

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050621\
 Data File : VW021311.D
 Acq On : 06 May 2021 16:49
 Operator : SY/MD
 Sample : M2320-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 03:58:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 07 03:56:18 2021
 Response via : Initial Calibration

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

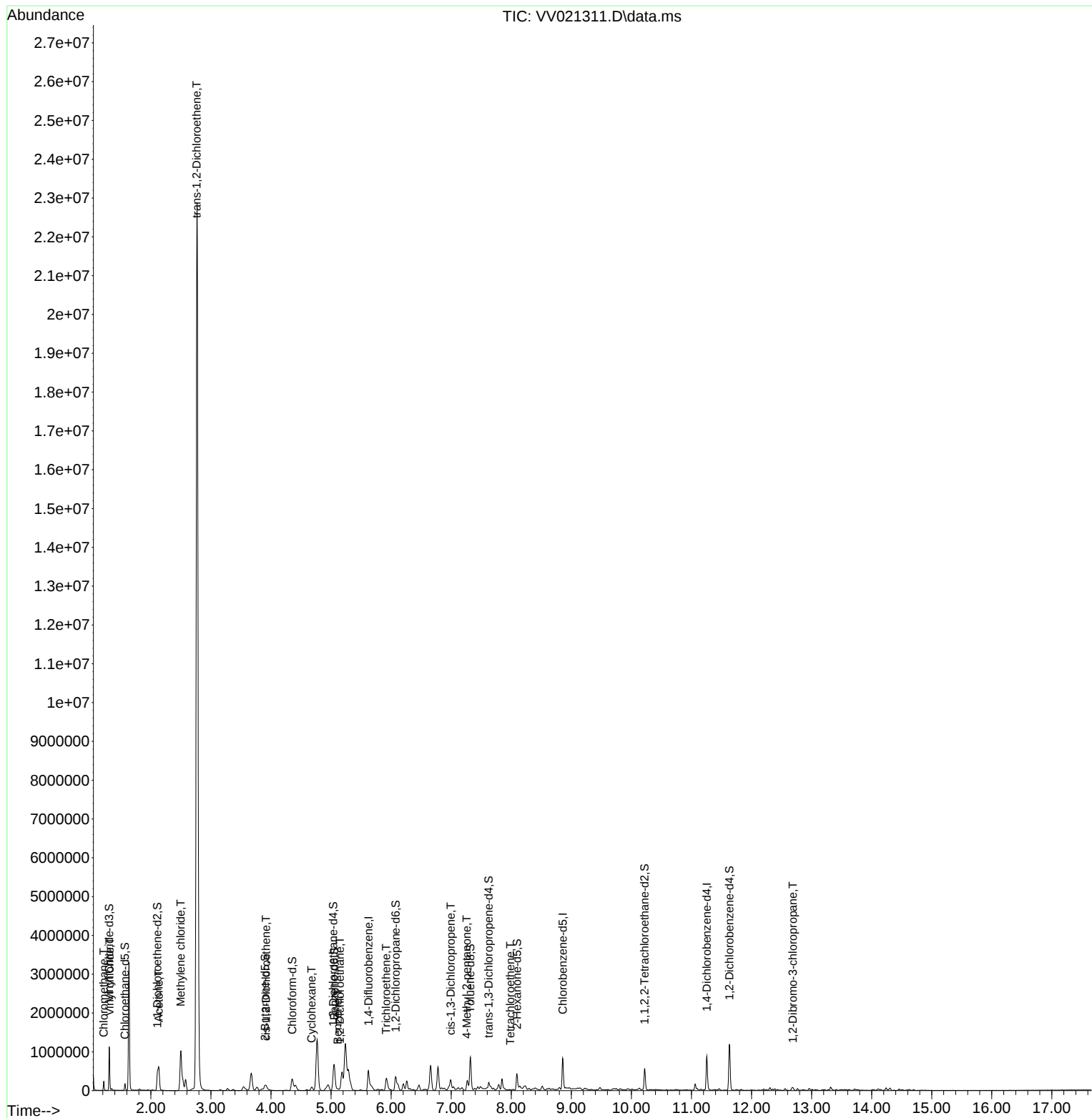
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	429047	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	426519	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	226579	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	117228	61.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 123.18%			
7) Chloroethane-d5	1.568	69	96113	56.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.02%			
11) 1,1-Dichloroethene-d2	2.108	63	215699	40.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.26%			
21) 2-Butanone-d5	3.902	46	159355	104.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.34%			
24) Chloroform-d	4.352	84	303692	50.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.26%			
26) 1,2-Dichloroethane-d4	5.037	65	243304	53.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.32%			
32) Benzene-d6	5.053	84	530219	53.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.96%			
36) 1,2-Dichloropropane-d6	6.075	67	137240	54.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.78%			
41) Toluene-d8	7.320	98	518043	50.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.78%			
43) trans-1,3-Dichloroprop...	7.625	79	90122	48.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.04%			
47) 2-Hexanone-d5	8.095	63	121822	104.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.55%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	201752	49.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.94%			
66) 1,2-Dichlorobenzene-d4	11.632	152	239567	53.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.30%			
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1829	0.88	ug/L #	42
5) Vinyl chloride	1.314	62	2054	0.79	ug/L #	41
13) Acetone	2.130	43	145612	80.67	ug/L	76
16) Methylene chloride	2.497	84	5476	1.99	ug/L #	1
17) trans-1,2-Dichloroethene	2.764	96	23641	8.79	ug/L	94
20) cis-1,2-Dichloroethene	3.915	96	27797	9.40	ug/L	89
27) 1,2-Dichloroethane	5.146	62	14545	2.60	ug/L #	56
29) Cyclohexane	4.674	56	16445	4.59	ug/L	85
33) Benzene	5.111	78	13125	1.20	ug/L	100
34) Trichloroethene	5.918	95	90559	25.79	ug/L	94
39) cis-1,3-Dichloropropene	6.992	75	7321	1.63	ug/L #	39
40) 4-Methyl-2-pentanone	7.259	43	6677	2.05	ug/L #	73
46) Tetrachloroethene	7.985	164	2771	0.92	ug/L	84
68) 1,2-Dibromo-3-chloropr...	12.689	75	1081	0.84	ug/L #	1

