

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050721\
 Data File : VW021332.D
 Acq On : 07 May 2021 17:46
 Operator : SY/MD
 Sample : M2320-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 08 00:38:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 08 00:36:06 2021
 Response via : Initial Calibration

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

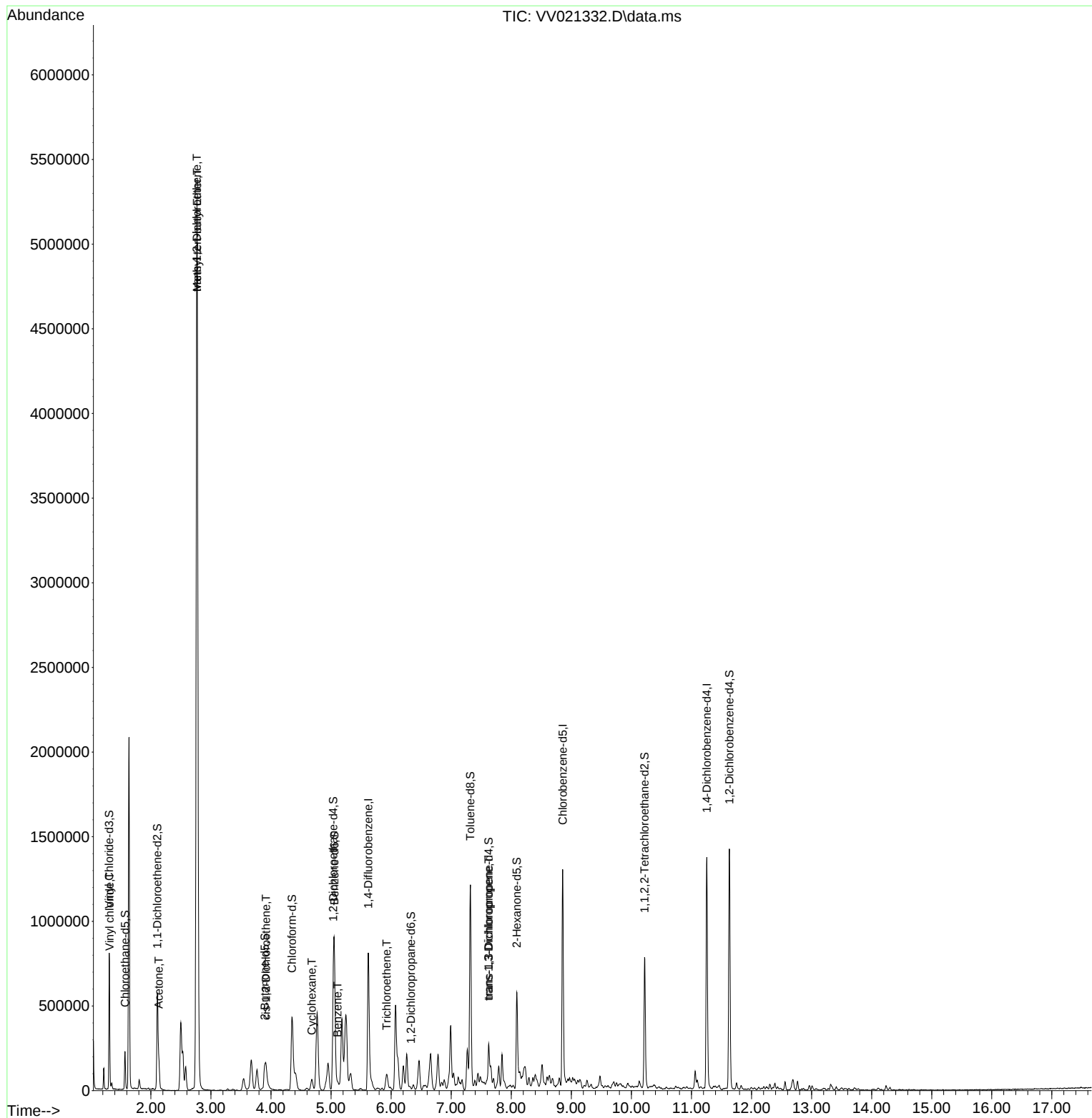
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	680289	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	667066	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	356765	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	138935	46.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.08%		
7) Chloroethane-d5	1.571	69	127847	47.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.82%		
11) 1,1-Dichloroethene-d2	2.108	63	275608	32.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.48%		
21) 2-Butanone-d5	3.896	46	208111	85.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.94%		
24) Chloroform-d	4.349	84	418901	43.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.22%		
26) 1,2-Dichloroethane-d4	5.037	65	335059	46.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.20%		
32) Benzene-d6	5.056	84	730411	47.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.08%		
36) 1,2-Dichloropropane-d6	6.330	67	277	0.07	ug/L	0.26
Spiked Amount 50.000	Range 70 - 120		Recovery =	0.14%#		
41) Toluene-d8	7.320	98	743189	46.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.36%		
43) trans-1,3-Dichloroprop...	7.625	79	127931	43.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.16%		
47) 2-Hexanone-d5	8.092	63	158388	86.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.91%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	290298	45.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.94%		
66) 1,2-Dichlorobenzene-d4	11.632	152	335291	47.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.38%		
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	3384	0.82	ug/L #	41
13) Acetone	2.130	43	42719	14.93	ug/L	79
17) trans-1,2-Dichloroethene	2.767	96	44276	10.38	ug/L	92
18) Methyl tert-butyl Ether	2.770	73	4313302	282.07	ug/L #	80
20) cis-1,2-Dichloroethene	3.918	96	32611	6.95	ug/L	99
29) Cyclohexane	4.680	56	23655	4.22	ug/L #	64
33) Benzene	5.108	78	27044	1.58	ug/L	100
34) Trichloroethene	5.924	95	15780	2.87	ug/L	93
44) trans-1,3-Dichloropropene	7.622	75	7109	0.93	ug/L #	61

