

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037619.D
 Acq On : 27 Sep 2024 20:17
 Operator : SY/MD
 Sample : P4184-19
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:19:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

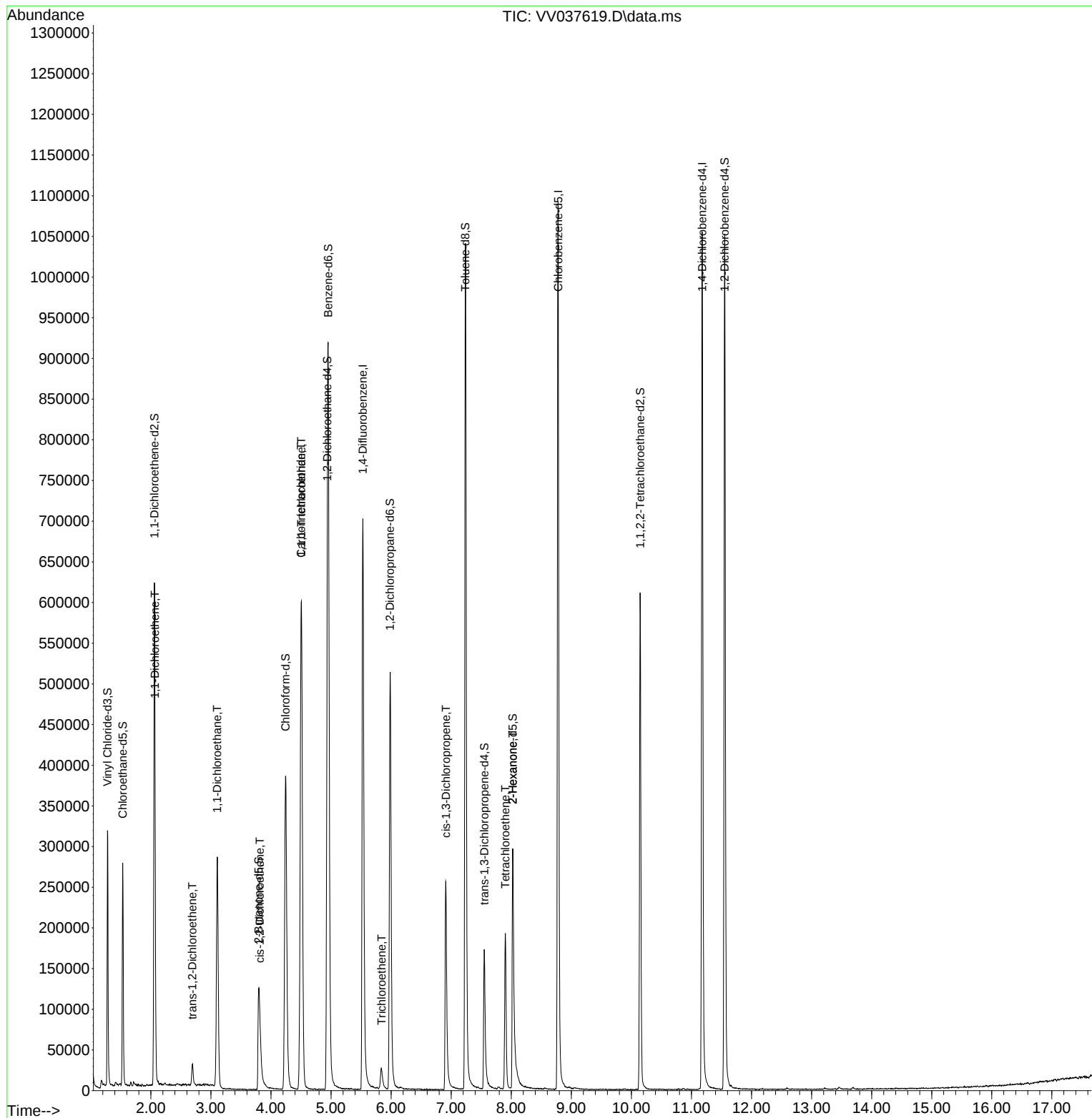
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	627007	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	610476	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	281300	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	209080	37.986	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.980%		
7) Chloroethane-d5	1.532	69	177784	41.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.220%		
11) 1,1-Dichloroethene-d2	2.060	65	94053	40.900	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.800%		
21) 2-Butanone-d5	3.796	46	161058	82.153	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.150%		
24) Chloroform-d	4.243	84	413902	42.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.540%		
26) 1,2-Dichloroethane-d4	4.937	65	250654	43.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.460%		
32) Benzene-d6	4.953	84	814862	42.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.320%		
36) 1,2-Dichloropropane-d6	5.982	67	261115	42.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.860%		
41) Toluene-d8	7.236	98	715272	41.293	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.580%		
43) trans-1,3-Dichloroprop...	7.551	79	107354	37.991	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.980%		
47) 2-Hexanone-d5	8.024	63	100860	78.522	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.520%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	296312	41.923	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.840%		
66) 1,2-Dichlorobenzene-d4	11.555	152	272501	45.972	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.940%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	30279	7.254	ug/L #	1
17) trans-1,2-Dichloroethene	2.693	96	9003	2.039	ug/L	99
19) 1,1-Dichloroethane	3.105	63	277455	32.792	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	19588	3.964	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	509231	67.728	ug/L	99
31) Carbon tetrachloride	4.503	117	67063	10.259	ug/L	98
34) Trichloroethene	5.841	95	8356	1.704	ug/L	89
39) cis-1,3-Dichloropropene	6.912	75	7571	0.998	ug/L #	61
46) Tetrachloroethene	7.902	164	43884	11.706	ug/L	97
48) 2-Hexanone	8.024	43	13357	4.438	ug/L #	75