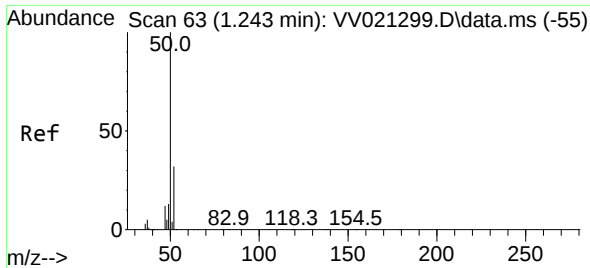
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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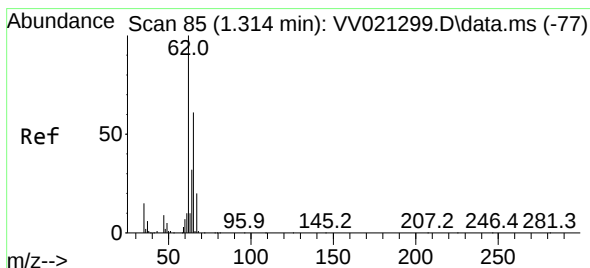
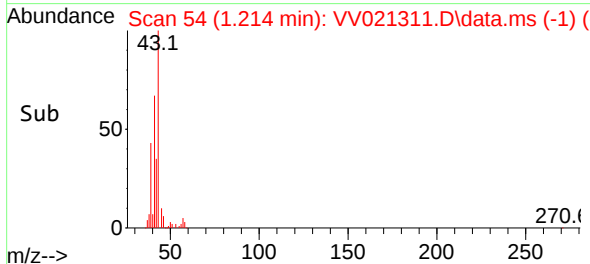
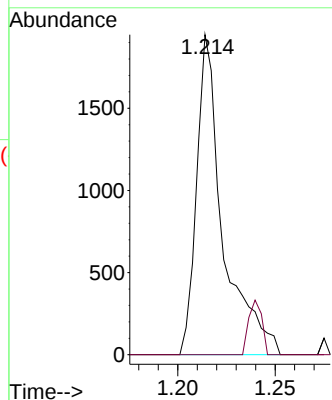
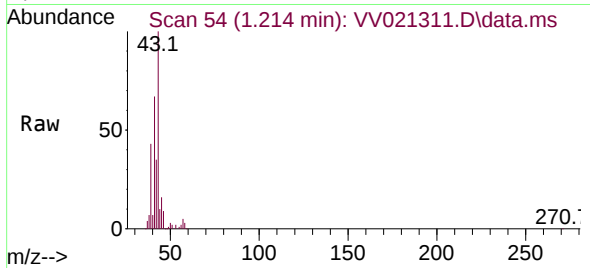




#3
Chloromethane
Concen: 0.88 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.029 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

