

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101122\
 Data File : VW028518.D
 Acq On : 11 Oct 2022 13:06
 Operator : SY/MD
 Sample : N5079-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFYZ9

Quant Time: Oct 12 00:29:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 12 00:26:27 2022
 Response via : Initial Calibration

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

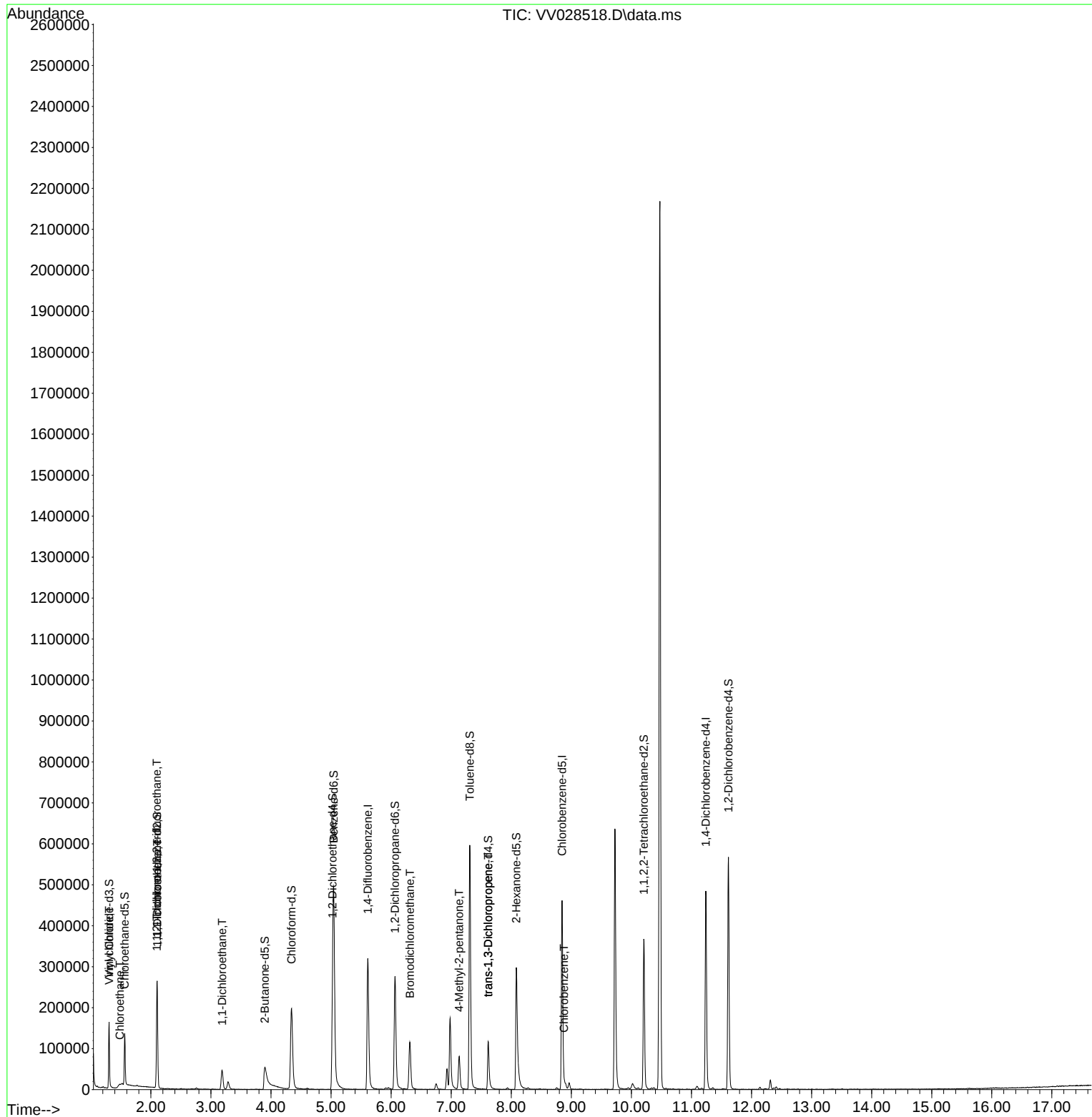
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	271979	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	250140	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	126397	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	100815	48.039	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.080%		
7) Chloroethane-d5	1.565	69	76343	45.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.760%		
11) 1,1-Dichloroethene-d2	2.105	63	133630	37.414	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.820%		
21) 2-Butanone-d5	3.896	46	126013	68.593	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	68.590%		
24) Chloroform-d	4.343	84	207102	53.808	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.620%		
26) 1,2-Dichloroethane-d4	5.024	65	142228	57.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	114.600%		
32) Benzene-d6	5.043	84	428729	53.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.980%		
36) 1,2-Dichloropropane-d6	6.063	67	132459	50.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.380%		
41) Toluene-d8	7.310	98	390308	54.389	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.780%		
43) trans-1,3-Dichloroprop...	7.616	79	68881	51.711	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.420%		
47) 2-Hexanone-d5	8.085	63	122883	86.440	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.440%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	171841	48.052	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.100%		
66) 1,2-Dichlorobenzene-d4	11.616	152	140829	53.771	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.540%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	1747	0.755	ug/L #	1
8) Chloroethane	1.484	64	12989	9.249	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1139	0.703	ug/L #	20
12) 1,1-Dichloroethene	2.108	96	2213	1.391	ug/L #	1
19) 1,1-Dichloroethane	3.185	63	47363	12.495	ug/L	98
38) Bromodichloromethane	6.314	83	4199	1.461	ug/L #	35
40) 4-Methyl-2-pentanone	7.133	43	39445	10.486	ug/L #	46
44) trans-1,3-Dichloropropene	7.616	75	3072	0.912	ug/L #	78
51) Chlorobenzene	8.879	112	6086	1.144	ug/L	96

