

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022192.D
 Acq On : 17 Sep 2021 17:53
 Operator : SY/MD
 Sample : M3676-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 02:59:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 02:49:48 2021
 Response via : Initial Calibration

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

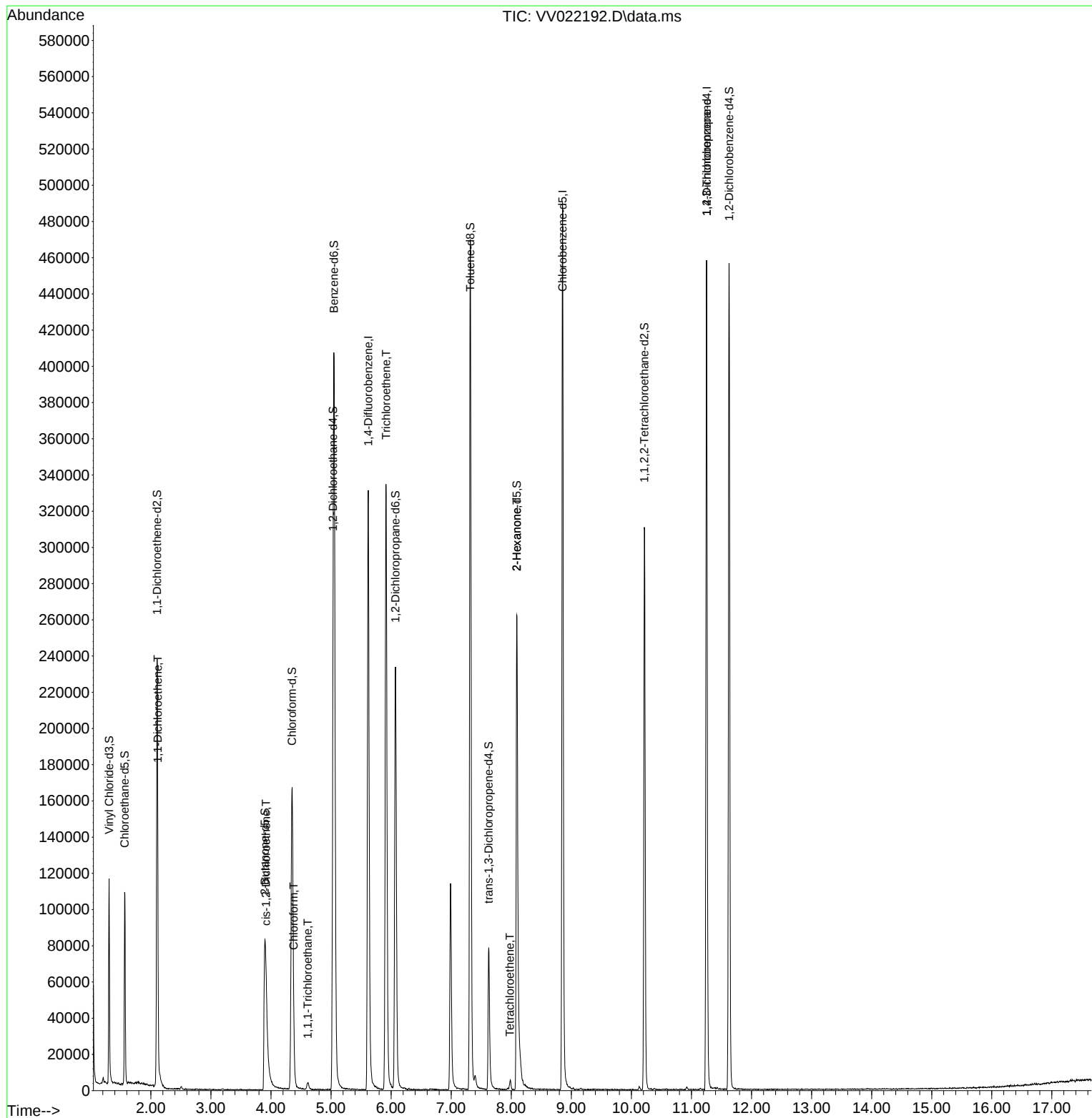
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	294351	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	278015	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	123472	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70933	34.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.600%
7) Chloroethane-d5	1.564	69	67454	42.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.740%
11) 1,1-Dichloroethene-d2	2.105	63	116919	34.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.360%
21) 2-Butanone-d5	3.899	46	159744	114.268	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.270%
24) Chloroform-d	4.349	84	177540	47.766	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.540%
26) 1,2-Dichloroethane-d4	5.034	65	112239	51.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.540%
32) Benzene-d6	5.050	84	354525	47.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.020%
36) 1,2-Dichloropropane-d6	6.072	67	117055	49.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.720%
41) Toluene-d8	7.317	98	313799	44.084	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.160%
43) trans-1,3-Dichloroprop...	7.625	79	47513	42.095	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.180%
47) 2-Hexanone-d5	8.092	63	91262	100.297	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	151078	49.743	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.480%
66) 1,2-Dichlorobenzene-d4	11.628	152	121039	49.865	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.740%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	8261	4.866	ug/L #	1
20) cis-1,2-Dichloroethene	3.918	96	6745	2.952	ug/L	99
25) Chloroform	4.378	83	2714	0.701	ug/L	76
30) 1,1,1-Trichloroethane	4.613	97	3387	1.025	ug/L #	83
34) Trichloroethene	5.915	95	113108	49.367	ug/L	98
46) Tetrachloroethene	7.979	164	1343	0.754	ug/L	91
48) 2-Hexanone	8.092	43	12277	5.567	ug/L #	66
61) 1,2,3-Trichloropropane	11.252	75	14150	6.612	ug/L #	64