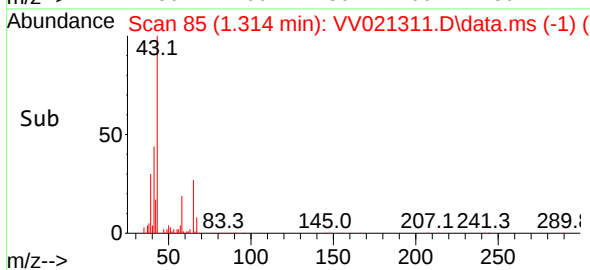
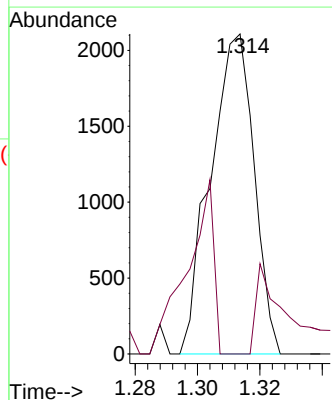
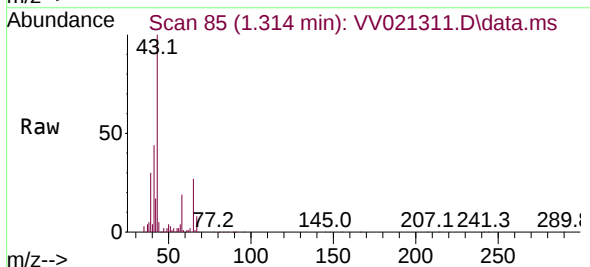
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MSVOA_V
ClientSampled :

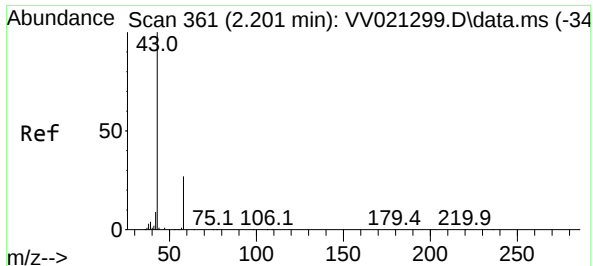
Tgt Ion: 50 Resp: 1829
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#5
Vinyl chloride
Concen: 0.79 ug/L
RT: 1.314 min Scan# 85
Delta R.T. -0.000 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

Tgt Ion: 62 Resp: 2054
Ion Ratio Lower Upper
62 100
64 0.0 23.2 43.2#

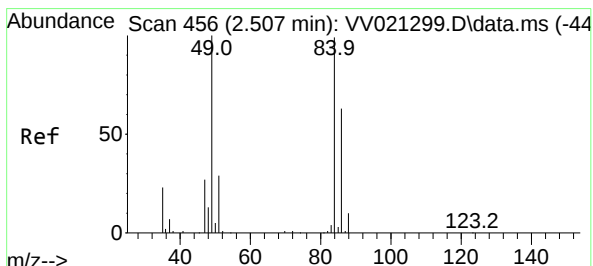
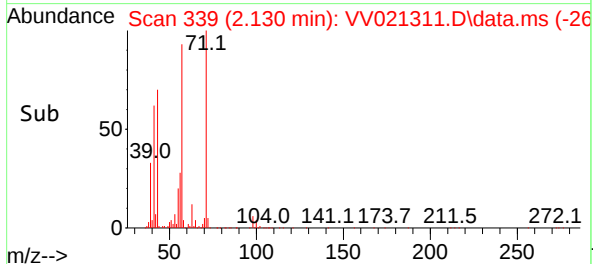
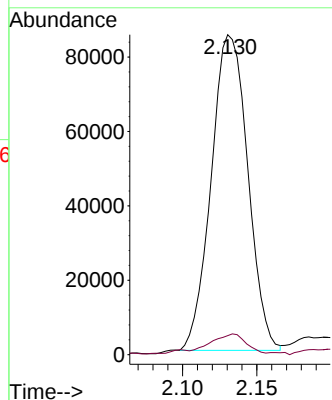
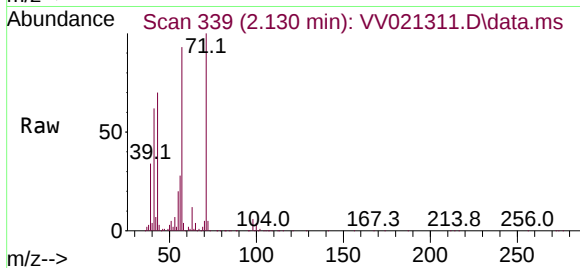




#13
Acetone
Concen: 80.67 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.071 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

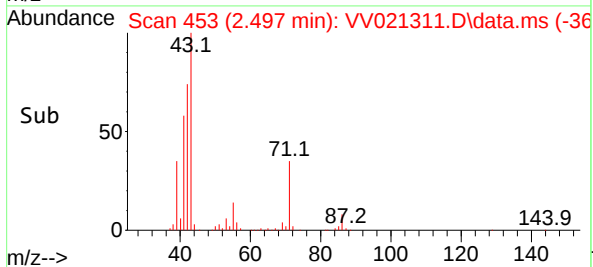
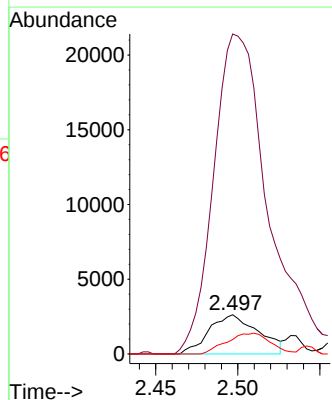
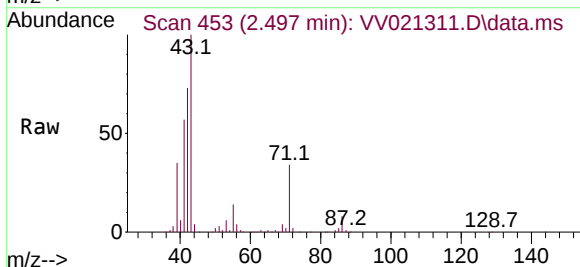
Instrument :
MSVOA_V
ClientSampleId :

