

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031522.D
 Acq On : 15 Jun 2023 11:46
 Operator : SY/MD
 Sample : 03254-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYY9

Quant Time: Jun 16 02:46:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

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

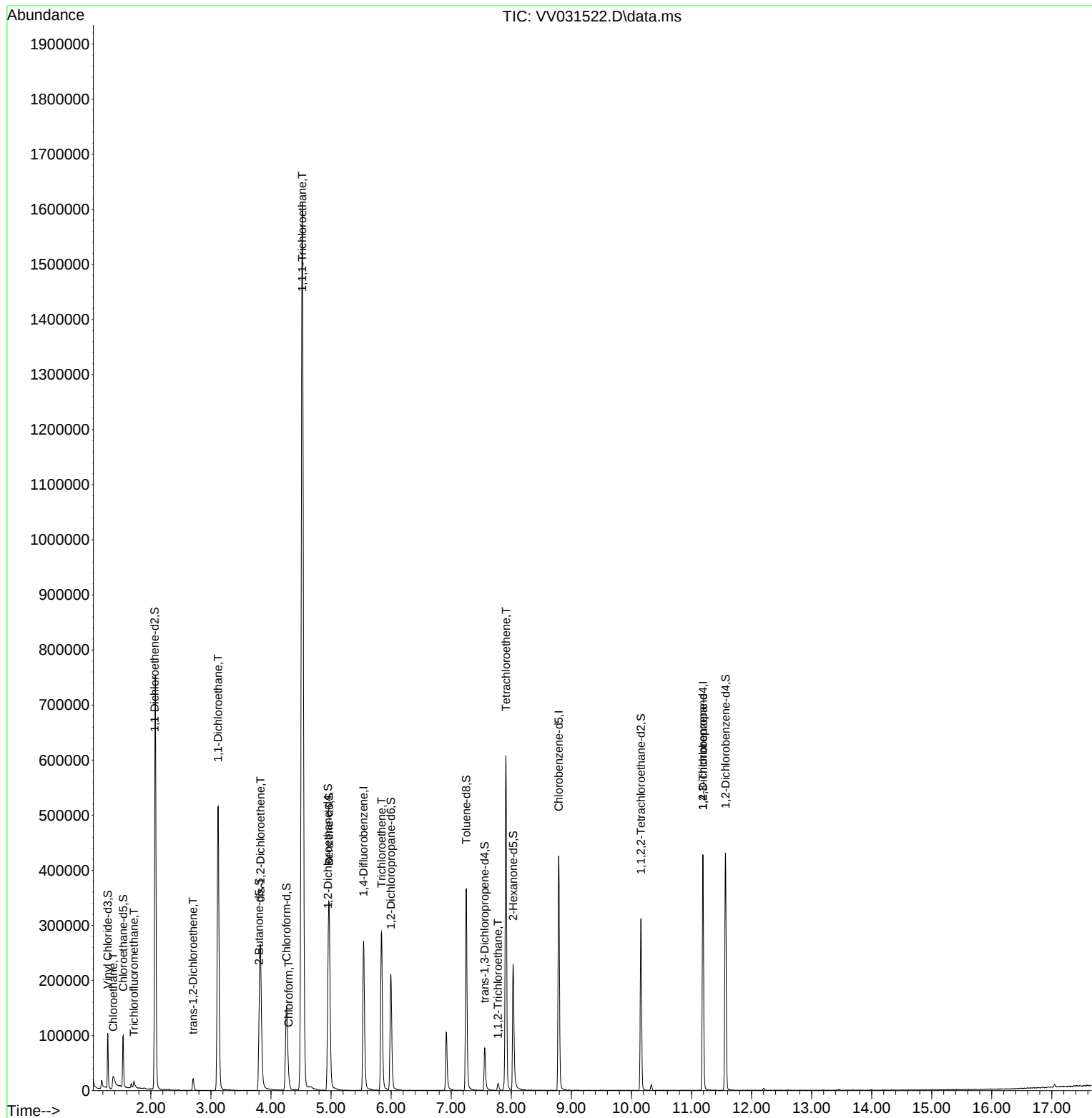
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	220219	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	221507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	106724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	64092	43.730	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.460%		
7) Chloroethane-d5	1.539	69	61444	48.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.100%		
11) 1,1-Dichloroethene-d2	2.066	65	34250	45.343	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.680%		
21) 2-Butanone-d5	3.802	46	109139	91.964	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.960%		
24) Chloroform-d	4.259	84	168505	45.907	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.820%		
26) 1,2-Dichloroethane-d4	4.950	65	110558	48.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.280%		
32) Benzene-d6	4.969	84	291371	46.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.460%		
36) 1,2-Dichloropropane-d6	5.995	67	105781	47.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.740%		
41) Toluene-d8	7.249	98	246075	43.009	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.020%		
43) trans-1,3-Dichloroprop...	7.558	79	48195	44.737	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.480%		
47) 2-Hexanone-d5	8.034	63	83050	95.184	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.180%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	150199	45.030	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.060%		
66) 1,2-Dichlorobenzene-d4	11.567	152	104886	51.558	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.120%		
Target Compounds						Qvalue
8) Chloroethane	1.375	64	46368	32.857	ug/L #	52
9) Trichlorofluoromethane	1.719	101	7142	1.965	ug/L	100
17) trans-1,2-Dichloroethene	2.703	96	7929	4.662	ug/L	81
19) 1,1-Dichloroethane	3.121	63	536088	146.034	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	124897	67.948	ug/L	95
25) Chloroform	4.294	83	14343	3.759	ug/L	96
30) 1,1,1-Trichloroethane	4.519	97	1387433	390.671	ug/L	100
34) Trichloroethene	5.841	95	106872	54.231	ug/L	96
45) 1,1,2-Trichloroethane	7.780	97	4270	2.087	ug/L	95
46) Tetrachloroethene	7.911	164	130521	84.388	ug/L	97
61) 1,2,3-Trichloropropane	11.191	75	12786	6.066	ug/L #	63

