

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030968.D
 Acq On : 01 May 2023 20:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

Quant Time: May 02 01:35:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	131729	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	126772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	75656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	47325	4.361	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.535	69	39915	4.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.063	65	25966	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.834	46	91052	47.310	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.620%
24) Chloroform-d	4.259	84	99790	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.956	65	51043	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.969	84	171147	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	5.998	67	46578	4.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.249	98	170554	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.561	79	19894	4.912	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.037	63	74356	52.397	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	41003	5.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	65612	4.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	46727	4.490	ug/L	97
3) Chloromethane	1.217	50	53542	4.384	ug/L	97
5) Vinyl chloride	1.285	62	47675	4.664	ug/L	98
6) Bromomethane	1.490	94	21292	4.374	ug/L	98
8) Chloroethane	1.555	64	28820	4.632	ug/L	97
9) Trichlorofluoromethane	1.719	101	89956	4.770	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	47889	4.975	ug/L	98
12) 1,1-Dichloroethene	2.072	96	40866	4.610	ug/L	91
13) Acetone	2.162	43	66067	40.188	ug/L	93
14) Carbon disulfide	2.246	76	95131	4.101	ug/L	98
15) Methyl Acetate	2.394	43	14626	4.373	ug/L #	78
16) Methylene chloride	2.455	84	41559	4.144	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	92457	5.479	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	38049	4.699	ug/L	95
19) 1,1-Dichloroethane	3.121	63	75990	4.860	ug/L	99
21) 2-Butanone	3.918	43	77706	42.978	ug/L	84
22) cis-1,2-Dichloroethene	3.825	96	41214	4.824	ug/L	98
23) Bromochloromethane	4.162	128	20252	5.035	ug/L	93
25) Chloroform	4.288	83	86093	5.132	ug/L	99

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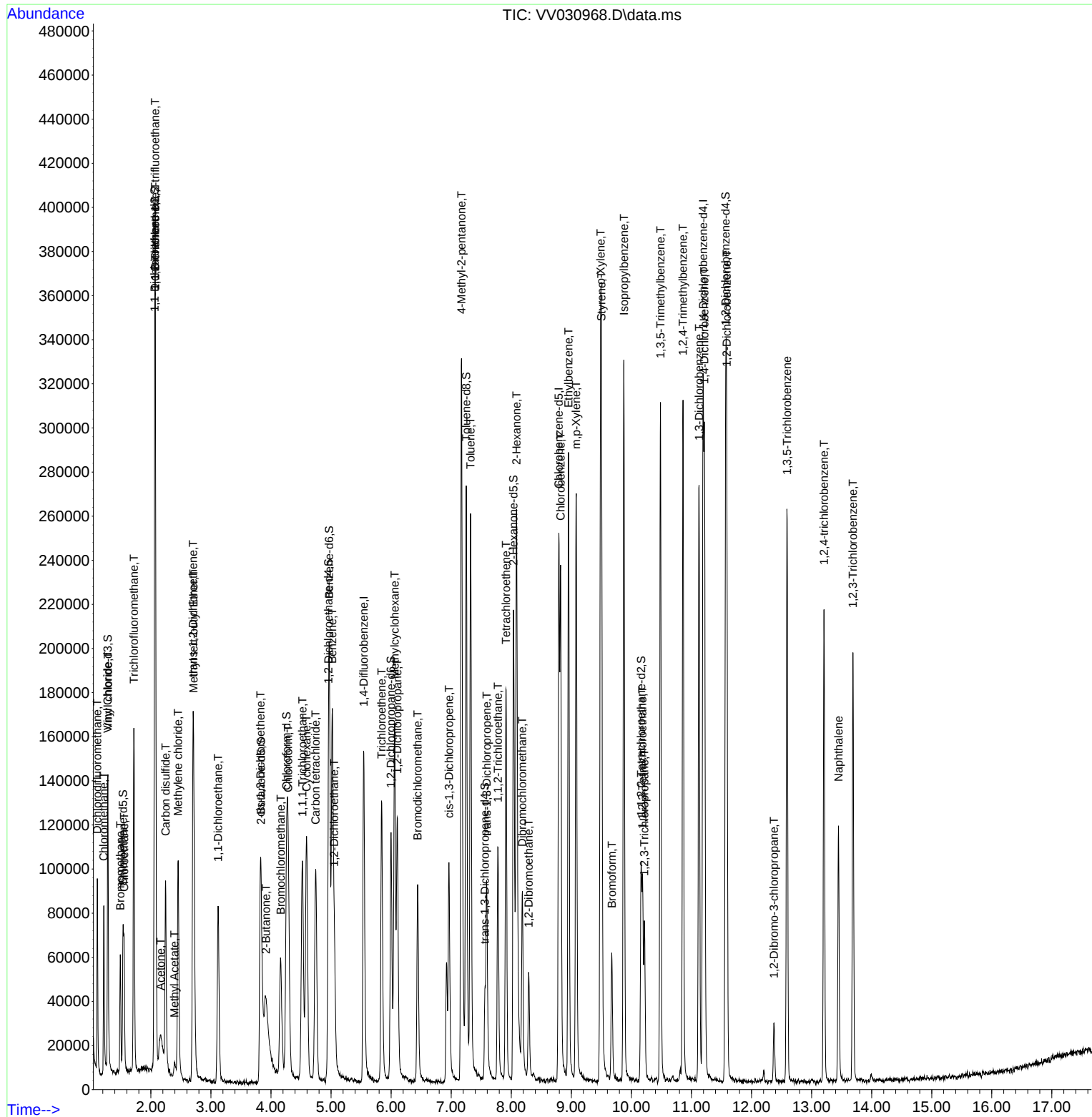
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	58101	5.518	ug/L	99
29) 1,1,1-Trichloroethane	4.522	97	81922	5.143	ug/L	99
30) Cyclohexane	4.593	56	54042	4.492	ug/L	99
31) Carbon tetrachloride	4.744	117	72756	5.085	ug/L	98
33) Benzene	5.021	78	158317	4.965	ug/L	100
34) Trichloroethene	5.844	95	42524	5.003	ug/L	98
35) Methylcyclohexane	6.059	83	59046	4.482	ug/L	99
37) 1,2-Dichloropropane	6.104	63	39712	5.250	ug/L	97
38) Bromodichloromethane	6.442	83	59026	5.332	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	57148	5.045	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	245645	62.681	ug/L	100
42) Toluene	7.323	91	181073	5.274	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	50627	5.245	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	32057	5.712	ug/L	95
47) Tetrachloroethene	7.911	164	40009	4.934	ug/L	97
48) 2-Hexanone	8.088	43	179596	59.750	ug/L	99
49) Dibromochloromethane	8.185	129	38496	5.452	ug/L	99
50) 1,2-Dibromoethane	8.291	107	28915	5.777	ug/L #	100
51) Chlorobenzene	8.821	112	117752	5.059	ug/L	100
52) Ethylbenzene	8.953	91	189001	5.050	ug/L	97
53) m,p-Xylene	9.082	106	73523	4.922	ug/L	98
54) o-Xylene	9.487	106	71695	5.044	ug/L	96
55) Styrene	9.503	104	125268	5.222	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	38216	6.092	ug/L	94
59) Bromoform	9.673	173	24565	5.516	ug/L	96
60) Isopropylbenzene	9.876	105	200441	4.914	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	26333	5.541	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	157704	4.749	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	160449	4.769	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	104830	5.004	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	105580	4.996	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	94591	5.022	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	6143	5.092	ug/L	95
69) 1,3,5-Trichlorobenzene	12.593	180	80621	4.860	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	64171	5.034	ug/L	98
71) Naphthalene	13.448	128	89973	4.923	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	58041	5.379	ug/L	97

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

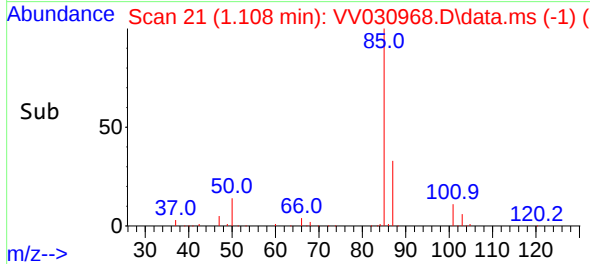
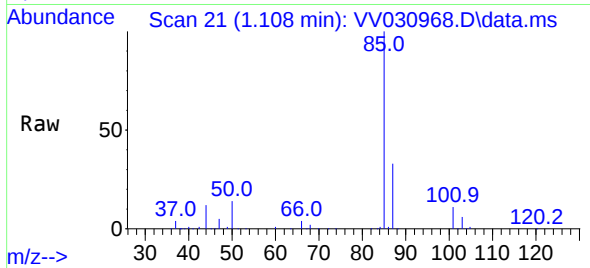
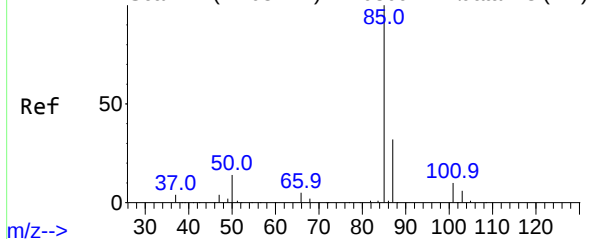
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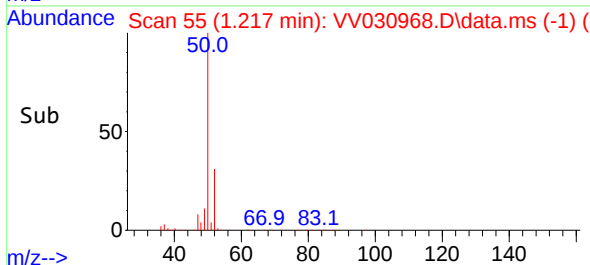
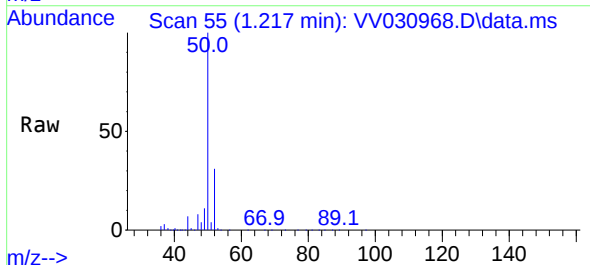
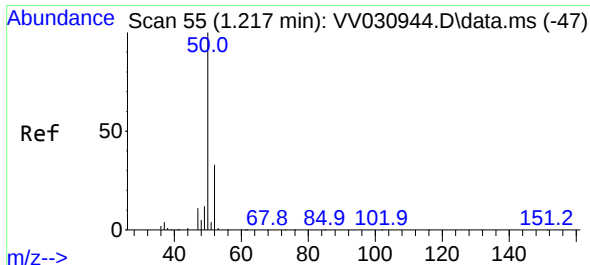
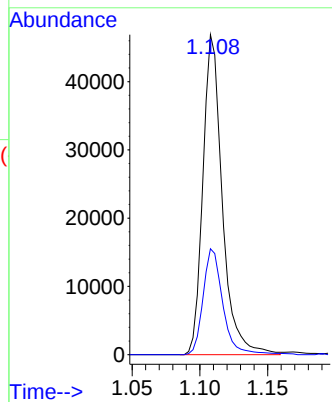
Abundance Scan 21 (1.108 min): VV030944.D\data.ms (-14)



#2
Dichlorodifluoromethane
Concen: 4.490 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

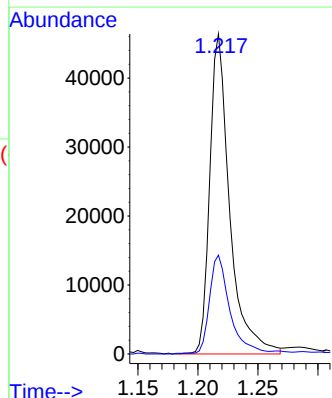
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VSTD005339

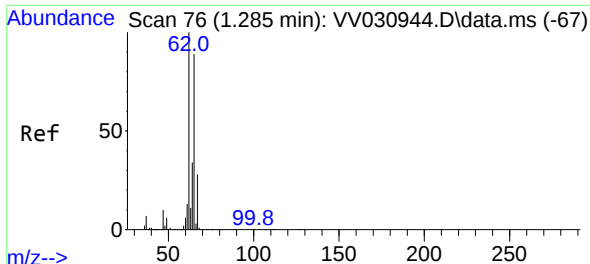
Tgt Ion: 85 Resp: 46727
Ion Ratio Lower Upper
85 100
87 33.7 25.8 38.6



#3
Chloromethane
Concen: 4.384 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 50 Resp: 53542
Ion Ratio Lower Upper
50 100
52 30.9 22.8 42.4

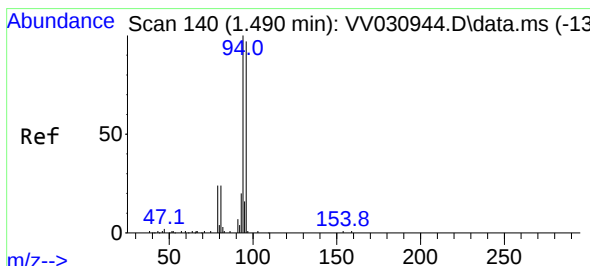
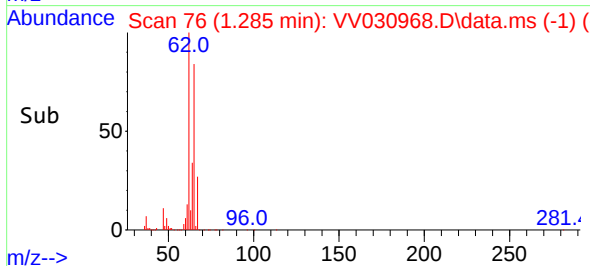
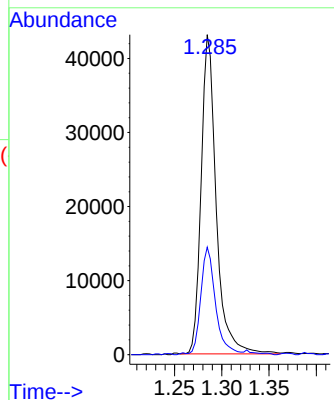
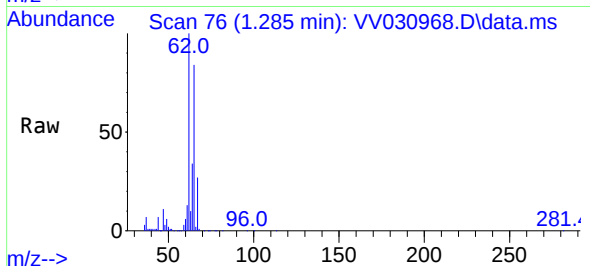




#5
 Vinyl chloride
 Concen: 4.664 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030968.D
 Acq: 01 May 2023 20:19

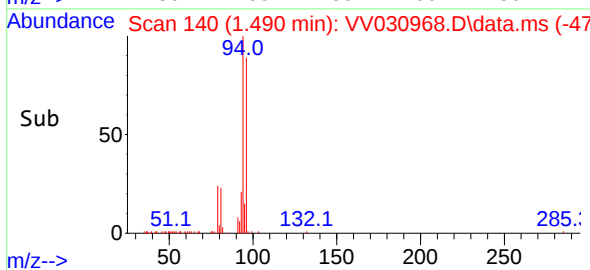
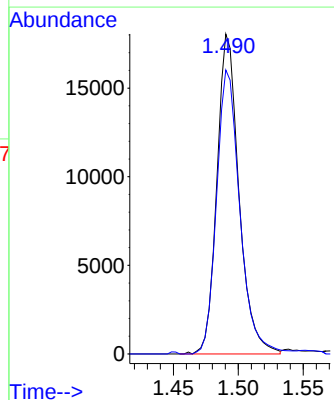
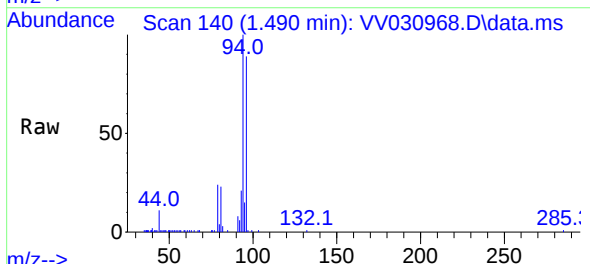
Instrument :
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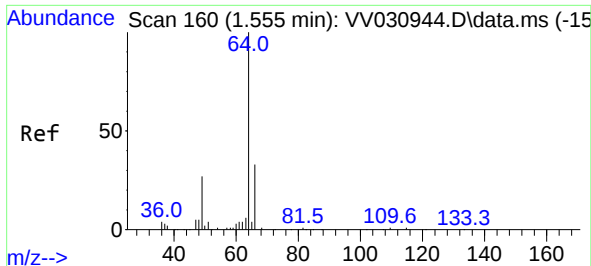
Tgt Ion: 62 Resp: 47675
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#6
 Bromomethane
 Concen: 4.374 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030968.D
 Acq: 01 May 2023 20:19