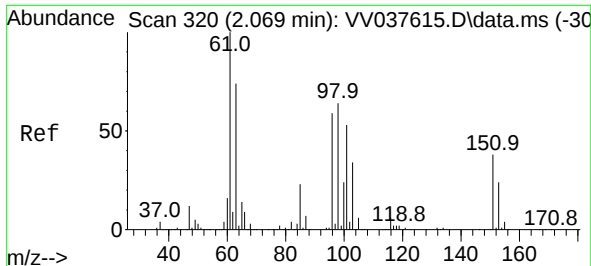
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 7.254 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

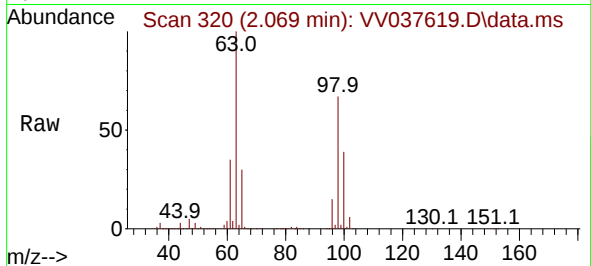
Lab File: VV037619.D

Acq: 27 Sep 2024 20:17

Instrument :

MSVOA_V

ClientSampleId :



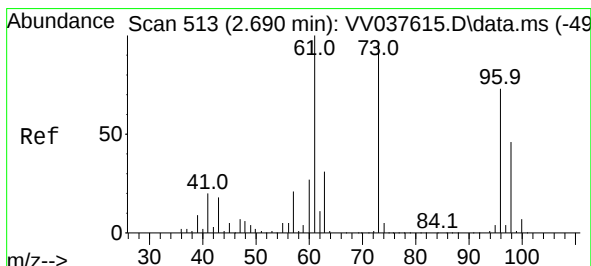
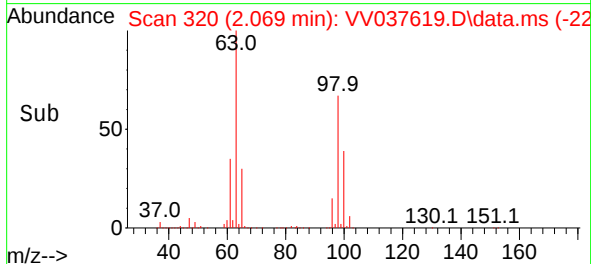
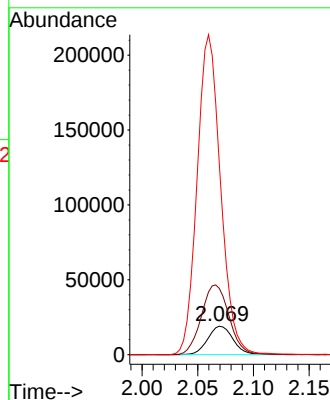
Tgt Ion: 96 Resp: 30279