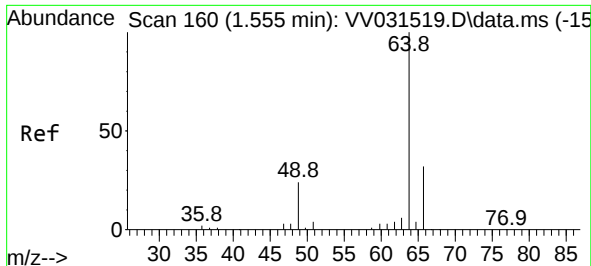
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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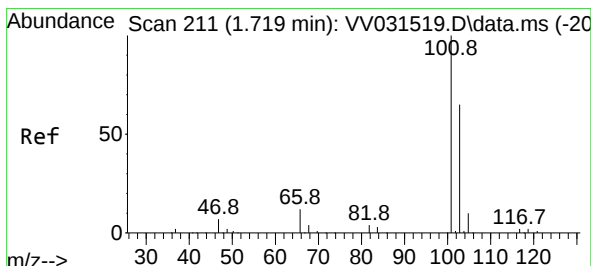
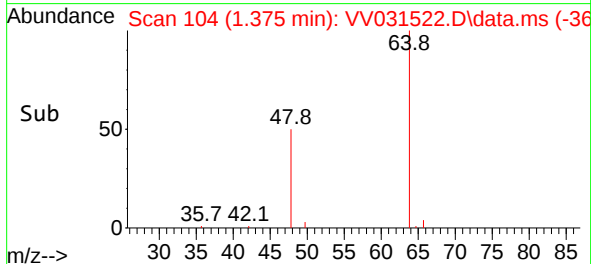
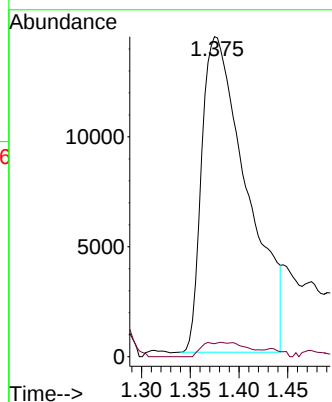
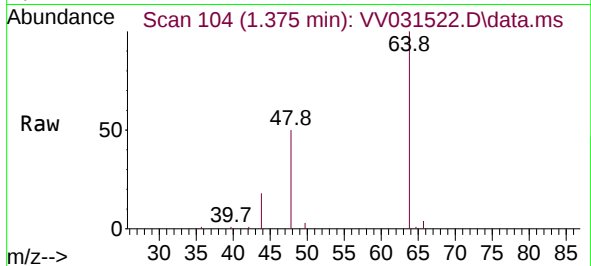