Tgt Ion: 94 Resp: 21292
 Ion Ratio Lower Upper
 94 100
 96 88.8 63.4 117.8

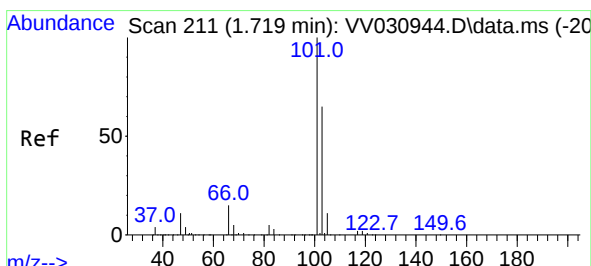
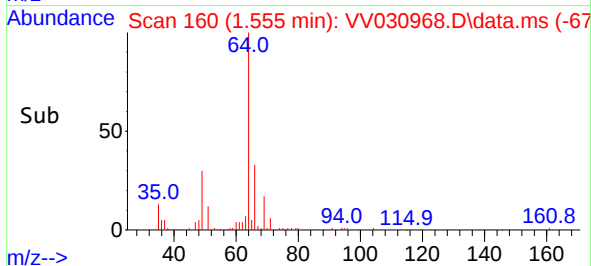
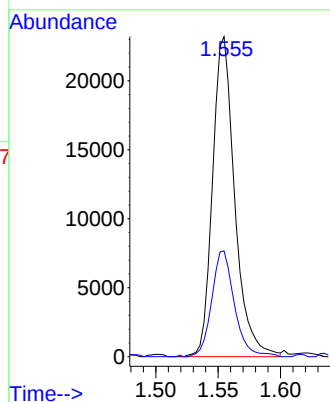
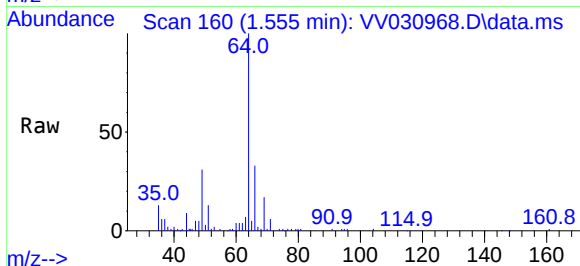




#8
Chloroethane
Concen: 4.632 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

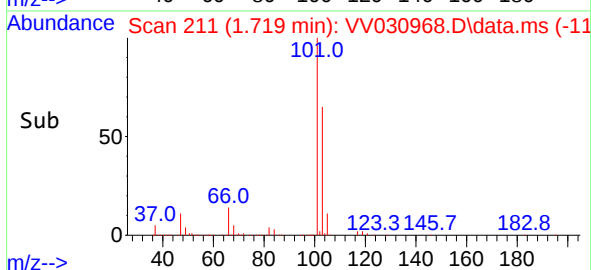
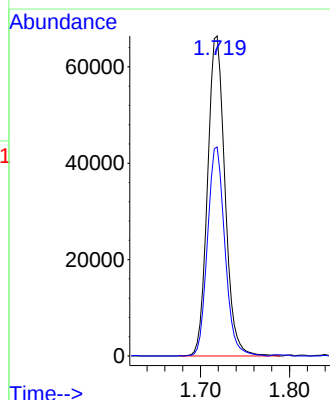
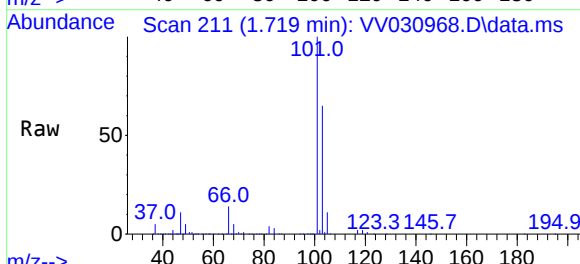
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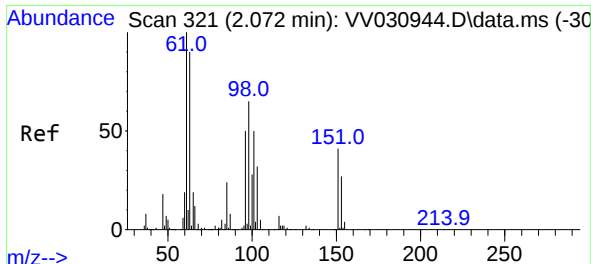
Tgt Ion: 64 Resp: 28820
Ion Ratio Lower Upper
64 100
66 33.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.770 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion:101 Resp: 89956
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

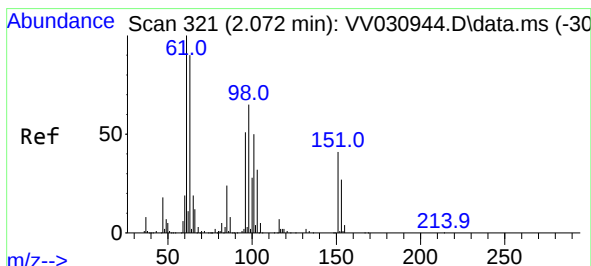
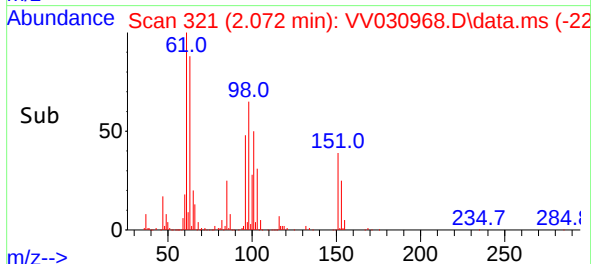
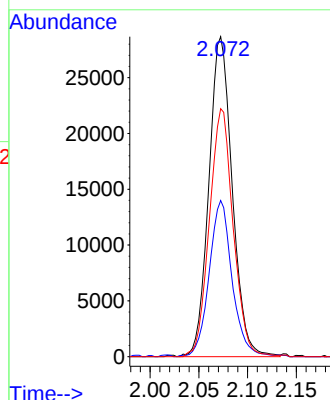
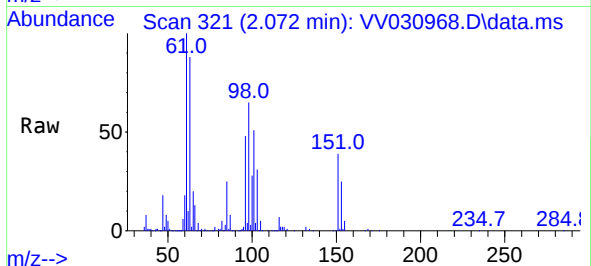




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.975 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

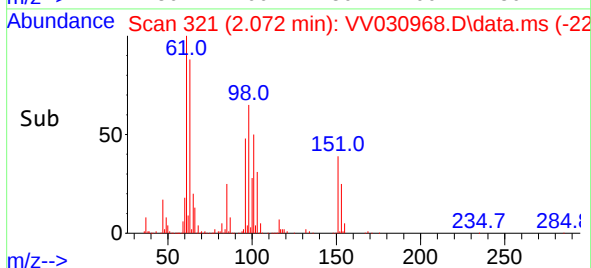
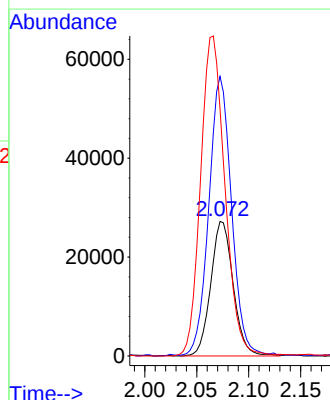
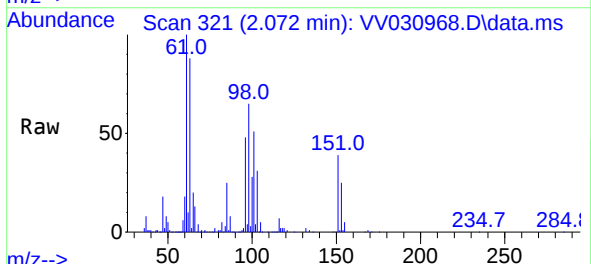
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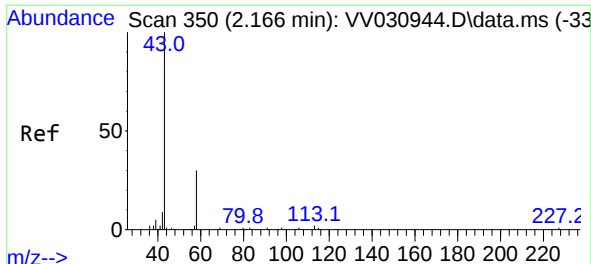
Tgt Ion:101 Resp: 47889
Ion Ratio Lower Upper
101 100
85 47.8 38.7 58.1
151 78.7 65.1 97.7



#12
1,1-Dichloroethene
Concen: 4.610 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 96 Resp: 40866
Ion Ratio Lower Upper
96 100
61 207.7 135.6 251.8
63 183.5 121.1 224.9

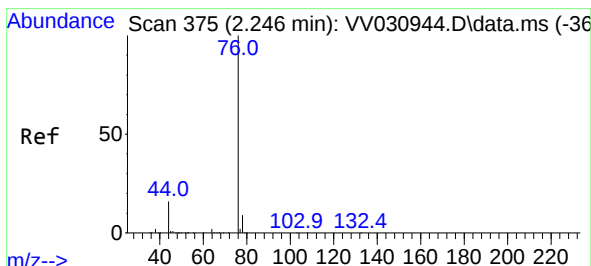
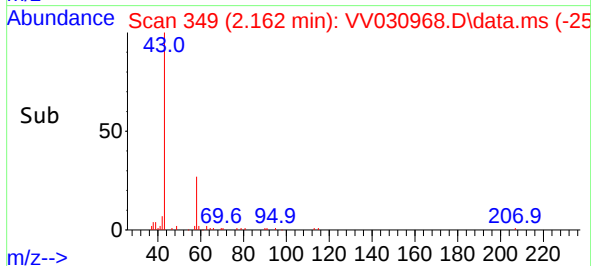
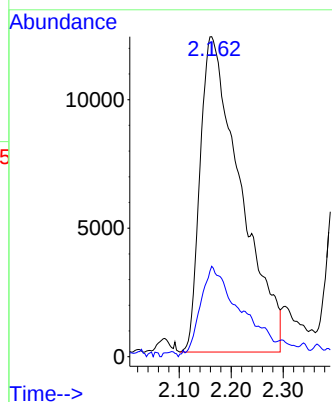
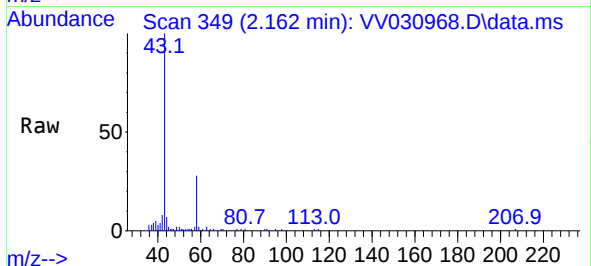




#13
Acetone
Concen: 40.188 ug/L
RT: 2.162 min Scan# 34
Delta R.T. 0.003 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

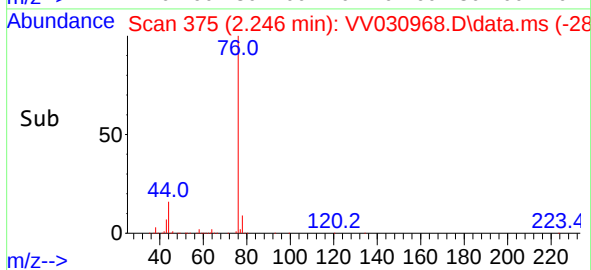
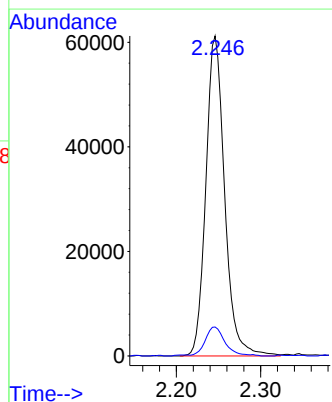
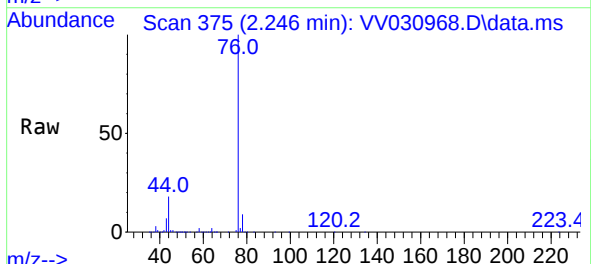
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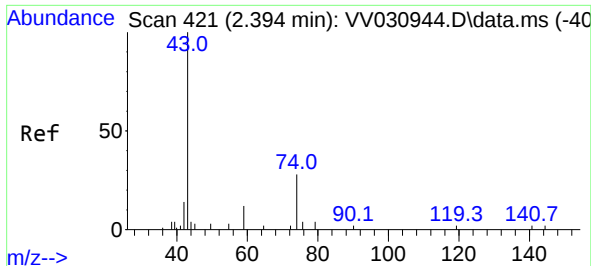
Tgt Ion: 43 Resp: 66067
Ion Ratio Lower Upper
43 100
58 21.8 0.0 37.0



#14
Carbon disulfide
Concen: 4.101 ug/L
RT: 2.246 min Scan# 375
Delta R.T. -0.000 min
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Acq: 01 May 2023 20:19

Tgt Ion: 76 Resp: 95131
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

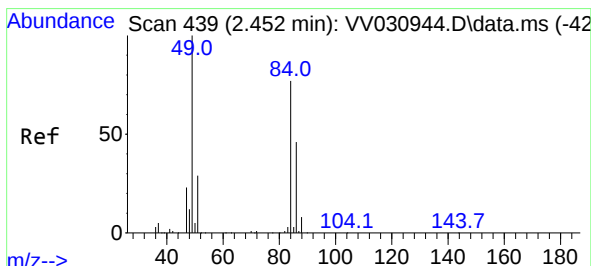
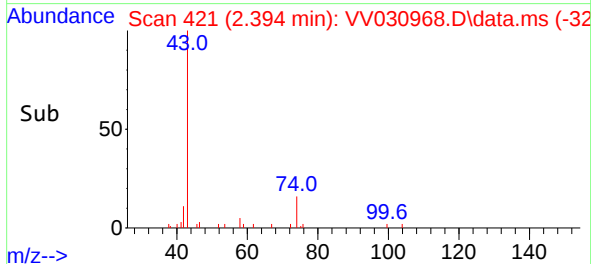
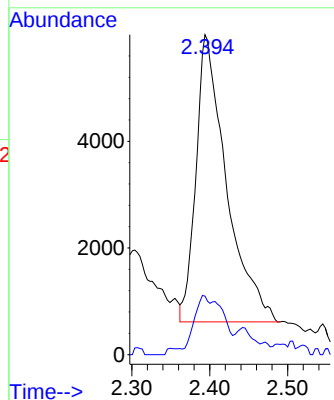
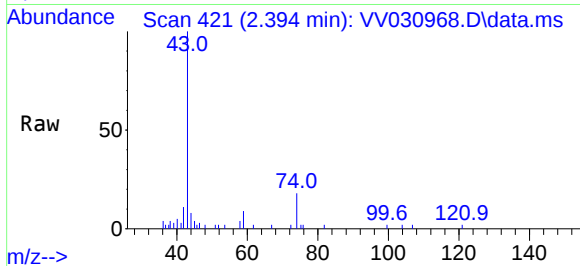




#15
Methyl Acetate
Concen: 4.373 ug/L
RT: 2.394 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

