

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053023\
 Data File : VV031268.D
 Acq On : 30 May 2023 15:12
 Operator : SY/MD
 Sample : VSTD00549
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005249

Quant Time: May 31 04:56:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR053023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 31 04:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	120844	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	116778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	64924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	51463	4.009	ug/L	0.00
7) Chloroethane-d5	1.535	69	54303	5.183	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	26725	4.897	ug/L	0.00
20) 2-Butanone-d5	3.812	46	172979	57.766	ug/L	0.00
24) Chloroform-d	4.259	84	120919	4.634	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	68466	5.218	ug/L	0.00
32) Benzene-d6	4.969	84	232679	4.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	82060	5.070	ug/L	0.00
41) Toluene-d8	7.249	98	218102	5.220	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	26194	5.055	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	122358	55.438	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	62295	5.298	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	72496	4.760	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	94567	6.739	ug/L	100
3) Chloromethane	1.217	50	88774	5.829	ug/L	100
5) Vinyl chloride	1.285	62	88856	6.052	ug/L	100
6) Bromomethane	1.490	94	51536	6.771	ug/L	100
8) Chloroethane	1.552	64	55352	6.839	ug/L	100
9) Trichlorofluoromethane	1.716	101	134538	6.572	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	72863	6.664	ug/L	100
12) 1,1-Dichloroethene	2.072	96	62464	6.977	ug/L	100
13) Acetone	2.143	43	108863	48.080	ug/L	100
14) Carbon disulfide	2.246	76	194246	7.203	ug/L	100
15) Methyl Acetate	2.388	43	27089	5.839	ug/L	100
16) Methylene chloride	2.452	84	74527	5.471	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	138191	5.875	ug/L	100
18) trans-1,2-Dichloroethene	2.699	96	60397	6.287	ug/L	100
19) 1,1-Dichloroethane	3.117	63	135515	5.851	ug/L	100
21) 2-Butanone	3.899	43	164388	56.095	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	62883	5.797	ug/L	100
23) Bromochloromethane	4.159	128	28811	6.008	ug/L	100
25) Chloroform	4.285	83	147341	6.171	ug/L	100
27) 1,2-Dichloroethane	5.050	62	80569	6.011	ug/L	100
29) 1,1,1-Trichloroethane	4.522	97	117270	5.364	ug/L	100
30) Cyclohexane	4.590	56	111770	6.322	ug/L	100
31) Carbon tetrachloride	4.741	117	105652	5.567	ug/L	100
33) Benzene	5.018	78	272271	6.085	ug/L	100
34) Trichloroethene	5.841	95	70870	5.893	ug/L	100
35) Methylcyclohexane	6.056	83	106810	6.291	ug/L	100
37) 1,2-Dichloropropane	6.101	63	75769	5.849	ug/L	100
38) Bromodichloromethane	6.442	83	92508	5.750	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	94872	6.150	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	420814	65.387	ug/L	100
42) Toluene	7.323	91	285973	6.498	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	80651	6.050	ug/L	100

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

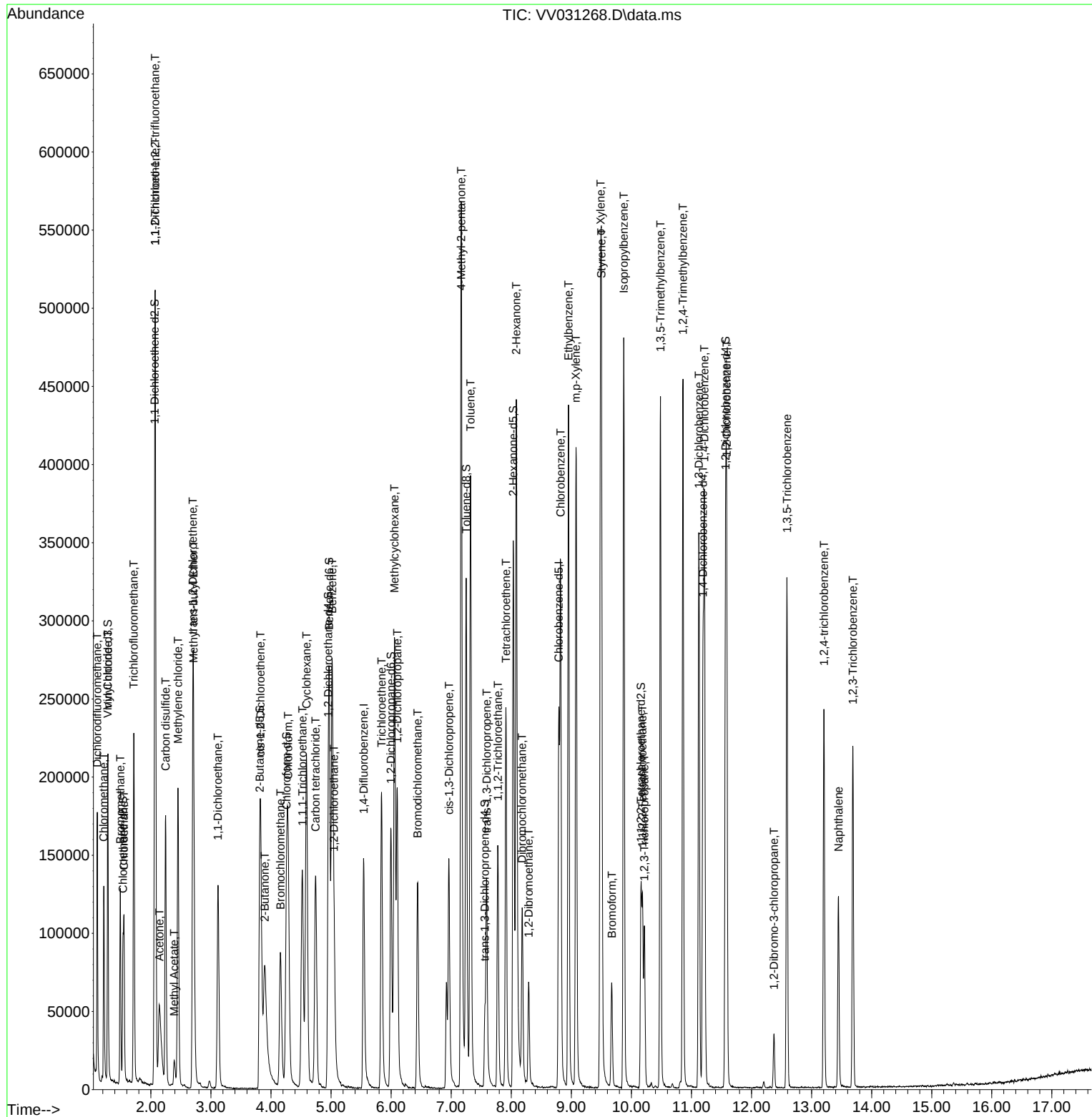
45) 1,1,2-Trichloroethane	7.776	97	48689	6.235	ug/L	100
47) Tetrachloroethene	7.911	164	53079	6.002	ug/L	100
48) 2-Hexanone	8.085	43	314229	61.697	ug/L	100
49) Dibromochloromethane	8.181	129	56314	5.820	ug/L	100
50) 1,2-Dibromoethane	8.291	107	46043	6.153	ug/L	100
51) Chlorobenzene	8.821	112	164545	5.695	ug/L	100
52) Ethylbenzene	8.953	91	292194	5.941	ug/L	100
53) m,p-Xylene	9.079	106	107299	5.927	ug/L	100
54) o-Xylene	9.487	106	99377	5.762	ug/L	100
55) Styrene	9.503	104	184157	6.037	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	57974	5.809	ug/L	100
59) Bromoform	9.673	173	30665	5.653	ug/L	100
60) Isopropylbenzene	9.873	105	283712	5.816	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	41566	5.720	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	223488	5.636	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	232935	5.743	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	133784	5.711	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	133536	5.658	ug/L	100
67) 1,2-Dichlorobenzene	11.586	146	121817	5.541	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	9327	5.774	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	92021	4.931	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	68547	4.734	ug/L	100
71) Naphthalene	13.448	128	89856	4.148	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	60808	4.888	ug/L	100

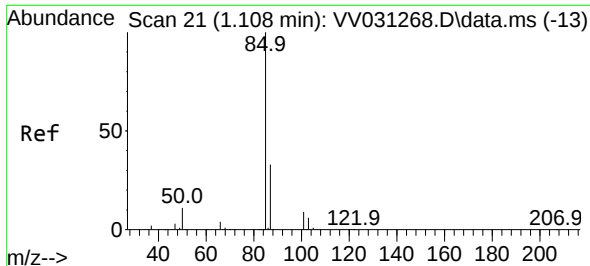
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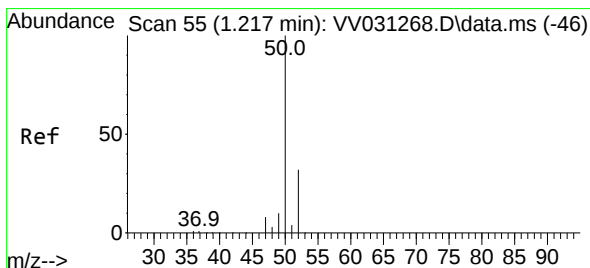
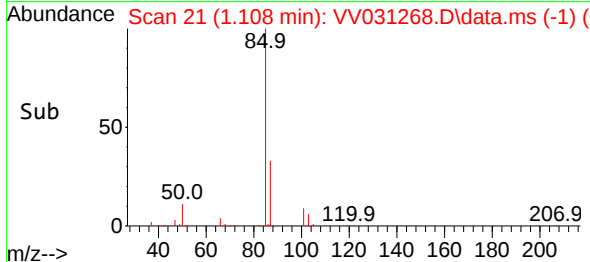
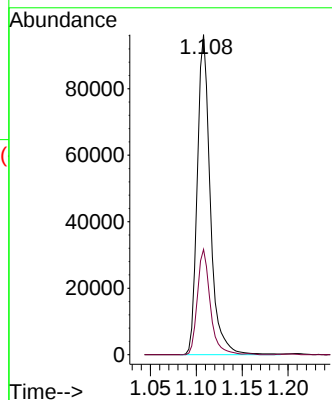
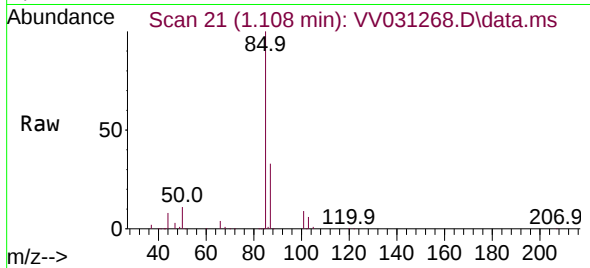




#2
 Dichlorodifluoromethane
 Concen: 6.739 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031268.D
 Acq: 30 May 2023 15:12

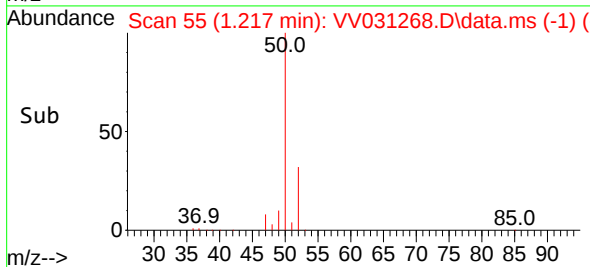
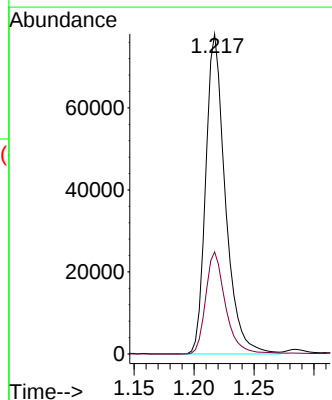
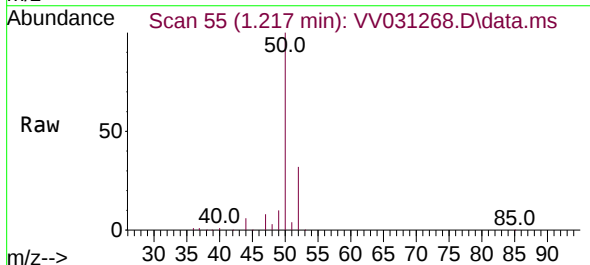
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005249

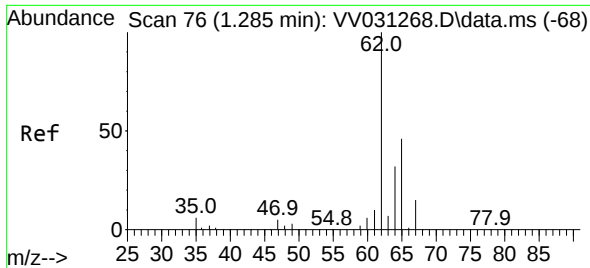
Tgt Ion: 85 Resp: 94567
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 5.829 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031268.D
 Acq: 30 May 2023 15:12

Tgt Ion: 50 Resp: 88774
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.3 41.5

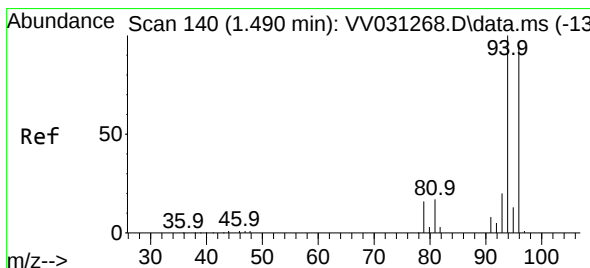
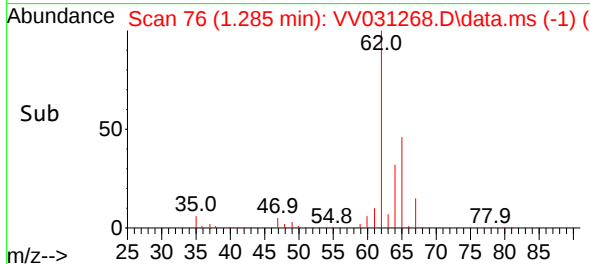
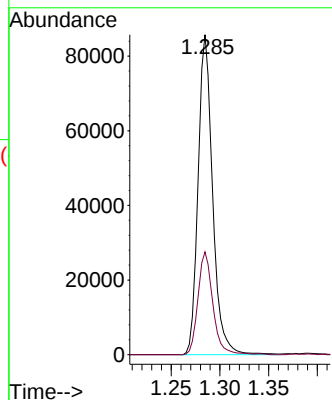
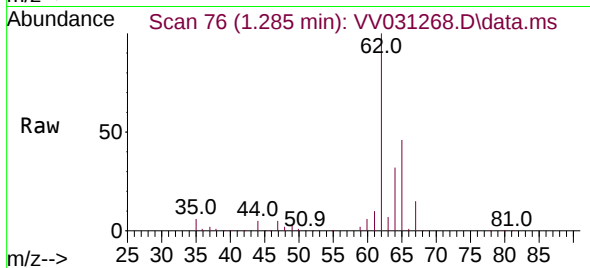




#5
 Vinyl chloride
 Concen: 6.052 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV031268.D
 Acq: 30 May 2023 15:12

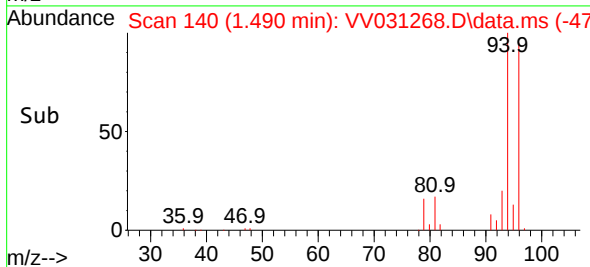
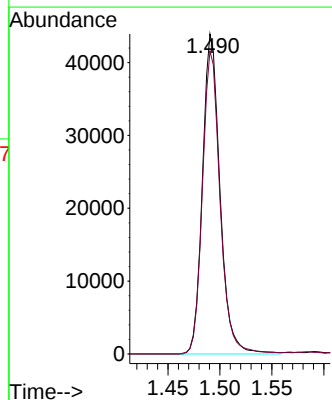
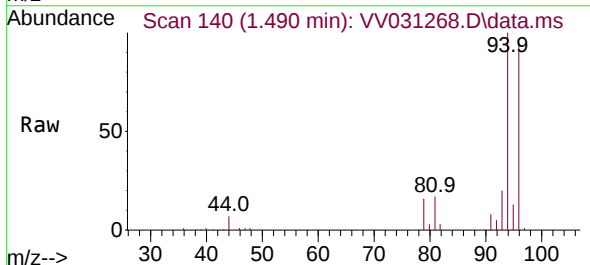
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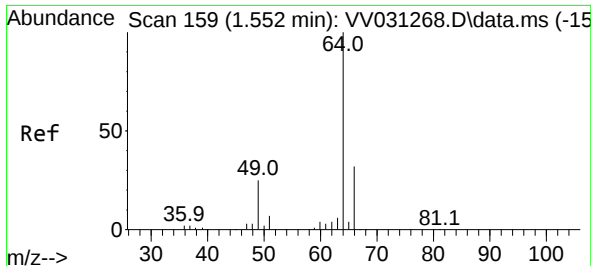
Tgt Ion: 62 Resp: 88856
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.5 41.7



