

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022466.D
 Acq On : 01 Oct 2021 05:18
 Operator : SY/MD
 Sample : M3997-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A47

Quant Time: Oct 01 06:28:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

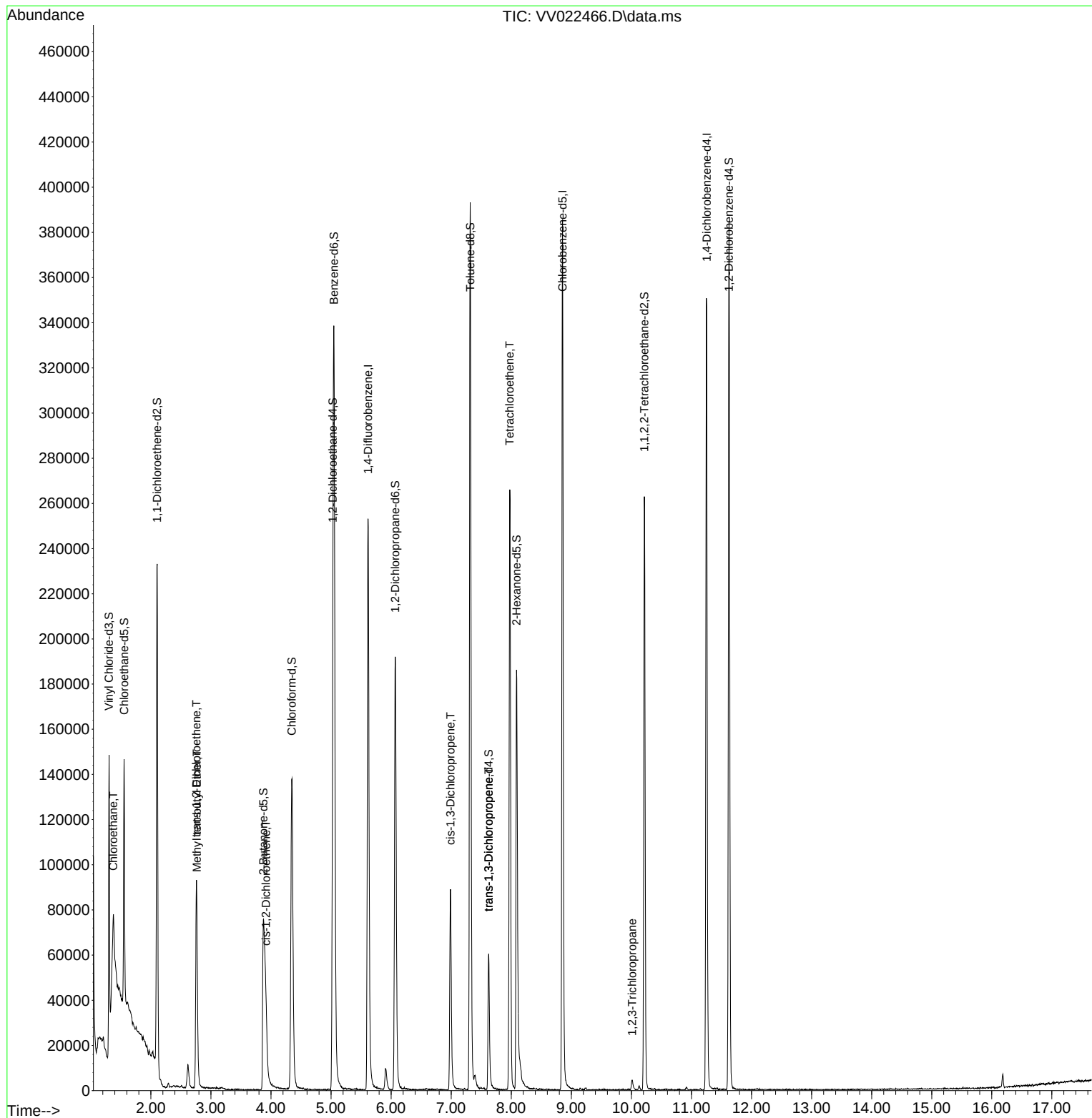
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	226429	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	218248	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	96050	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81988	42.666	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.340%		
7) Chloroethane-d5	1.555	69	69154	45.500	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.000%		
11) 1,1-Dichloroethene-d2	2.101	63	113498	33.972	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.940%		
21) 2-Butanone-d5	3.873	46	106315	78.395	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.400%		
24) Chloroform-d	4.346	84	145997	42.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.160%		
26) 1,2-Dichloroethane-d4	5.031	65	90075	42.331	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.660%		
32) Benzene-d6	5.050	84	299589	43.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.260%		
36) 1,2-Dichloropropane-d6	6.069	67	96177	43.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.580%		
41) Toluene-d8	7.317	98	261696	41.643	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.280%		
43) trans-1,3-Dichloroprop...	7.622	79	35348	35.242	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.480%		
47) 2-Hexanone-d5	8.088	63	63586	71.243	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.240%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	124526	39.055	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.100%		
66) 1,2-Dichlorobenzene-d4	11.625	152	103952	48.671	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.340%		
Target Compounds						Qvalue
8) Chloroethane	1.375	64	244477	194.680	ug/L #	51
17) trans-1,2-Dichloroethene	2.757	96	29818	17.360	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	22200	4.346	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	14910	8.150	ug/L	95
39) cis-1,3-Dichloropropene	6.989	75	2376	0.944	ug/L #	69
44) trans-1,3-Dichloropropene	7.622	75	1640	0.683	ug/L	89
46) Tetrachloroethene	7.976	164	61567	43.655	ug/L	97
61) 1,2,3-Trichloropropane	10.011	75	3092	1.725	ug/L #	38

