

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037606.D
 Acq On : 27 Sep 2024 15:15
 Operator : SY/MD
 Sample : P4184-01DL 5X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY029DL

Quant Time: Sep 27 23:50:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

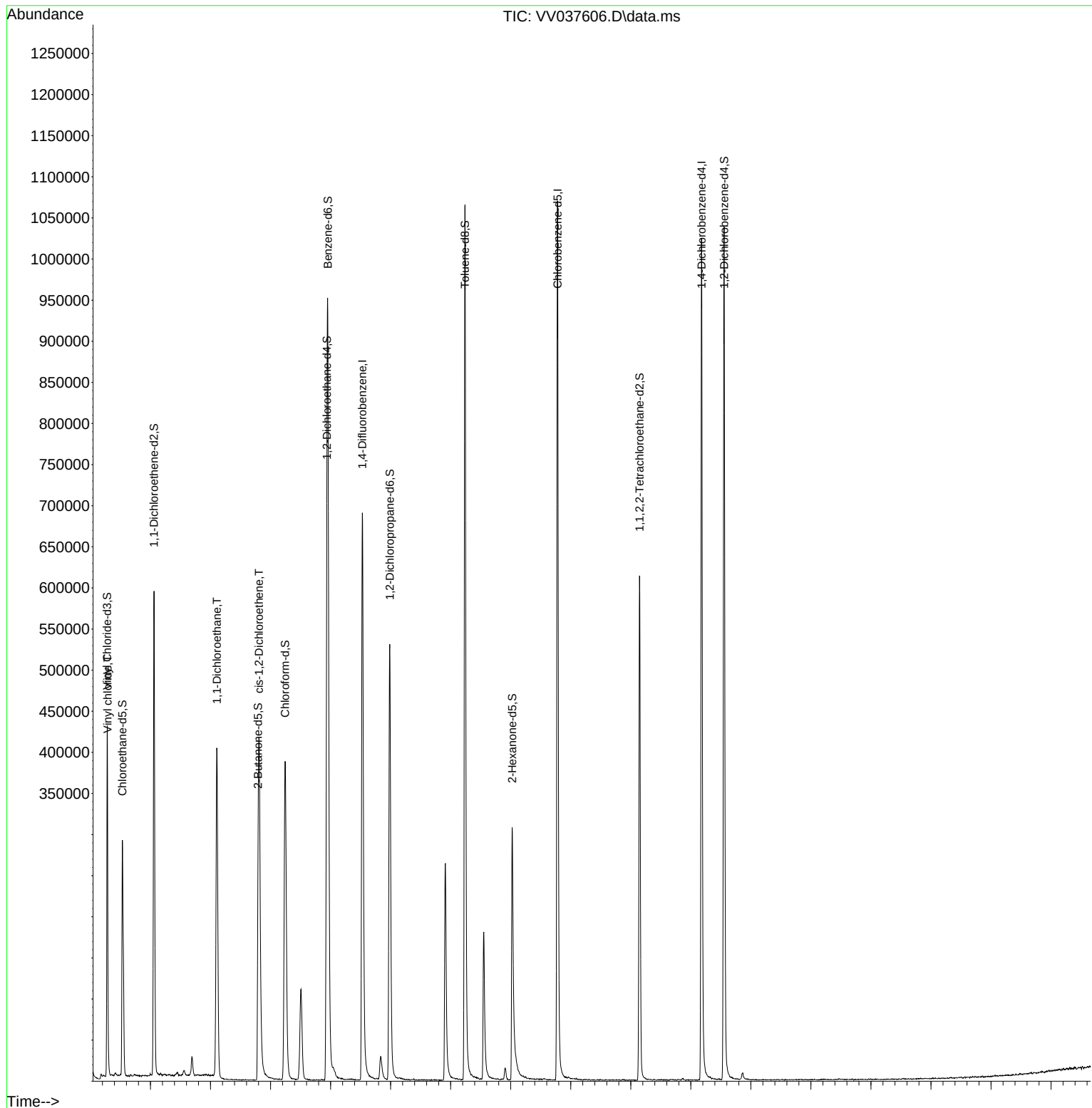
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	612643	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	590448	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	272460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	225558	41.941	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.880%		
7) Chloroethane-d5	1.532	69	183131	43.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.740%		
11) 1,1-Dichloroethene-d2	2.060	65	97380	43.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.680%		
21) 2-Butanone-d5	3.793	46	181690	94.850	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.850%		
24) Chloroform-d	4.243	84	425041	44.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.840%		
26) 1,2-Dichloroethane-d4	4.937	65	255051	45.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
32) Benzene-d6	4.953	84	841438	45.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
36) 1,2-Dichloropropane-d6	5.985	67	267391	45.448	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.900%		
41) Toluene-d8	7.239	98	715712	42.720	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.440%		
43) trans-1,3-Dichloroprop...	7.551	79	115445	42.240	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.480%		
47) 2-Hexanone-d5	8.024	63	103690	83.464	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.460%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	302543	44.257	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.520%		
66) 1,2-Dichlorobenzene-d4	11.554	152	272198	47.411	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.820%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	73316	13.506	ug/L	95
8) Chloroethane	1.548	64	65333	19.527	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	8211	1.903	ug/L	95
19) 1,1-Dichloroethane	3.105	63	394156	47.678	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	197598	40.923	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	93223	12.819	ug/L	98
34) Trichloroethene	5.841	95	8811	1.858	ug/L	97
46) Tetrachloroethene	7.911	164	3689	1.017	ug/L	97

