

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110222\
 Data File : VW028830.D
 Acq On : 02 Nov 2022 10:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050368

Quant Time: Nov 03 03:29:16 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	366649	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	350367	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	181382	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	159757	45.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.920%
7) Chloroethane-d5	1.558	69	134160	45.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.300%
11) 1,1-Dichloroethene-d2	2.101	63	316661	47.894	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.780%
21) 2-Butanone-d5	3.860	46	283853	112.189	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.190%
24) Chloroform-d	4.336	84	261806	49.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	5.021	65	177280	51.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.260%
32) Benzene-d6	5.040	84	513279	46.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
36) 1,2-Dichloropropane-d6	6.063	67	181543	48.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.700%
41) Toluene-d8	7.307	98	447290	46.518	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.040%
43) trans-1,3-Dichloroprop...	7.612	79	72311	50.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.280%
47) 2-Hexanone-d5	8.079	63	181747	107.102	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.100%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	256813	51.865	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.720%
66) 1,2-Dichlorobenzene-d4	11.616	152	168126	46.958	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	140179	51.987	ug/L	99
3) Chloromethane	1.237	50	232814	51.879	ug/L	98
5) Vinyl chloride	1.307	62	222076	53.874	ug/L	99
6) Bromomethane	1.510	94	110515	48.590	ug/L	96
8) Chloroethane	1.577	64	133516	50.440	ug/L	97
9) Trichlorofluoromethane	1.745	101	259996	53.037	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	149803	53.935	ug/L	99
12) 1,1-Dichloroethene	2.111	96	141257	51.655	ug/L	93
13) Acetone	2.153	43	326494	133.278	ug/L	99
14) Carbon disulfide	2.288	76	377926	49.545	ug/L	100
15) Methyl Acetate	2.417	43	223608	54.386	ug/L	99
16) Methylene chloride	2.497	84	159672	48.123	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	136745	51.696	ug/L	100
18) Methyl tert-butyl Ether	2.757	73	484493	53.022	ug/L	100
19) 1,1-Dichloroethane	3.179	63	301400	52.294	ug/L	98
20) cis-1,2-Dichloroethene	3.899	96	152350	52.200	ug/L #	98
22) 2-Butanone	3.944	43	348148	115.683	ug/L	98
23) Bromochloromethane	4.236	128	73886	53.189	ug/L	99
25) Chloroform	4.362	83	280032	52.304	ug/L	99

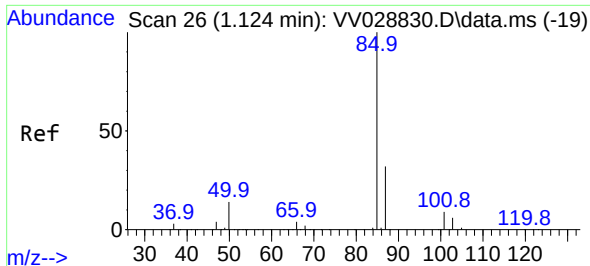
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110222\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	233506	53.406	ug/L	100
29) Cyclohexane	4.667	56	285100	50.997	ug/L	99
30) 1,1,1-Trichloroethane	4.597	97	222541	50.390	ug/L	99
31) Carbon tetrachloride	4.818	117	178198	50.502	ug/L	99
33) Benzene	5.088	78	631579	51.203	ug/L	100
34) Trichloroethene	5.905	95	144431	50.071	ug/L	98
35) Methylcyclohexane	6.124	83	268230	52.428	ug/L	98
37) 1,2-Dichloropropane	6.166	63	177138	51.904	ug/L	100
38) Bromodichloromethane	6.500	83	202405	52.204	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	241045	51.717	ug/L	99
40) 4-Methyl-2-pentanone	7.217	43	608870	107.274	ug/L	100
42) Toluene	7.381	91	642189	51.062	ug/L	97
44) trans-1,3-Dichloropropene	7.641	75	226054	52.449	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	150823	51.513	ug/L	97
46) Tetrachloroethene	7.966	164	102378	51.209	ug/L	99
48) 2-Hexanone	8.130	43	489601	113.262	ug/L	98
49) Dibromochloromethane	8.236	129	141906	52.358	ug/L	98
50) 1,2-Dibromoethane	8.342	107	153022	51.870	ug/L	98
51) Chlorobenzene	8.873	112	389240	50.543	ug/L	98
52) Ethylbenzene	9.005	91	703637	52.008	ug/L	100
53) m,p-Xylene	9.130	106	258285	52.342	ug/L	98
54) o-Xylene	9.535	106	257185	52.205	ug/L	98
55) Styrene	9.551	104	452070	53.510	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	273065	52.842	ug/L	100
59) Bromoform	9.722	173	90632	50.338	ug/L	99
60) Isopropylbenzene	9.924	105	684489	49.665	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	214873	49.856	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	583002	50.670	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	584069	51.026	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	297647	51.195	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	301579	50.909	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	305817	51.706	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	53382	48.617	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	216553	51.941	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	184903	51.825	ug/L	99
71) Naphthalene	13.490	128	587586	50.582	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	189672	52.522	ug/L	99

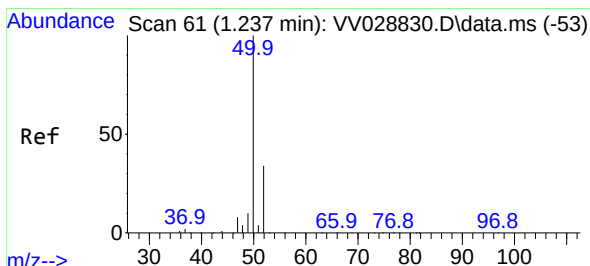
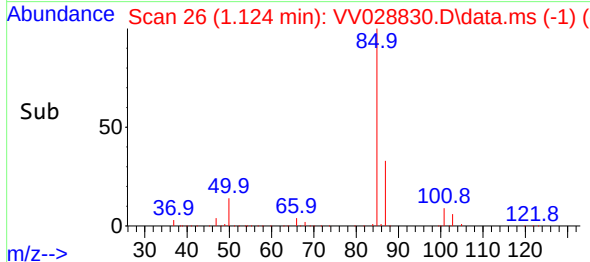
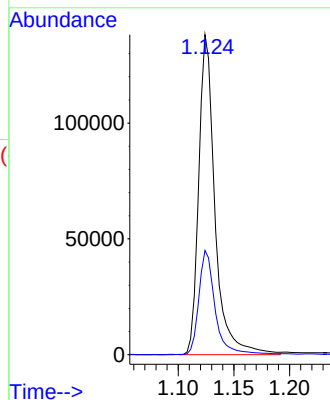
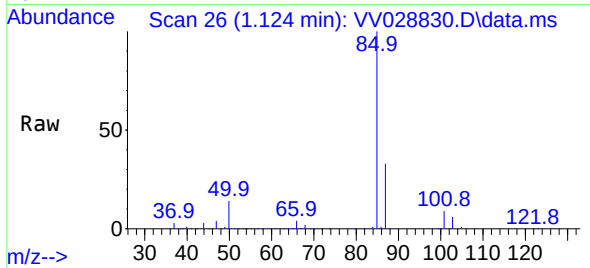
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 51.987 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV028830.D
 Acq: 02 Nov 2022 10:28

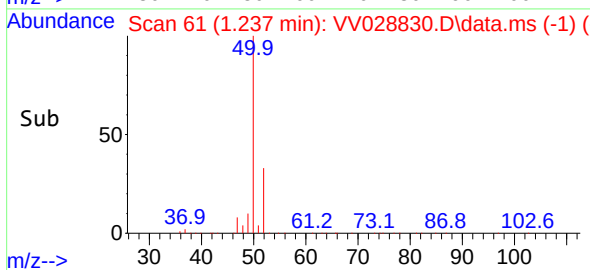
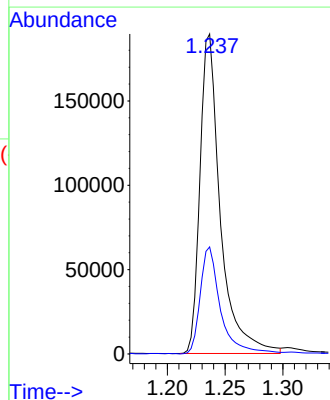
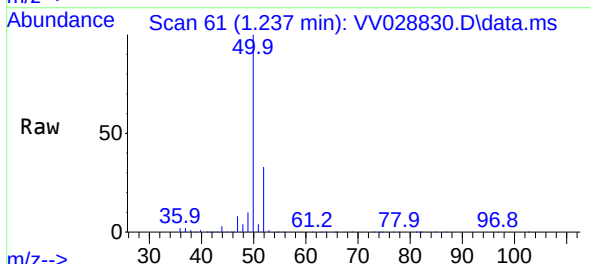
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050368

Tgt Ion: 85 Resp: 140179
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.4 38.0

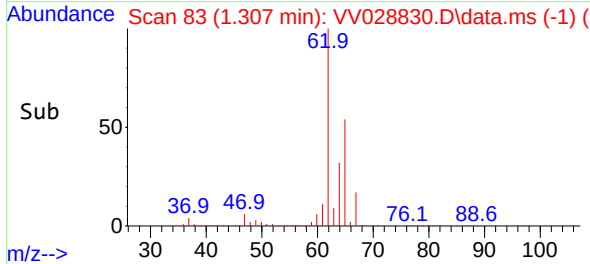
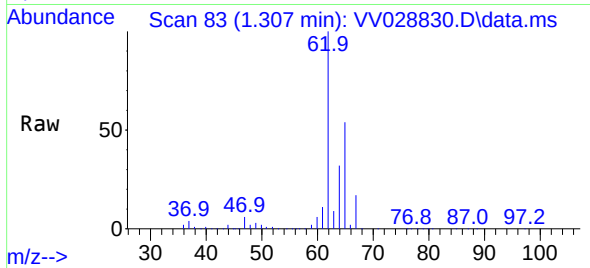
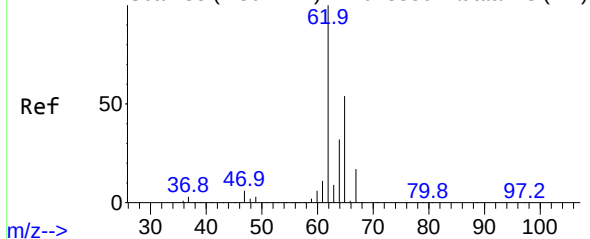


#3
 Chloromethane
 Concen: 51.879 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV028830.D
 Acq: 02 Nov 2022 10:28

Tgt Ion: 50 Resp: 232814
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.7 42.1



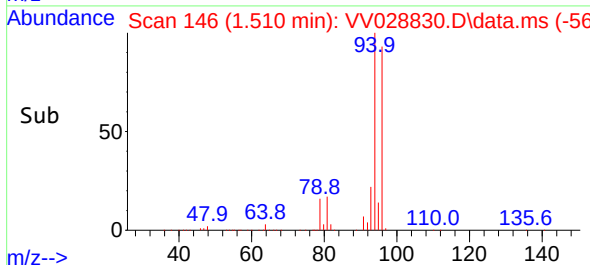
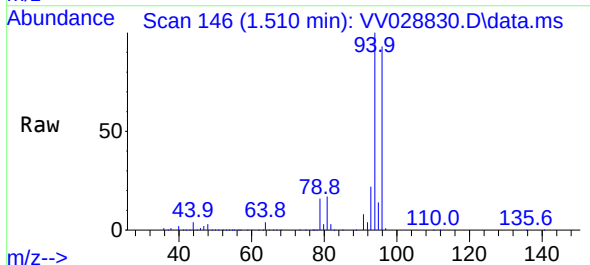
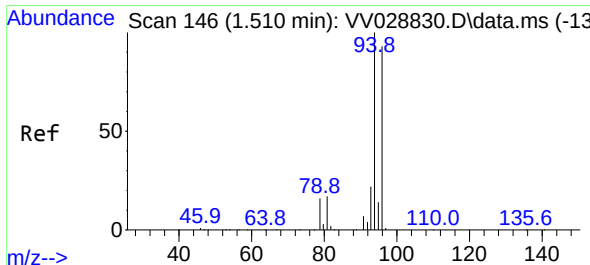
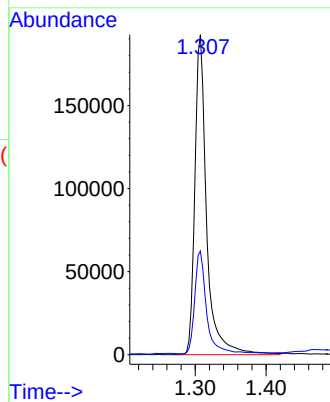
Abundance Scan 83 (1.307 min): VV028830.D\data.ms (-74)



#5
Vinyl chloride
Concen: 53.874 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

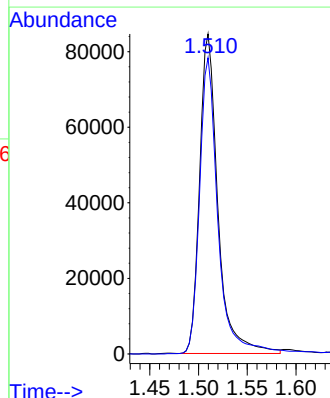
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

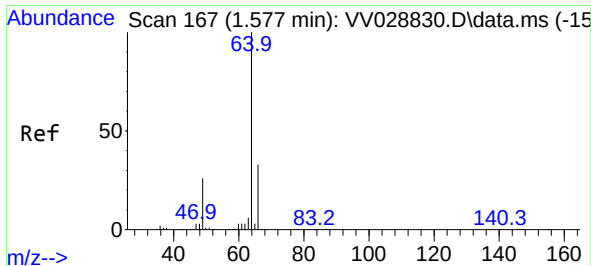
Tgt Ion: 62 Resp: 222076
Ion Ratio Lower Upper
62 100
64 32.4 23.2 43.0



#6
Bromomethane
Concen: 48.590 ug/L
RT: 1.510 min Scan# 146
Delta R.T. -0.010 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion: 94 Resp: 110515
Ion Ratio Lower Upper
94 100
96 92.5 67.6 125.6

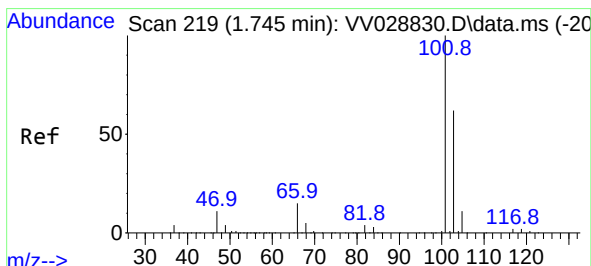
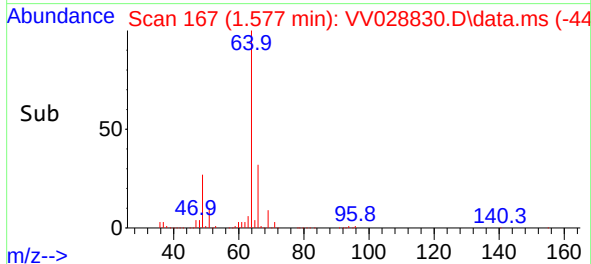
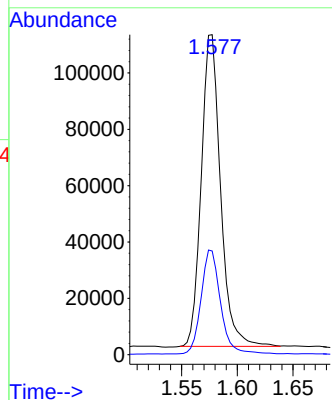
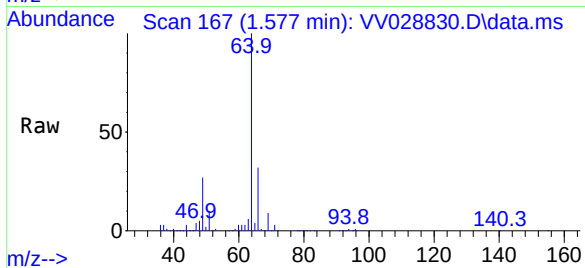




#8
Chloroethane
Concen: 50.440 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

