

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110222\
 Data File : VW028844.D
 Acq On : 02 Nov 2022 16:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050369

Quant Time: Nov 03 03:31:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	403184	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	377604	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	190354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143490	37.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.080%
7) Chloroethane-d5	1.561	69	134686	41.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.440%
11) 1,1-Dichloroethene-d2	2.104	63	316835	43.578	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.160%
21) 2-Butanone-d5	3.866	46	269986	97.039	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.040%
24) Chloroform-d	4.339	84	265229	46.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.020%
26) 1,2-Dichloroethane-d4	5.021	65	175425	46.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.020%
32) Benzene-d6	5.040	84	509203	43.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.063	67	183283	45.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.580%
41) Toluene-d8	7.307	98	442380	42.689	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.380%
43) trans-1,3-Dichloroprop...	7.615	79	67720	43.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.140%
47) 2-Hexanone-d5	8.082	63	172956	94.570	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.570%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	254339	47.660	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.320%
66) 1,2-Dichlorobenzene-d4	11.615	152	165257	43.982	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	146699	49.475	ug/L	98
3) Chloromethane	1.240	50	245301	49.708	ug/L	100
5) Vinyl chloride	1.310	62	231837	51.145	ug/L	97
6) Bromomethane	1.516	94	124963	49.963	ug/L	100
8) Chloroethane	1.577	64	149286	51.287	ug/L	99
9) Trichlorofluoromethane	1.748	101	279889	51.921	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	162555	53.223	ug/L	99
12) 1,1-Dichloroethene	2.114	96	152291	50.643	ug/L	89
13) Acetone	2.159	43	310790	115.371	ug/L	100
14) Carbon disulfide	2.288	76	389656	46.454	ug/L	99
15) Methyl Acetate	2.423	43	224179	49.584	ug/L	99
16) Methylene chloride	2.500	84	175208	48.020	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	144134	49.552	ug/L	98
18) Methyl tert-butyl Ether	2.760	73	500061	49.767	ug/L	99
19) 1,1-Dichloroethane	3.182	63	323391	51.026	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	160840	50.115	ug/L	100
22) 2-Butanone	3.950	43	336495	101.679	ug/L	99
23) Bromochloromethane	4.236	128	75505	49.429	ug/L	97
25) Chloroform	4.365	83	297272	50.493	ug/L	99

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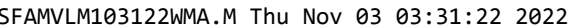
Instrument :
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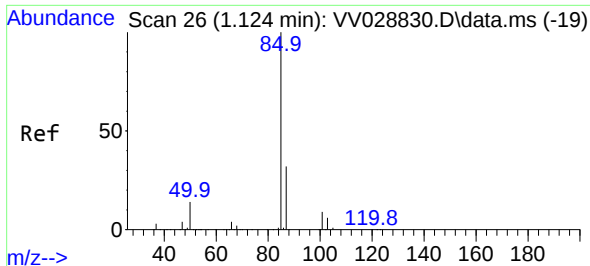
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 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	247745	51.528	ug/L	99
29) Cyclohexane	4.667	56	304188	50.486	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	237883	49.979	ug/L	99
31) Carbon tetrachloride	4.818	117	188902	49.674	ug/L	100
33) Benzene	5.091	78	679316	51.100	ug/L	100
34) Trichloroethene	5.905	95	156729	50.415	ug/L	97
35) Methylcyclohexane	6.124	83	285659	51.808	ug/L	100
37) 1,2-Dichloropropane	6.165	63	190265	51.729	ug/L	100
38) Bromodichloromethane	6.500	83	212596	50.878	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	248189	49.409	ug/L	99
40) 4-Methyl-2-pentanone	7.217	43	607595	99.328	ug/L	100
42) Toluene	7.381	91	694592	51.245	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	239703	51.604	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	160150	50.753	ug/L	98
46) Tetrachloroethene	7.969	164	108920	50.552	ug/L	99
48) 2-Hexanone	8.133	43	479971	103.025	ug/L	99
49) Dibromochloromethane	8.239	129	146699	50.222	ug/L	98
50) 1,2-Dibromoethane	8.345	107	157288	49.471	ug/L	99
51) Chlorobenzene	8.873	112	417235	50.270	ug/L	98
52) Ethylbenzene	9.005	91	758638	52.028	ug/L	100
53) m,p-Xylene	9.130	106	278152	52.302	ug/L	99
54) o-Xylene	9.535	106	272835	51.387	ug/L	99
55) Styrene	9.551	104	483031	53.051	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	283692	50.938	ug/L	100
59) Bromoform	9.722	173	92625	49.020	ug/L	98
60) Isopropylbenzene	9.924	105	740611	51.204	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	219900	48.618	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	614650	50.902	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	608179	50.628	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	302907	49.644	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	307759	49.503	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	309910	49.928	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.419	75	50423	43.758	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	215382	49.225	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	183545	49.019	ug/L	98
71) Naphthalene	13.490	128	535128	43.895	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	185325	48.899	ug/L	99

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

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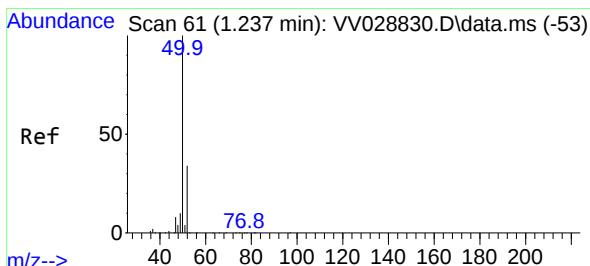
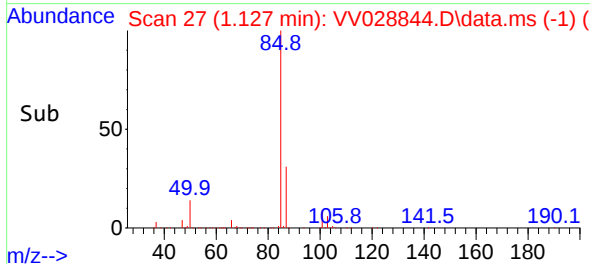
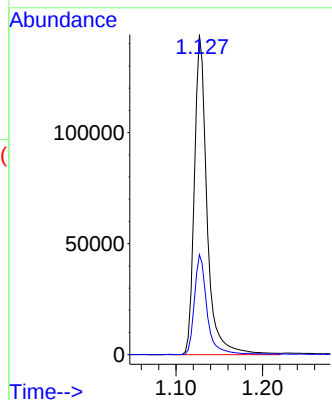
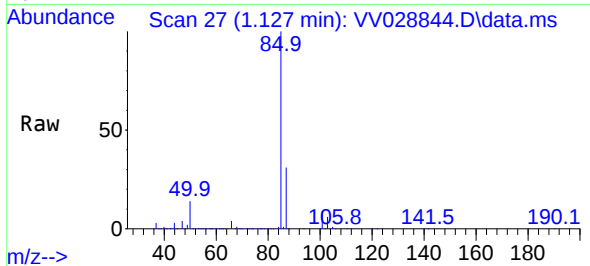




#2
 Dichlorodifluoromethane
 Concen: 49.475 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028844.D
 Acq: 02 Nov 2022 16:28

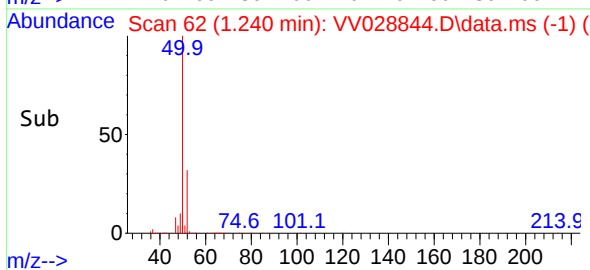
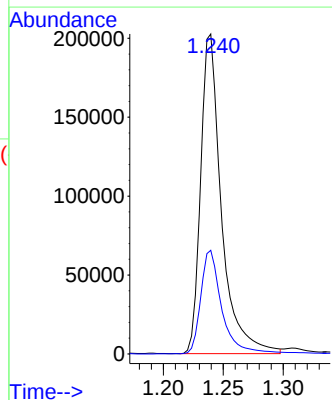
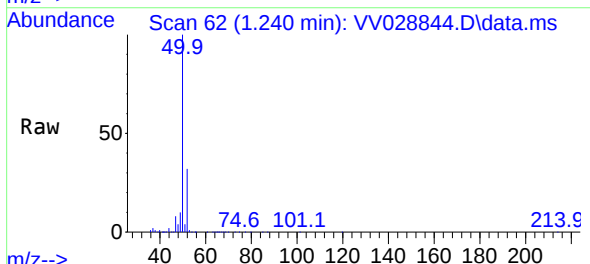
Instrument :
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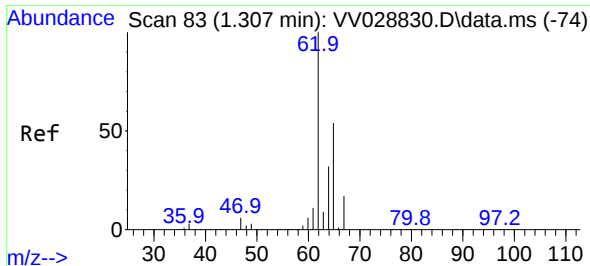
Tgt Ion: 85 Resp: 146699
 Ion Ratio Lower Upper
 85 100
 87 30.6 25.4 38.0



#3
 Chloromethane
 Concen: 49.708 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV028844.D
 Acq: 02 Nov 2022 16:28

Tgt Ion: 50 Resp: 245301
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.1

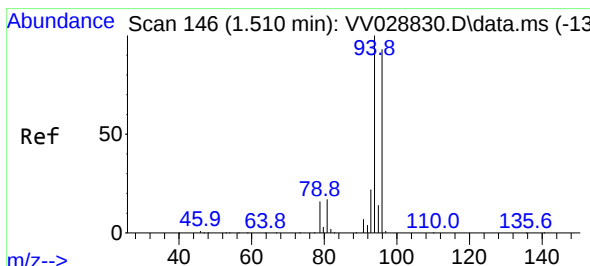
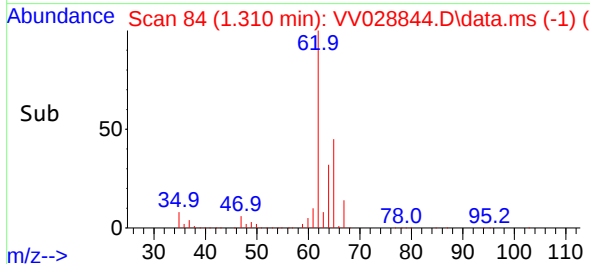
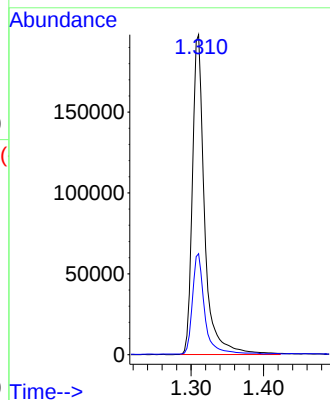
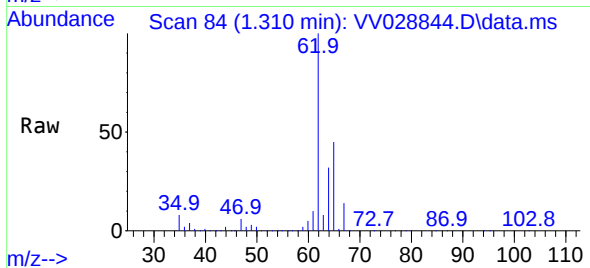




#5
 Vinyl chloride
 Concen: 51.145 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028844.D
 Acq: 02 Nov 2022 16:28

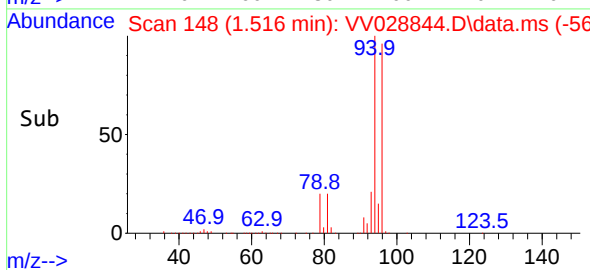
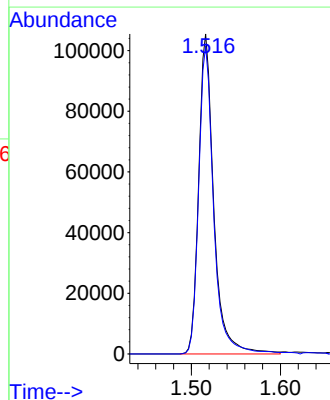
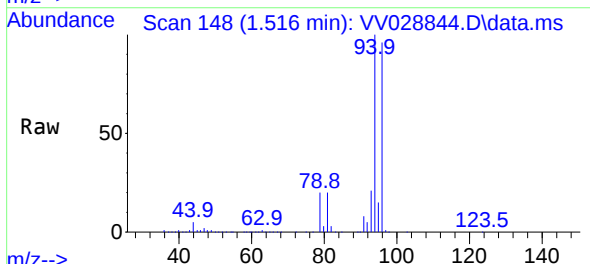
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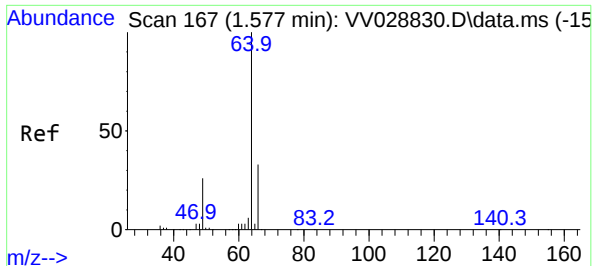
Tgt Ion: 62 Resp: 231837
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.2 43.0



#6
 Bromomethane
 Concen: 49.963 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV028844.D
 Acq: 02 Nov 2022 16:28

Tgt Ion: 94 Resp: 124963
 Ion Ratio Lower Upper
 94 100
 96 96.3 67.6 125.6

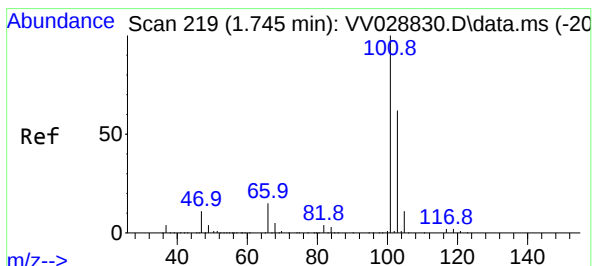
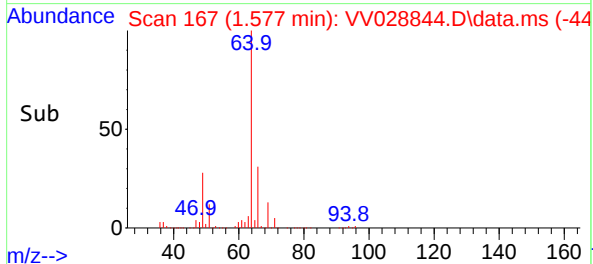
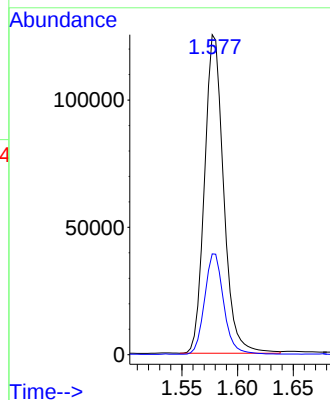
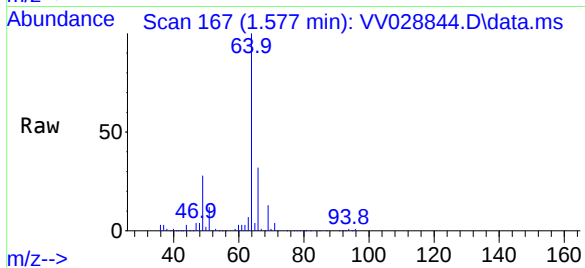




#8
Chloroethane
Concen: 51.287 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