#6
 Bromomethane
 Concen: 6.771 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031268.D
 Acq: 30 May 2023 15:12

Tgt Ion: 94 Resp: 51536
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.3 123.1

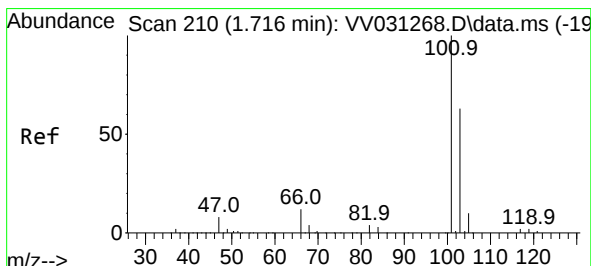
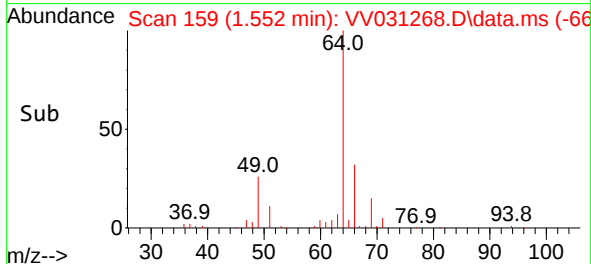
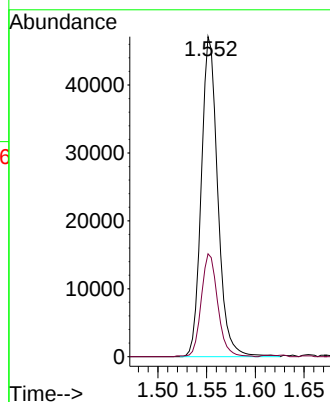
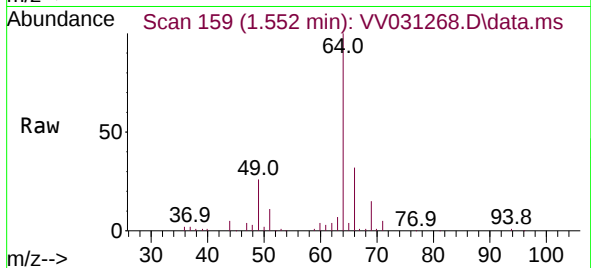




#8
Chloroethane
Concen: 6.839 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

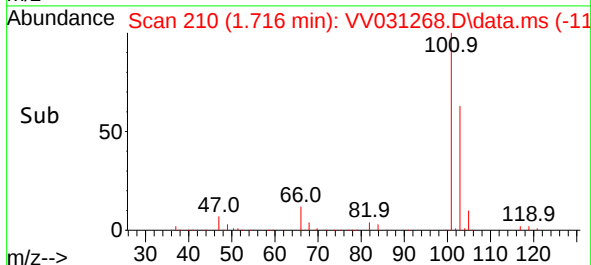
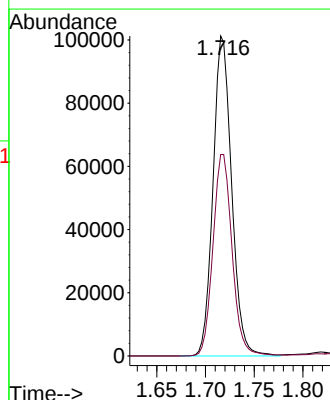
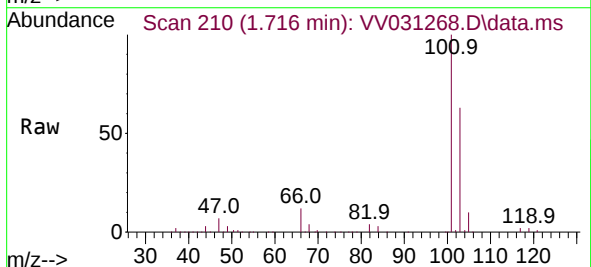
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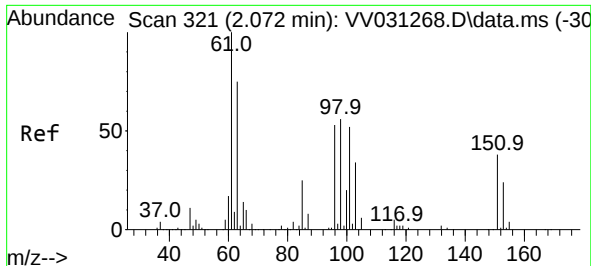
Tgt Ion: 64 Resp: 55352
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 6.572 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion:101 Resp: 134538
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

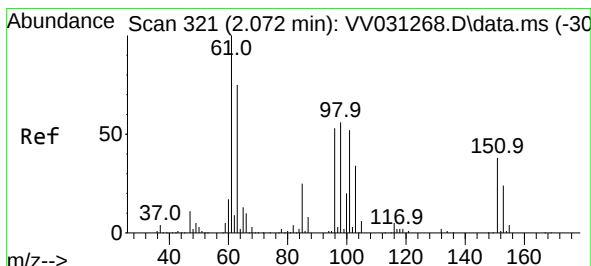
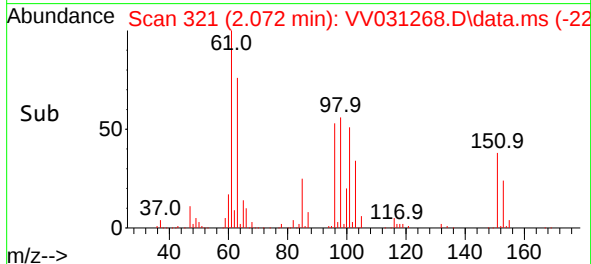
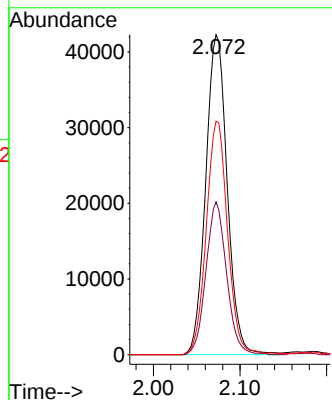
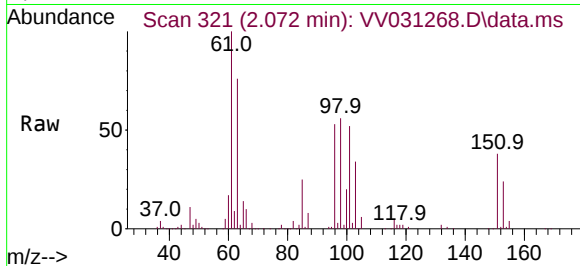




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.664 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031268.D
 Acq: 30 May 2023 15:12

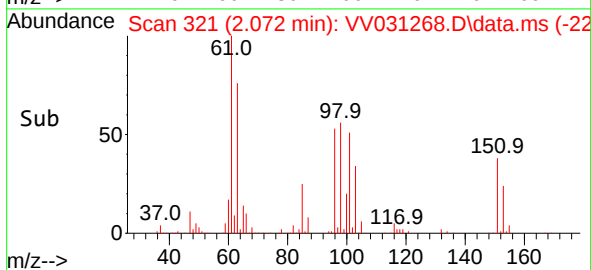
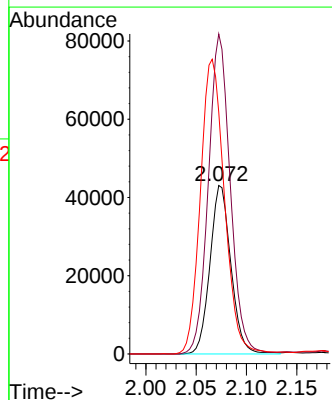
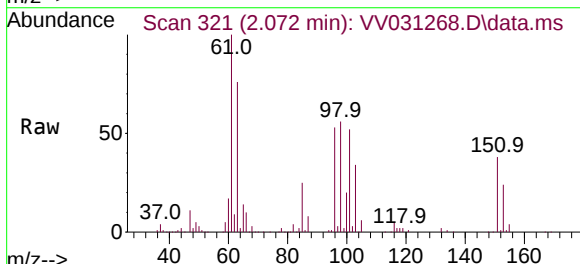
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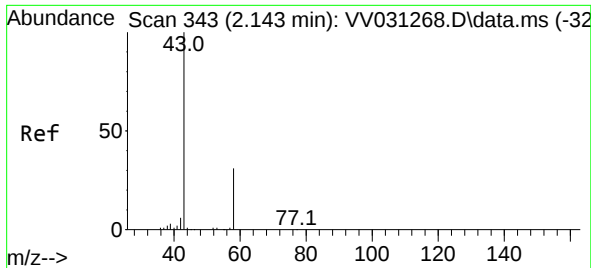
Tgt Ion:101 Resp: 72863
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.6 55.0
 151 72.1 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 6.977 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031268.D
 Acq: 30 May 2023 15:12

Tgt Ion: 96 Resp: 62464
 Ion Ratio Lower Upper
 96 100
 61 189.9 132.9 246.9
 63 143.5 100.4 186.6





#13

Acetone

Concen: 48.080 ug/L

RT: 2.143 min Scan# 343

Delta R.T. 0.000 min

Lab File: VV031268.D

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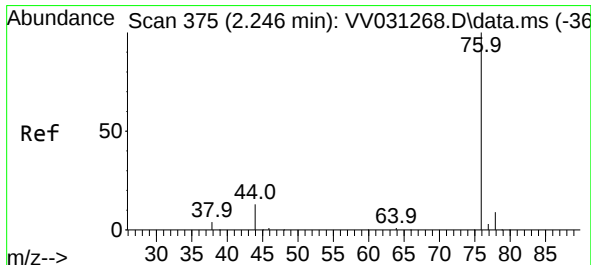
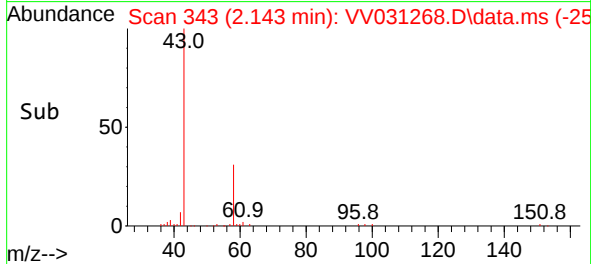
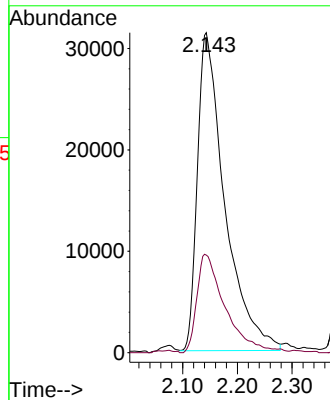
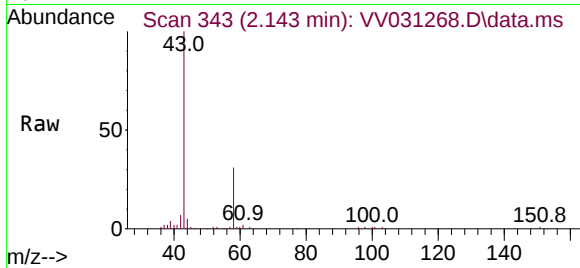
VSTD005249

Tgt Ion: 43 Resp: 108863

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.0



#14

Carbon disulfide

Concen: 7.203 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV031268.D

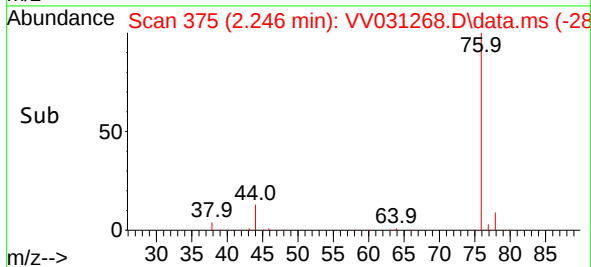
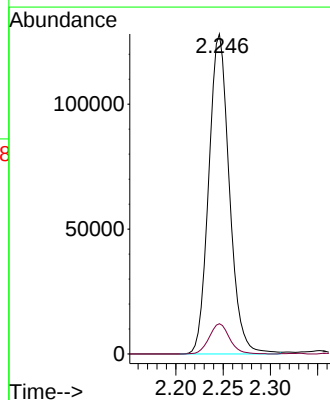
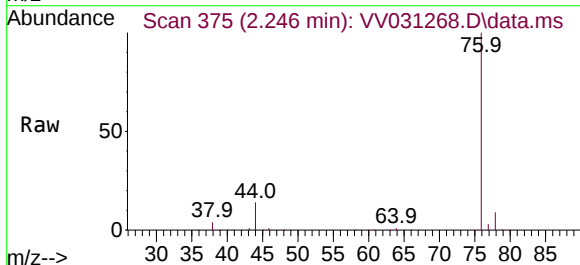
Acq: 30 May 2023 15:12

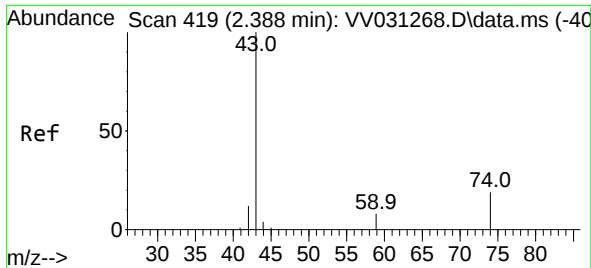
Tgt Ion: 76 Resp: 194246

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

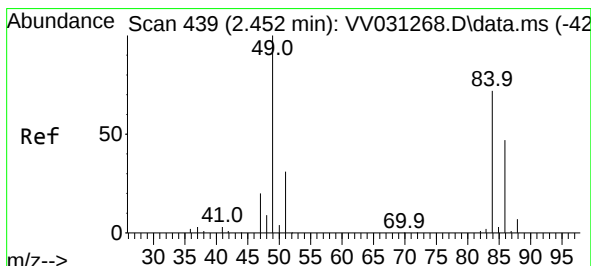
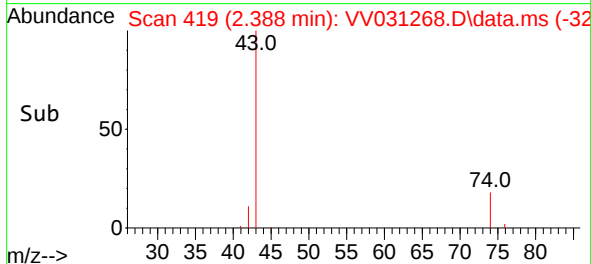
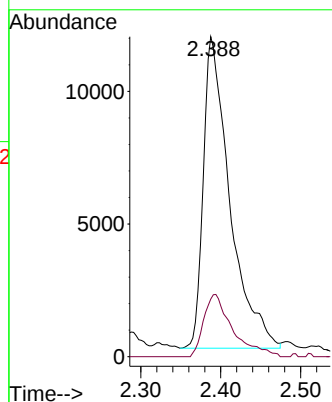
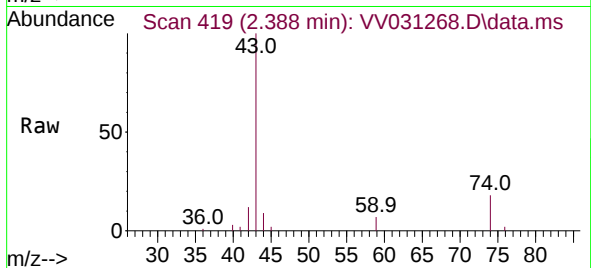




#15
Methyl Acetate
Concen: 5.839 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