#8
Chloroethane
Concen: 32.857 ug/L
RT: 1.375 min Scan# 104
Delta R.T. -0.180 min
Lab File: VV031522.D
Acq: 15 Jun 2023 11:46

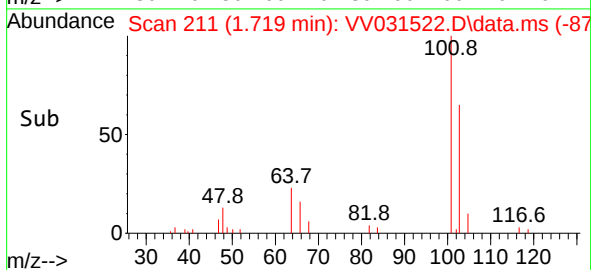
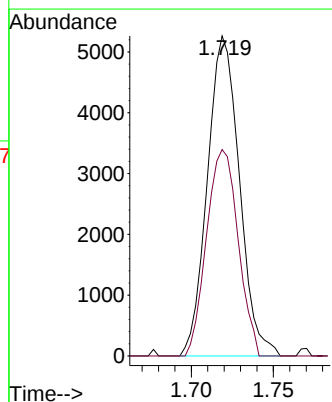
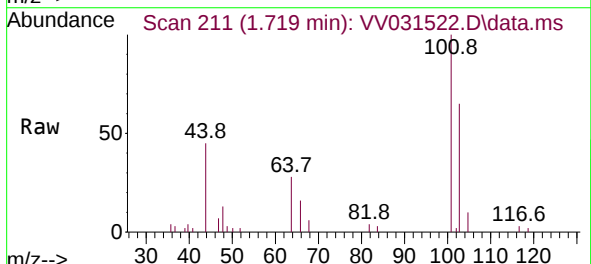
Instrument :
MSVOA_V
ClientSampleId :
EXYY9

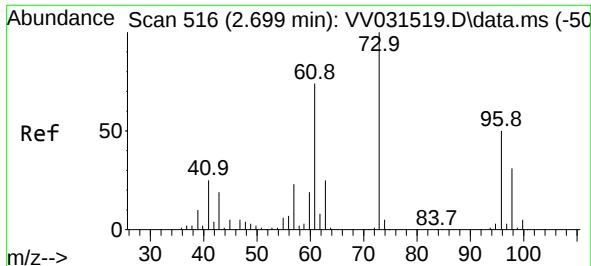
Tgt Ion: 64 Resp: 46368
Ion Ratio Lower Upper
64 100
66 4.0 21.0 39.0#



#9
Trichlorofluoromethane
Concen: 1.965 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV031522.D
Acq: 15 Jun 2023 11:46