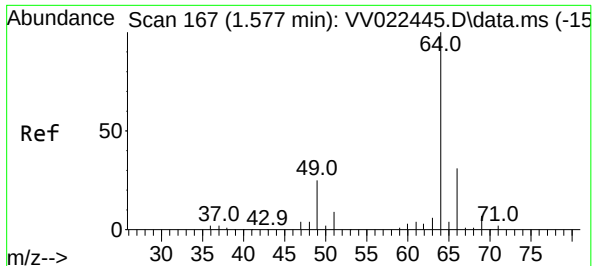
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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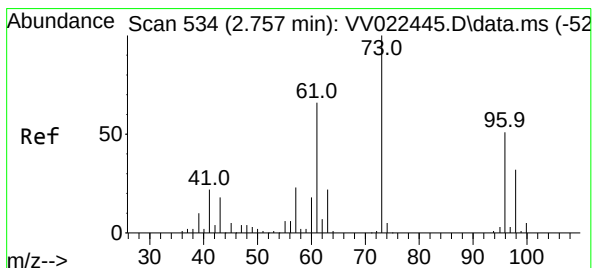
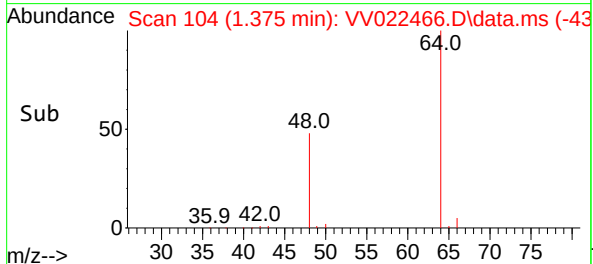
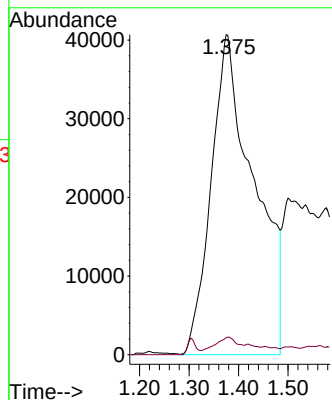
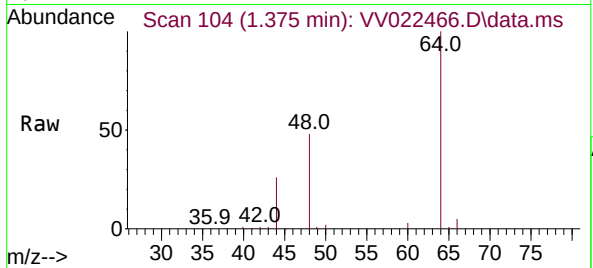