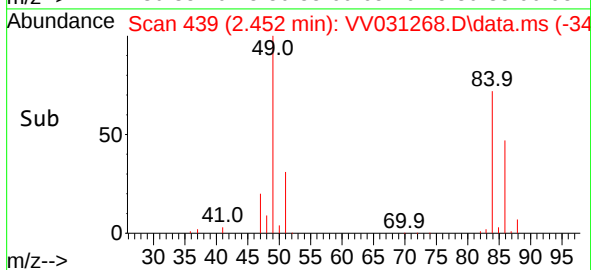
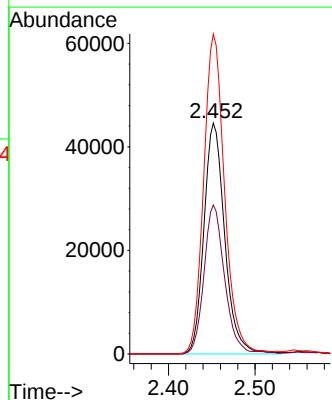
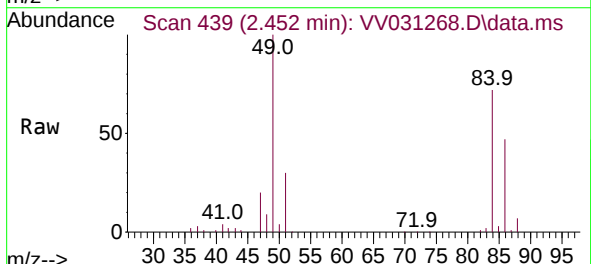
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

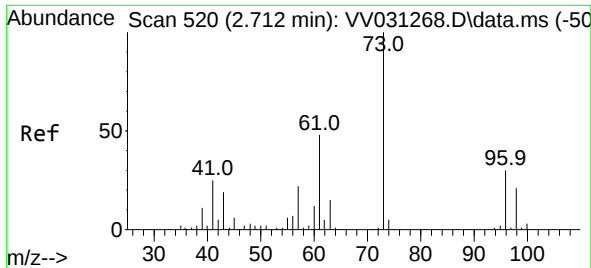
Tgt Ion: 43 Resp: 27089
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2



#16
Methylene chloride
Concen: 5.471 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion: 84 Resp: 74527
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 138.6 97.0 180.2

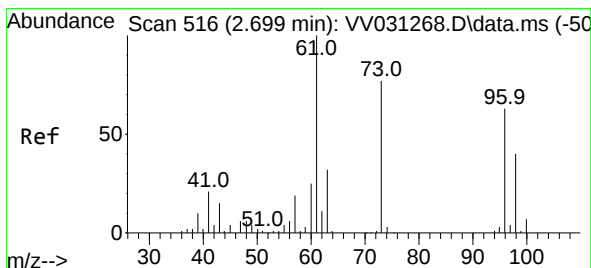
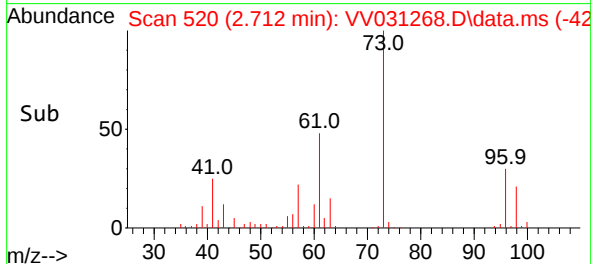
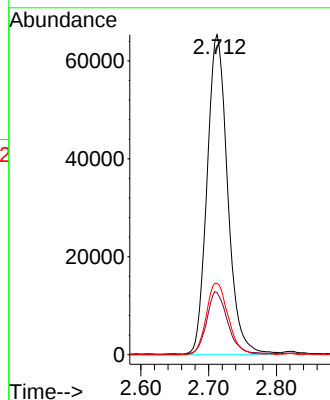
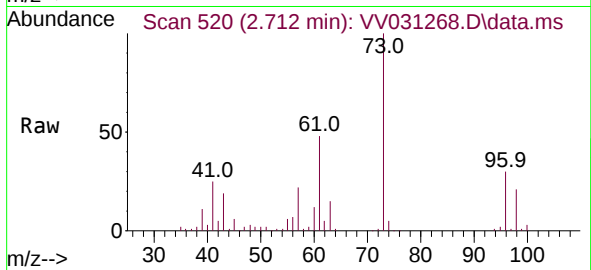




#17
Methyl tert-butyl Ether
Concen: 5.875 ug/L
RT: 2.712 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

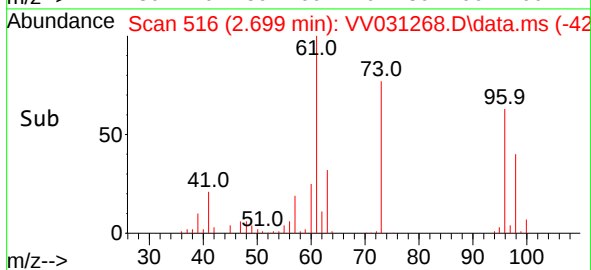
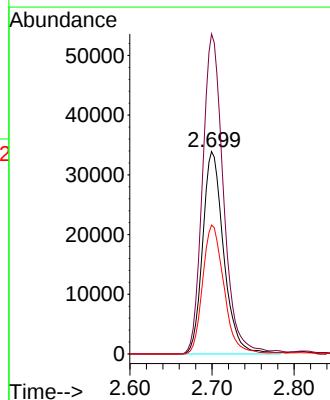
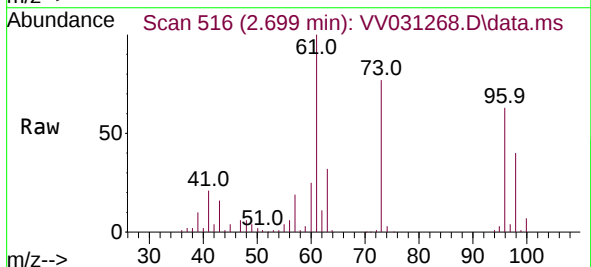
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

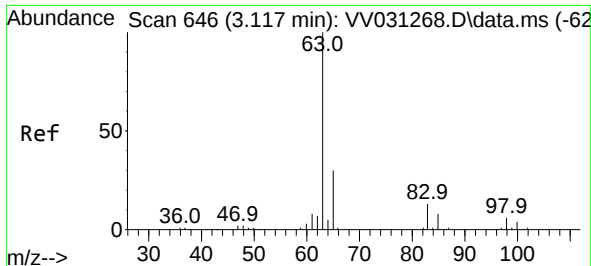
Tgt Ion: 73 Resp: 138191
Ion Ratio Lower Upper
73 100
43 19.7 15.8 23.6
57 23.7 19.0 28.4



#18
trans-1,2-Dichloroethene
Concen: 6.287 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion: 96 Resp: 60397
Ion Ratio Lower Upper
96 100
61 158.1 110.7 205.5
98 63.7 44.6 82.8





#19

1,1-Dichloroethane

Concen: 5.851 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.000 min

Lab File: VV031268.D

Acq: 30 May 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005249

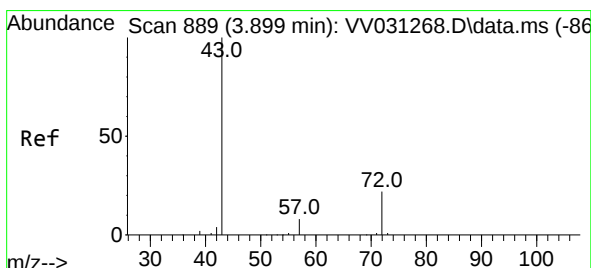
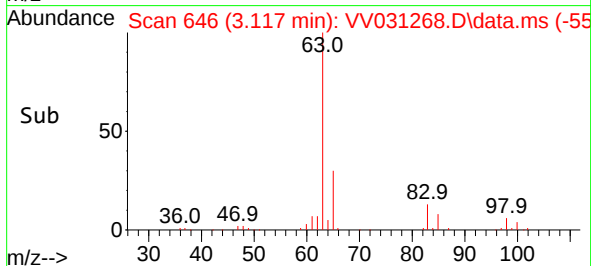
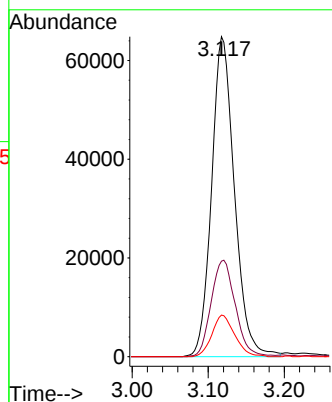
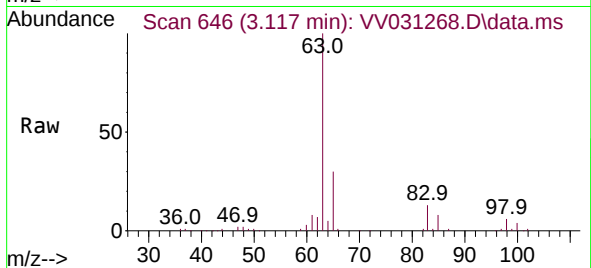
Tgt Ion: 63 Resp: 135515

Ion Ratio Lower Upper

63 100

65 29.9 20.9 38.9

83 13.0 9.1 16.9



#21

2-Butanone

Concen: 56.095 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.000 min

Lab File: VV031268.D

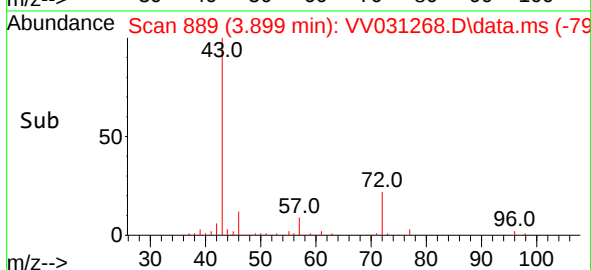
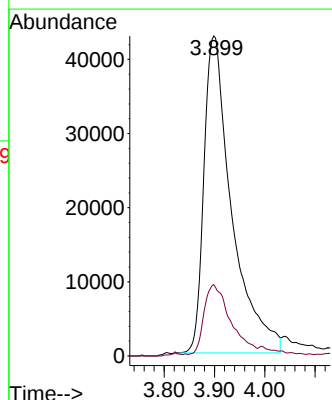
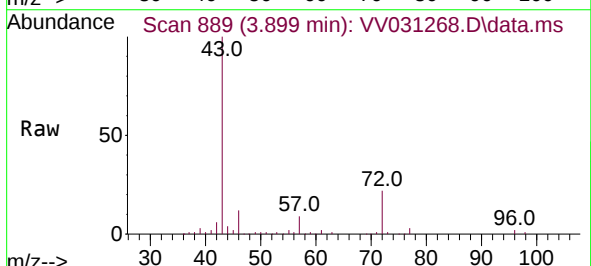
Acq: 30 May 2023 15:12

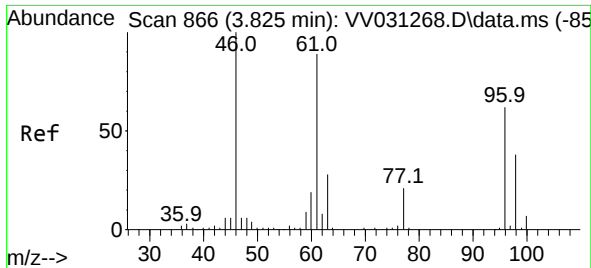
Tgt Ion: 43 Resp: 164388

Ion Ratio Lower Upper

43 100

72 21.2 10.6 31.8



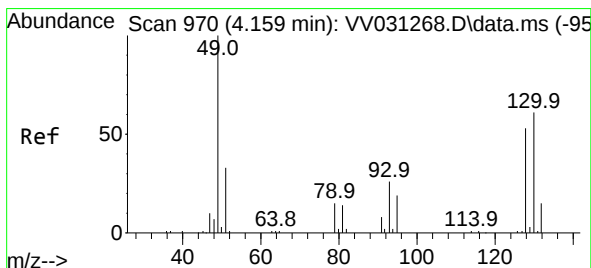
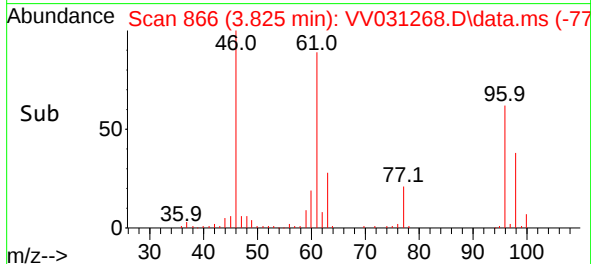
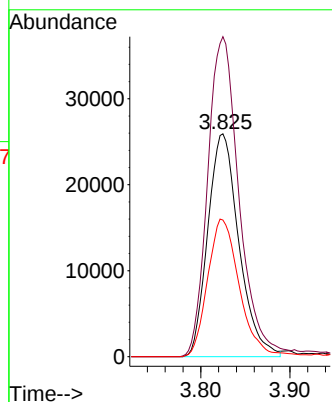
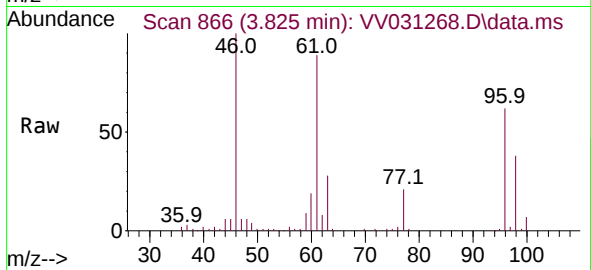


#22
 cis-1,2-Dichloroethene
 Concen: 5.797 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VV031268.D
 Acq: 30 May 2023 15:12

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005249

Tgt Ion: 96 Resp: 62883

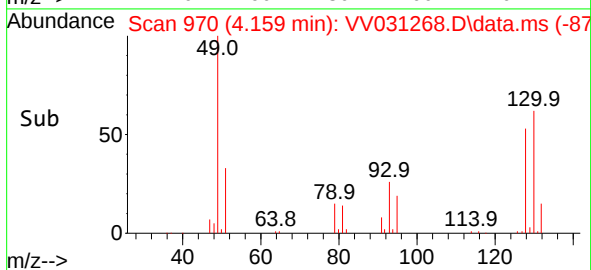
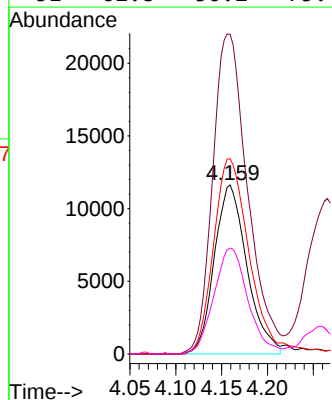
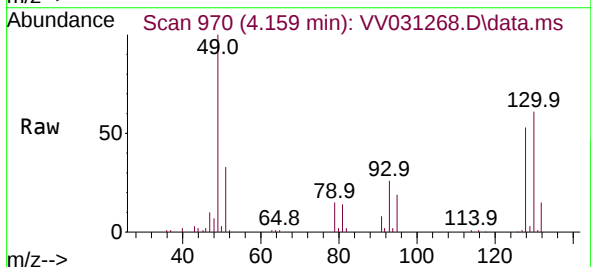
Ion	Ratio	Lower	Upper
96	100		
61	143.6	100.5	186.7
98	61.3	42.9	79.7

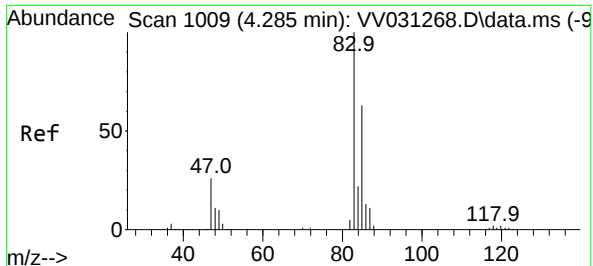


#23
 Bromochloromethane
 Concen: 6.008 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VV031268.D
 Acq: 30 May 2023 15:12

Tgt Ion: 128 Resp: 28811

Ion	Ratio	Lower	Upper
128	100		
49	189.3	132.5	246.1
130	115.6	80.9	150.3
51	62.8	50.2	75.4

