

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092921\
 Data File : VW022381.D
 Acq On : 29 Sep 2021 16:32
 Operator : SY/MD
 Sample : M3978-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A00

Quant Time: Sep 30 05:29:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 05:14:53 2021
 Response via : Initial Calibration

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

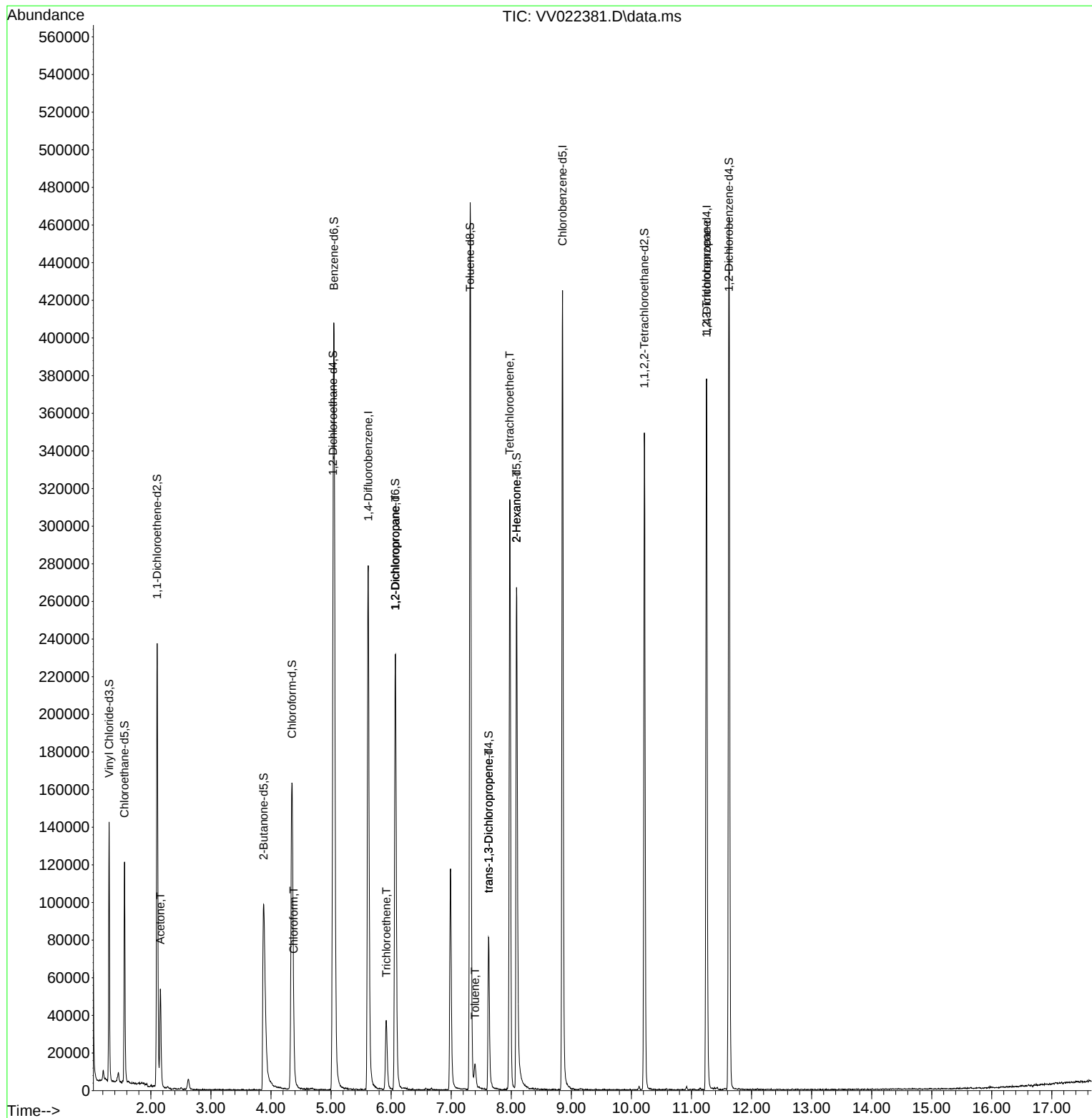
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	252989	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	239444	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	106052	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84403	39.312	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.620%
7) Chloroethane-d5	1.561	69	74804	44.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.100%
11) 1,1-Dichloroethene-d2	2.105	63	122098	32.709	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.420%
21) 2-Butanone-d5	3.876	46	139488	92.058	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.060%
24) Chloroform-d	4.349	84	172616	44.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.040%
26) 1,2-Dichloroethane-d4	5.034	65	109205	45.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.860%
32) Benzene-d6	5.050	84	356432	47.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.640%
36) 1,2-Dichloropropane-d6	6.069	67	116788	48.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.920%
41) Toluene-d8	7.317	98	313355	45.449	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.900%
43) trans-1,3-Dichloroprop...	7.622	79	47826	43.462	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.920%
47) 2-Hexanone-d5	8.088	63	89603	91.505	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.510%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	164198	46.938	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.880%
66) 1,2-Dichlorobenzene-d4	11.625	152	122448	51.924	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.840%
Target Compounds						
					Qvalue	
13) Acetone	2.159	43	48993	41.197	ug/L	97
25) Chloroform	4.378	83	4843	1.357	ug/L	97
34) Trichloroethene	5.921	95	11984	6.377	ug/L	92
37) 1,2-Dichloropropane	6.072	63	12650	6.745	ug/L #	85
42) Toluene	7.397	91	9064	1.162	ug/L	98
44) trans-1,3-Dichloropropene	7.622	75	2166	0.822	ug/L	94
46) Tetrachloroethene	7.976	164	73686	47.623	ug/L	94
48) 2-Hexanone	8.088	43	11438	5.708	ug/L #	57
61) 1,2,3-Trichloropropane	11.249	75	12294	6.214	ug/L #	65

