

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022440.D
 Acq On : 30 Sep 2021 18:30
 Operator : SY/MD
 Sample : M3979-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A10

Quant Time: Oct 01 02:43:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

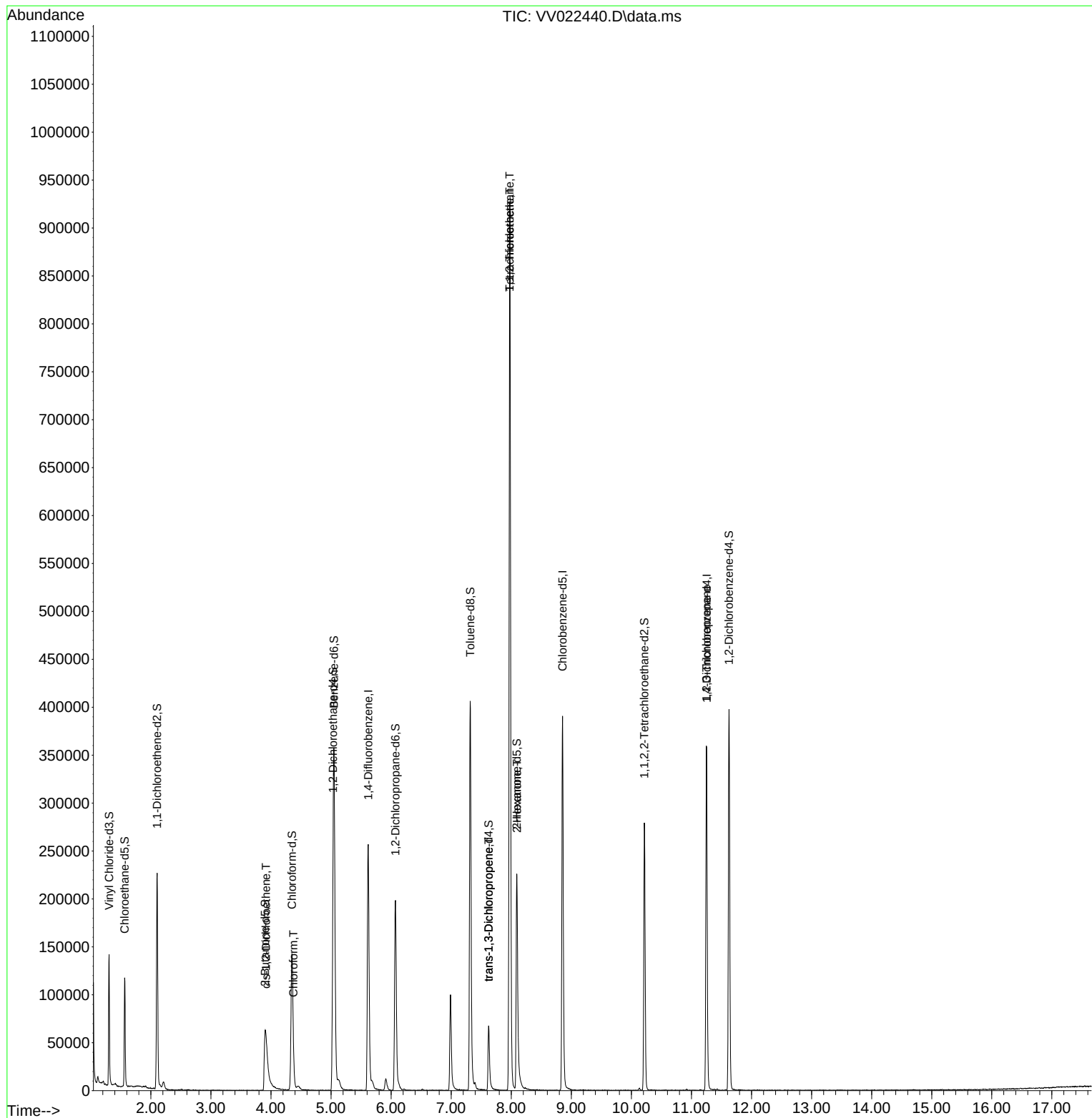
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	227030	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	229288	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	100661	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87025	45.168	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.340%		
7) Chloroethane-d5	1.564	69	69734	45.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.520%		
11) 1,1-Dichloroethene-d2	2.105	63	115099	34.360	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.720%		
21) 2-Butanone-d5	3.902	46	124901	91.856	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.860%		
24) Chloroform-d	4.349	84	149498	42.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.940%		
26) 1,2-Dichloroethane-d4	5.034	65	92723	43.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.920%		
32) Benzene-d6	5.050	84	311861	43.235	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.460%		
36) 1,2-Dichloropropane-d6	6.072	67	101492	43.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.960%		
41) Toluene-d8	7.317	98	282720	42.822	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.640%		
43) trans-1,3-Dichloroprop...	7.625	79	41540	39.421	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.840%		
47) 2-Hexanone-d5	8.091	63	80450	85.797	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.800%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	133655	39.900	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	107010	47.808	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.620%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.915	96	3457	1.885	ug/L	92
25) Chloroform	4.375	83	3580	1.118	ug/L	99
44) trans-1,3-Dichloropropene	7.622	75	1845	0.731	ug/L	83
45) 1,1,2-Trichloroethane	7.976	97	1708	0.935	ug/L #	1
46) Tetrachloroethene	7.976	164	217170	146.573	ug/L	97
48) 2-Hexanone	8.095	43	9551	4.977	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	10798	5.750	ug/L #	63