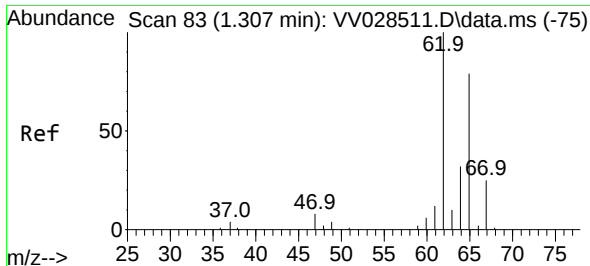
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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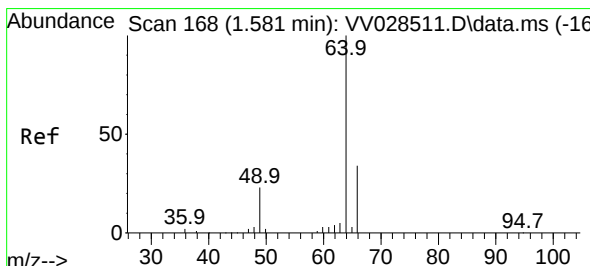
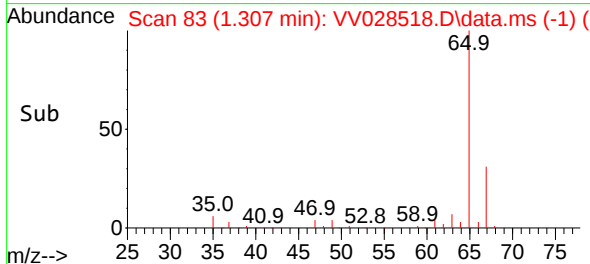
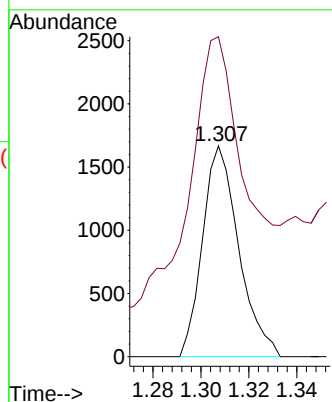
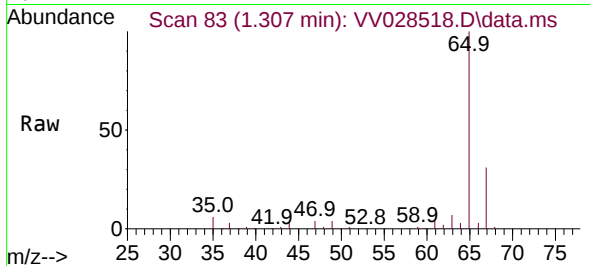




#5
 Vinyl chloride
 Concen: 0.755 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028518.D
 Acq: 11 Oct 2022 13:06