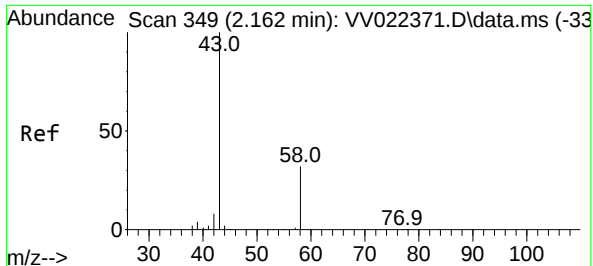
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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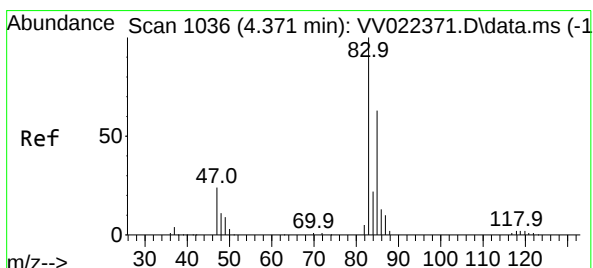
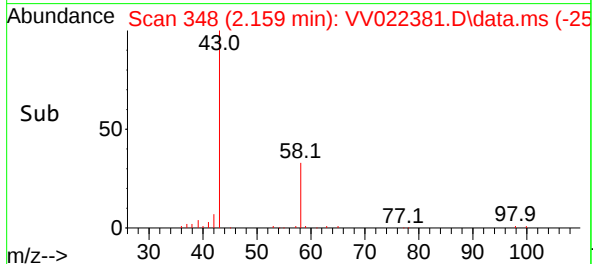
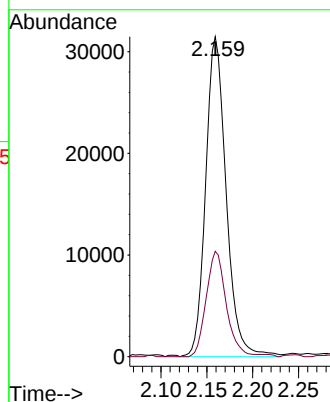
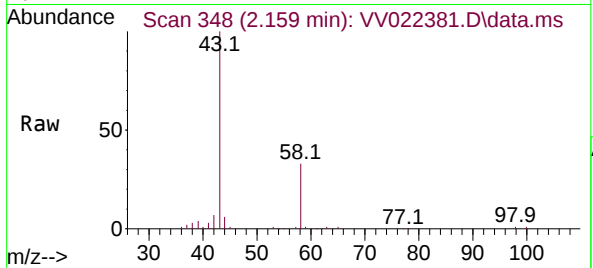




#13
Acetone
Concen: 41.197 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.003 min
Lab File: VV022381.D
Acq: 29 Sep 2021 16:32