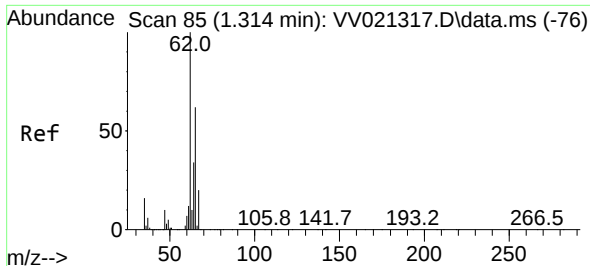
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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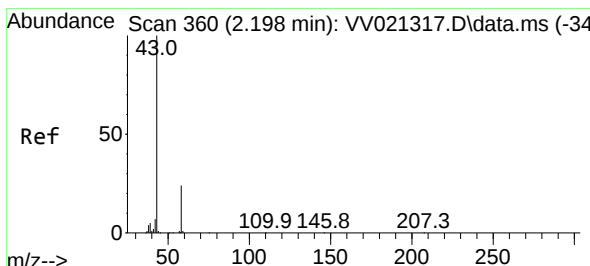
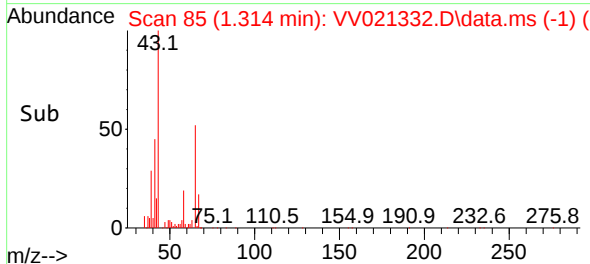
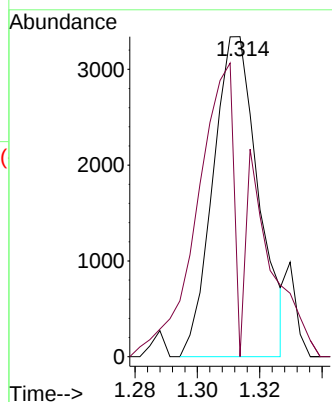
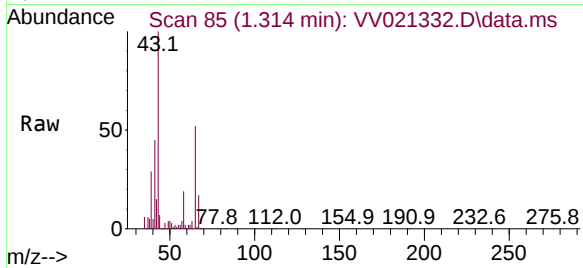




#5
 Vinyl chloride
 Concen: 0.82 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV021332.D
 Acq: 07 May 2021 17:46