#8
Chloroethane
Concen: 194.680 ug/L
RT: 1.375 min Scan# 104
Delta R.T. -0.203 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

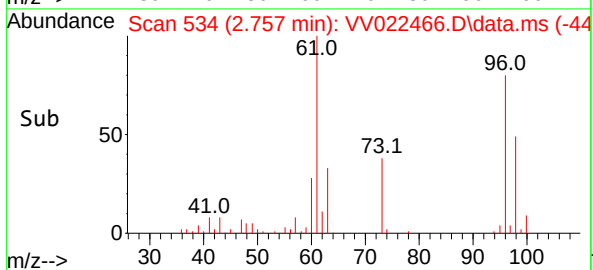
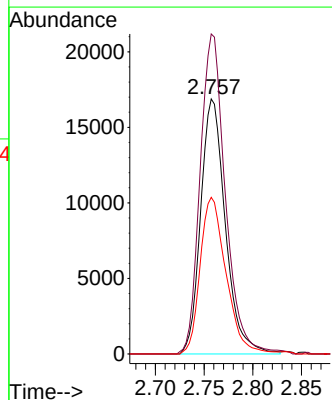
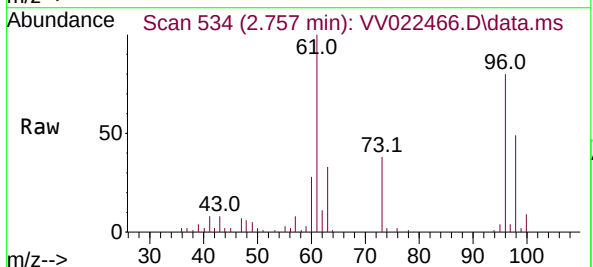
Instrument :
MSVOA_V
ClientSampleId :
F4A47

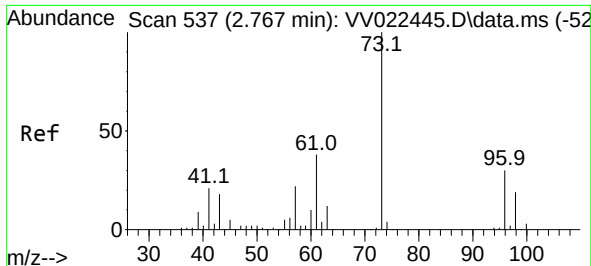
Tgt Ion: 64 Resp: 244477
Ion Ratio Lower Upper
64 100
66 5.3 23.0 42.8#



#17
trans-1,2-Dichloroethene
Concen: 17.360 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

Tgt Ion: 96 Resp: 29818
Ion Ratio Lower Upper
96 100
61 125.5 92.7 172.1
98 61.4 44.4 82.5