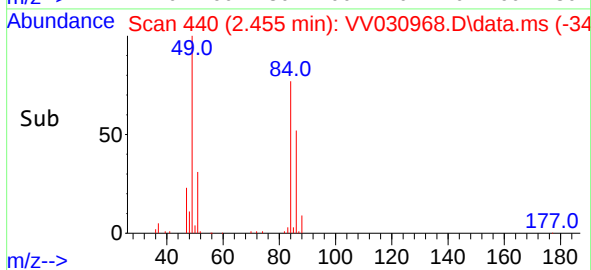
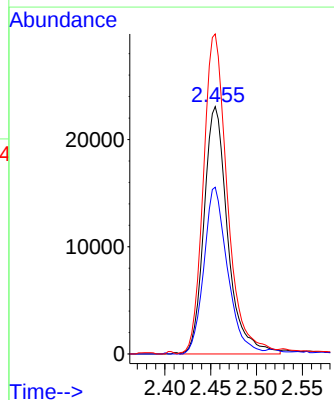
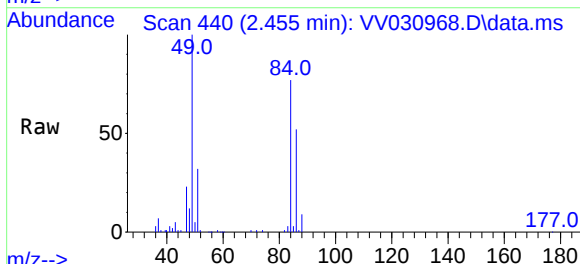
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

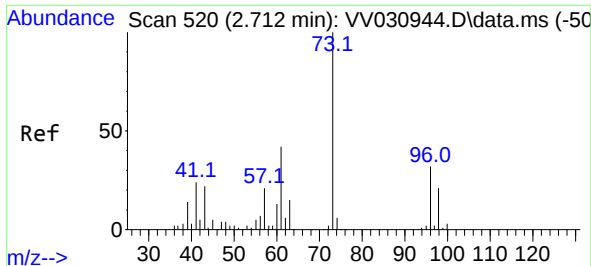
Tgt Ion: 43 Resp: 14626
Ion Ratio Lower Upper
43 100
74 9.0 15.0 22.6#



#16
Methylene chloride
Concen: 4.144 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 84 Resp: 41559
Ion Ratio Lower Upper
84 100
86 67.4 46.1 85.5
49 129.3 94.3 175.1



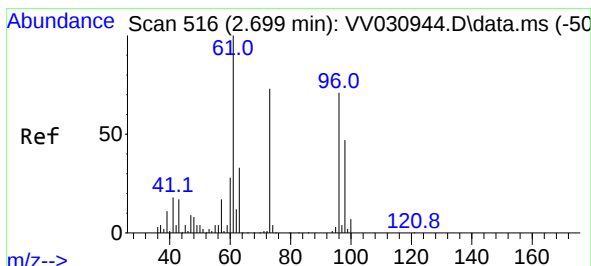
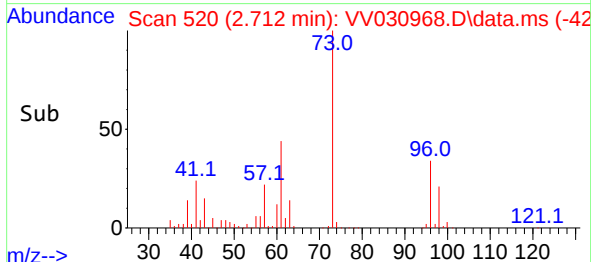
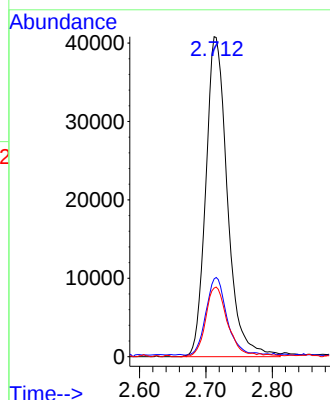
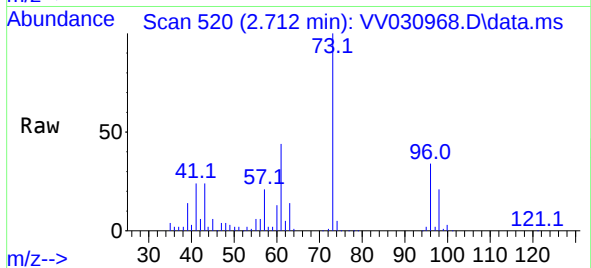


#17
Methyl tert-butyl Ether
Concen: 5.479 ug/L
RT: 2.712 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

Tgt Ion: 73 Resp: 92457

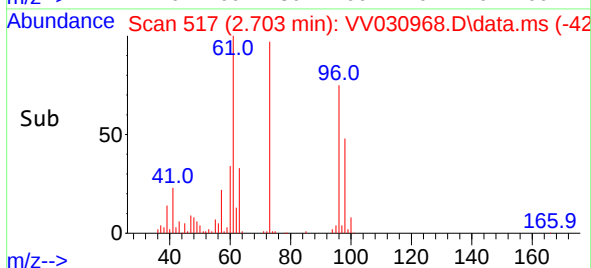
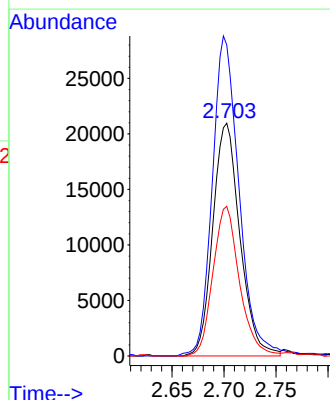
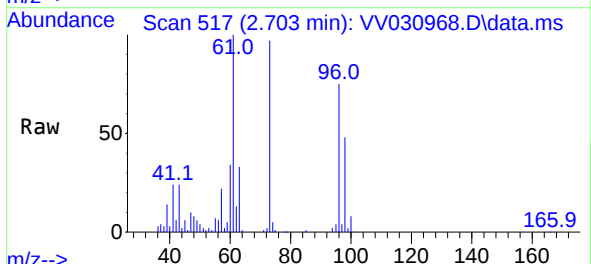
Ion	Ratio	Lower	Upper
73	100		
43	23.4	19.9	29.9
57	22.0	18.2	27.4

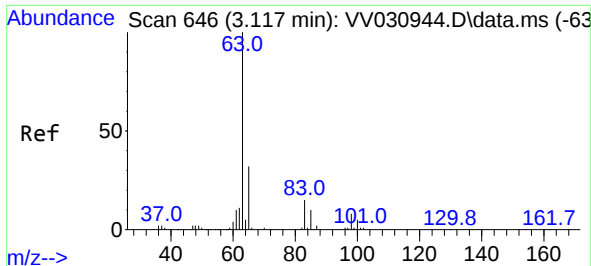


#18
trans-1,2-Dichloroethene
Concen: 4.699 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 96 Resp: 38049

Ion	Ratio	Lower	Upper
96	100		
61	133.6	98.9	183.7
98	64.3	46.0	85.4

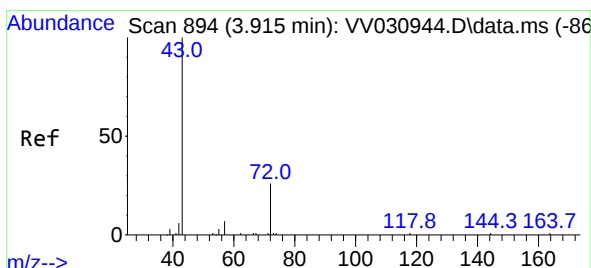
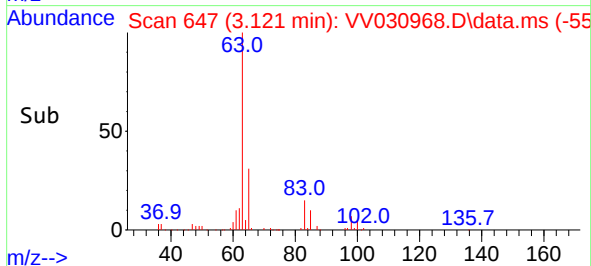
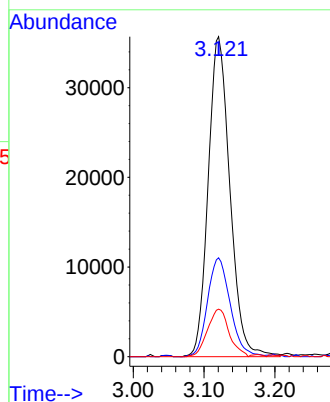
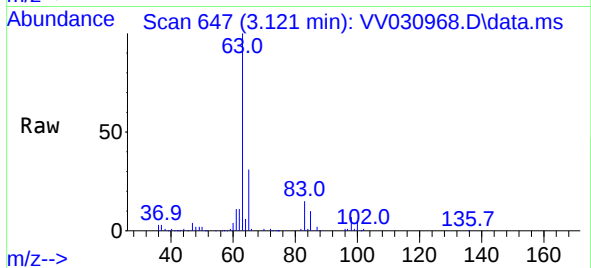




#19
1,1-Dichloroethane
Concen: 4.860 ug/L
RT: 3.121 min Scan# 647
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

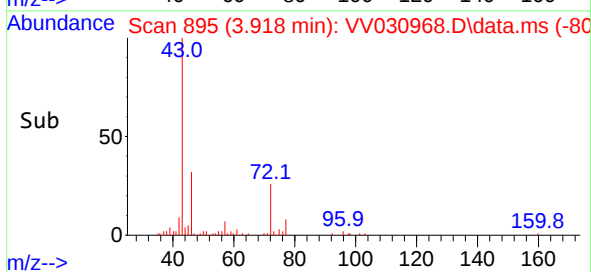
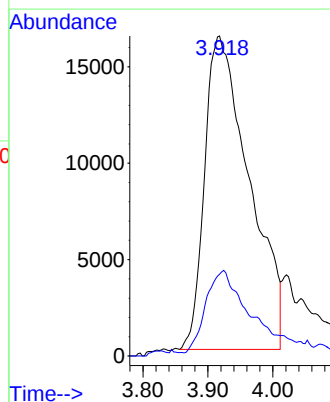
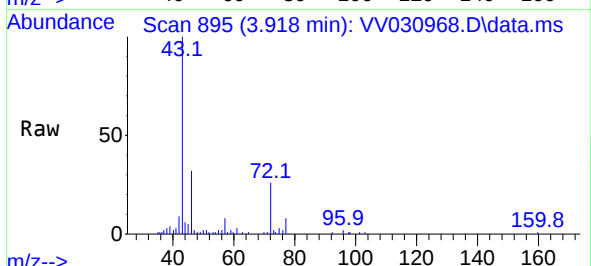
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

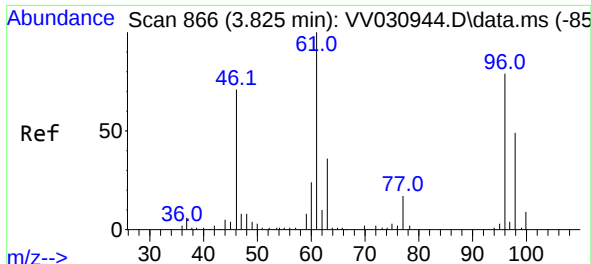
Tgt Ion:	63	Resp:	75990
Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.8	40.6
83	14.8	10.2	19.0



#21
2-Butanone
Concen: 42.978 ug/L
RT: 3.918 min Scan# 895
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

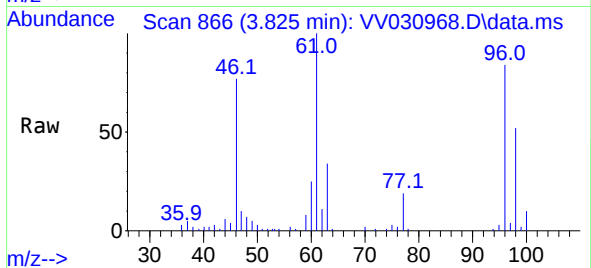
Tgt Ion:	43	Resp:	77706
Ion	Ratio	Lower	Upper
43	100		
72	26.2	9.6	28.6





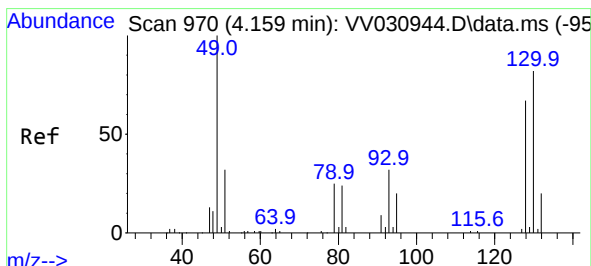
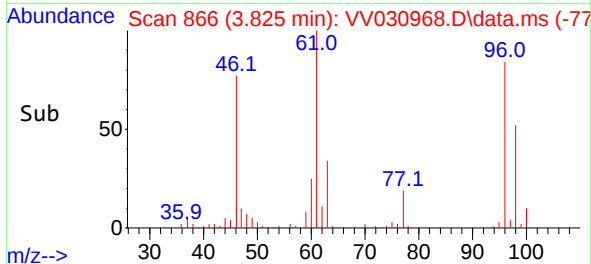
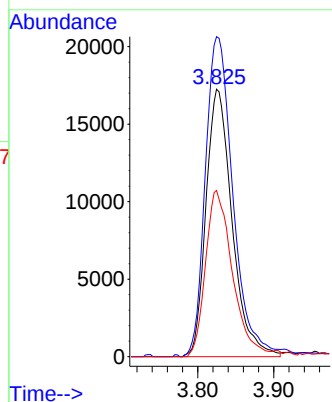
#22
cis-1,2-Dichloroethene
Concen: 4.824 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.003 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005339



Tgt Ion: 96 Resp: 41214

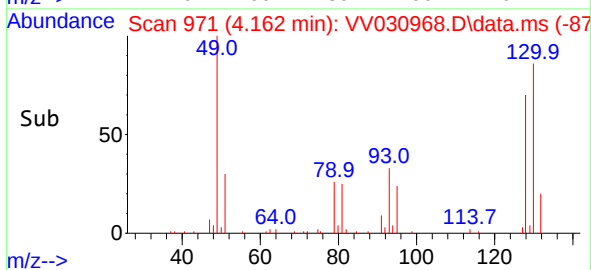
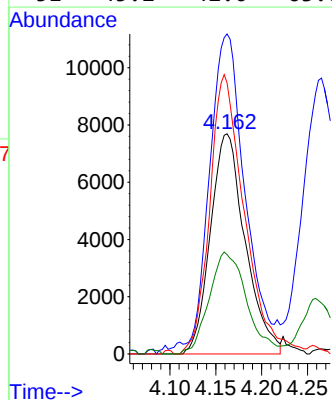
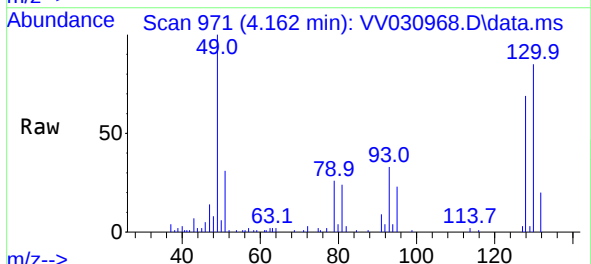
Ion	Ratio	Lower	Upper
96	100		
61	119.6	86.0	159.6
98	62.1	43.2	80.2

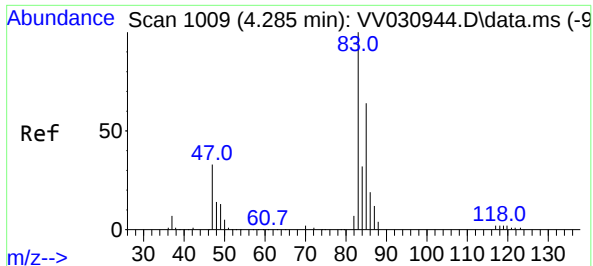


#23
Bromochloromethane
Concen: 5.035 ug/L
RT: 4.162 min Scan# 971
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 128 Resp: 20252

Ion	Ratio	Lower	Upper
128	100		
49	145.3	104.7	194.5
130	123.1	93.4	173.4
51	45.2	42.0	63.0





#25

Chloroform

Concen: 5.132 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV030968.D

Acq: 01 May 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :