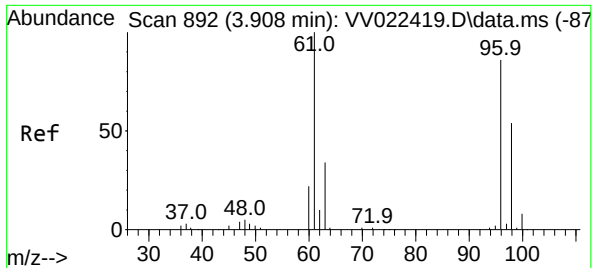
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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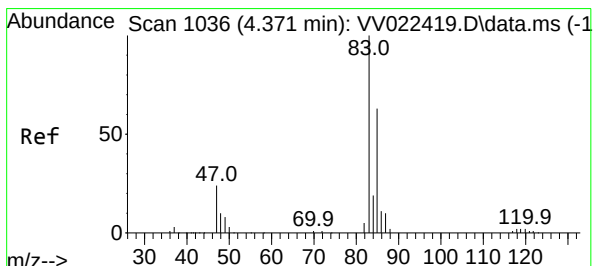
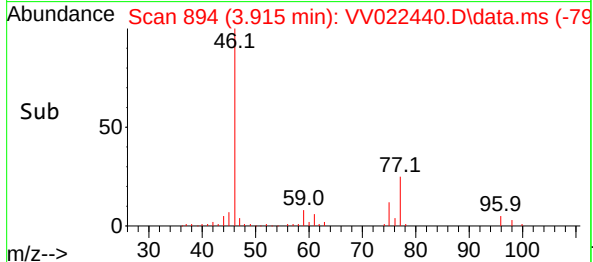
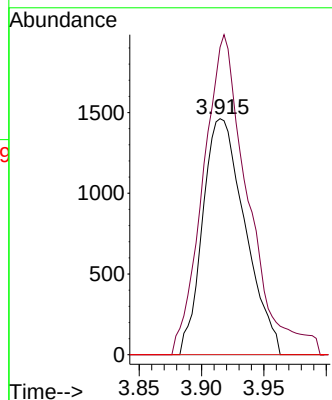
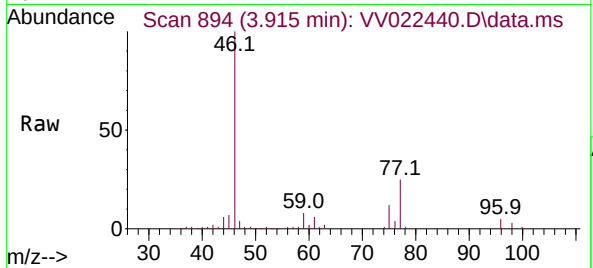




#20
cis-1,2-Dichloroethene
Concen: 1.885 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022440.D
Acq: 30 Sep 2021 18:30