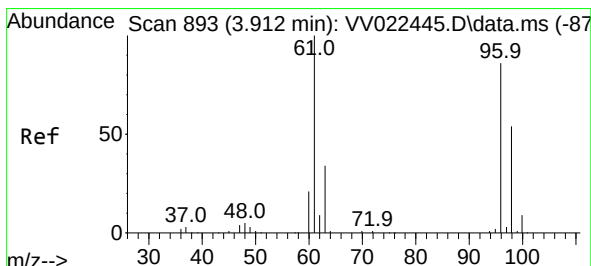
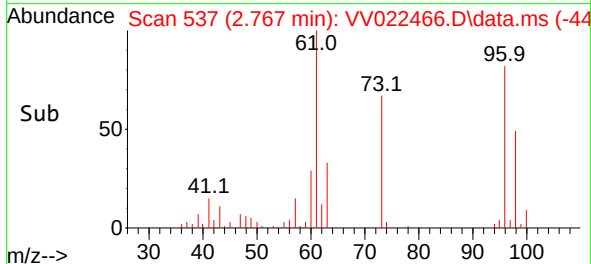
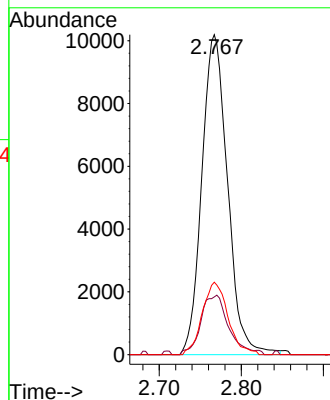
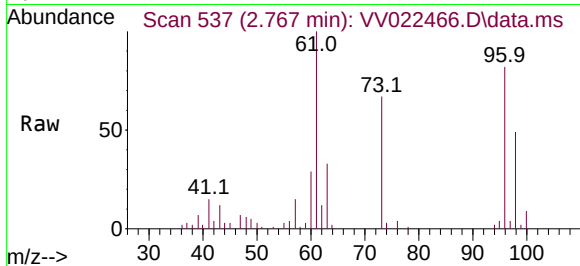




#18
Methyl tert-butyl Ether
Concen: 4.346 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

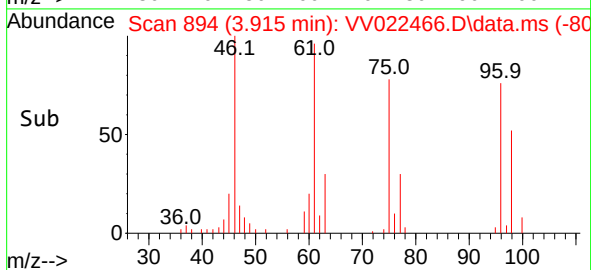
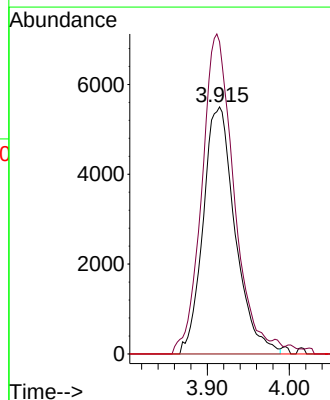
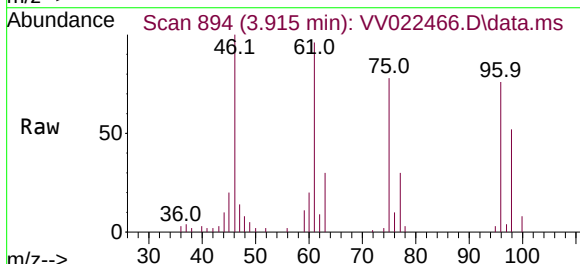
Instrument :
MSVOA_V
ClientSampled :
F4A47

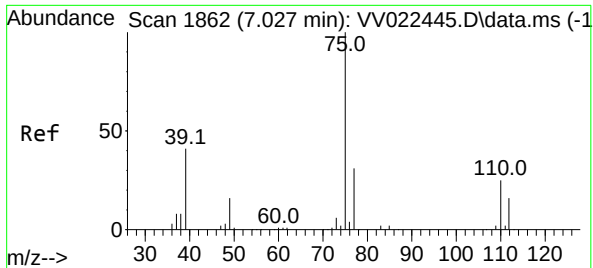
Tgt Ion: 73	Resp: 22200
Ion Ratio	Lower Upper
73 100	
43 19.8	14.6 21.8
57 22.7	17.6 26.4