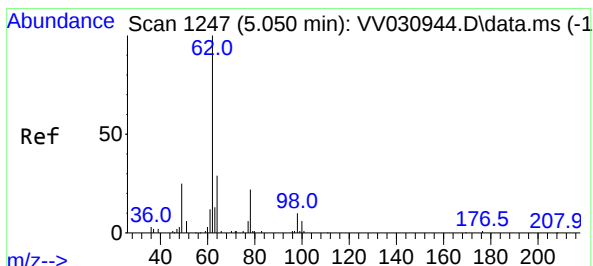
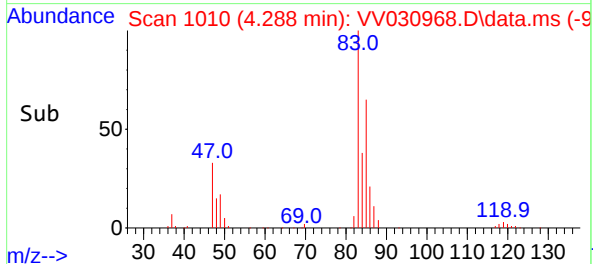
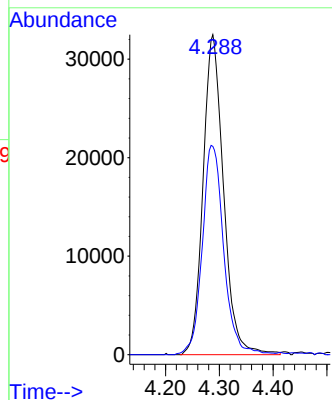
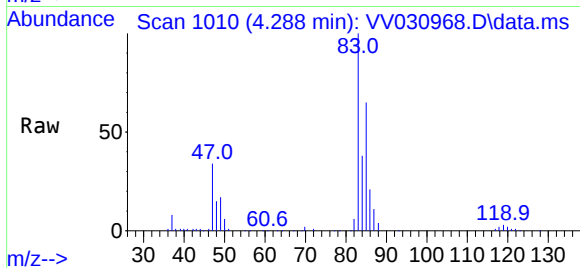
VSTD005339

Tgt Ion: 83 Resp: 86093

Ion Ratio Lower Upper

83 100

85 65.1 46.4 86.2



#27

1,2-Dichloroethane

Concen: 5.518 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VV030968.D

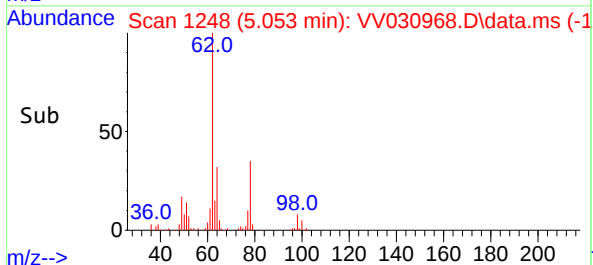
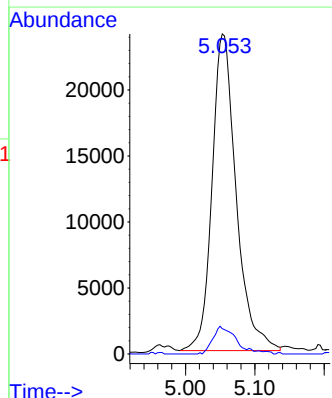
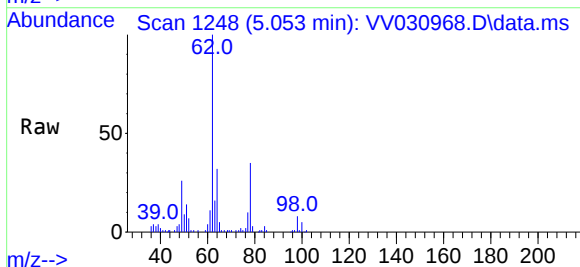
Acq: 01 May 2023 20:19

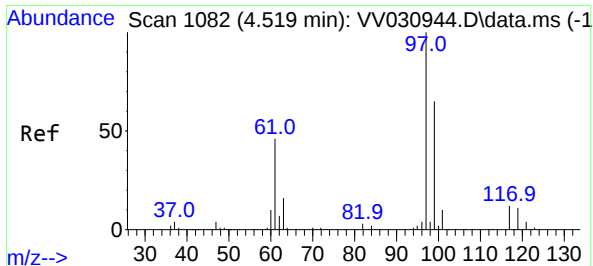
Tgt Ion: 62 Resp: 58101

Ion Ratio Lower Upper

62 100

98 7.9 6.0 9.0

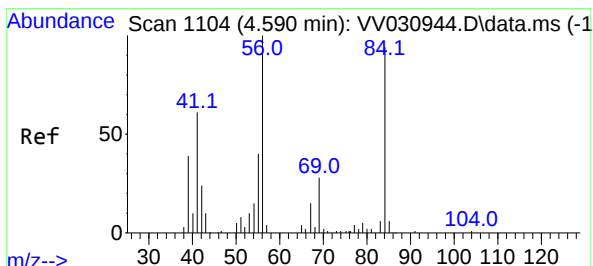
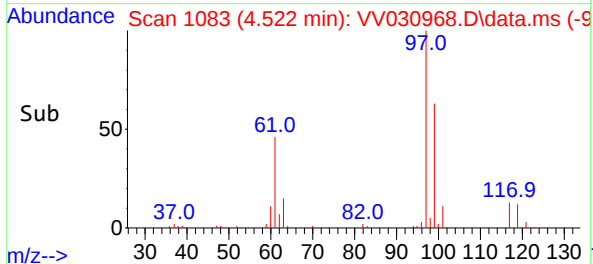
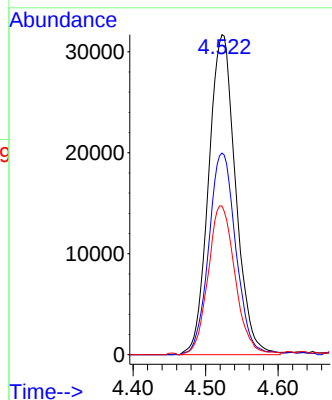
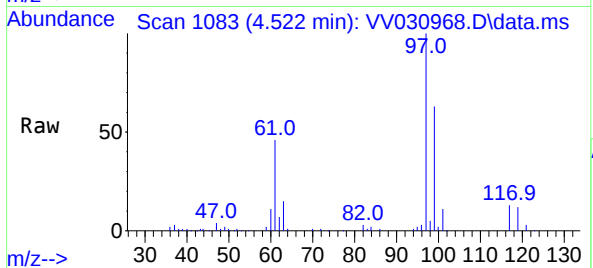




#29
1,1,1-Trichloroethane
Concen: 5.143 ug/L
RT: 4.522 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

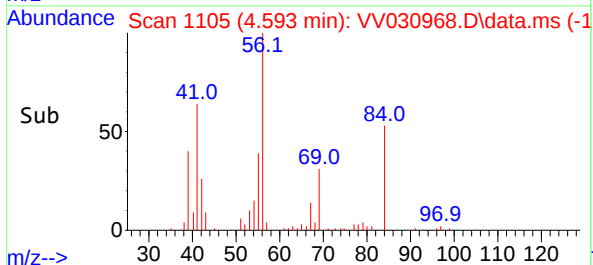
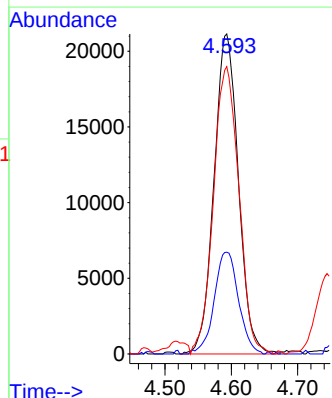
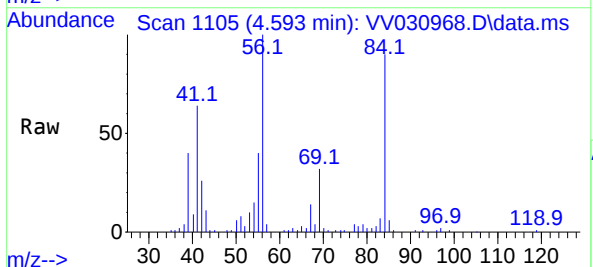
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

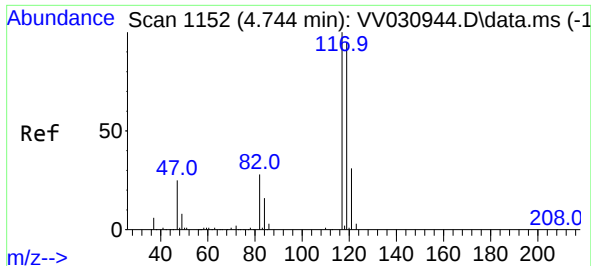
Tgt Ion:	97	Resp:	81922
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.2
61	46.7	37.4	56.0



#30
Cyclohexane
Concen: 4.492 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion:	56	Resp:	54042
Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.0	37.6
84	93.7	74.2	111.2

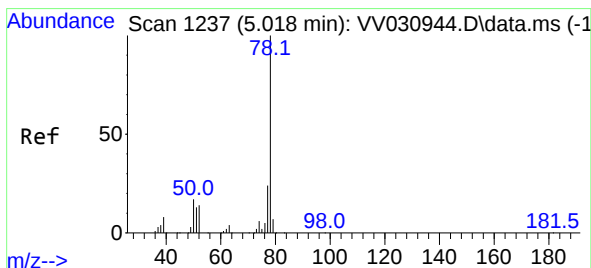
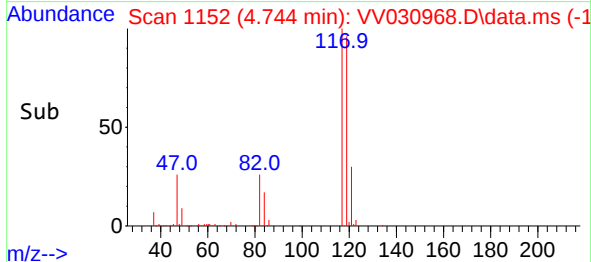
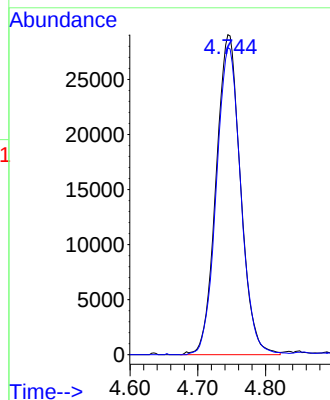
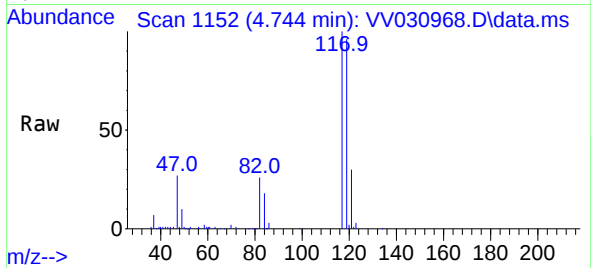




#31
Carbon tetrachloride
Concen: 5.085 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

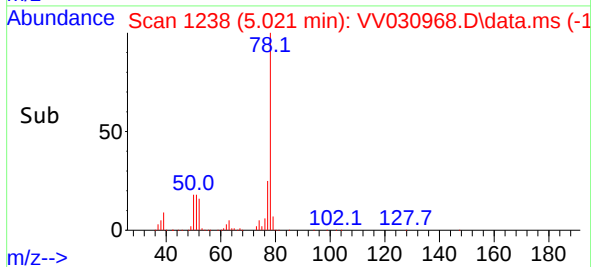
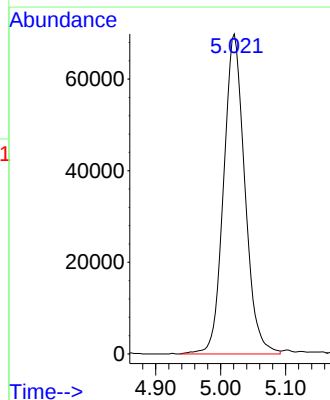
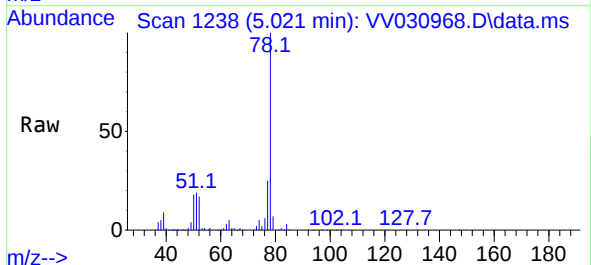
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

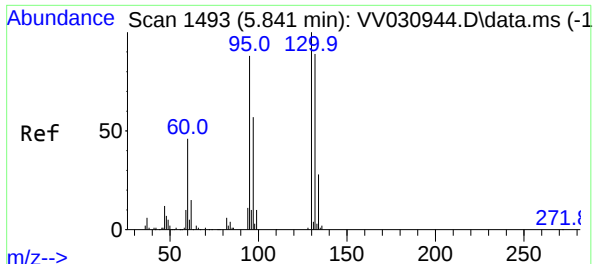
Tgt Ion:117 Resp: 72756
Ion Ratio Lower Upper
117 100
119 96.2 78.4 117.6



#33
Benzene
Concen: 4.965 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 78 Resp: 158317





#34

Trichloroethene

Concen: 5.003 ug/L

RT: 5.844 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030968.D

Acq: 01 May 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005339

Tgt Ion: 95 Resp: 42524

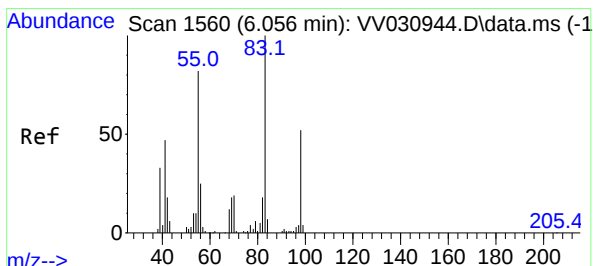
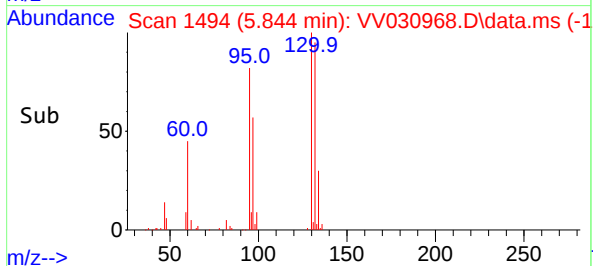
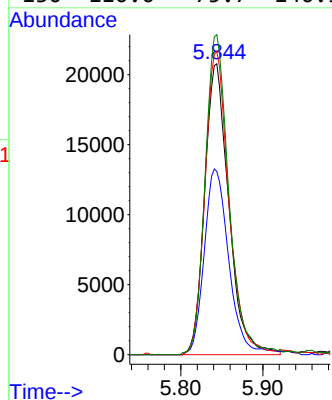
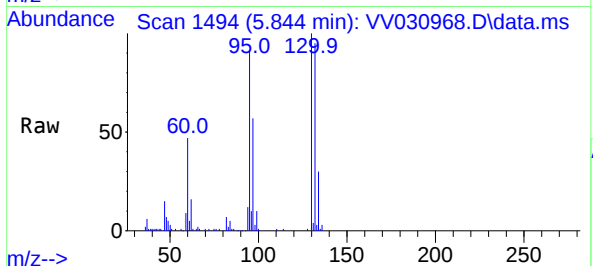
Ion Ratio Lower Upper

95 100

97 63.0 46.2 85.8

132 104.2 72.7 135.1

130 110.0 75.7 140.5



#35

Methylcyclohexane

Concen: 4.482 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.000 min

Lab File: VV030968.D

Acq: 01 May 2023 20:19

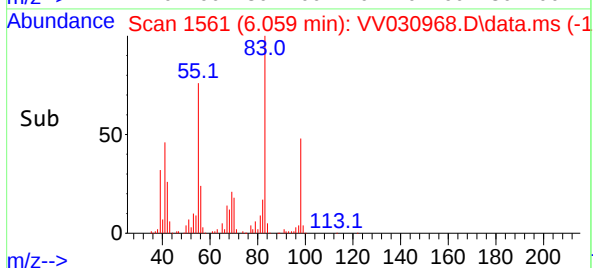
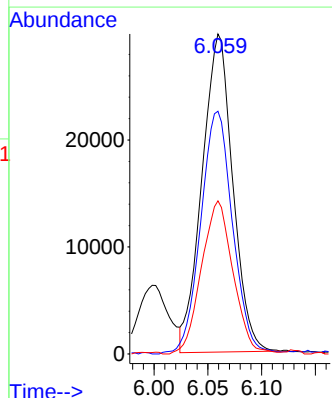
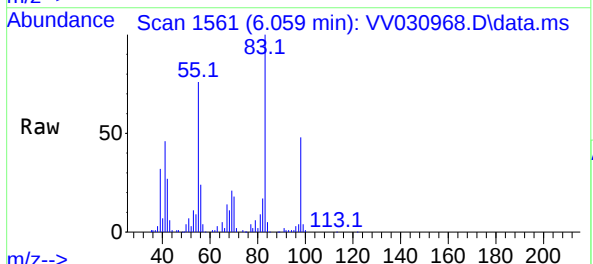
Tgt Ion: 83 Resp: 59046