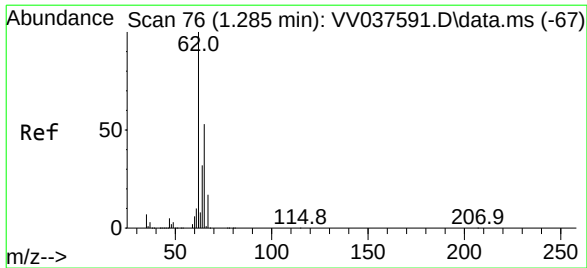
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 13.506 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037606.D

Acq: 27 Sep 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

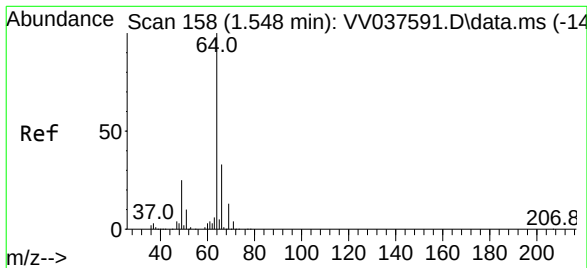
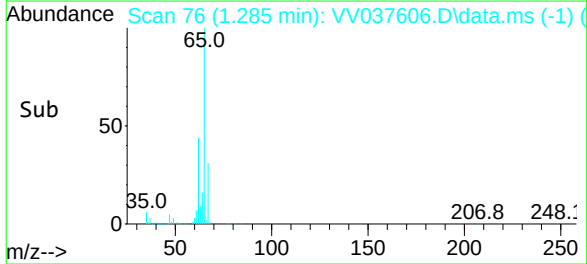
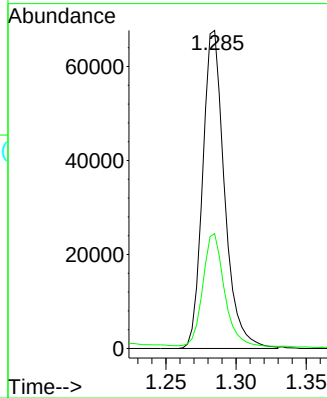
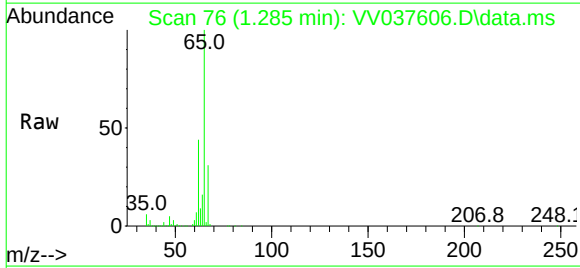
EY029DL

Tgt Ion: 62 Resp: 73316

Ion Ratio Lower Upper

62 100

64 36.1 23.2 43.0



#8

Chloroethane

Concen: 19.527 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.000 min

Lab File: VV037606.D

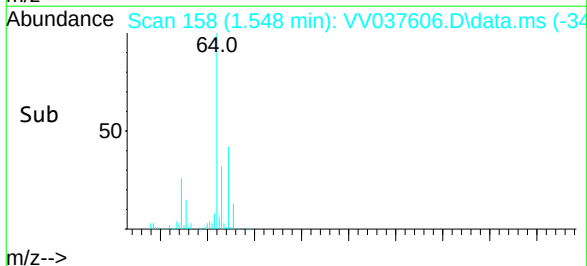
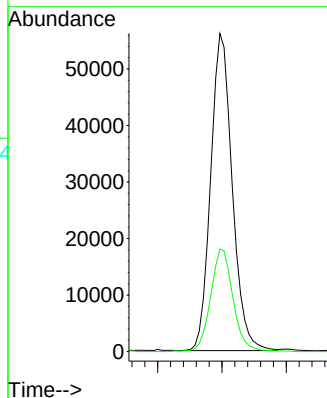
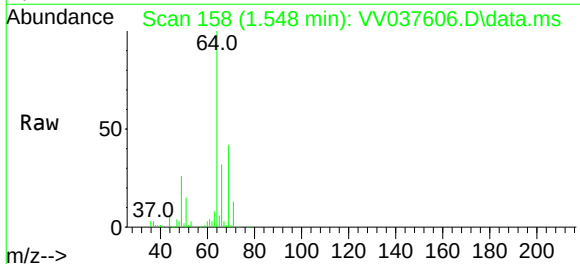
Acq: 27 Sep 2024 15:15