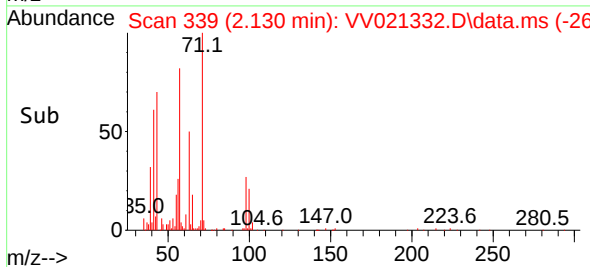
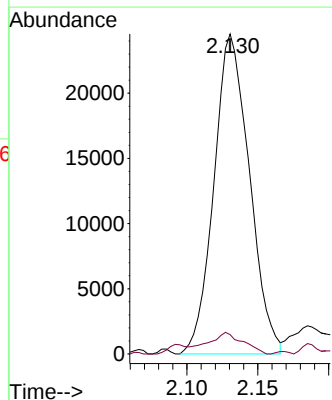
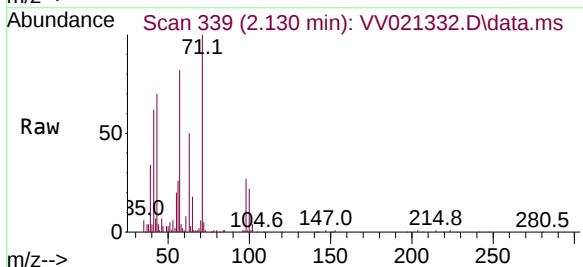
Instrument :
 MSVOA_V
 ClientSampled :

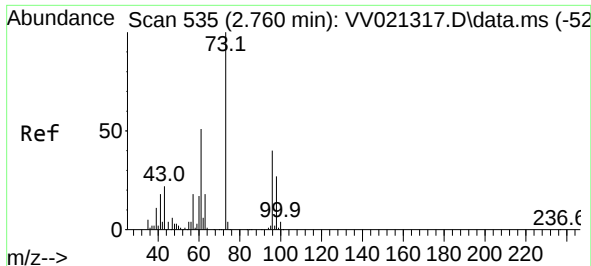
Tgt Ion: 62 Resp: 3384
 Ion Ratio Lower Upper
 62 100
 64 0.0 23.2 43.2#



#13
 Acetone
 Concen: 14.93 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.067 min
 Lab File: VV021332.D
 Acq: 07 May 2021 17:46

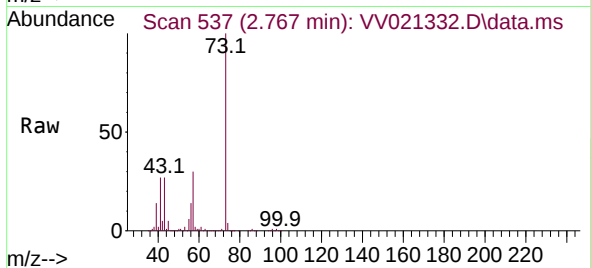
Tgt Ion: 43 Resp: 42719
 Ion Ratio Lower Upper
 43 100
 58 6.6 0.0 30.8



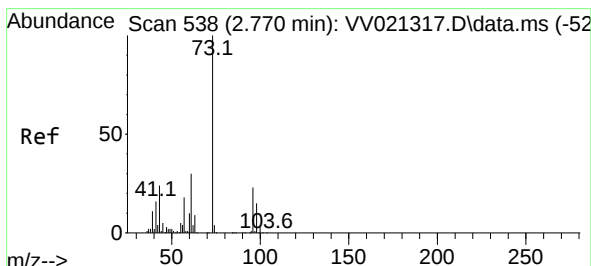
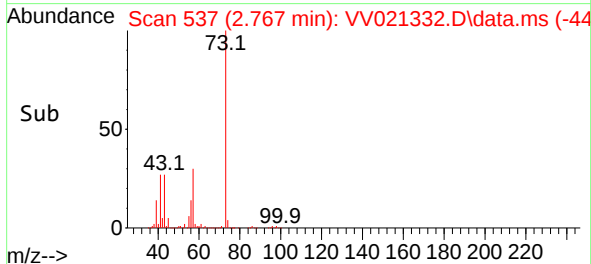
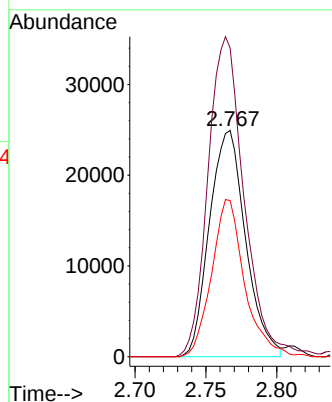