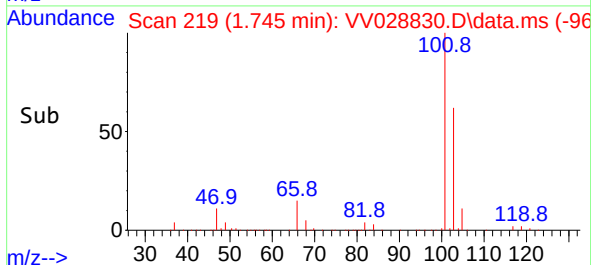
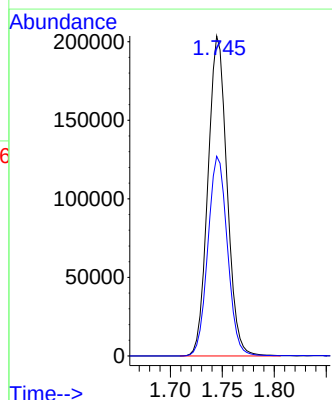
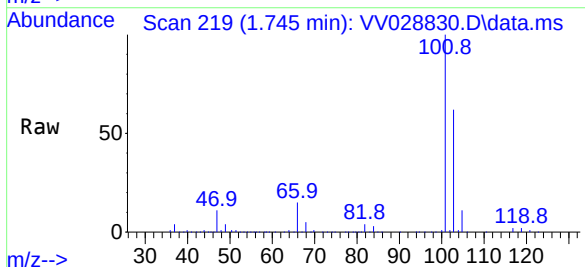
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MSVOA_V
ClientSampleId :
VSTD050368

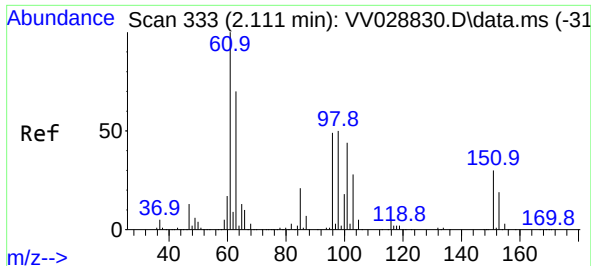
Tgt Ion: 64 Resp: 133516
Ion Ratio Lower Upper
64 100
66 32.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 53.037 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion:101 Resp: 259996
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

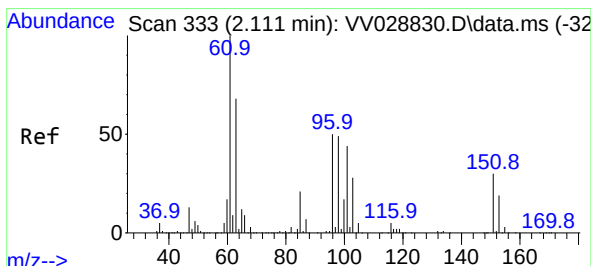
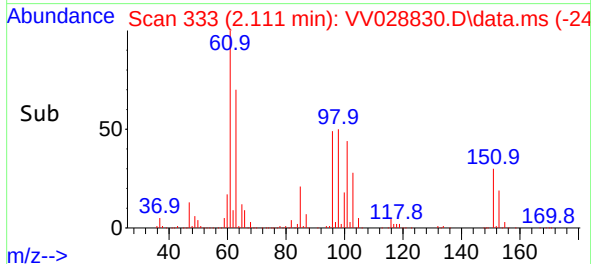
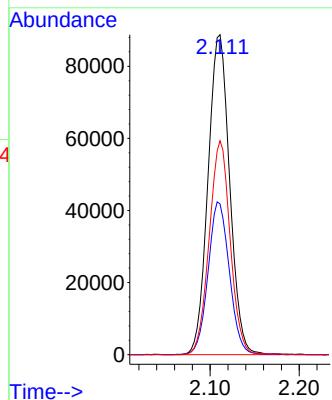
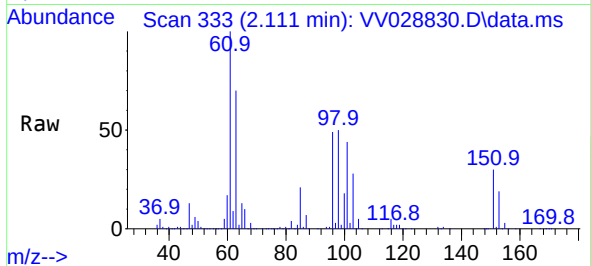




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.935 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

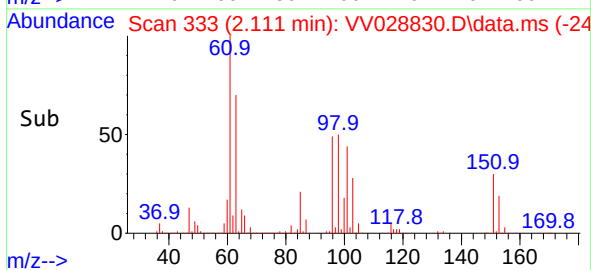
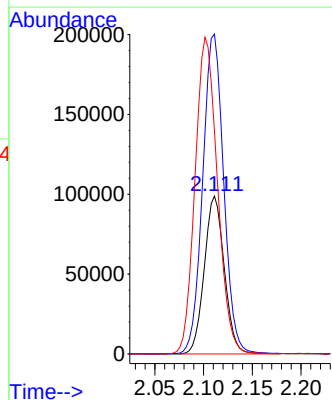
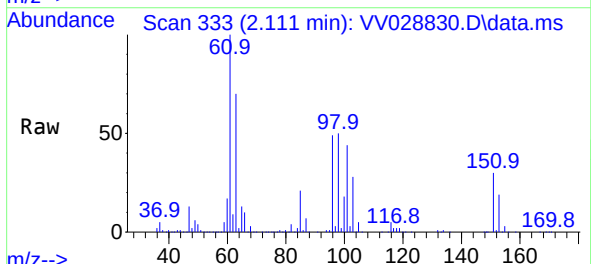
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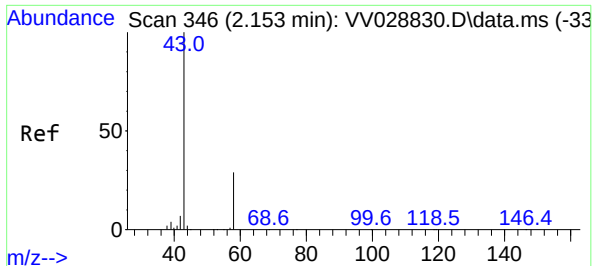
Tgt Ion:101 Resp: 149803
Ion Ratio Lower Upper
101 100
85 47.0 38.0 57.0
151 64.8 52.7 79.1



#12
1,1-Dichloroethene
Concen: 51.655 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion: 96 Resp: 141257
Ion Ratio Lower Upper
96 100
61 202.5 142.7 265.1
63 141.4 112.5 208.9





#13

Acetone

Concen: 133.278 ug/L

RT: 2.153 min Scan# 346

Delta R.T. -0.013 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

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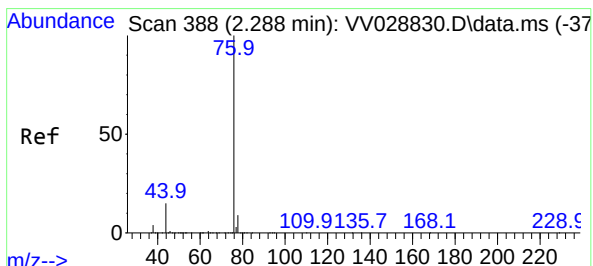
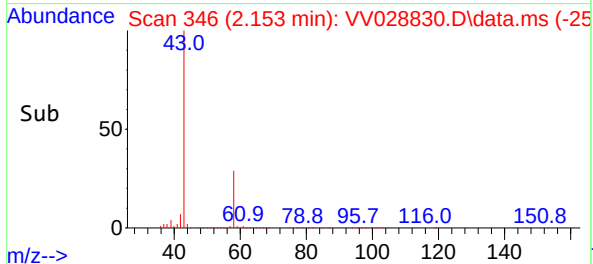
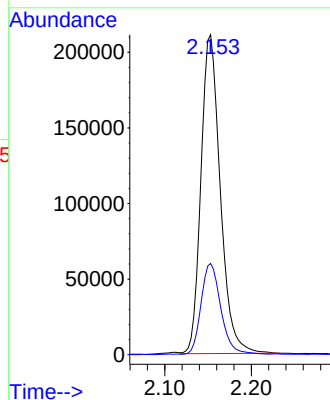
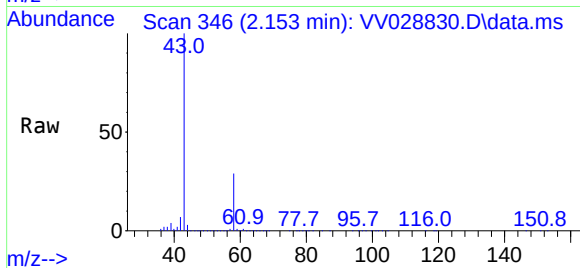
VSTD050368

Tgt Ion: 43 Resp: 326494

Ion Ratio Lower Upper

43 100

58 29.1 0.0 59.0



#14

Carbon disulfide

Concen: 49.545 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV028830.D

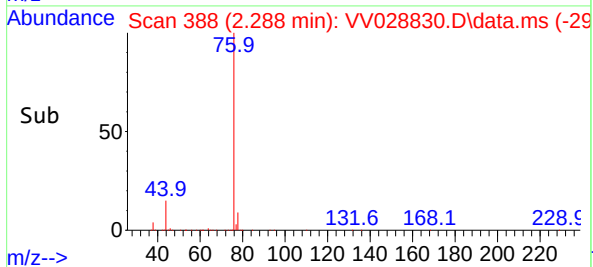
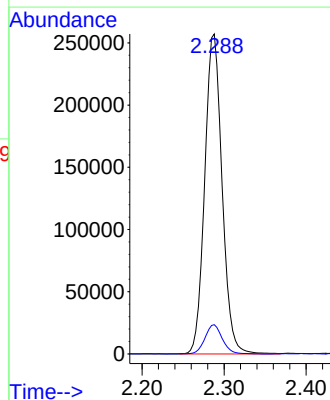
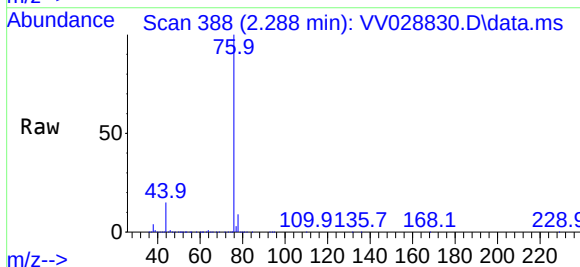
Acq: 02 Nov 2022 10:28

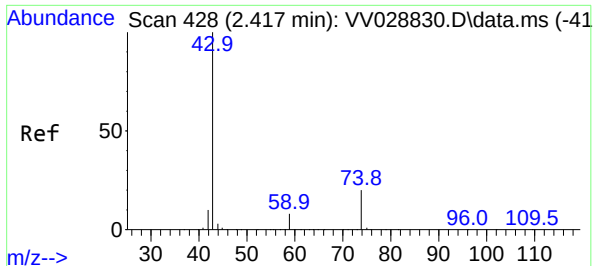
Tgt Ion: 76 Resp: 377926

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 54.386 ug/L

RT: 2.417 min Scan# 41

Delta R.T. -0.010 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

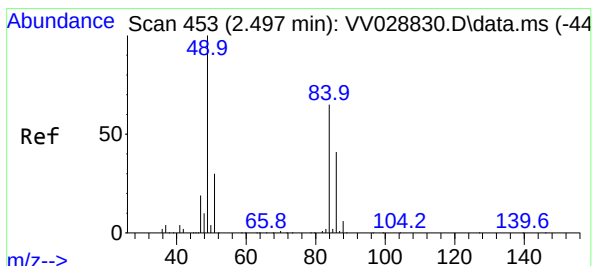
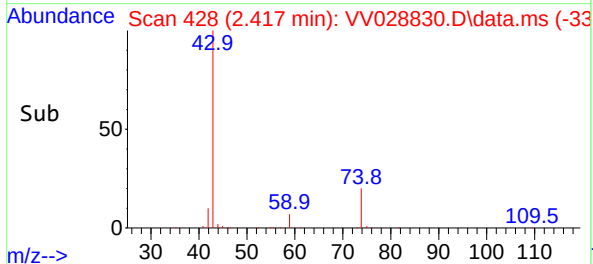
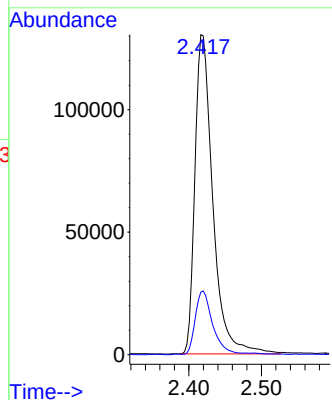
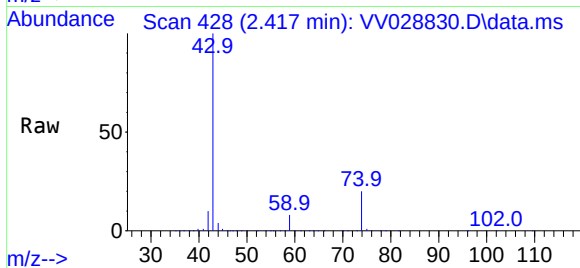
VSTD050368

Tgt Ion: 43 Resp: 223608

Ion Ratio Lower Upper

43 100

74 19.1 15.6 23.4



#16

Methylene chloride

Concen: 48.123 ug/L

RT: 2.497 min Scan# 453

Delta R.T. -0.003 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

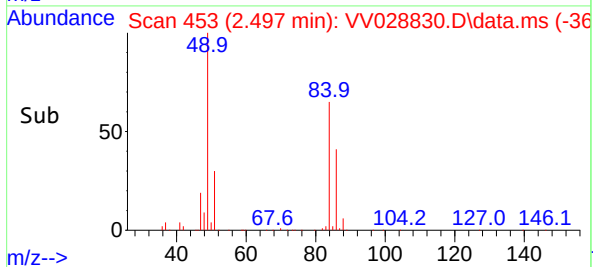
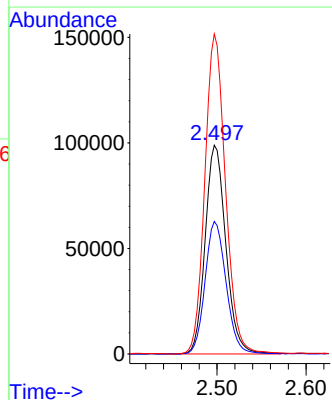
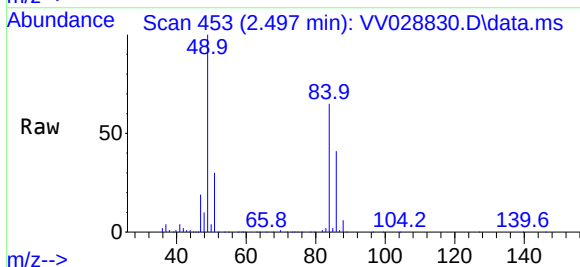
Tgt Ion: 84 Resp: 159672