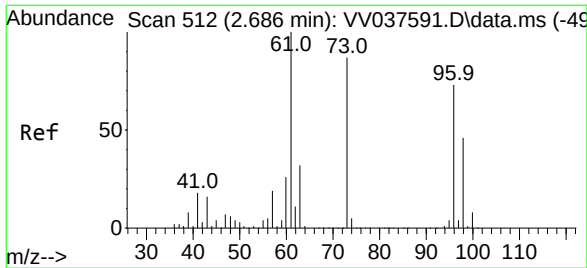
Tgt Ion: 64 Resp: 65333

Ion Ratio Lower Upper

64 100

66 32.2 22.2 41.2

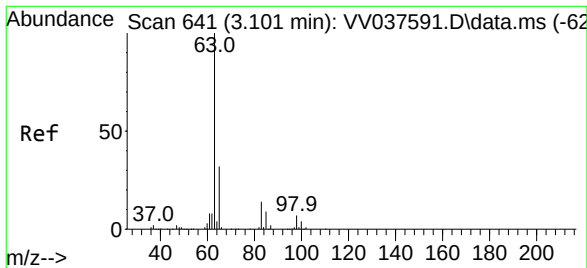
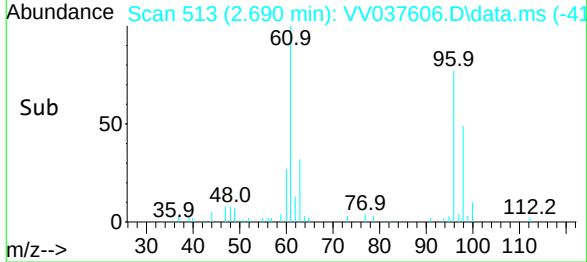
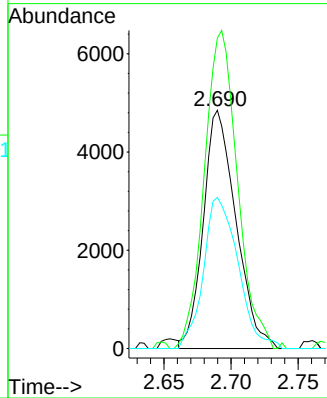
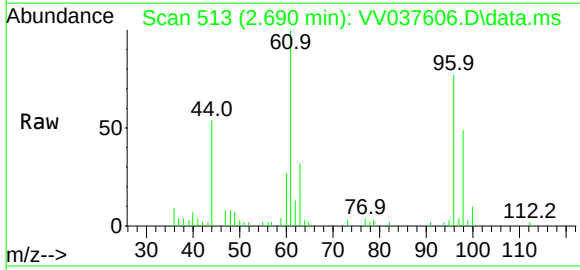




#17
trans-1,2-Dichloroethene
Concen: 1.903 ug/L
RT: 2.690 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV037606.D
Acq: 27 Sep 2024 15:15