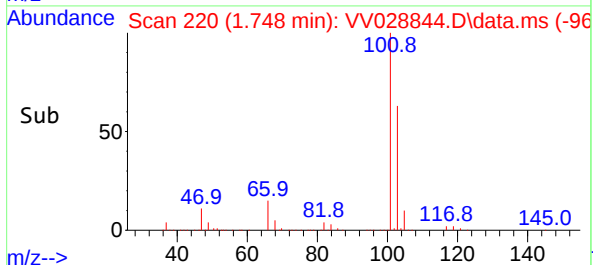
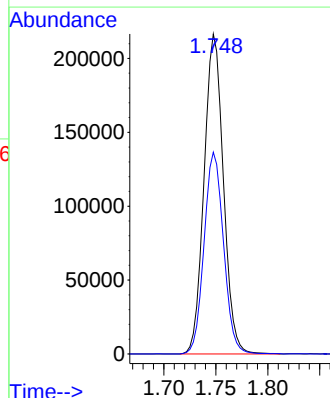
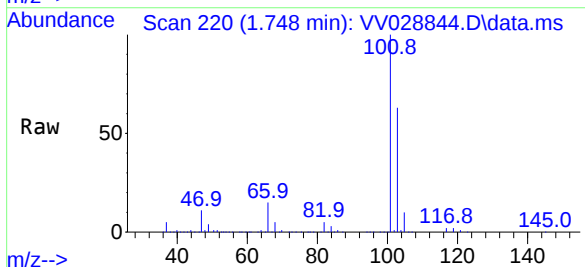
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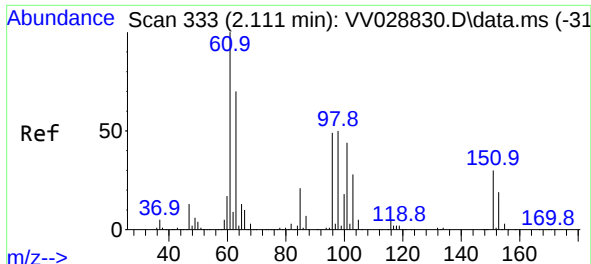
Tgt Ion: 64 Resp: 149286
Ion Ratio Lower Upper
64 100
66 31.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 51.921 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion:101 Resp: 279889
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4

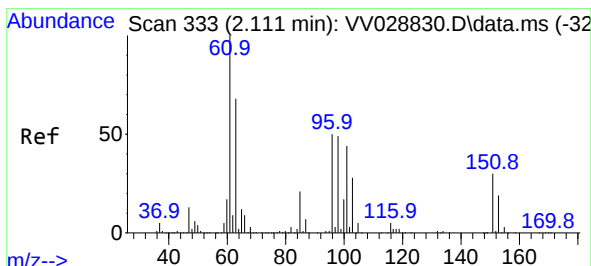
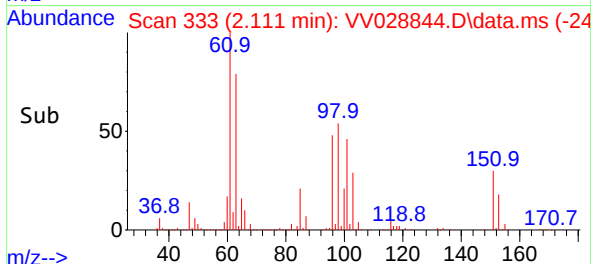
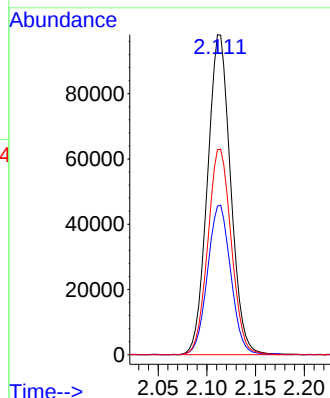
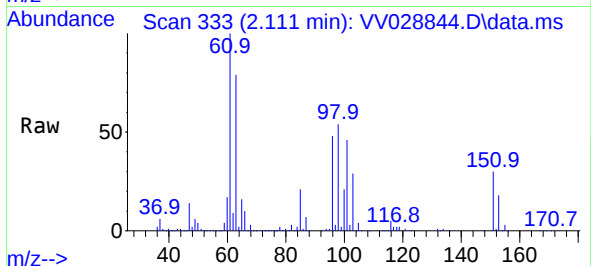




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.223 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

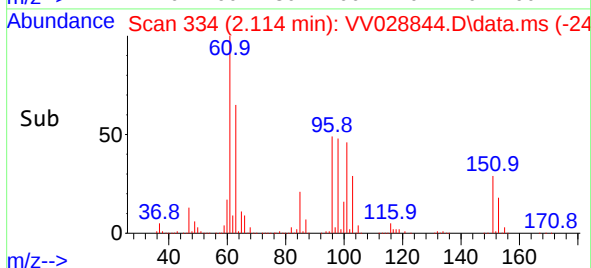
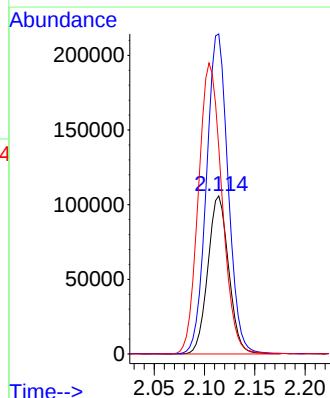
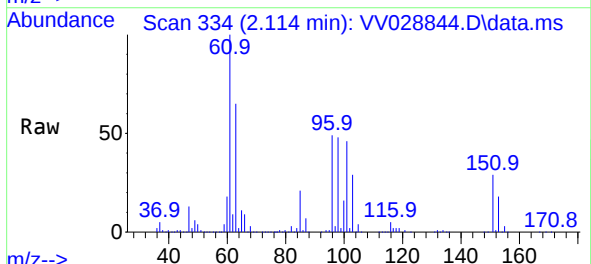
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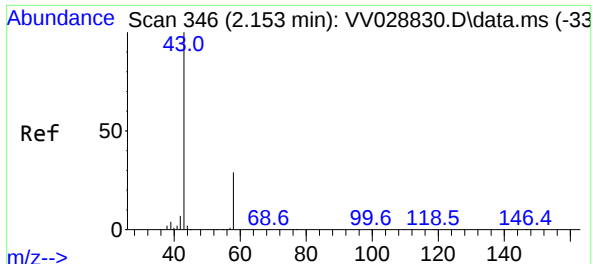
Tgt Ion:101 Resp: 162555
Ion Ratio Lower Upper
101 100
85 46.8 38.0 57.0
151 65.1 52.7 79.1



#12
1,1-Dichloroethene
Concen: 50.643 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 96 Resp: 152291
Ion Ratio Lower Upper
96 100
61 202.3 142.7 265.1
63 130.7 112.5 208.9

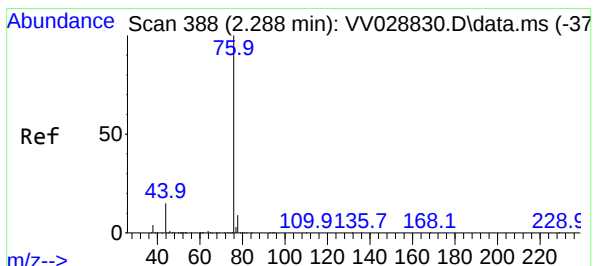
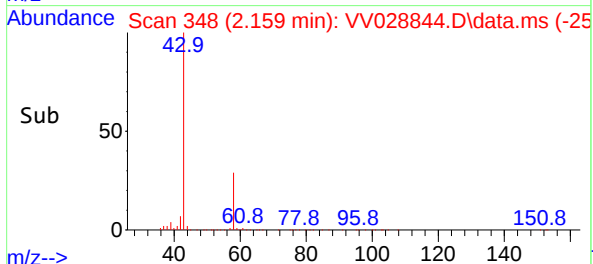
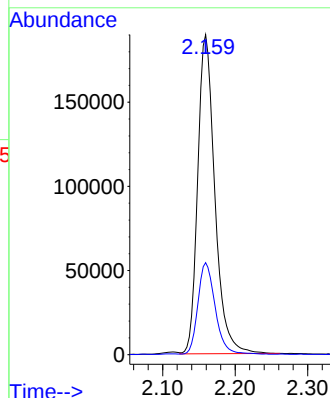
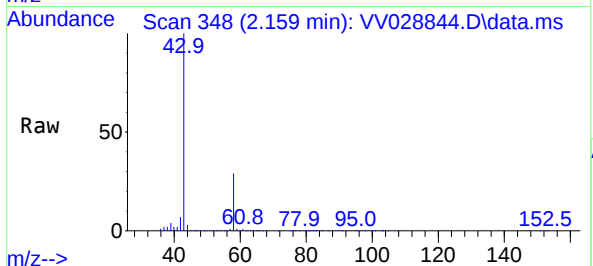




#13
Acetone
Concen: 115.371 ug/L
RT: 2.159 min Scan# 346
Delta R.T. -0.007 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

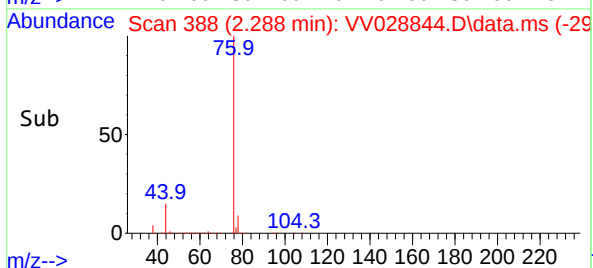
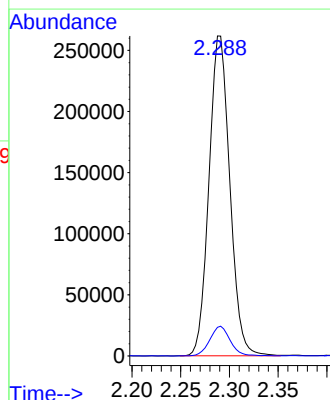
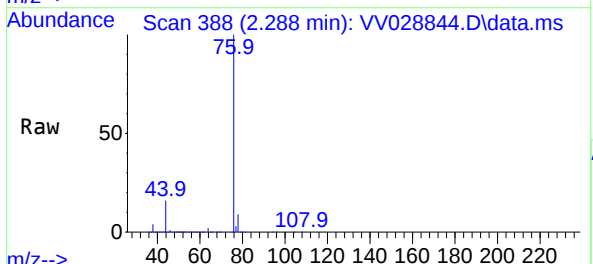
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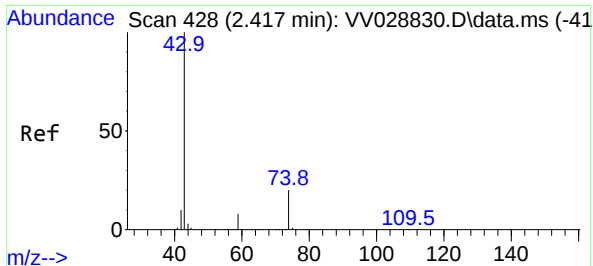
Tgt Ion: 43 Resp: 310790
Ion Ratio Lower Upper
43 100
58 29.3 0.0 59.0



#14
Carbon disulfide
Concen: 46.454 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 76 Resp: 389656
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

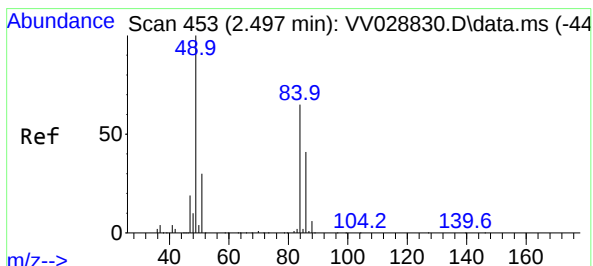
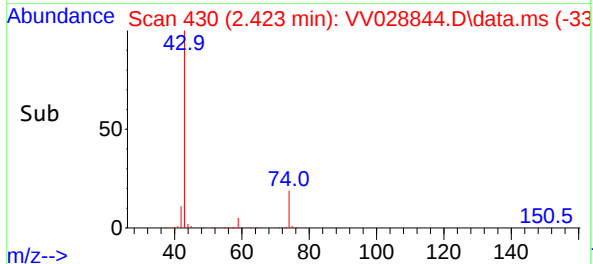
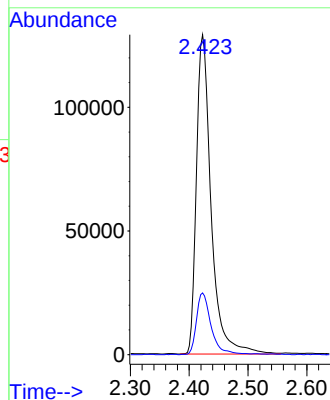
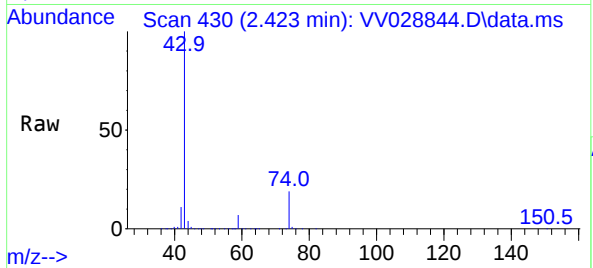




#15
Methyl Acetate
Concen: 49.584 ug/L
RT: 2.423 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

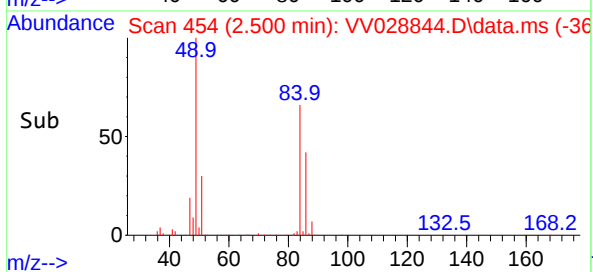
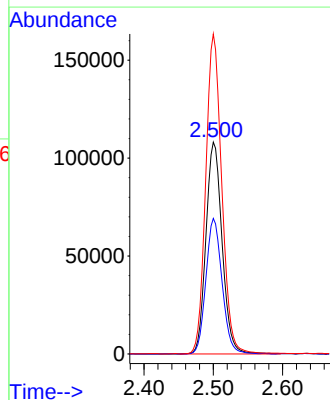
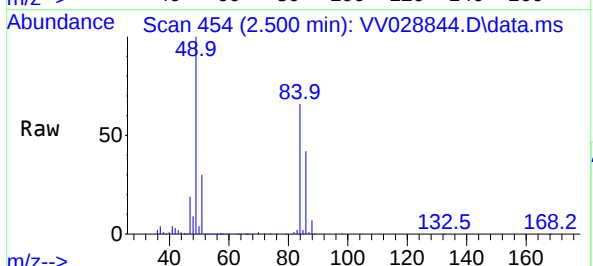
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

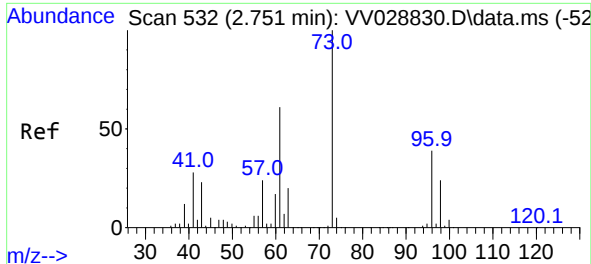
Tgt Ion: 43 Resp: 224179
Ion Ratio Lower Upper
43 100
74 18.9 15.6 23.4



#16
Methylene chloride
Concen: 48.020 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 84 Resp: 175208
Ion Ratio Lower Upper
84 100
86 64.0 43.7 81.1
49 151.0 105.3 195.5

