

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061923\
 Data File : VV031592.D
 Acq On : 19 Jun 2023 10:41
 Operator : SY/MD
 Sample : 03249-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT5

Quant Time: Jun 20 01:55:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

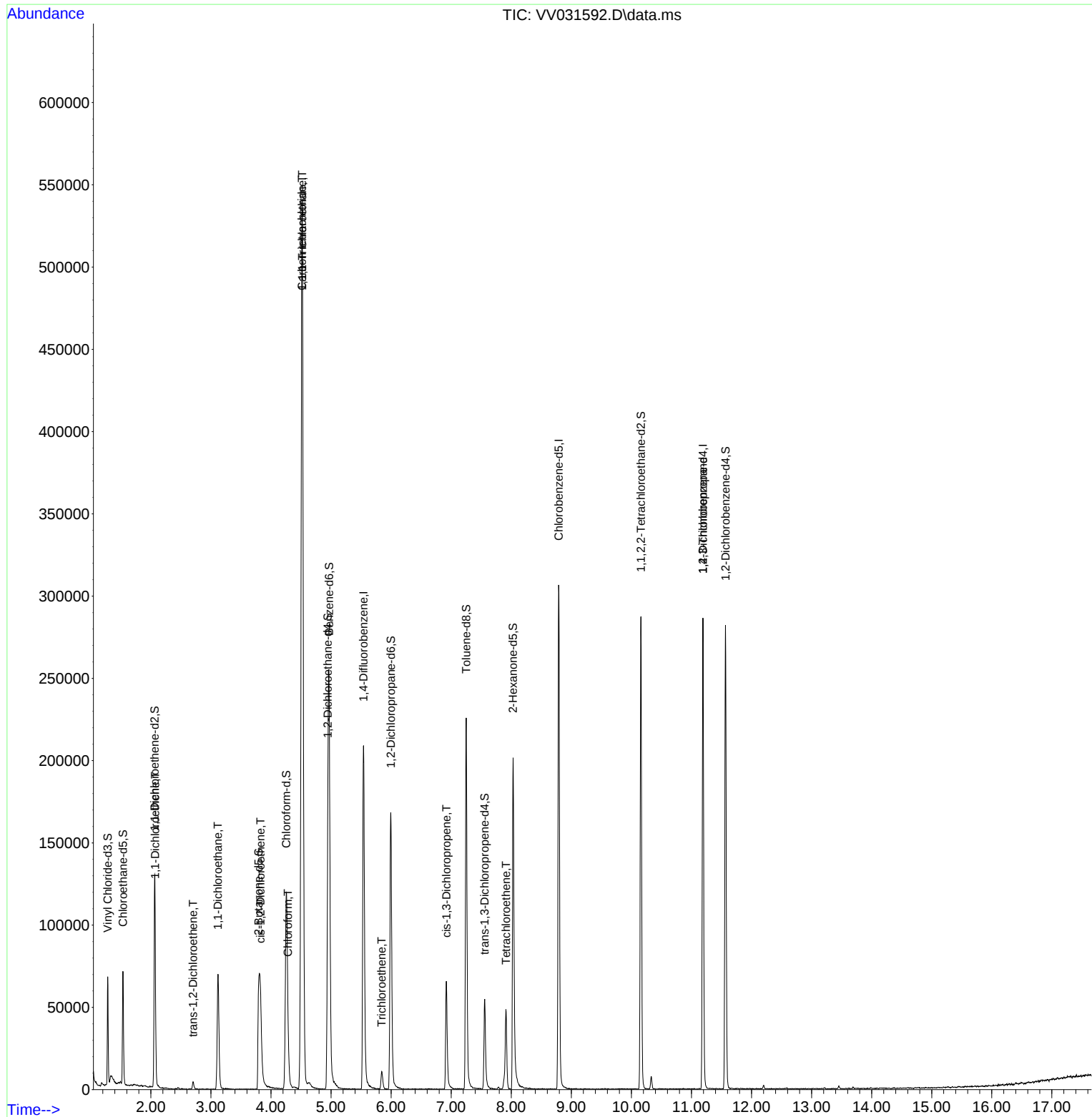
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	174358	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	170175	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	73324	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43025	37.078	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.160%		
7) Chloroethane-d5	1.535	69	47145	46.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.120%		
11) 1,1-Dichloroethene-d2	2.063	65	20341	34.012	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.020%		
21) 2-Butanone-d5	3.796	46	99319	105.702	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.700%		
24) Chloroform-d	4.256	84	134784	46.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.760%		
26) 1,2-Dichloroethane-d4	4.947	65	95573	52.562	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.120%		
32) Benzene-d6	4.966	84	214090	44.695	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.380%		
36) 1,2-Dichloropropane-d6	5.995	67	84180	49.583	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.160%		
41) Toluene-d8	7.249	98	152478	34.689	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	69.380%#		
43) trans-1,3-Dichloroprop...	7.558	79	31238	37.743	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.480%		
47) 2-Hexanone-d5	8.030	63	67461	100.639	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.640%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	136883	53.416	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.840%		
66) 1,2-Dichlorobenzene-d4	11.567	152	71585	51.217	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.440%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.072	96	7199	5.580	ug/L #	1
17) trans-1,2-Dichloroethene	2.703	96	1614	1.199	ug/L	87
19) 1,1-Dichloroethane	3.117	63	71462	24.587	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	20560	14.127	ug/L	95
25) Chloroform	4.281	83	11481	3.800	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	468536	171.725	ug/L	99
31) Carbon tetrachloride	4.516	117	57026	23.589	ug/L	100
34) Trichloroethene	5.844	95	3511	2.319	ug/L	85
39) cis-1,3-Dichloropropene	6.921	75	1574	0.637	ug/L #	52
46) Tetrachloroethene	7.911	164	11197	9.423	ug/L	92
61) 1,2,3-Trichloropropane	11.191	75	8634	5.962	ug/L #	62

