

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037582.D
 Acq On : 27 Sep 2024 04:24
 Operator : SY/MD
 Sample : P4185-10
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY051

Quant Time: Sep 27 05:58:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

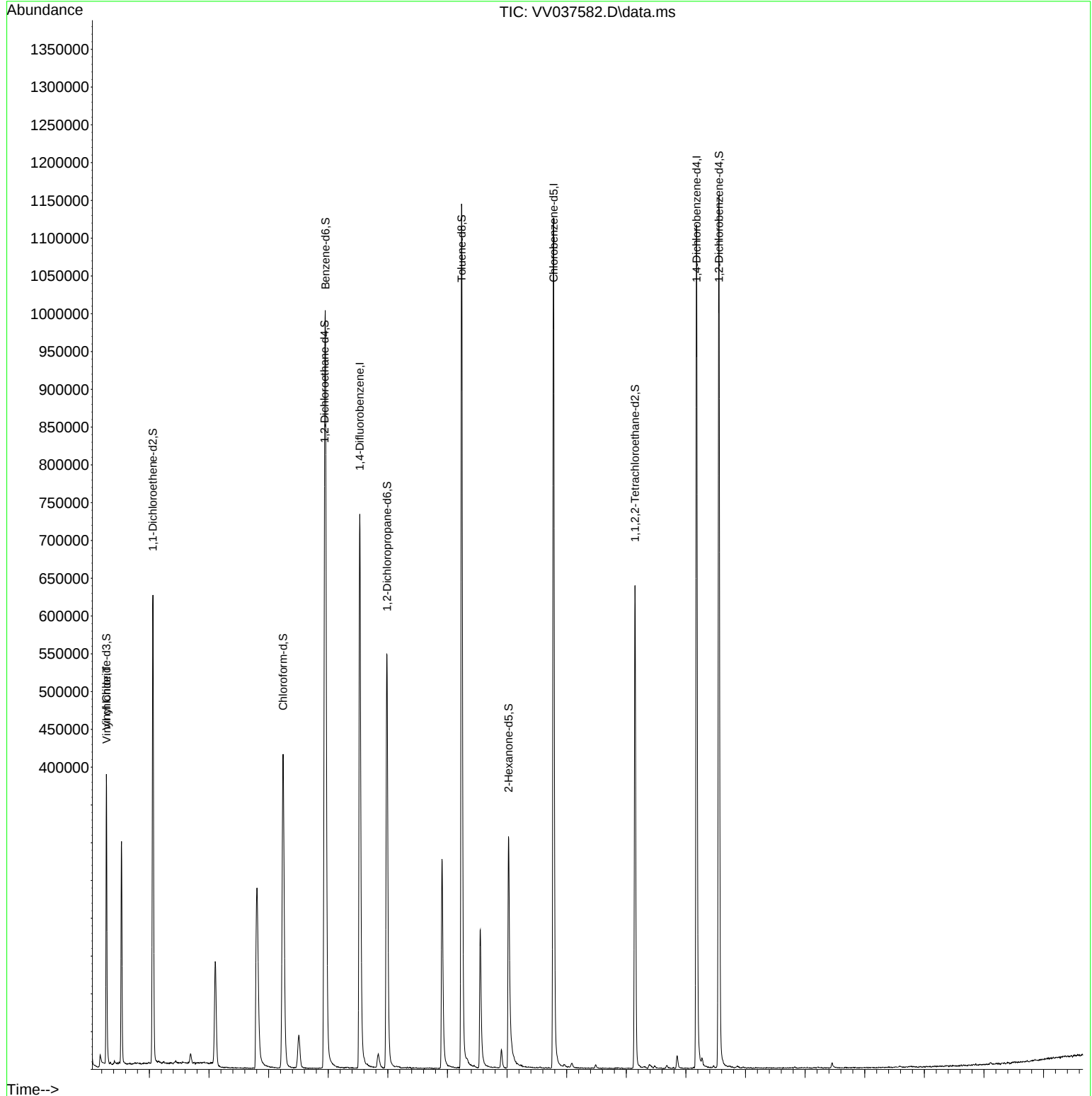
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	660616	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	625936	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	296723	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	238853	41.188	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.380%
7) Chloroethane-d5	1.532	69	191540	42.552	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.100%
11) 1,1-Dichloroethene-d2	2.060	65	104053	42.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.900%
21) 2-Butanone-d5	3.793	46	178411	86.375	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.370%
24) Chloroform-d	4.243	84	447409	43.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.720%
26) 1,2-Dichloroethane-d4	4.937	65	262895	43.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
32) Benzene-d6	4.953	84	890688	45.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
36) 1,2-Dichloropropane-d6	5.985	67	279179	44.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.520%
41) Toluene-d8	7.236	98	783816	44.132	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.260%
43) trans-1,3-Dichloroprop...	7.551	79	116844	40.328	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.660%
47) 2-Hexanone-d5	8.024	63	108130	82.103	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	313546	43.266	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.540%
66) 1,2-Dichlorobenzene-d4	11.554	152	296048	47.348	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.700%
Target Compounds				Qvalue		
5) Vinyl chloride	1.281	62	18819	3.215	ug/L #	69
17) trans-1,2-Dichloroethene	2.690	96	4126	0.887	ug/L	98
19) 1,1-Dichloroethane	3.105	63	133543	14.980	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	92766	17.817	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	36915	4.788	ug/L	99
34) Trichloroethene	5.841	95	6095	1.212	ug/L	94
46) Tetrachloroethene	7.902	164	5614	1.461	ug/L	91