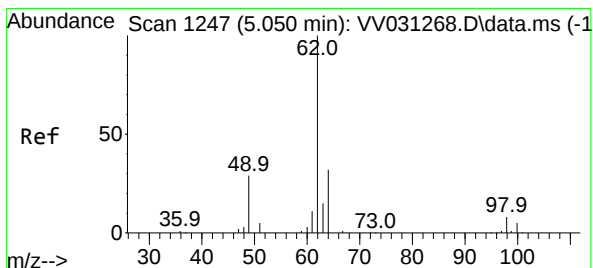
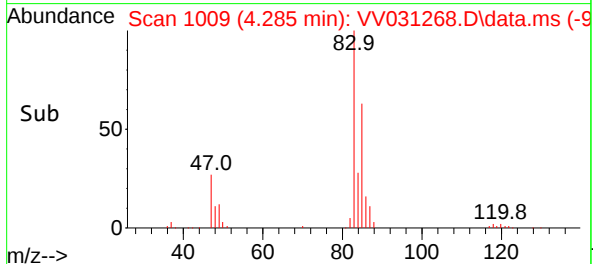
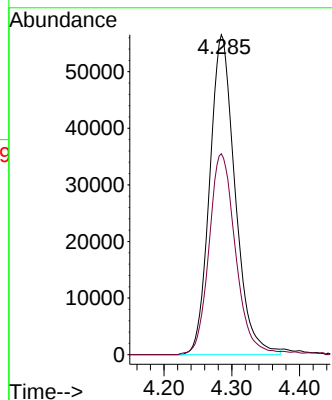
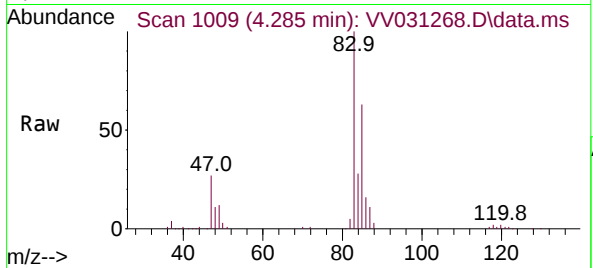




#25
Chloroform
Concen: 6.171 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

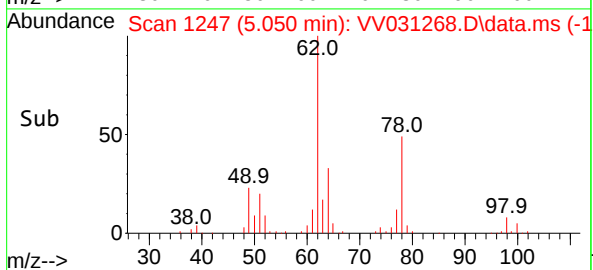
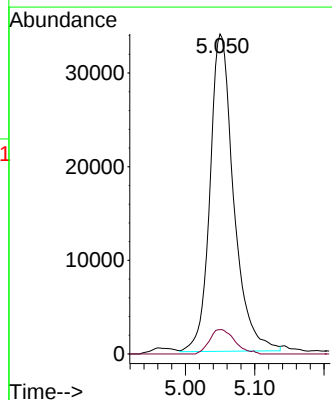
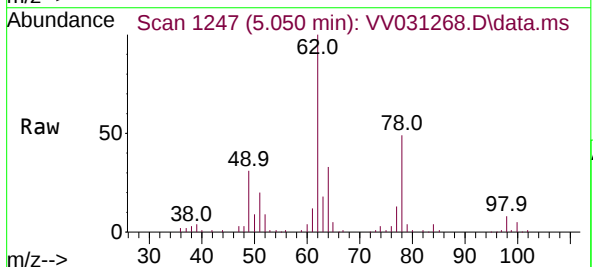
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

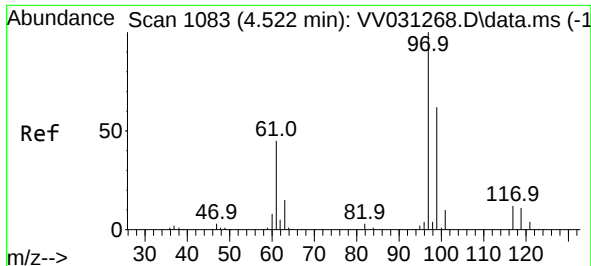
Tgt Ion: 83 Resp: 147341
Ion Ratio Lower Upper
83 100
85 62.8 44.0 81.6



#27
1,2-Dichloroethane
Concen: 6.011 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion: 62 Resp: 80569
Ion Ratio Lower Upper
62 100
98 7.6 6.1 9.1

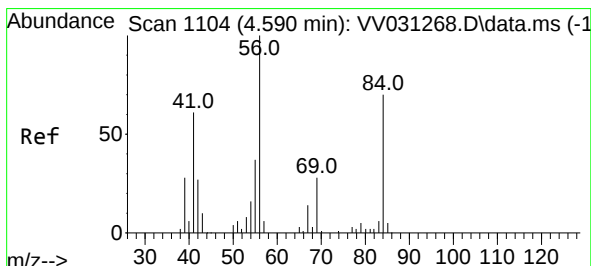
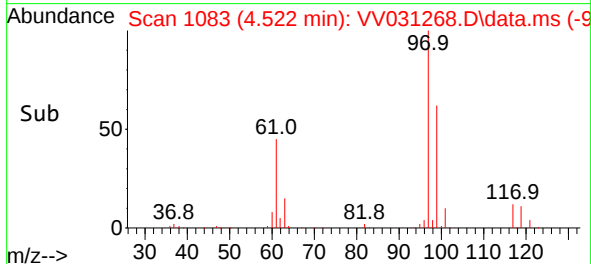
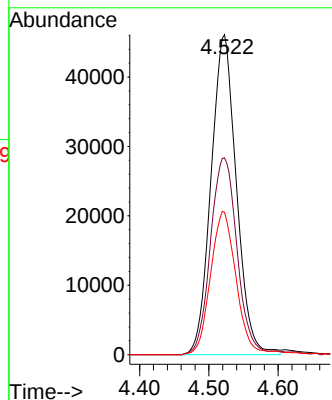
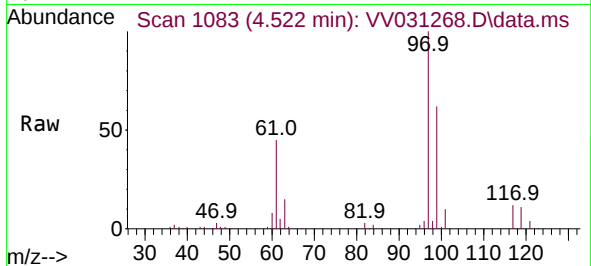




#29
1,1,1-Trichloroethane
Concen: 5.364 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

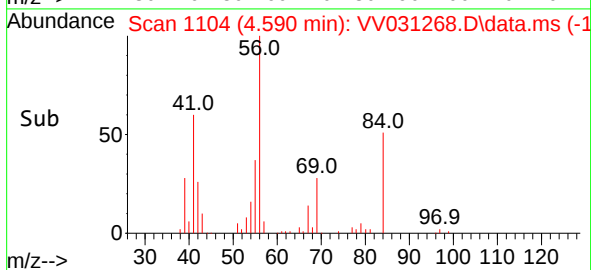
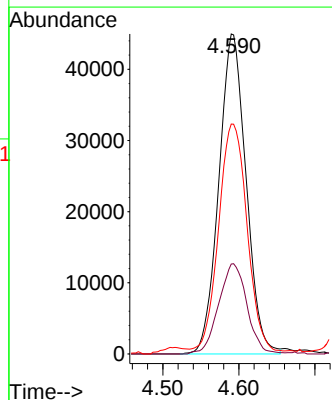
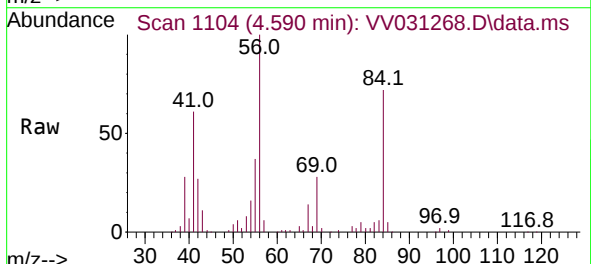
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

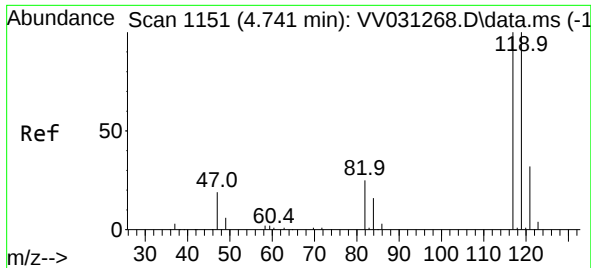
Tgt Ion: 97 Resp: 117270
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 45.3 36.2 54.4



#30
Cyclohexane
Concen: 6.322 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion: 56 Resp: 111770
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 74.5 59.6 89.4

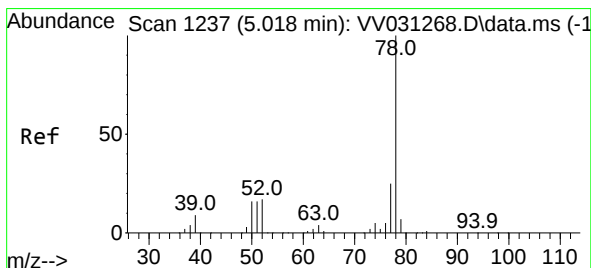
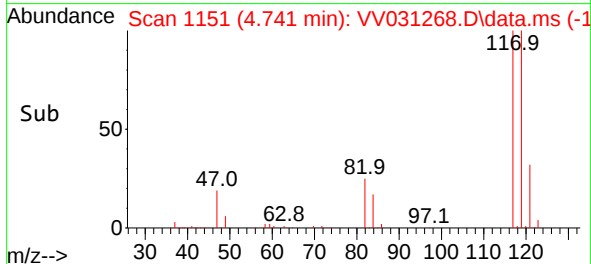
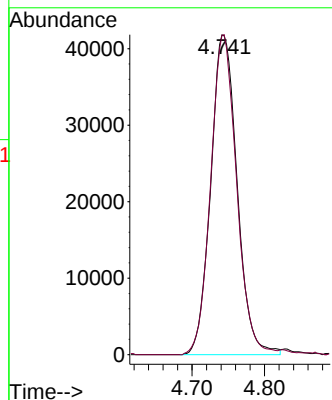
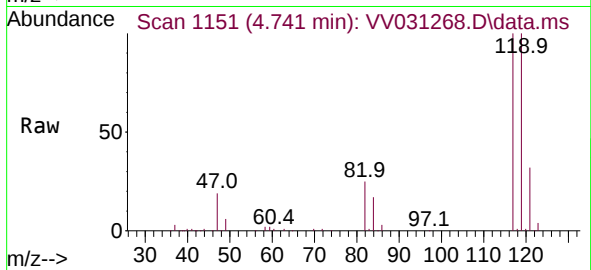




#31
Carbon tetrachloride
Concen: 5.567 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

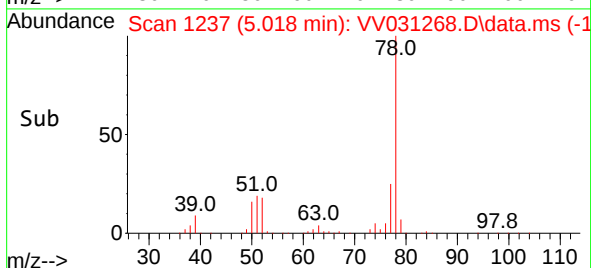
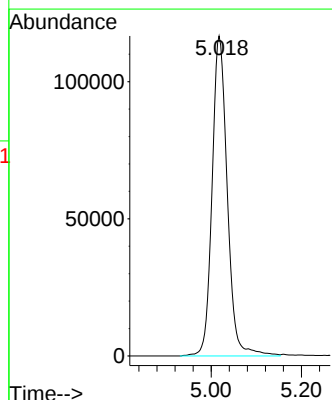
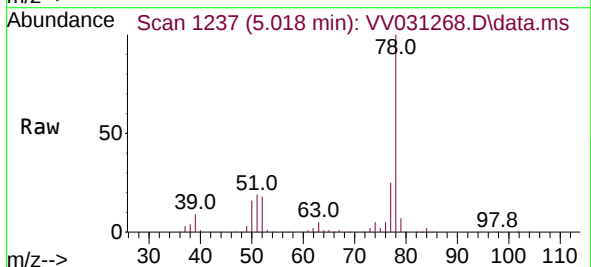
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

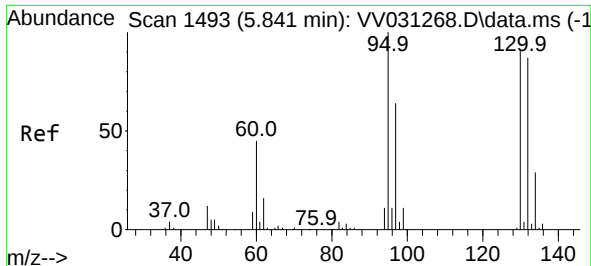
Tgt Ion:117 Resp: 105652
Ion Ratio Lower Upper
117 100
119 98.4 78.7 118.1



#33
Benzene
Concen: 6.085 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion: 78 Resp: 272271



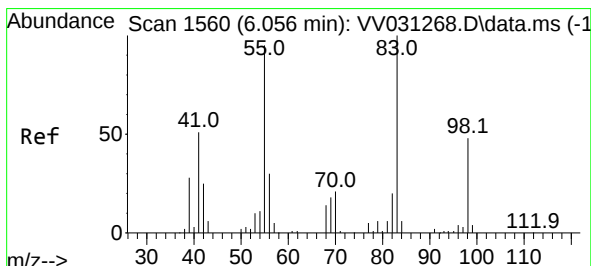
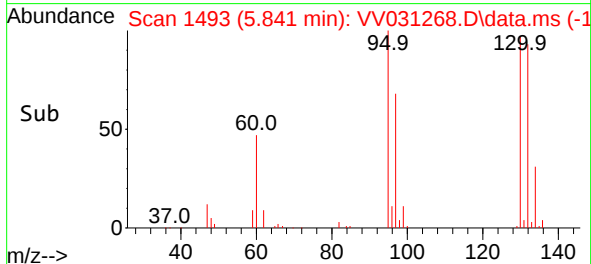
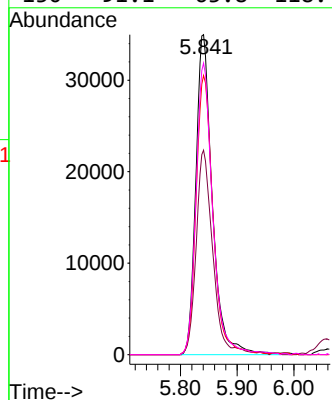
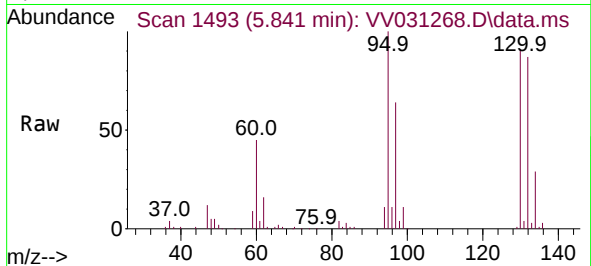


#34
Trichloroethene
Concen: 5.893 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

Tgt Ion: 95 Resp: 70870

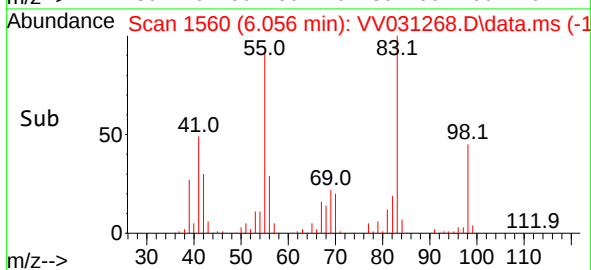
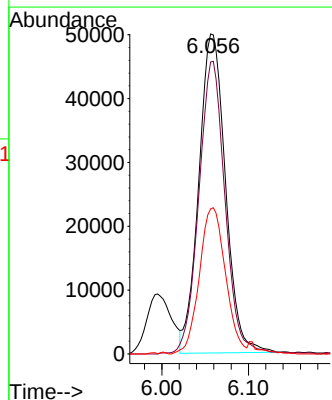
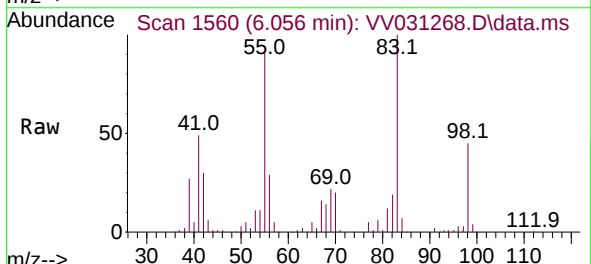
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.7	83.1
132	87.3	61.1	113.5
130	91.1	63.8	118.4

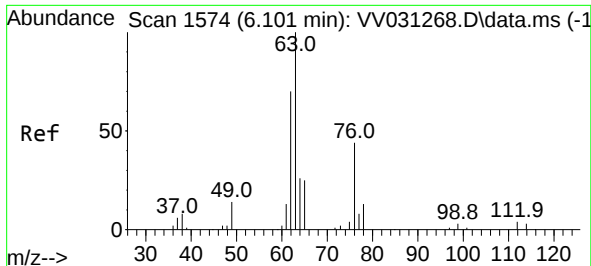


#35
Methylcyclohexane
Concen: 6.291 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion: 83 Resp: 106810