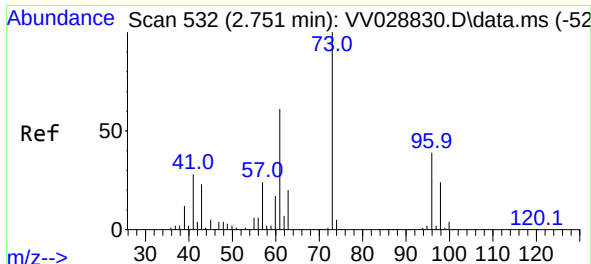
Ion Ratio Lower Upper

84 100

86 63.4 43.7 81.1

49 153.3 105.3 195.5

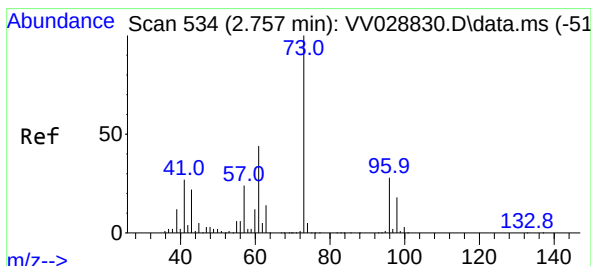
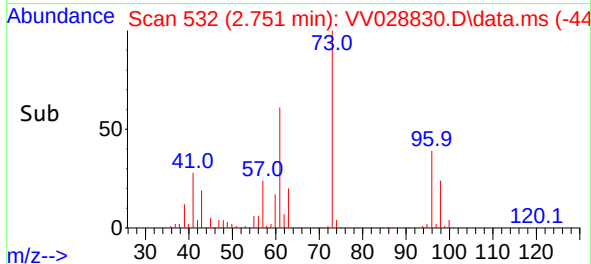
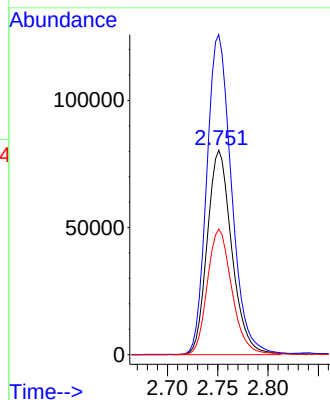
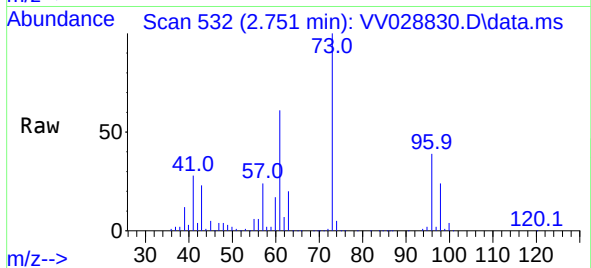




#17
trans-1,2-Dichloroethene
Concen: 51.696 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

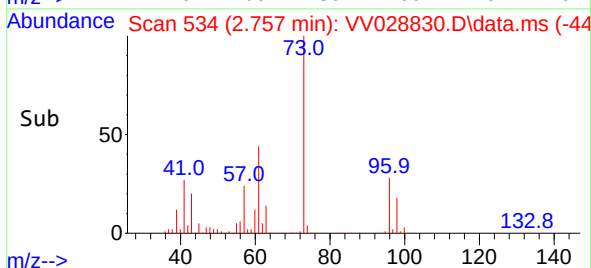
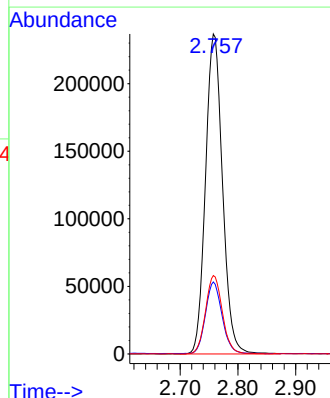
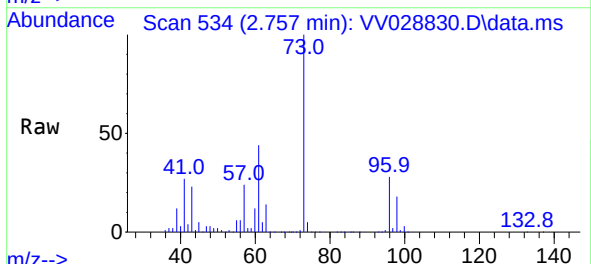
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

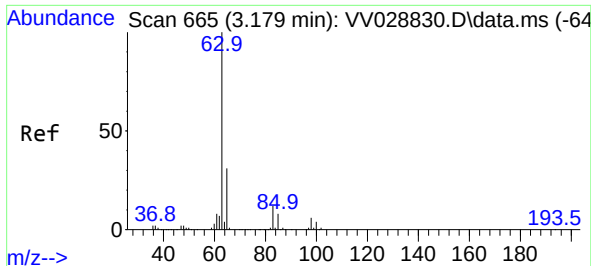
Tgt Ion: 96 Resp: 136745
Ion Ratio Lower Upper
96 100
61 156.5 109.4 203.2
98 61.4 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 53.022 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion: 73 Resp: 484493
Ion Ratio Lower Upper
73 100
43 21.6 17.1 25.7
57 24.2 19.3 28.9

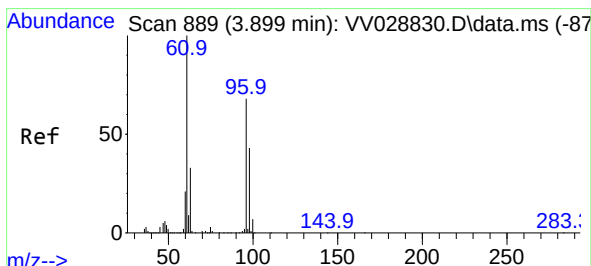
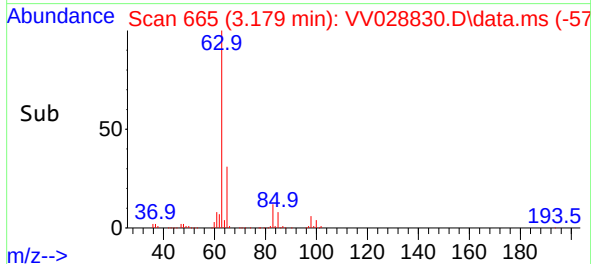
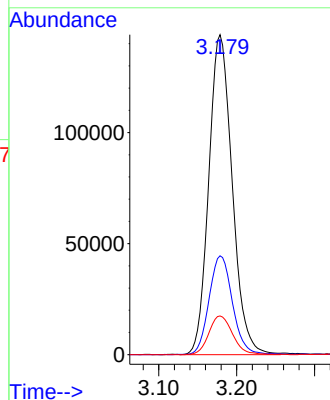
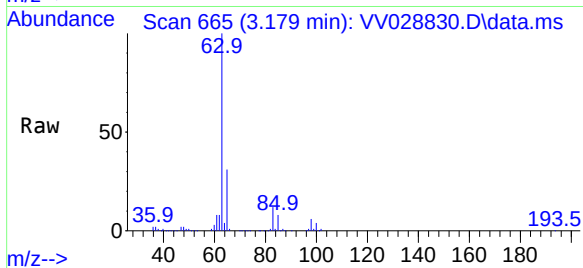




#19
1,1-Dichloroethane
Concen: 52.294 ug/L
RT: 3.179 min Scan# 665
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

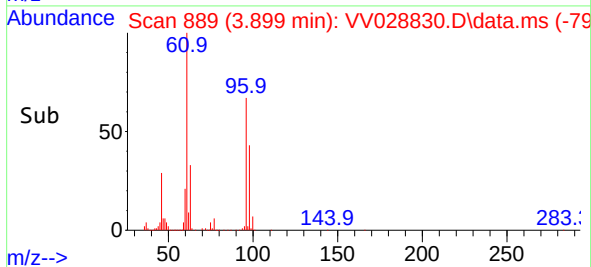
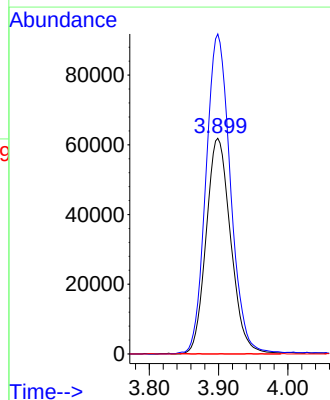
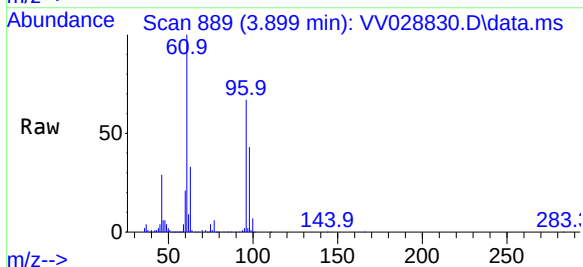
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

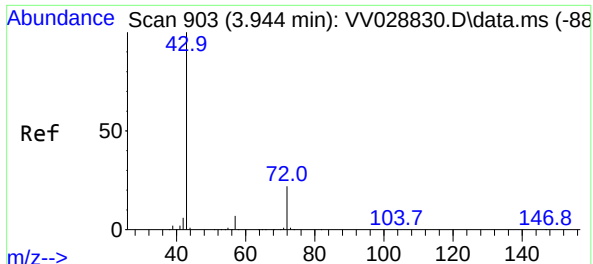
Tgt Ion: 63 Resp: 301400
Ion Ratio Lower Upper
63 100
65 30.9 22.5 41.9
83 12.1 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 52.200 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion: 96 Resp: 152350
Ion Ratio Lower Upper
96 100
61 148.3 102.3 190.1
68 0.0 0.1 0.3

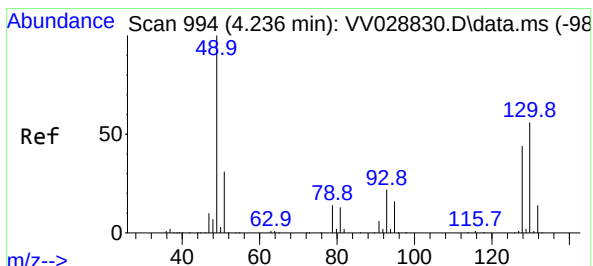
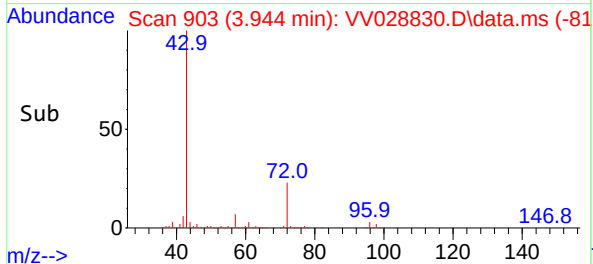
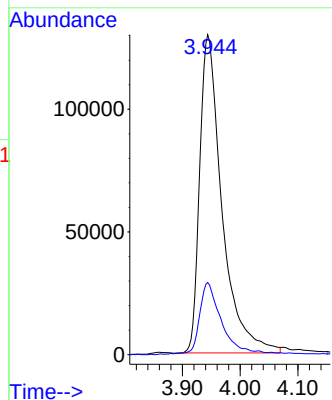
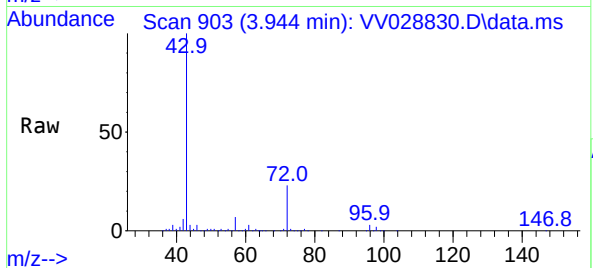




#22
2-Butanone
Concen: 115.683 ug/L
RT: 3.944 min Scan# 903
Delta R.T. -0.013 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

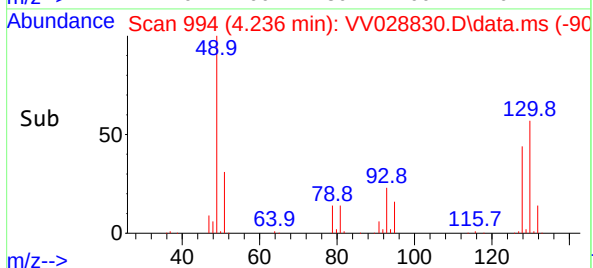
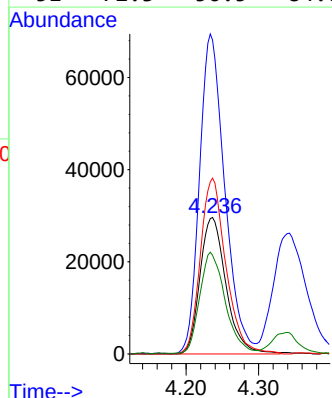
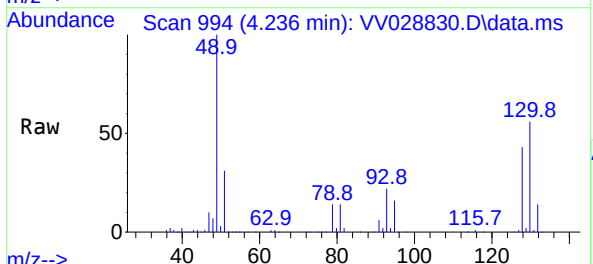
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

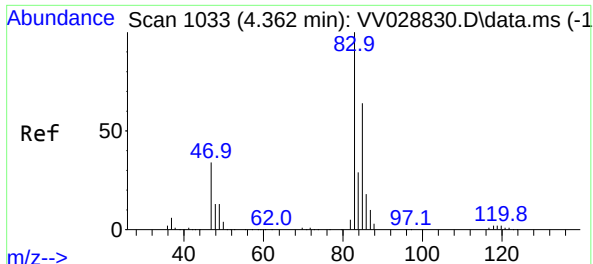
Tgt Ion: 43 Resp: 348148
Ion Ratio Lower Upper
43 100
72 21.1 10.0 30.0



#23
Bromochloromethane
Concen: 53.189 ug/L
RT: 4.236 min Scan# 994
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion: 128 Resp: 73886
Ion Ratio Lower Upper
128 100
49 230.0 161.8 300.6
130 128.8 89.9 166.9
51 72.3 56.5 84.7





#25

Chloroform

Concen: 52.304 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

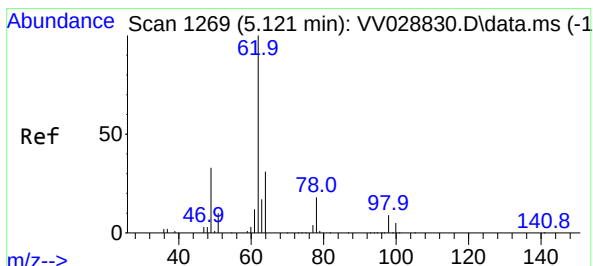
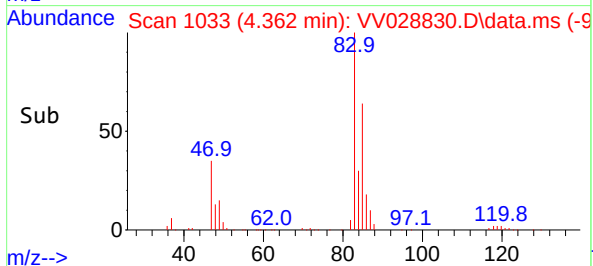
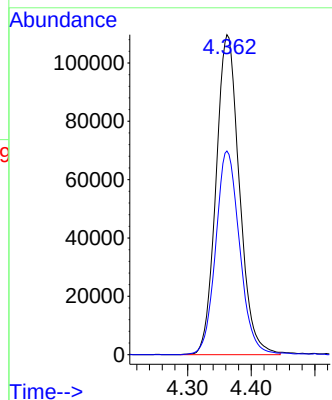
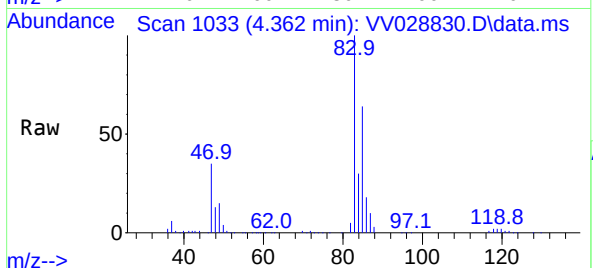
VSTD050368