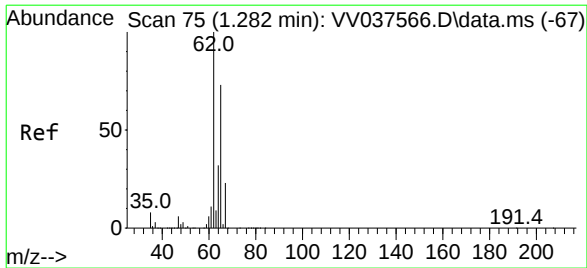
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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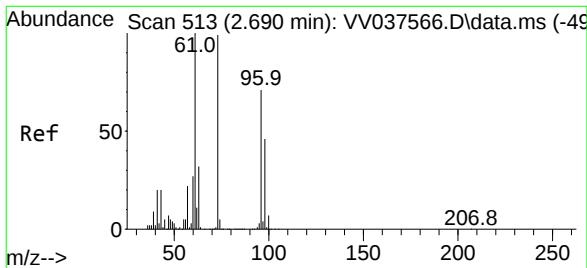
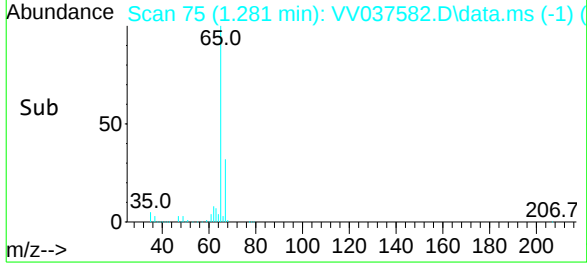
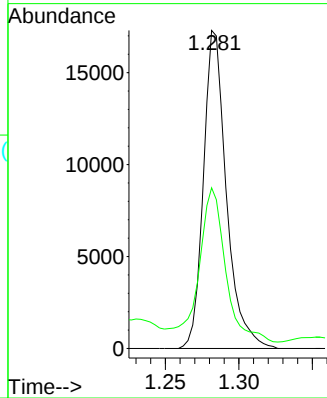
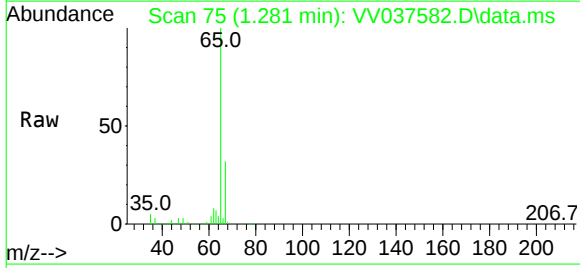




#5
 Vinyl chloride
 Concen: 3.215 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037582.D
 Acq: 27 Sep 2024 04:24

