

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092821\
 Data File : VV022363.D
 Acq On : 28 Sep 2021 13:18
 Operator : SY/MD
 Sample : M3873-11DL 40X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 29 01:33:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 29 01:30:11 2021
 Response via : Initial Calibration

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

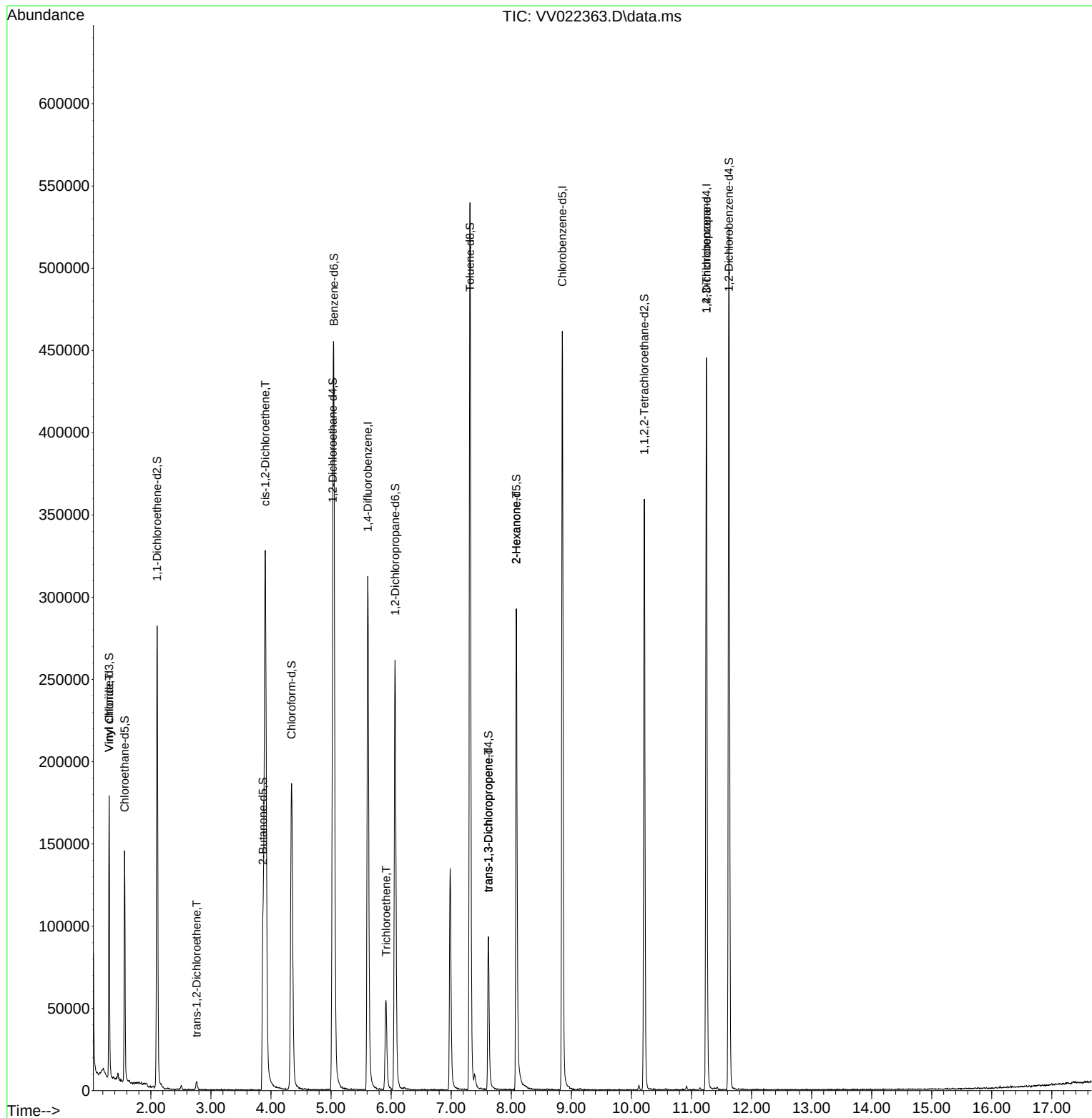
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	281675	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	265045	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	121675	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	105344	44.069	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.140%
7) Chloroethane-d5	1.564	69	87814	46.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.880%
11) 1,1-Dichloroethene-d2	2.105	63	143441	34.513	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.020%
21) 2-Butanone-d5	3.867	46	157509	93.365	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.360%
24) Chloroform-d	4.342	84	198572	46.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.027	65	122568	46.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
32) Benzene-d6	5.047	84	410489	49.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.460%
36) 1,2-Dichloropropane-d6	6.066	67	132023	49.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.980%
41) Toluene-d8	7.313	98	361318	47.344	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.680%
43) trans-1,3-Dichloroprop...	7.619	79	54187	44.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.980%
47) 2-Hexanone-d5	8.085	63	100576	92.790	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.790%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	175251	45.259	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.520%
66) 1,2-Dichlorobenzene-d4	11.625	152	139263	51.472	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.940%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	3326	1.298	ug/L #	38
17) trans-1,2-Dichloroethene	2.761	96	1798	0.841	ug/L	91
20) cis-1,2-Dichloroethene	3.905	96	185252	81.405	ug/L	98
34) Trichloroethene	5.915	95	19195	9.228	ug/L	99
44) trans-1,3-Dichloropropene	7.619	75	2346	0.804	ug/L #	75
48) 2-Hexanone	8.085	43	11209	5.053	ug/L #	65
61) 1,2,3-Trichloropropane	11.249	75	13973	6.155	ug/L #	65