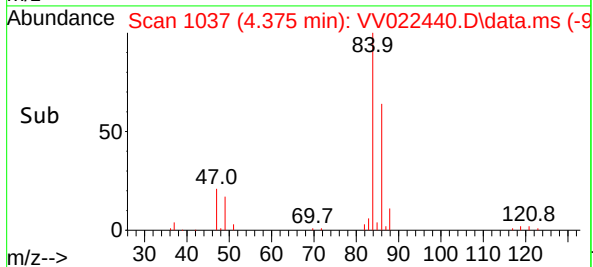
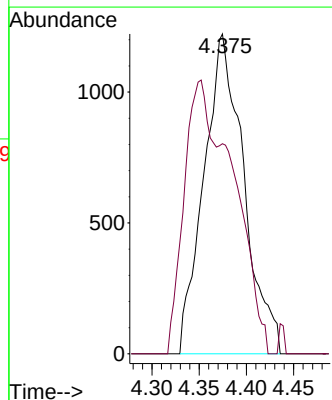
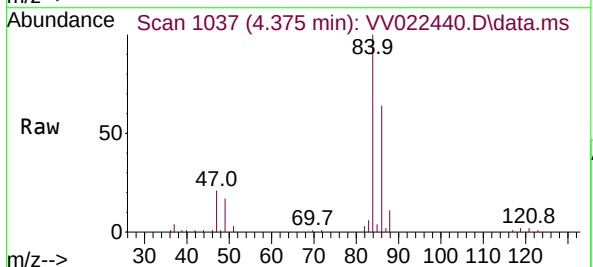
Instrument :
MSVOA_V
ClientSampled :
F4A10

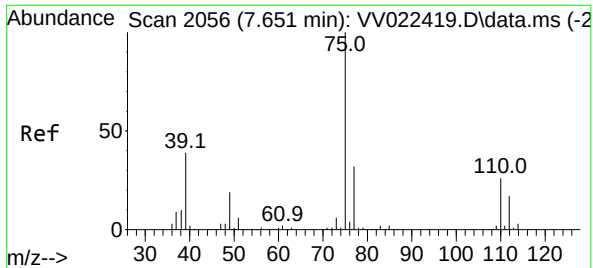
Tgt Ion: 96 Resp: 3457
Ion Ratio Lower Upper
96 100
61 130.2 84.6 157.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 1.118 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022440.D
Acq: 30 Sep 2021 18:30

Tgt Ion: 83 Resp: 3580
Ion Ratio Lower Upper
83 100
85 65.7 46.5 86.3

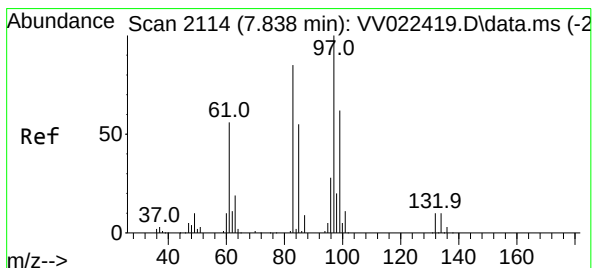
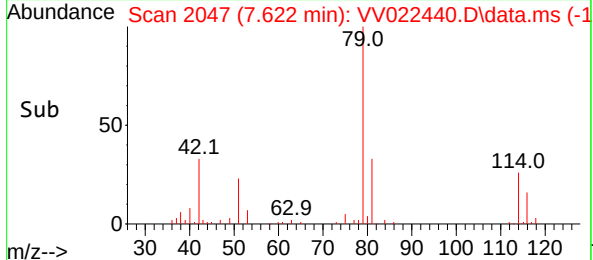
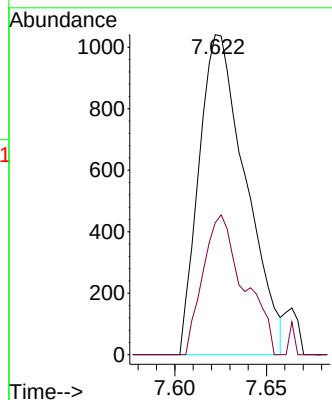
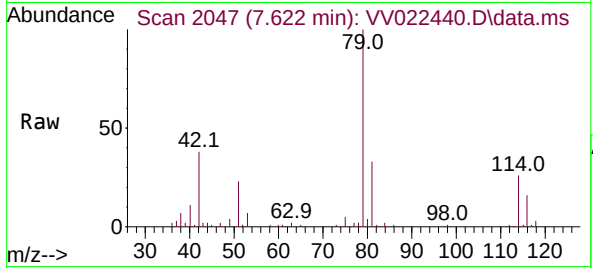