Tgt Ion: 83 Resp: 280032

Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1



#27

1,2-Dichloroethane

Concen: 53.406 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VV028830.D

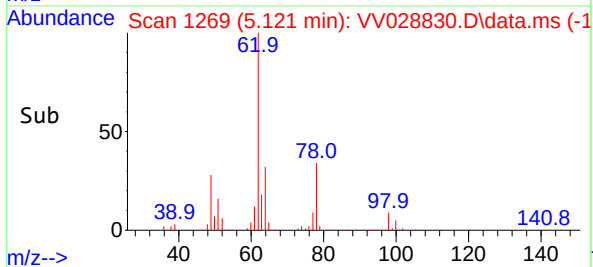
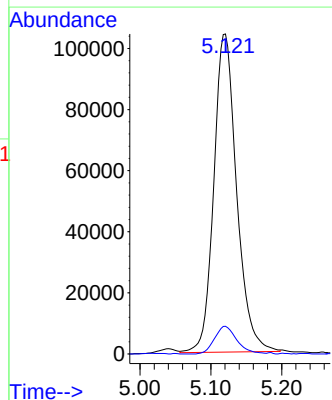
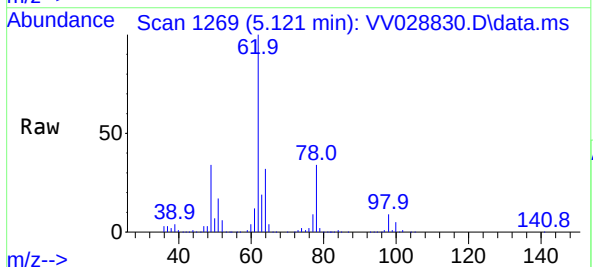
Acq: 02 Nov 2022 10:28

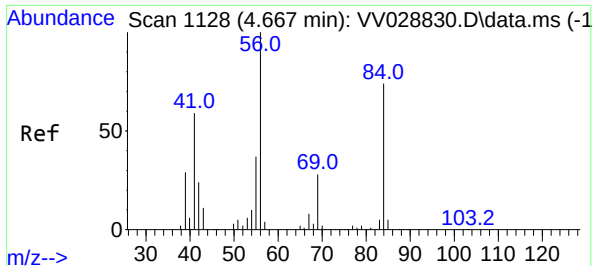
Tgt Ion: 62 Resp: 233506

Ion Ratio Lower Upper

62 100

98 8.6 6.9 10.3





#29

Cyclohexane

Concen: 50.997 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050368

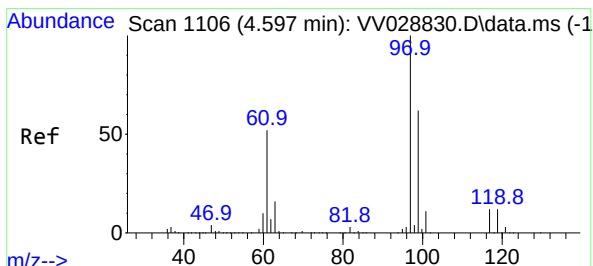
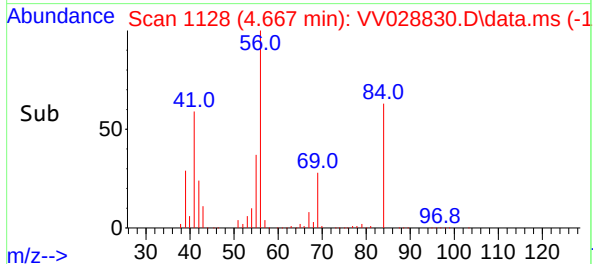
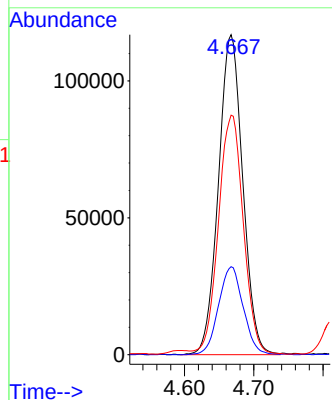
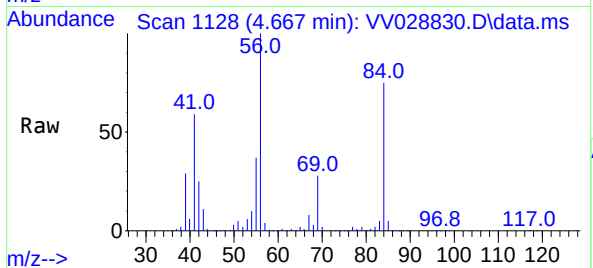
Tgt Ion: 56 Resp: 285100

Ion Ratio Lower Upper

56 100

69 27.9 22.2 33.2

84 76.6 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 50.390 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

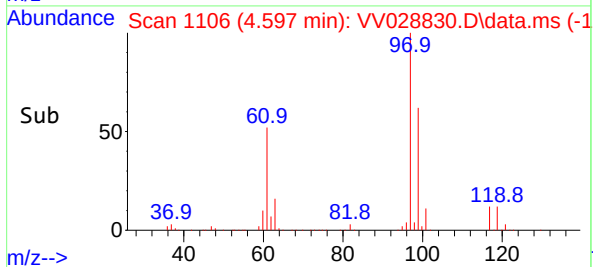
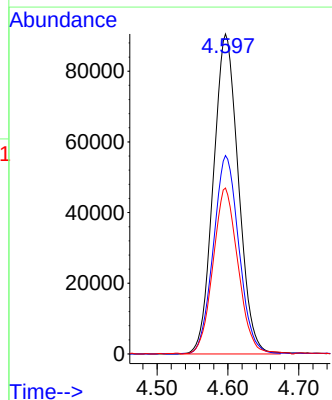
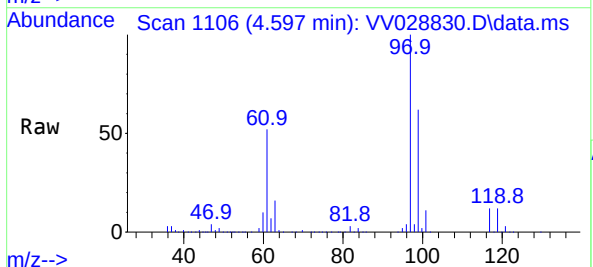
Tgt Ion: 97 Resp: 222541

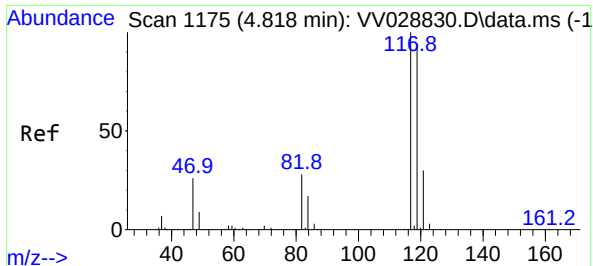
Ion Ratio Lower Upper

97 100

99 63.1 50.2 75.4

61 51.4 40.2 60.4

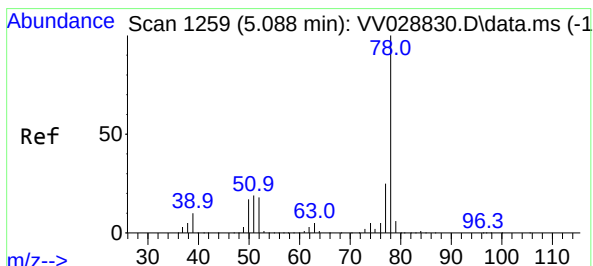
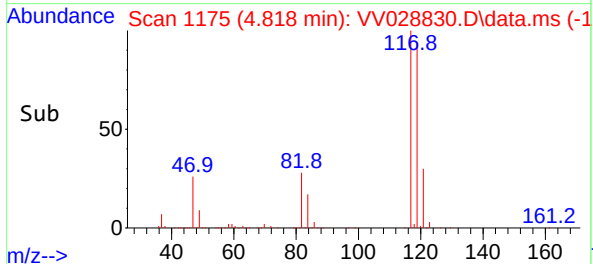
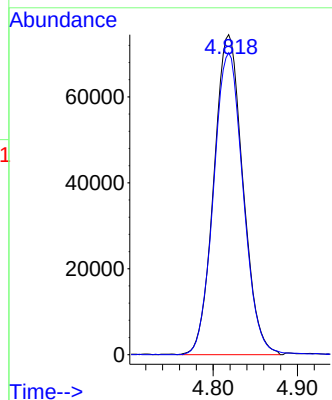
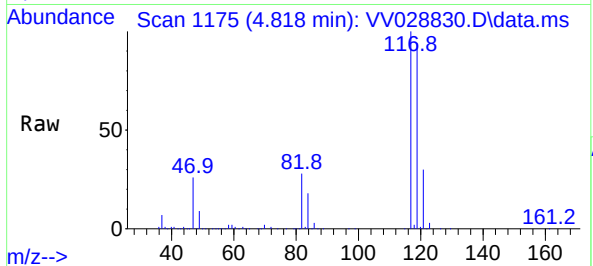




#31
Carbon tetrachloride
Concen: 50.502 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

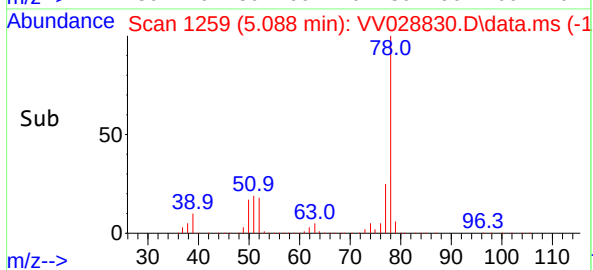
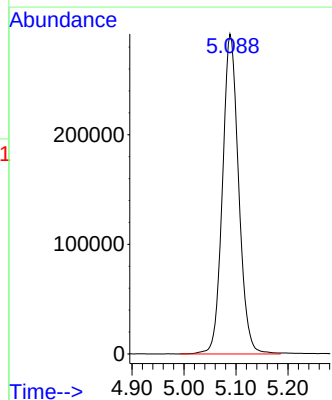
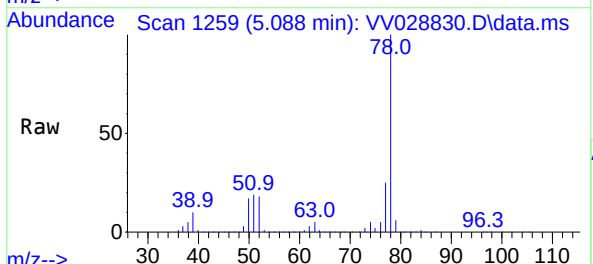
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

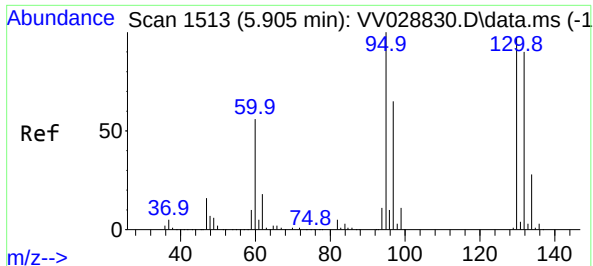
Tgt Ion:117 Resp: 178198
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1



#33
Benzene
Concen: 51.203 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion: 78 Resp: 631579

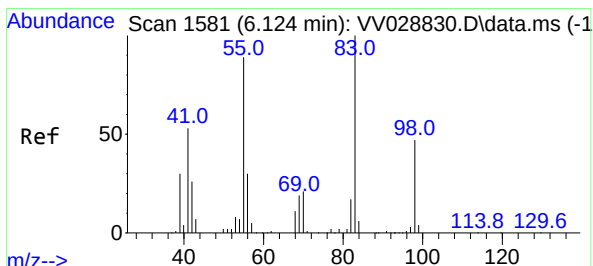
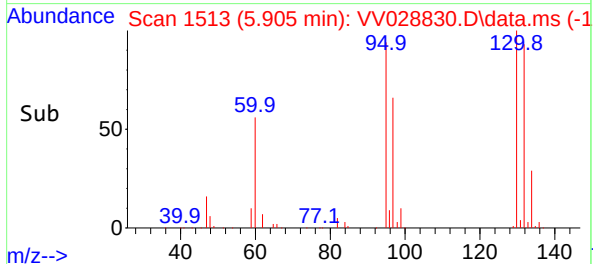
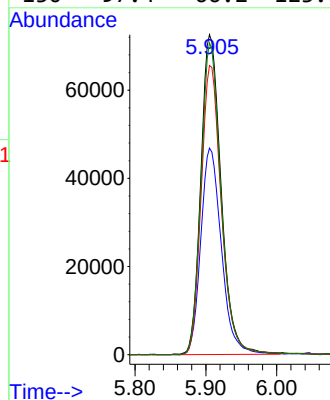
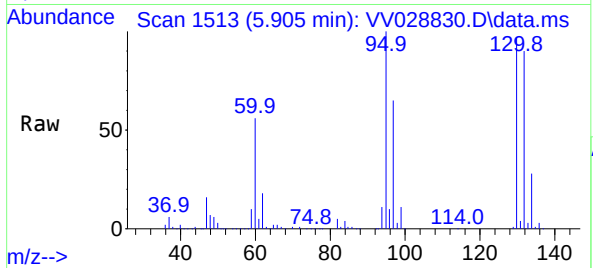




#34
Trichloroethene
Concen: 50.071 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

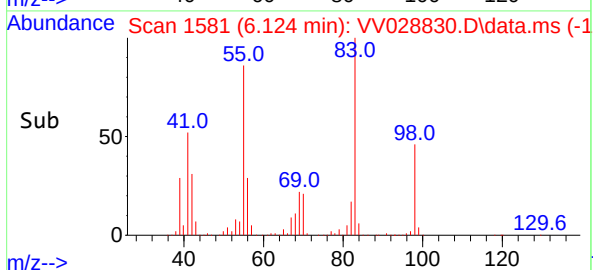
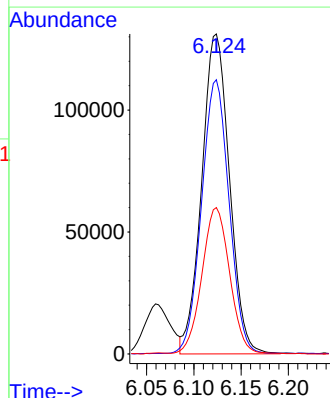
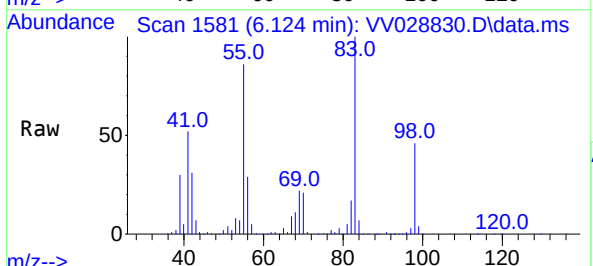
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

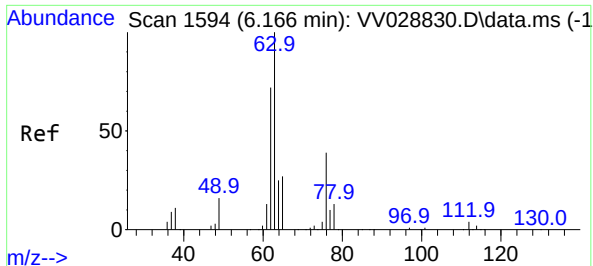
Tgt Ion: 95 Resp: 144431
Ion Ratio Lower Upper
95 100
97 64.6 46.2 85.8
132 90.3 63.2 117.4
130 97.4 66.2 123.0



#35
Methylcyclohexane
Concen: 52.428 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion: 83 Resp: 268230
Ion Ratio Lower Upper
83 100
55 84.6 69.4 104.2
98 45.8 37.0 55.4