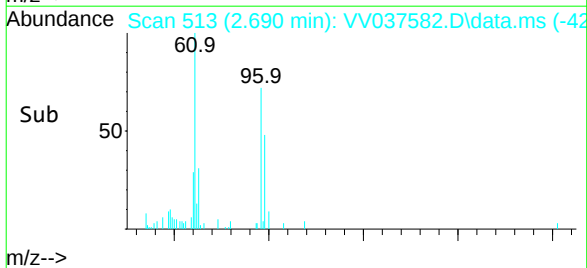
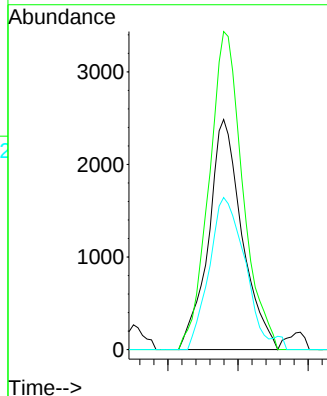
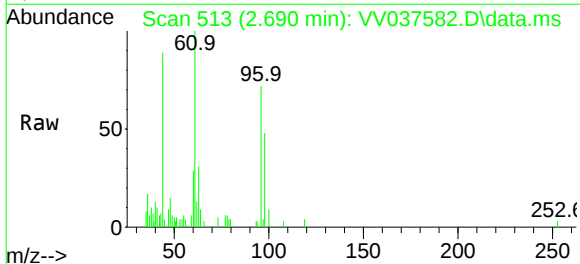
Instrument :
 MSVOA_V
 ClientSampleId :
 EY051

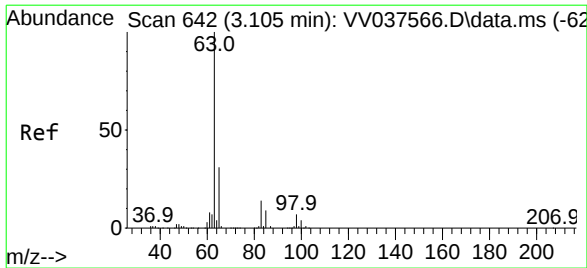
Tgt Ion	Ratio	Lower	Upper
62	100		
64	50.5	23.2	43.0



#17
 trans-1,2-Dichloroethene
 Concen: 0.887 ug/L
 RT: 2.690 min Scan# 513
 Delta R.T. -0.000 min
 Lab File: VV037582.D
 Acq: 27 Sep 2024 04:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.2	97.3	180.7
98	66.1	43.9	81.5

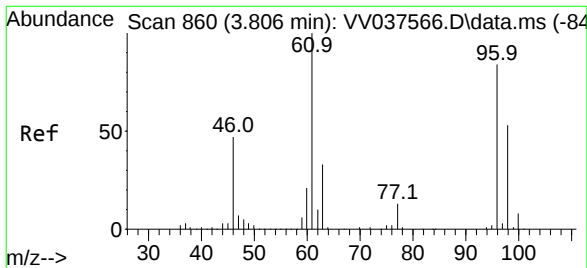
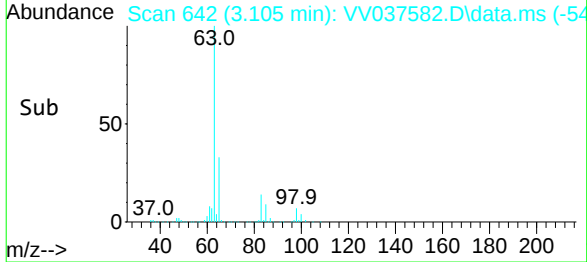
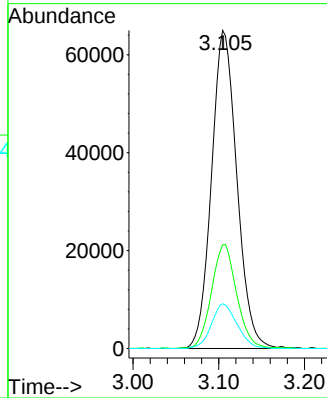
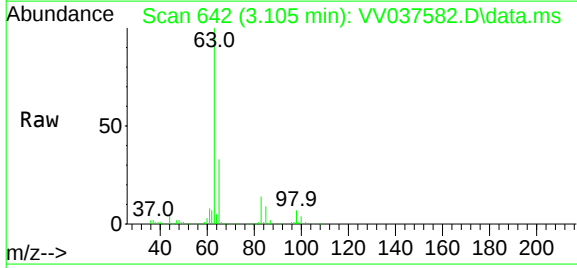