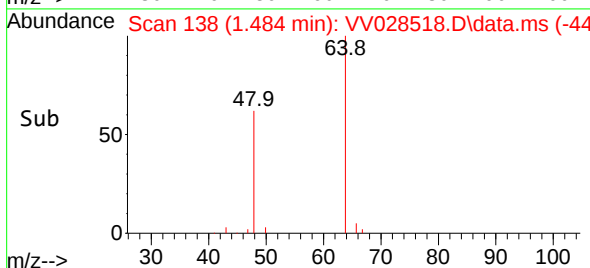
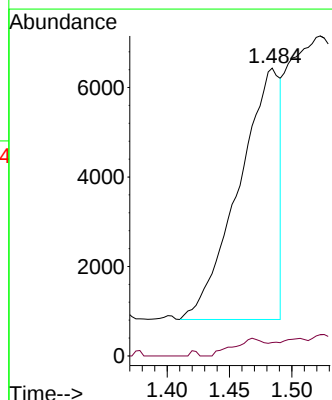
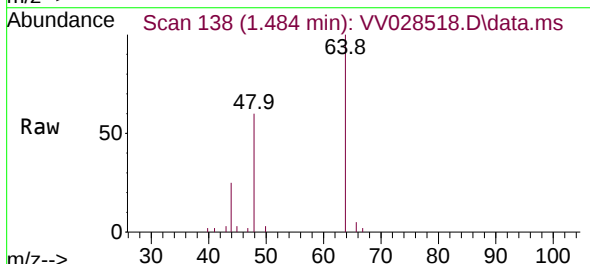
Instrument :
 MSVOA_V
 ClientSampleId :
 BFYZ9

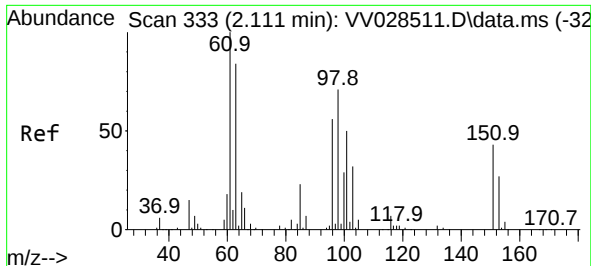
Tgt Ion: 62 Resp: 1747
 Ion Ratio Lower Upper
 62 100
 64 151.7 23.3 43.3#



#8
 Chloroethane
 Concen: 9.249 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.096 min
 Lab File: VV028518.D
 Acq: 11 Oct 2022 13:06

Tgt Ion: 64 Resp: 12989
 Ion Ratio Lower Upper
 64 100
 66 4.7 22.2 41.2#

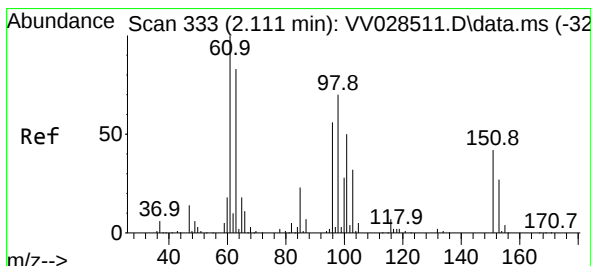
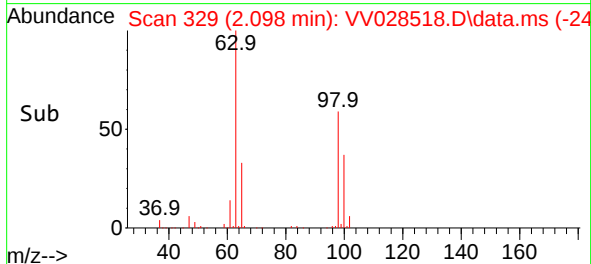
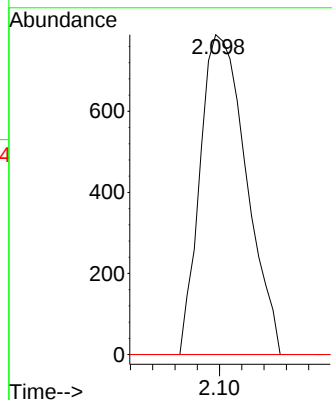
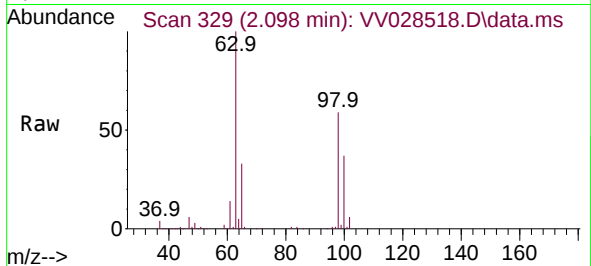