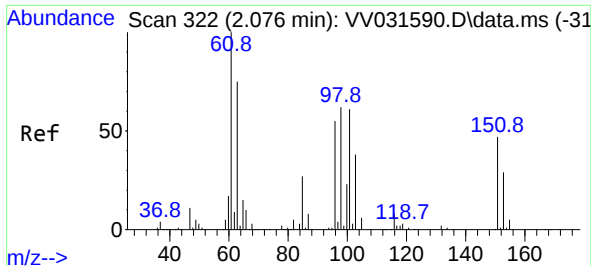
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 17 02:08:04 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.580 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031592.D

Acq: 19 Jun 2023 10:41

Instrument :

MSVOA_V

ClientSampleId :

EXYT5

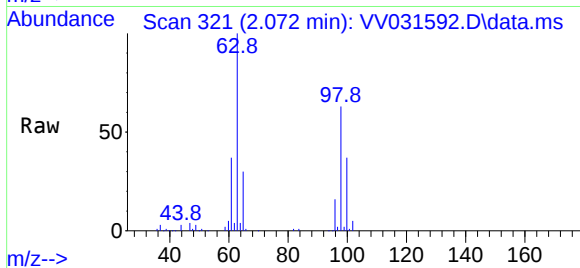
Tgt Ion: 96 Resp: 7199

Ion Ratio Lower Upper

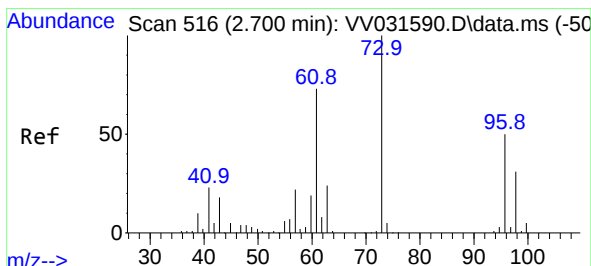
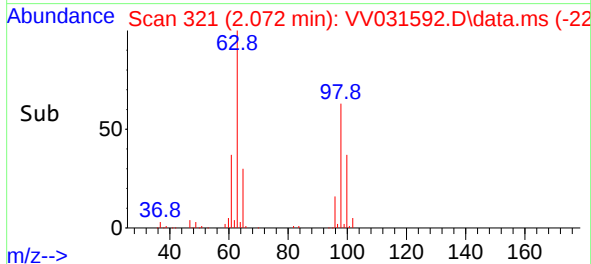
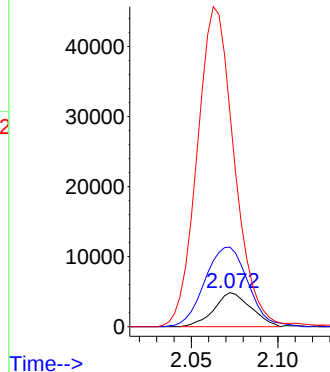
96 100