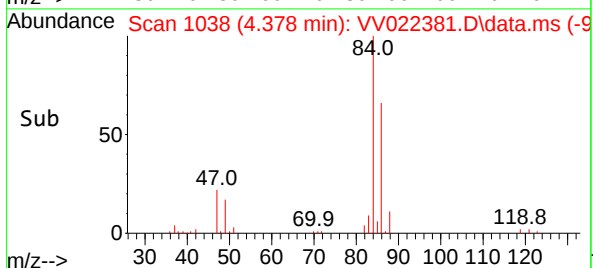
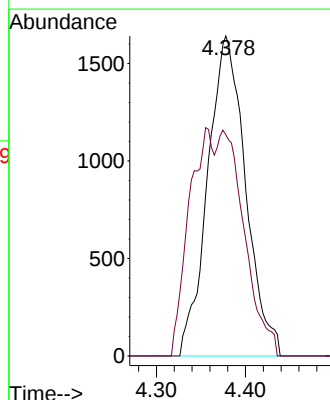
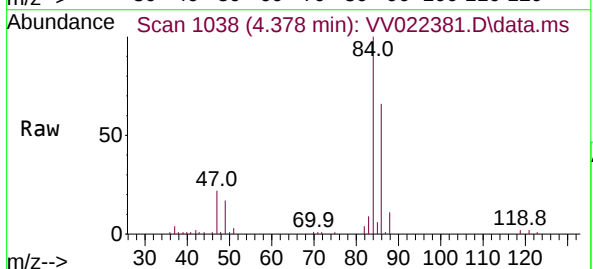
Instrument :
MSVOA_V
ClientSampleId :
F4A00

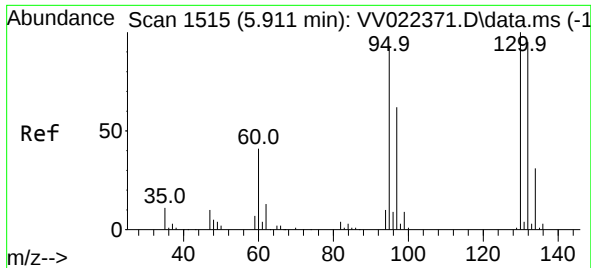
Tgt Ion: 43 Resp: 48993
Ion Ratio Lower Upper
43 100
58 32.1 0.0 67.2



#25
Chloroform
Concen: 1.357 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022381.D
Acq: 29 Sep 2021 16:32

Tgt Ion: 83 Resp: 4843
Ion Ratio Lower Upper
83 100
85 69.2 46.5 86.3

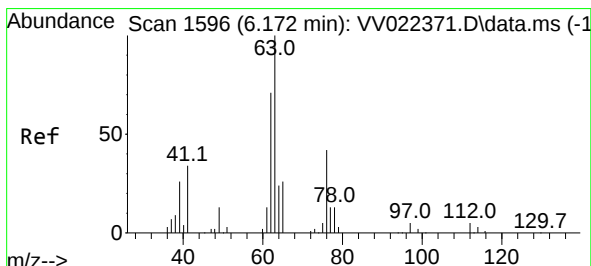
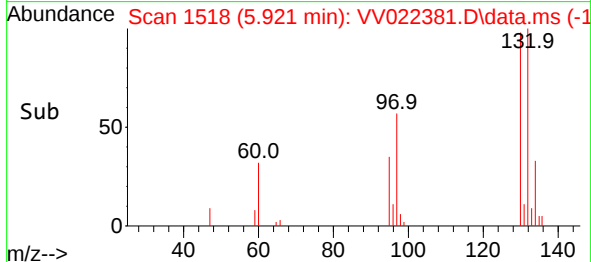
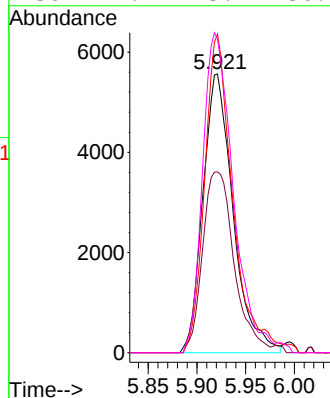
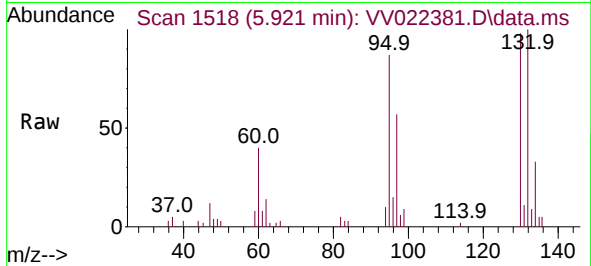