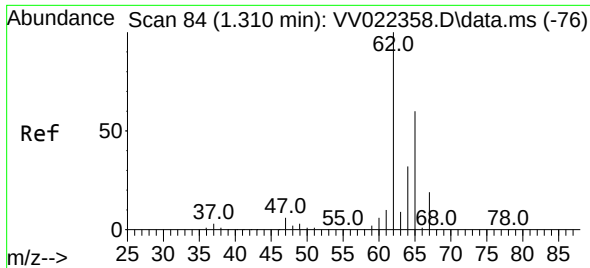
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 29 01:30:11 2021
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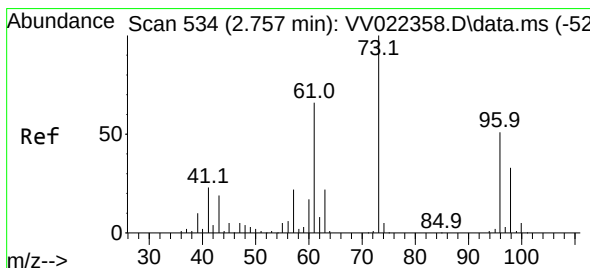
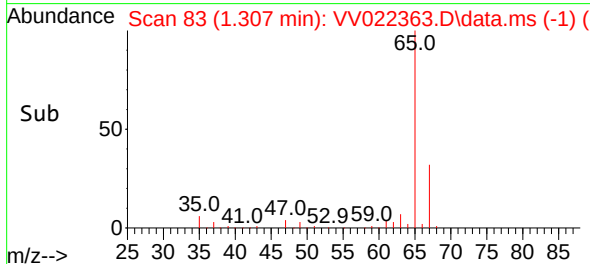
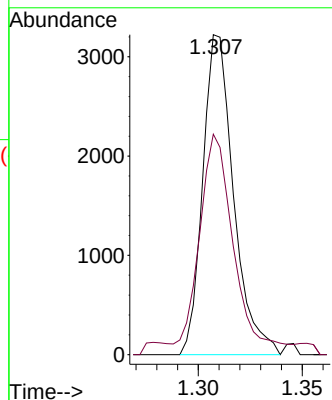
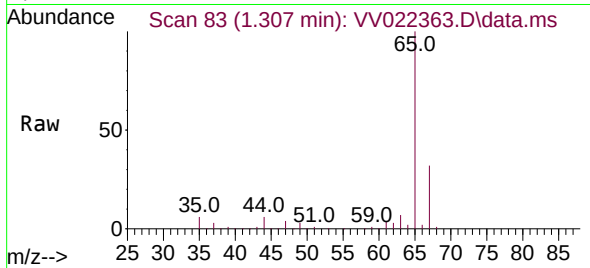




#5
 Vinyl chloride
 Concen: 1.298 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022363.D
 Acq: 28 Sep 2021 13:18