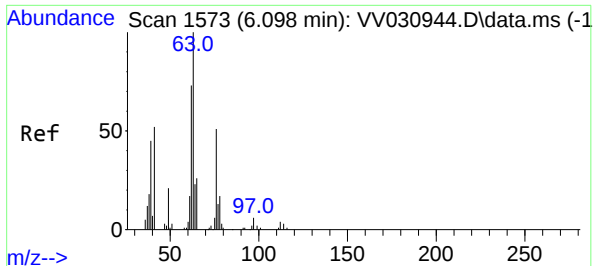
Ion Ratio Lower Upper

83 100

55 79.4 62.9 94.3

98 49.6 40.5 60.7

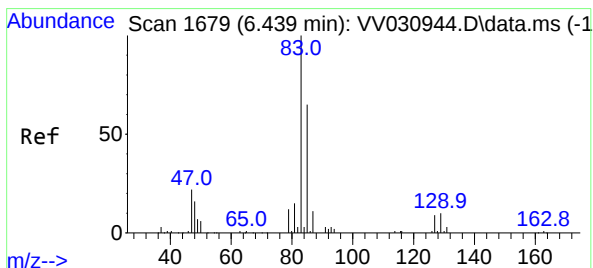
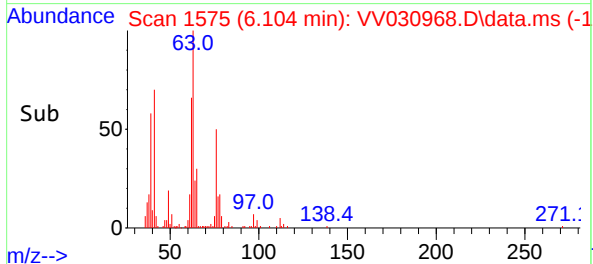
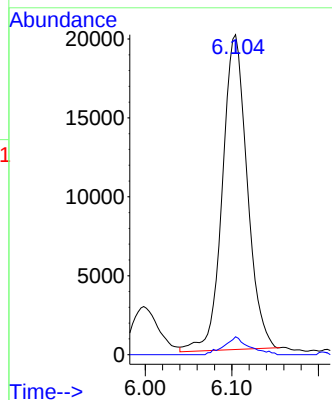
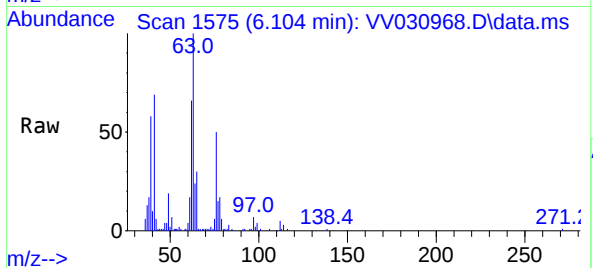




#37
1,2-Dichloropropane
Concen: 5.250 ug/L
RT: 6.104 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

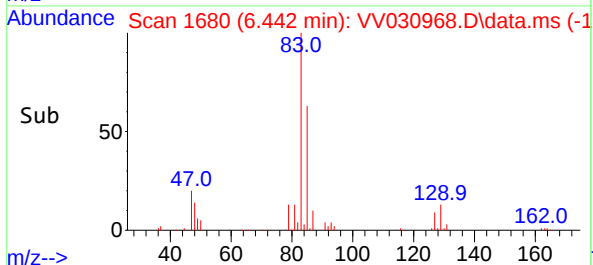
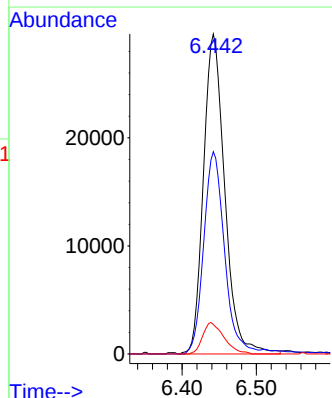
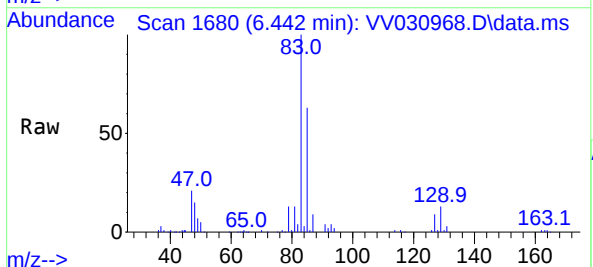
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

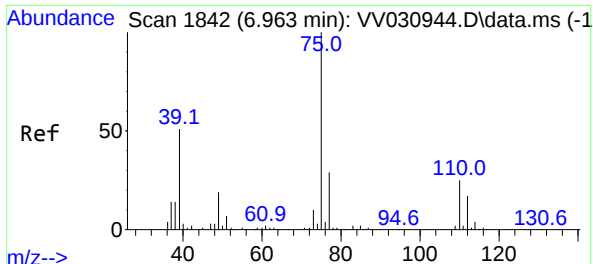
Tgt Ion: 63 Resp: 39712
Ion Ratio Lower Upper
63 100
112 5.7 3.8 5.8



#38
Bromodichloromethane
Concen: 5.332 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 83 Resp: 59026
Ion Ratio Lower Upper
83 100
85 63.2 44.4 82.4
127 9.2 6.6 9.8

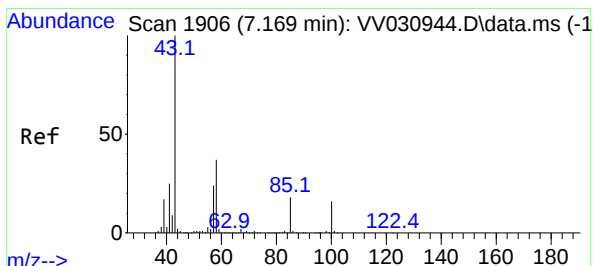
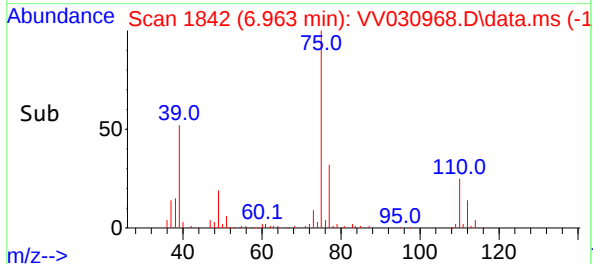
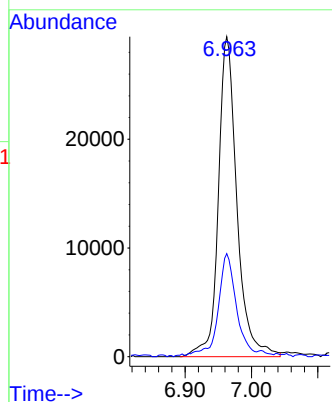
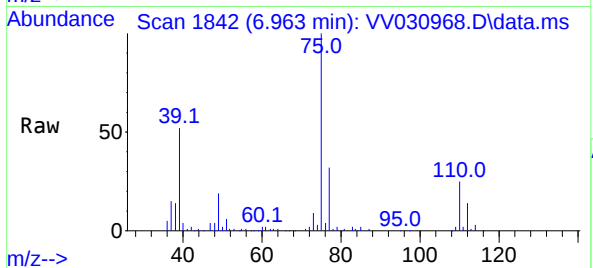




#39
cis-1,3-Dichloropropene
Concen: 5.045 ug/L
RT: 6.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

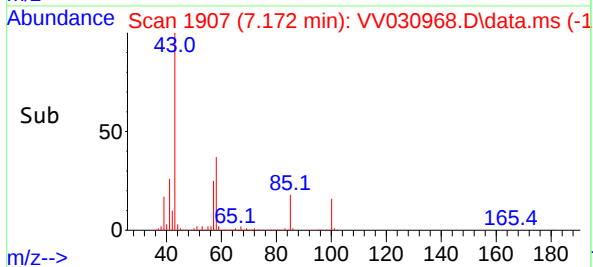
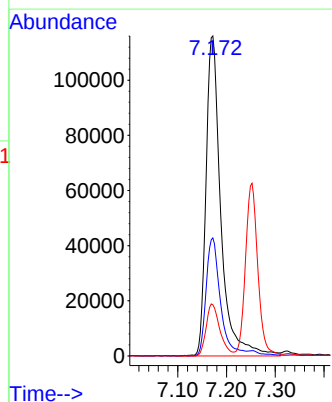
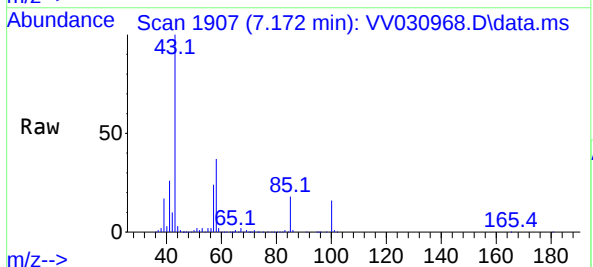
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

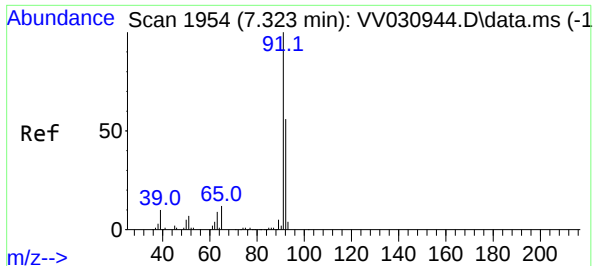
Tgt Ion: 75 Resp: 57148
Ion Ratio Lower Upper
75 100
77 32.2 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 62.681 ug/L
RT: 7.172 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 43 Resp: 245645
Ion Ratio Lower Upper
43 100
58 35.6 28.3 42.5
100 15.0 11.8 17.8

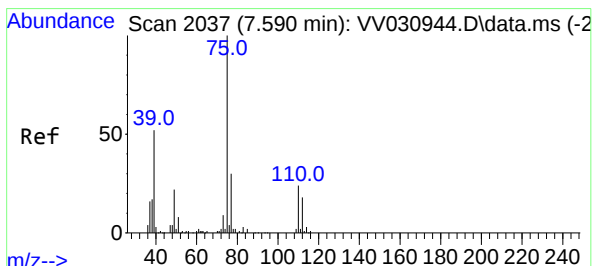
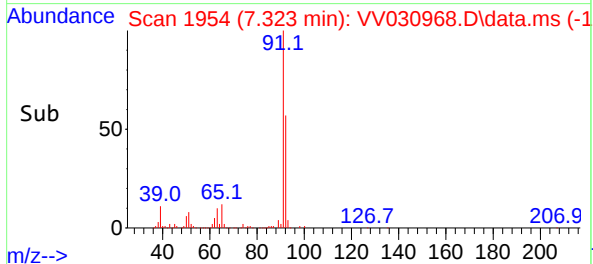
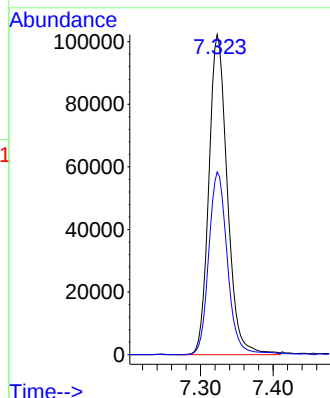
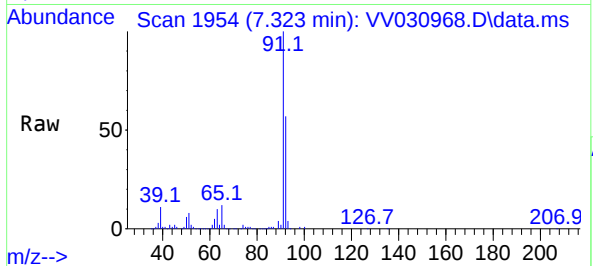




#42
Toluene
Concen: 5.274 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

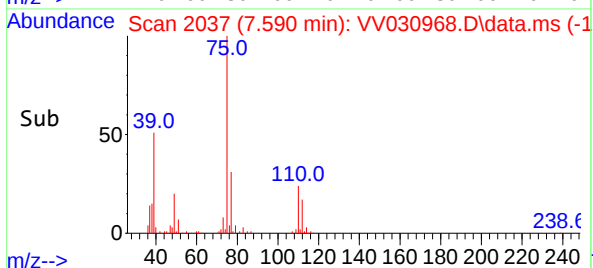
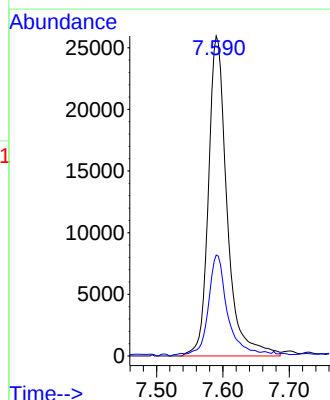
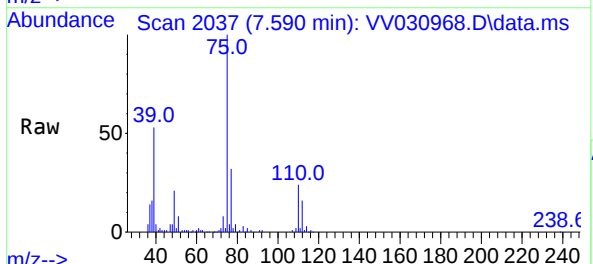
Instrument : MSVOA_V
ClientSampleId : VSTD005339

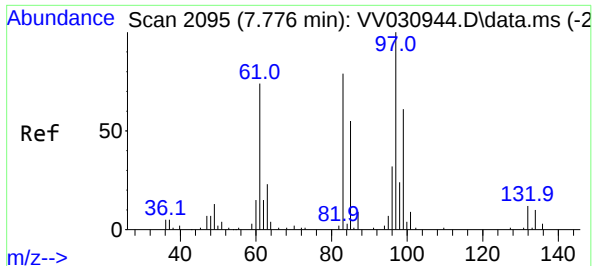
Tgt Ion: 91 Resp: 181073
Ion Ratio Lower Upper
91 100
92 57.1 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 5.245 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. -0.003 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 75 Resp: 50627
Ion Ratio Lower Upper
75 100
77 31.6 21.6 40.0



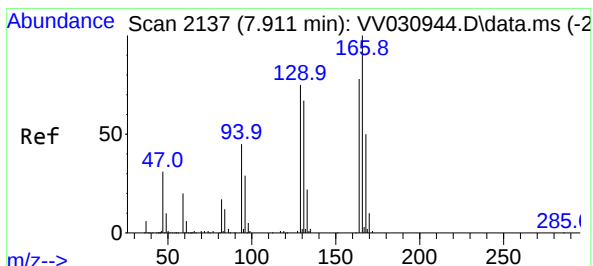
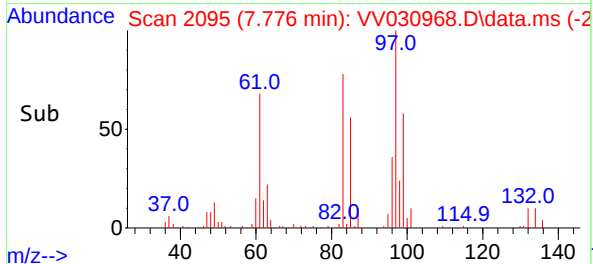
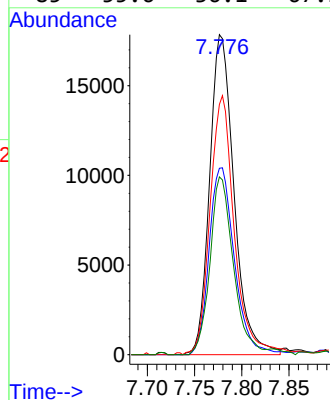
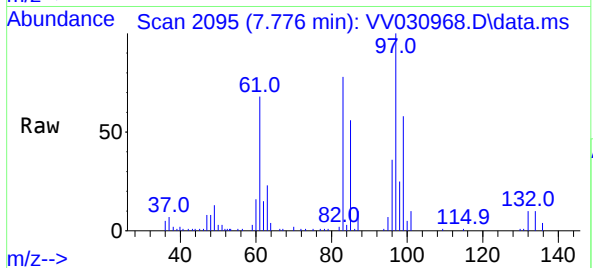


#45
1,1,2-Trichloroethane
Concen: 5.712 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.003 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