#34
Trichloroethene
Concen: 6.377 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022381.D
Acq: 29 Sep 2021 16:32

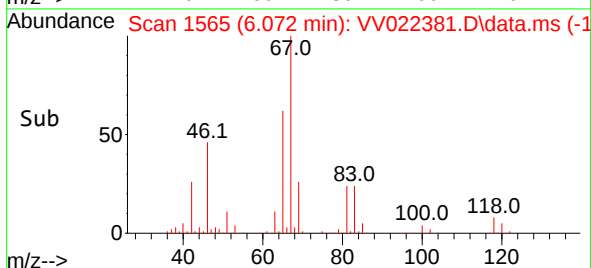
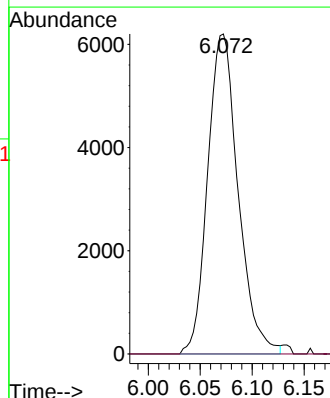
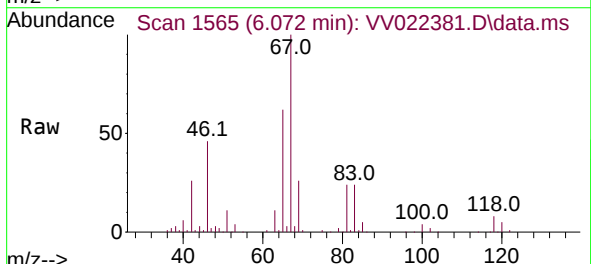
Instrument :
MSVOA_V
ClientSampled :
F4A00

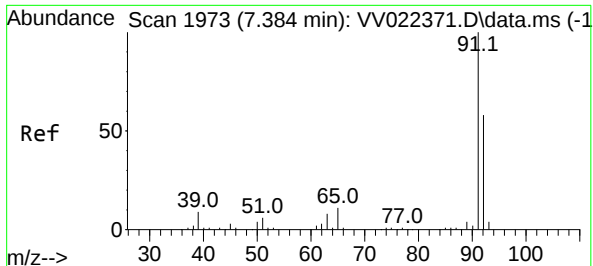
Tgt Ion: 95 Resp: 11984
Ion Ratio Lower Upper
95 100
97 64.9 45.2 84.0
132 114.3 71.0 131.8
130 112.4 73.7 136.9



#37
1,2-Dichloropropane
Concen: 6.745 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022381.D
Acq: 29 Sep 2021 16:32

Tgt Ion: 63 Resp: 12650
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

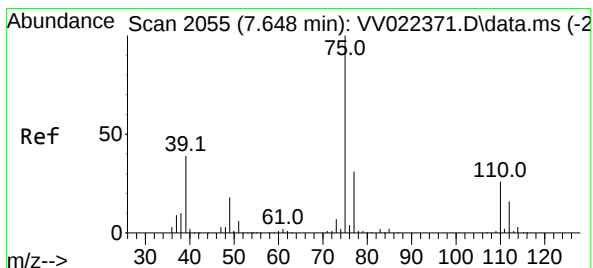
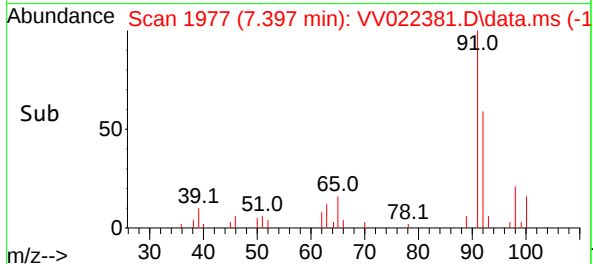
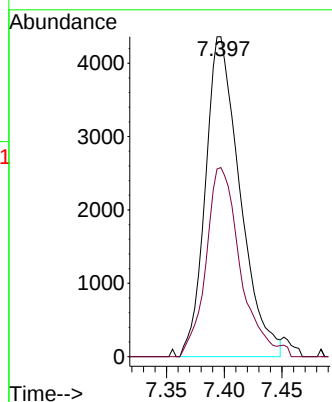
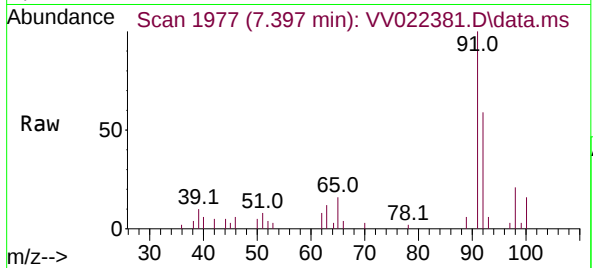