Tgt Ion: 101 Resp: 7142
Ion Ratio Lower Upper
101 100
103 63.4 50.9 76.3





#17

trans-1,2-Dichloroethene

Concen: 4.662 ug/L

RT: 2.703 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV031522.D

Acq: 15 Jun 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

EXYY9

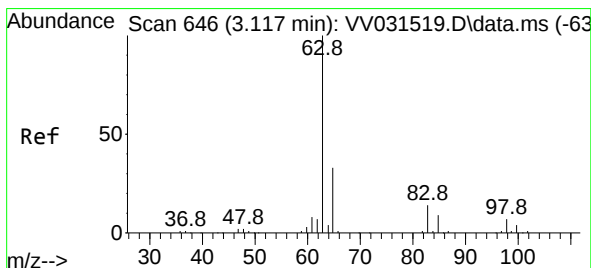
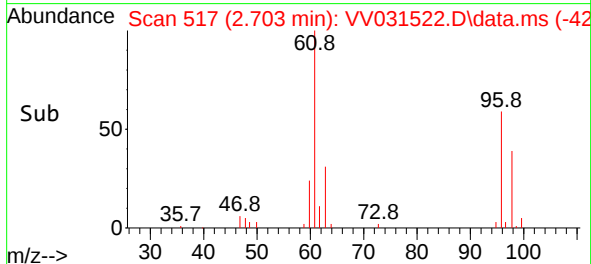
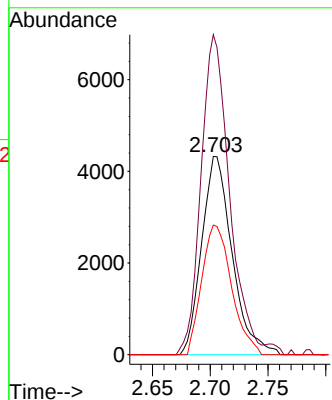
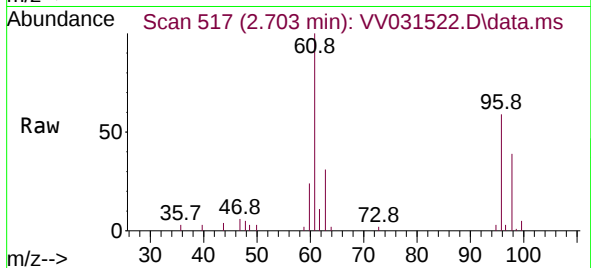
Tgt Ion: 96 Resp: 7929

Ion Ratio Lower Upper

96 100

61 179.4 102.5 190.3

98 65.4 44.1 81.9



#19

1,1-Dichloroethane

Concen: 146.034 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV031522.D

Acq: 15 Jun 2023 11:46

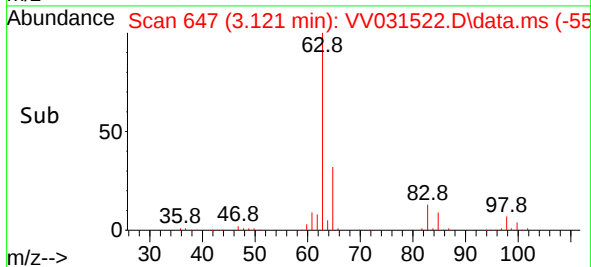
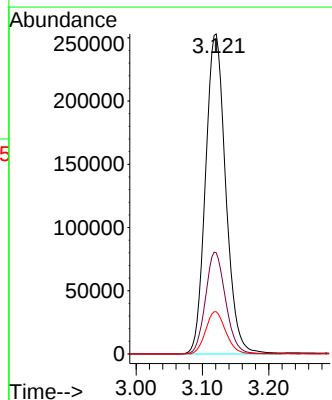
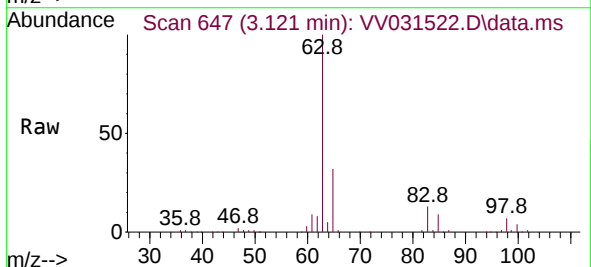
Tgt Ion: 63 Resp: 536088