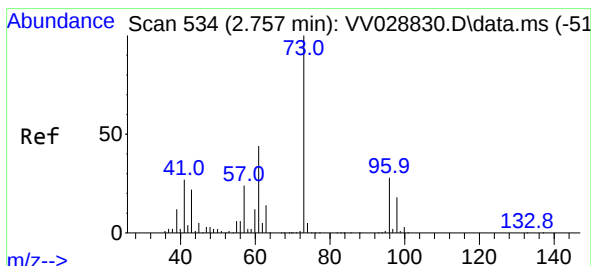
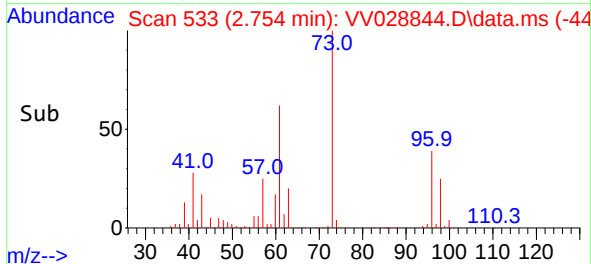
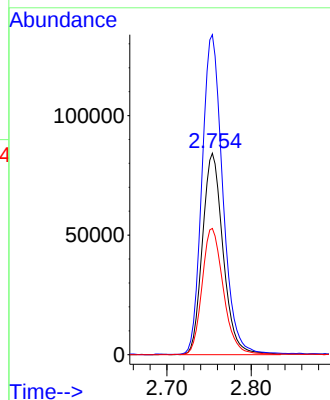
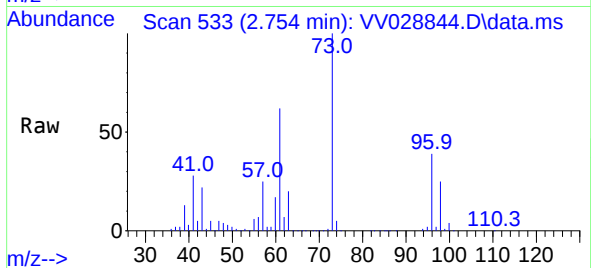




#17
trans-1,2-Dichloroethene
Concen: 49.552 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

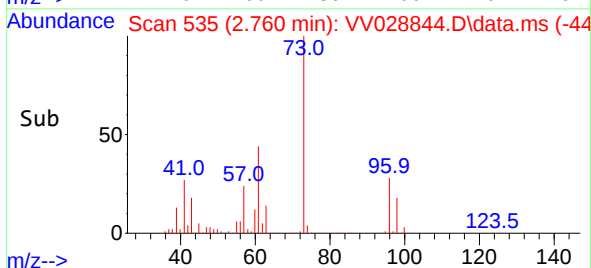
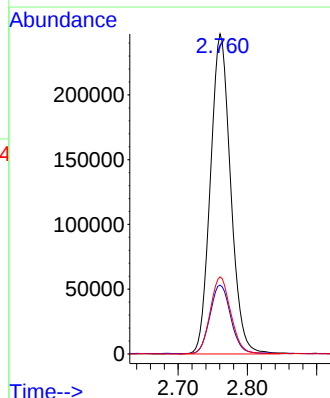
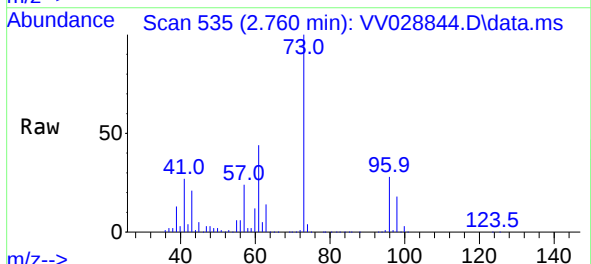
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

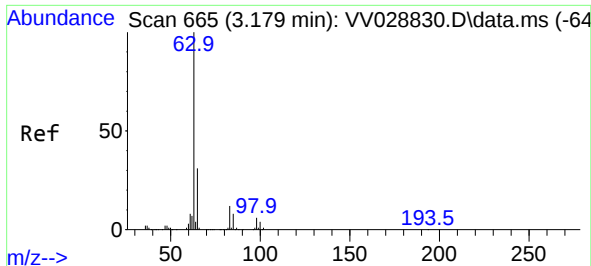
Tgt Ion: 96 Resp: 144134
Ion Ratio Lower Upper
96 100
61 158.9 109.4 203.2
98 62.7 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 49.767 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 73 Resp: 500061
Ion Ratio Lower Upper
73 100
43 21.8 17.1 25.7
57 24.5 19.3 28.9

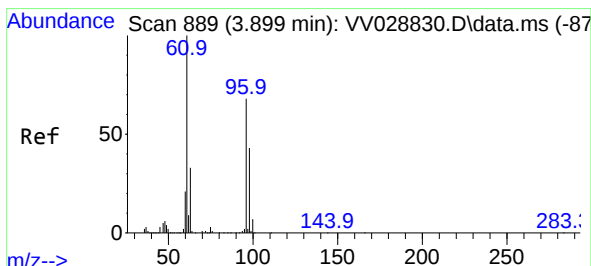
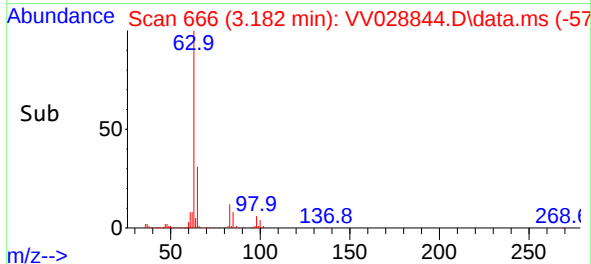
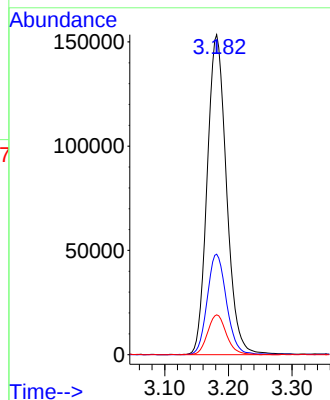
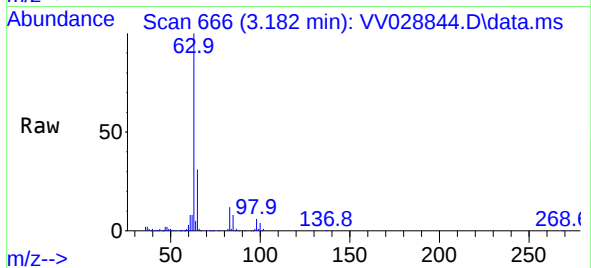




#19
1,1-Dichloroethane
Concen: 51.026 ug/L
RT: 3.182 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

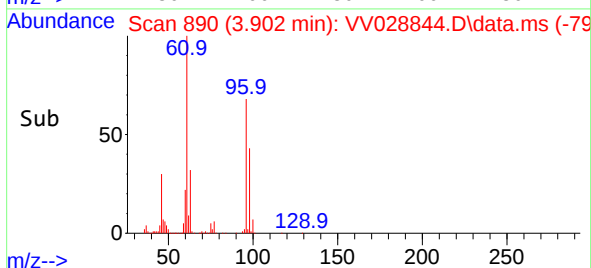
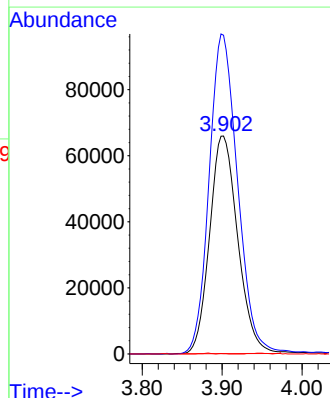
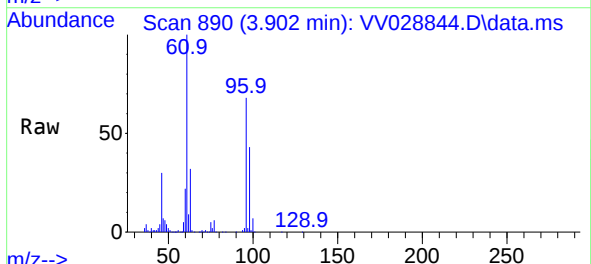
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

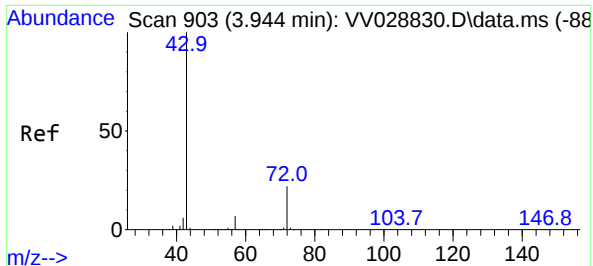
Tgt Ion: 63 Resp: 323391
Ion Ratio Lower Upper
63 100
65 31.4 22.5 41.9
83 12.4 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 50.115 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 96 Resp: 160840
Ion Ratio Lower Upper
96 100
61 146.3 102.3 190.1
68 0.2 0.1 0.3

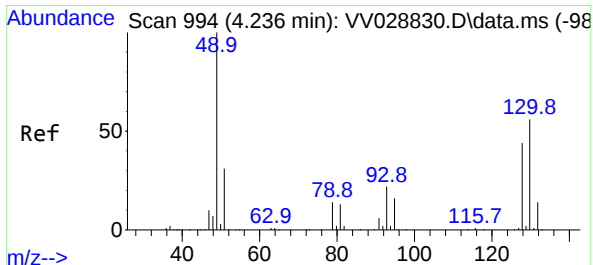
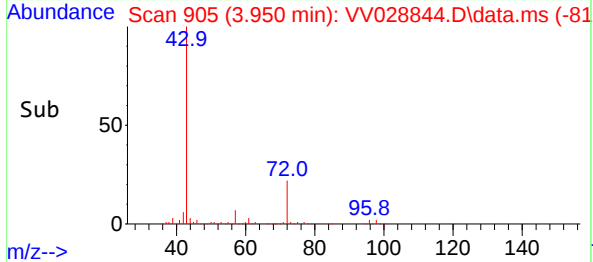
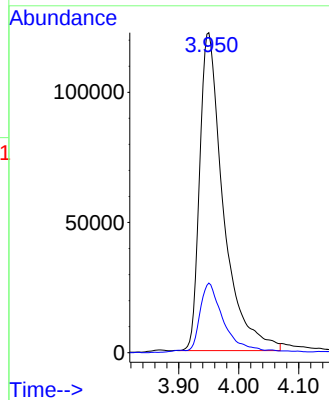
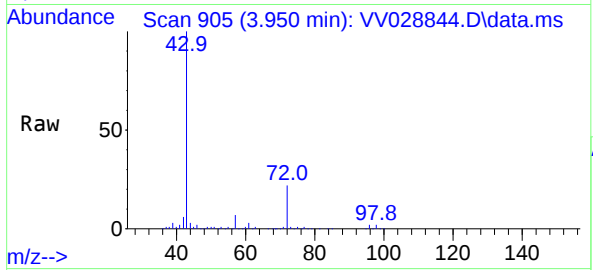




#22
2-Butanone
Concen: 101.679 ug/L
RT: 3.950 min Scan# 903
Delta R.T. -0.007 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

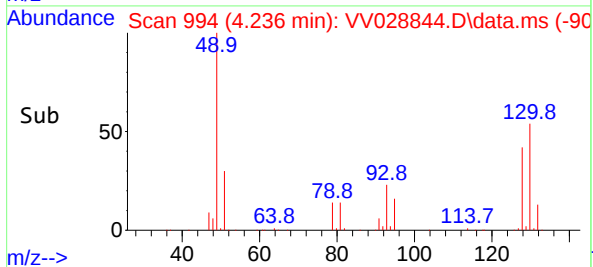
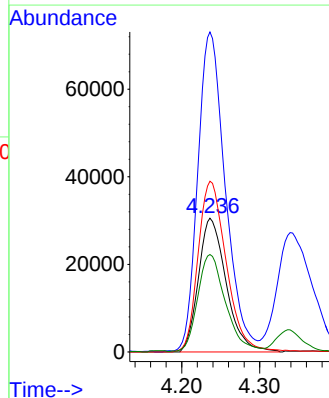
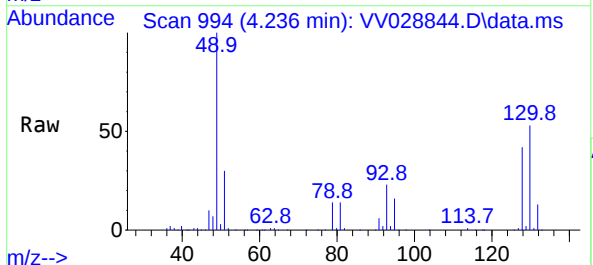
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

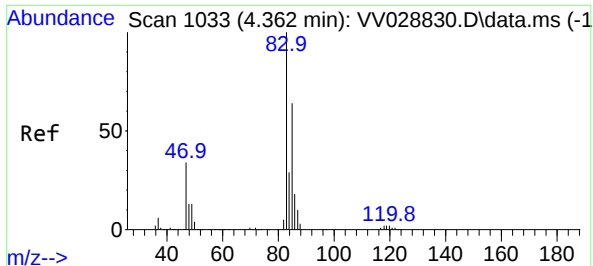
Tgt Ion: 43 Resp: 336495
Ion Ratio Lower Upper
43 100
72 20.5 10.0 30.0



#23
Bromochloromethane
Concen: 49.429 ug/L
RT: 4.236 min Scan# 994
Delta R.T. -0.003 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 128 Resp: 75505
Ion Ratio Lower Upper
128 100
49 239.3 161.8 300.6
130 127.7 89.9 166.9
51 72.9 56.5 84.7





#25

Chloroform

Concen: 50.493 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VV028844.D

Acq: 02 Nov 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

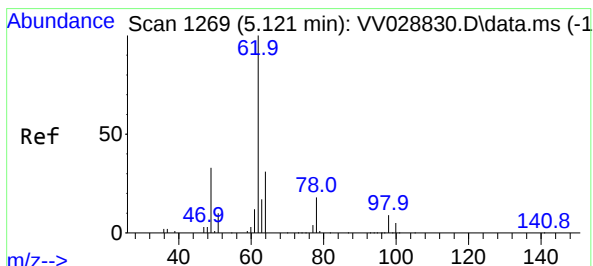
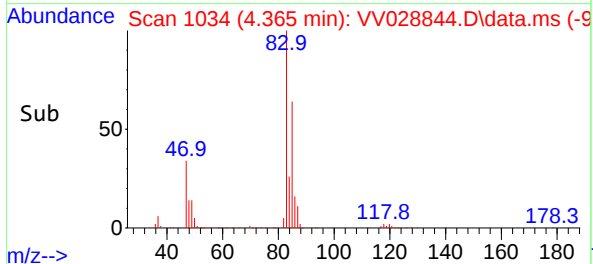
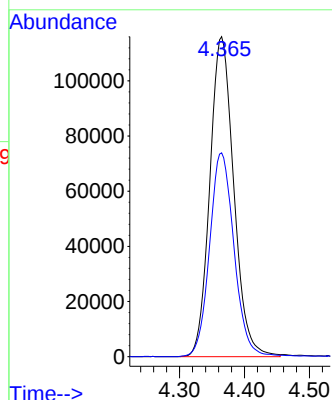
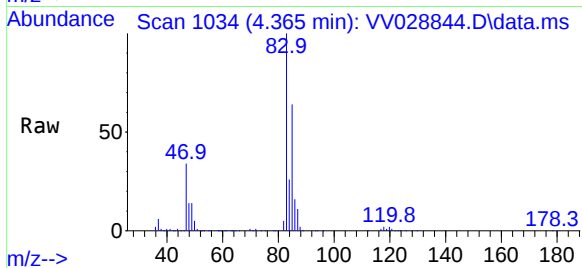
VSTD050369