#42
Toluene
Concen: 1.162 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV022381.D
Acq: 29 Sep 2021 16:32

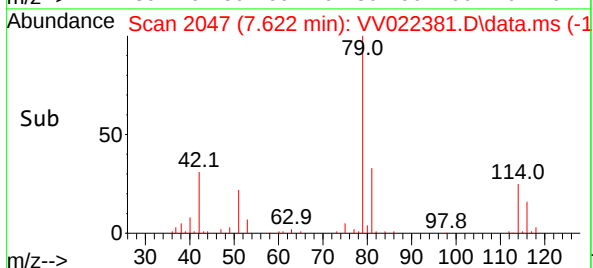
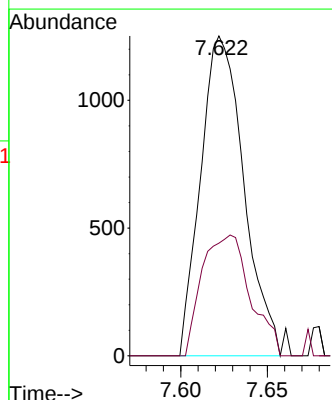
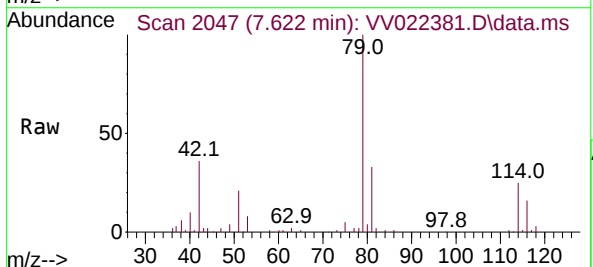
Instrument :
MSVOA_V
ClientSampleId :
F4A00

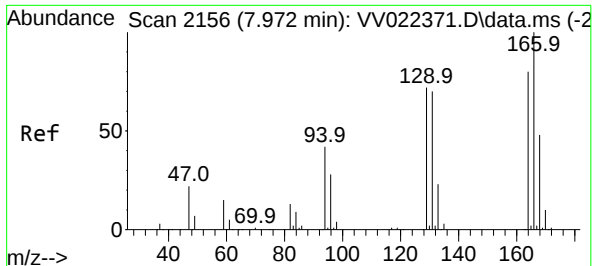
Tgt Ion: 91 Resp: 9064
Ion Ratio Lower Upper
91 100
92 59.1 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 0.822 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV022381.D
Acq: 29 Sep 2021 16:32