#19
1,1-Dichloroethane
Concen: 14.980 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV037582.D
Acq: 27 Sep 2024 04:24

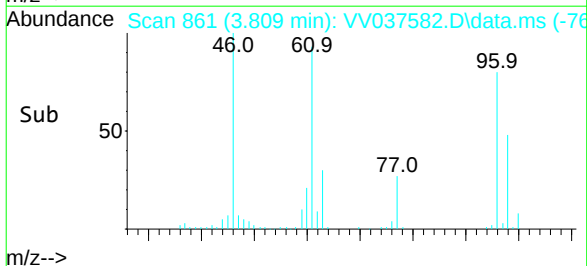
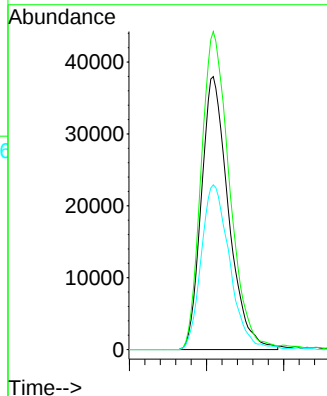
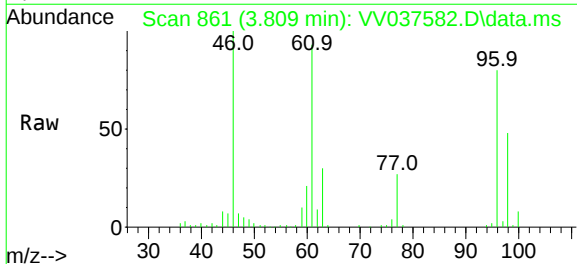
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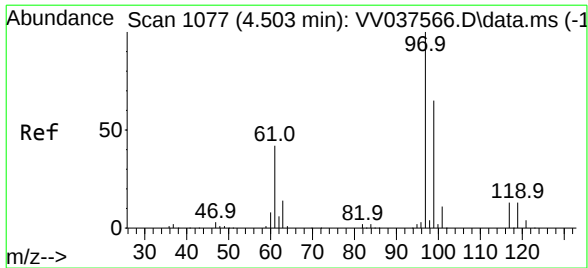
Tgt Ion:	63	Resp:	133543
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.4	41.6
83	14.1	9.5	17.7



#20
cis-1,2-Dichloroethene
Concen: 17.817 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037582.D
Acq: 27 Sep 2024 04:24

Tgt Ion:	96	Resp:	92766
Ion	Ratio	Lower	Upper
96	100		
61	116.5	85.0	157.8
98	60.4	44.2	82.0

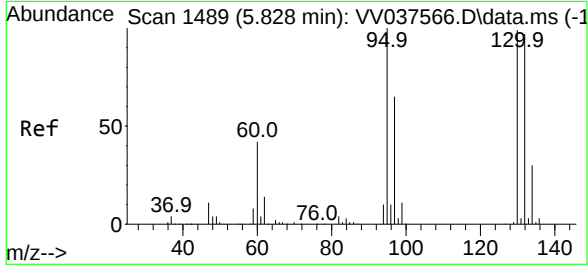
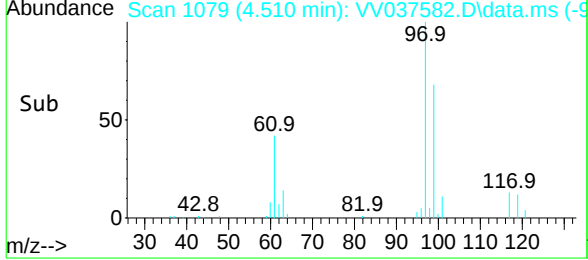
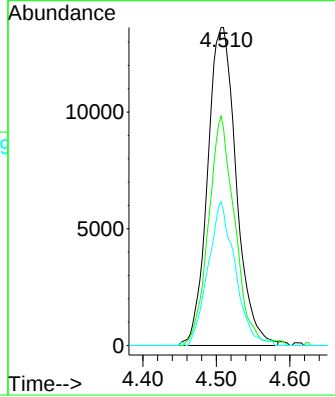
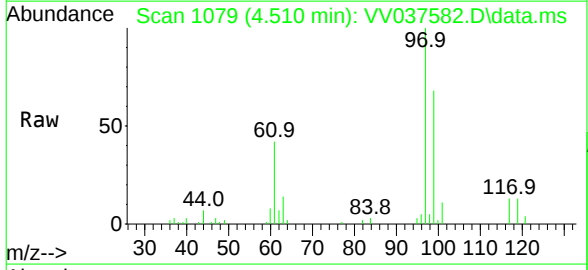