Tgt Ion: 83 Resp: 297272

Ion Ratio Lower Upper

83 100

85 63.7 45.3 84.1



#27

1,2-Dichloroethane

Concen: 51.528 ug/L

RT: 5.120 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VV028844.D

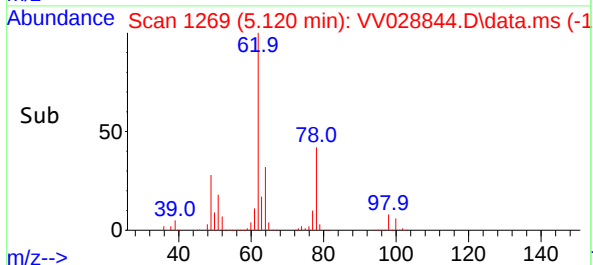
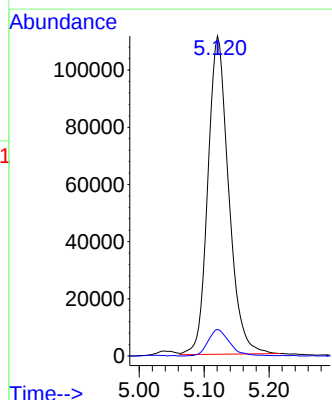
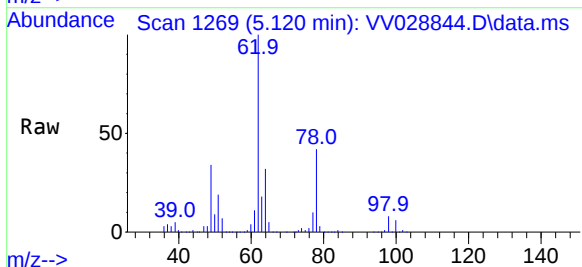
Acq: 02 Nov 2022 16:28

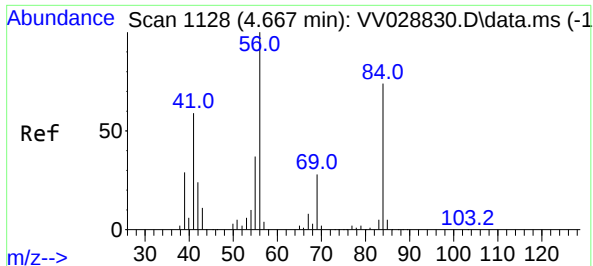
Tgt Ion: 62 Resp: 247745

Ion Ratio Lower Upper

62 100

98 8.3 6.9 10.3





#29

Cyclohexane

Concen: 50.486 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV028844.D

Acq: 02 Nov 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050369

Tgt Ion: 56 Resp: 304188

Ion Ratio Lower Upper

56 100

69 27.3

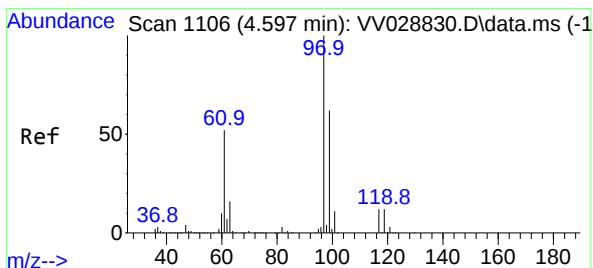
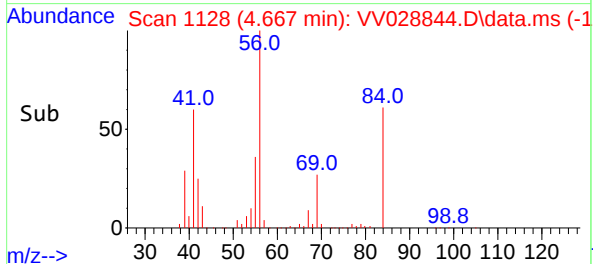
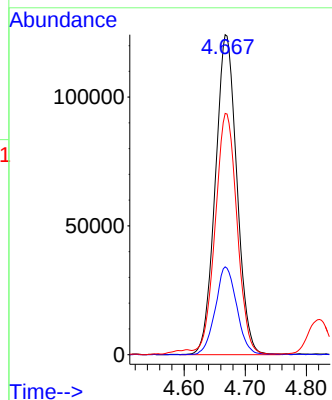
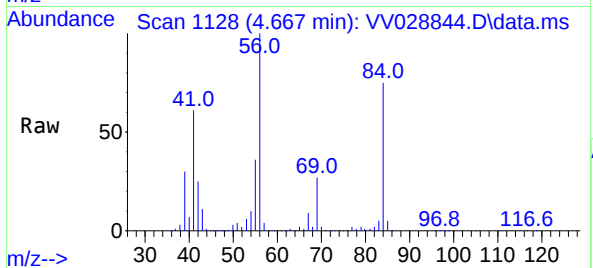
84 76.2

22.2

62.3

33.2

93.5



#30

1,1,1-Trichloroethane

Concen: 49.979 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV028844.D

Acq: 02 Nov 2022 16:28

Tgt Ion: 97 Resp: 237883

Ion Ratio Lower Upper

97 100

99 63.1

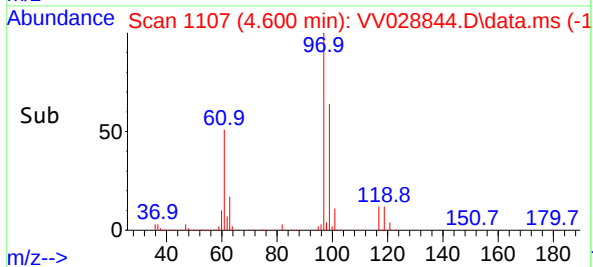
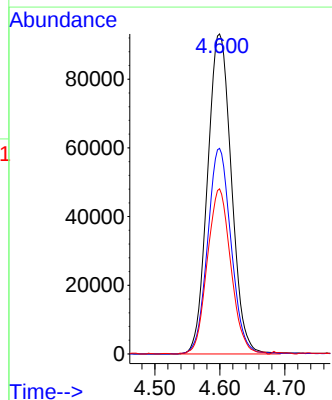
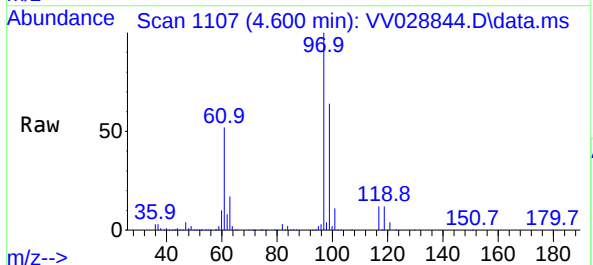
61 50.9

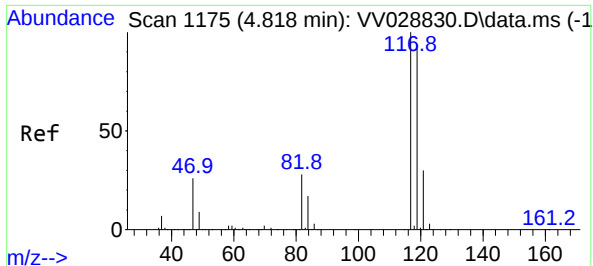
50.2

40.2

75.4

60.4

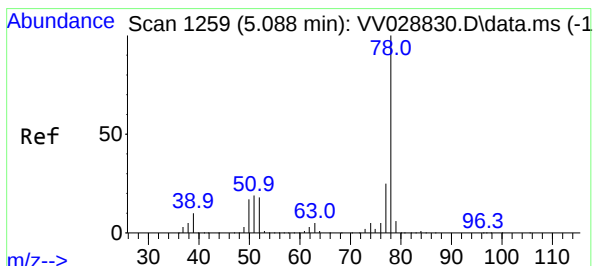
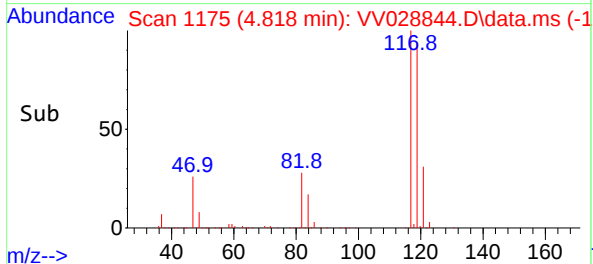
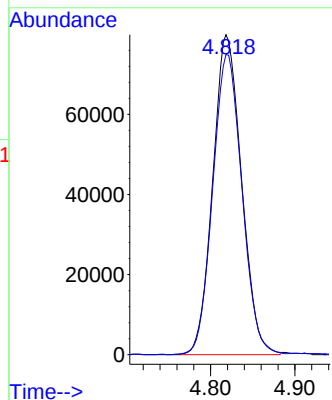
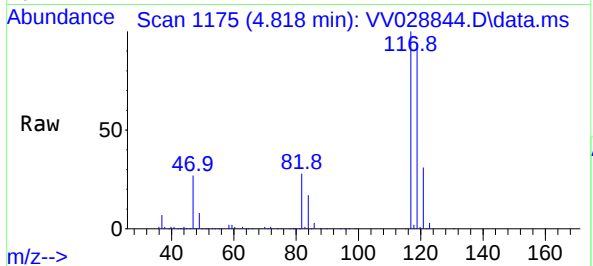




#31
Carbon tetrachloride
Concen: 49.674 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

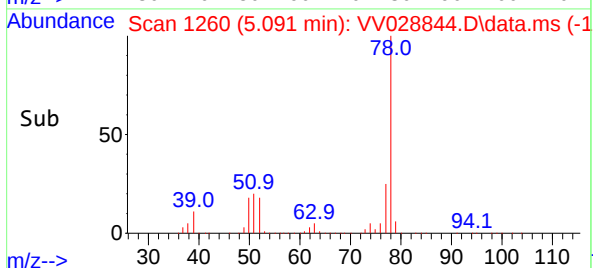
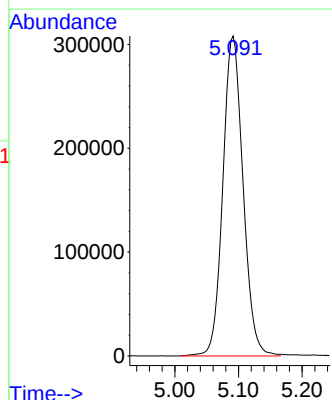
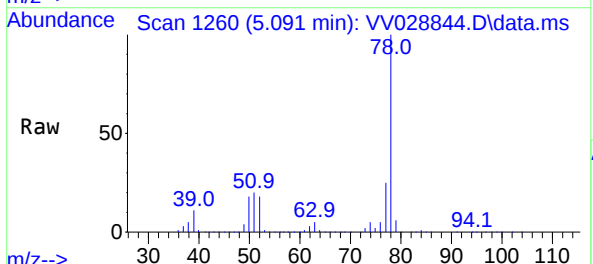
Instrument : MSVOA_V
ClientSampleId : VSTD050369

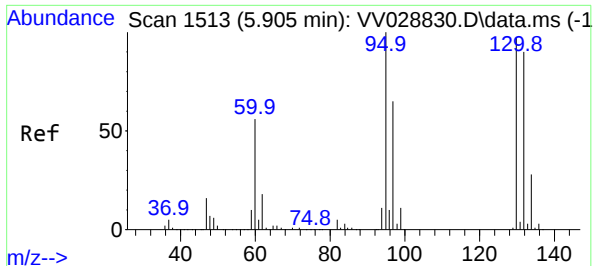
Tgt Ion:117 Resp: 188902
Ion Ratio Lower Upper
117 100
119 95.6 76.1 114.1



#33
Benzene
Concen: 51.100 ug/L
RT: 5.091 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 78 Resp: 679316

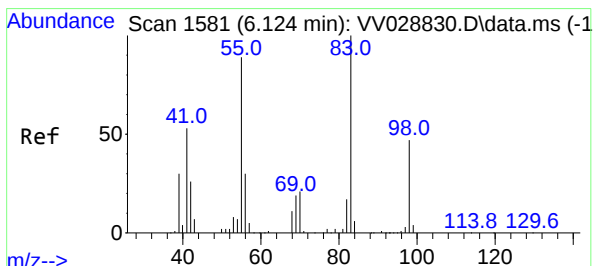
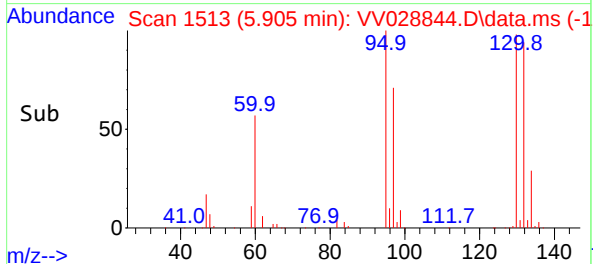
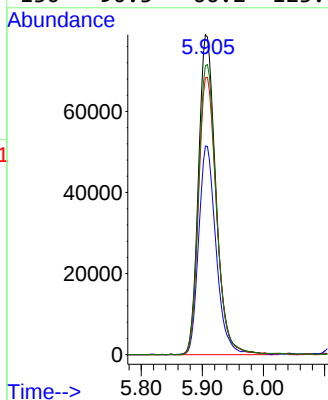
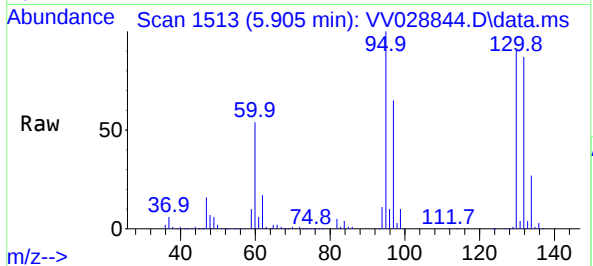




#34
Trichloroethene
Concen: 50.415 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

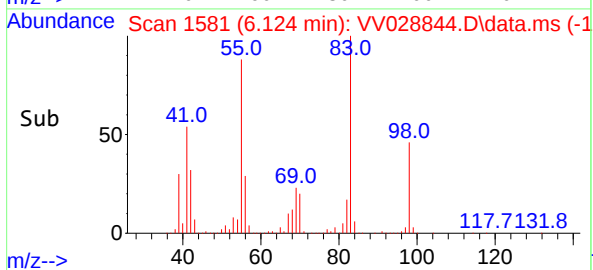
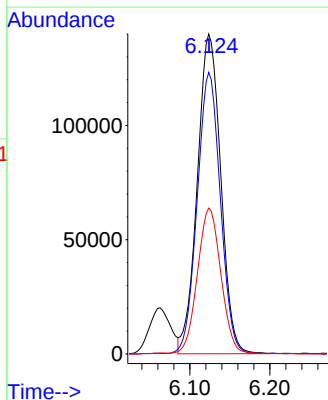
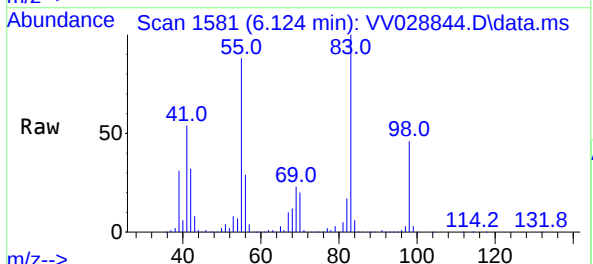
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

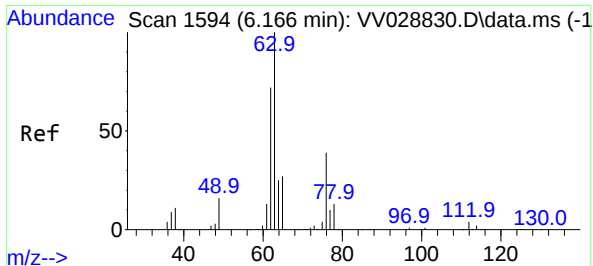
Tgt Ion: 95 Resp: 156729
Ion Ratio Lower Upper
95 100
97 65.2 46.2 85.8
132 86.6 63.2 117.4
130 90.3 66.2 123.0



#35
Methylcyclohexane
Concen: 51.808 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 83 Resp: 285659
Ion Ratio Lower Upper
83 100
55 86.8 69.4 104.2
98 45.8 37.0 55.4