#17
trans-1,2-Dichloroethene
Concen: 10.38 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.007 min
Lab File: VV021332.D
Acq: 07 May 2021 17:46

Instrument :
MSVOA_V
ClientSampleId :

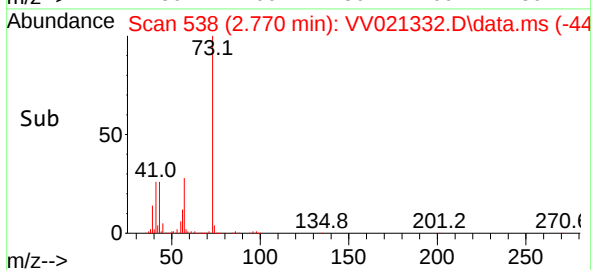
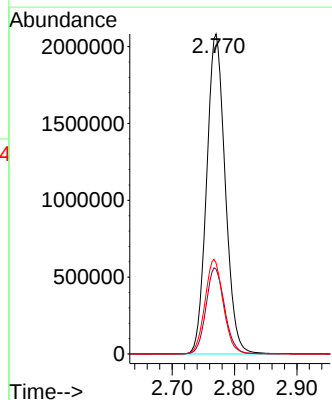
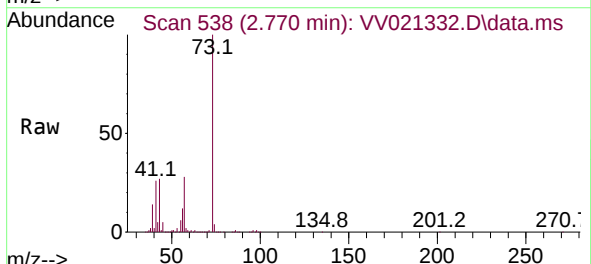


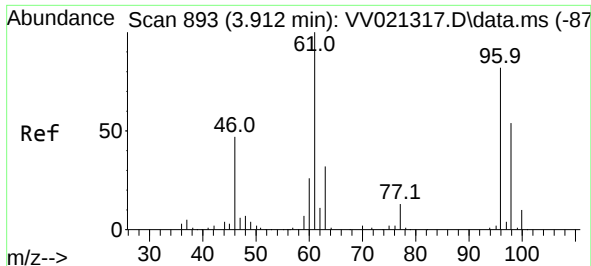
Tgt Ion: 96 Resp: 44276
Ion Ratio Lower Upper
96 100
61 136.4 89.3 165.9
98 69.0 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 282.07 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV021332.D
Acq: 07 May 2021 17:46

Tgt Ion: 73 Resp: 4313302
Ion Ratio Lower Upper
73 100
43 26.9 14.7 22.1#
57 29.2 15.9 23.9#





#20

cis-1,2-Dichloroethene

Concen: 6.95 ug/L

RT: 3.918 min Scan# 895

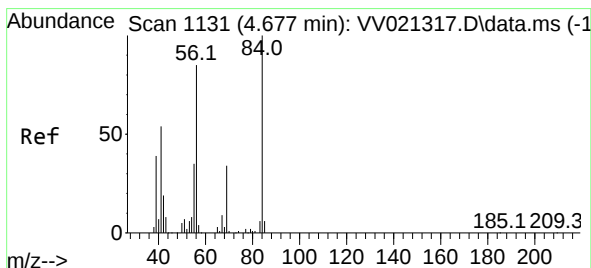
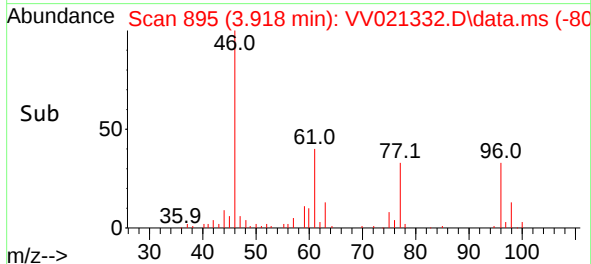
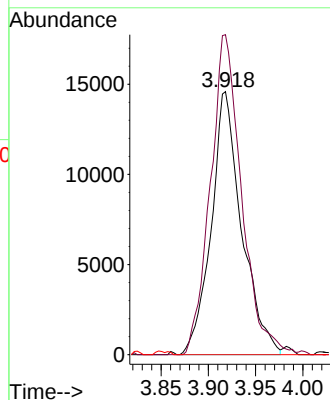
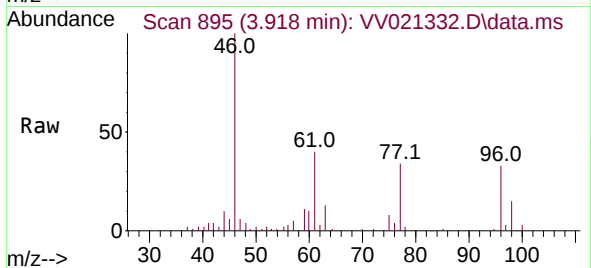
Delta R.T. 0.007 min