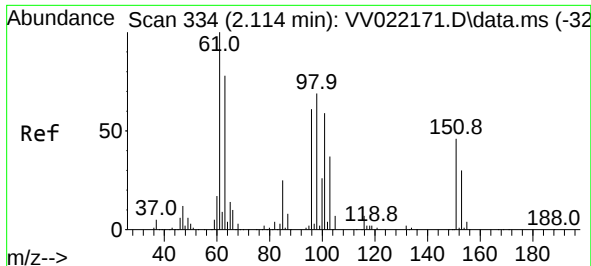
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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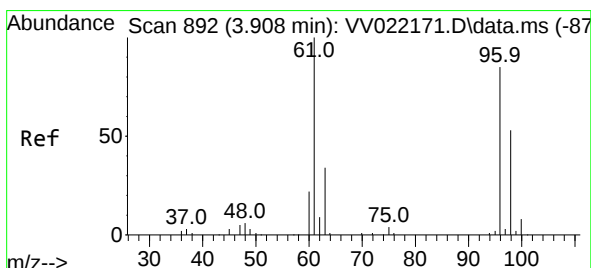
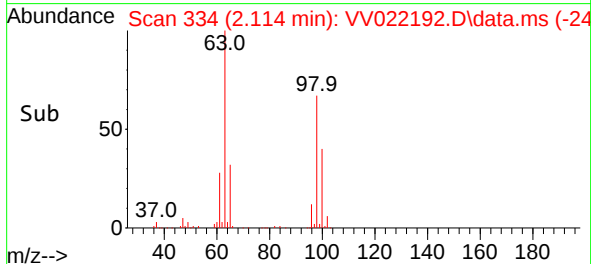
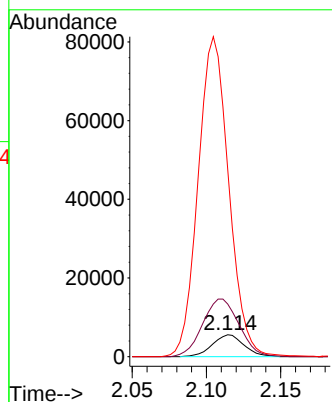
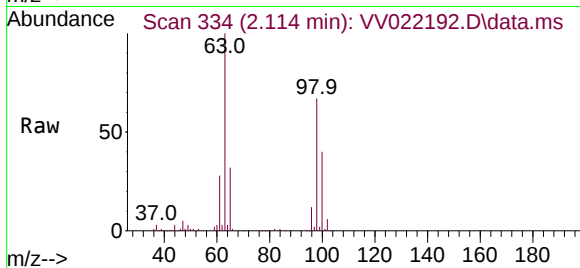