#30
1,1,1-Trichloroethane
Concen: 4.788 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VV037582.D
Acq: 27 Sep 2024 04:24

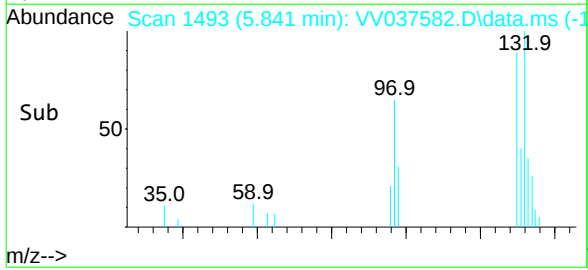
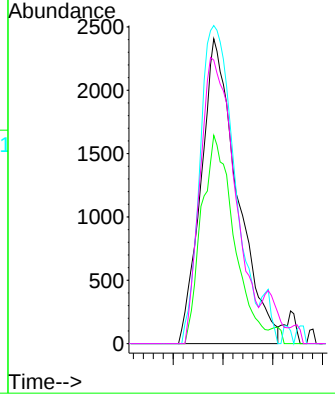
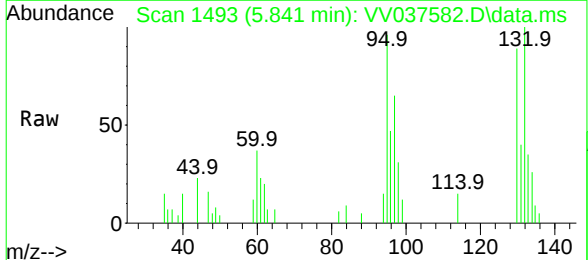
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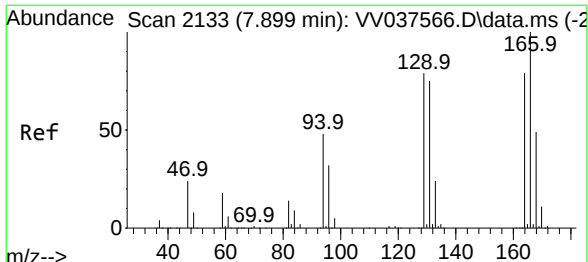
Tgt Ion:	97	Resp:	36915
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.8	77.6
61	42.3	33.6	50.4



#34
Trichloroethene
Concen: 1.212 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.013 min
Lab File: VV037582.D
Acq: 27 Sep 2024 04:24

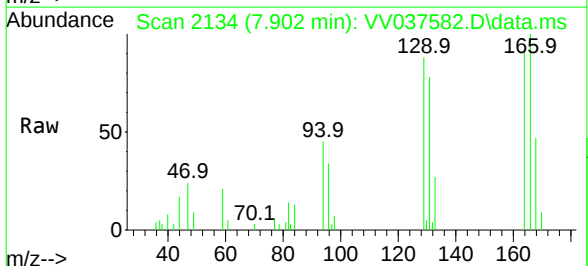
Tgt Ion:	95	Resp:	6095
Ion	Ratio	Lower	Upper
95	100		
97	68.3	46.3	85.9
132	104.3	68.6	127.4
130	93.0	70.9	131.7





#46
 Tetrachloroethene
 Concen: 1.461 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV037582.D
 Acq: 27 Sep 2024 04:24

Instrument : MSVOA_V
 ClientSampleId : EY051



Tgt Ion:	164	Resp:	5614
Ion	Ratio	Lower	Upper
164	100		
129	97.2	68.2	126.6
131	86.3	66.1	122.8
166	110.1	91.1	169.1