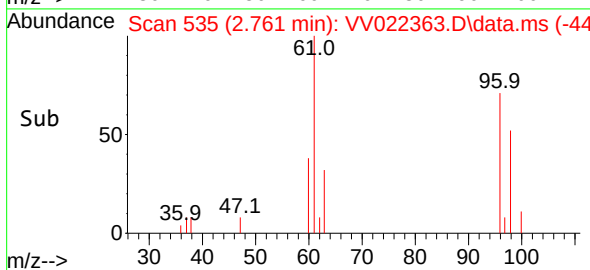
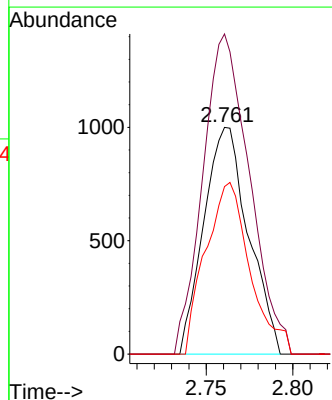
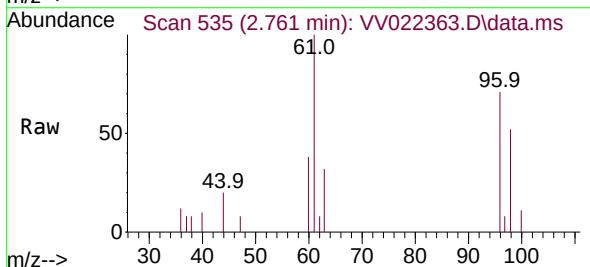
Instrument :
 MSVOA_V
 ClientSampled :

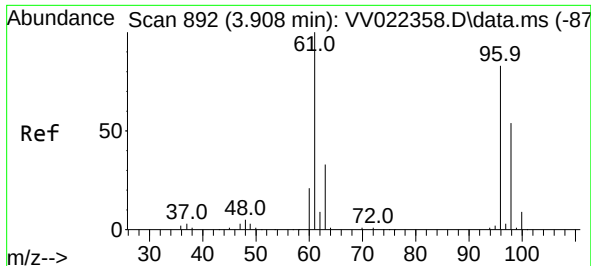
Tgt Ion: 62 Resp: 3326
 Ion Ratio Lower Upper
 62 100
 64 68.9 23.4 43.6#



#17
 trans-1,2-Dichloroethene
 Concen: 0.841 ug/L
 RT: 2.761 min Scan# 535
 Delta R.T. 0.003 min
 Lab File: VV022363.D
 Acq: 28 Sep 2021 13:18

Tgt Ion: 96 Resp: 1798
 Ion Ratio Lower Upper
 96 100
 61 141.2 92.7 172.1
 98 73.9 44.4 82.5

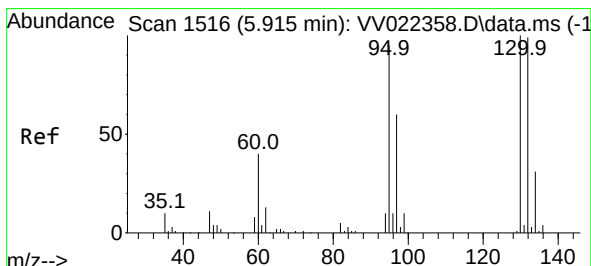
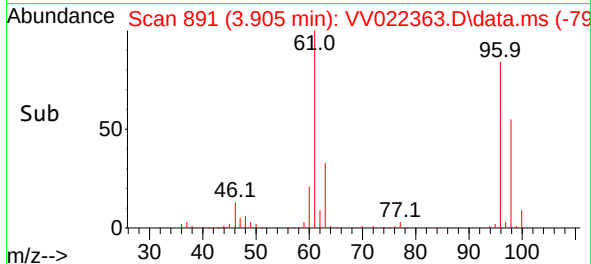
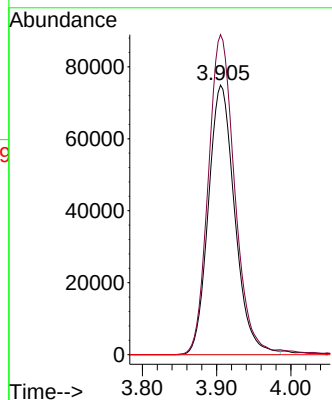
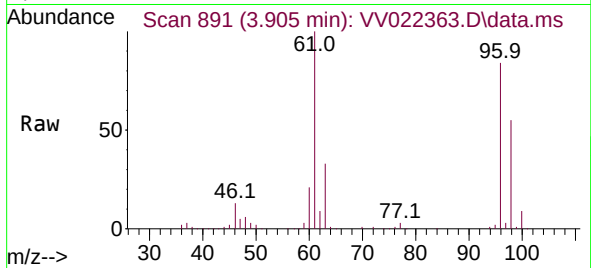