#12
1,1-Dichloroethene
Concen: 4.866 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022192.D
Acq: 17 Sep 2021 17:53

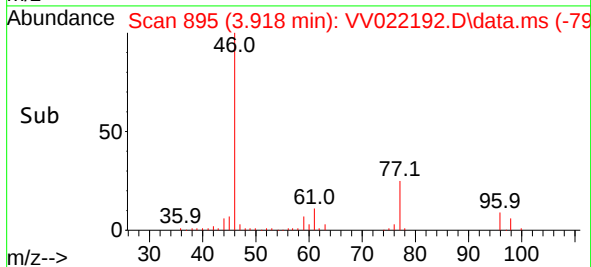
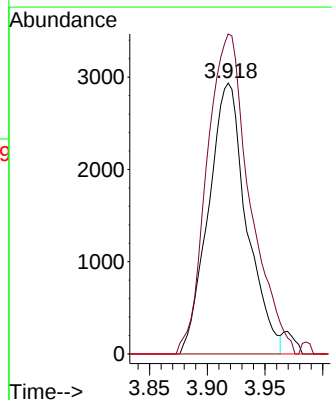
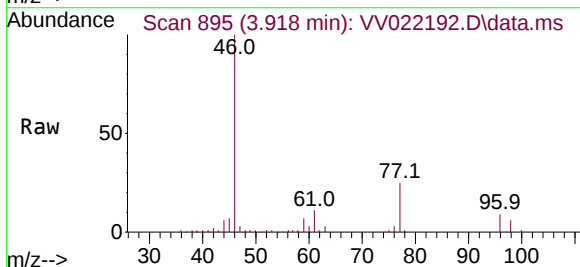
Instrument :
MSVOA_V
ClientSampled :

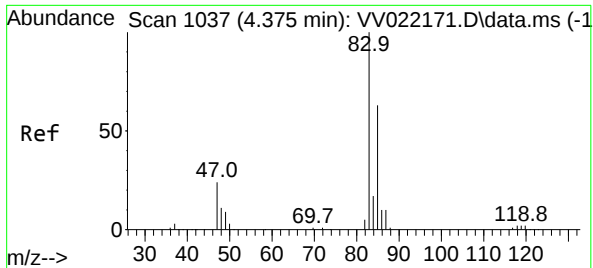
Tgt Ion: 96 Resp: 8261
Ion Ratio Lower Upper
96 100
61 240.4 113.2 210.2#
63 855.2 102.3 189.9#



#20
cis-1,2-Dichloroethene
Concen: 2.952 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV022192.D
Acq: 17 Sep 2021 17:53

Tgt Ion: 96 Resp: 6745
Ion Ratio Lower Upper
96 100
61 118.2 81.8 152.0
68 0.0 0.0 0.0