#20
cis-1,2-Dichloroethene
Concen: 8.150 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

Tgt Ion: 96	Resp: 14910
Ion Ratio	Lower Upper
96 100	
61 126.4	84.6 157.0
68 0.0	0.0 0.0



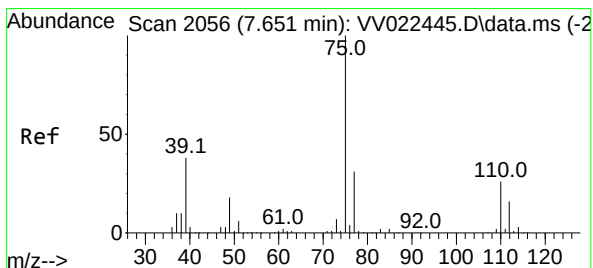
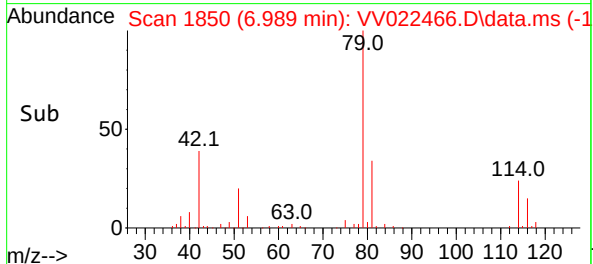
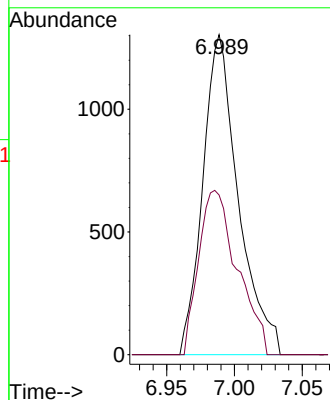
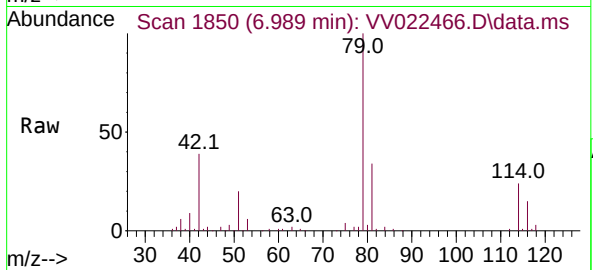


#39

cis-1,3-Dichloropropene
Concen: 0.944 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

Instrument :
MSVOA_V
ClientSampled :
F4A47

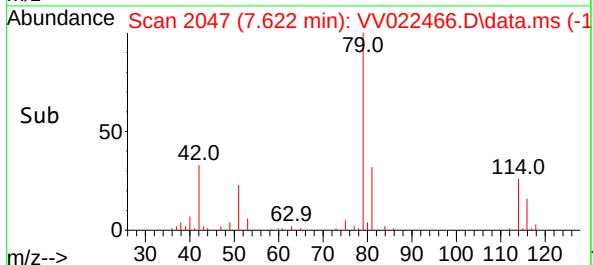
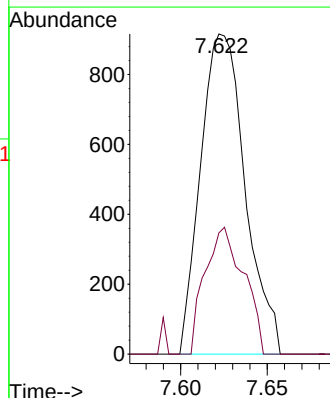
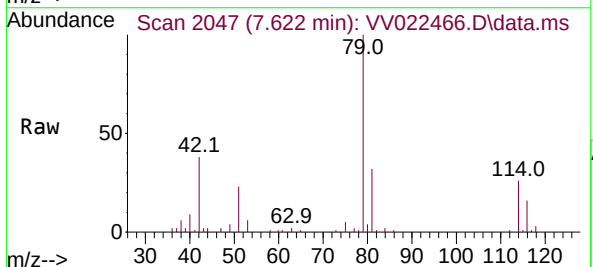
Tgt Ion: 75 Resp: 2376
Ion Ratio Lower Upper
75 100
77 49.9 22.7 42.1#