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.703 ug/L
RT: 2.098 min Scan# 311
Delta R.T. -0.013 min
Lab File: VV028518.D
Acq: 11 Oct 2022 13:06

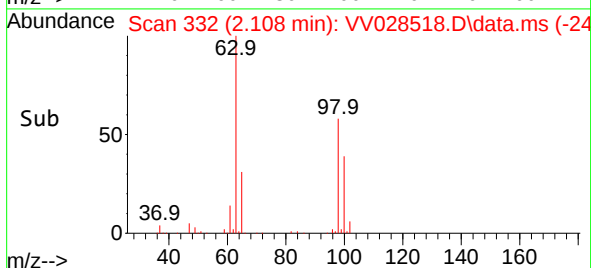
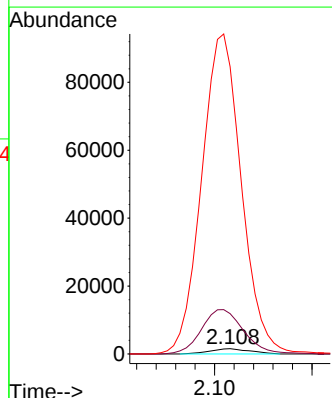
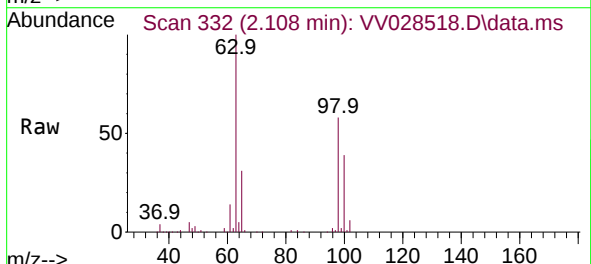
Instrument :
MSVOA_V
ClientSampleId :
BFYZ9

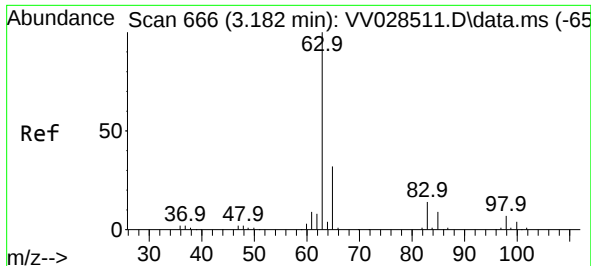
Tgt Ion:101 Resp: 1139
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 0.0 59.2 88.8#



#12
1,1-Dichloroethene
Concen: 1.391 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV028518.D
Acq: 11 Oct 2022 13:06

Tgt Ion: 96 Resp: 2213
Ion Ratio Lower Upper
96 100
61 768.5 125.6 233.2#
63 5480.8 100.0 185.6#





#19

1,1-Dichloroethane

Concen: 12.495 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028518.D

Acq: 11 Oct 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

BFYZ9

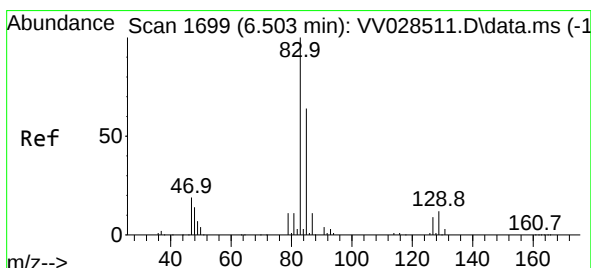
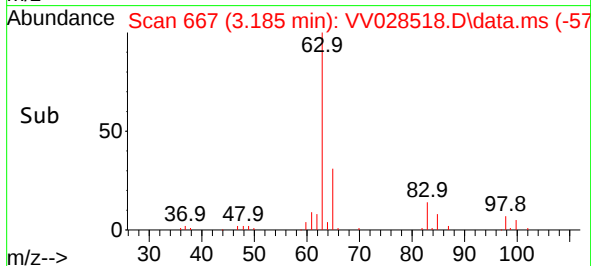
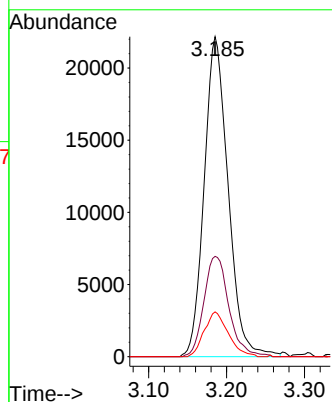
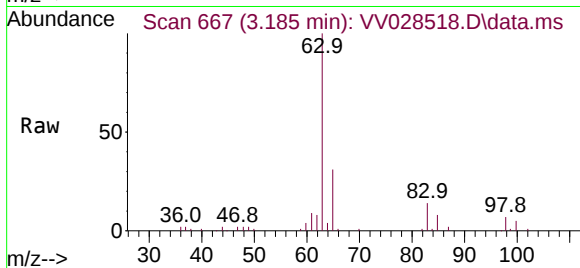
Tgt Ion: 63 Resp: 47363