Ion	Ratio	Lower	Upper
83	100		
55	90.7	72.6	108.8
98	44.9	35.9	53.9





#37

1,2-Dichloropropane

Concen: 5.849 ug/L

RT: 6.101 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV031268.D

Acq: 30 May 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

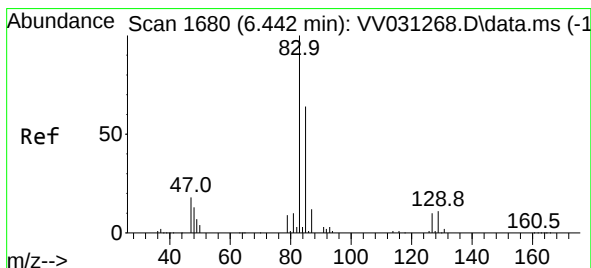
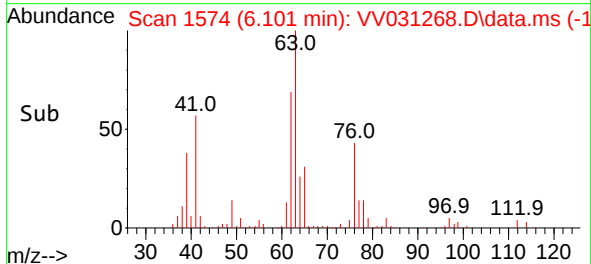
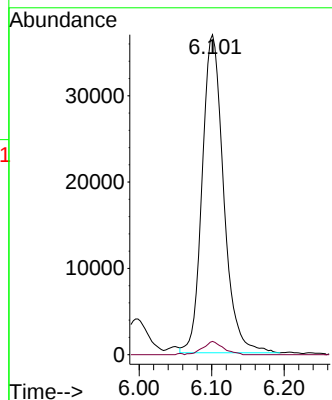
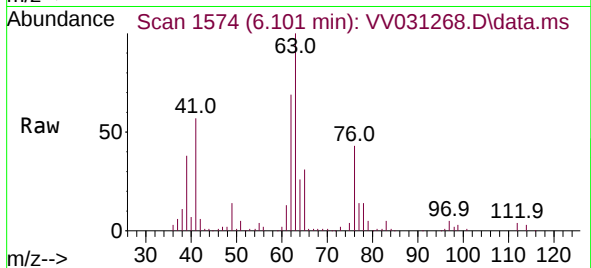
VSTD005249

Tgt Ion: 63 Resp: 75769

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 5.750 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.000 min

Lab File: VV031268.D

Acq: 30 May 2023 15:12

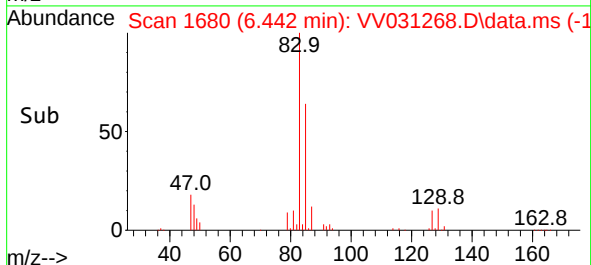
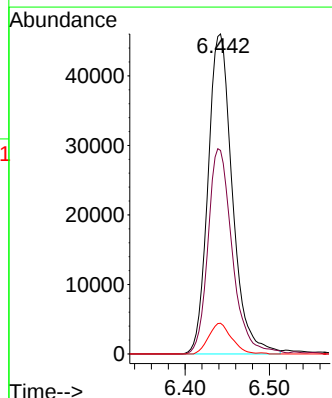
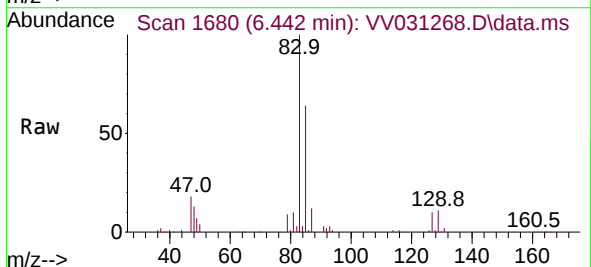
Tgt Ion: 83 Resp: 92508

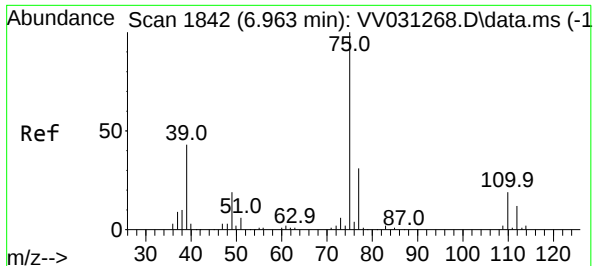
Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7

127 9.6 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 6.150 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VV031268.D

Acq: 30 May 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

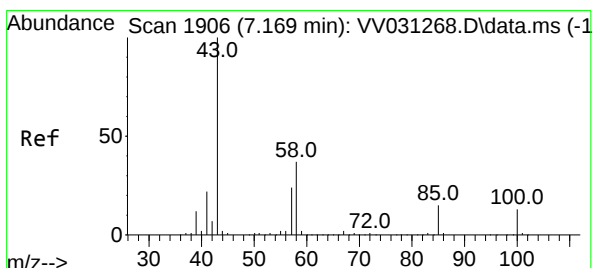
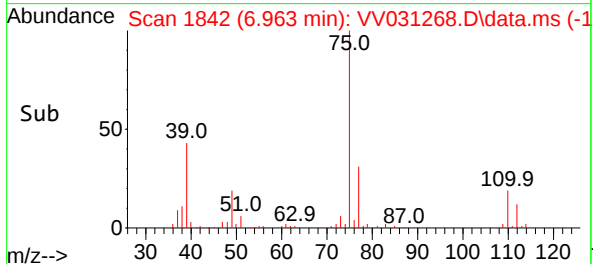
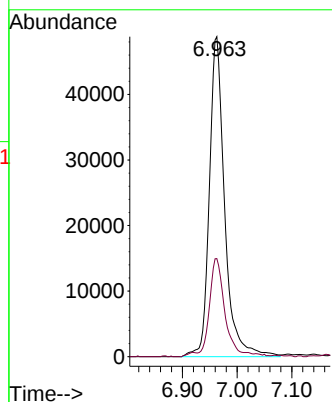
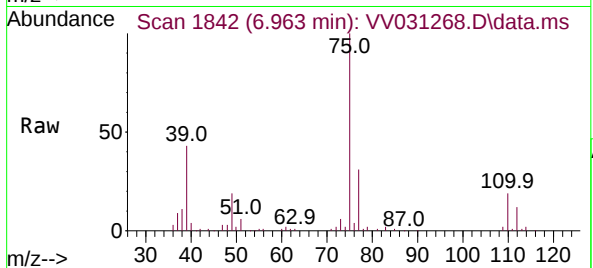
VSTD005249

Tgt Ion: 75 Resp: 94872

Ion Ratio Lower Upper

75 100

77 30.7 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 65.387 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VV031268.D

Acq: 30 May 2023 15:12

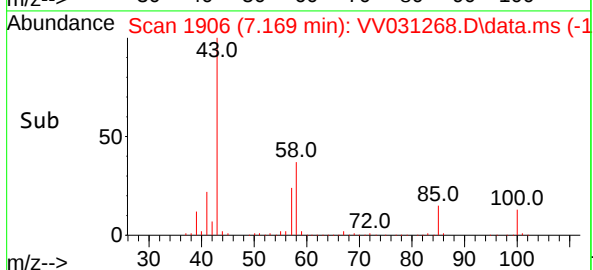
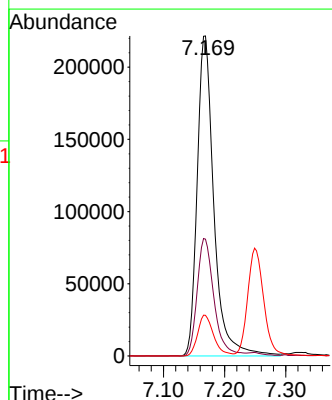
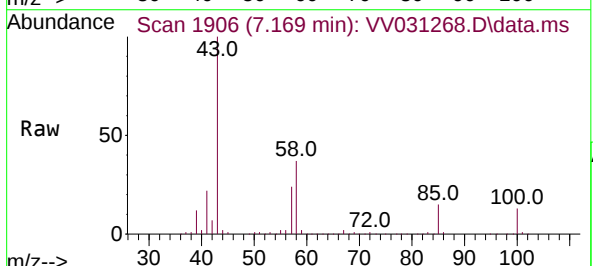
Tgt Ion: 43 Resp: 420814

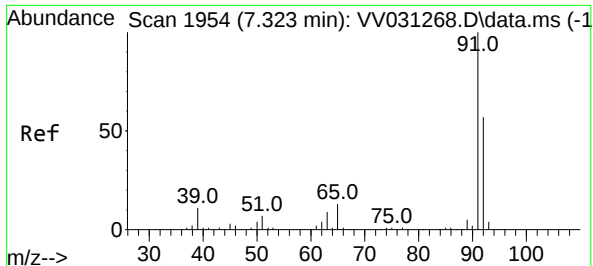
Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3

100 12.2 9.8 14.6





#42

Toluene

Concen: 6.498 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV031268.D

Acq: 30 May 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

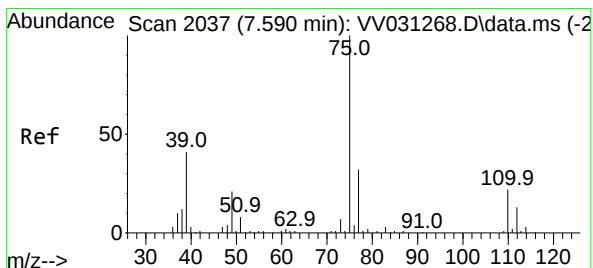
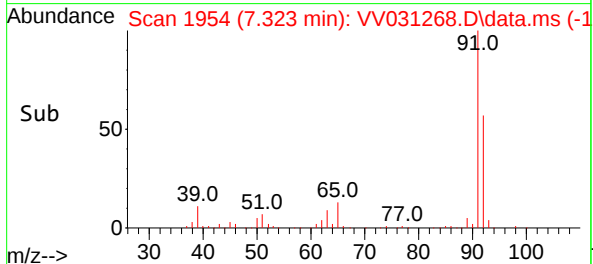
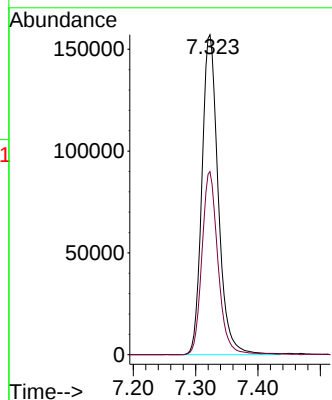
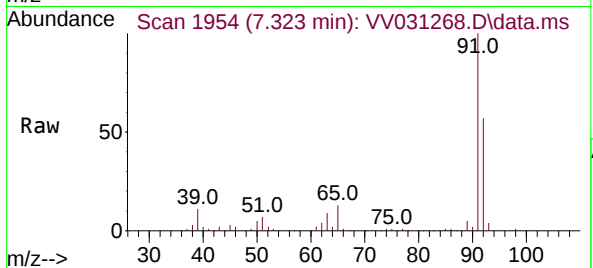
VSTD005249

Tgt Ion: 91 Resp: 285973

Ion Ratio Lower Upper

91 100

92 57.2 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 6.050 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.000 min

Lab File: VV031268.D

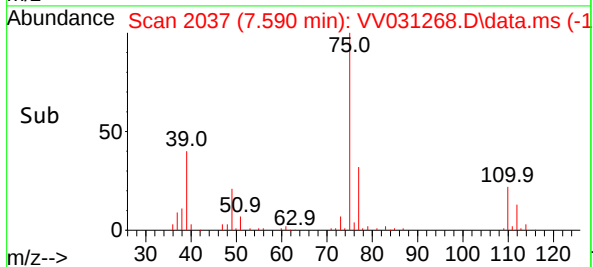
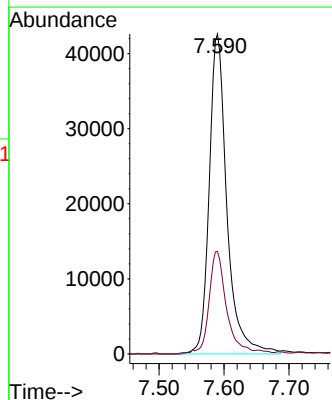
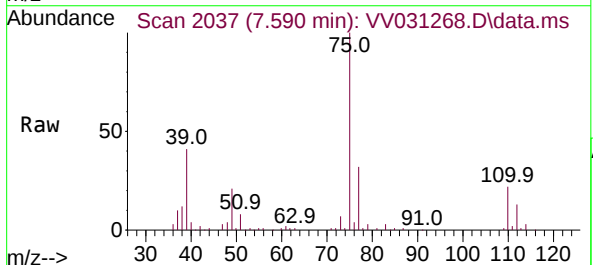
Acq: 30 May 2023 15:12

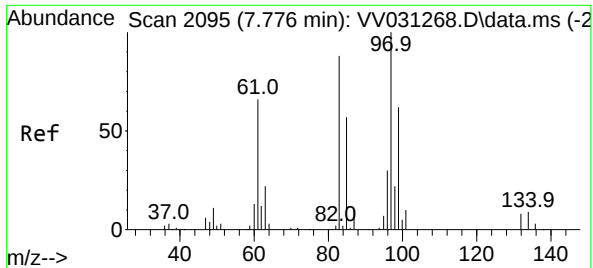
Tgt Ion: 75 Resp: 80651

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



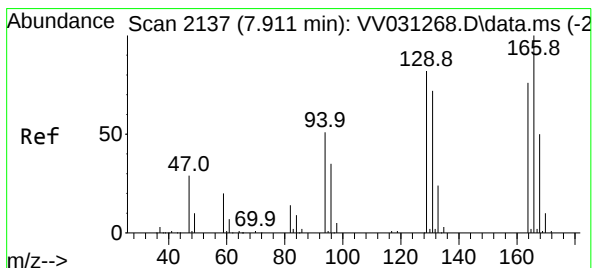
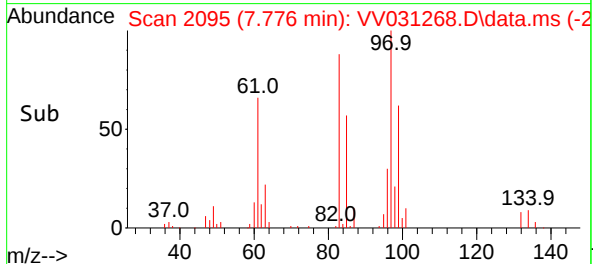
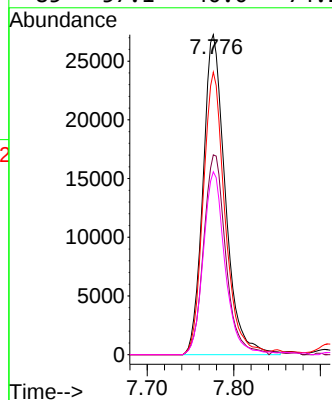
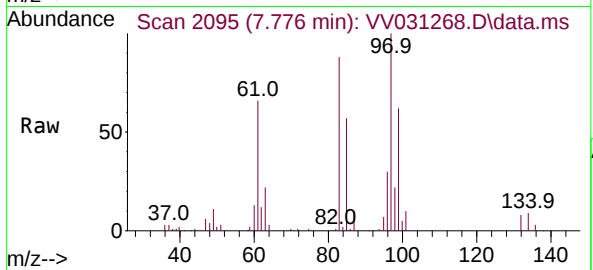


#45
1,1,2-Trichloroethane
Concen: 6.235 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