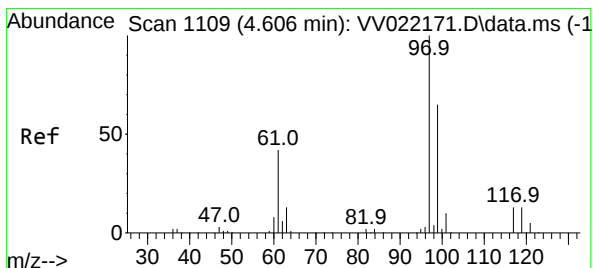
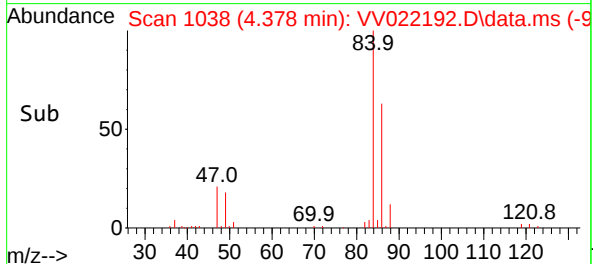
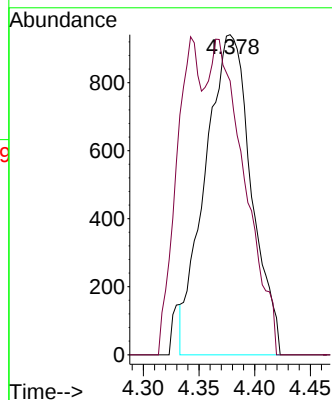
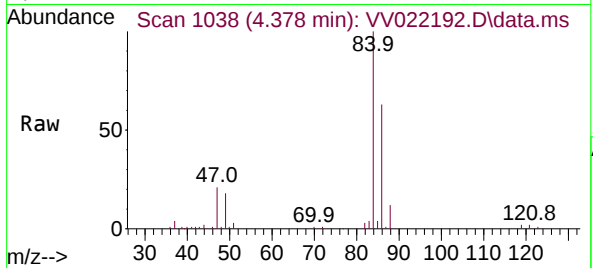




#25
Chloroform
Concen: 0.701 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022192.D
Acq: 17 Sep 2021 17:53

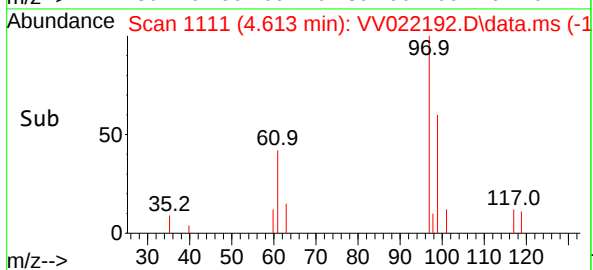
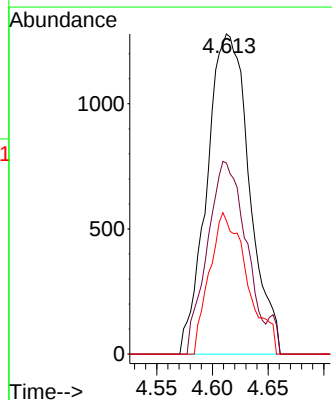
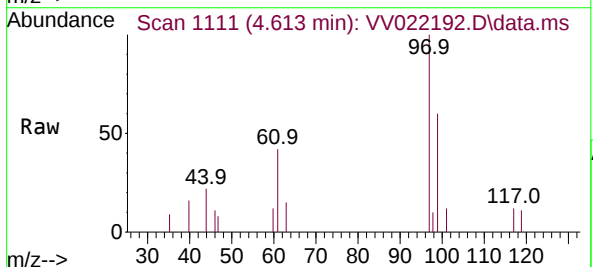
Instrument :
MSVOA_V
ClientSampled :

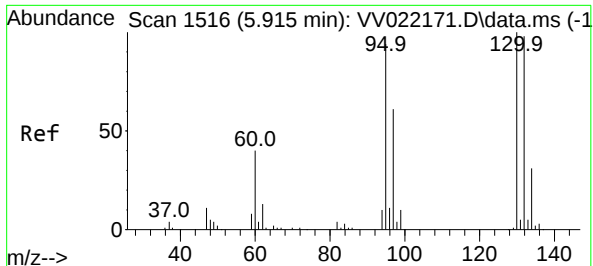
Tgt Ion: 83 Resp: 2714
Ion Ratio Lower Upper
83 100
85 85.5 46.3 85.9