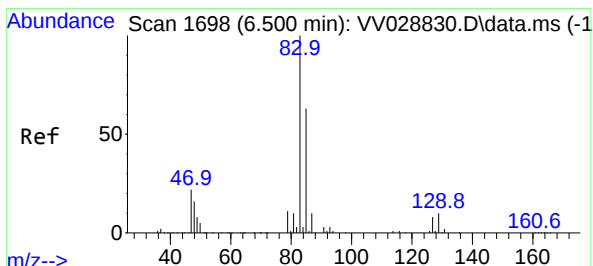
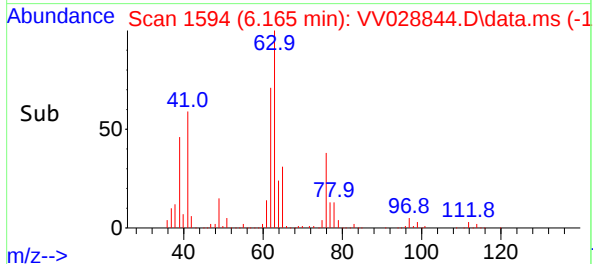
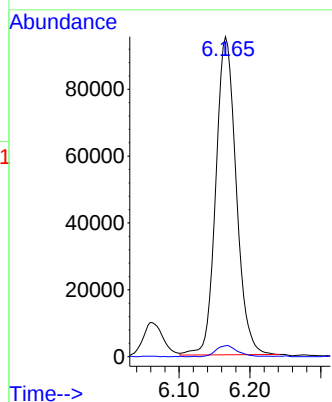
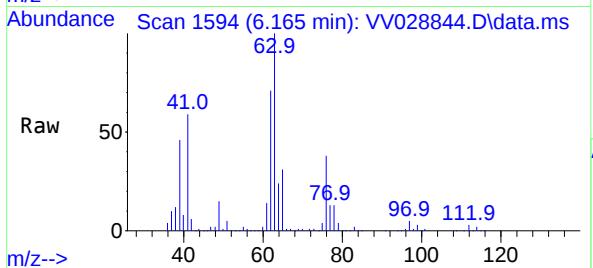




#37
1,2-Dichloropropane
Concen: 51.729 ug/L
RT: 6.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

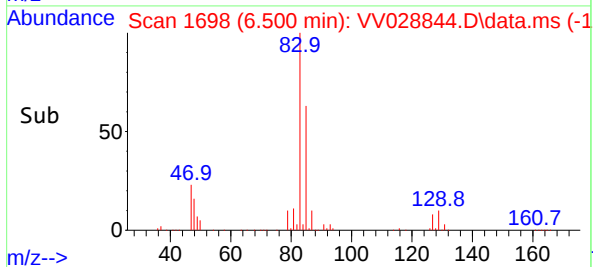
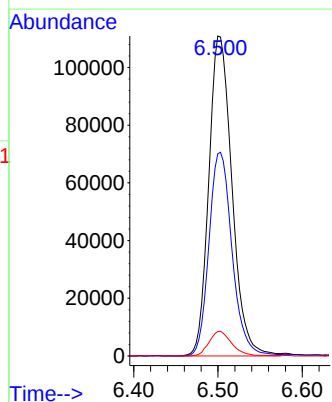
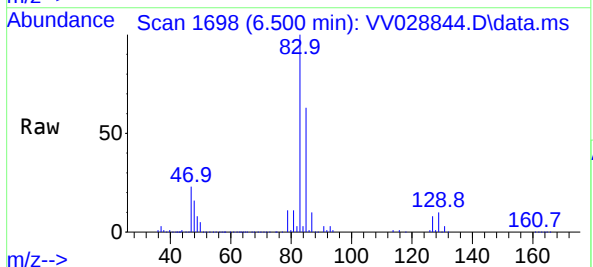
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

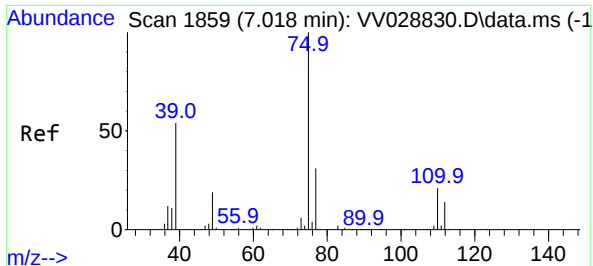
Tgt Ion: 63 Resp: 190265
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.6



#38
Bromodichloromethane
Concen: 50.878 ug/L
RT: 6.500 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 83 Resp: 212596
Ion Ratio Lower Upper
83 100
85 63.2 44.3 82.3
127 7.6 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 49.409 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VV028844.D

Acq: 02 Nov 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

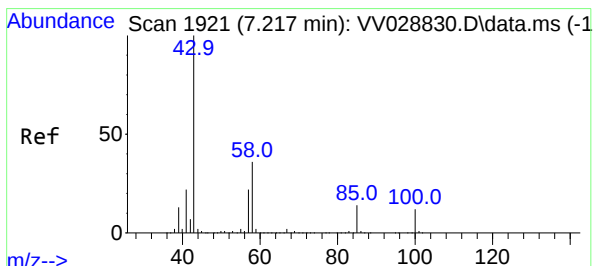
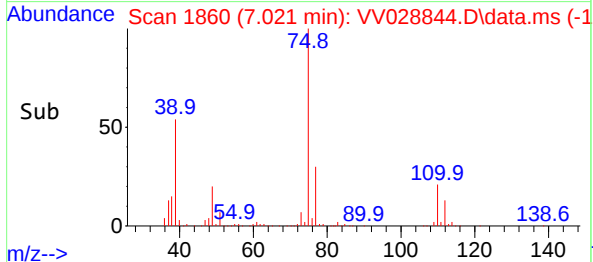
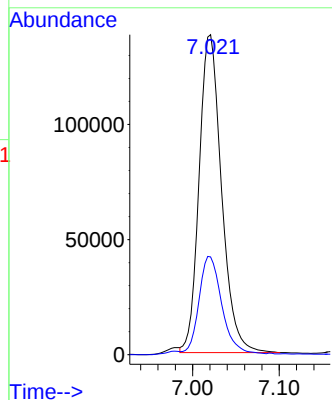
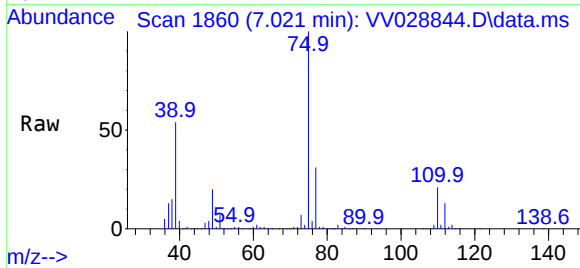
VSTD050369

Tgt Ion: 75 Resp: 248189

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 99.328 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. -0.003 min

Lab File: VV028844.D

Acq: 02 Nov 2022 16:28

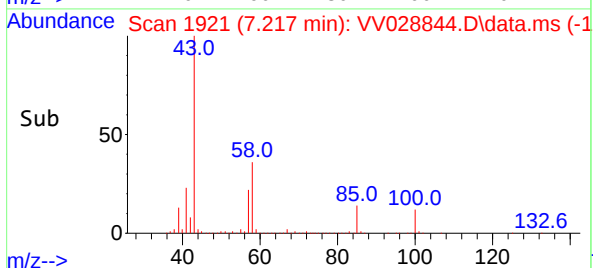
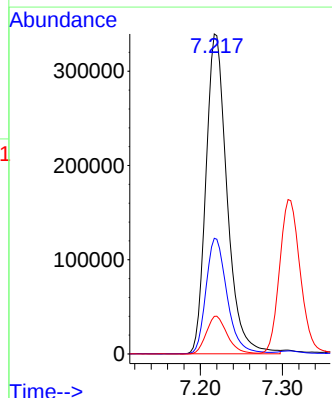
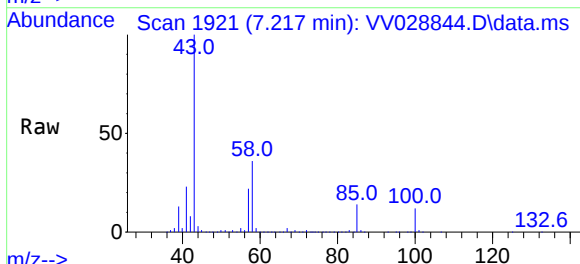
Tgt Ion: 43 Resp: 607595

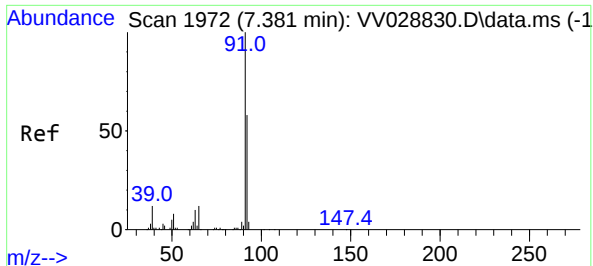
Ion Ratio Lower Upper

43 100

58 36.1 29.1 43.7

100 11.8 9.5 14.3

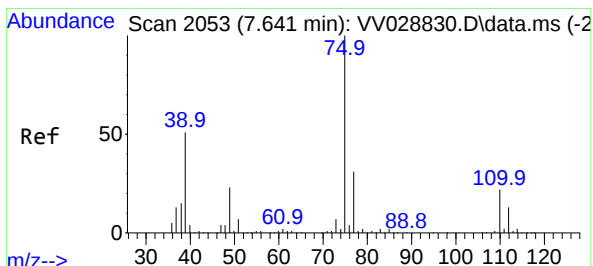
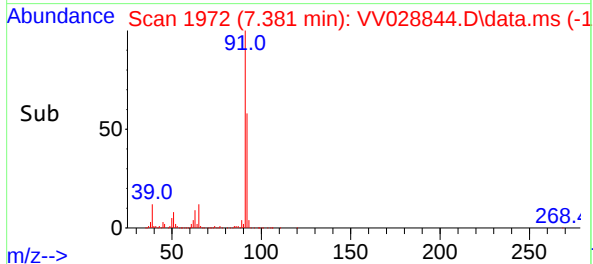
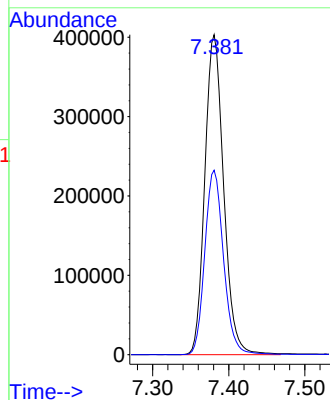
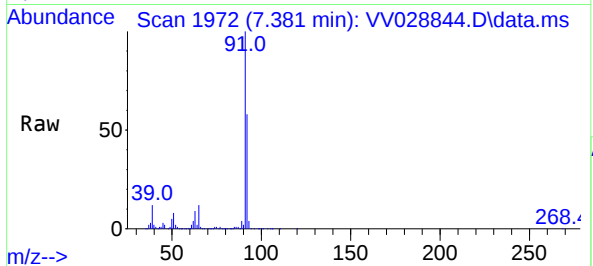




#42
Toluene
Concen: 51.245 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

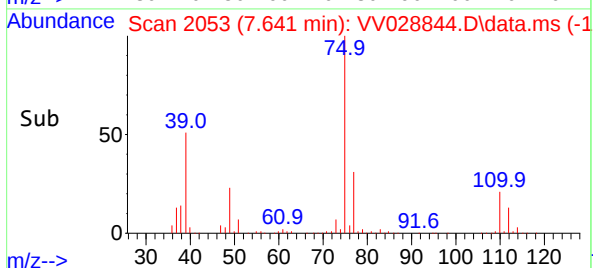
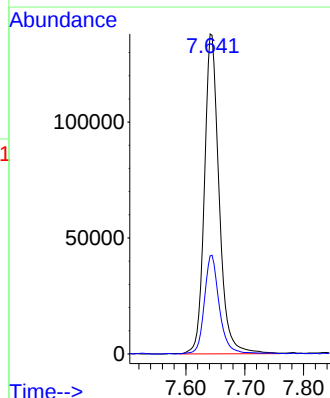
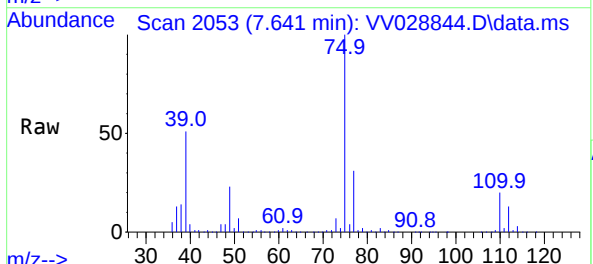
Instrument : MSVOA_V
ClientSampleId : VSTD050369

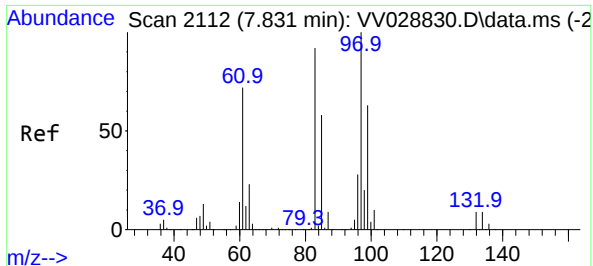
Tgt Ion: 91 Resp: 694592
Ion Ratio Lower Upper
91 100
92 57.7 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 51.604 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. -0.003 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 75 Resp: 239703
Ion Ratio Lower Upper
75 100
77 30.7 22.0 41.0



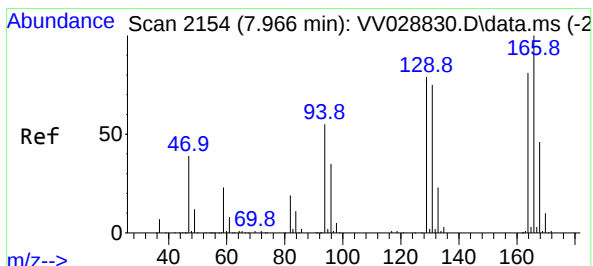
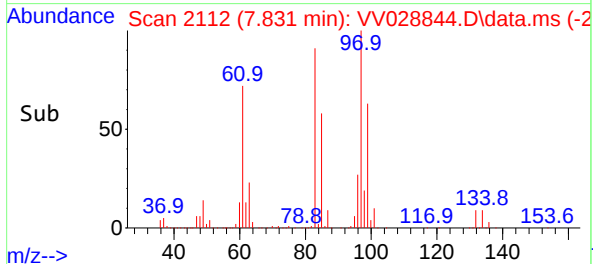
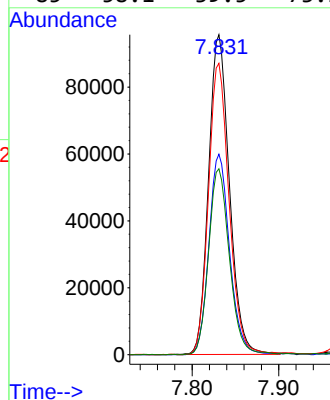
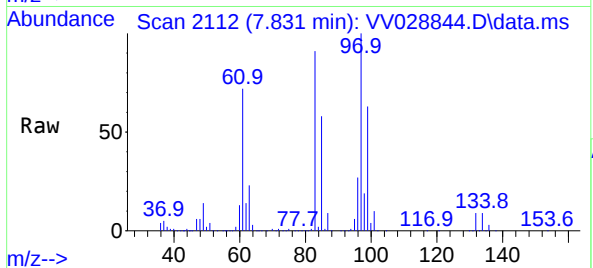


#45
1,1,2-Trichloroethane
Concen: 50.753 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

Tgt Ion: 97 Resp: 160150

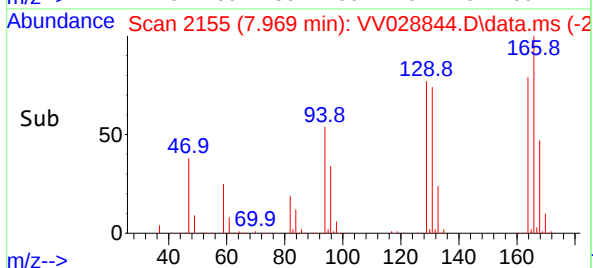
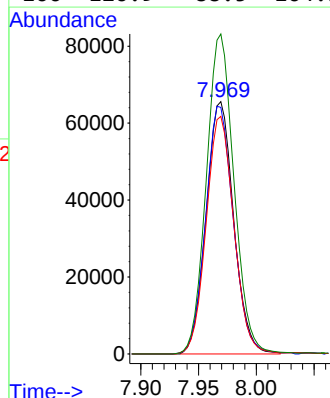
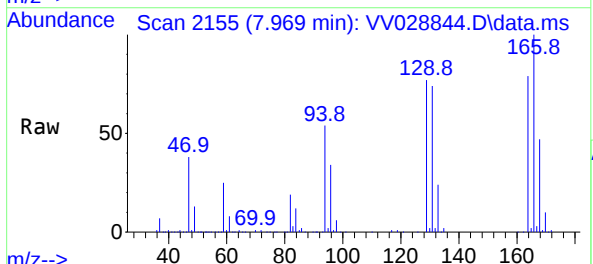
Ion	Ratio	Lower	Upper
97	100		
99	62.7	42.9	79.7
83	91.1	62.7	116.5
85	58.1	39.5	73.3