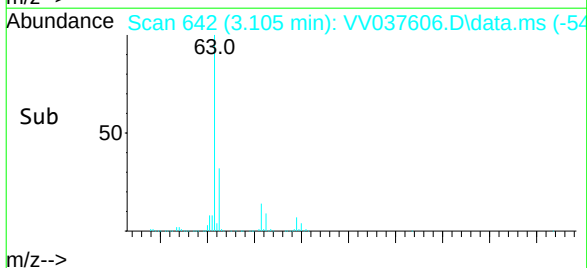
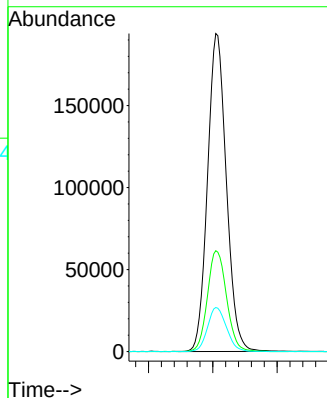
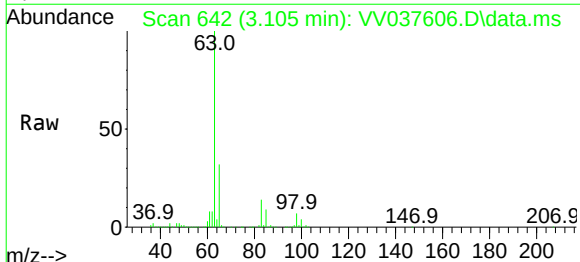
Instrument :
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ClientSampleId :
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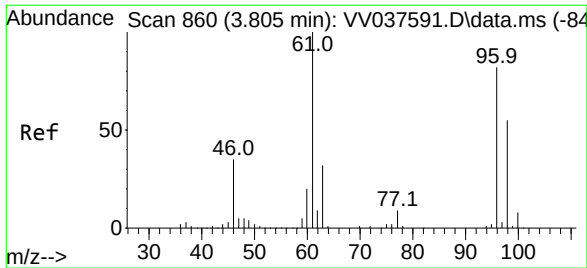
Tgt Ion:	96	Resp:	8211
Ion	Ratio	Lower	Upper
96	100		
61	130.3	97.3	180.7
98	63.4	43.9	81.5



#19
1,1-Dichloroethane
Concen: 47.678 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV037606.D
Acq: 27 Sep 2024 15:15

Tgt Ion:	63	Resp:	394156
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.4	41.6
83	13.9	9.5	17.7

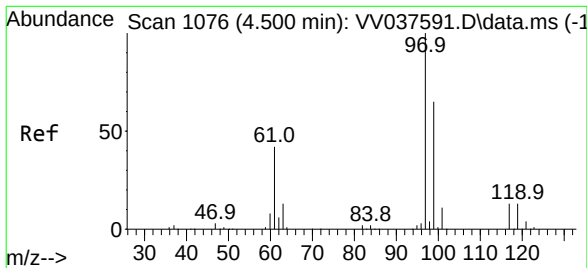
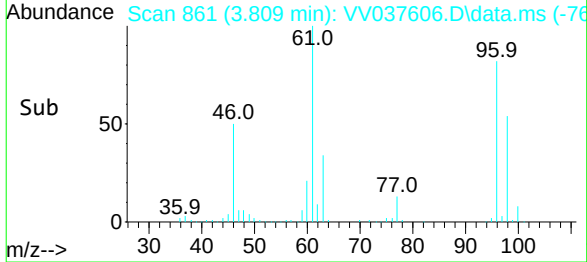
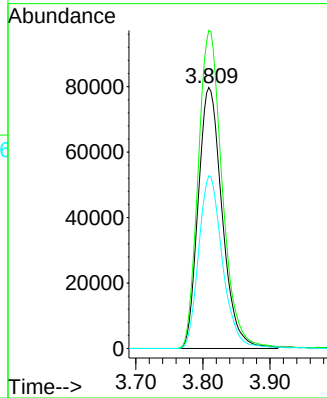
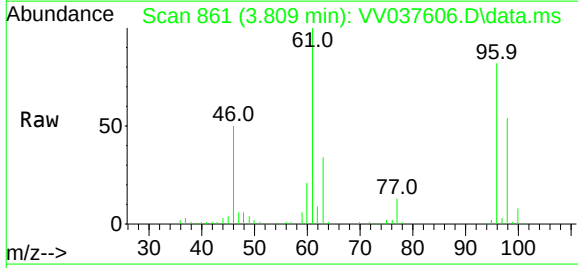




#20
 cis-1,2-Dichloroethene
 Concen: 40.923 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV037606.D
 Acq: 27 Sep 2024 15:15