Ion Ratio Lower Upper

96 100

61 233.4 122.6 227.6#

63 674.9 118.0 219.2#



#17

trans-1,2-Dichloroethene

Concen: 2.039 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV037619.D

Acq: 27 Sep 2024 20:17

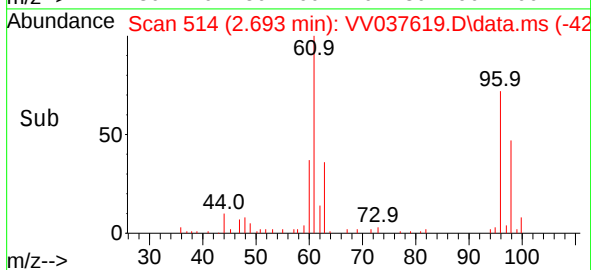
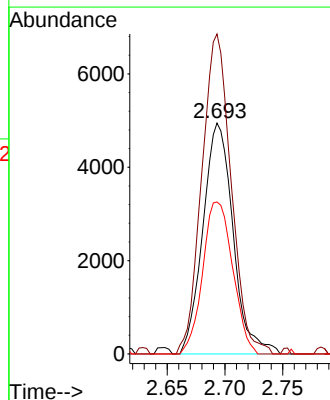
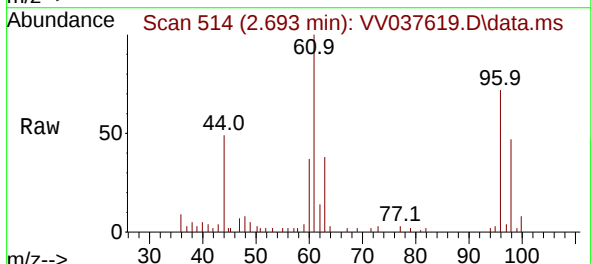
Tgt Ion: 96 Resp: 9003

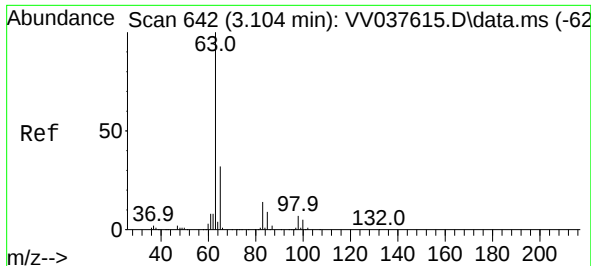
Ion Ratio Lower Upper

96 100

61 138.6 97.3 180.7

98 65.8 43.9 81.5

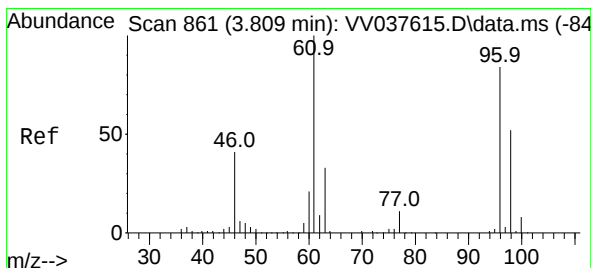
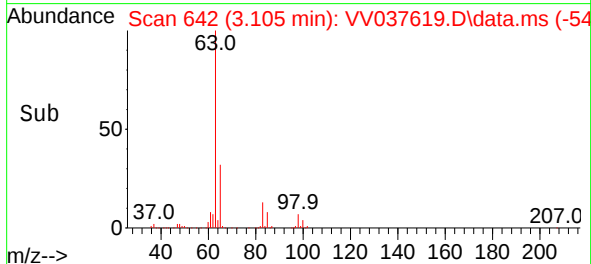
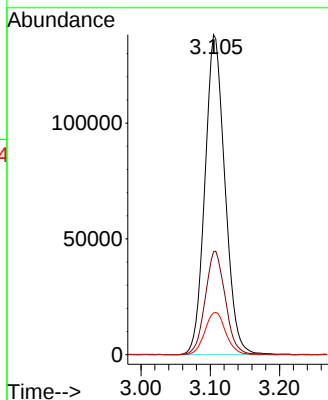
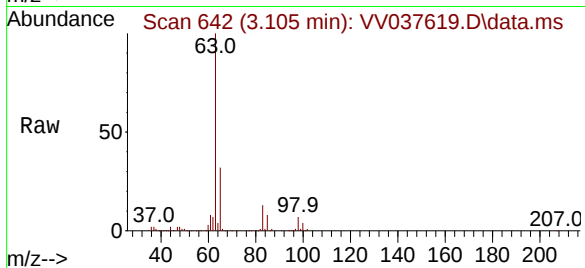