Tgt Ion: 97 Resp: 32057

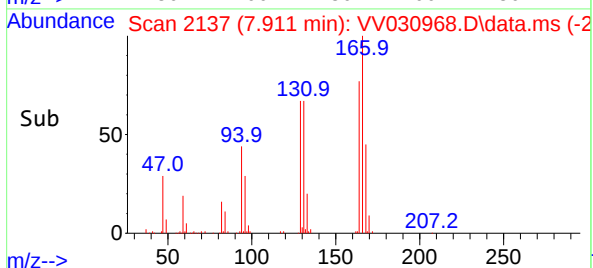
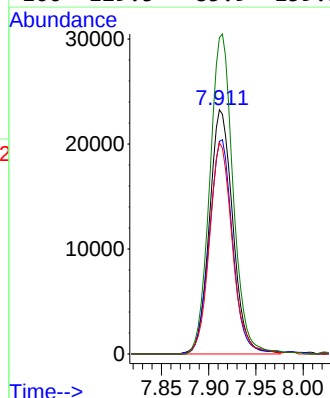
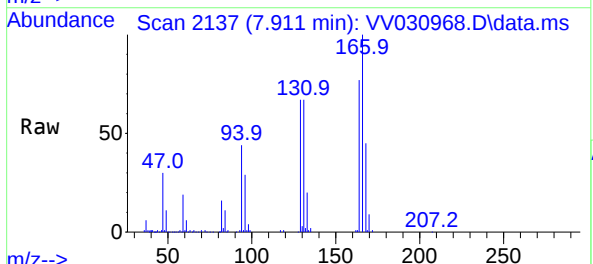
Ion	Ratio	Lower	Upper
97	100		
99	58.3	42.8	79.6
83	78.2	57.5	106.7
85	55.6	36.1	67.1

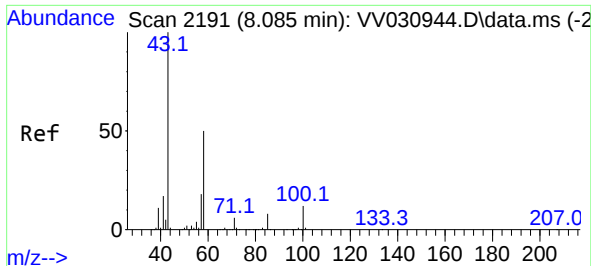


#47
Tetrachloroethene
Concen: 4.934 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 164 Resp: 40009

Ion	Ratio	Lower	Upper
164	100		
129	87.1	60.5	112.3
131	86.5	60.8	112.8
166	129.5	85.9	159.5



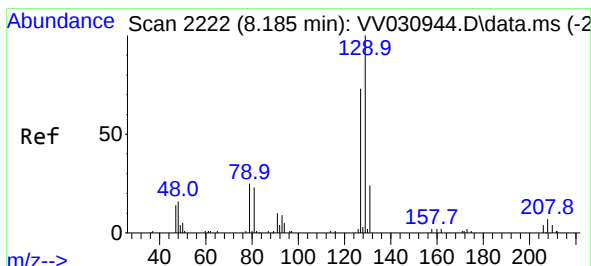
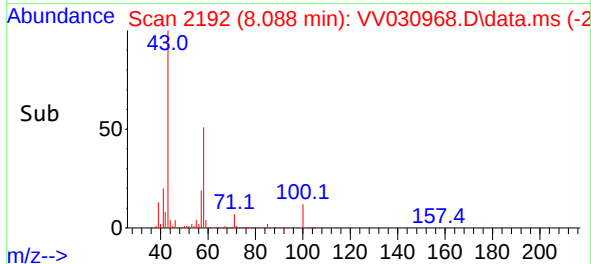
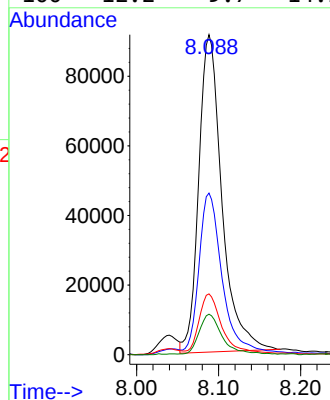
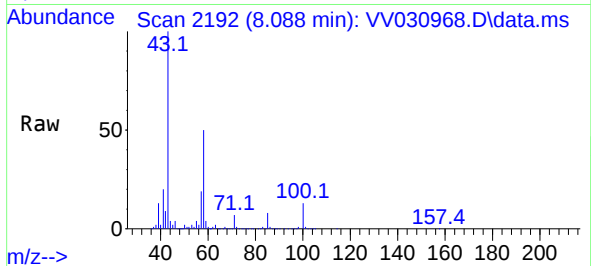


#48
2-Hexanone
Concen: 59.750 ug/L
RT: 8.088 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

Tgt Ion: 43 Resp: 179596

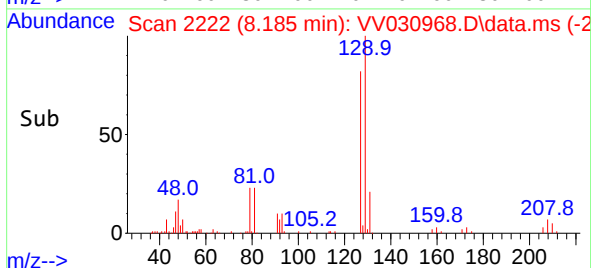
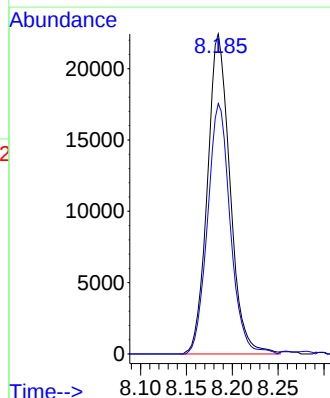
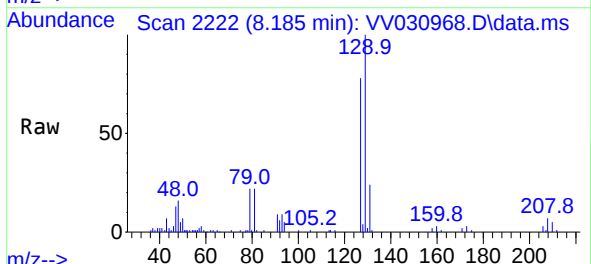
Ion	Ratio	Lower	Upper
43	100		
58	50.5	39.9	59.9
57	18.4	14.1	21.1
100	12.2	9.7	14.5

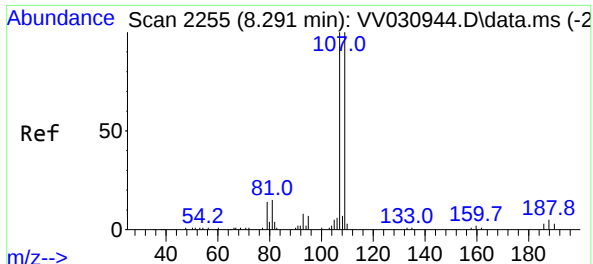


#49
Dibromochloromethane
Concen: 5.452 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 129 Resp: 38496

Ion	Ratio	Lower	Upper
129	100		
127	78.2	55.3	102.7



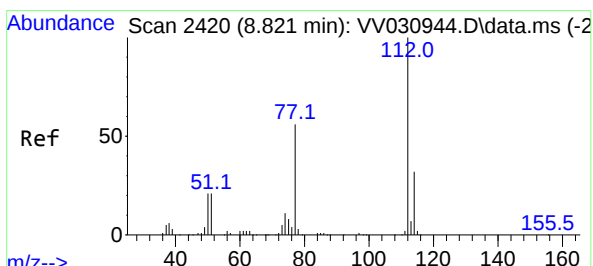
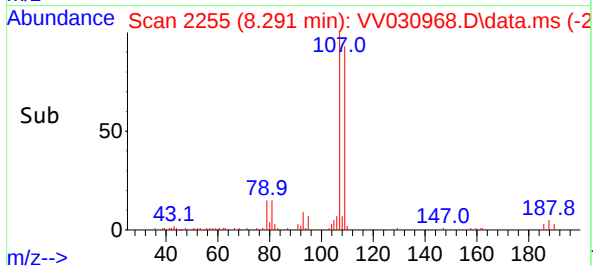
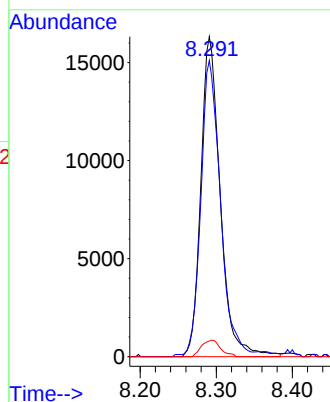
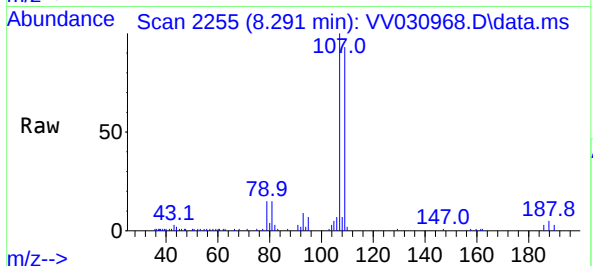


#50
1,2-Dibromoethane
Concen: 5.777 ug/L
RT: 8.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

Tgt Ion:107 Resp: 28915

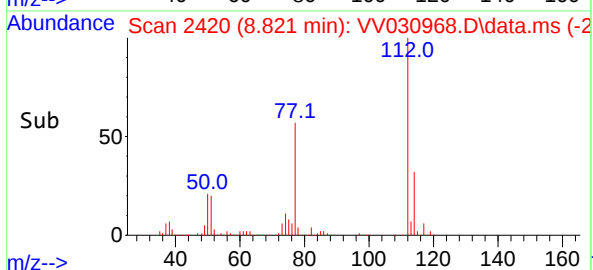
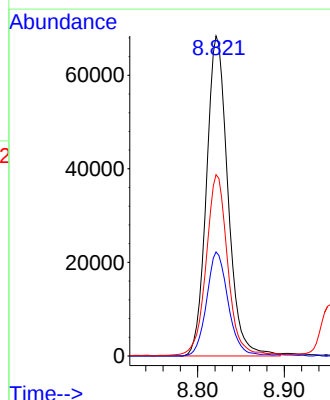
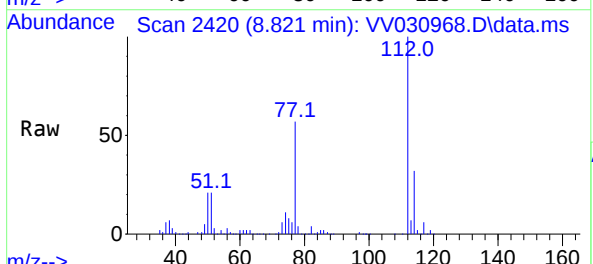
Ion	Ratio	Lower	Upper
107	100		
109	92.5	64.9	120.5
188	4.9	3.2	4.8#

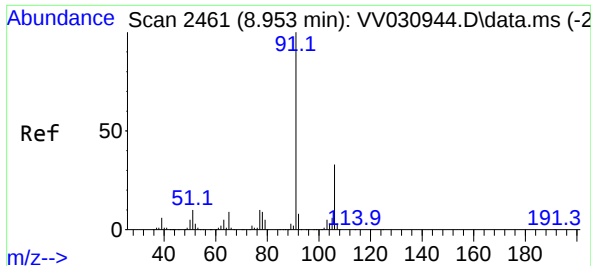


#51
Chlorobenzene
Concen: 5.059 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion:112 Resp: 117752

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.5	41.9
77	56.7	45.3	67.9





#52

Ethylbenzene

Concen: 5.050 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV030968.D

Acq: 01 May 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :

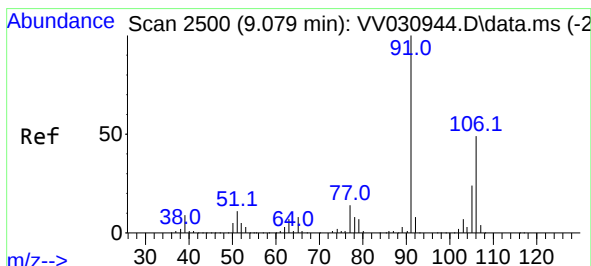
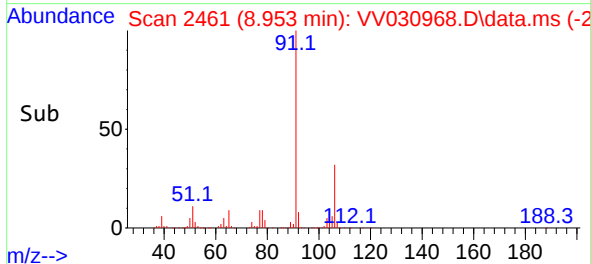
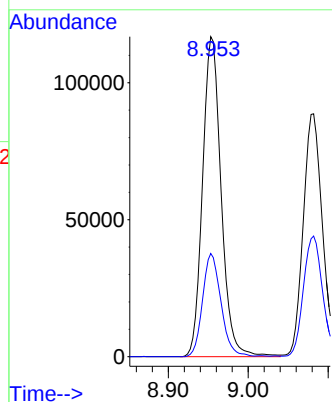
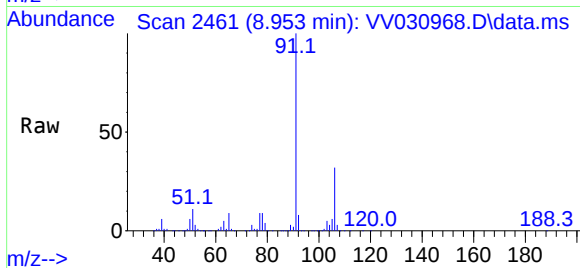
VSTD005339

Tgt Ion: 91 Resp: 189001

Ion Ratio Lower Upper

91 100

106 32.2 21.4 39.8



#53

m,p-Xylene

Concen: 4.922 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.003 min

Lab File: VV030968.D

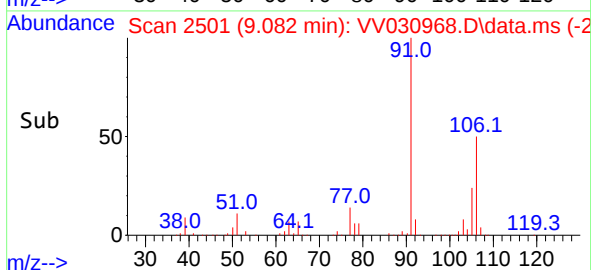
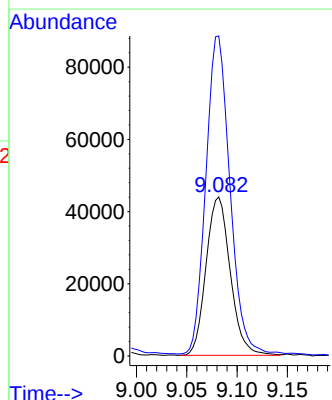
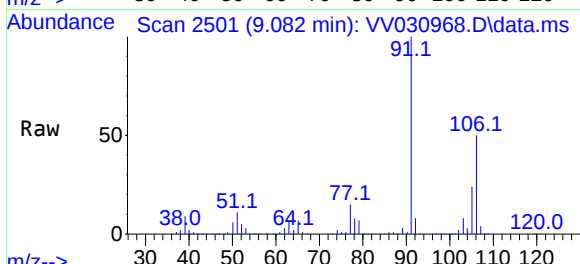
Acq: 01 May 2023 20:19

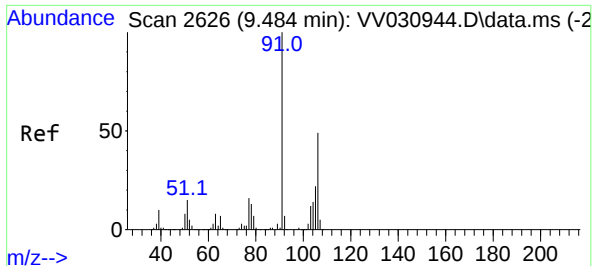
Tgt Ion: 106 Resp: 73523

Ion Ratio Lower Upper

106 100

91 201.3 138.7 257.5





#54

o-Xylene

Concen: 5.044 ug/L

RT: 9.487 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV030968.D

Acq: 01 May 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :

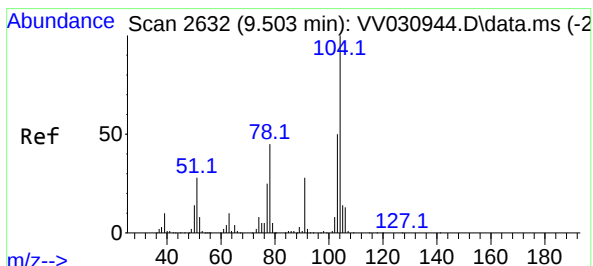
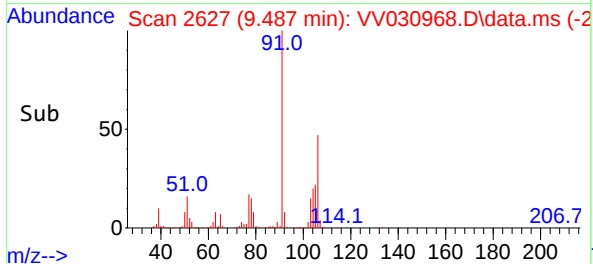
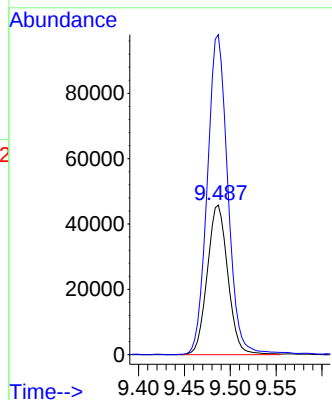
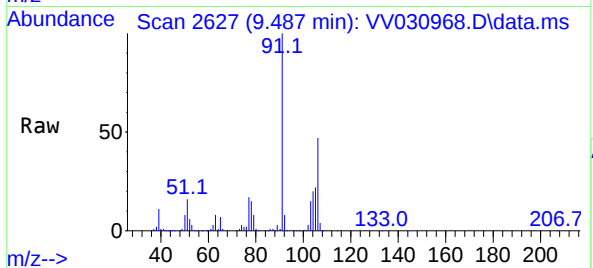
VSTD005339

Tgt Ion:106 Resp: 71695

Ion Ratio Lower Upper

106 100

91 213.9 145.1 269.5



#55

Styrene

Concen: 5.222 ug/L

RT: 9.503 min Scan# 2632

Delta R.T. -0.000 min

Lab File: VV030968.D

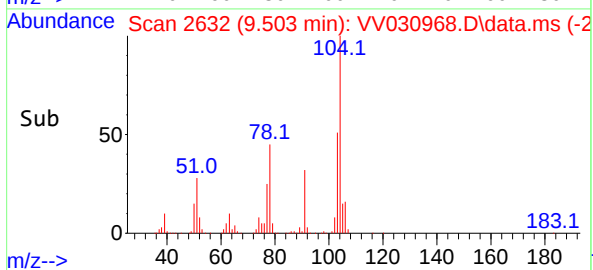
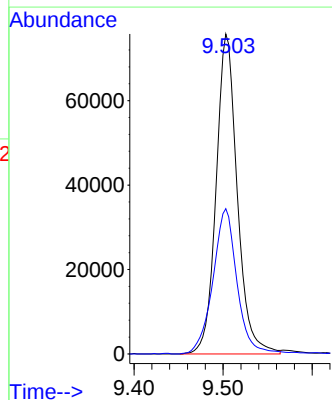
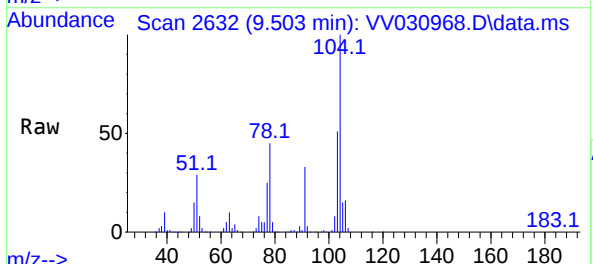
Acq: 01 May 2023 20:19

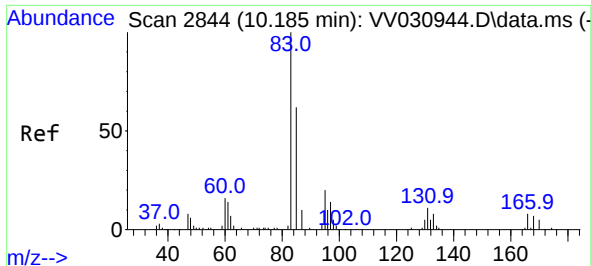
Tgt Ion:104 Resp: 125268

Ion Ratio Lower Upper

104 100

78 45.4 31.4 58.2

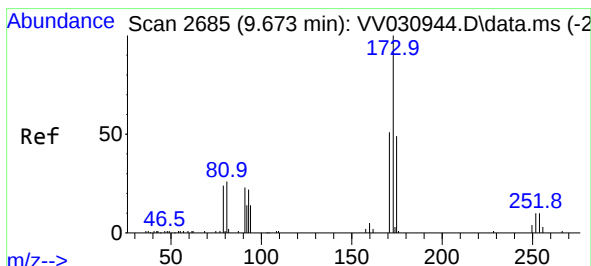
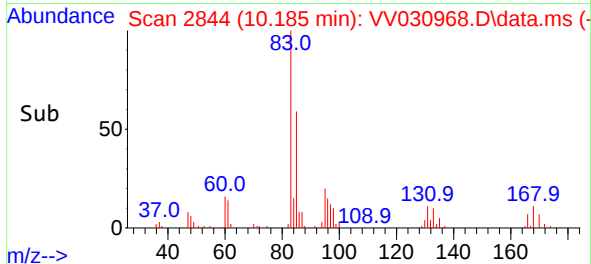
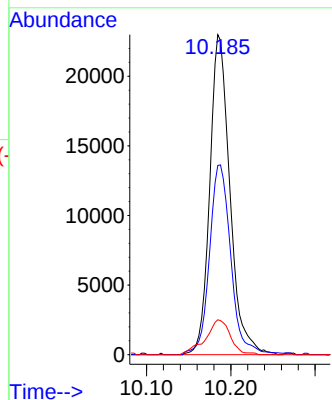
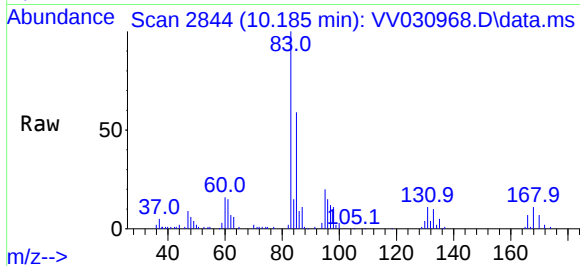




#57
1,1,2,2-Tetrachloroethane
Concen: 6.092 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

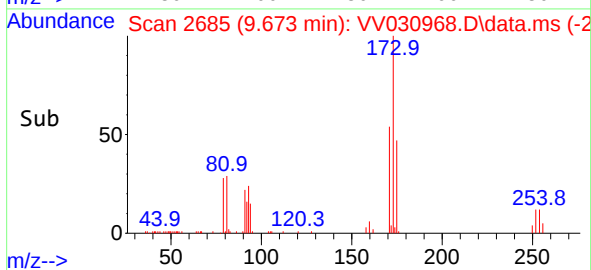
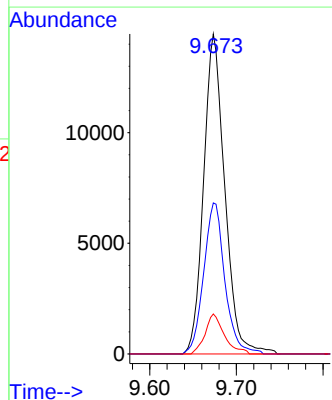
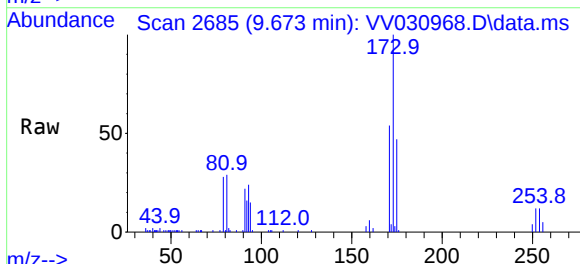
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

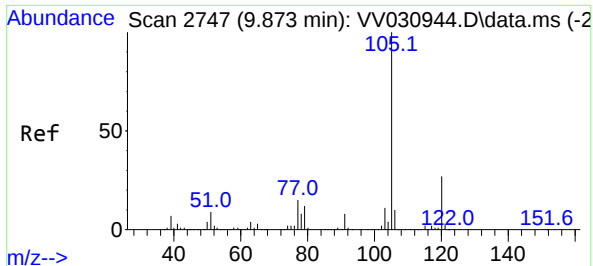
Tgt Ion:	83	Resp:	38216
Ion	Ratio	Lower	Upper
83	100		
85	59.2	45.2	84.0
131	10.9	8.3	12.5



#59
Bromoform
Concen: 5.516 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion:	173	Resp:	24565
Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.9	59.9
254	11.3	9.7	14.5

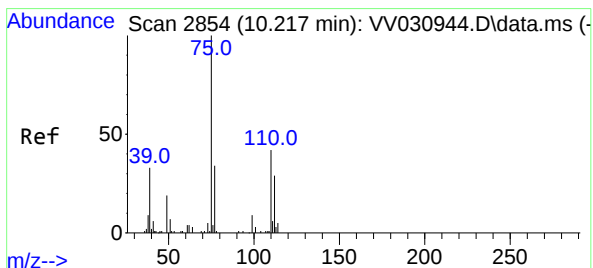
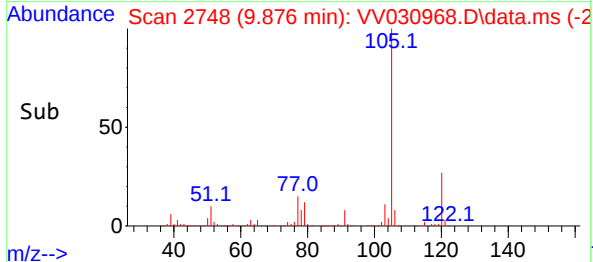
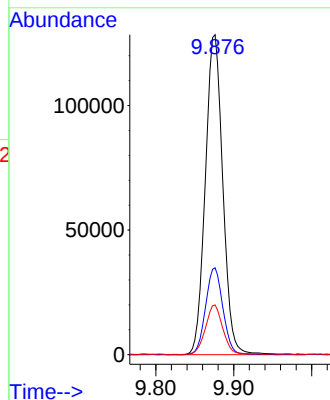
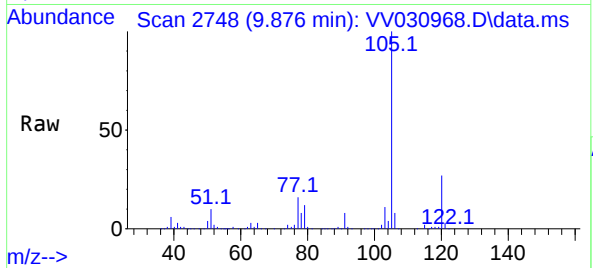




#60
Isopropylbenzene
Concen: 4.914 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

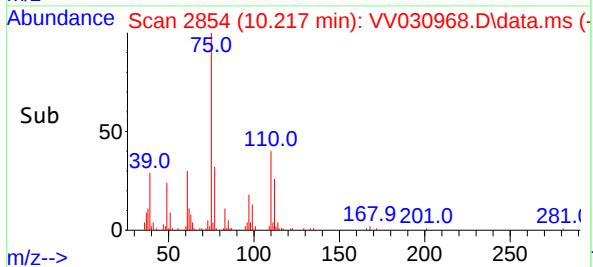
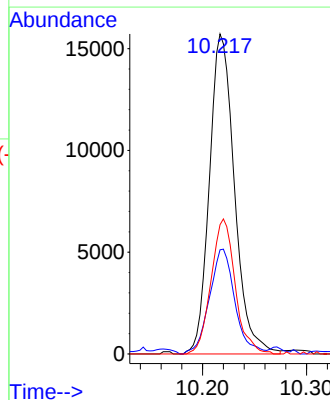
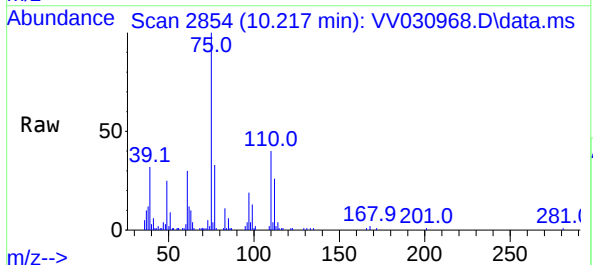
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

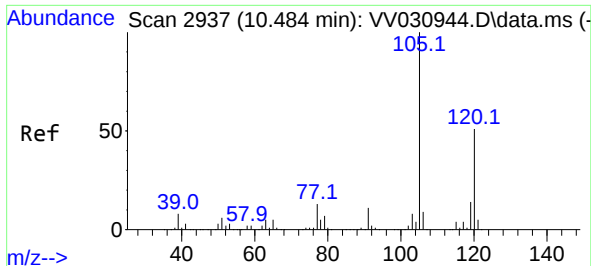
Tgt Ion:105 Resp: 200441
Ion Ratio Lower Upper
105 100
120 26.9 22.2 33.4
77 15.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.541 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 75 Resp: 26333
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9
110 40.6 34.0 51.0

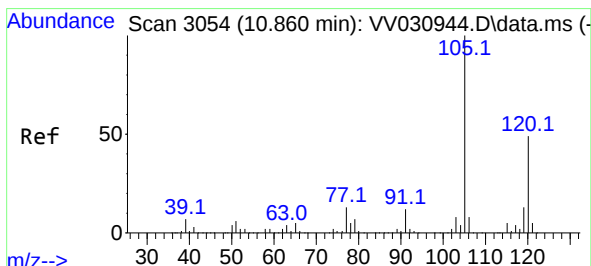
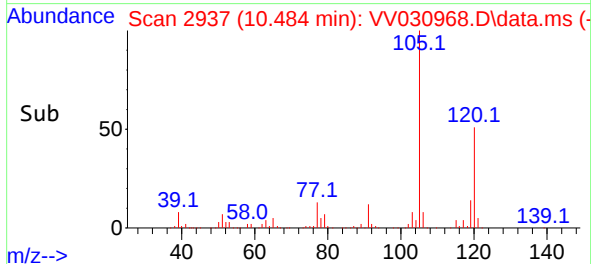
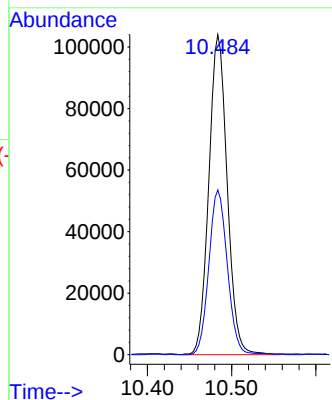
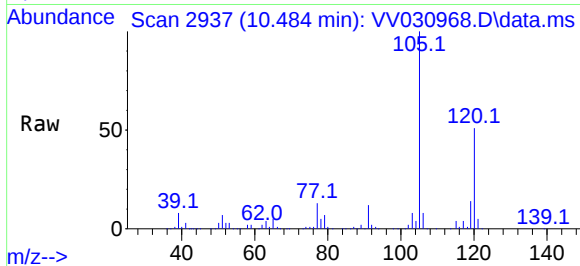




#62
1,3,5-Trimethylbenzene
Concen: 4.749 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

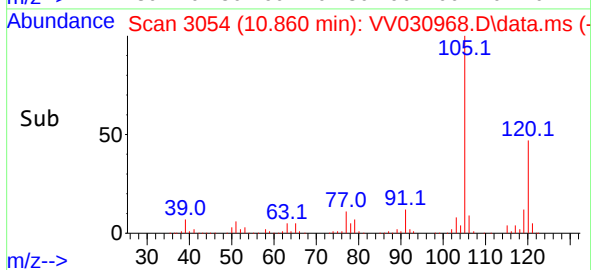
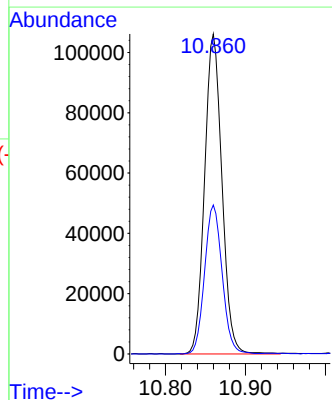
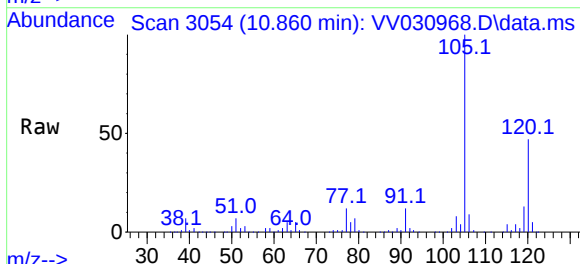
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