#37

1,2-Dichloropropane

Concen: 51.904 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

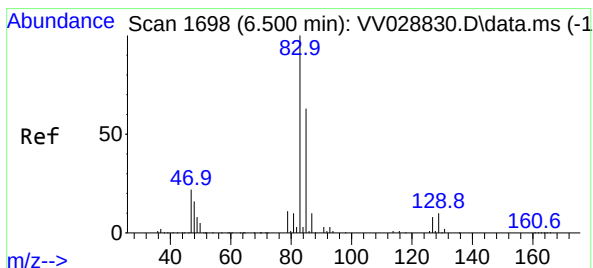
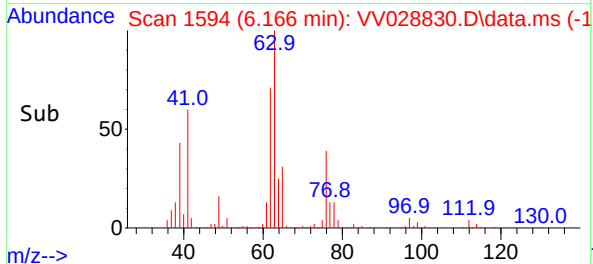
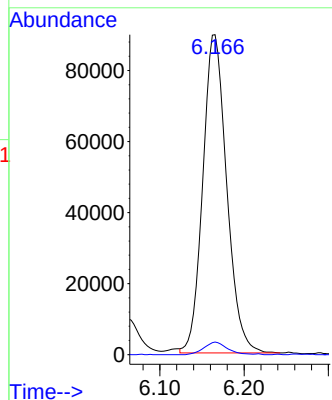
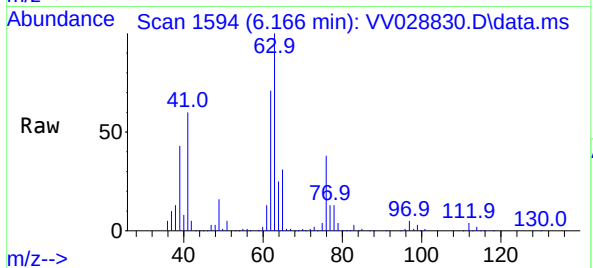
VSTD050368

Tgt Ion: 63 Resp: 177138

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 52.204 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

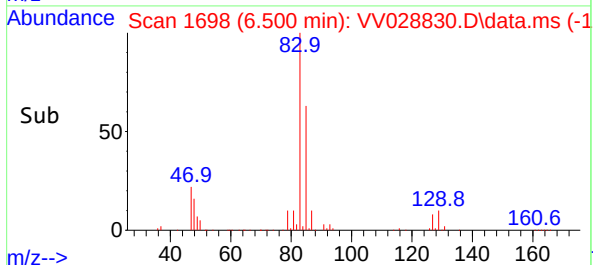
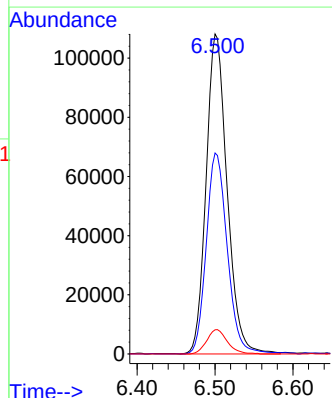
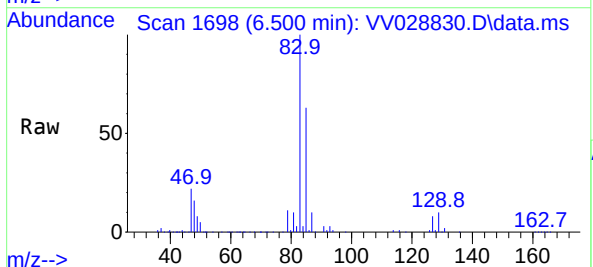
Tgt Ion: 83 Resp: 202405

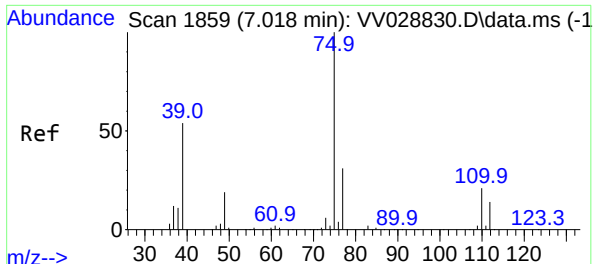
Ion Ratio Lower Upper

83 100

85 62.8 44.3 82.3

127 8.4 5.8 8.8

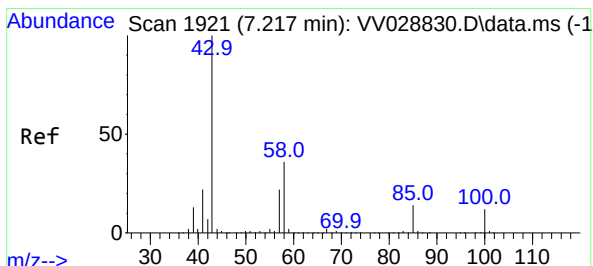
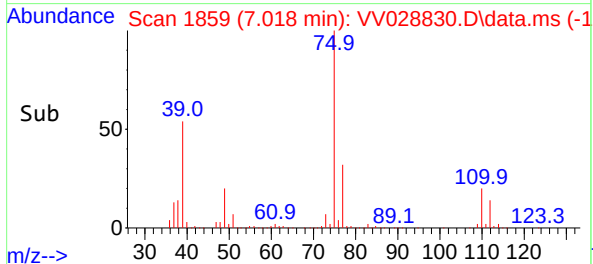
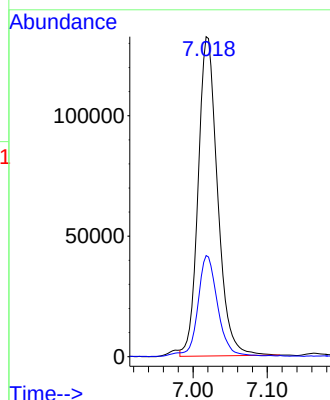
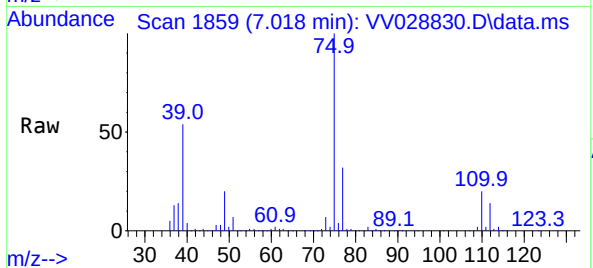




#39
 cis-1,3-Dichloropropene
 Concen: 51.717 ug/L
 RT: 7.018 min Scan# 1859
 Delta R.T. -0.003 min
 Lab File: VV028830.D
 Acq: 02 Nov 2022 10:28

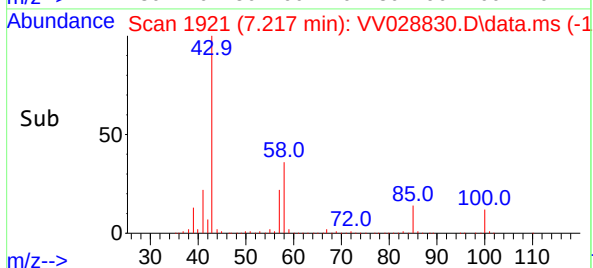
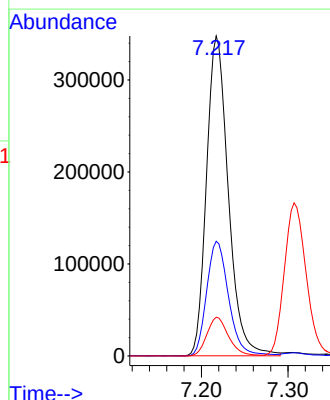
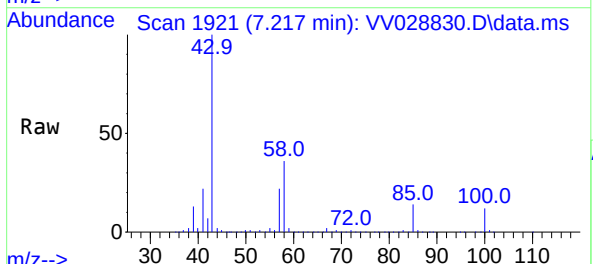
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050368

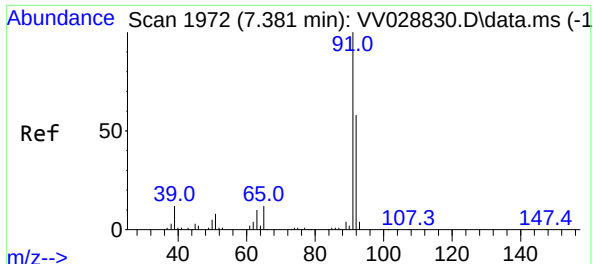
Tgt Ion: 75 Resp: 241045
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 107.274 ug/L
 RT: 7.217 min Scan# 1921
 Delta R.T. -0.003 min
 Lab File: VV028830.D
 Acq: 02 Nov 2022 10:28

Tgt Ion: 43 Resp: 608870
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.1 43.7
 100 12.0 9.5 14.3





#42

Toluene

Concen: 51.062 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

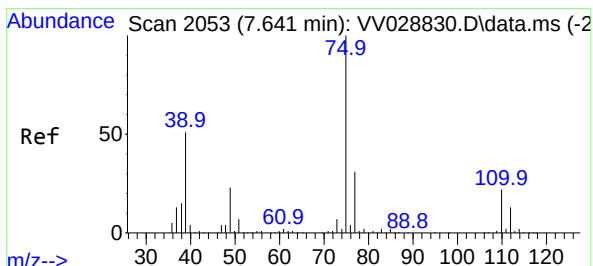
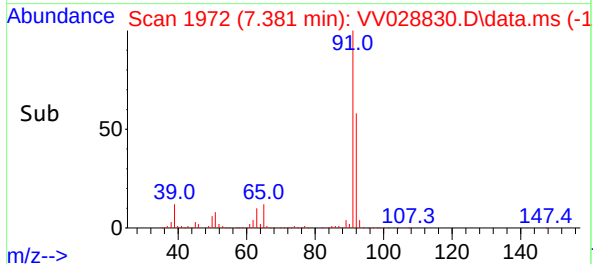
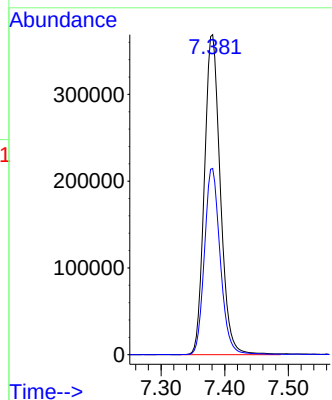
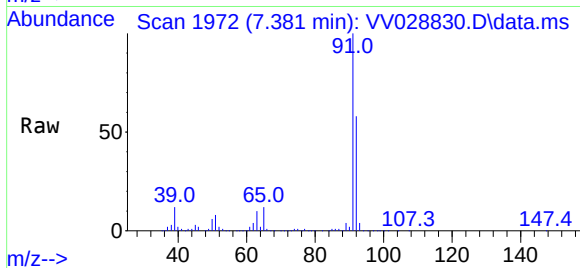
VSTD050368

Tgt Ion: 91 Resp: 642189

Ion Ratio Lower Upper

91 100

92 58.2 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 52.449 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.003 min

Lab File: VV028830.D

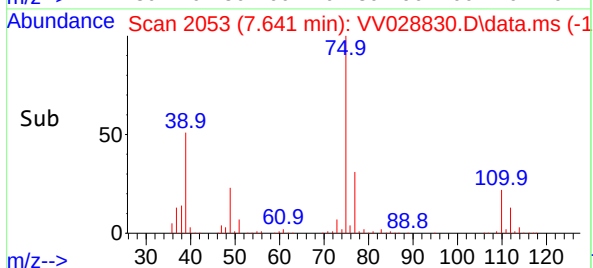
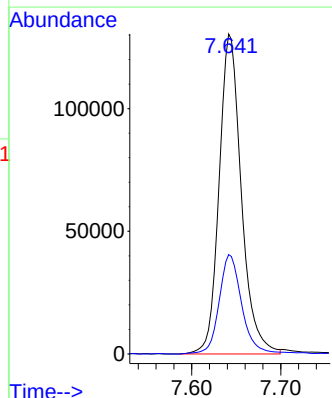
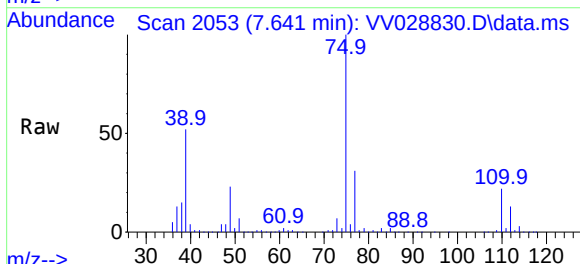
Acq: 02 Nov 2022 10:28

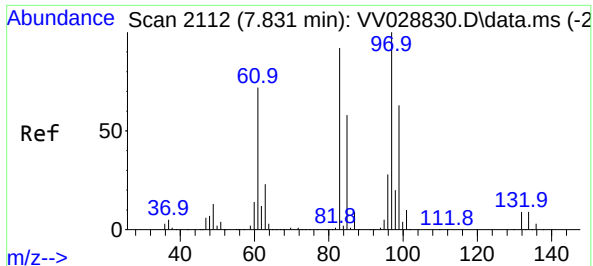
Tgt Ion: 75 Resp: 226054

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



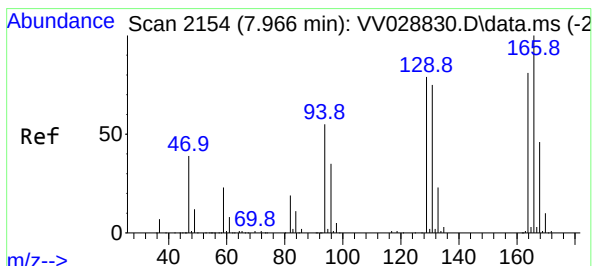
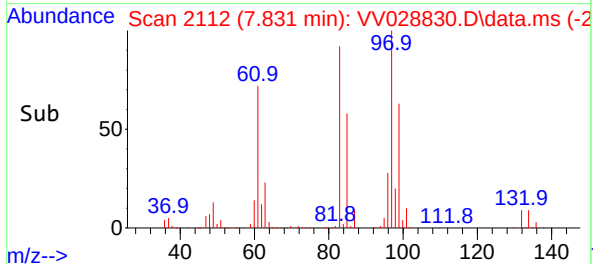
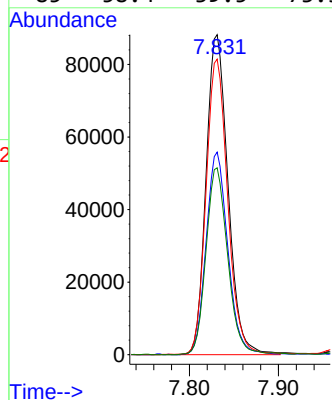
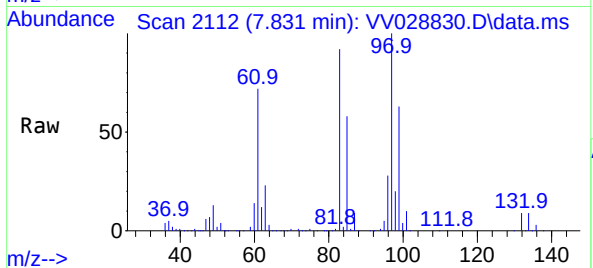


#45
1,1,2-Trichloroethane
Concen: 51.513 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

Tgt Ion: 97 Resp: 150823

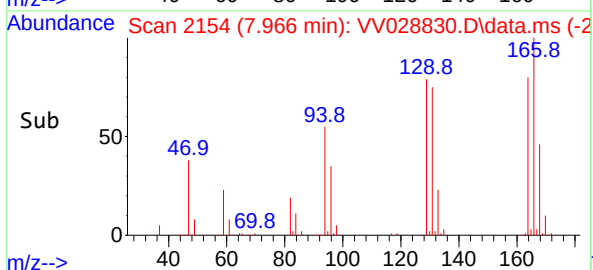
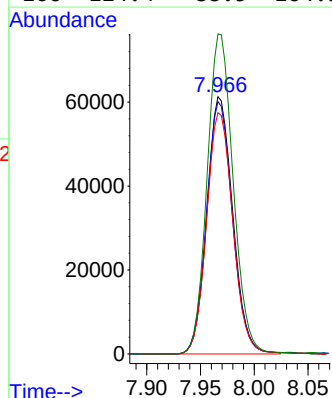
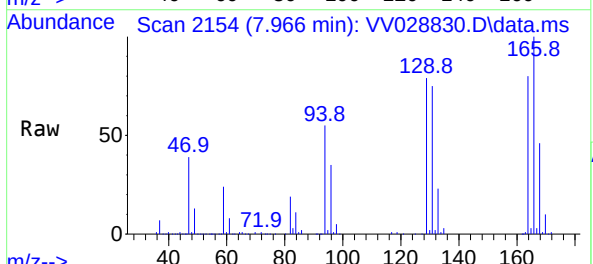
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.9	79.7
83	92.3	62.7	116.5
85	58.4	39.5	73.3

