

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038260.D
 Acq On : 22 Nov 2024 10:22
 Operator : SY/MD
 Sample : P4883-16DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3L5DL

Quant Time: Nov 22 23:58:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

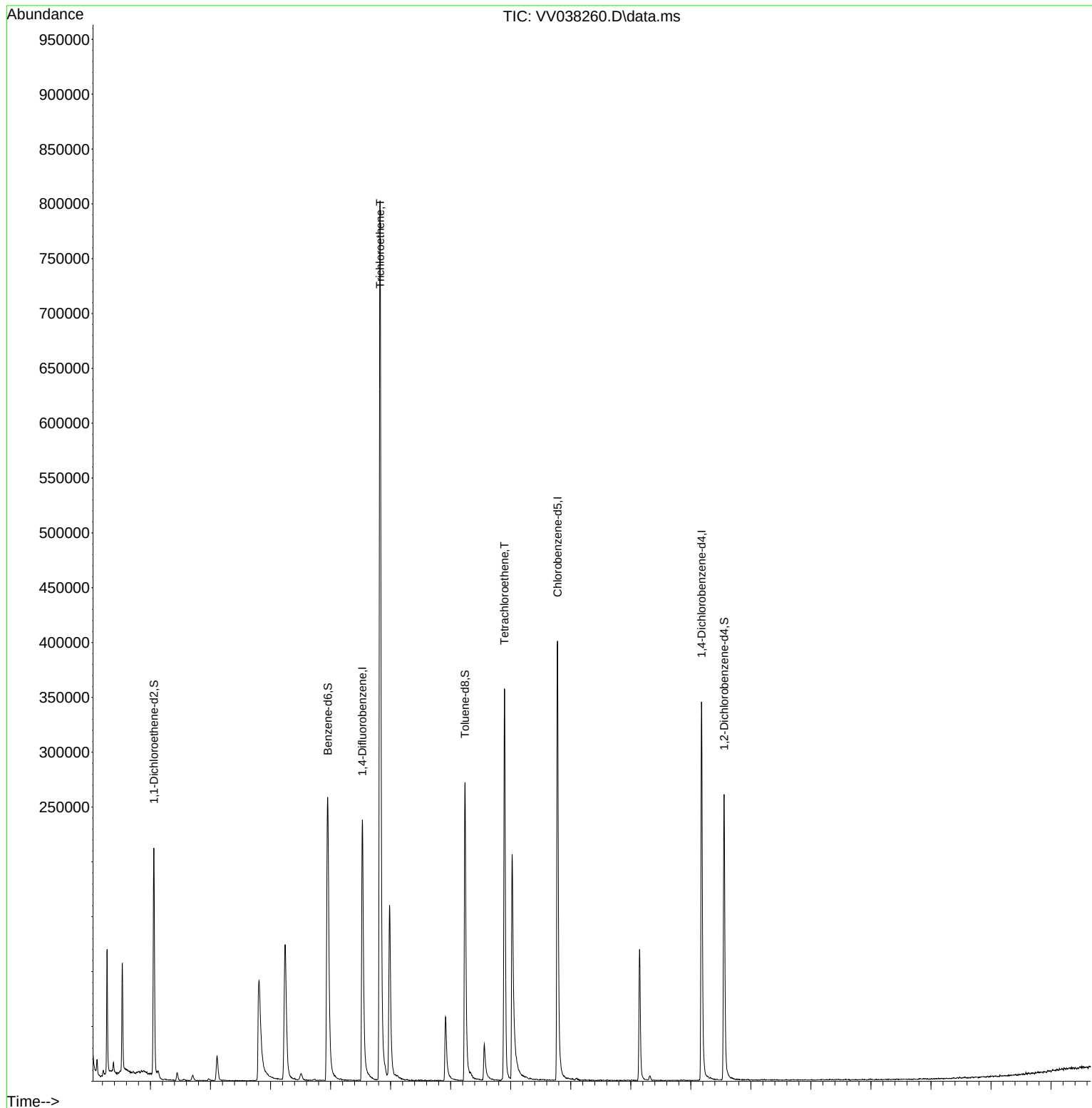
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	223753	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	250986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	102604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74743	4.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.529	69	64341	4.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.056	65	33350	4.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.802	46	120126	35.014	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.020%
24) Chloroform-d	4.243	84	143507	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	4.941	65	64323	4.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	4.953	84	254526	3.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	5.982	67	81956	4.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.240	98	209008	3.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.558	79	25994	3.503	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.024	63	85417	29.610	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.220%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	63740	3.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	75199	4.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
12) 1,1-Dichloroethene	2.066	96	5491	0.344	ug/L #	1
16) Methylene chloride	2.446	84	3257	0.179	ug/L	92
19) 1,1-Dichloroethane	3.111	63	22377	0.732	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	13478	0.774	ug/L	91
29) 1,1,1-Trichloroethane	4.513	97	5537	0.184	ug/L #	93
34) Trichloroethene	5.825	95	303474	15.791	ug/L	97
47) Tetrachloroethene	7.895	164	86466	5.599	ug/L	97