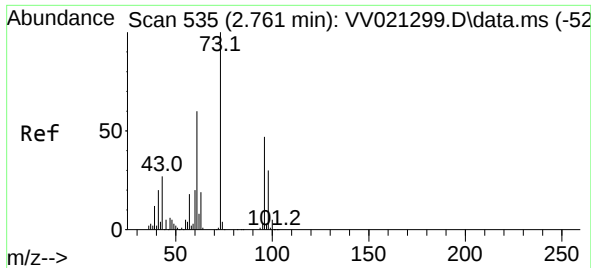
Tgt Ion: 43 Resp: 145612
Ion Ratio Lower Upper
43 100
58 5.5 0.0 30.8



#16
Methylene chloride
Concen: 1.99 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.010 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

Tgt Ion: 84 Resp: 5476
Ion Ratio Lower Upper
84 100
86 817.1 44.9 83.5#
49 36.8 78.1 145.1#

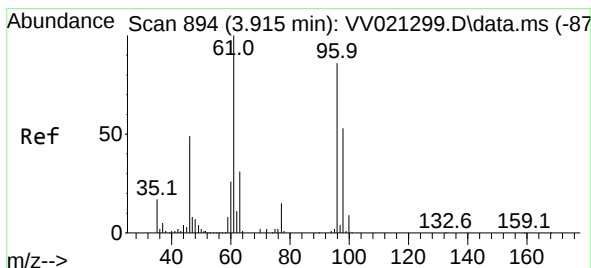
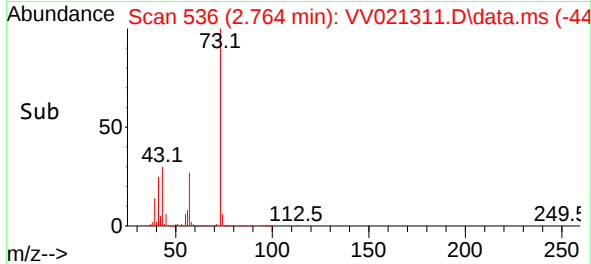
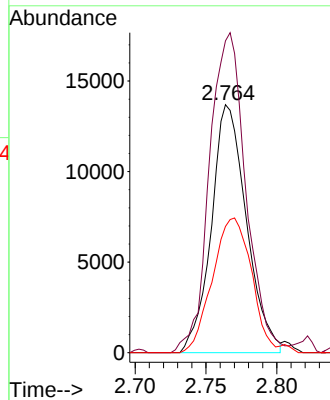
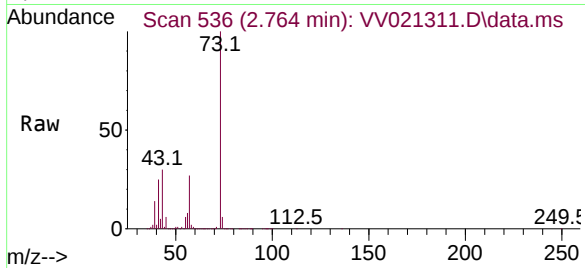




#17
trans-1,2-Dichloroethene
Concen: 8.79 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

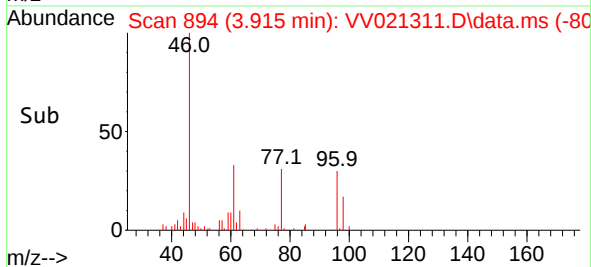
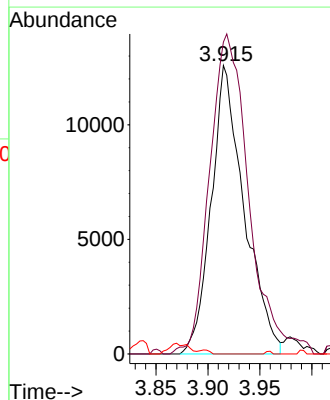
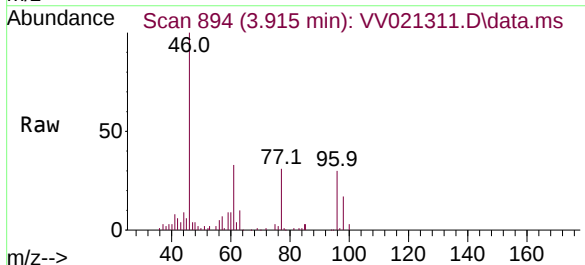
Instrument :
MSVOA_V
ClientSampleId :