Ion Ratio Lower Upper

63 100

65 31.4 22.6 42.0

83 14.0 9.2 17.0



#38

Bromodichloromethane

Concen: 1.461 ug/L

RT: 6.314 min Scan# 1640

Delta R.T. -0.190 min

Lab File: VV028518.D

Acq: 11 Oct 2022 13:06

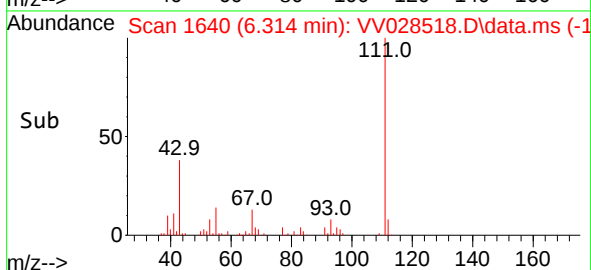
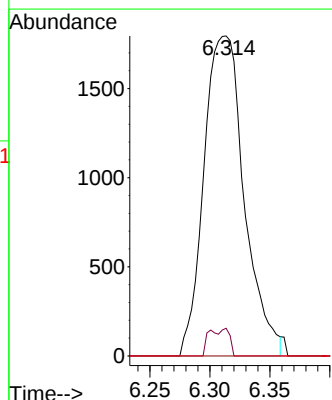
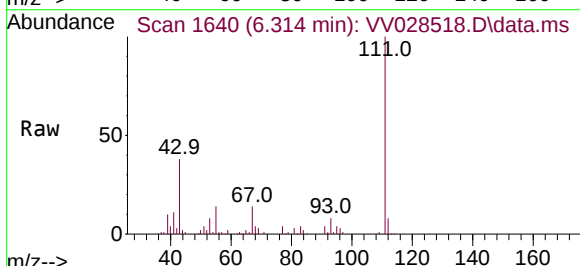
Tgt Ion: 83 Resp: 4199

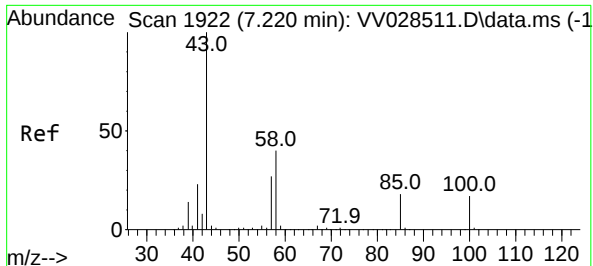
Ion Ratio Lower Upper

83 100

85 8.6 45.1 83.7#

127 0.0 7.0 10.4#





#40

4-Methyl-2-pentanone

Concen: 10.486 ug/L

RT: 7.133 min Scan# 1895

Delta R.T. -0.087 min

Lab File: VV028518.D

Acq: 11 Oct 2022 13:06

Instrument :