Tgt Ion: 97 Resp: 48689

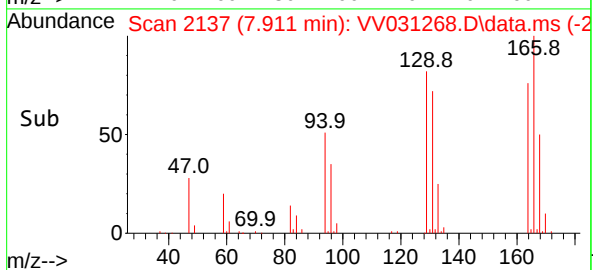
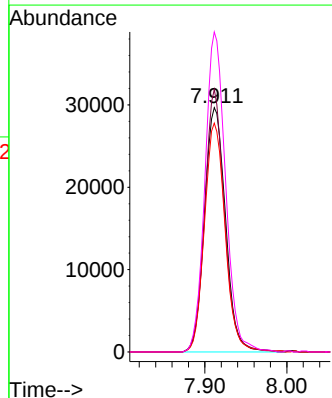
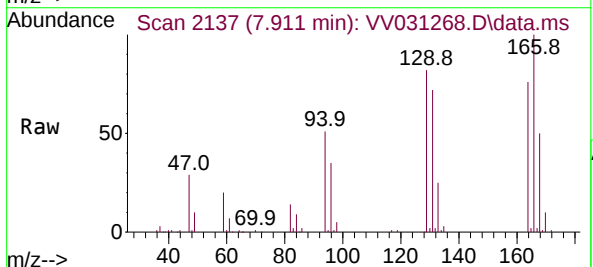
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	88.3	61.8	114.8
85	57.1	40.0	74.2

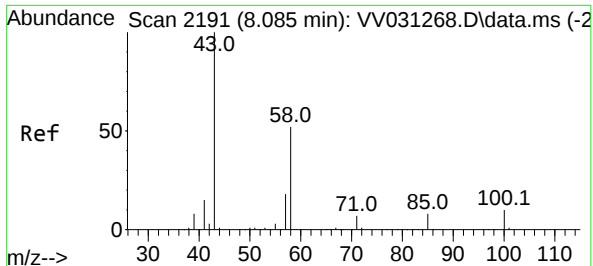


#47
Tetrachloroethene
Concen: 6.002 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion: 164 Resp: 53079

Ion	Ratio	Lower	Upper
164	100		
129	107.5	75.3	139.8
131	93.7	65.6	121.8
166	131.0	91.7	170.3

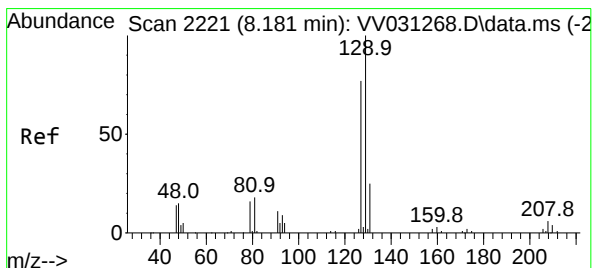
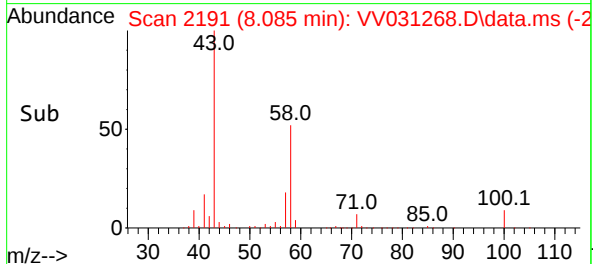
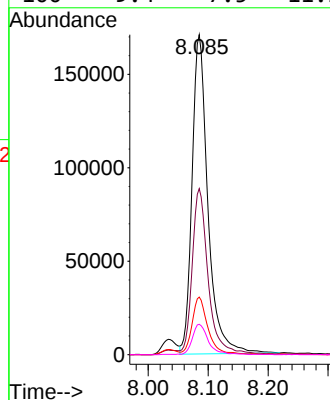
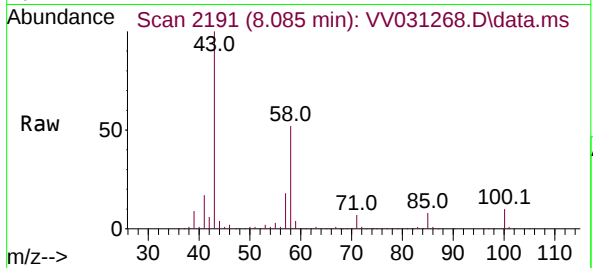




#48
2-Hexanone
Concen: 61.697 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

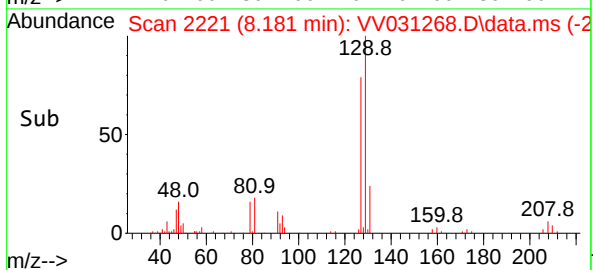
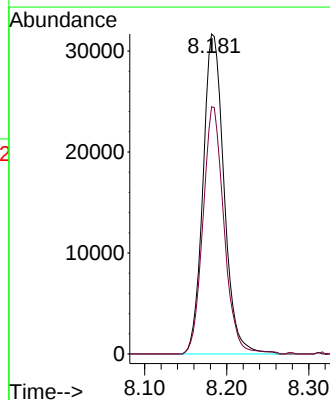
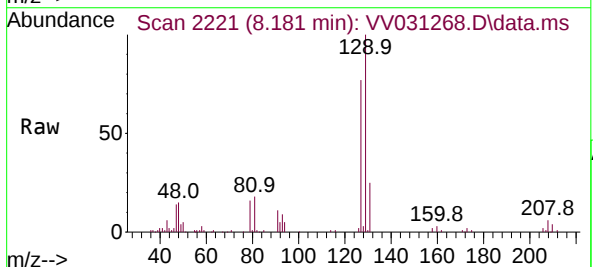
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

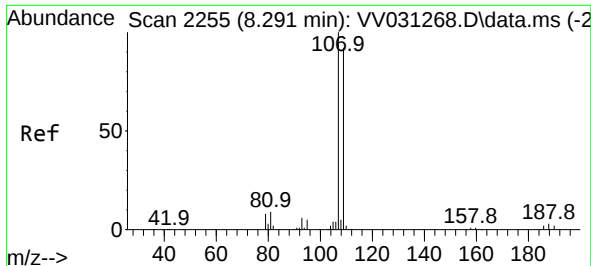
Tgt Ion: 43 Resp: 314229
Ion Ratio Lower Upper
43 100
58 51.5 41.2 61.8
57 17.6 14.1 21.1
100 9.4 7.5 11.3



#49
Dibromochloromethane
Concen: 5.820 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion: 129 Resp: 56314
Ion Ratio Lower Upper
129 100
127 77.3 54.1 100.5





#50

1,2-Dibromoethane

Concen: 6.153 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031268.D

Acq: 30 May 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005249

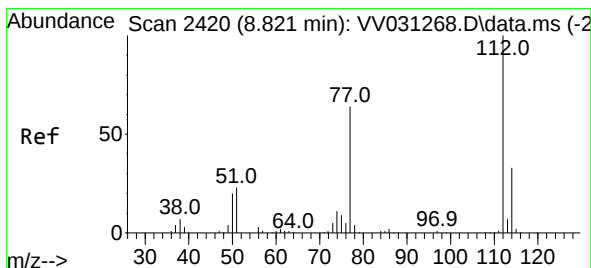
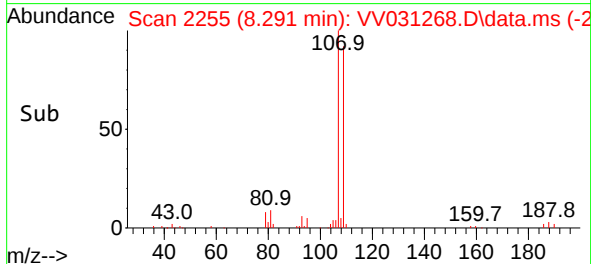
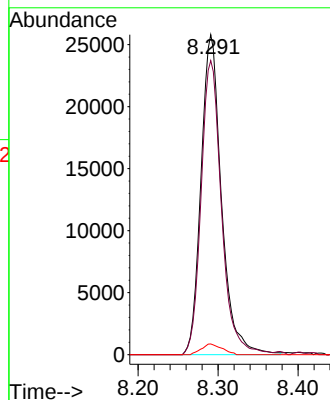
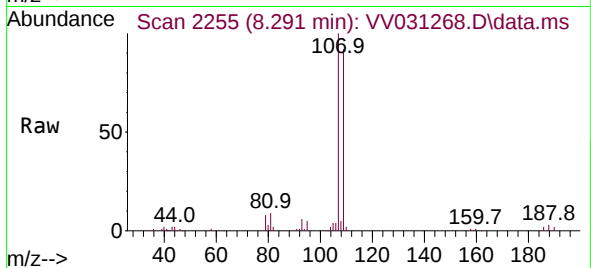
Tgt Ion:107 Resp: 46043

Ion Ratio Lower Upper

107 100

109 91.9 64.3 119.5

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 5.695 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV031268.D

Acq: 30 May 2023 15:12

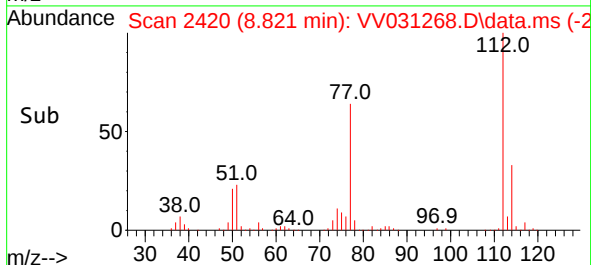
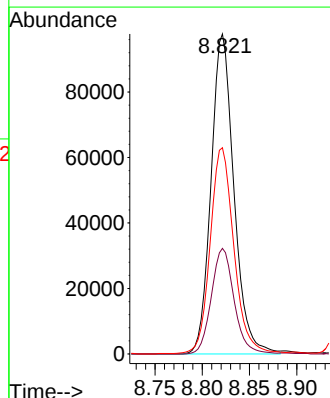
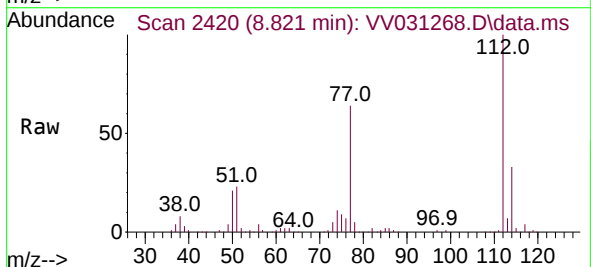
Tgt Ion:112 Resp: 164545

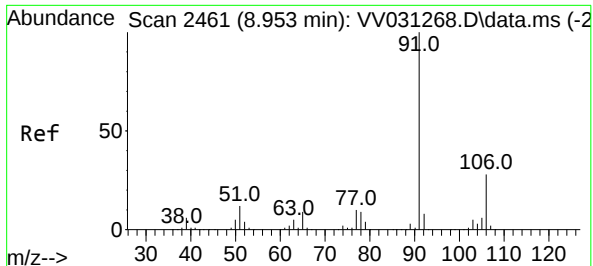
Ion Ratio Lower Upper

112 100

114 33.0 23.1 42.9

77 64.4 51.5 77.3





#52

Ethylbenzene

Concen: 5.941 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.000 min

Lab File: VV031268.D

Acq: 30 May 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

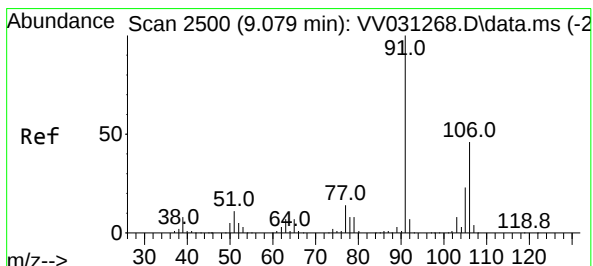
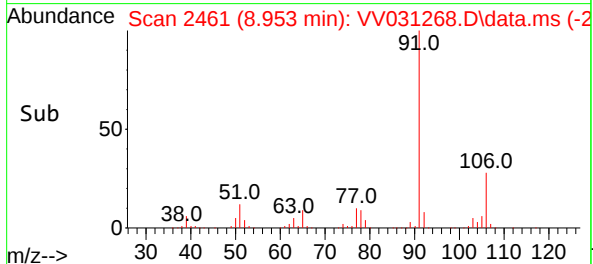
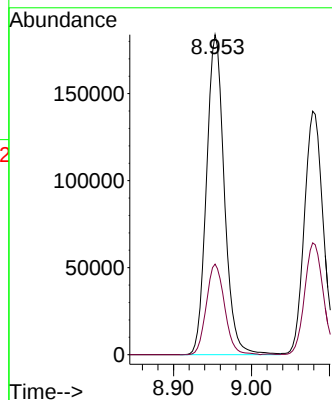
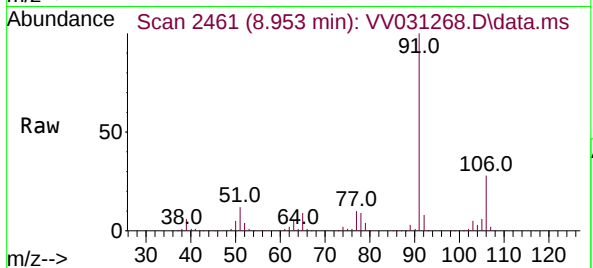
VSTD005249

Tgt Ion: 91 Resp: 292194

Ion Ratio Lower Upper

91 100

106 28.3 19.8 36.8



#53

m,p-Xylene

Concen: 5.927 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.000 min

Lab File: VV031268.D

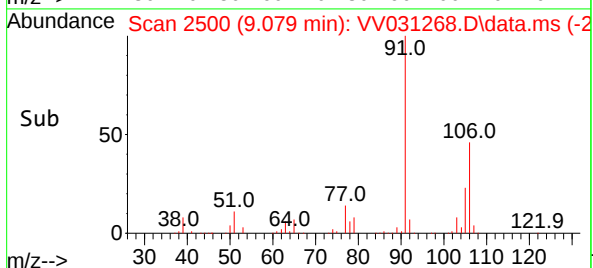
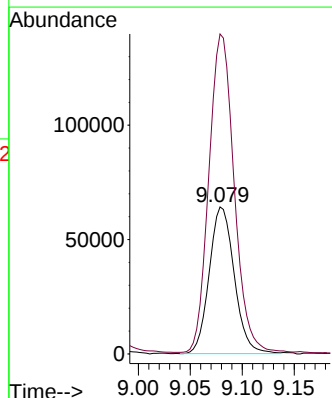
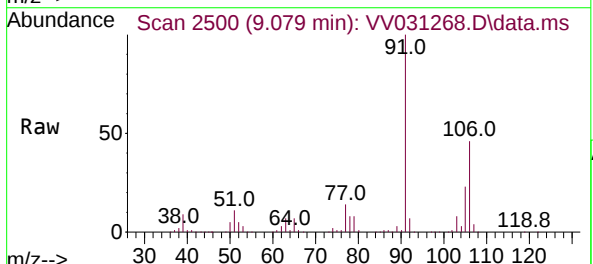
Acq: 30 May 2023 15:12

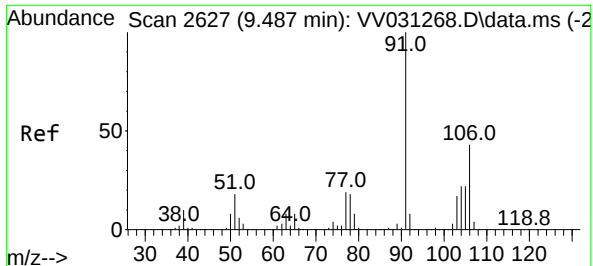
Tgt Ion: 106 Resp: 107299

Ion Ratio Lower Upper

106 100

91 217.6 152.3 282.9

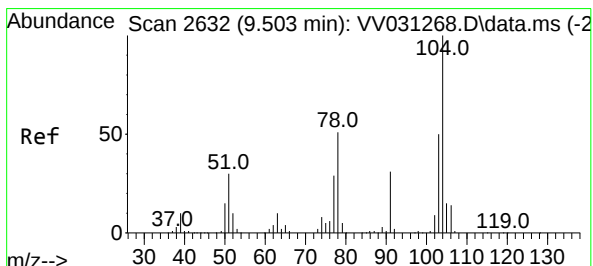
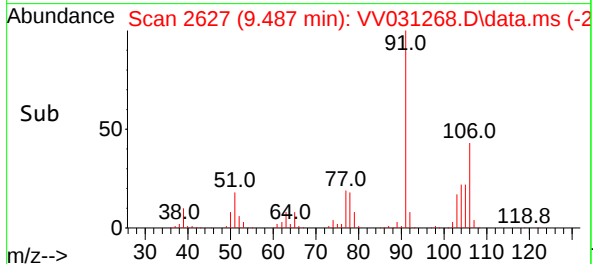
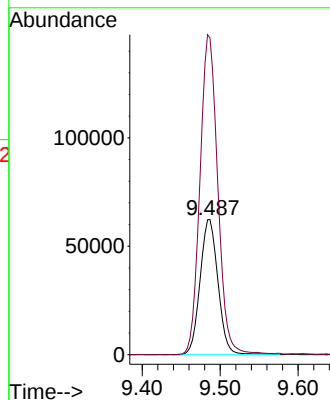
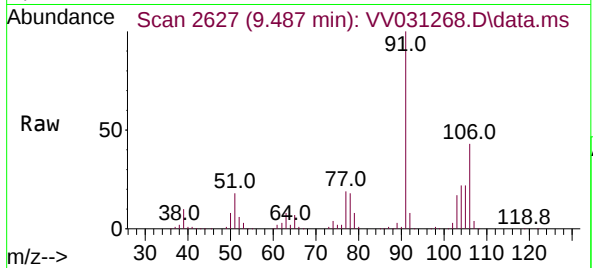