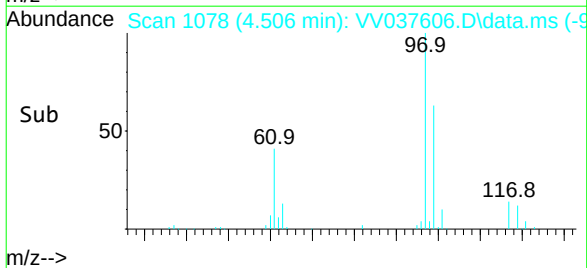
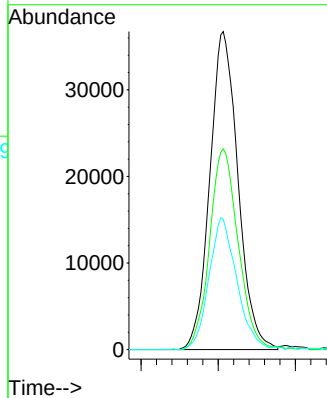
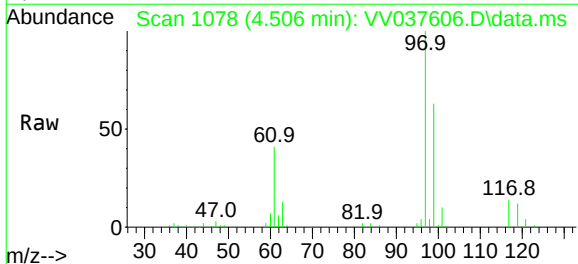
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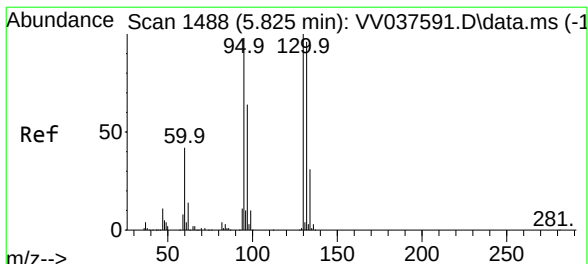
Tgt Ion:	96	Resp:	197598
Ion	Ratio	Lower	Upper
96	100		
61	121.9	85.0	157.8
98	66.2	44.2	82.0



#30
 1,1,1-Trichloroethane
 Concen: 12.819 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. 0.007 min
 Lab File: VV037606.D
 Acq: 27 Sep 2024 15:15

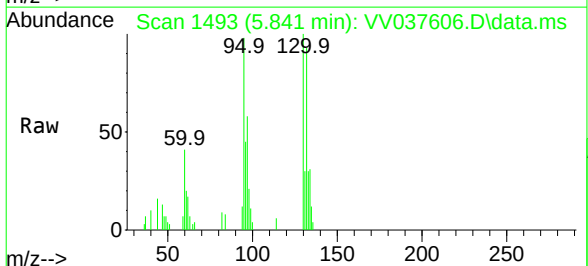
Tgt Ion:	97	Resp:	93223
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.6
61	40.8	33.6	50.4



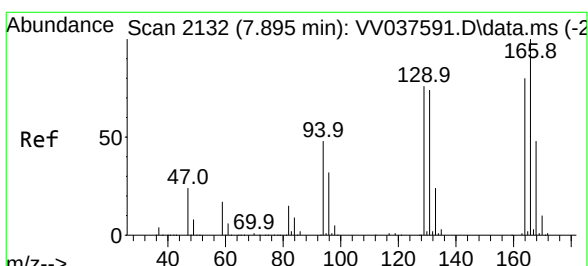
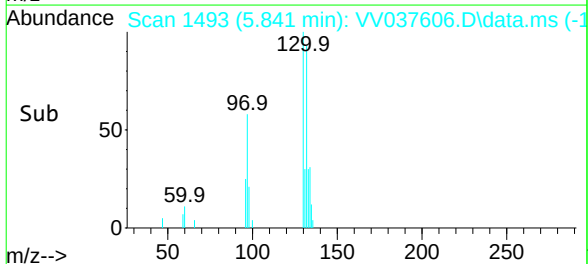
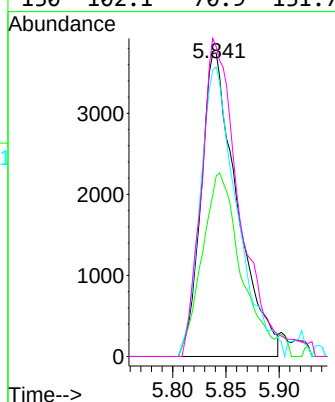


#34
 Trichloroethene
 Concen: 1.858 ug/L
 RT: 5.841 min Scan# 14
 Delta R.T. 0.016 min
 Lab File: VV037606.D
 Acq: 27 Sep 2024 15:15

Instrument :
 MSVOA_V
 ClientSampleId :
 EY029DL



Tgt Ion:	95	Resp:	8811
Ion	Ratio	Lower	Upper
95	100		
97	59.5	46.3	85.9
132	95.4	68.6	127.4
130	102.1	70.9	131.7



#46
 Tetrachloroethene
 Concen: 1.017 ug/L
 RT: 7.911 min Scan# 2137
 Delta R.T. 0.016 min
 Lab File: VV037606.D
 Acq: 27 Sep 2024 15:15

Tgt Ion:	164	Resp:	3689
Ion	Ratio	Lower	Upper
164	100		
129	90.5	68.2	126.6
131	95.4	66.1	122.8
166	132.0	91.1	169.1

