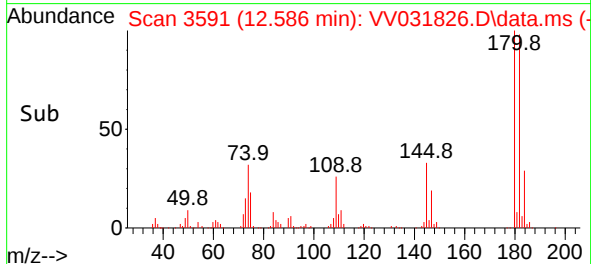
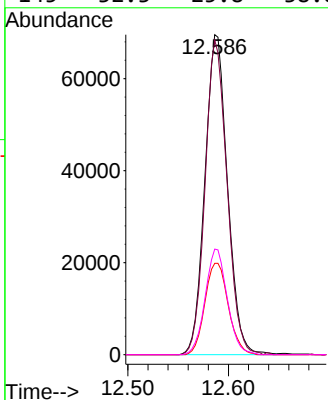
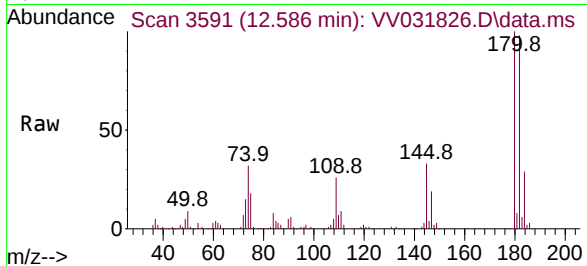




#69
1,3,5-Trichlorobenzene
Concen: 4.847 ug/L
RT: 12.586 min Scan# 3591
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

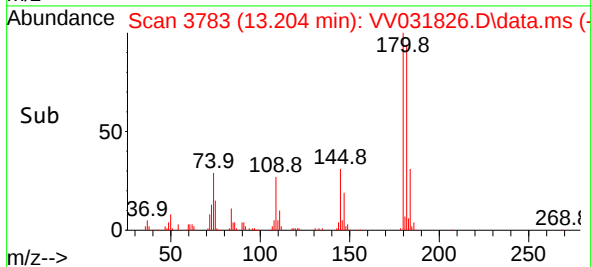
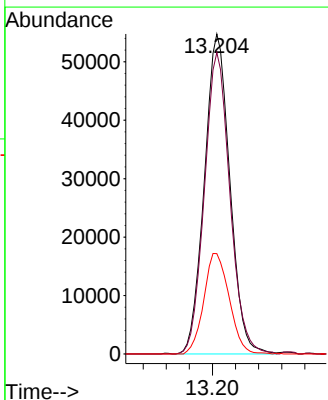
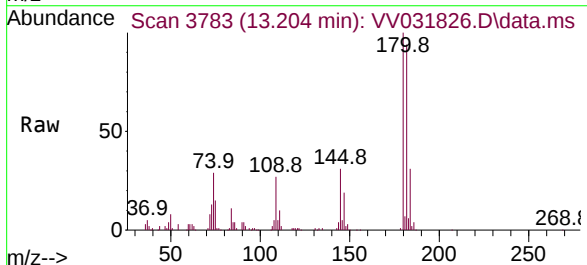
Instrument :
MSVOA_V
ClientSampleId :

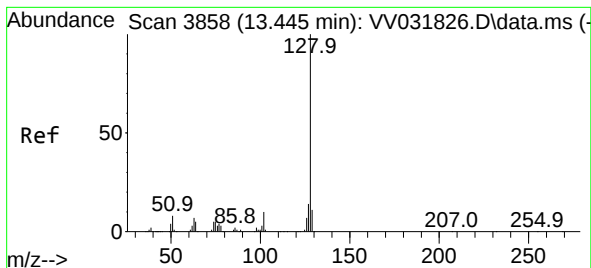
Tgt Ion:180 Resp: 108471
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
184 29.6 23.7 35.5
145 32.3 25.8 38.8



#70
1,2,4-trichlorobenzene
Concen: 4.780 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.000 min
Lab File: VV031826.D
Acq: 17 Aug 2023 12:23

Tgt Ion:180 Resp: 83943
Ion Ratio Lower Upper
180 100
182 94.0 75.2 112.8
145 31.2 25.0 37.4





#71

Naphthalene

Concen: 4.337 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031826.D

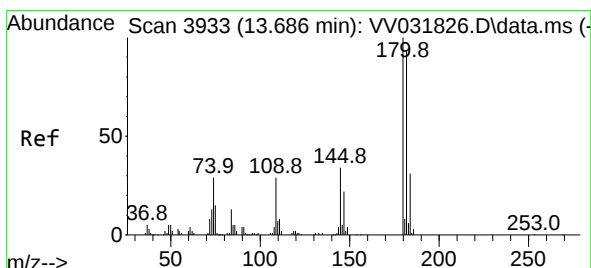
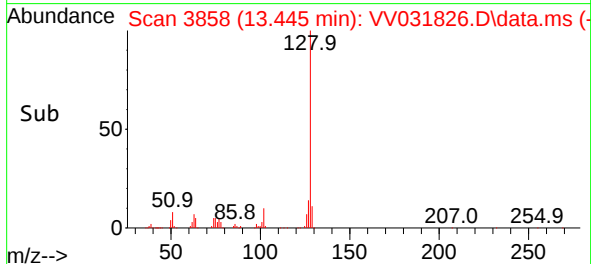
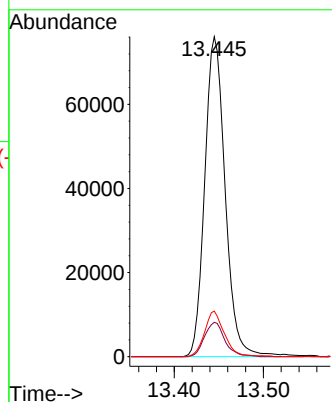
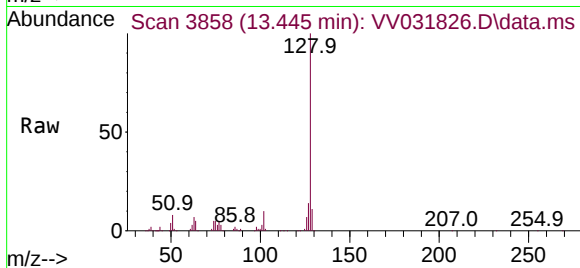
Acq: 17 Aug 2023 12:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	121033
Ion Ratio	Lower	Upper
128	100	
129	10.7	8.6 12.8
127	13.7	11.0 16.4



#72

1,2,3-Trichlorobenzene

Concen: 4.860 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031826.D

Acq: 17 Aug 2023 12:23

Tgt Ion:180	Resp:	78682
Ion Ratio	Lower	Upper
180	100	
182	94.9	75.9 113.9
145	34.5	27.6 41.4