61 211.9 128.9 239.5

63 570.1 95.3 177.1#



Abundance



#17

trans-1,2-Dichloroethene

Concen: 1.199 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV031592.D

Acq: 19 Jun 2023 10:41

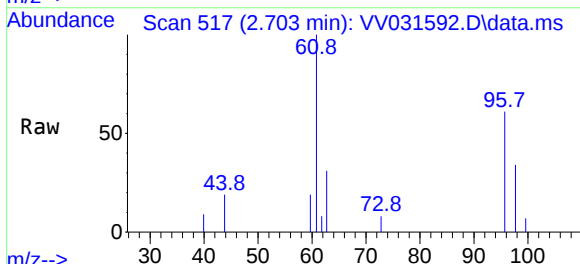
Tgt Ion: 96 Resp: 1614

Ion Ratio Lower Upper

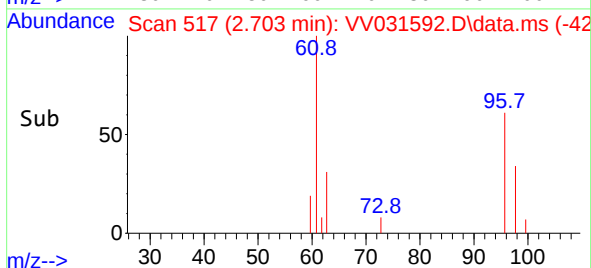
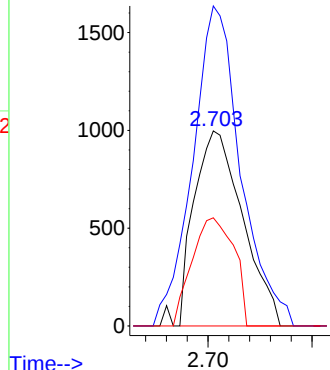
96 100

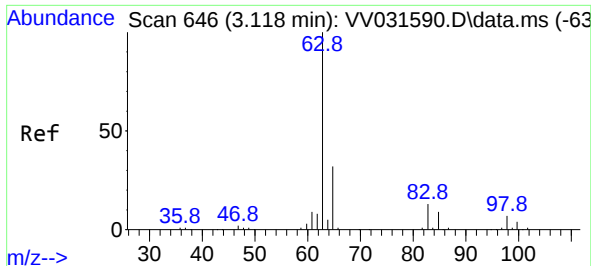
61 164.1 102.5 190.3

98 55.5 44.1 81.9



Abundance

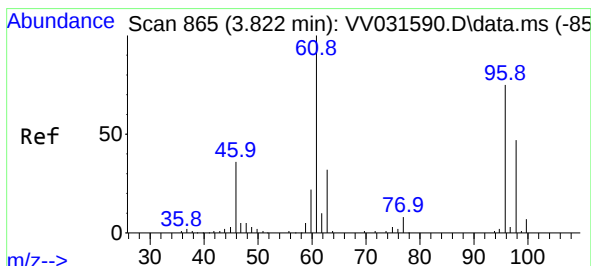
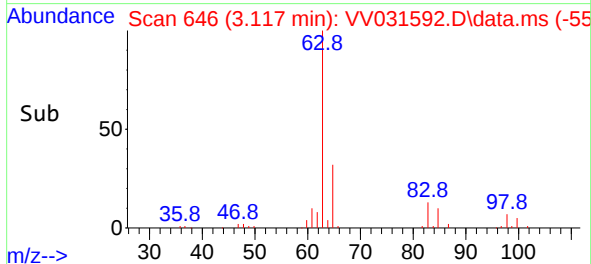
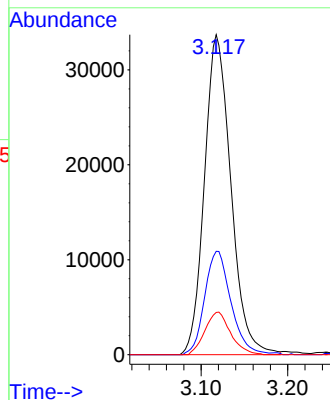
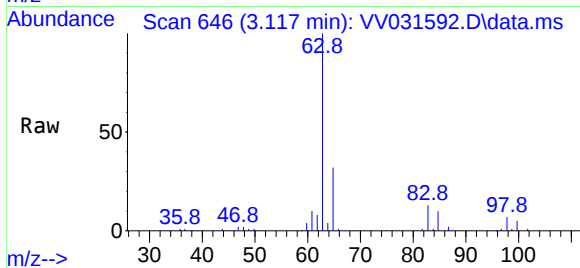