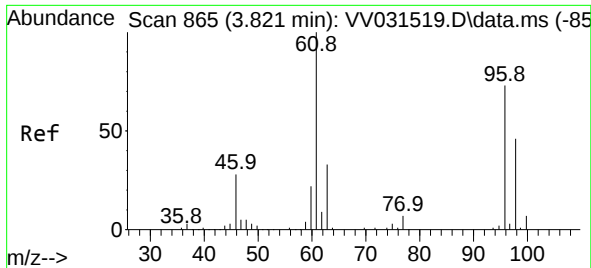
Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.7

83 13.2 10.0 18.6

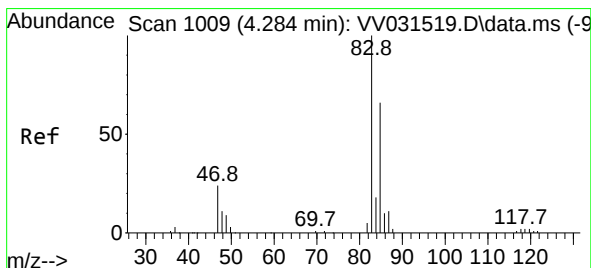
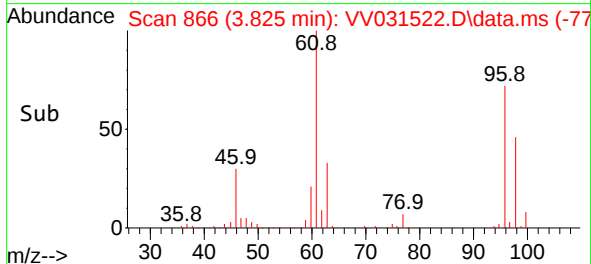
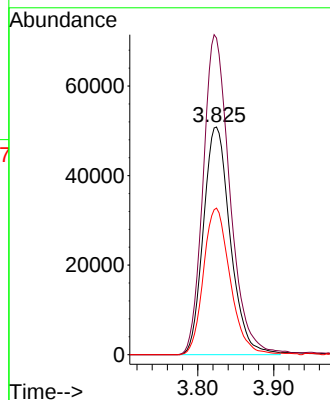
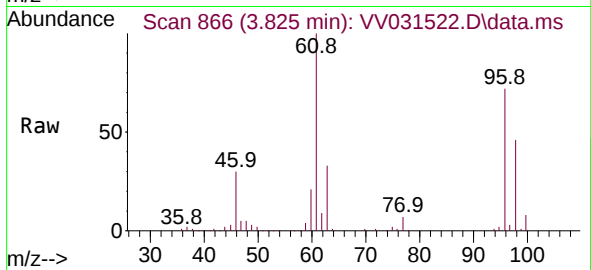




#20
cis-1,2-Dichloroethene
Concen: 67.948 ug/L
RT: 3.825 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV031522.D
Acq: 15 Jun 2023 11:46