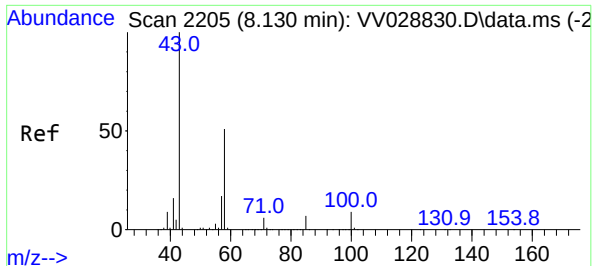


#46
Tetrachloroethene
Concen: 51.209 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion: 164 Resp: 102378

Ion	Ratio	Lower	Upper
164	100		
129	98.1	69.5	129.1
131	93.8	66.4	123.2
166	124.4	88.5	164.3





#48

2-Hexanone

Concen: 113.262 ug/L

RT: 8.130 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050368

Tgt Ion: 43 Resp: 489601

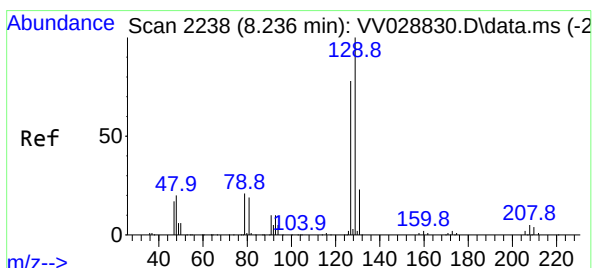
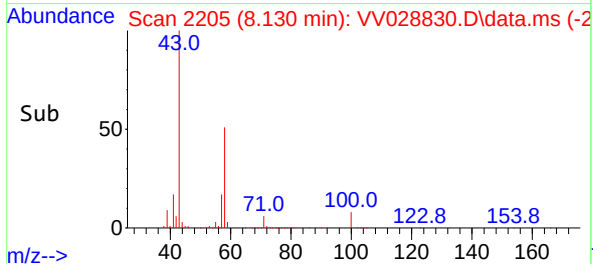
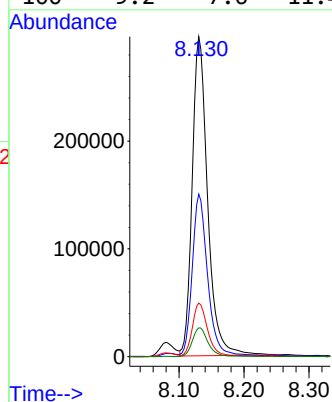
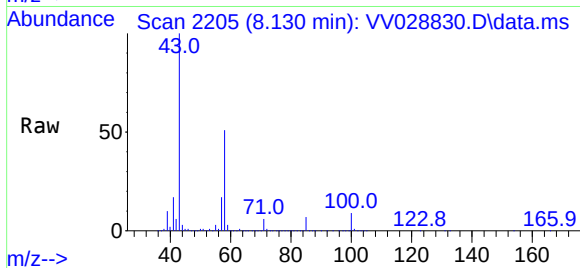
Ion Ratio Lower Upper

43 100

58 50.5 41.4 62.0

57 16.6 13.8 20.6

100 9.2 7.6 11.4



#49

Dibromochloromethane

Concen: 52.358 ug/L

RT: 8.236 min Scan# 2238

Delta R.T. -0.003 min

Lab File: VV028830.D

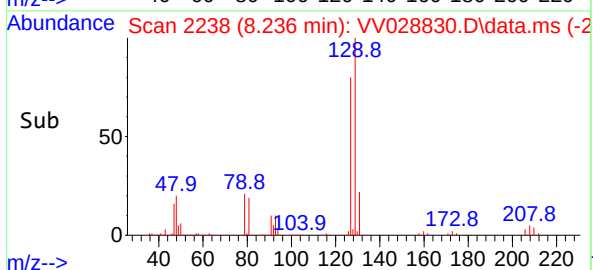
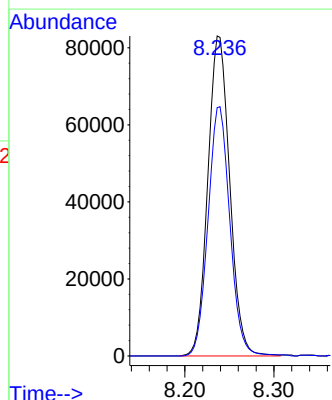
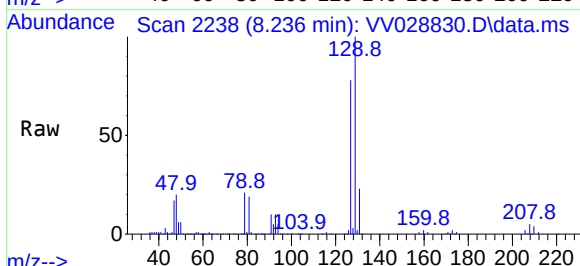
Acq: 02 Nov 2022 10:28

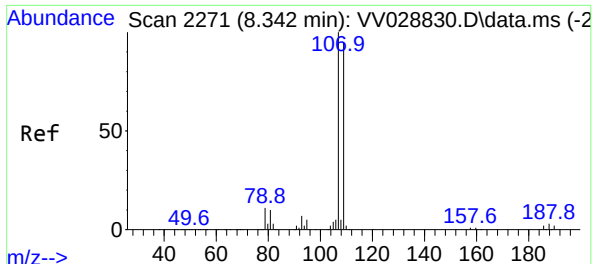
Tgt Ion: 129 Resp: 141906

Ion Ratio Lower Upper

129 100

127 77.6 55.3 102.7

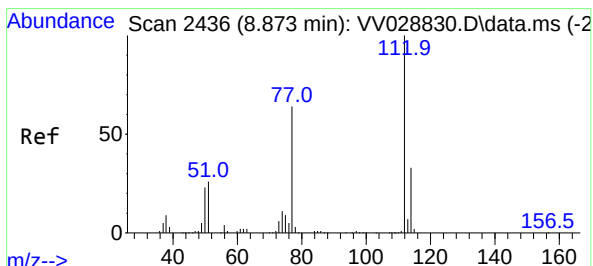
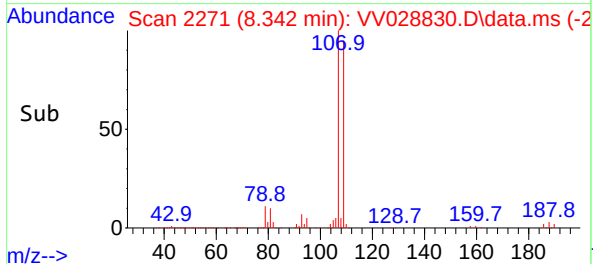
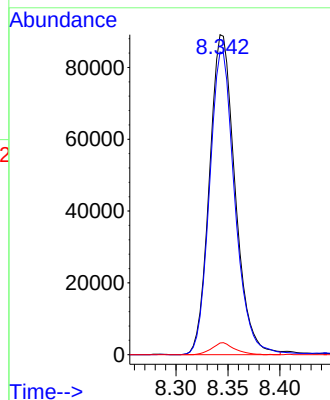
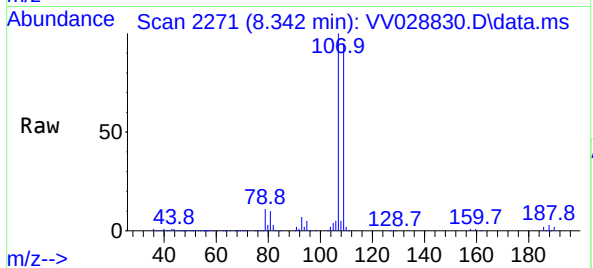




#50
1,2-Dibromoethane
Concen: 51.870 ug/L
RT: 8.342 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

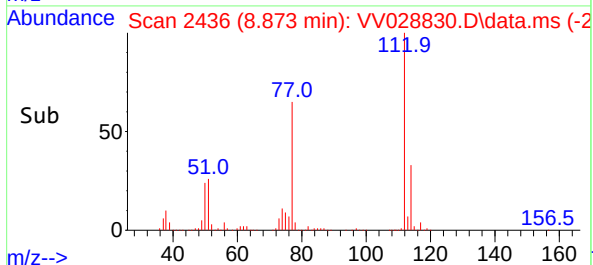
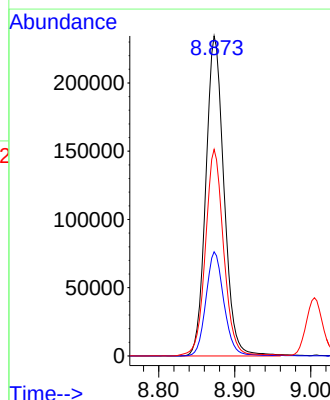
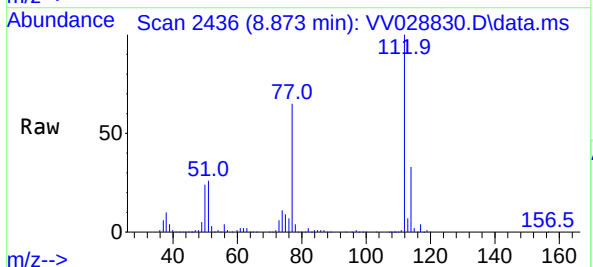
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

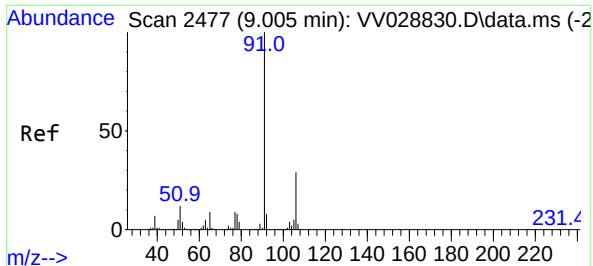
Tgt Ion:107 Resp: 153022
Ion Ratio Lower Upper
107 100
109 94.6 65.2 121.0
188 3.6 2.6 4.0



#51
Chlorobenzene
Concen: 50.543 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion:112 Resp: 389240
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.5
77 64.6 50.6 75.8

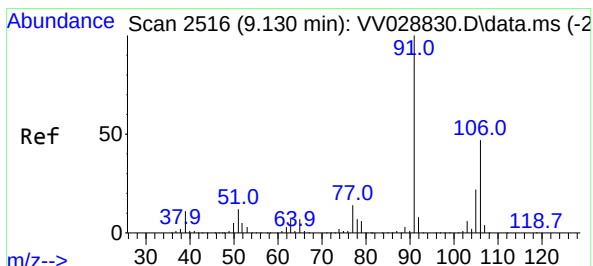
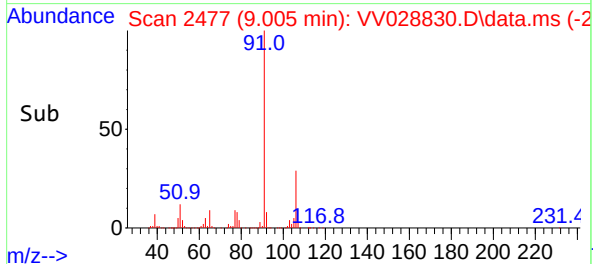
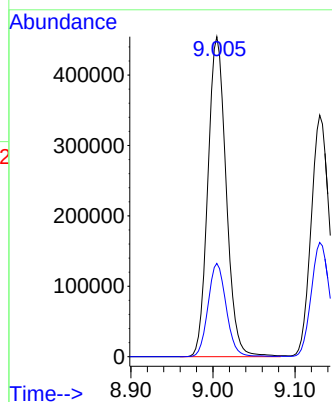
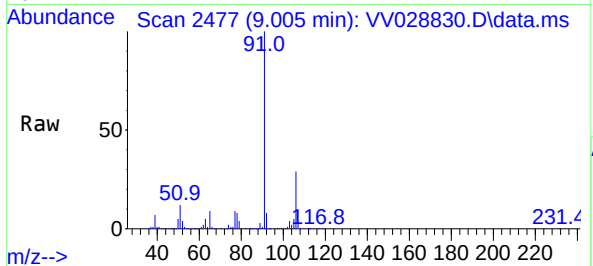




#52
Ethylbenzene
Concen: 52.008 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

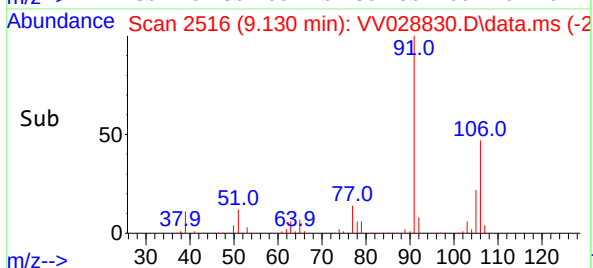
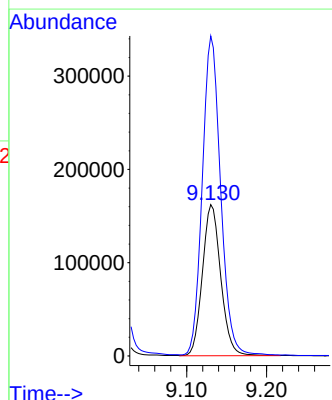
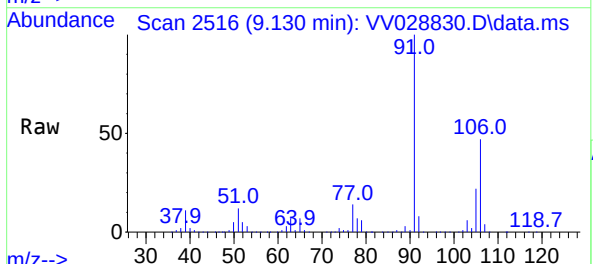
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

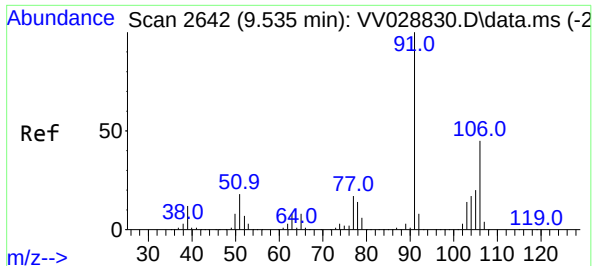
Tgt Ion: 91 Resp: 703637
Ion Ratio Lower Upper
91 100
106 29.2 20.4 38.0



#53
m,p-Xylene
Concen: 52.342 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion: 106 Resp: 258285
Ion Ratio Lower Upper
106 100
91 211.3 146.2 271.6

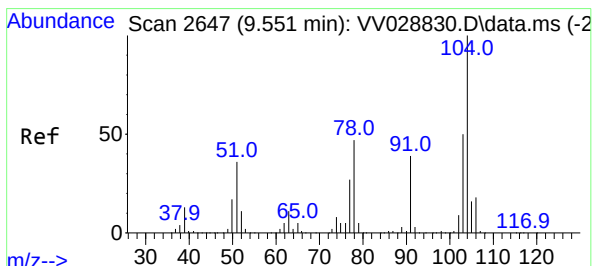
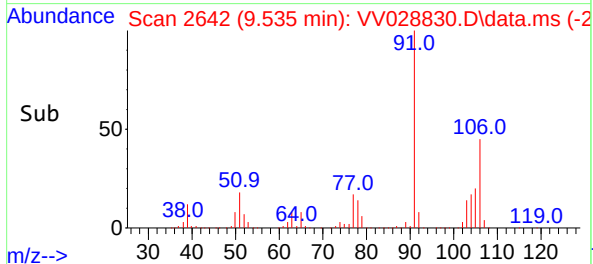
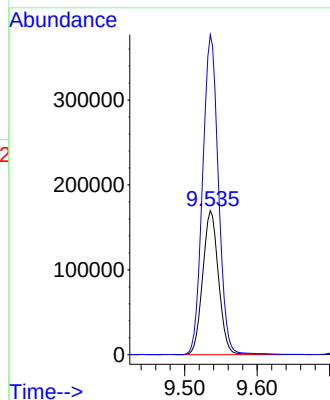
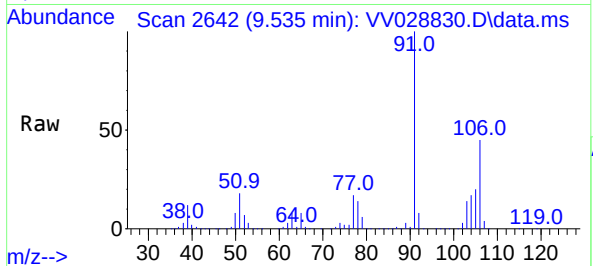