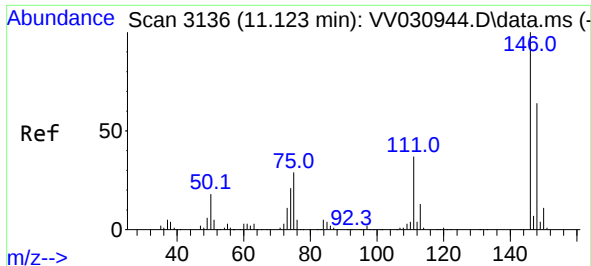
Tgt Ion:105 Resp: 157704
Ion Ratio Lower Upper
105 100
120 51.9 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 4.769 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion:105 Resp: 160449
Ion Ratio Lower Upper
105 100
120 47.1 37.9 56.9

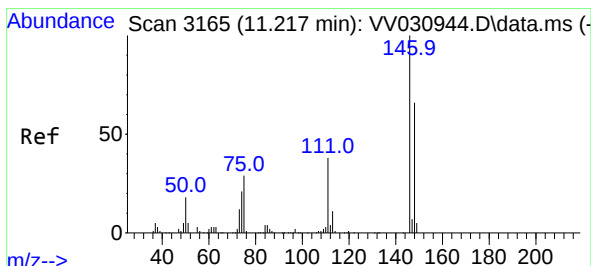
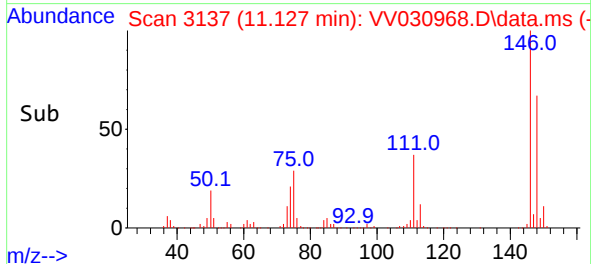
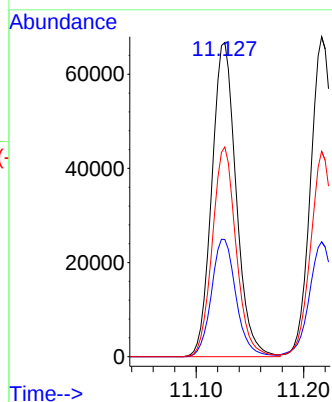
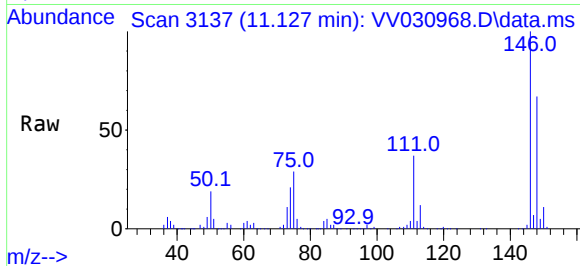




#64
1,3-Dichlorobenzene
Concen: 5.004 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

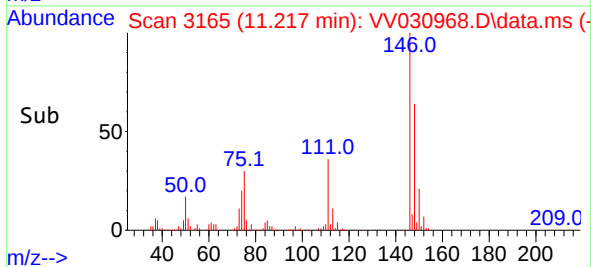
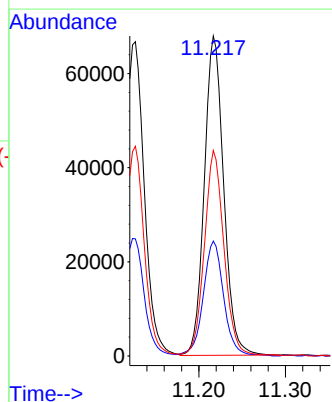
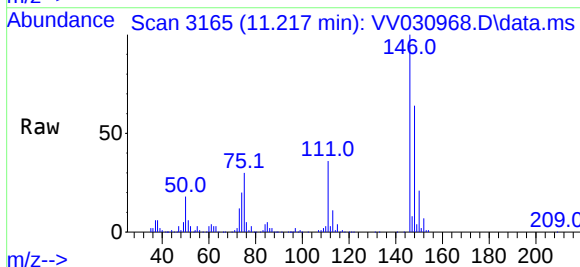
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

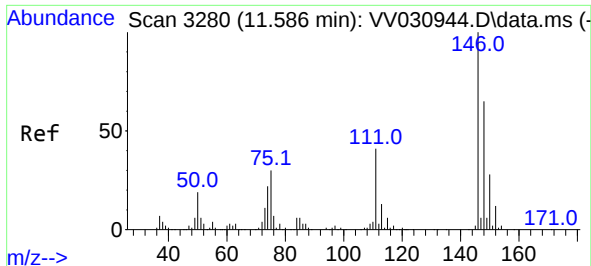
Tgt Ion:146 Resp: 104830
Ion Ratio Lower Upper
146 100
111 37.3 26.5 49.3
148 66.7 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.996 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion:146 Resp: 105580
Ion Ratio Lower Upper
146 100
111 35.9 23.9 44.5
148 64.2 42.8 79.6

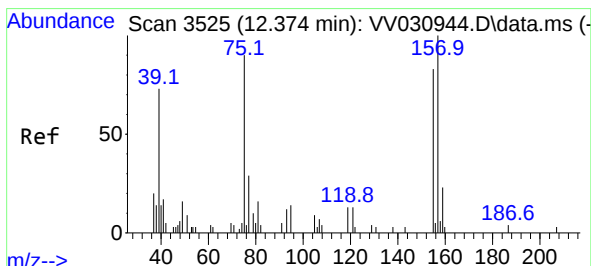
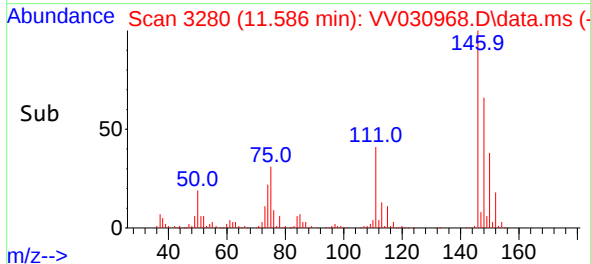
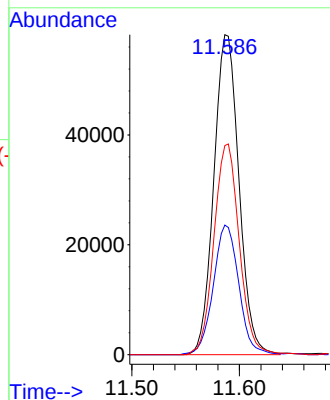
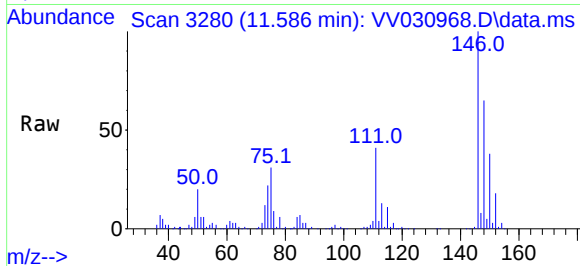




#67
1,2-Dichlorobenzene
Concen: 5.022 ug/L
RT: 11.586 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

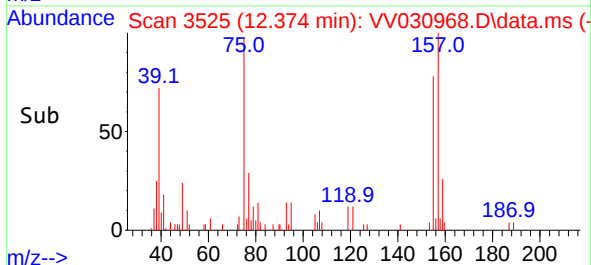
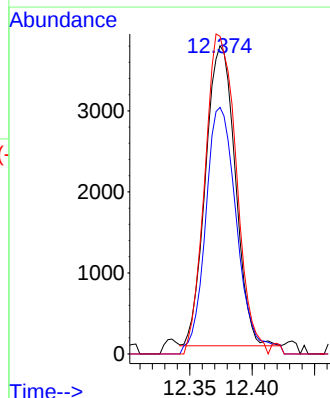
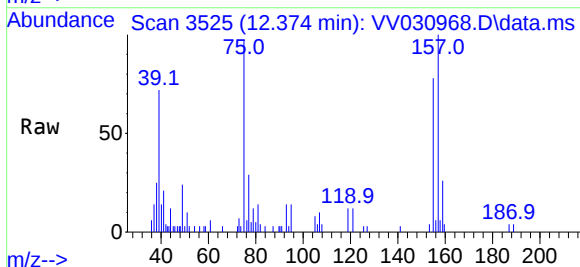
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

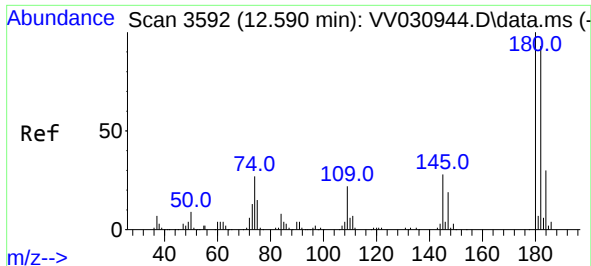
Tgt Ion:146 Resp: 94591
Ion Ratio Lower Upper
146 100
111 40.5 34.0 51.0
148 65.3 53.8 80.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.092 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion: 75 Resp: 6143
Ion Ratio Lower Upper
75 100
155 80.0 56.2 84.4
157 103.0 83.1 124.7



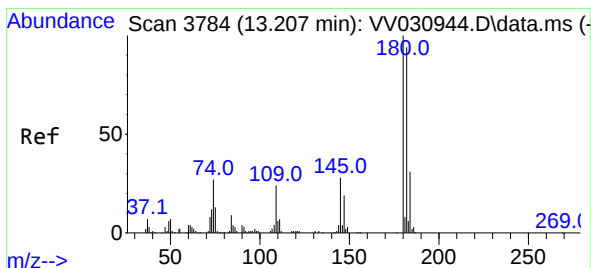
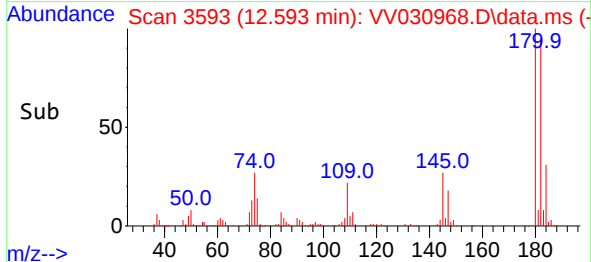
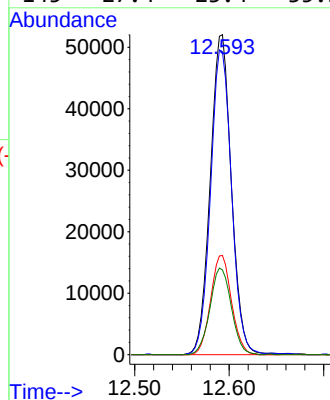
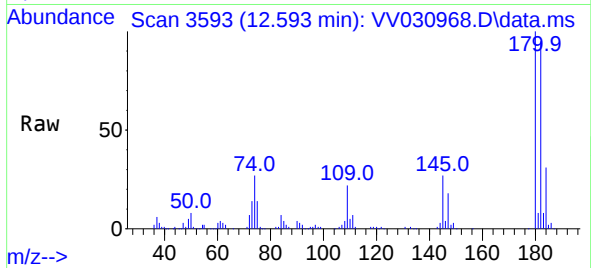


#69
1,3,5-Trichlorobenzene
Concen: 4.860 ug/L
RT: 12.593 min Scan# 3592
Delta R.T. 0.003 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

Tgt Ion:180 Resp: 80621

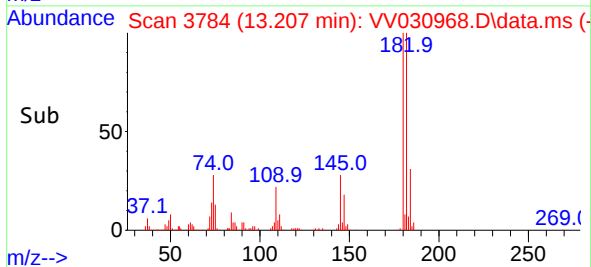
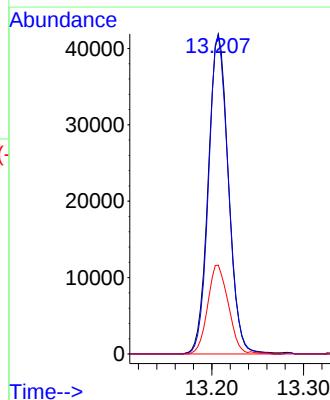
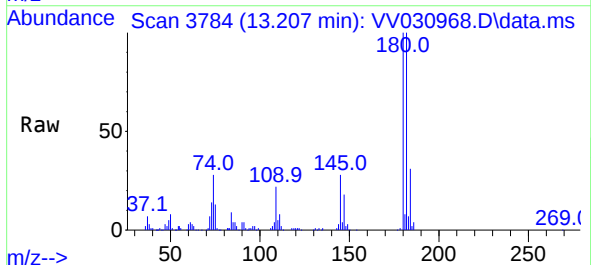
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.1	112.7
184	30.7	24.1	36.1
145	27.4	23.4	35.2

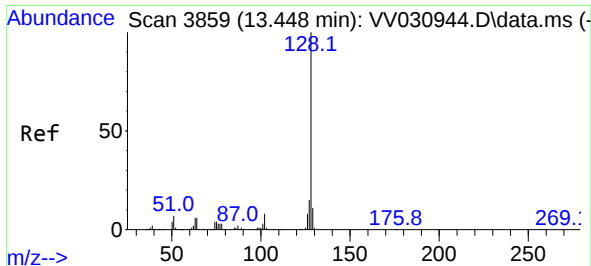


#70
1,2,4-trichlorobenzene
Concen: 5.034 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion:180 Resp: 64171

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.0	114.0
145	28.4	22.9	34.3

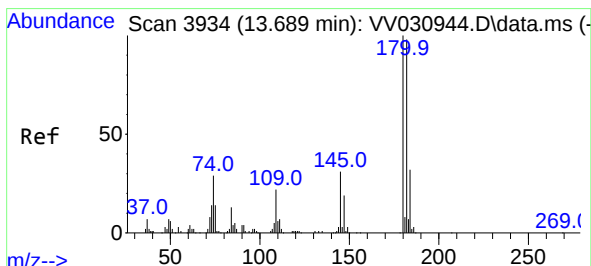
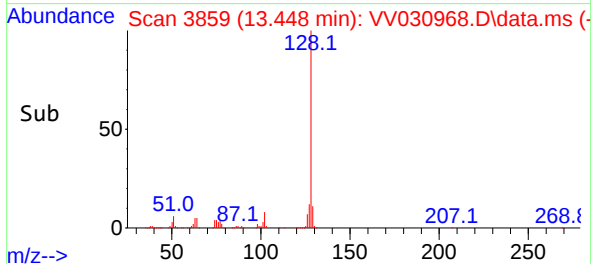
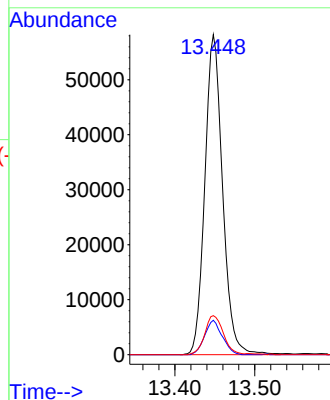
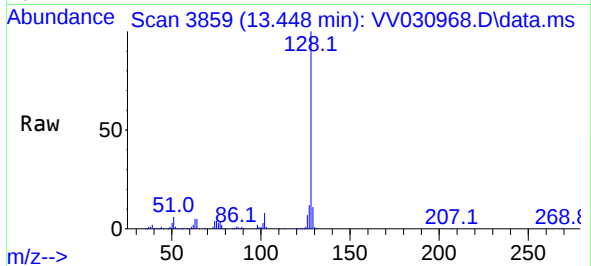




#71
Naphthalene
Concen: 4.923 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.003 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

Tgt Ion:	128	Resp:	89973
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.6	13.0
127	12.8	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.379 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030968.D
Acq: 01 May 2023 20:19

Tgt Ion:	180	Resp:	58041
Ion Ratio	Lower	Upper	
180	100		
182	94.0	77.3	115.9
145	29.1	24.7	37.1