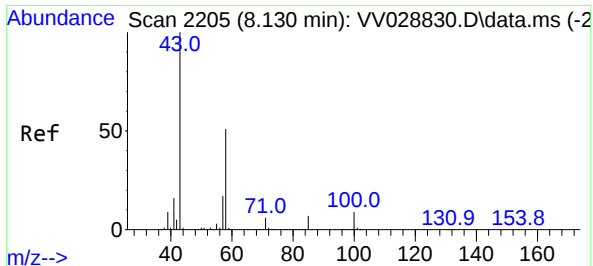


#46
Tetrachloroethene
Concen: 50.552 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 164 Resp: 108920

Ion	Ratio	Lower	Upper
164	100		
129	97.8	69.5	129.1
131	94.2	66.4	123.2
166	126.9	88.5	164.3





#48

2-Hexanone

Concen: 103.025 ug/L

RT: 8.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028844.D

Acq: 02 Nov 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050369

Tgt Ion: 43 Resp: 479971

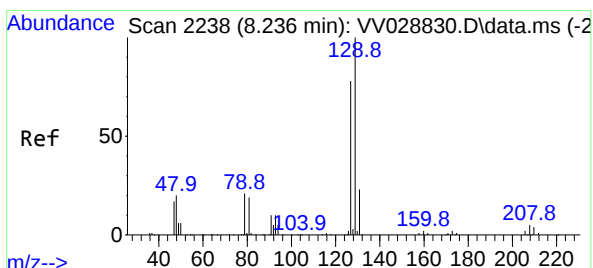
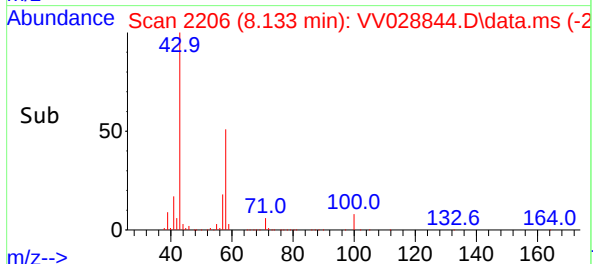
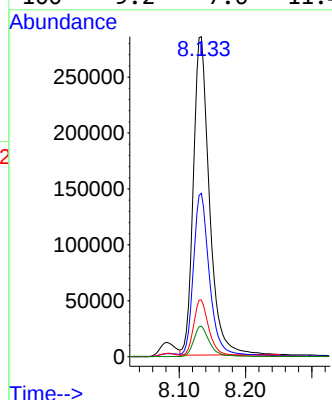
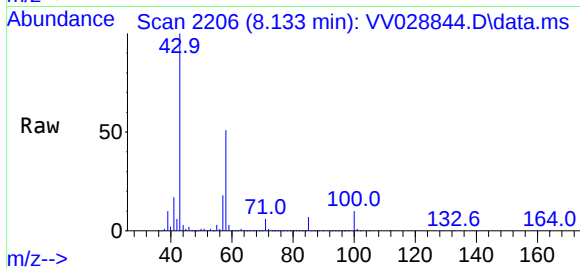
Ion Ratio Lower Upper

43 100

58 50.7 41.4 62.0

57 16.6 13.8 20.6

100 9.2 7.6 11.4



#49

Dibromochloromethane

Concen: 50.222 ug/L

RT: 8.239 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VV028844.D

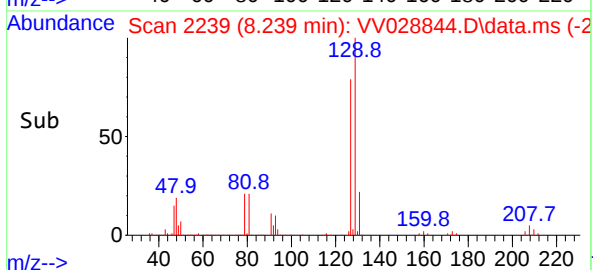
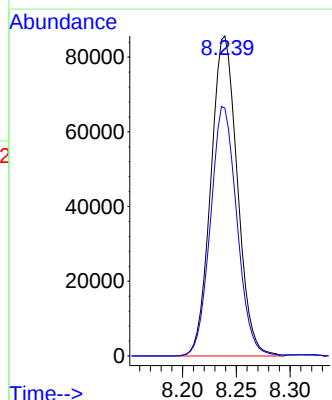
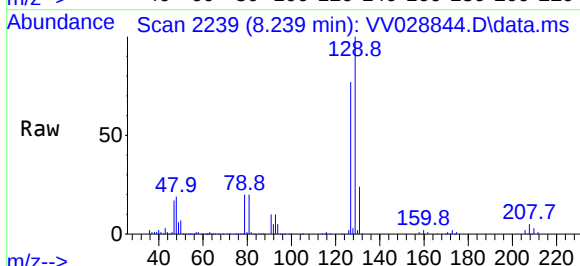
Acq: 02 Nov 2022 16:28

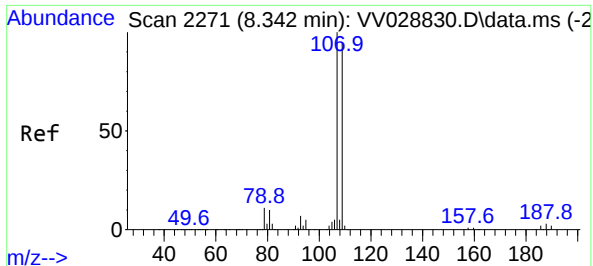
Tgt Ion: 129 Resp: 146699

Ion Ratio Lower Upper

129 100

127 77.5 55.3 102.7

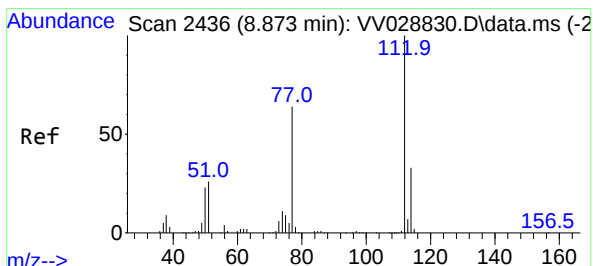
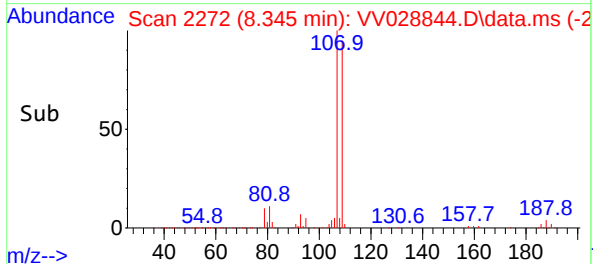
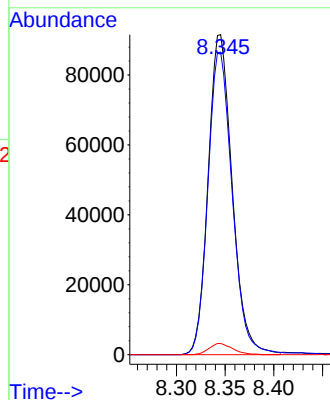
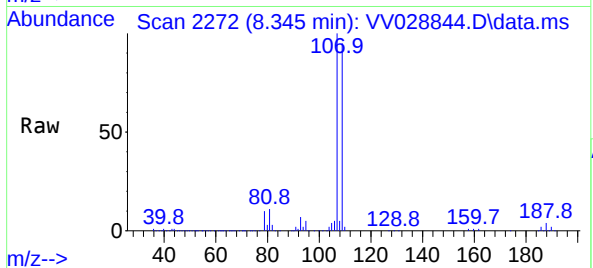




#50
1,2-Dibromoethane
Concen: 49.471 ug/L
RT: 8.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

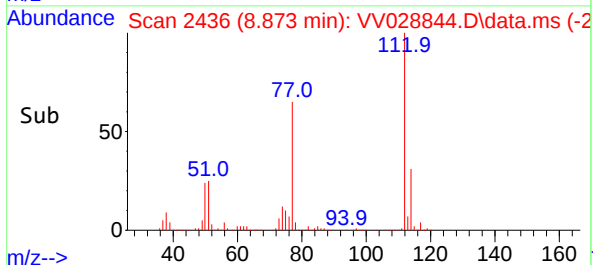
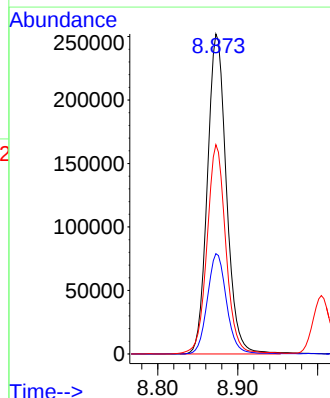
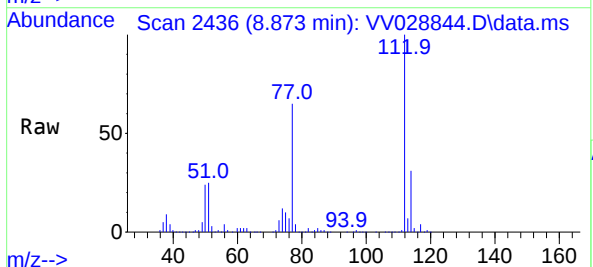
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

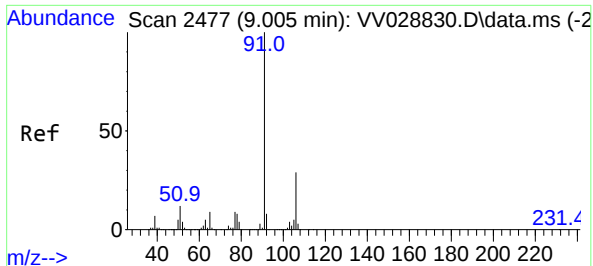
Tgt Ion:107 Resp: 157288
Ion Ratio Lower Upper
107 100
109 94.5 65.2 121.0
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 50.270 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion:112 Resp: 417235
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.5
77 65.4 50.6 75.8

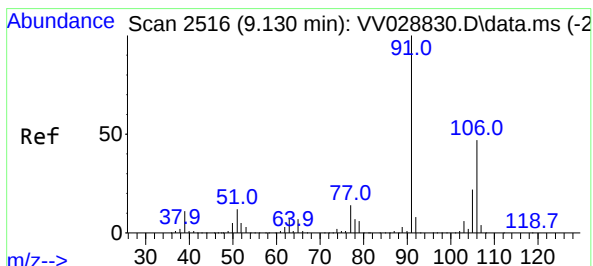
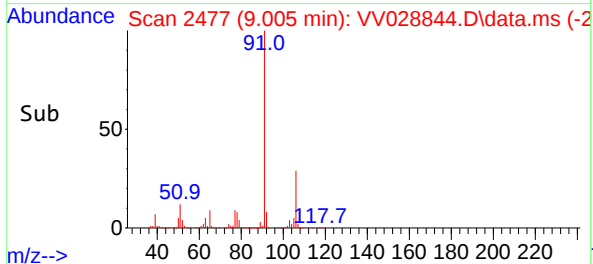
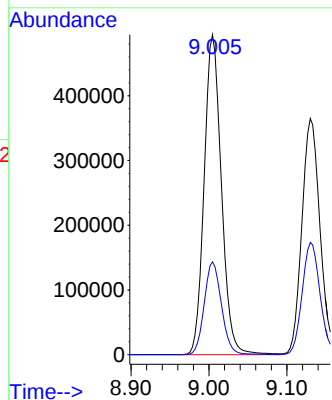
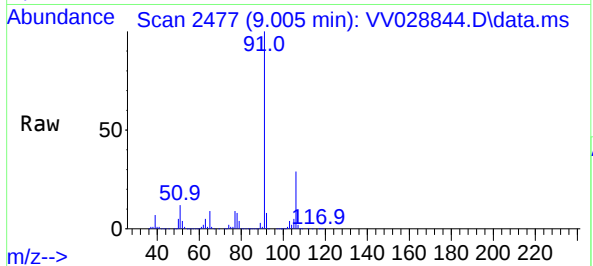




#52
Ethylbenzene
Concen: 52.028 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

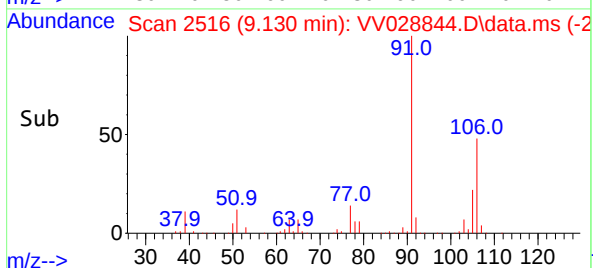
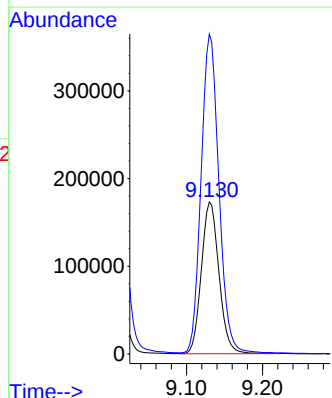
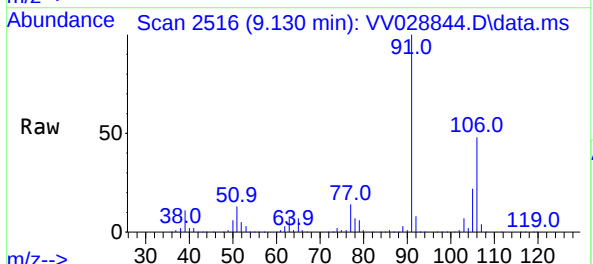
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

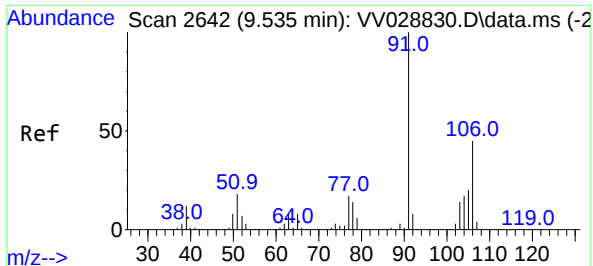
Tgt Ion: 91 Resp: 758638
Ion Ratio Lower Upper
91 100
106 29.0 20.4 38.0



#53
m,p-Xylene
Concen: 52.302 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 106 Resp: 278152
Ion Ratio Lower Upper
106 100
91 210.4 146.2 271.6

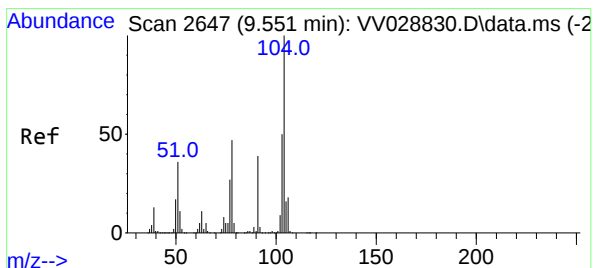
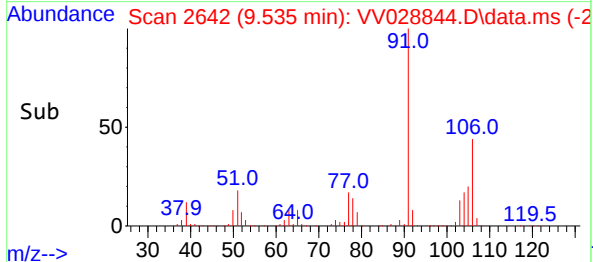
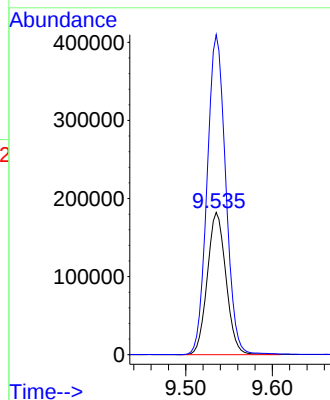
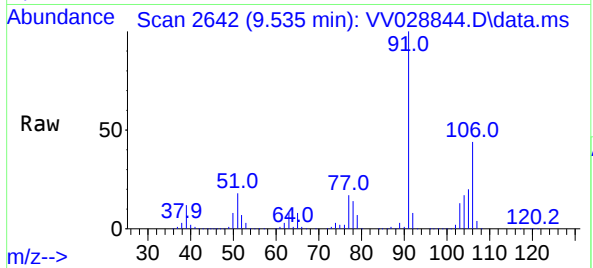