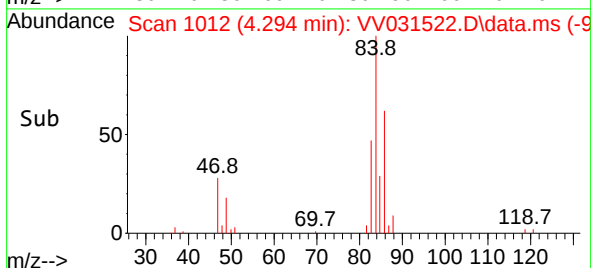
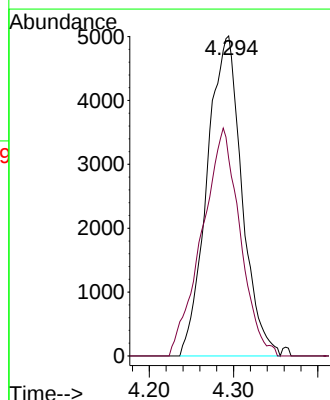
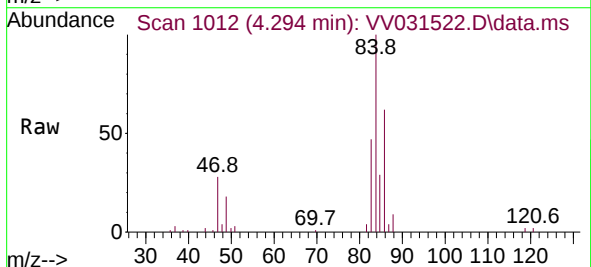
Instrument :
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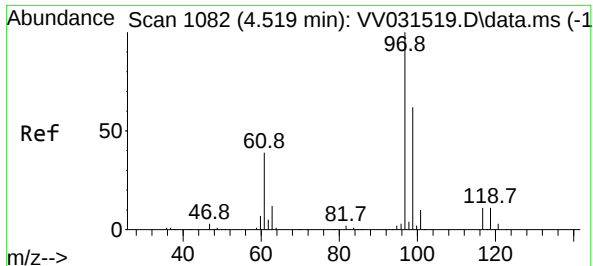
Tgt Ion: 96 Resp: 124897
Ion Ratio Lower Upper
96 100
61 133.7 98.6 183.0
98 61.8 45.7 84.9



#25
Chloroform
Concen: 3.759 ug/L
RT: 4.294 min Scan# 1012
Delta R.T. 0.010 min
Lab File: VV031522.D
Acq: 15 Jun 2023 11:46

Tgt Ion: 83 Resp: 14343
Ion Ratio Lower Upper
83 100
85 61.7 45.3 84.1





#30

1,1,1-Trichloroethane

Concen: 390.671 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VV031522.D

Acq: 15 Jun 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

EXYY9

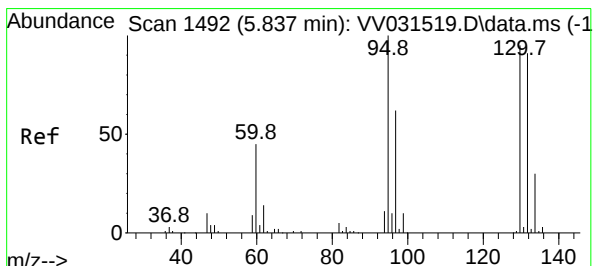
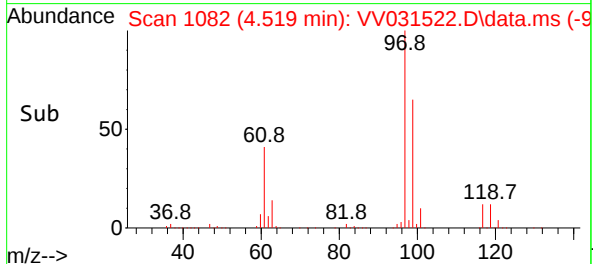
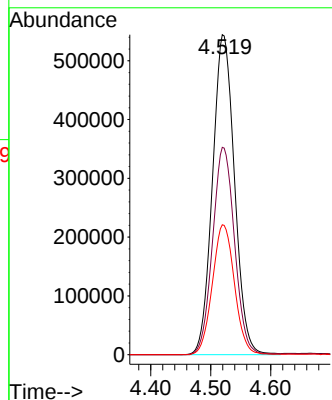
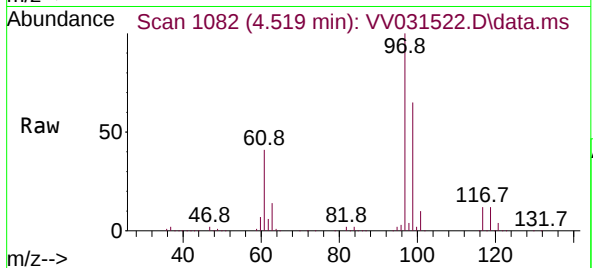
Tgt Ion: 97 Resp: 1387433