#44
trans-1,3-Dichloropropene
Concen: 0.731 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022440.D
Acq: 30 Sep 2021 18:30

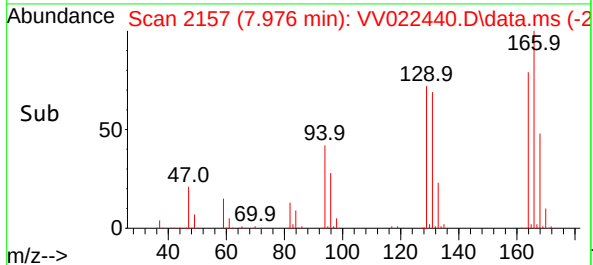
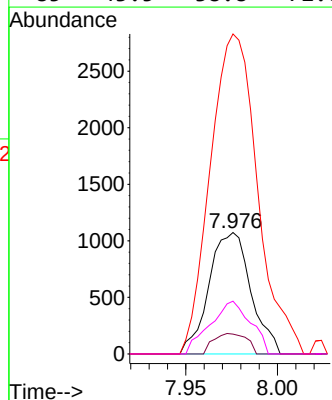
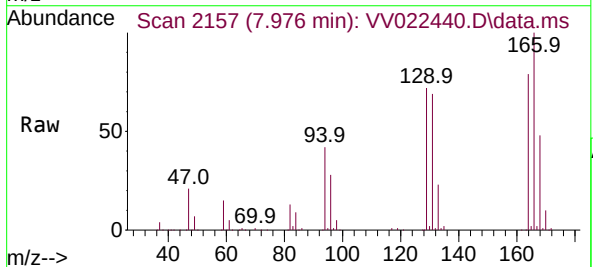
Instrument :
MSVOA_V
ClientSampleId :
F4A10

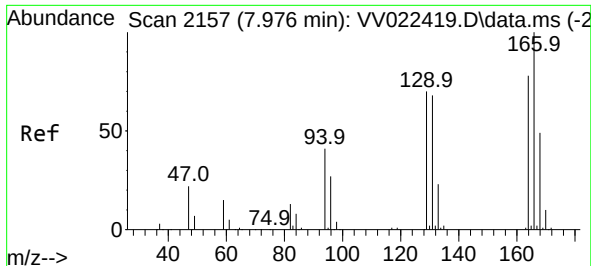
Tgt Ion: 75 Resp: 1845
Ion Ratio Lower Upper
75 100
77 41.2 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 0.935 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.138 min
Lab File: VV022440.D
Acq: 30 Sep 2021 18:30

Tgt Ion: 97 Resp: 1708
Ion Ratio Lower Upper
97 100
99 16.4 44.6 82.8#
83 263.7 59.8 111.1#
85 43.5 38.8 72.0