#54
o-Xylene
Concen: 51.387 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

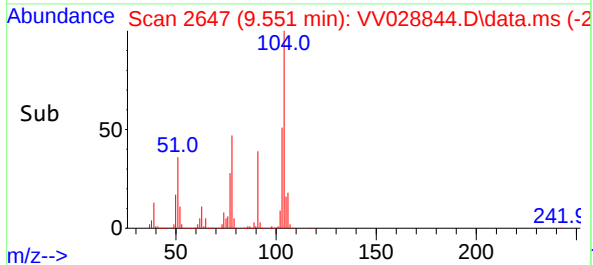
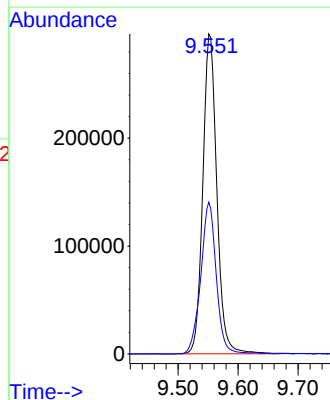
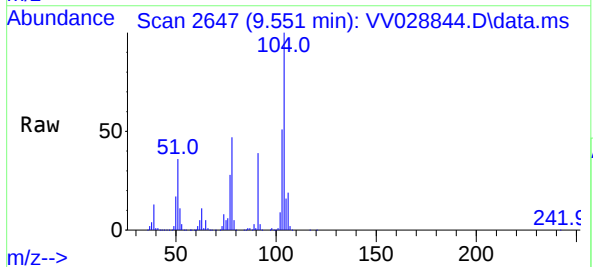
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

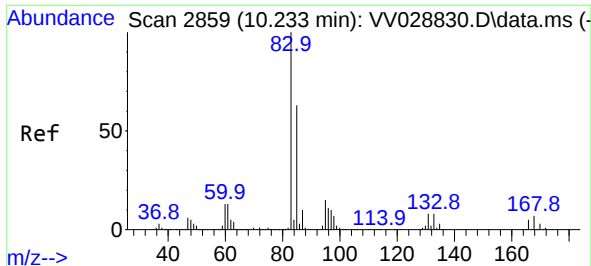
Tgt Ion:106 Resp: 272835
Ion Ratio Lower Upper
106 100
91 225.0 158.1 293.7



#55
Styrene
Concen: 53.051 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion:104 Resp: 483031
Ion Ratio Lower Upper
104 100
78 47.5 31.9 59.3

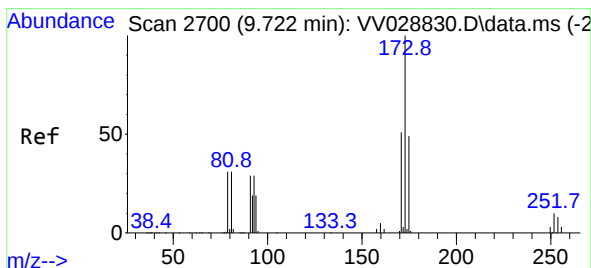
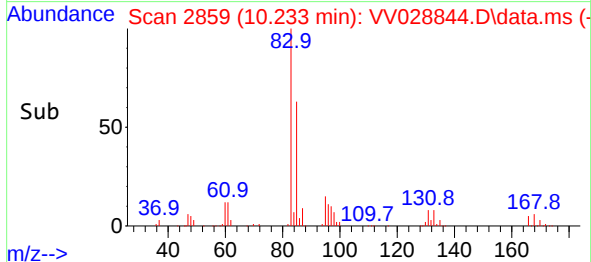
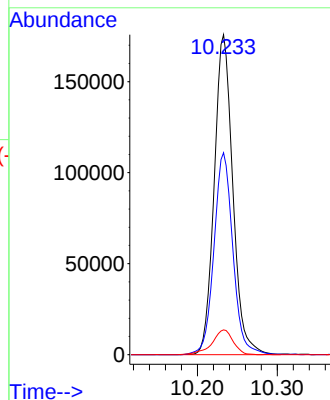
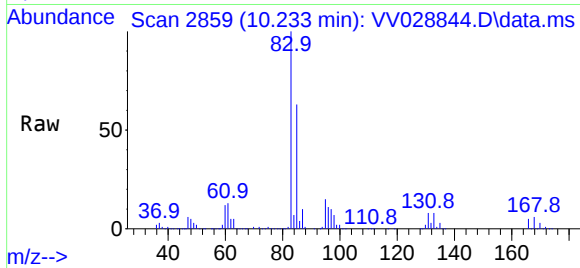




#57
1,1,2,2-Tetrachloroethane
Concen: 50.938 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

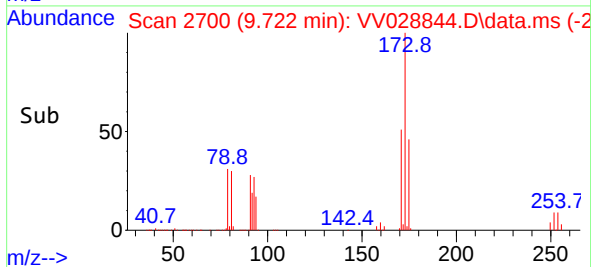
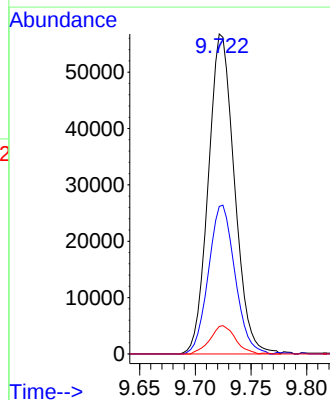
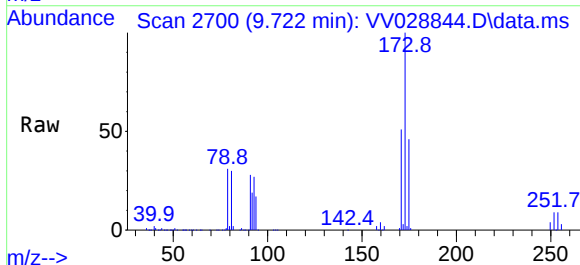
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

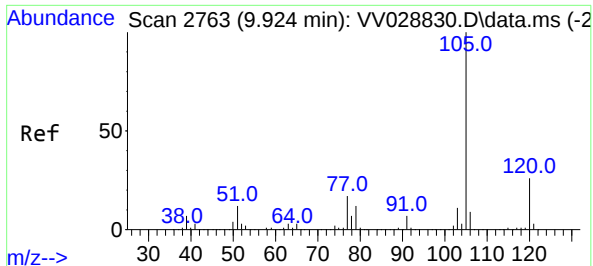
Tgt Ion: 83 Resp: 283692
Ion Ratio Lower Upper
83 100
85 63.1 44.4 82.4
131 7.8 6.5 9.7



#59
Bromoform
Concen: 49.020 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 173 Resp: 92625
Ion Ratio Lower Upper
173 100
175 47.2 38.7 58.1
254 8.5 7.2 10.8

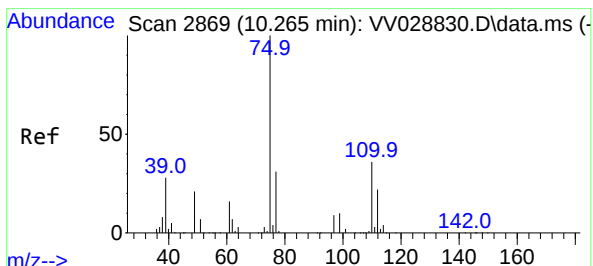
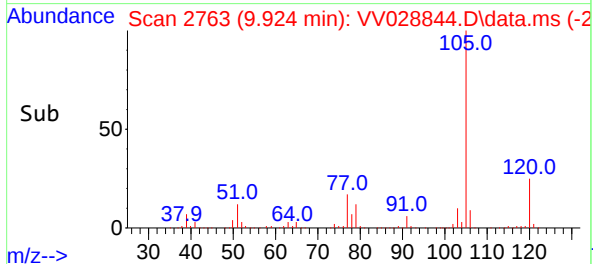
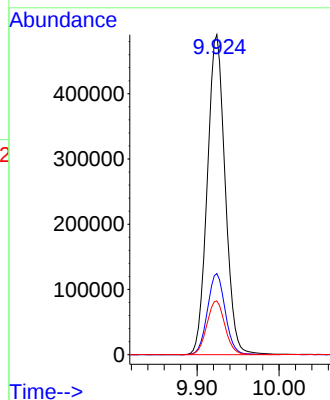
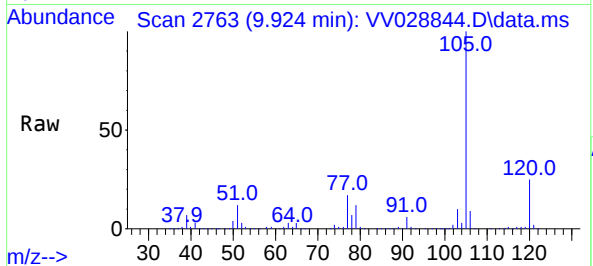




#60
Isopropylbenzene
Concen: 51.204 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

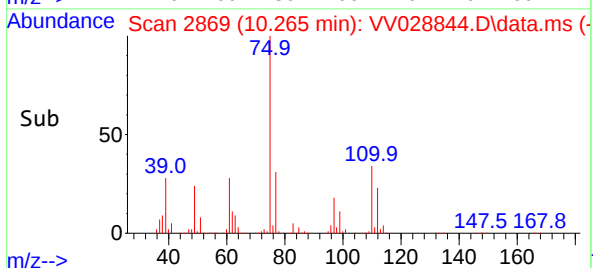
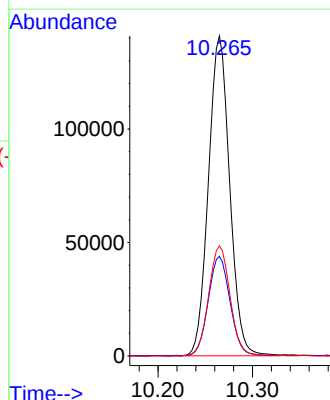
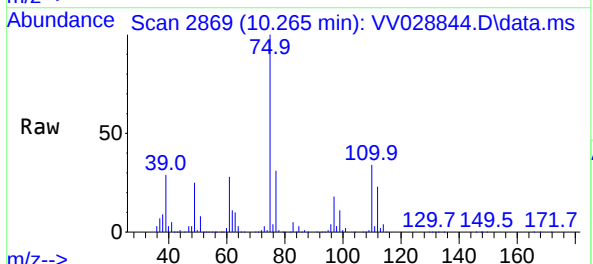
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

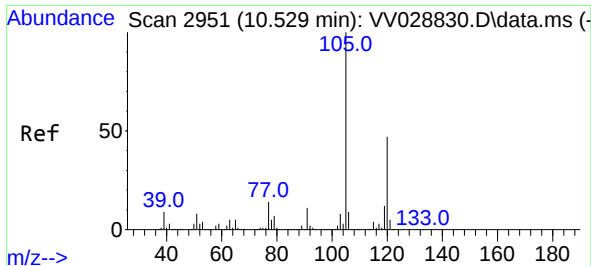
Tgt Ion:105 Resp: 740611
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 17.0 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 48.618 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion: 75 Resp: 219900
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
110 34.7 28.2 42.2

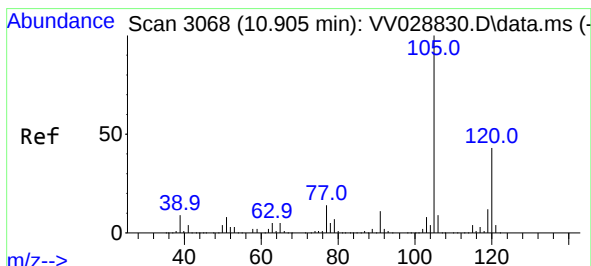
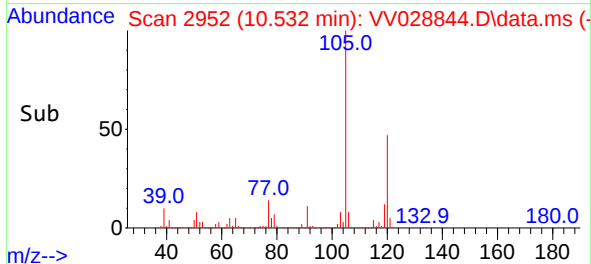
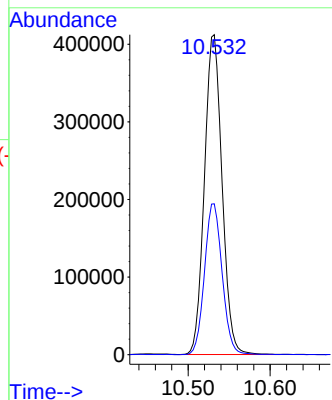
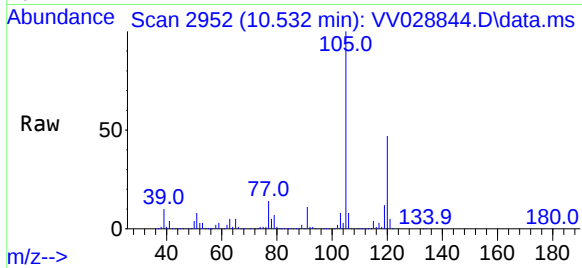




#62
1,3,5-Trimethylbenzene
Concen: 50.902 ug/L
RT: 10.532 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

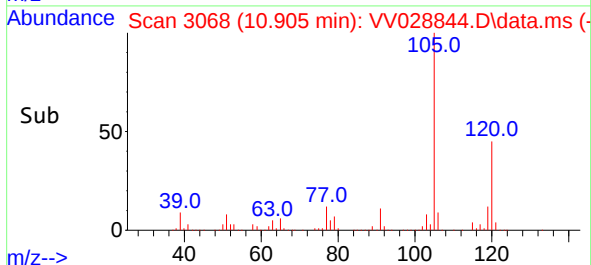
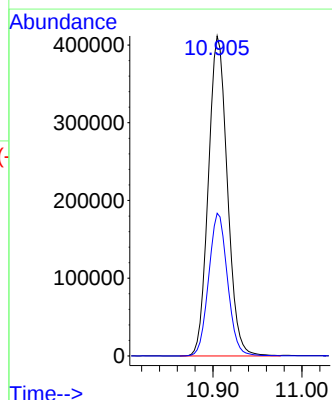
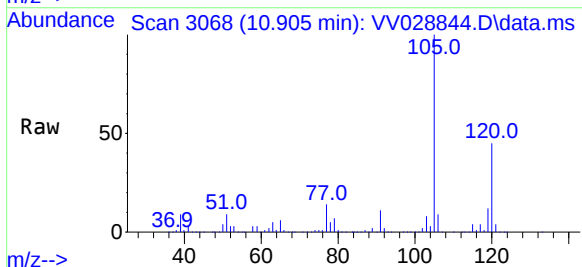
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

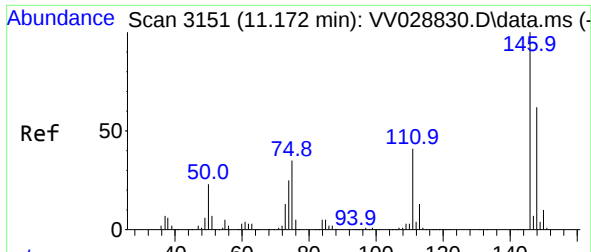
Tgt Ion:105 Resp: 614650
Ion Ratio Lower Upper
105 100
120 47.3 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 50.628 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion:105 Resp: 608179
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.0