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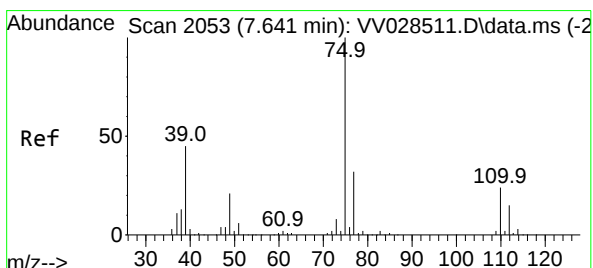
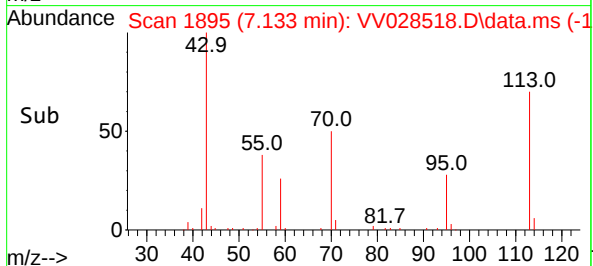
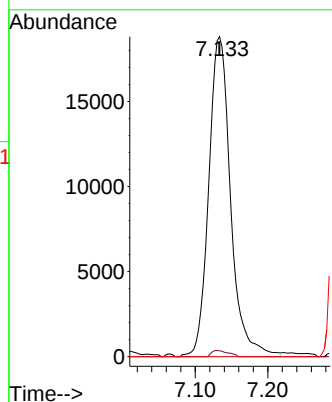
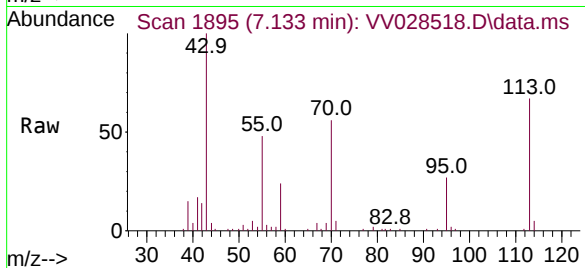
Tgt Ion: 43 Resp: 39445

Ion Ratio Lower Upper

43 100

58 1.5 31.3 46.9#

100 0.0 11.5 17.3#



#44

trans-1,3-Dichloropropene

Concen: 0.912 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.026 min

Lab File: VV028518.D

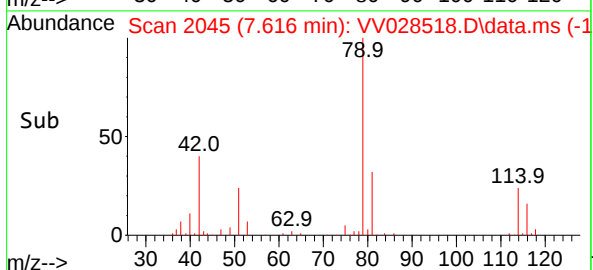
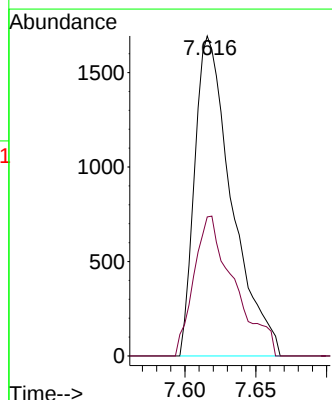
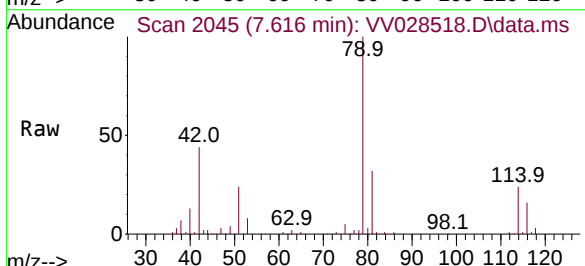
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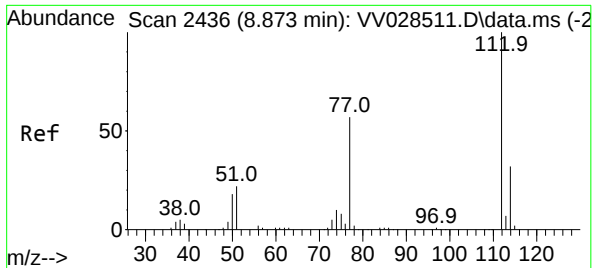
Tgt Ion: 75 Resp: 3072

Ion Ratio Lower Upper

75 100

77 43.4 21.8 40.4#





#51
Chlorobenzene
Concen: 1.144 ug/L
RT: 8.879 min Scan# 24
Delta R.T. 0.007 min
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Tgt Ion:	112	Resp:	6086
Ion	Ratio	Lower	Upper
112	100		
114	26.0	21.7	40.3
77	61.9	48.7	73.1