#54
o-Xylene
Concen: 5.762 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

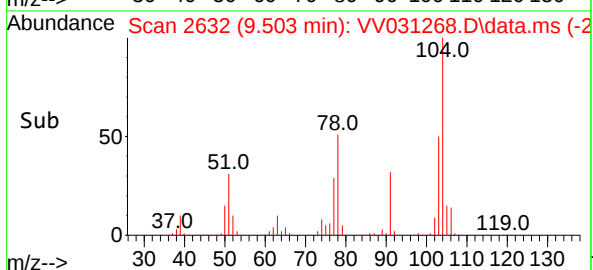
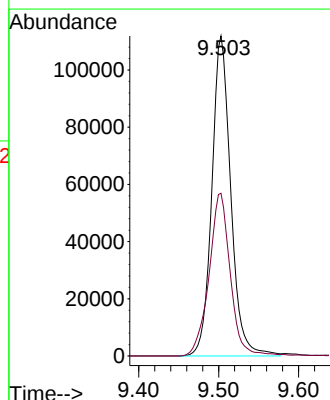
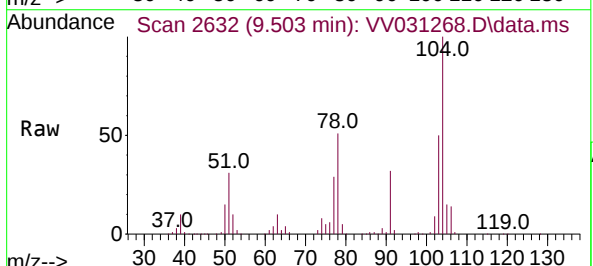
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

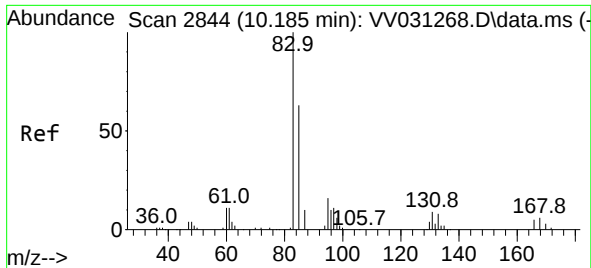
Tgt Ion:106 Resp: 99377
Ion Ratio Lower Upper
106 100
91 234.4 164.1 304.7



#55
Styrene
Concen: 6.037 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion:104 Resp: 184157
Ion Ratio Lower Upper
104 100
78 50.9 35.6 66.2

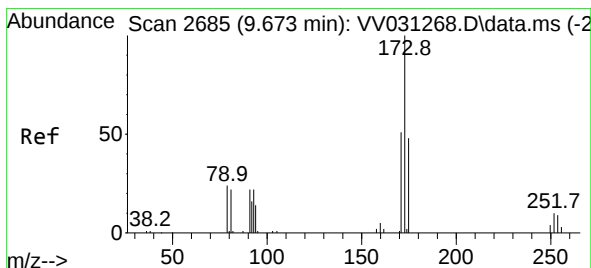
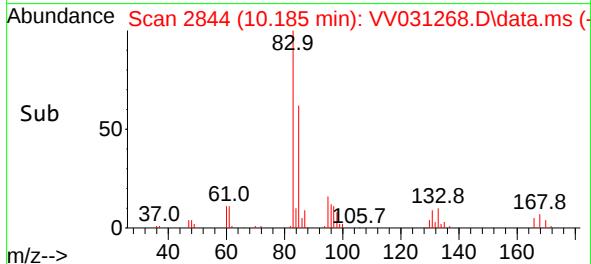
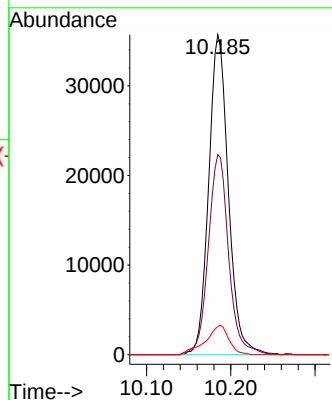
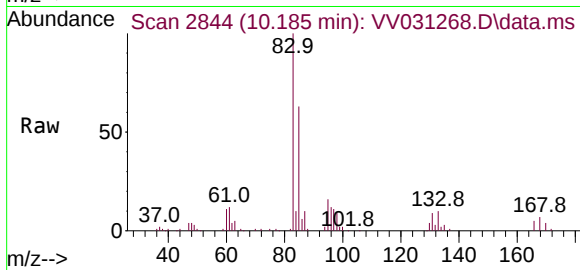




#57
1,1,2,2-Tetrachloroethane
Concen: 5.809 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

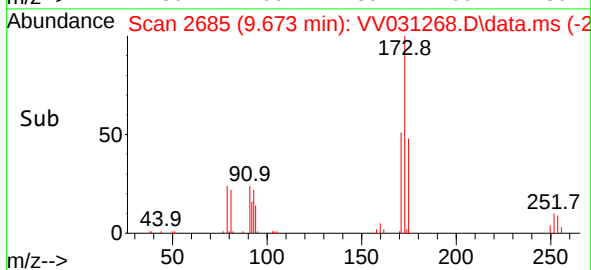
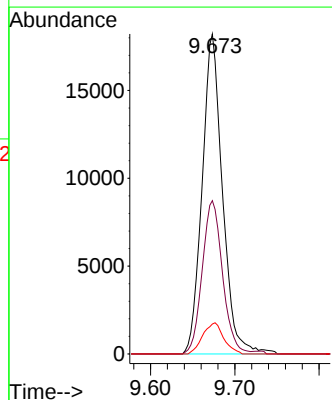
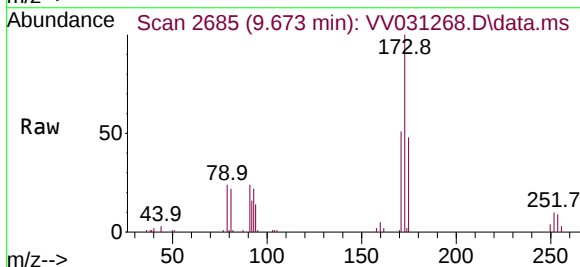
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

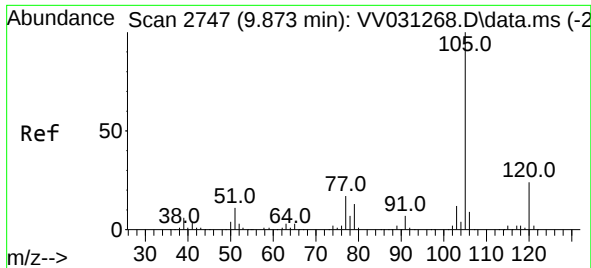
Tgt Ion: 83 Resp: 57974
Ion Ratio Lower Upper
83 100
85 62.6 43.8 81.4
131 8.8 7.0 10.6



#59
Bromoform
Concen: 5.653 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion: 173 Resp: 30665
Ion Ratio Lower Upper
173 100
175 47.8 38.2 57.4
254 10.0 8.0 12.0

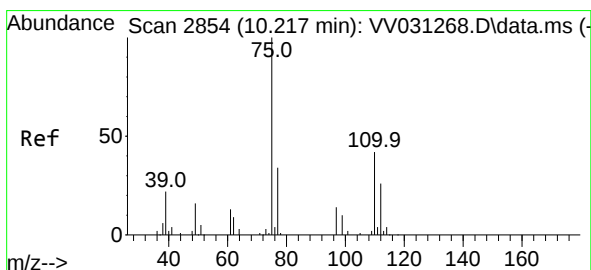
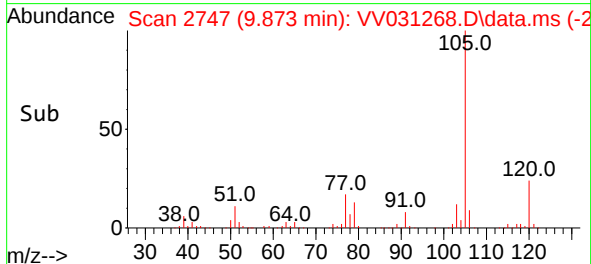
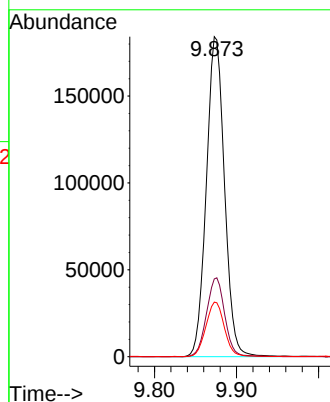
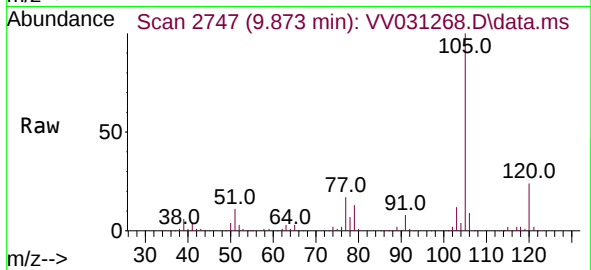




#60
Isopropylbenzene
Concen: 5.816 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

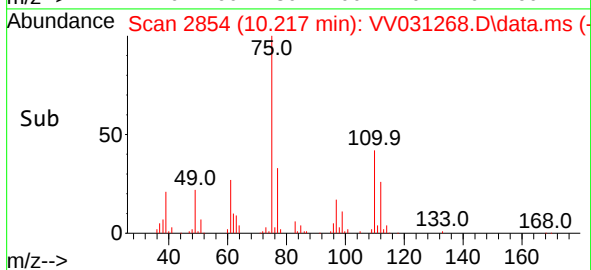
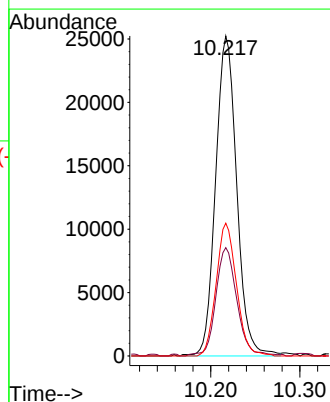
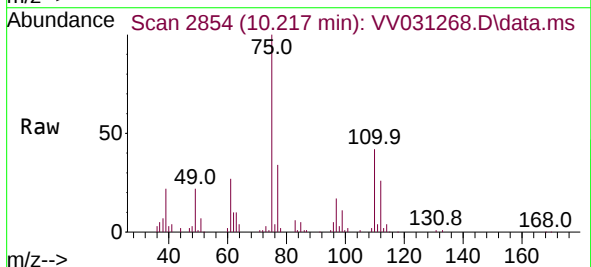
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

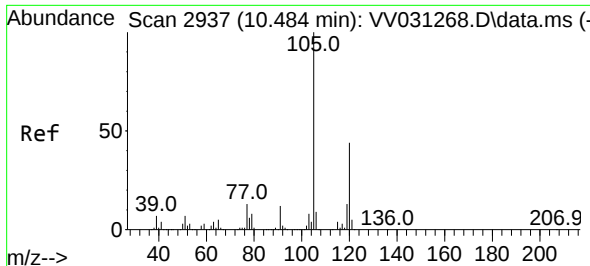
Tgt Ion:105 Resp: 283712
Ion Ratio Lower Upper
105 100
120 24.7 19.8 29.6
77 17.5 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 5.720 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion: 75 Resp: 41566
Ion Ratio Lower Upper
75 100
77 33.8 27.0 40.6
110 39.9 31.9 47.9

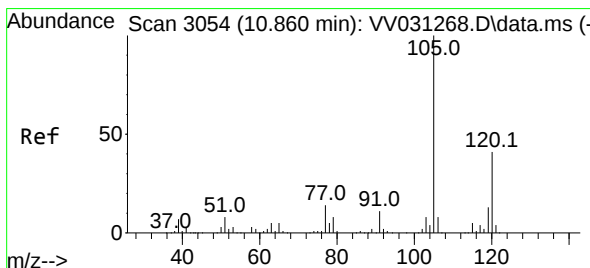
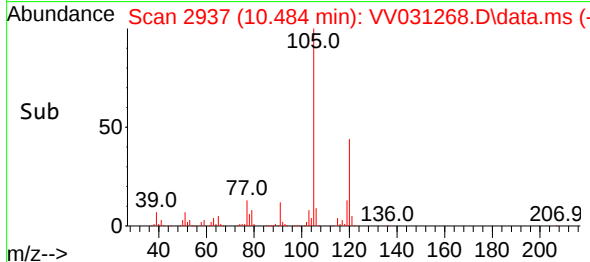
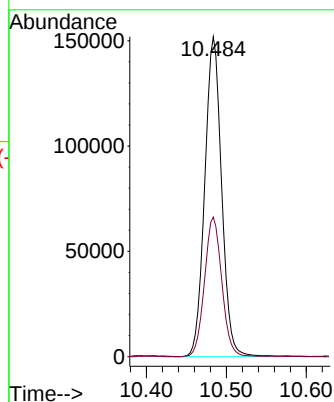
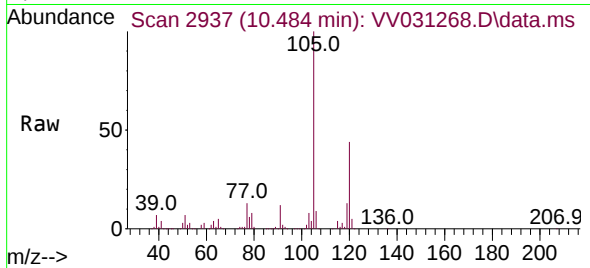




#62
1,3,5-Trimethylbenzene
Concen: 5.636 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

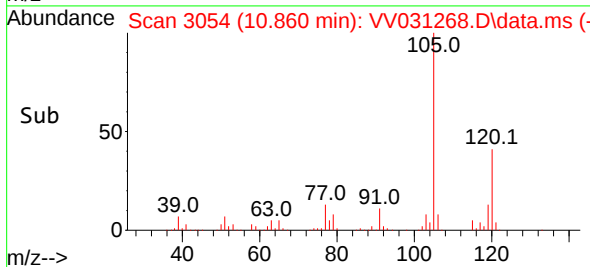
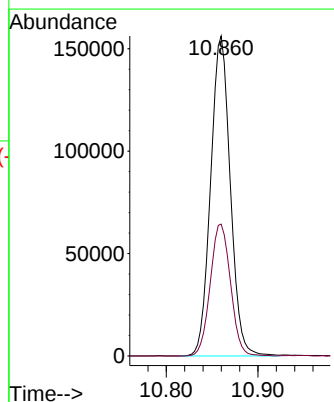
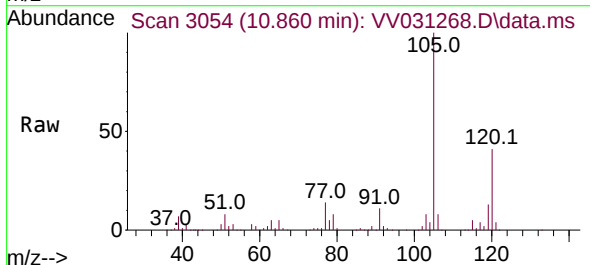
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

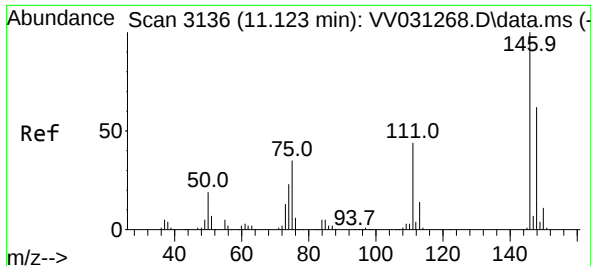
Tgt Ion:105 Resp: 223488
Ion Ratio Lower Upper
105 100
120 44.7 35.8 53.6