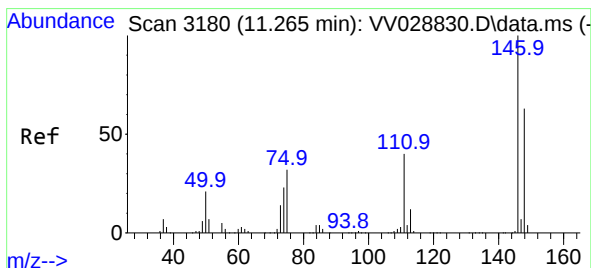
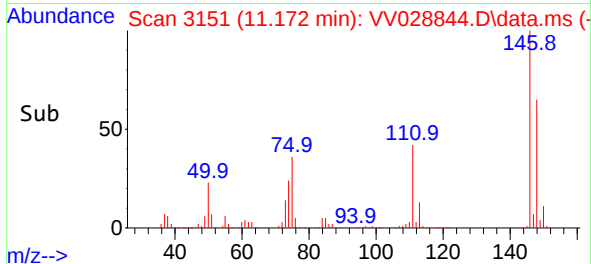
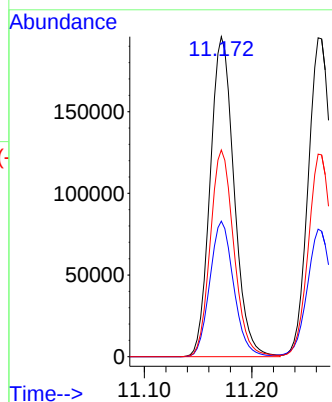
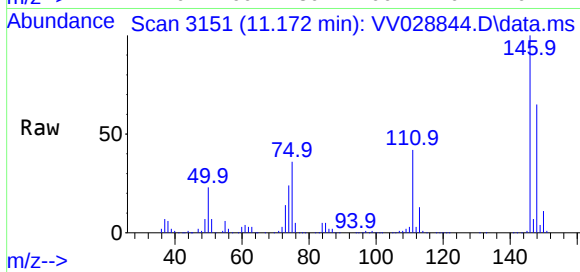




#64
1,3-Dichlorobenzene
Concen: 49.644 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

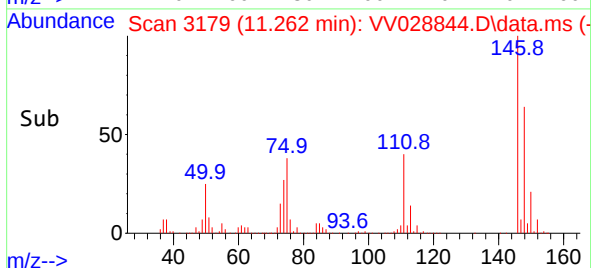
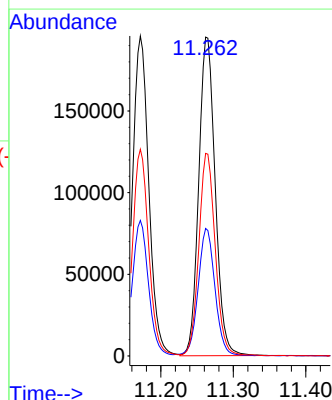
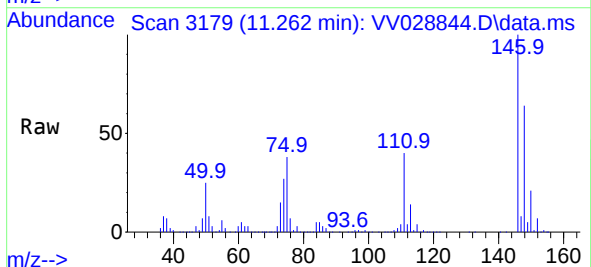
Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

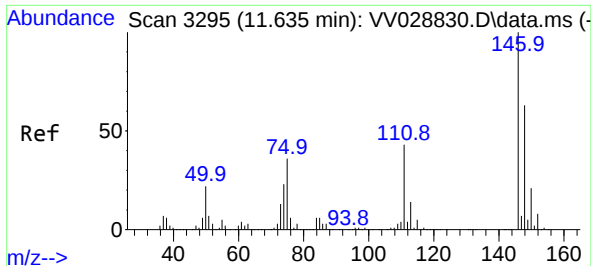
Tgt Ion:146 Resp: 302907
Ion Ratio Lower Upper
146 100
111 42.4 29.6 55.0
148 64.6 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 49.503 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.003 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion:146 Resp: 307759
Ion Ratio Lower Upper
146 100
111 40.0 28.7 53.3
148 63.5 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 49.928 ug/L

RT: 11.635 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028844.D

Acq: 02 Nov 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050369

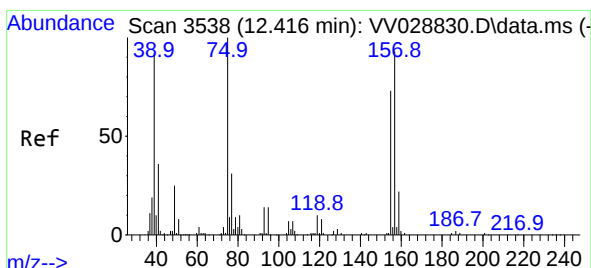
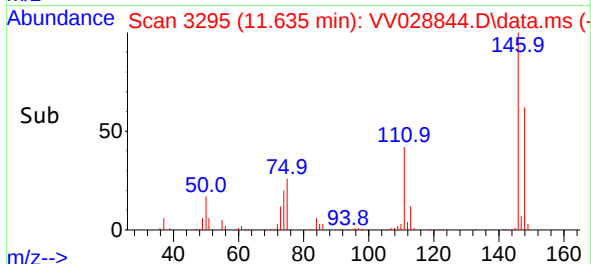
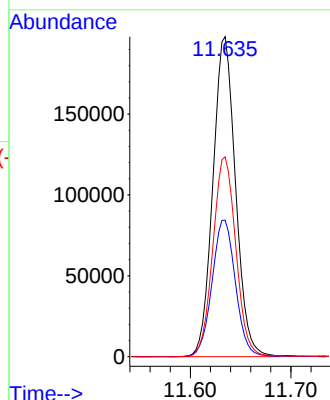
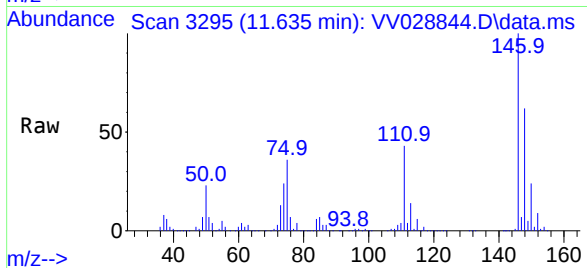
Tgt Ion:146 Resp: 309910

Ion Ratio Lower Upper

146 100

111 42.7 34.2 51.2

148 62.5 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 43.758 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.003 min

Lab File: VV028844.D

Acq: 02 Nov 2022 16:28

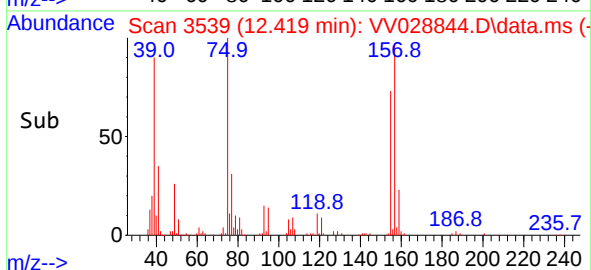
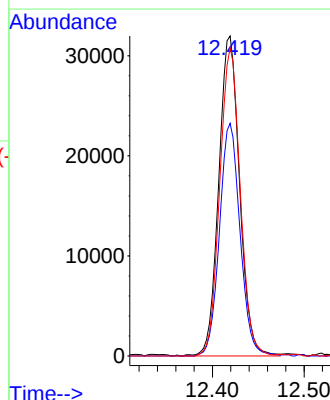
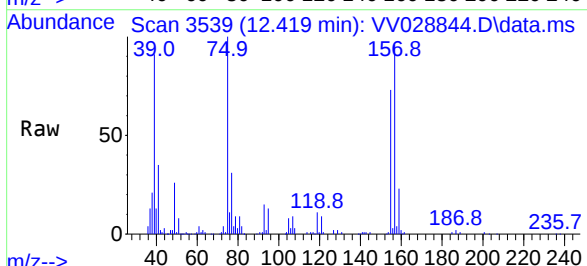
Tgt Ion: 75 Resp: 50423

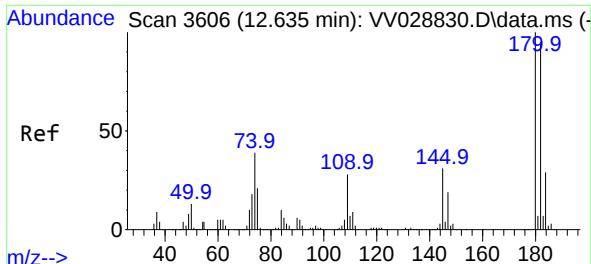
Ion Ratio Lower Upper

75 100

155 72.7 59.4 89.0

157 96.3 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 49.225 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. -0.000 min

Lab File: VV028844.D

Acq: 02 Nov 2022 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050369

Tgt Ion:180 Resp: 215382

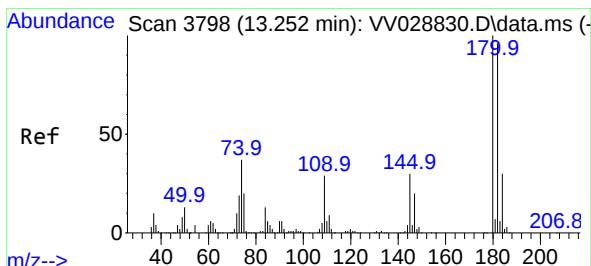
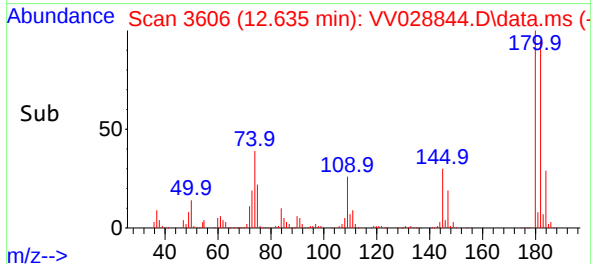
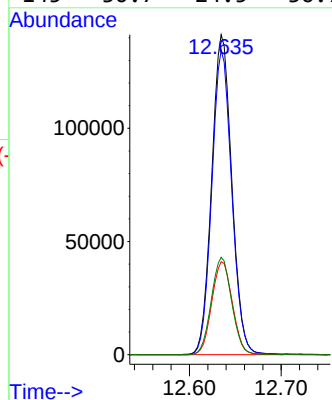
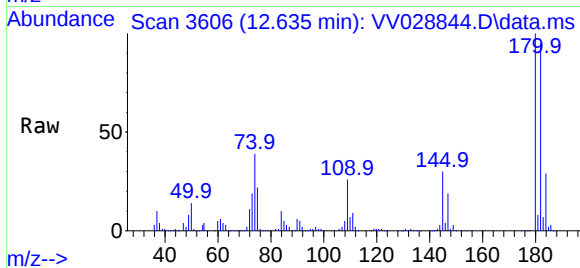
Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

184 29.7 23.9 35.9

145 30.7 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 49.019 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. -0.000 min

Lab File: VV028844.D

Acq: 02 Nov 2022 16:28

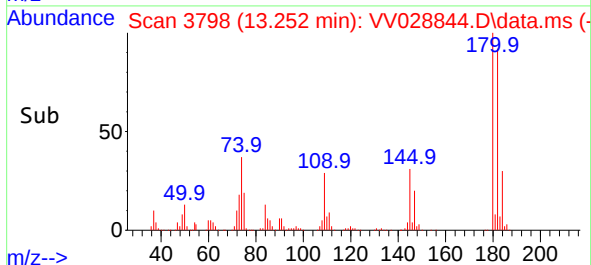
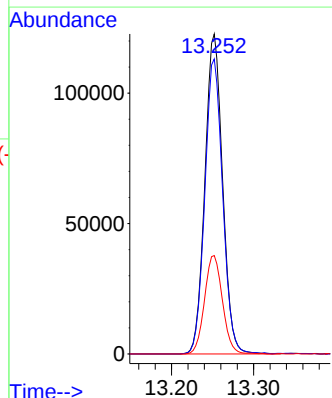
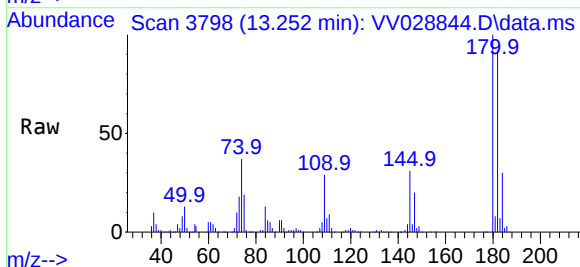
Tgt Ion:180 Resp: 183545

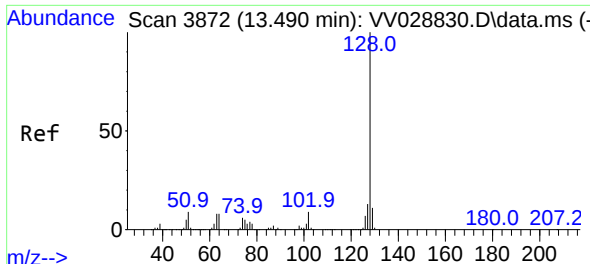
Ion Ratio Lower Upper

180 100

182 93.1 76.6 115.0

145 31.1 25.1 37.7



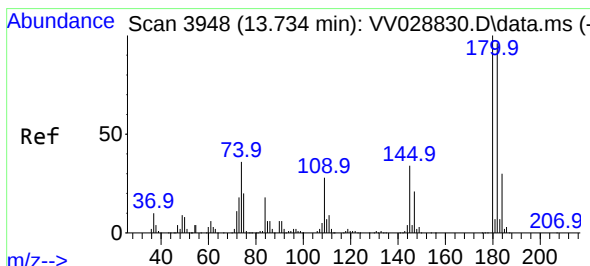
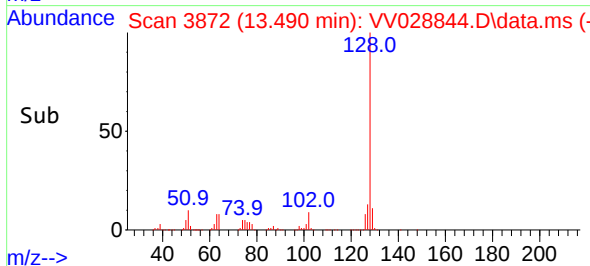
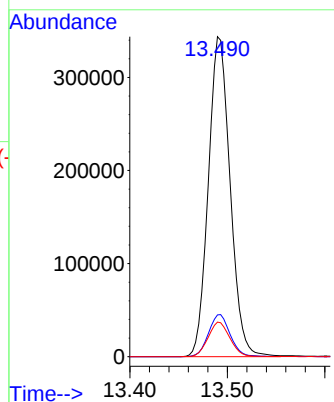
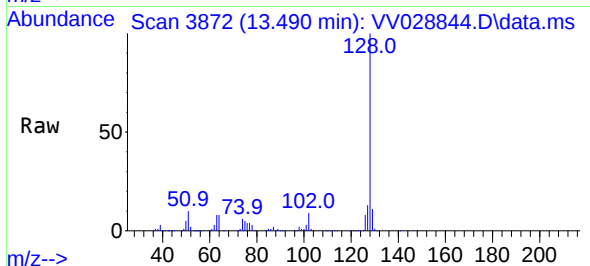


#71
Naphthalene
Concen: 43.895 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050369

Tgt Ion:128 Resp: 535128

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.899 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV028844.D
Acq: 02 Nov 2022 16:28

Tgt Ion:180 Resp: 185325

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.5	113.3
145	33.3	26.2	39.4