#19
1,1-Dichloroethane
Concen: 24.587 ug/L
RT: 3.117 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

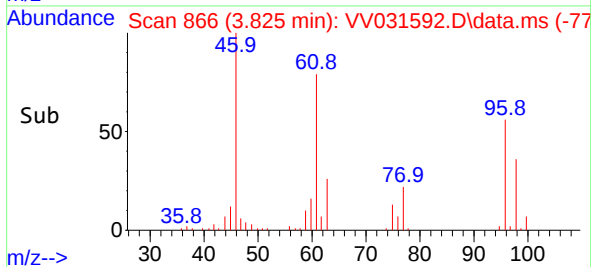
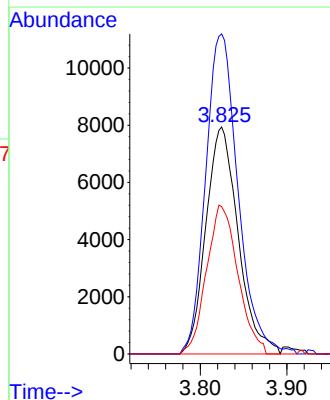
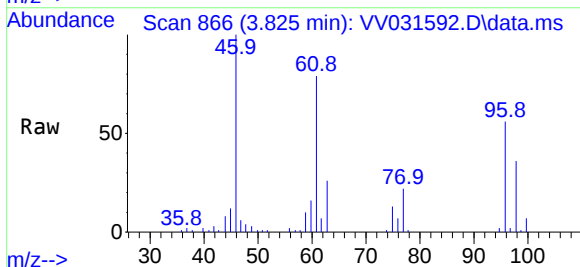
Instrument :
MSVOA_V
ClientSampleId :
EXYT5

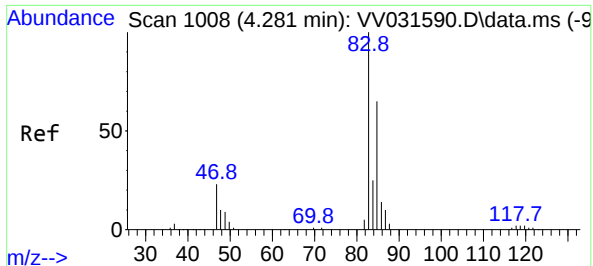
Tgt Ion: 63 Resp: 71462
Ion Ratio Lower Upper
63 100
65 32.3 22.5 41.7
83 13.2 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 14.127 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

Tgt Ion: 96 Resp: 20560
Ion Ratio Lower Upper
96 100
61 149.3 98.6 183.0
98 64.4 45.7 84.9

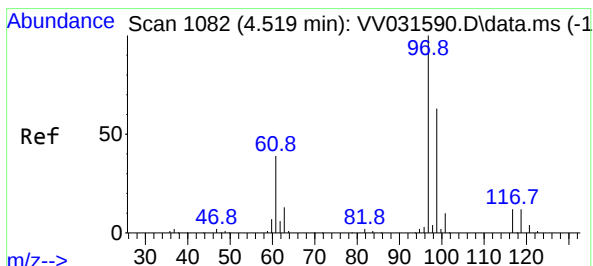
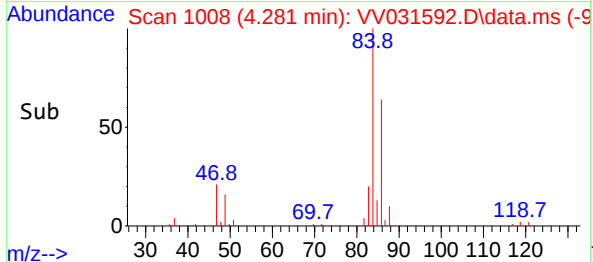
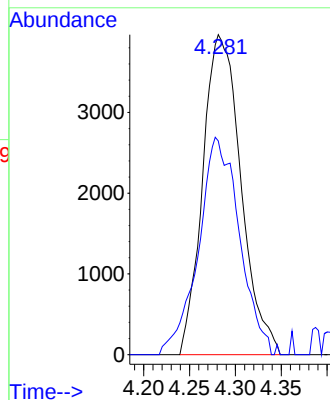
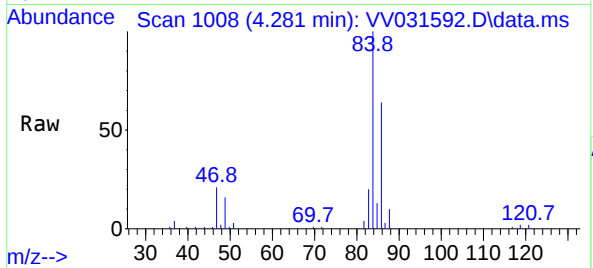