#54
o-Xylene
Concen: 52.205 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

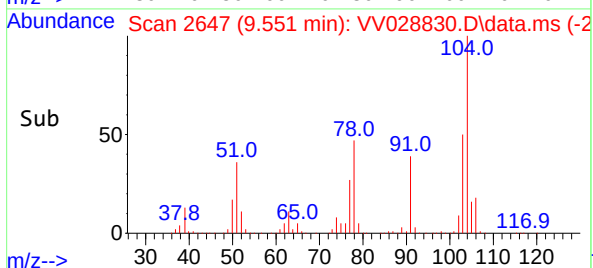
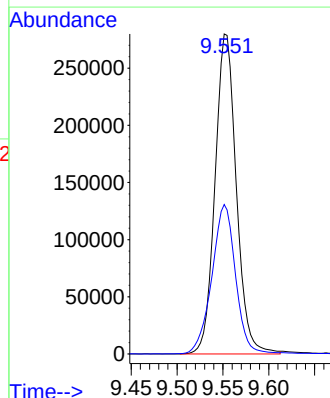
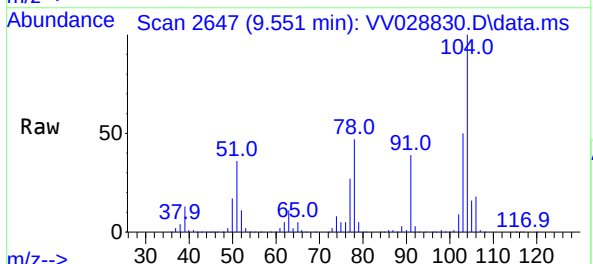
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

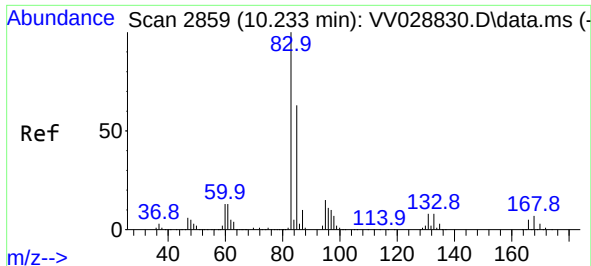
Tgt Ion:106 Resp: 257185
Ion Ratio Lower Upper
106 100
91 222.1 158.1 293.7



#55
Styrene
Concen: 53.510 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion:104 Resp: 452070
Ion Ratio Lower Upper
104 100
78 46.7 31.9 59.3

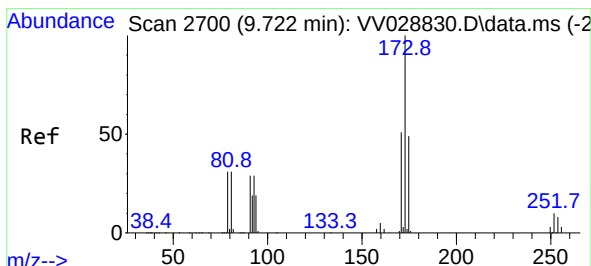
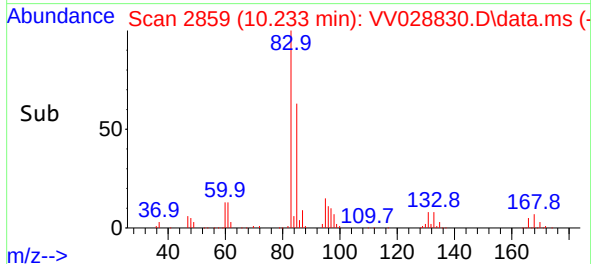
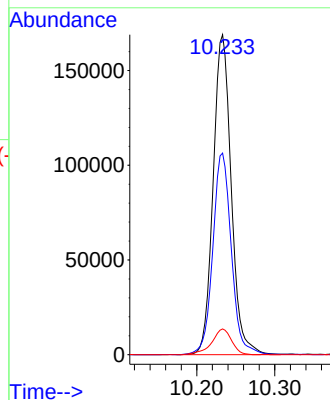
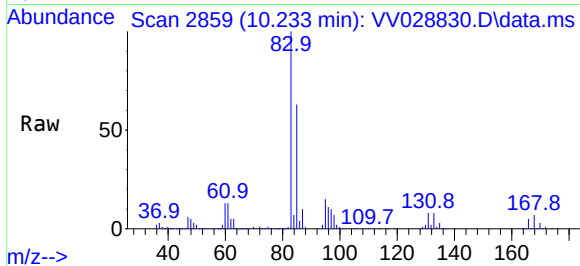




#57
1,1,2,2-Tetrachloroethane
Concen: 52.842 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

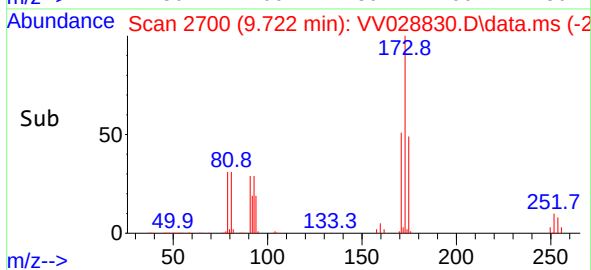
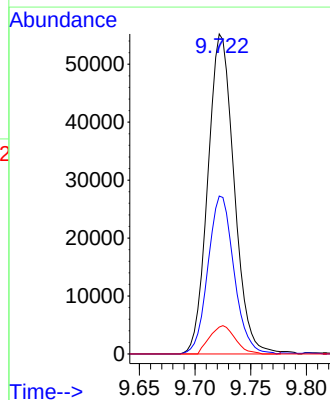
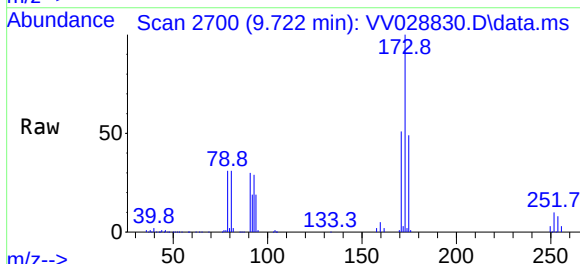
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

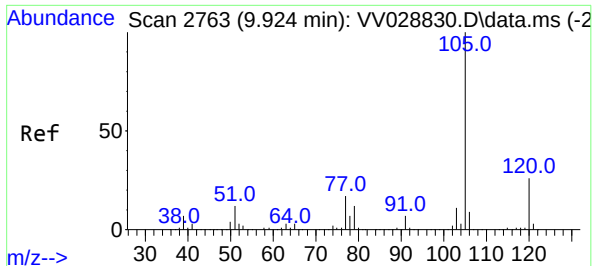
Tgt Ion: 83 Resp: 273065
Ion Ratio Lower Upper
83 100
85 63.0 44.4 82.4
131 8.0 6.5 9.7



#59
Bromoform
Concen: 50.338 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion: 173 Resp: 90632
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 8.5 7.2 10.8

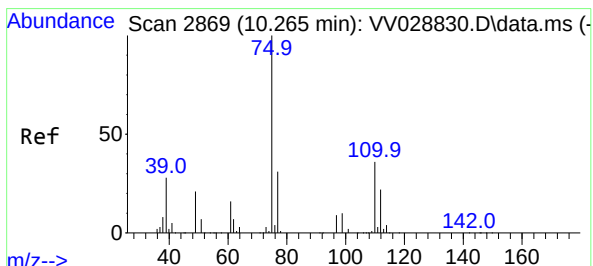
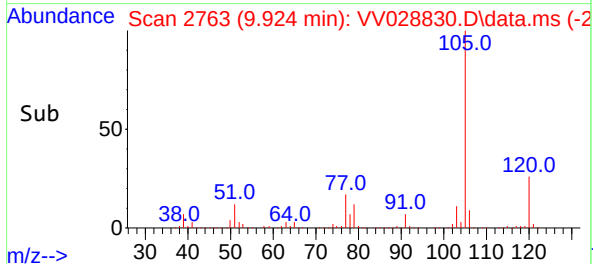
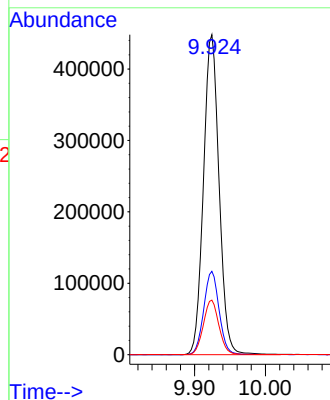
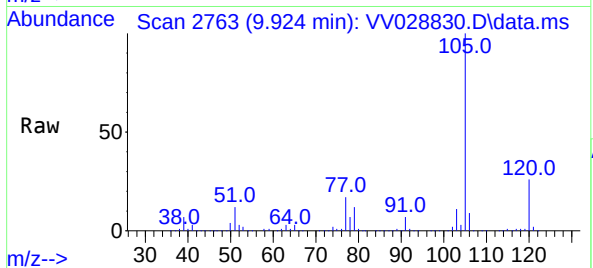




#60
Isopropylbenzene
Concen: 49.665 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

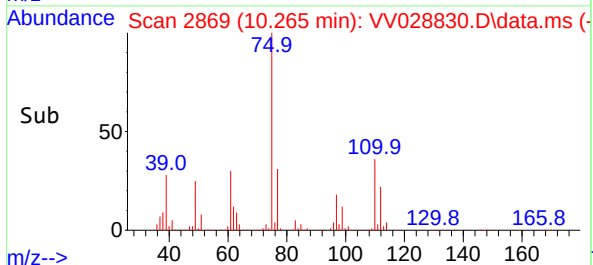
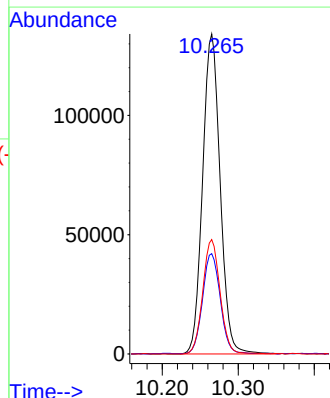
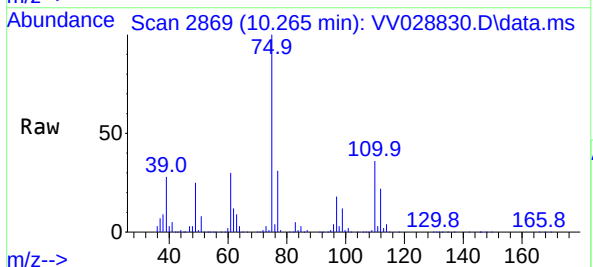
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

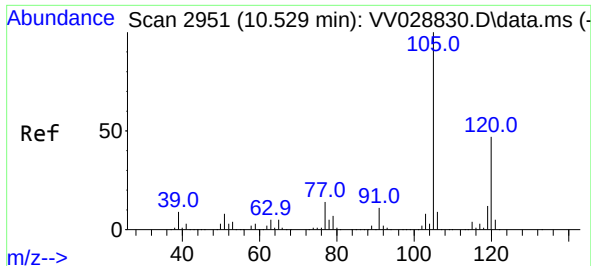
Tgt Ion:105 Resp: 684489
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 17.0 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 49.856 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion: 75 Resp: 214873
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
110 35.3 28.2 42.2

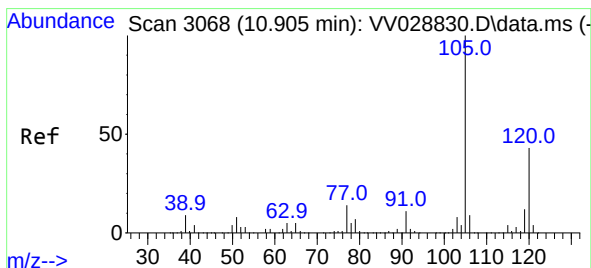
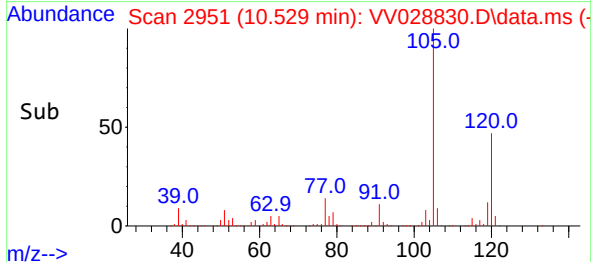
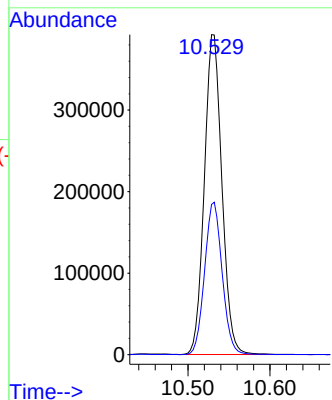
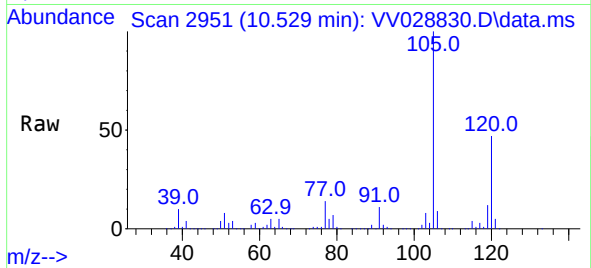




#62
1,3,5-Trimethylbenzene
Concen: 50.670 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

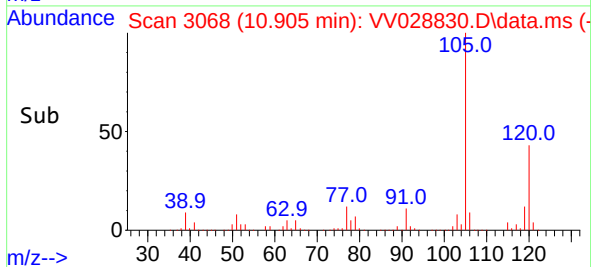
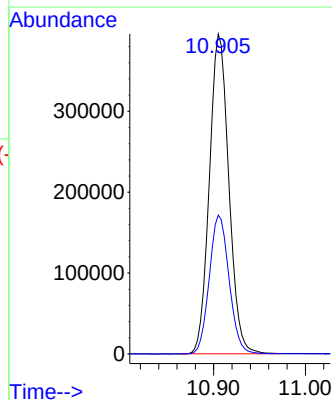
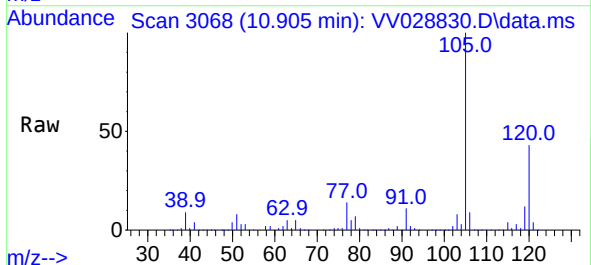
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

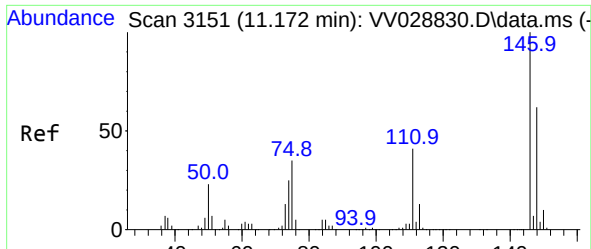
Tgt Ion:105 Resp: 583002
Ion Ratio Lower Upper
105 100
120 47.6 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 51.026 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion:105 Resp: 584069
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.0