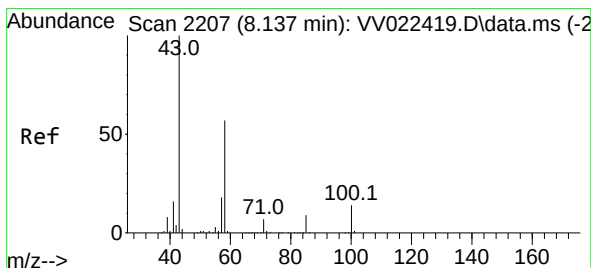
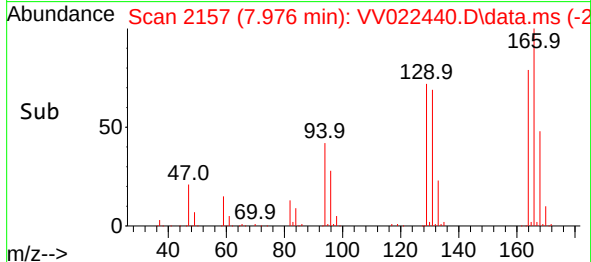
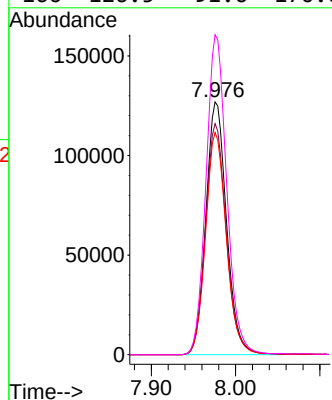
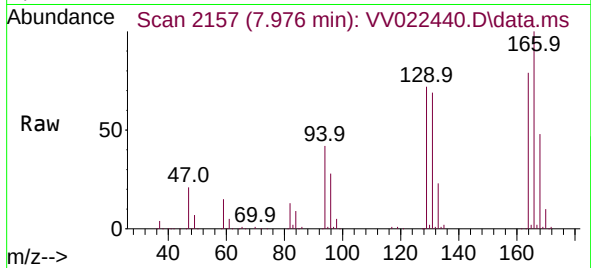




#46
Tetrachloroethene
Concen: 146.573 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022440.D
Acq: 30 Sep 2021 18:30

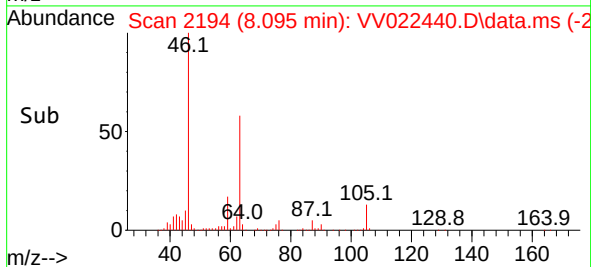
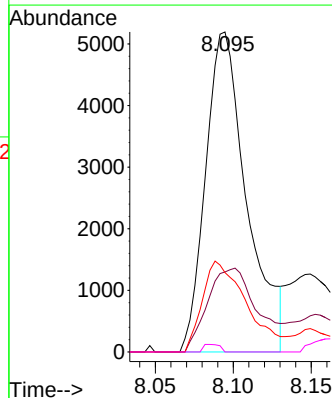
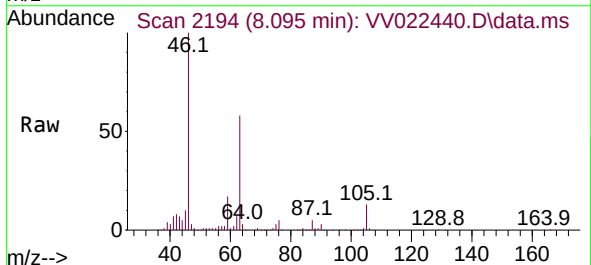
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MSVOA_V
ClientSampled :
F4A10

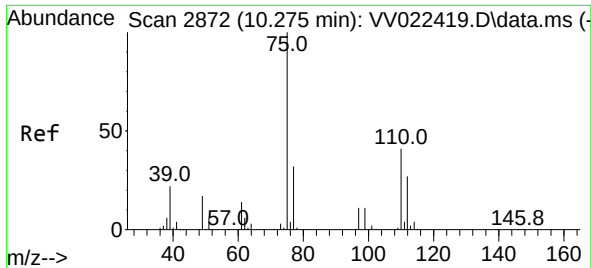
Tgt Ion:164 Resp: 217170
Ion Ratio Lower Upper
164 100
129 91.4 66.4 123.4
131 87.9 63.6 118.0
166 126.5 91.6 170.0



#48
2-Hexanone
Concen: 4.977 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.042 min
Lab File: VV022440.D
Acq: 30 Sep 2021 18:30

Tgt Ion: 43 Resp: 9551
Ion Ratio Lower Upper
43 100
58 31.4 45.4 68.2#
57 30.2 15.0 22.4#
100 0.9 10.7 16.1#





#61
 1,2,3-Trichloropropane
 Concen: 5.750 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022440.D
 Acq: 30 Sep 2021 18:30

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Tgt Ion: 75 Resp: 10798
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.4 38.0
 110 1.8 32.6 48.8#