#30
1,1,1-Trichloroethane
Concen: 1.025 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV022192.D
Acq: 17 Sep 2021 17:53

Tgt Ion: 97 Resp: 3387
Ion Ratio Lower Upper
97 100
99 55.0 52.0 78.0
61 24.3 31.8 47.8#





#34

Trichloroethene

Concen: 49.367 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV022192.D

Acq: 17 Sep 2021 17:53

Tgt Ion: 95 Resp: 113108

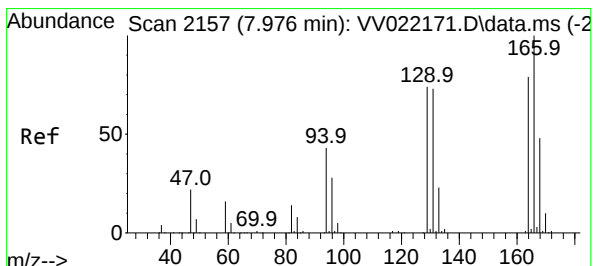
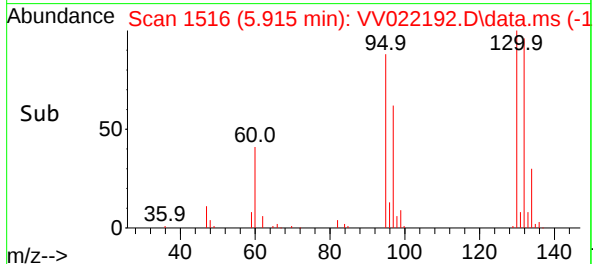
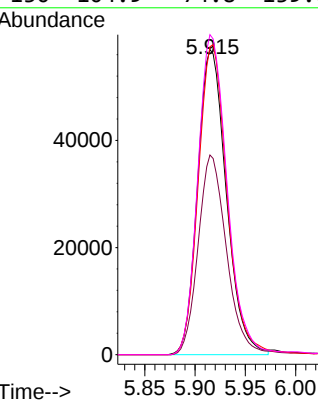
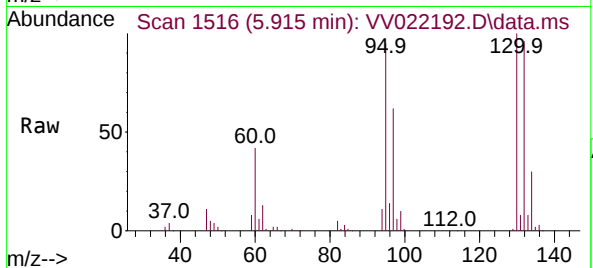
Ion Ratio Lower Upper

95 100

97 65.5 44.1 81.9

132 100.9 70.7 131.3

130 104.9 74.8 139.0



#46

Tetrachloroethene

Concen: 0.754 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022192.D

Acq: 17 Sep 2021 17:53

Tgt Ion: 164 Resp: 1343

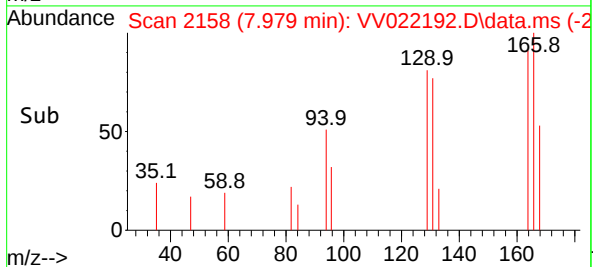
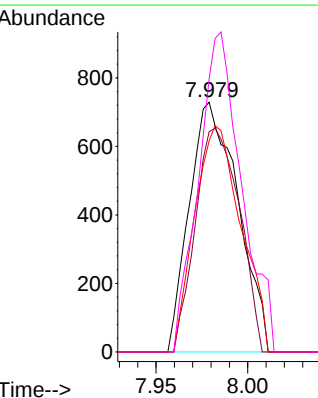
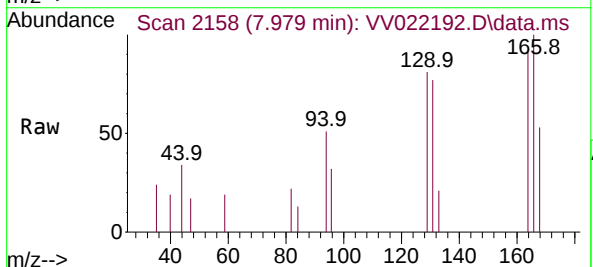
Ion Ratio Lower Upper