Lab File: VV021332.D

Acq: 07 May 2021 17:46

Tgt Ion: 96 Resp: 32611

Ion	Ratio	Lower	Upper
96	100		
61	121.6	84.4	156.7
68	0.0	0.0	0.0



#29

Cyclohexane

Concen: 4.22 ug/L

RT: 4.680 min Scan# 1132

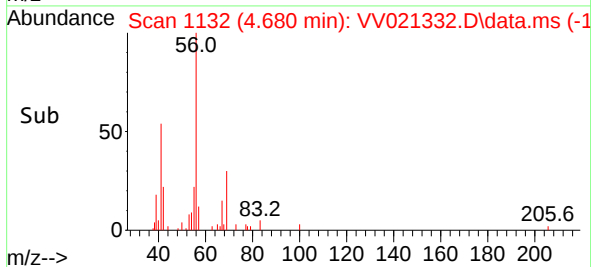
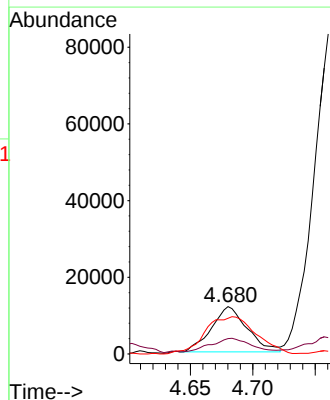
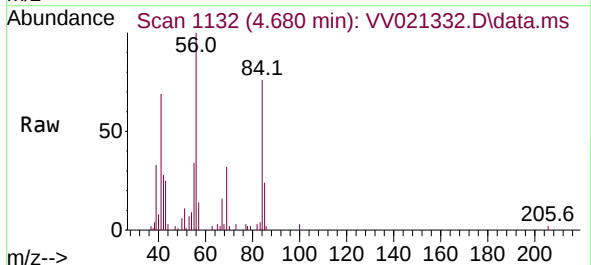
Delta R.T. 0.003 min