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 40.7 33.0 49.6



#34

Trichloroethene

Concen: 54.231 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV031522.D

Acq: 15 Jun 2023 11:46

Tgt Ion: 95 Resp: 106872

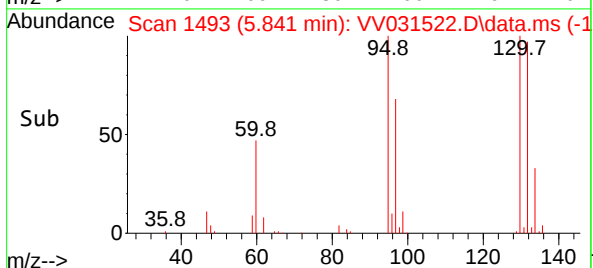
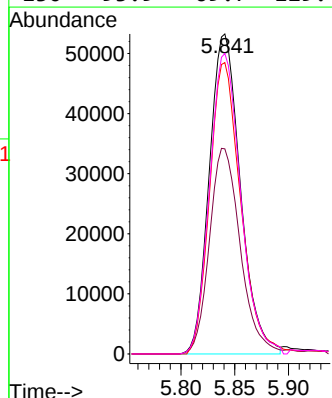
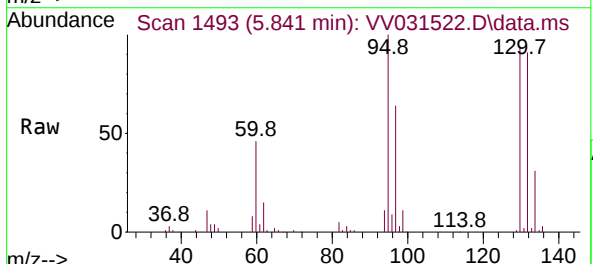
Ion Ratio Lower Upper

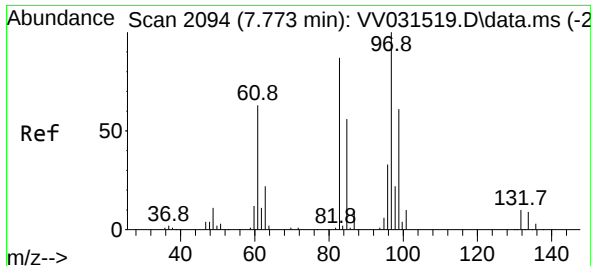
95 100

97 64.1 46.8 86.8

132 91.0 66.4 123.2

130 93.9 69.7 129.4



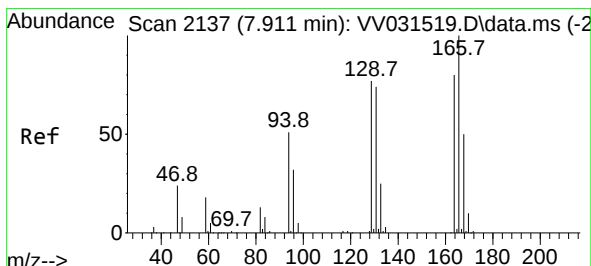
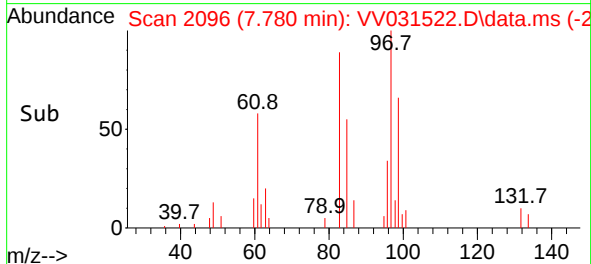
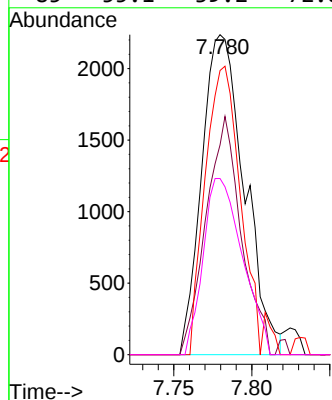
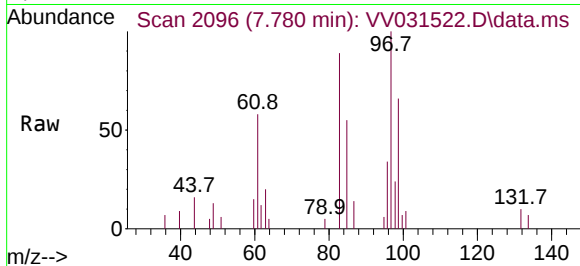