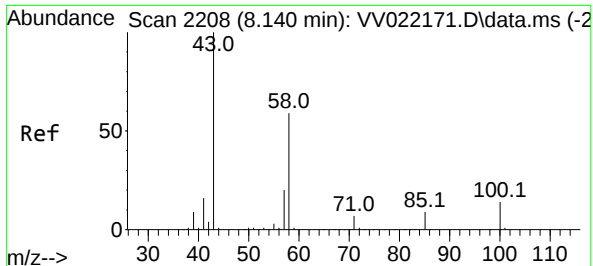
164 100

129 88.2 62.9 116.9

131 84.5 61.0 113.4

166 109.5 90.6 168.3

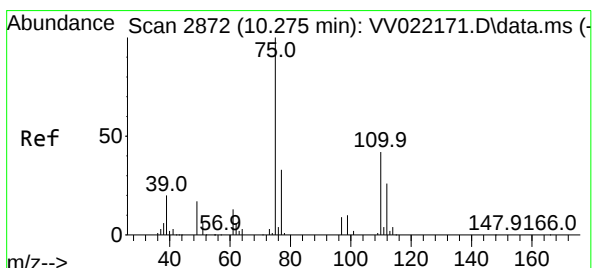
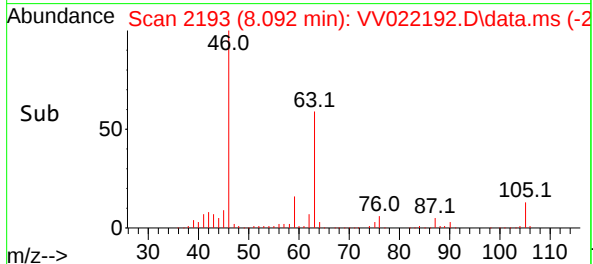
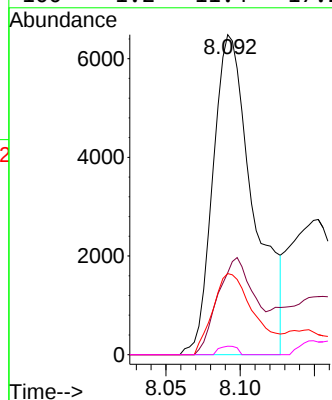
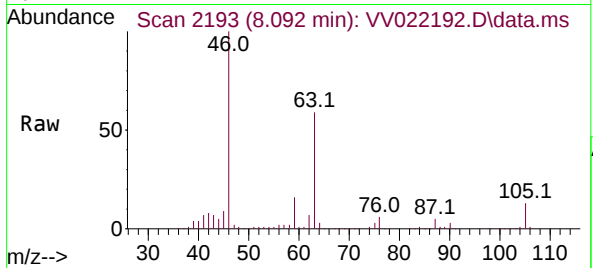




#48
2-Hexanone
Concen: 5.567 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022192.D
Acq: 17 Sep 2021 17:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	43	Resp:	12277
Ion	Ratio	Lower	Upper
43	100		
58	27.6	47.5	71.3#
57	25.9	15.9	23.9#
100	1.2	11.4	17.2#



#61
1,2,3-Trichloropropane
Concen: 6.612 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022192.D
Acq: 17 Sep 2021 17:53

Tgt Ion:	75	Resp:	14150
Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.2	39.2
110	3.2	33.8	50.6#