#19
1,1-Dichloroethane
Concen: 32.792 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037619.D
Acq: 27 Sep 2024 20:17

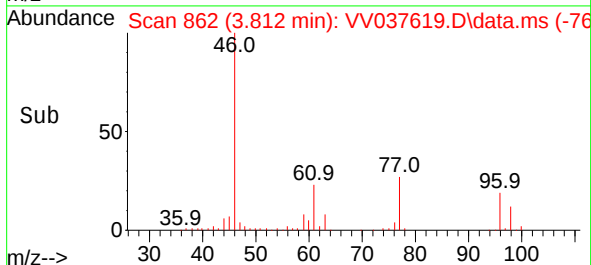
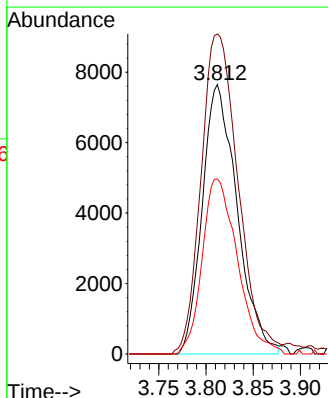
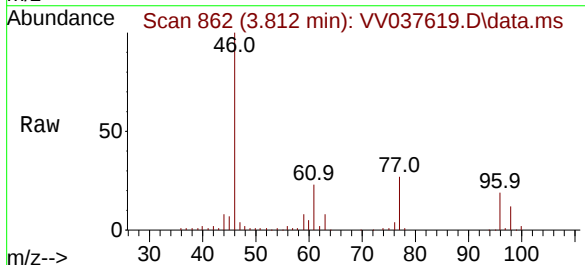
Instrument :
MSVOA_V
ClientSampleId :

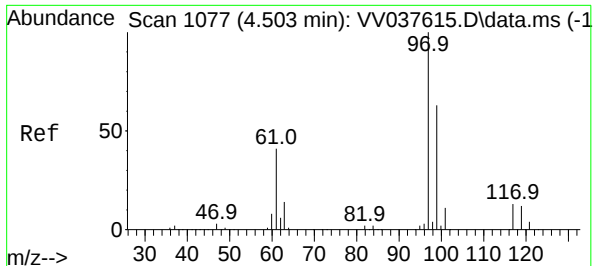
Tgt Ion: 63 Resp: 277455
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 13.1 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 3.964 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV037619.D
Acq: 27 Sep 2024 20:17

Tgt Ion: 96 Resp: 19588
Ion Ratio Lower Upper
96 100
61 118.8 85.0 157.8
98 64.9 44.2 82.0