Tgt Ion: 75 Resp: 2166
Ion Ratio Lower Upper
75 100
77 35.2 22.3 41.3



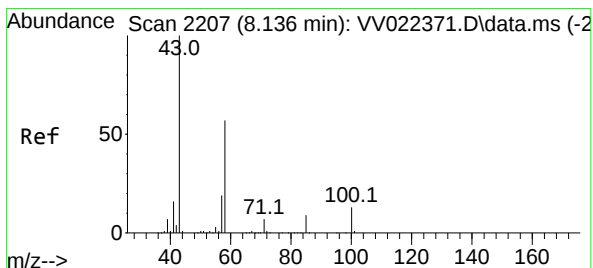
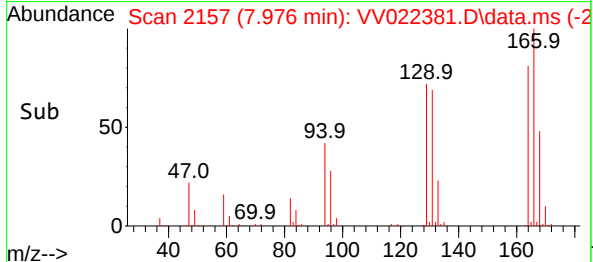
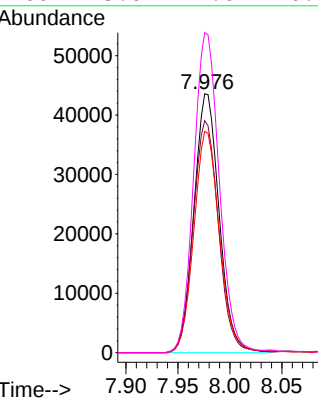
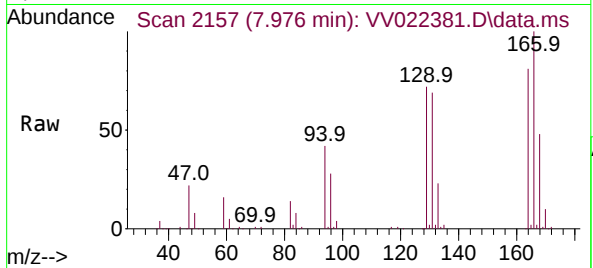


#46
Tetrachloroethene
Concen: 47.623 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022381.D
Acq: 29 Sep 2021 16:32

Instrument :
MSVOA_V
ClientSampled :
F4A00

Tgt Ion:164 Resp: 73686

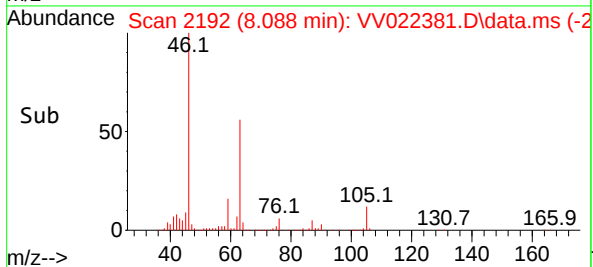
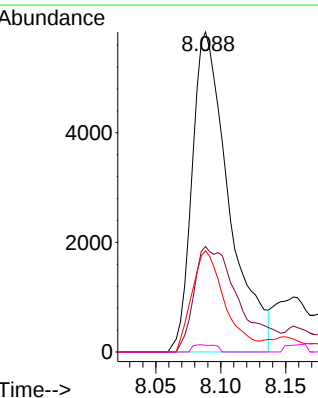
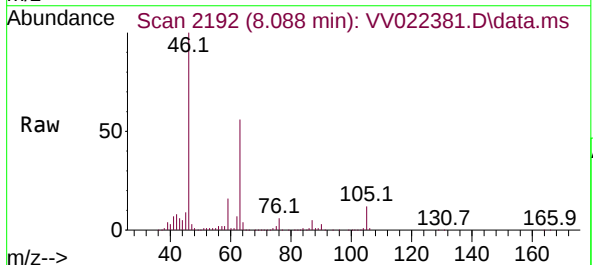
Ion	Ratio	Lower	Upper
164	100		
129	89.6	66.4	123.4
131	85.4	63.6	118.0
166	123.6	91.6	170.0

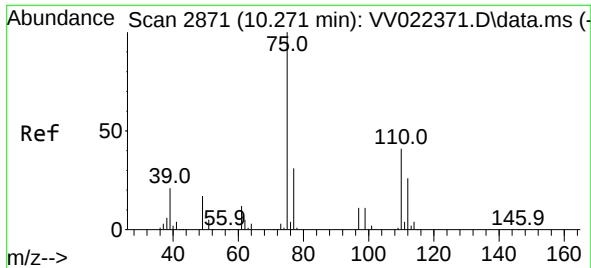


#48
2-Hexanone
Concen: 5.708 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV022381.D
Acq: 29 Sep 2021 16:32

Tgt Ion: 43 Resp: 11438

Ion	Ratio	Lower	Upper
43	100		
58	18.3	45.4	68.2#
57	28.9	15.0	22.4#
100	1.0	10.7	16.1#





#61
 1,2,3-Trichloropropane
 Concen: 6.214 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.978 min
 Lab File: VV022381.D
 Acq: 29 Sep 2021 16:32

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Tgt Ion:	75	Resp:	12294
Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.0
110	2.1	32.6	48.8#