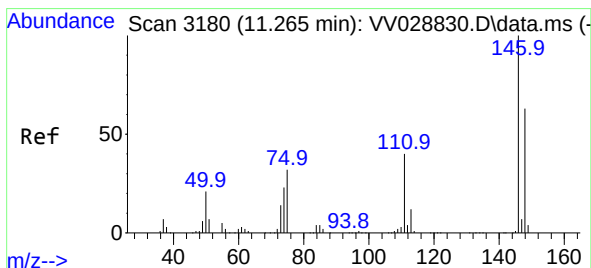
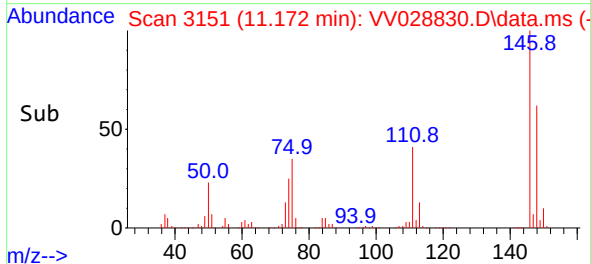
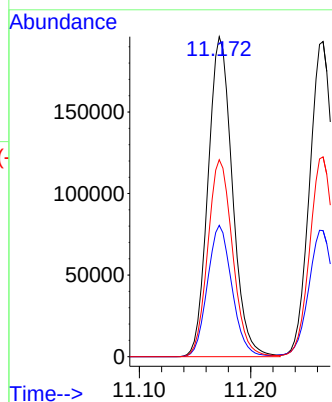
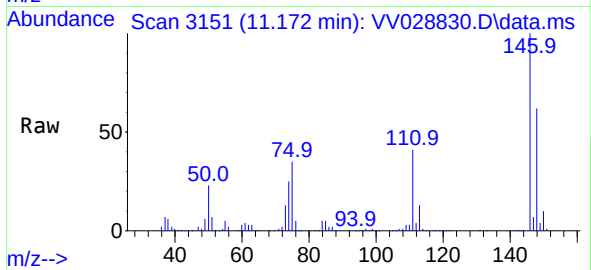




#64
1,3-Dichlorobenzene
Concen: 51.195 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

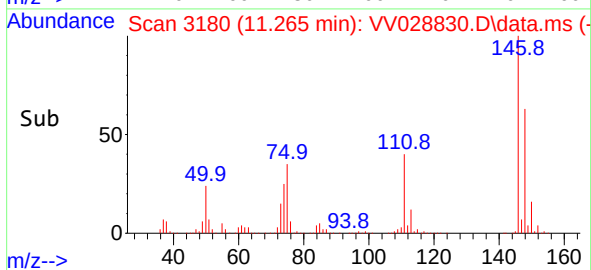
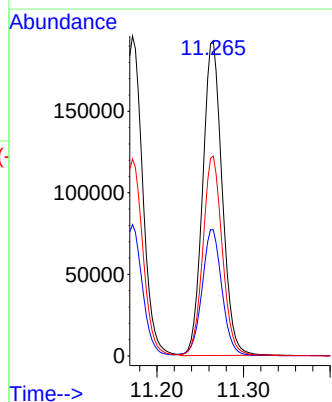
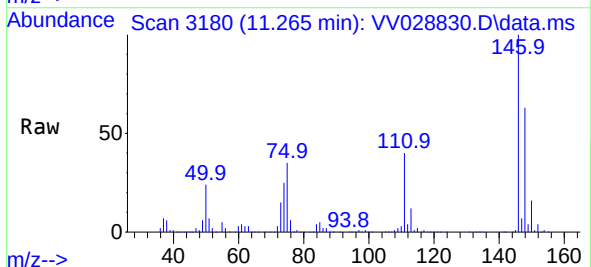
Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

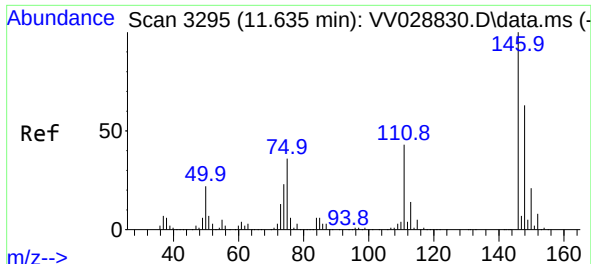
Tgt Ion:146 Resp: 297647
Ion Ratio Lower Upper
146 100
111 41.1 29.6 55.0
148 61.5 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 50.909 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion:146 Resp: 301579
Ion Ratio Lower Upper
146 100
111 40.0 28.7 53.3
148 63.4 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 51.706 ug/L

RT: 11.635 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050368

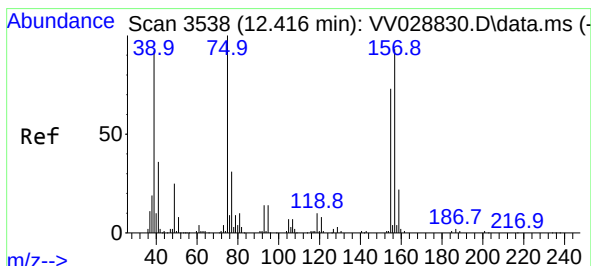
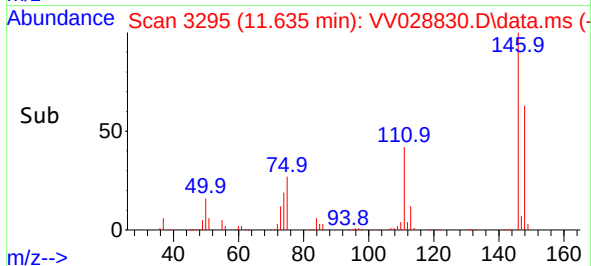
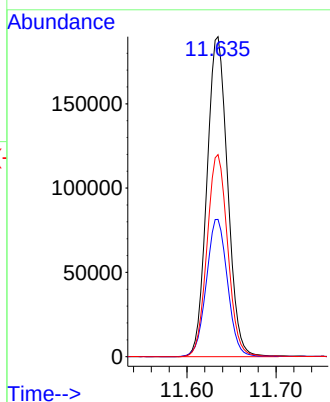
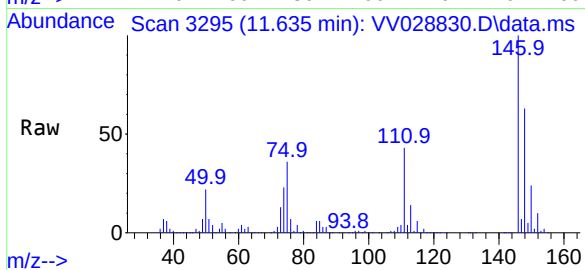
Tgt Ion:146 Resp: 305817

Ion Ratio Lower Upper

146 100

111 42.9 34.2 51.2

148 63.2 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 48.617 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

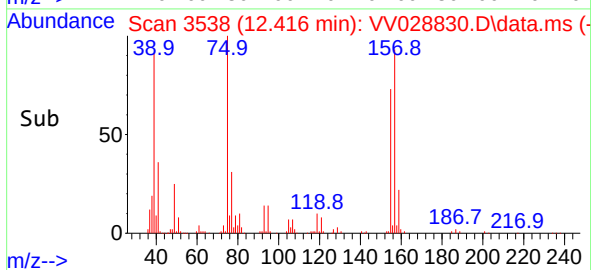
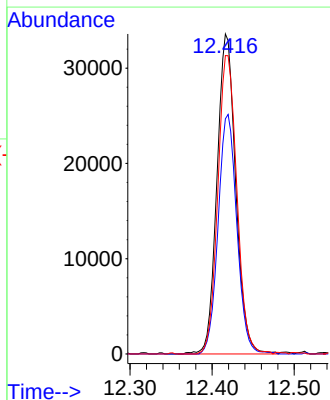
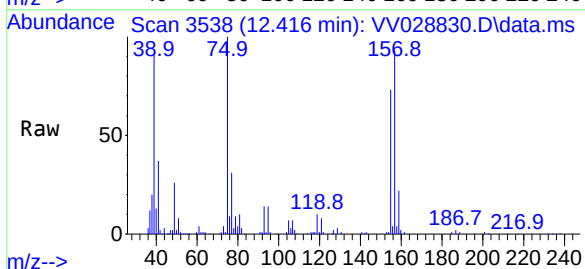
Tgt Ion: 75 Resp: 53382

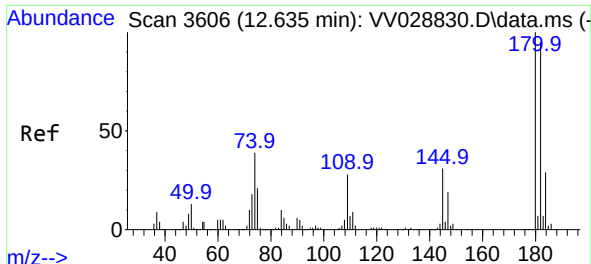
Ion Ratio Lower Upper

75 100

155 73.5 59.4 89.0

157 93.2 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 51.941 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. -0.000 min

Lab File: VV028830.D

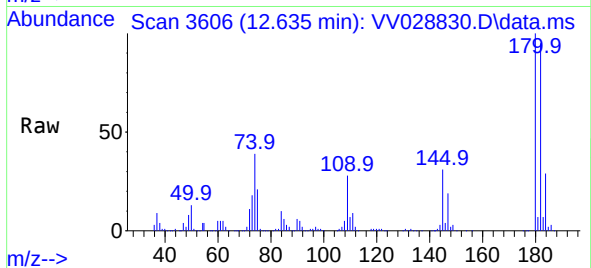
Acq: 02 Nov 2022 10:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050368



Tgt Ion:180 Resp: 216553

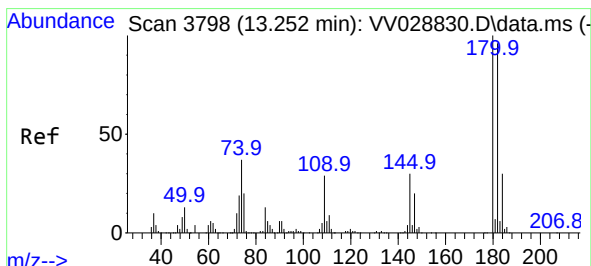
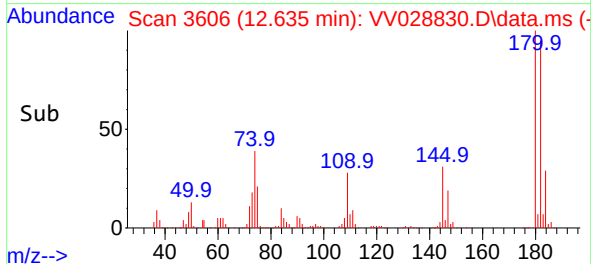
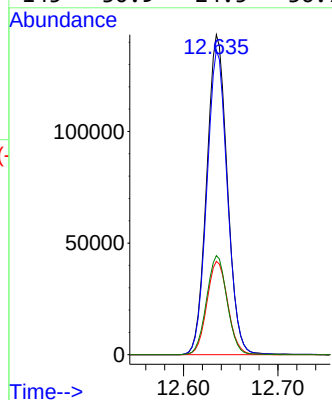
Ion Ratio Lower Upper

180 100

182 95.0 75.6 113.4

184 29.6 23.9 35.9

145 30.9 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 51.825 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. -0.000 min

Lab File: VV028830.D

Acq: 02 Nov 2022 10:28

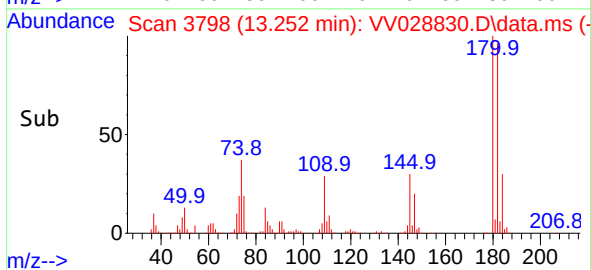
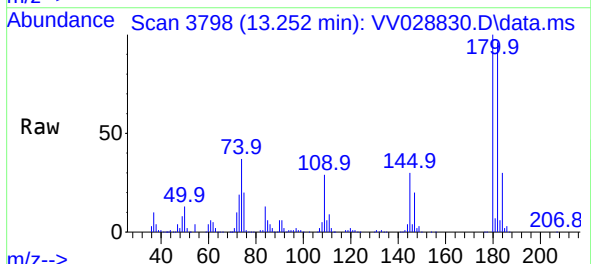
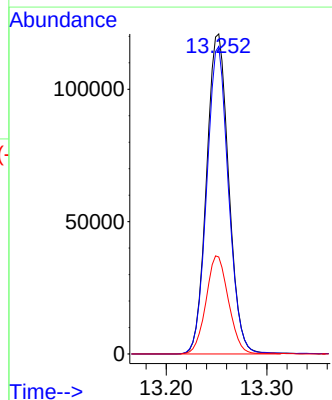
Tgt Ion:180 Resp: 184903

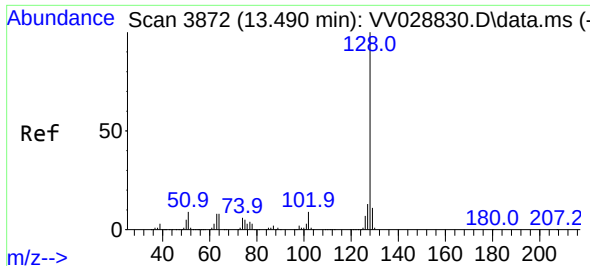
Ion Ratio Lower Upper

180 100

182 94.4 76.6 115.0

145 31.2 25.1 37.7



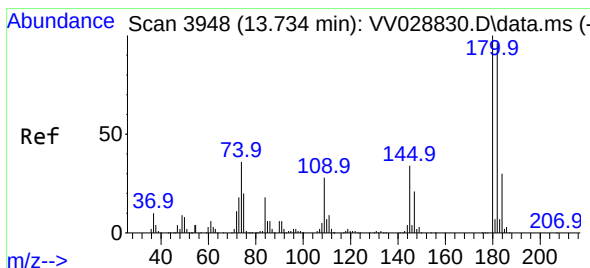
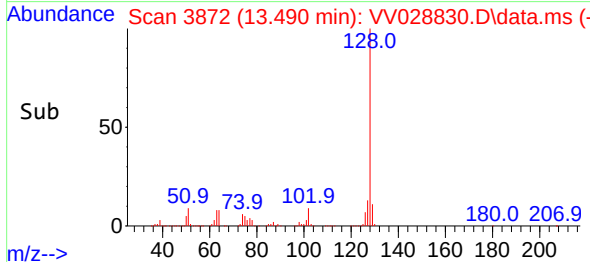
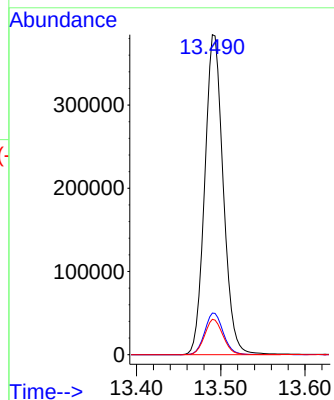
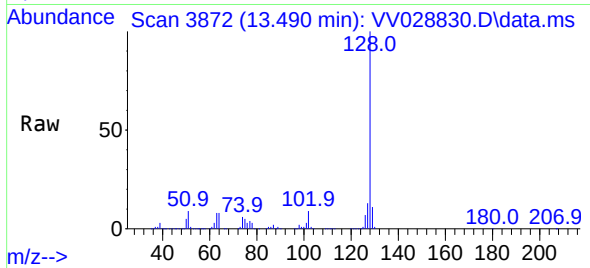


#71
Naphthalene
Concen: 50.582 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050368

Tgt Ion:128 Resp: 587586

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 52.522 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VV028830.D
Acq: 02 Nov 2022 10:28

Tgt Ion:180 Resp: 189672

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.5	113.3
145	33.3	26.2	39.4