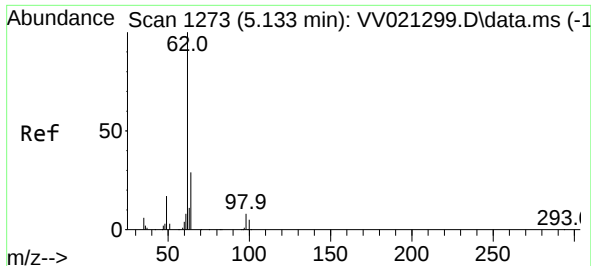
Tgt Ion: 96 Resp: 23641
Ion Ratio Lower Upper
96 100
61 125.8 89.3 165.9
98 50.9 44.1 81.9



#20
cis-1,2-Dichloroethene
Concen: 9.40 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

Tgt Ion: 96 Resp: 27797
Ion Ratio Lower Upper
96 100
61 108.1 84.4 156.7
68 0.0 0.0 0.0

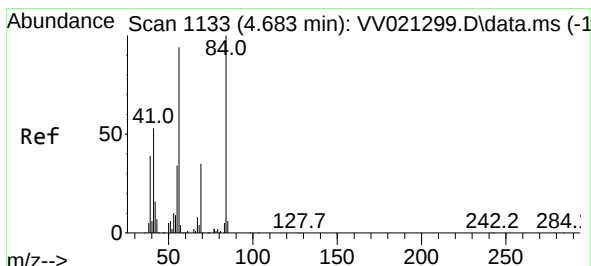
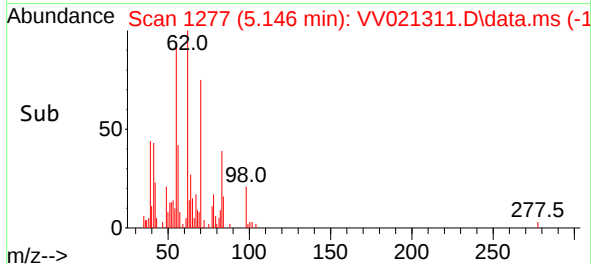
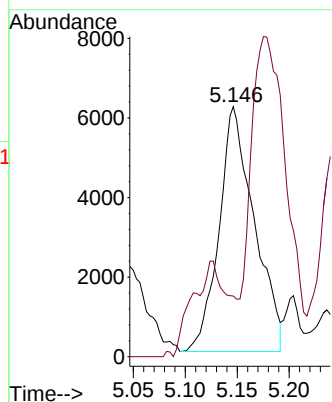
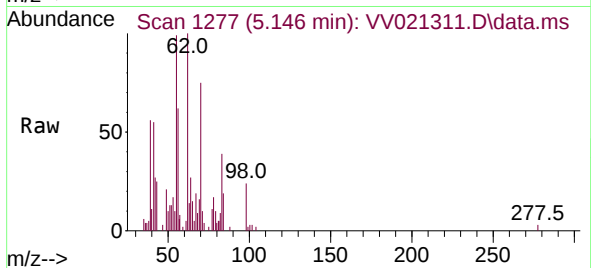




#27
1,2-Dichloroethane
Concen: 2.60 ug/L
RT: 5.146 min Scan# 1277
Delta R.T. 0.013 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

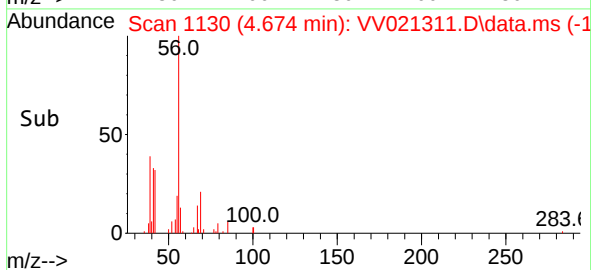
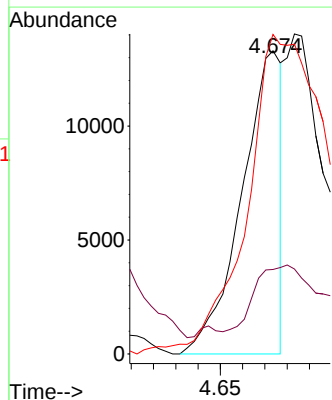
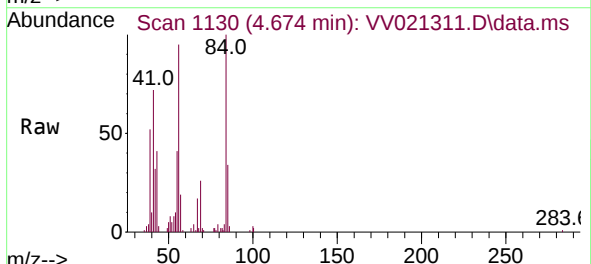
Instrument :
MSVOA_V
ClientSampled :