#25
Chloroform
Concen: 3.800 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. -0.003 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

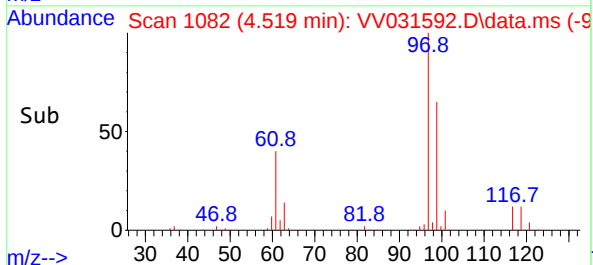
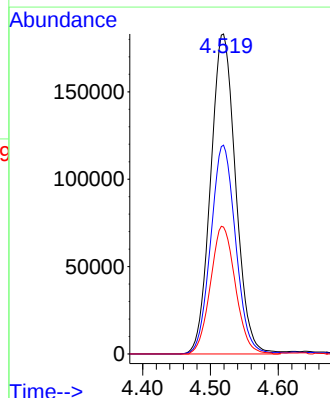
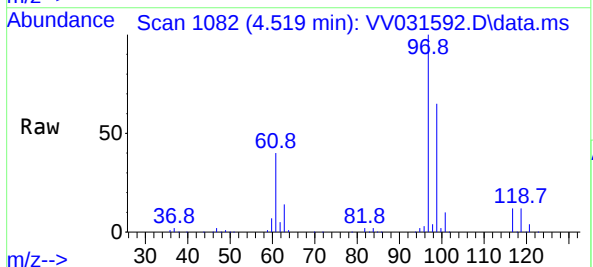
Instrument :
MSVOA_V
ClientSampleId :
EXYT5

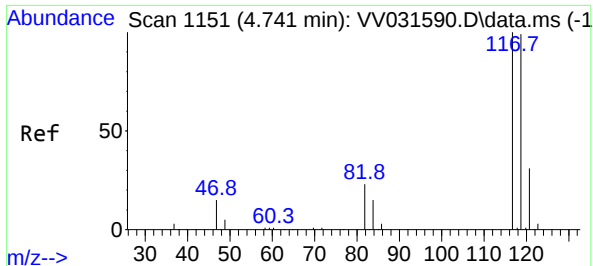
Tgt Ion: 83 Resp: 11481
Ion Ratio Lower Upper
83 100
85 66.8 45.3 84.1



#30
1,1,1-Trichloroethane
Concen: 171.725 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.000 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

Tgt Ion: 97 Resp: 468536
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 39.9 33.0 49.6

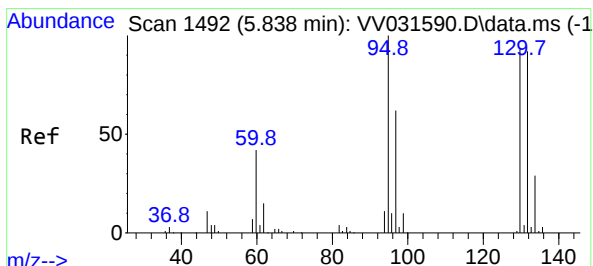
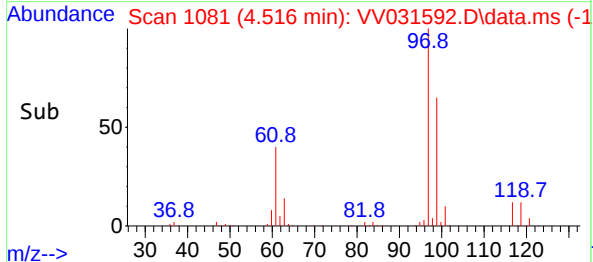
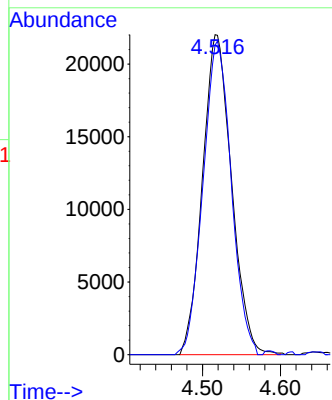
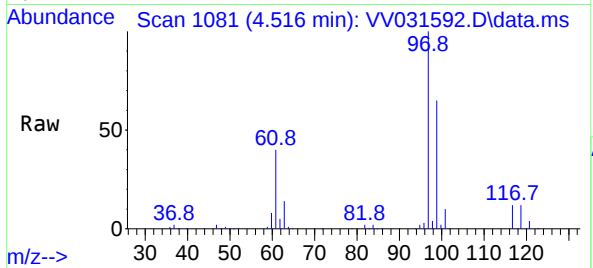