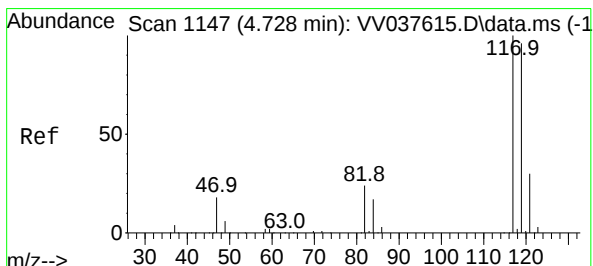
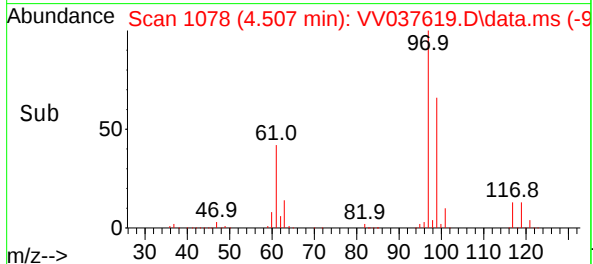
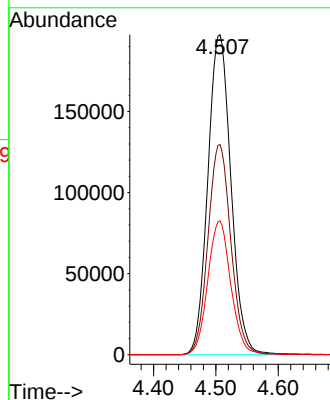
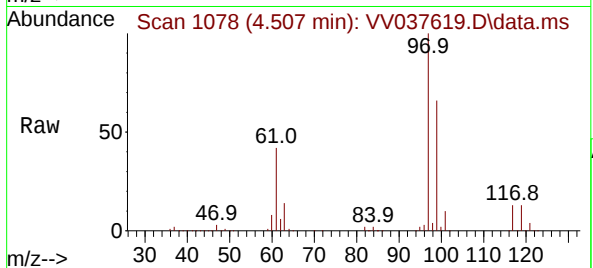




#30
1,1,1-Trichloroethane
Concen: 67.728 ug/L
RT: 4.507 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037619.D
Acq: 27 Sep 2024 20:17

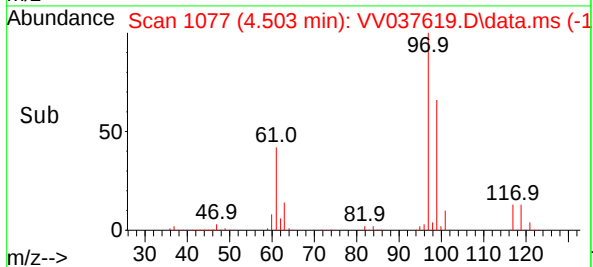
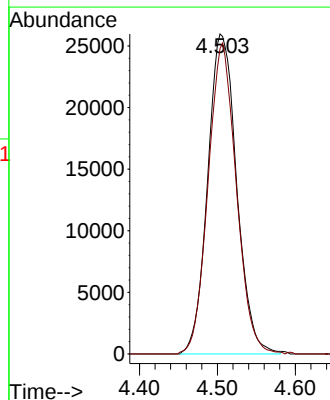
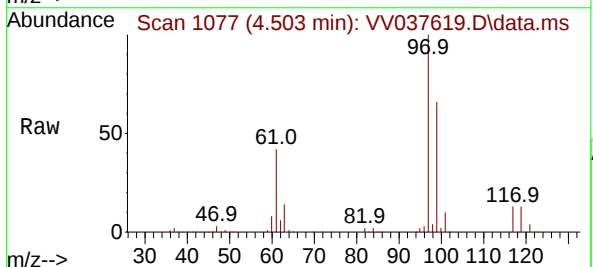
Instrument :
MSVOA_V
ClientSampleId :

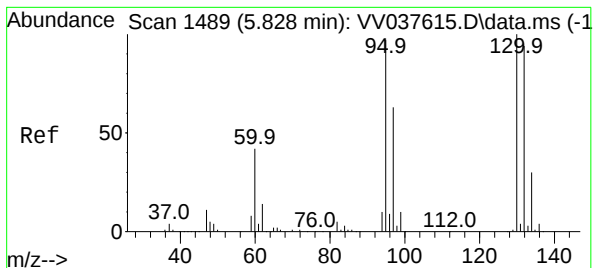
Tgt Ion: 97 Resp: 509231
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 41.6 33.6 50.4



#31
Carbon tetrachloride
Concen: 10.259 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.225 min
Lab File: VV037619.D
Acq: 27 Sep 2024 20:17