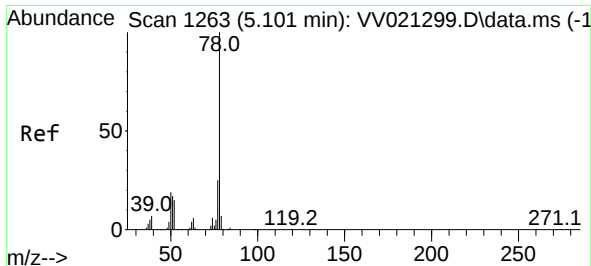
Tgt Ion: 62 Resp: 14545
Ion Ratio Lower Upper
62 100
98 24.2 6.7 10.1#



#29
Cyclohexane
Concen: 4.59 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.010 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

Tgt Ion: 56 Resp: 16445
Ion Ratio Lower Upper
56 100
69 37.2 25.7 38.5
84 111.5 75.7 113.5

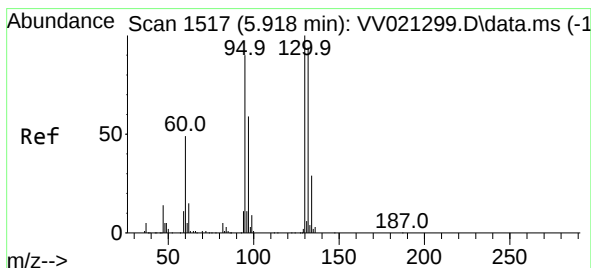
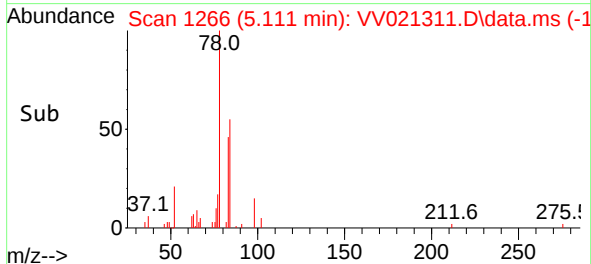
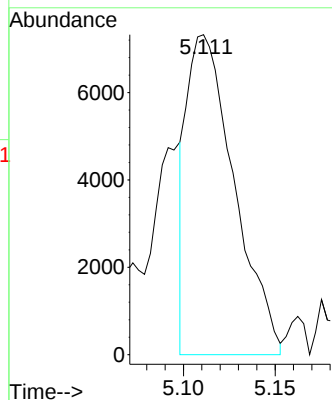
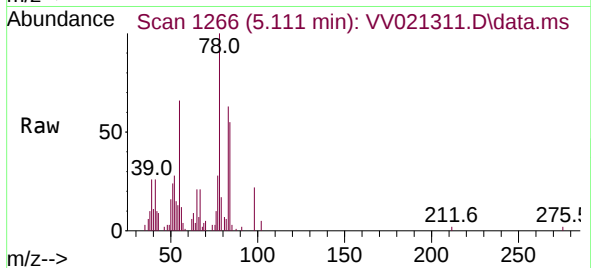




#33
Benzene
Concen: 1.20 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.010 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

Instrument :
MSVOA_V
ClientSampled :

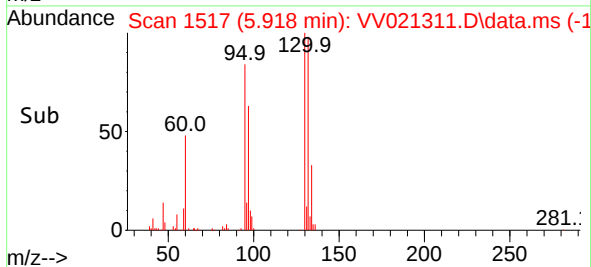
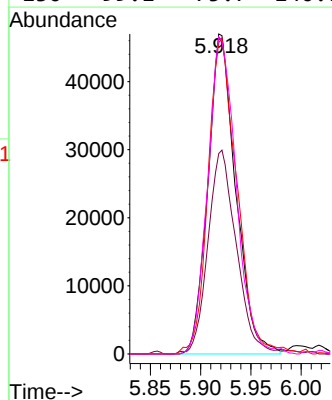
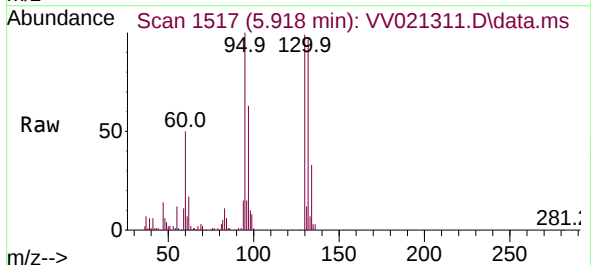
Tgt Ion: 78 Resp: 13125