#31
Carbon tetrachloride
Concen: 23.589 ug/L
RT: 4.516 min Scan# 1151
Delta R.T. -0.228 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

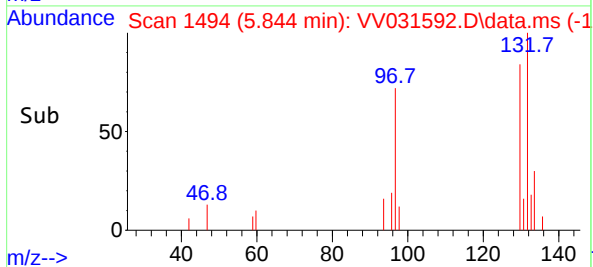
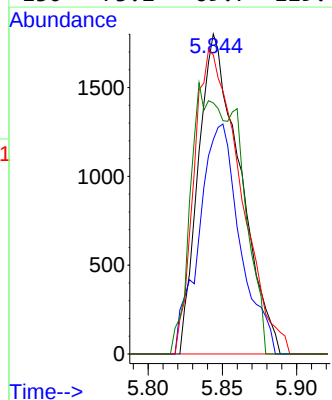
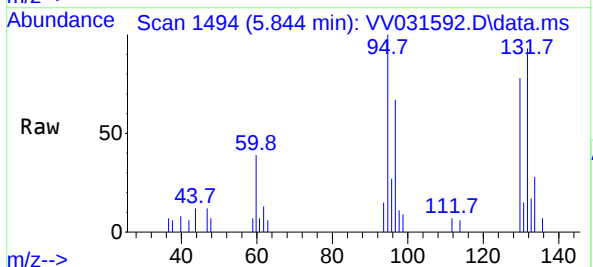
Instrument :
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ClientSampleId :
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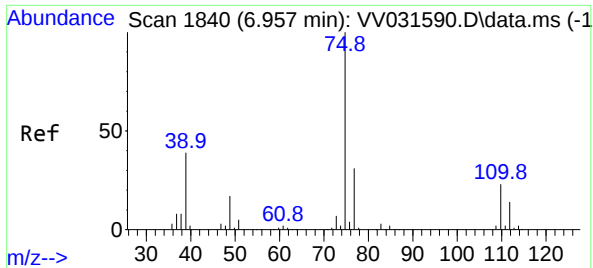
Tgt Ion:117 Resp: 57026
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.4



#34
Trichloroethene
Concen: 2.319 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

Tgt Ion: 95 Resp: 3511
Ion Ratio Lower Upper
95 100
97 61.6 46.8 86.8
132 86.8 66.4 123.2
130 73.2 69.7 129.4