#45
1,1,2-Trichloroethane
Concen: 2.087 ug/L
RT: 7.780 min Scan# 2094
Delta R.T. 0.007 min
Lab File: VV031522.D
Acq: 15 Jun 2023 11:46

Instrument :
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Tgt Ion: 97 Resp: 4270

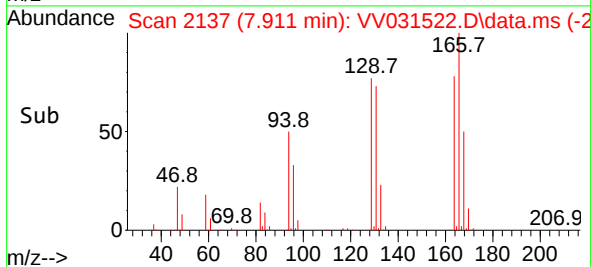
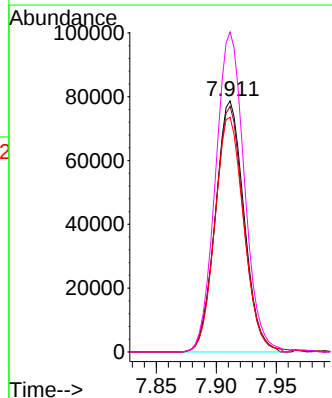
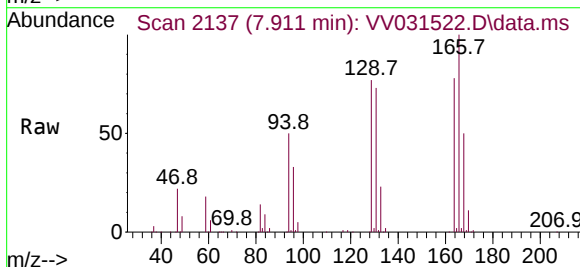
Ion	Ratio	Lower	Upper
97	100		
99	73.0	43.7	81.1
83	88.8	60.9	113.1
85	55.1	39.2	72.8

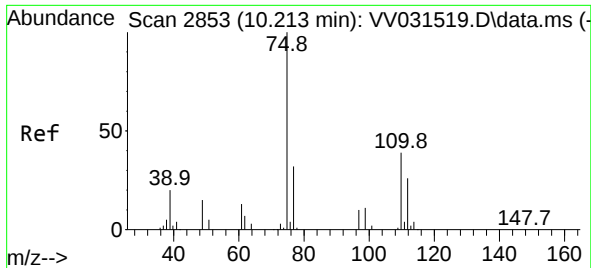


#46
Tetrachloroethene
Concen: 84.388 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031522.D
Acq: 15 Jun 2023 11:46

Tgt Ion: 164 Resp: 130521

Ion	Ratio	Lower	Upper
164	100		
129	95.1	68.4	127.0
131	92.7	67.6	125.6
166	126.7	91.3	169.5





#61
 1,2,3-Trichloropropane
 Concen: 6.066 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV031522.D
 Acq: 15 Jun 2023 11:46

Instrument :
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Tgt Ion: 75 Resp: 12786
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.4 38.0
 110 1.4 31.3 46.9#