Tgt Ion:117 Resp: 67063
Ion Ratio Lower Upper
117 100
119 94.3 76.9 115.3





#34

Trichloroethene

Concen: 1.704 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.013 min

Lab File: VV037619.D

Acq: 27 Sep 2024 20:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 8356

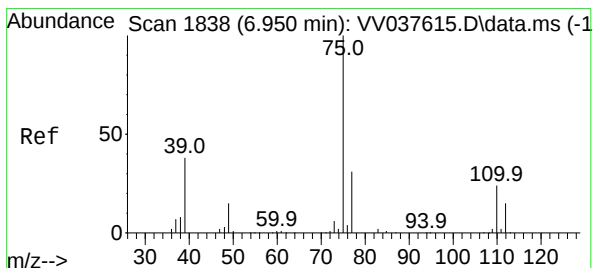
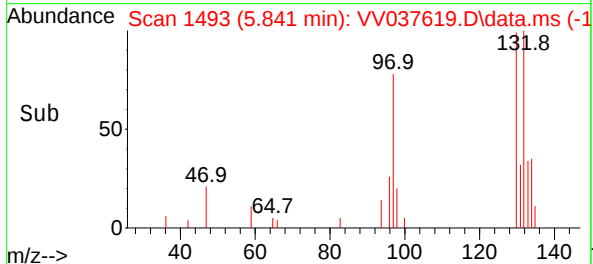
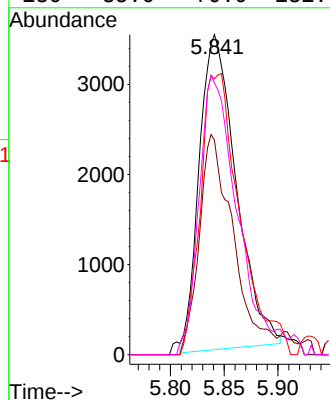
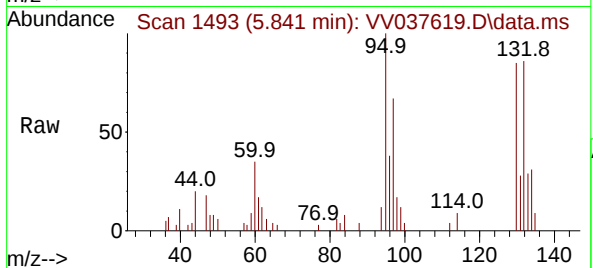
Ion Ratio Lower Upper

95 100

97 67.0 46.3 85.9

132 86.2 68.6 127.4

130 85.0 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 0.998 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.038 min

Lab File: VV037619.D

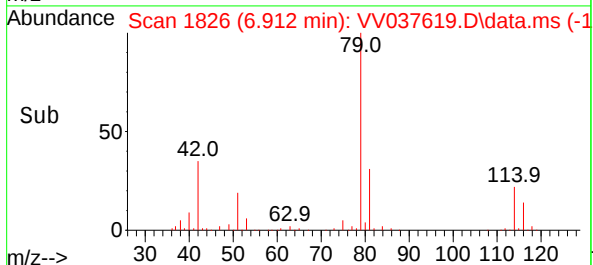
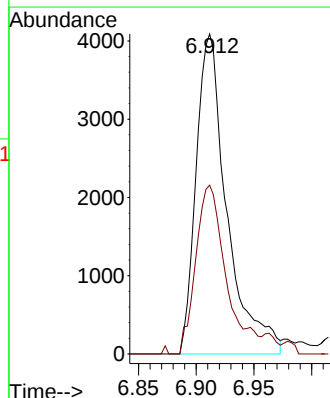
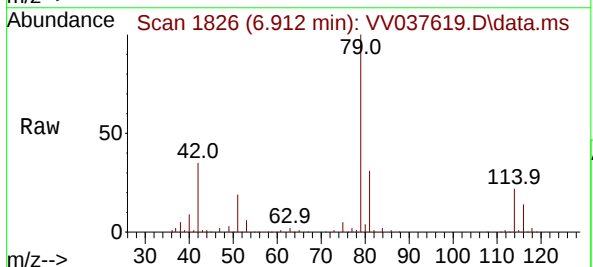
Acq: 27 Sep 2024 20:17