#63
1,2,4-Trimethylbenzene
Concen: 5.743 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion:105 Resp: 232935
Ion Ratio Lower Upper
105 100
120 42.4 33.9 50.9

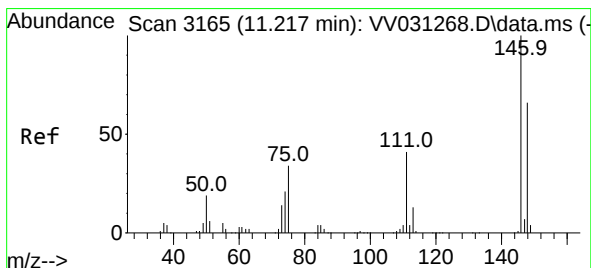
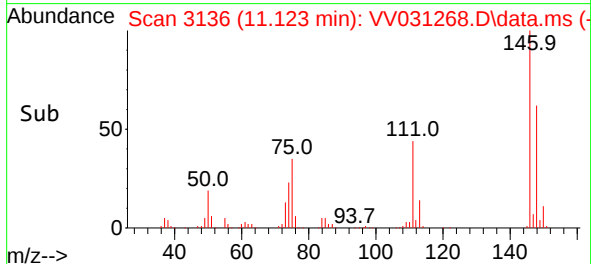
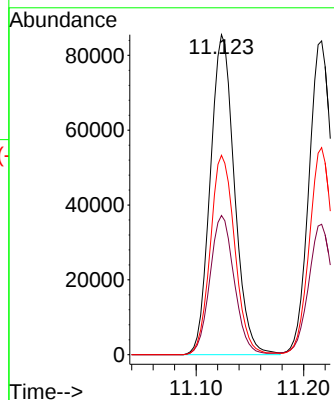
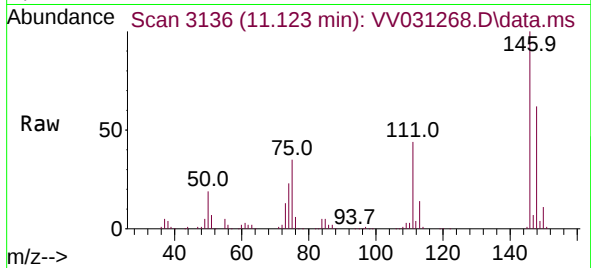




#64
1,3-Dichlorobenzene
Concen: 5.711 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

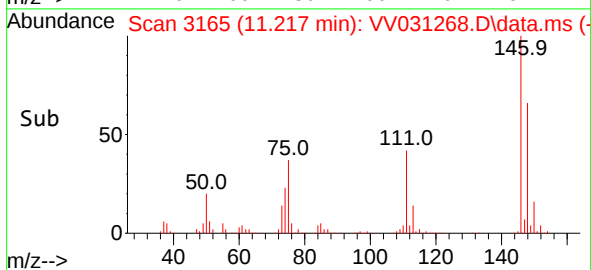
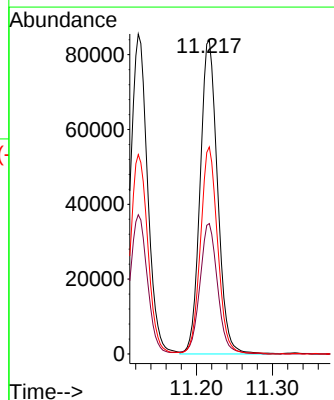
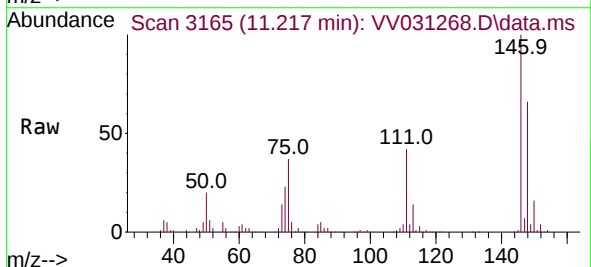
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

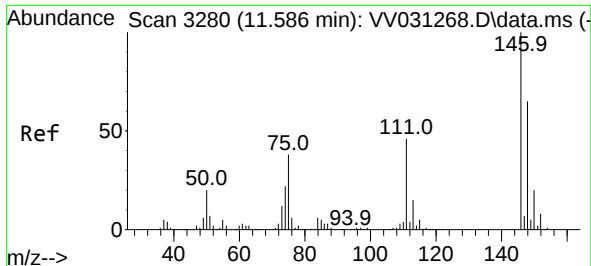
Tgt Ion:146 Resp: 133784
Ion Ratio Lower Upper
146 100
111 43.5 30.4 56.5
148 62.3 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 5.658 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion:146 Resp: 133536
Ion Ratio Lower Upper
146 100
111 41.6 29.1 54.1
148 66.0 46.2 85.8

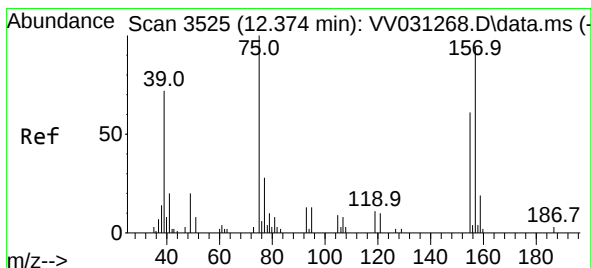
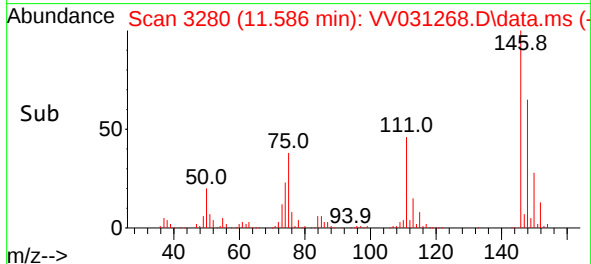
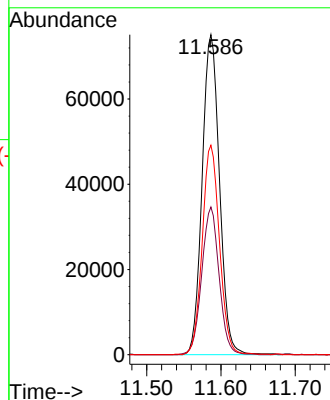
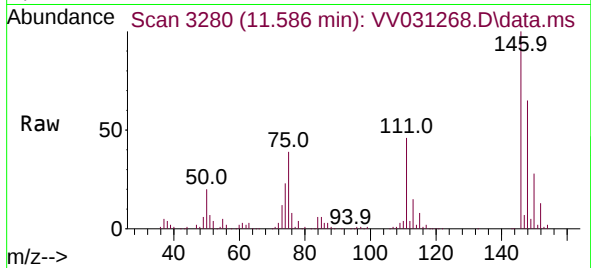




#67
1,2-Dichlorobenzene
Concen: 5.541 ug/L
RT: 11.586 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

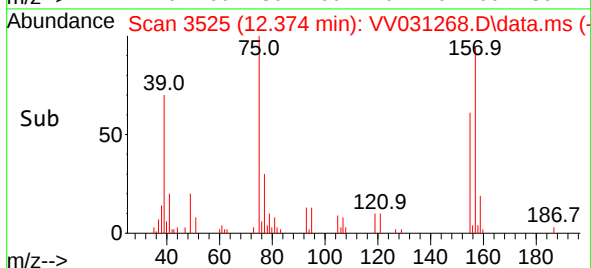
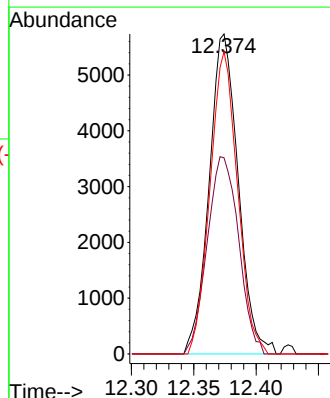
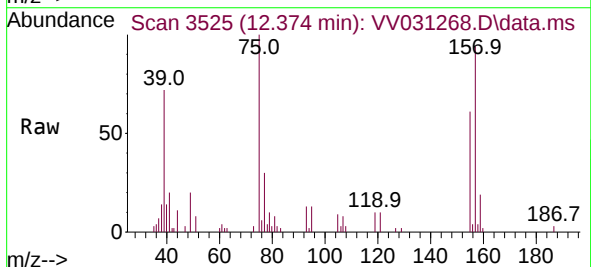
Instrument :
MSVOA_V
ClientSampleId :
VSTD005249

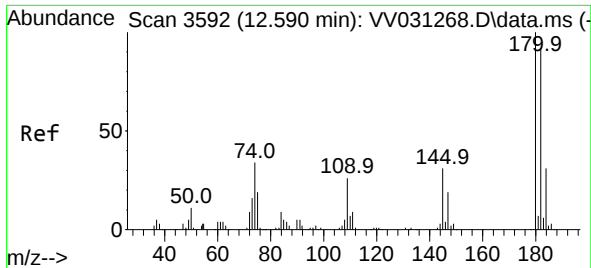
Tgt Ion:146 Resp: 121817
Ion Ratio Lower Upper
146 100
111 46.2 37.0 55.4
148 65.4 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.774 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.000 min
Lab File: VV031268.D
Acq: 30 May 2023 15:12

Tgt Ion: 75 Resp: 9327
Ion Ratio Lower Upper
75 100
155 61.3 49.0 73.6
157 94.5 75.6 113.4

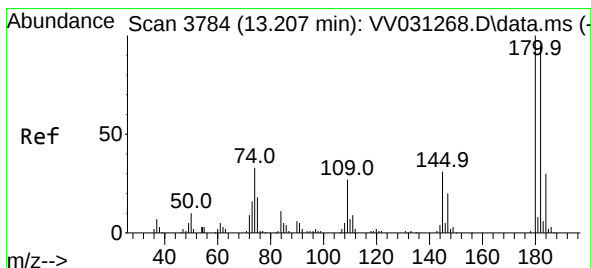
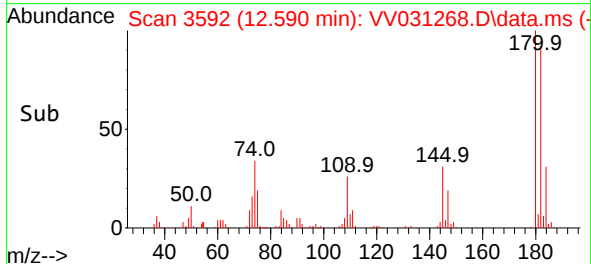
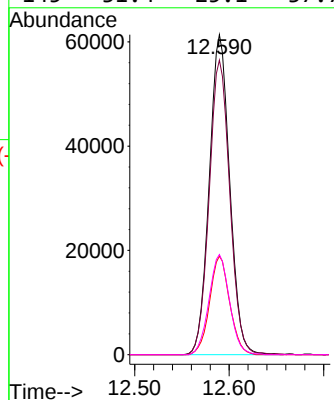
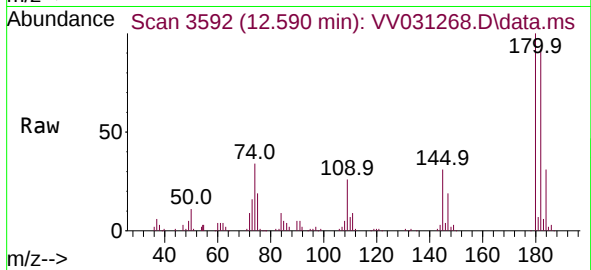




#69
 1,3,5-Trichlorobenzene
 Concen: 4.931 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.000 min
 Lab File: VV031268.D
 Acq: 30 May 2023 15:12

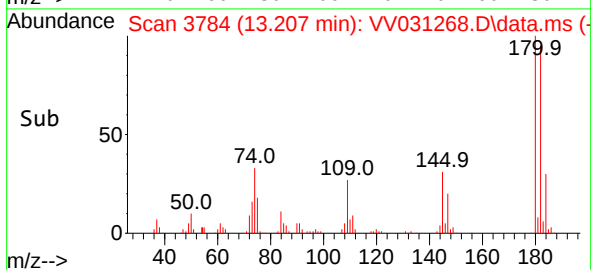
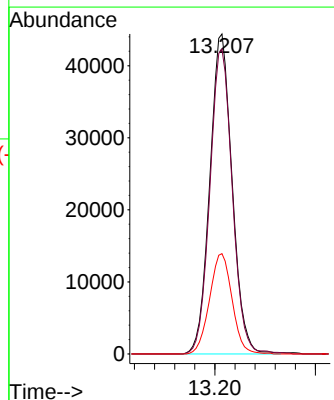
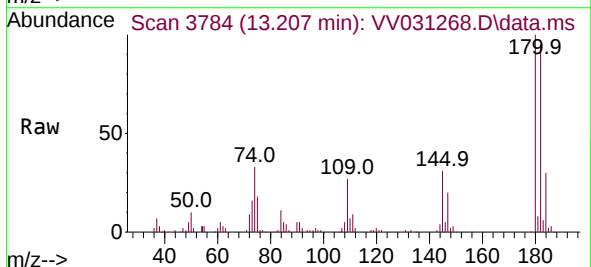
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005249

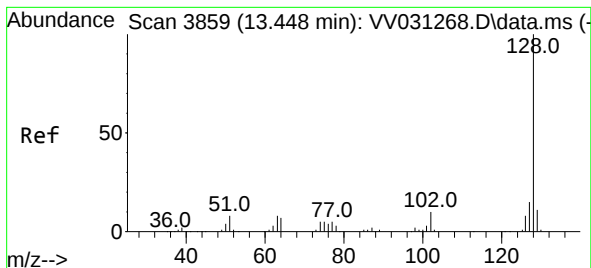
Tgt Ion:180	Resp:	92021
Ion Ratio	Lower	Upper
180	100	
182	93.1	74.5 111.7
184	30.2	24.2 36.2
145	31.4	25.1 37.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.734 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.000 min
 Lab File: VV031268.D
 Acq: 30 May 2023 15:12

Tgt Ion:180	Resp:	68547
Ion Ratio	Lower	Upper
180	100	
182	95.6	76.5 114.7
145	31.6	25.3 37.9





#71

Naphthalene

Concen: 4.148 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV031268.D

Acq: 30 May 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005249

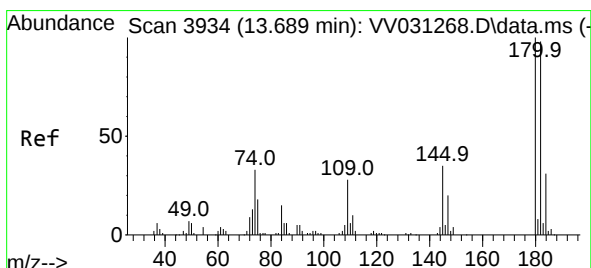
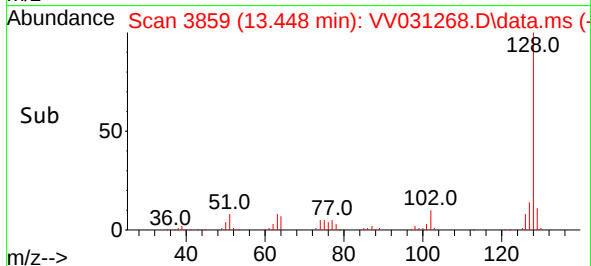
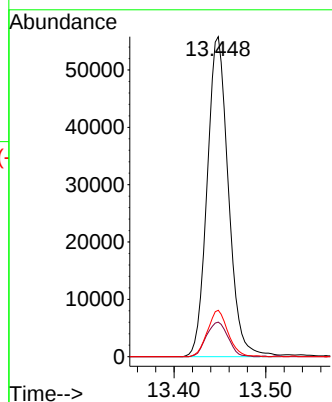
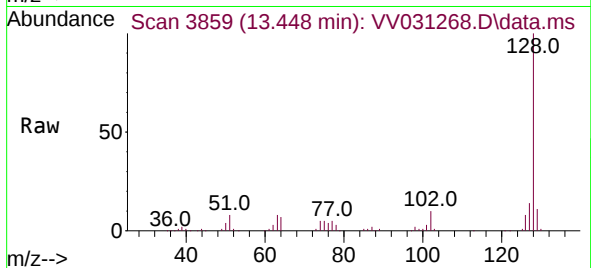
Tgt Ion:128 Resp: 89856

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 14.1 11.3 16.9



#72

1,2,3-Trichlorobenzene

Concen: 4.888 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV031268.D

Acq: 30 May 2023 15:12

Tgt Ion:180 Resp: 60808

Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

145 34.8 27.8 41.8