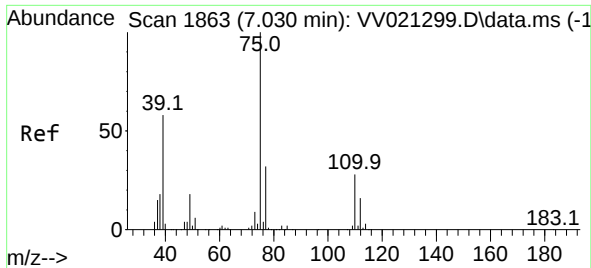


#34
Trichloroethene
Concen: 25.79 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

Tgt Ion: 95 Resp: 90559

Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.5	84.5
132	97.3	71.0	131.8
130	99.1	75.7	140.7

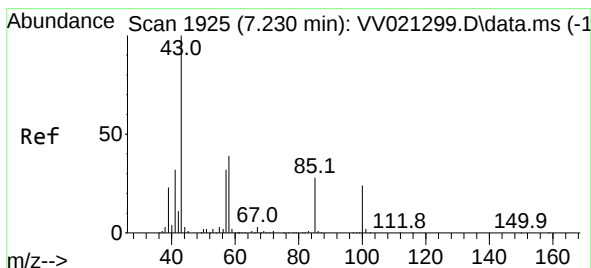
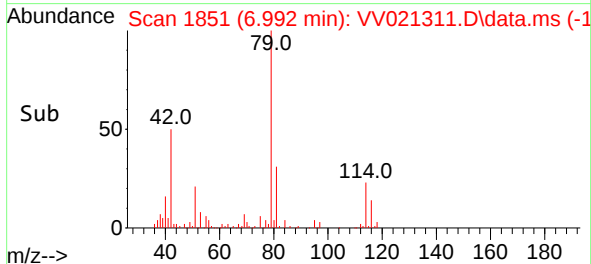
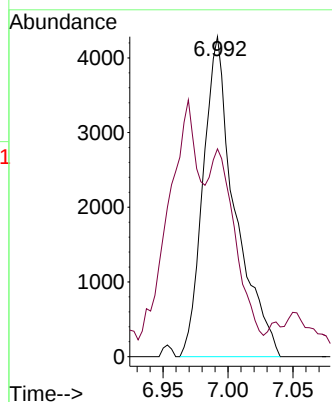
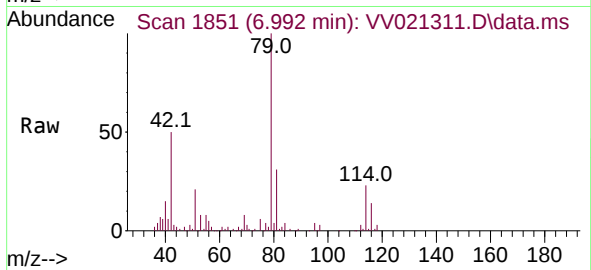




#39
 cis-1,3-Dichloropropene
 Concen: 1.63 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.039 min
 Lab File: VV021311.D
 Acq: 06 May 2021 16:49