Lab File: VV021332.D

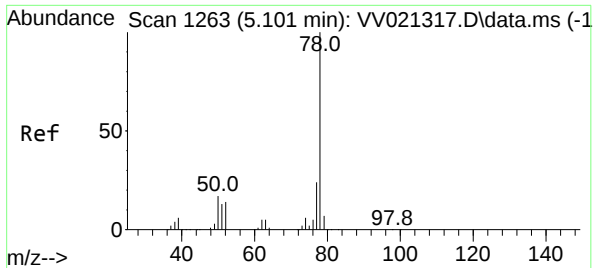
Acq: 07 May 2021 17:46

Tgt Ion: 56 Resp: 23655

Ion	Ratio	Lower	Upper
56	100		
69	34.0	25.7	38.5
84	49.1	75.7	113.5



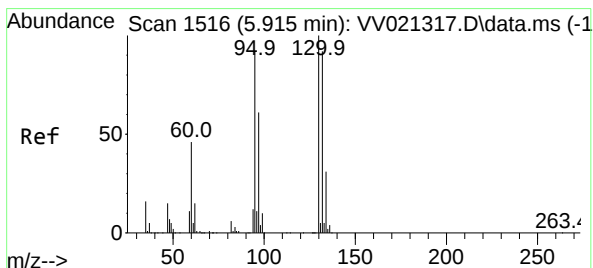
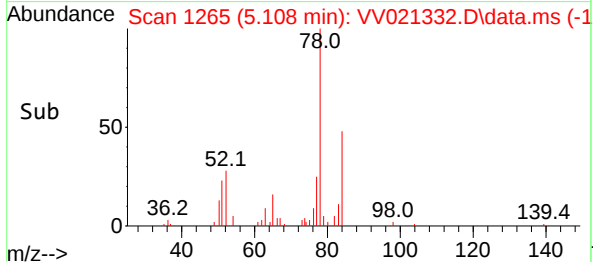
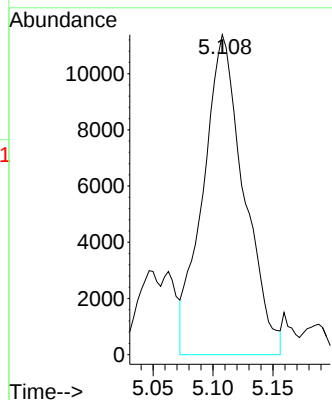
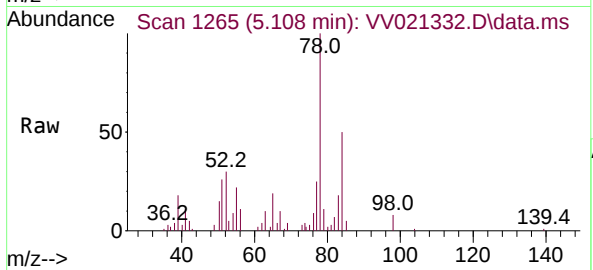
Instrument :
MSVOA_V
ClientSampled :



#33
Benzene
Concen: 1.58 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.007 min
Lab File: VV021332.D
Acq: 07 May 2021 17:46

Instrument :
MSVOA_V
ClientSampled :

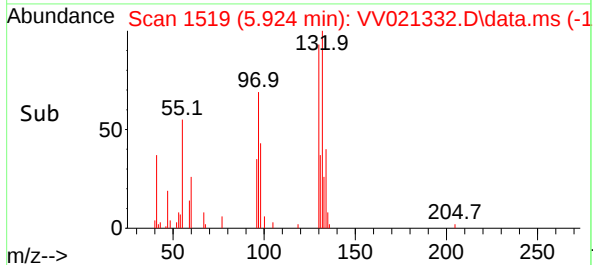
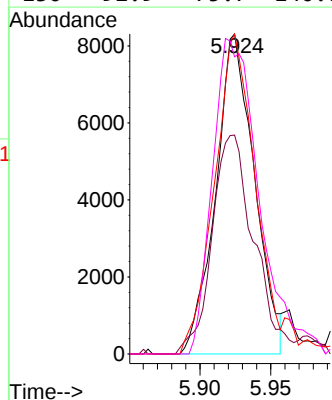
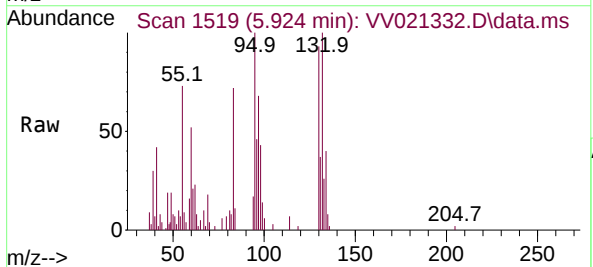
Tgt Ion: 78 Resp: 27044

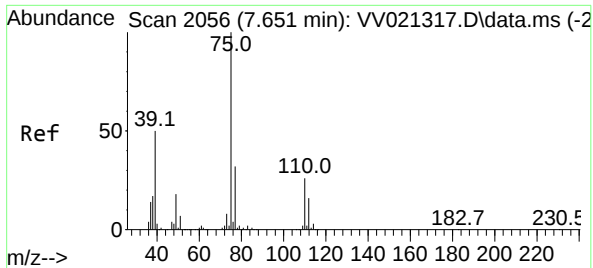


#34
Trichloroethene
Concen: 2.87 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV021332.D
Acq: 07 May 2021 17:46

Tgt Ion: 95 Resp: 15780

Ion	Ratio	Lower	Upper
95	100		
97	68.4	45.5	84.5
132	99.8	71.0	131.8
130	92.9	75.7	140.7





#44
 trans-1,3-Dichloropropene
 Concen: 0.93 ug/L
 RT: 7.622 min Scan# 2047
 Delta R.T. -0.029 min
 Lab File: VV021332.D
 Acq: 07 May 2021 17:46

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 7109
 Ion Ratio Lower Upper
 75 100
 77 52.5 21.8 40.6#