#20
cis-1,2-Dichloroethene
Concen: 81.405 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV022363.D
Acq: 28 Sep 2021 13:18

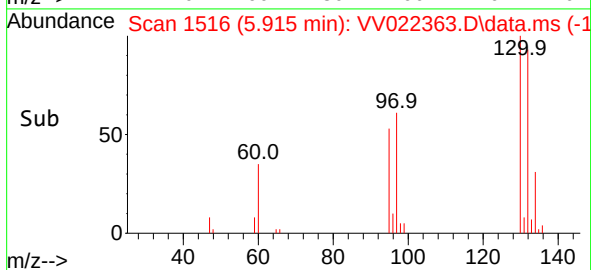
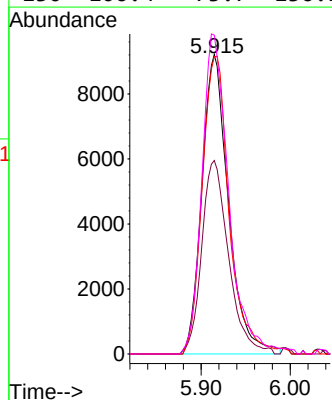
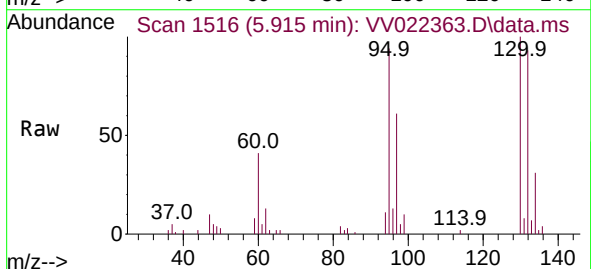
Instrument :
MSVOA_V
ClientSampleId :

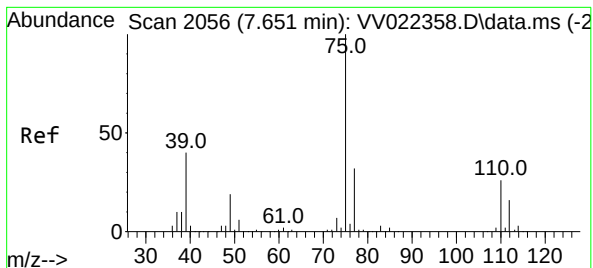
Tgt Ion: 96 Resp: 185252
Ion Ratio Lower Upper
96 100
61 118.7 84.6 157.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 9.228 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022363.D
Acq: 28 Sep 2021 13:18

Tgt Ion: 95 Resp: 19195
Ion Ratio Lower Upper
95 100
97 64.6 45.2 84.0
132 99.3 71.0 131.8
130 106.4 73.7 136.9