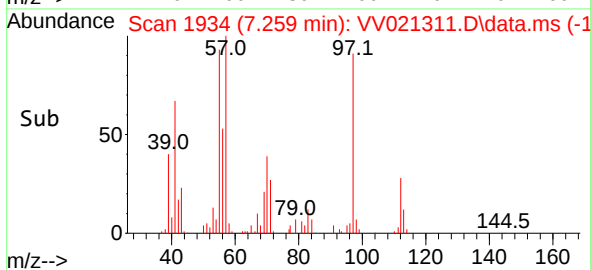
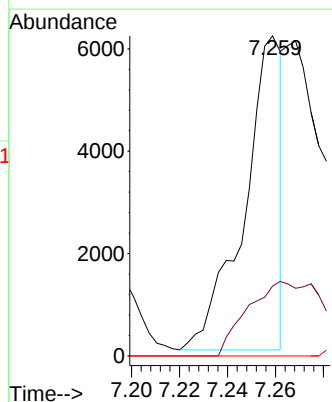
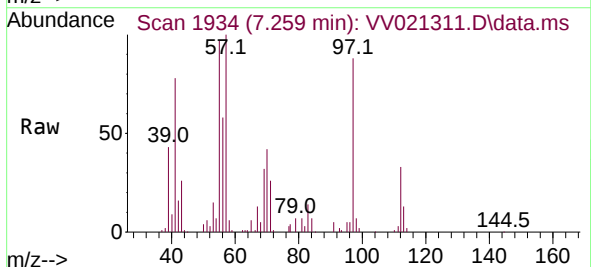
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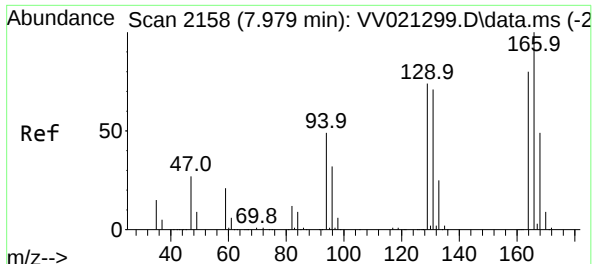
Tgt Ion: 75 Resp: 7321
 Ion Ratio Lower Upper
 75 100
 77 64.9 21.8 40.6#



#40
 4-Methyl-2-pentanone
 Concen: 2.05 ug/L
 RT: 7.259 min Scan# 1934
 Delta R.T. 0.029 min
 Lab File: VV021311.D
 Acq: 06 May 2021 16:49

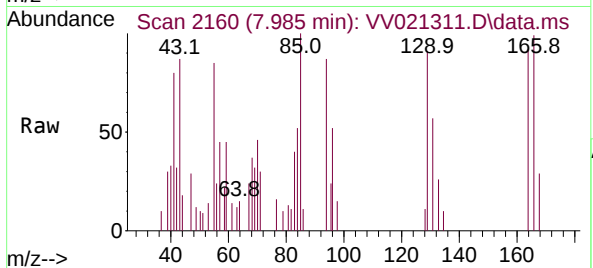
Tgt Ion: 43 Resp: 6677
 Ion Ratio Lower Upper
 43 100
 58 30.4 34.5 51.7#
 100 0.0 15.2 22.8#





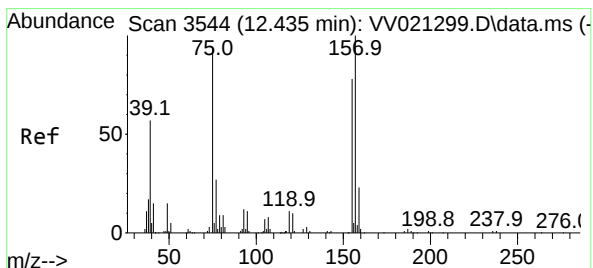
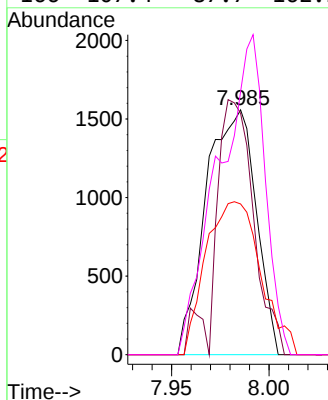
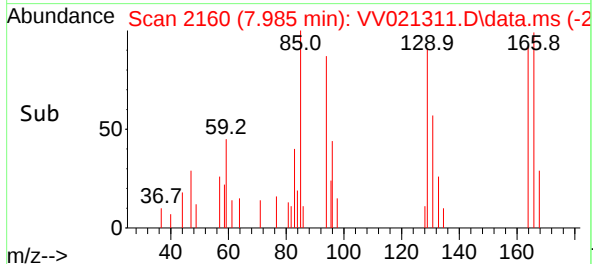
#46
Tetrachloroethene
Concen: 0.92 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.006 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

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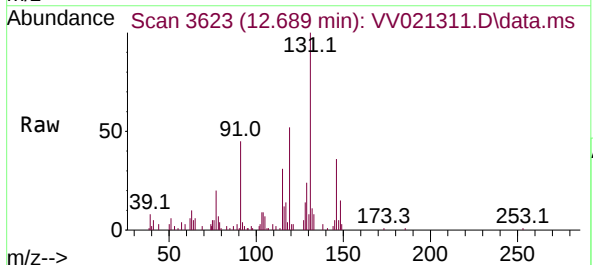


Tgt Ion:164 Resp: 2771

Ion	Ratio	Lower	Upper
164	100		
129	98.6	63.8	118.4
131	61.6	59.3	110.1
166	107.4	87.7	162.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.84 ug/L
RT: 12.689 min Scan# 3623
Delta R.T. 0.254 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49



Tgt Ion: 75 Resp: 1081

Ion	Ratio	Lower	Upper
75	100		
155	0.0	72.8	109.2#
157	0.0	94.6	142.0#