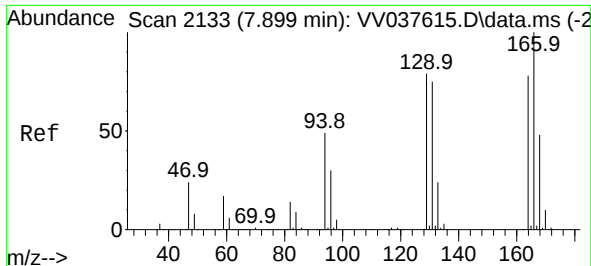
Tgt Ion: 75 Resp: 7571

Ion Ratio Lower Upper

75 100

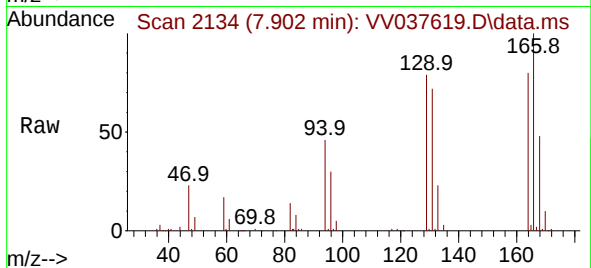
77 52.8 21.8 40.4#



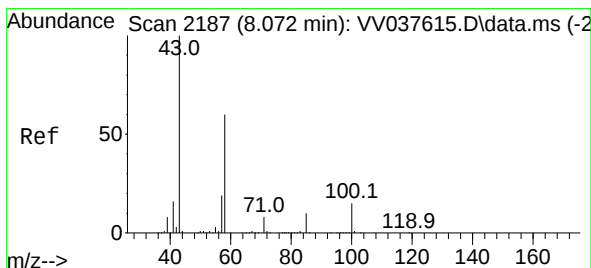
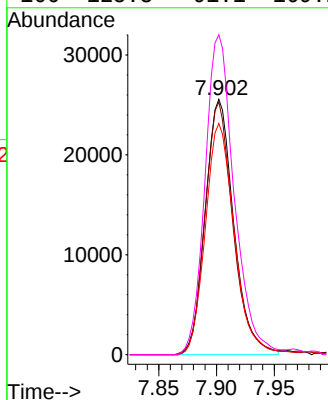
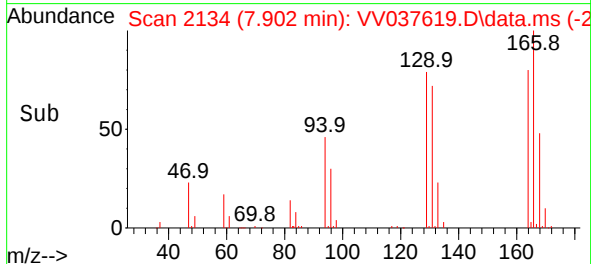


#46
Tetrachloroethene
Concen: 11.706 ug/L
RT: 7.902 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037619.D
Acq: 27 Sep 2024 20:17

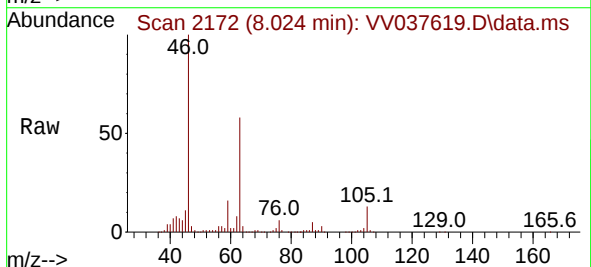
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 43884
Ion Ratio Lower Upper
164 100
129 99.0 68.2 126.6
131 90.5 66.1 122.8
166 125.3 91.1 169.1



#48
2-Hexanone
Concen: 4.438 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.048 min
Lab File: VV037619.D
Acq: 27 Sep 2024 20:17



Tgt Ion: 43 Resp: 13357
Ion Ratio Lower Upper
43 100
58 42.3 46.5 69.7#
57 36.8 15.1 22.7#
100 4.0 10.7 16.1#