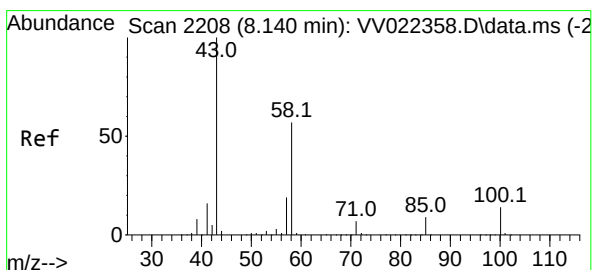
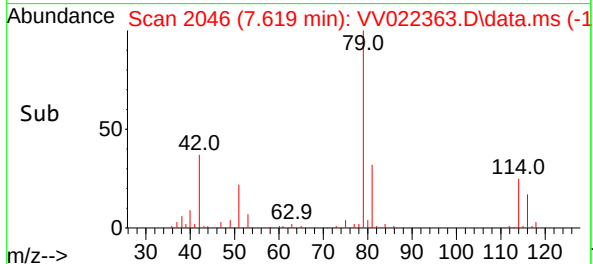
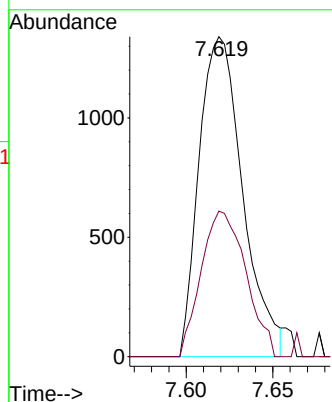
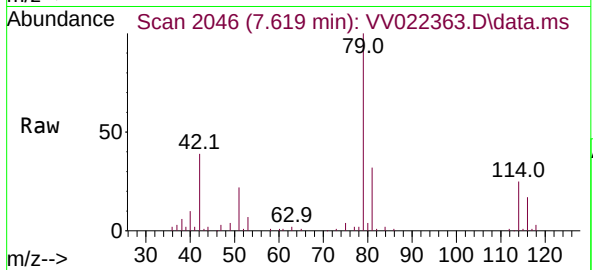


#44

trans-1,3-Dichloropropene
Concen: 0.804 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.032 min
Lab File: VV022363.D
Acq: 28 Sep 2021 13:18

Instrument :
MSVOA_V
ClientSampled :

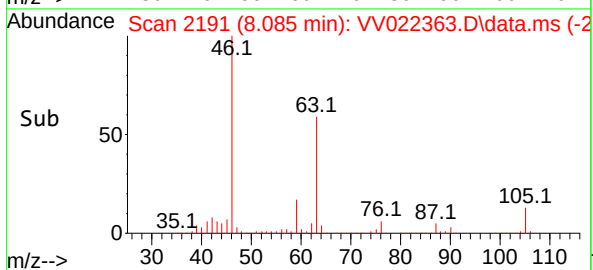
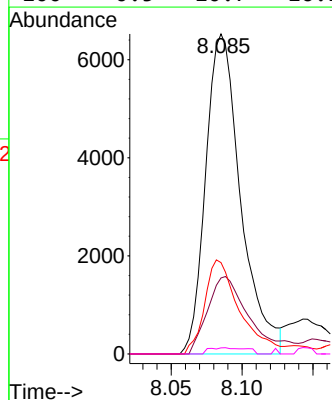
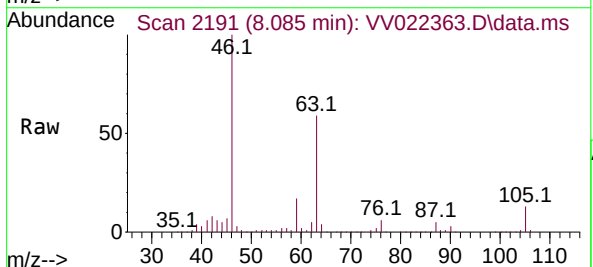
Tgt Ion: 75 Resp: 2346
Ion Ratio Lower Upper
75 100
77 45.5 22.3 41.3#

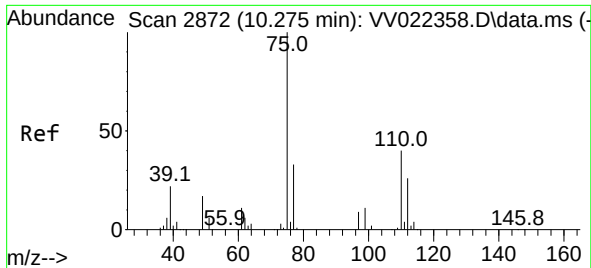


#48

2-Hexanone
Concen: 5.053 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.055 min
Lab File: VV022363.D
Acq: 28 Sep 2021 13:18

Tgt Ion: 43 Resp: 11209
Ion Ratio Lower Upper
43 100
58 27.8 45.4 68.2#
57 29.2 15.0 22.4#
100 0.5 10.7 16.1#





#61
 1,2,3-Trichloropropane
 Concen: 6.155 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022363.D
 Acq: 28 Sep 2021 13:18

Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion: 75 Resp: 13973
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 110 2.4 32.6 48.8#