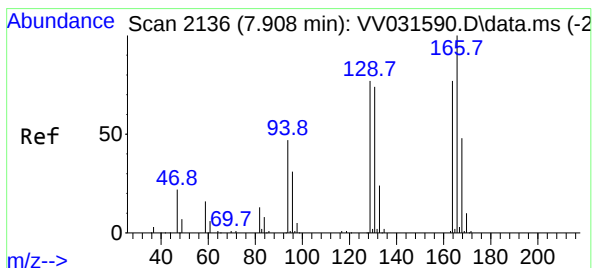
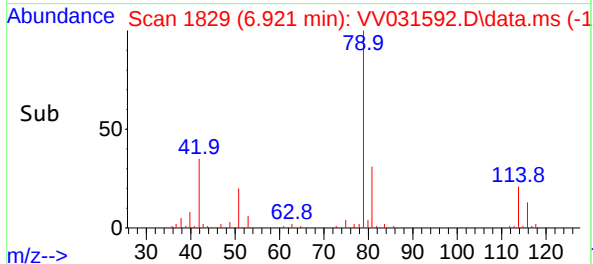
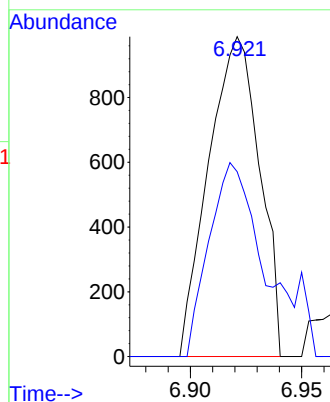
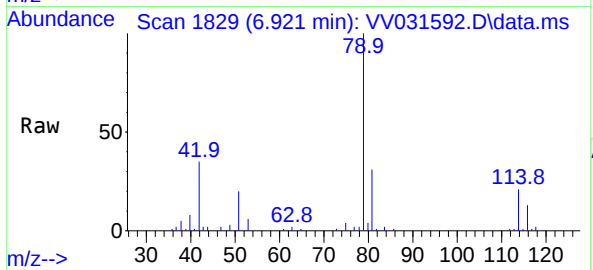




#39
cis-1,3-Dichloropropene
Concen: 0.637 ug/L
RT: 6.921 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

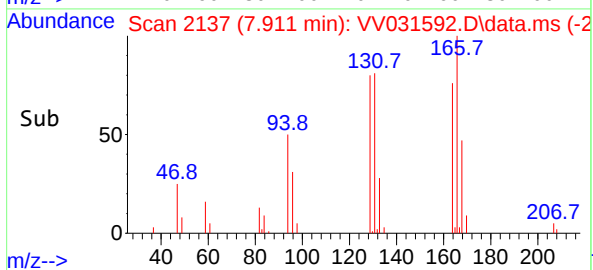
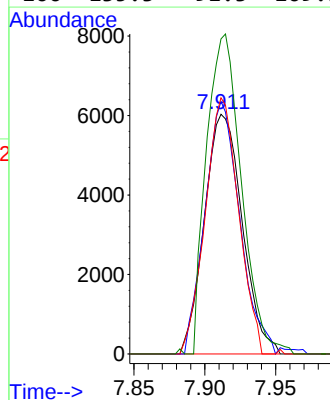
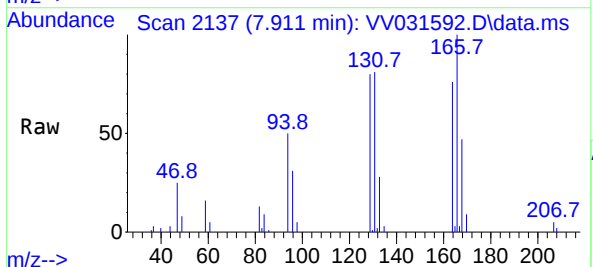
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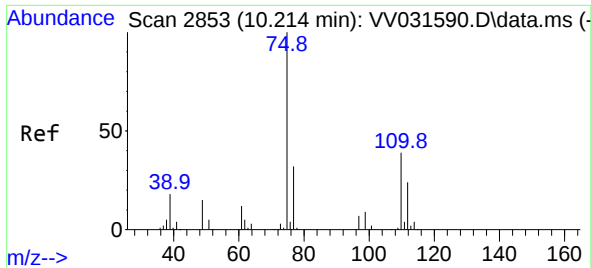
Tgt Ion: 75 Resp: 1574
Ion Ratio Lower Upper
75 100
77 57.8 21.8 40.6#



#46
Tetrachloroethene
Concen: 9.423 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031592.D
Acq: 19 Jun 2023 10:41

Tgt Ion:164 Resp: 11197
Ion Ratio Lower Upper
164 100
129 107.0 68.4 127.0
131 106.9 67.6 125.6
166 135.3 91.3 169.5





#61
 1,2,3-Trichloropropane
 Concen: 5.962 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV031592.D
 Acq: 19 Jun 2023 10:41

Instrument :
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Tgt Ion:	75	Resp:	8634
Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.4	38.0
110	1.3	31.3	46.9#