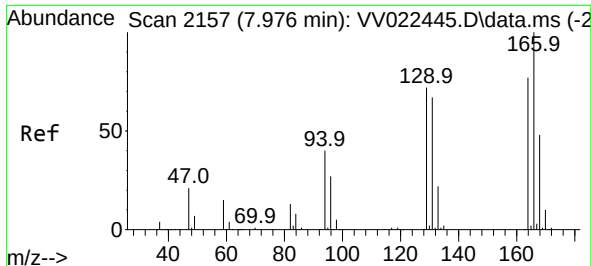


#44

trans-1,3-Dichloropropene
Concen: 0.683 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

Tgt Ion: 75 Resp: 1640
Ion Ratio Lower Upper
75 100
77 37.9 22.3 41.3



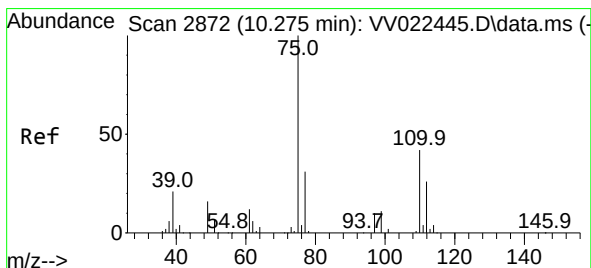
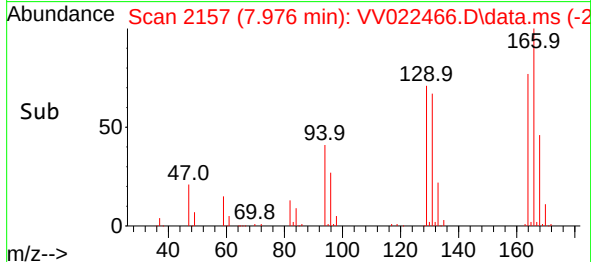
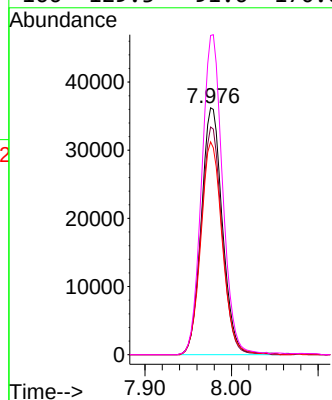
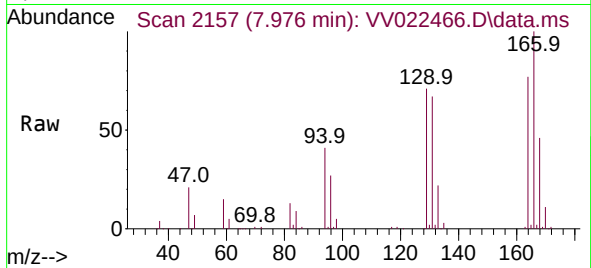


#46
Tetrachloroethene
Concen: 43.655 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

Instrument :
MSVOA_V
ClientSampled :
F4A47

Tgt Ion:164 Resp: 61567

Ion	Ratio	Lower	Upper
164	100		
129	92.2	66.4	123.4
131	86.2	63.6	118.0
166	129.3	91.6	170.0



#61
1,2,3-Trichloropropane
Concen: 1.725 ug/L
RT: 10.011 min Scan# 2790
Delta R.T. -0.264 min
Lab File: VV022466.D
Acq: 01 Oct 2021 05:18

Tgt Ion: 75 Resp: 3092

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
110	0.0	32.6	48.8#