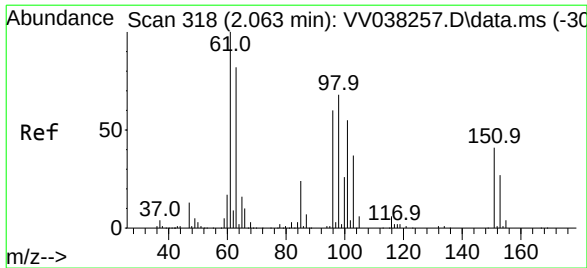
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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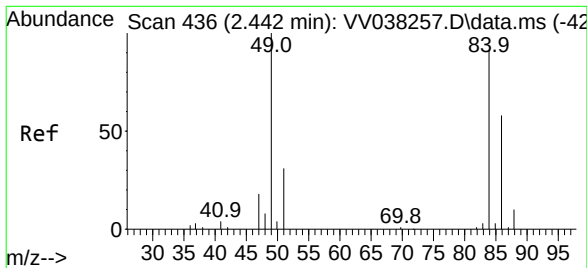
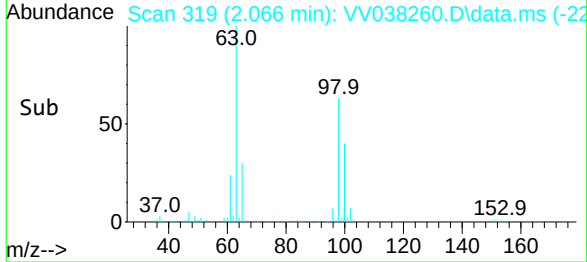
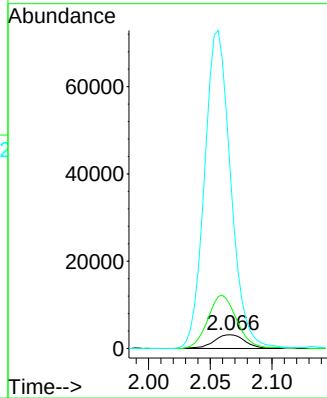
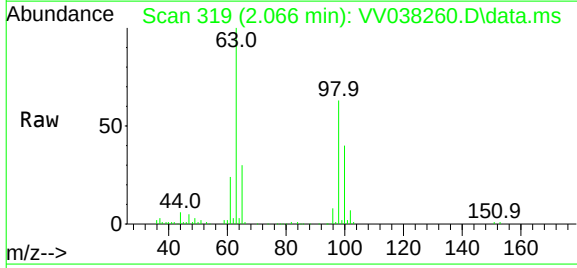




#12
1,1-Dichloroethene
Concen: 0.344 ug/L
RT: 2.066 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

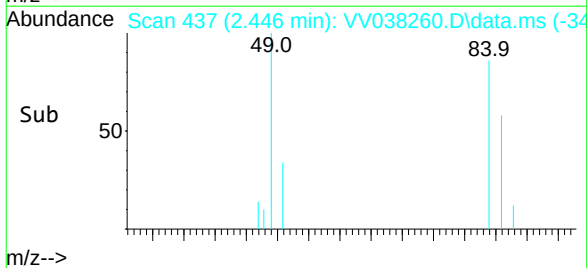
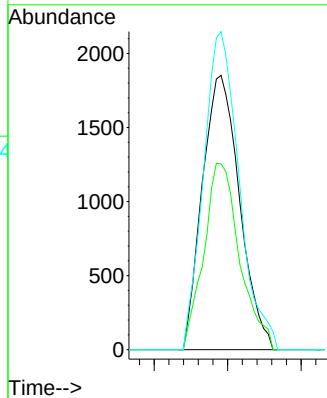
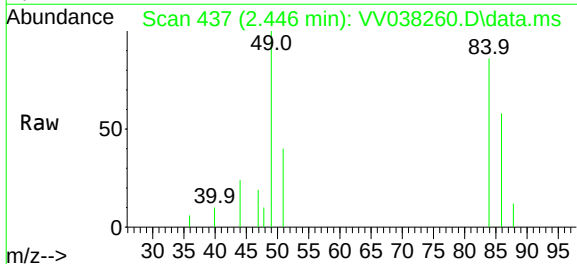
Instrument :
MSVOA_V
ClientSampleId :
BG3L5DL

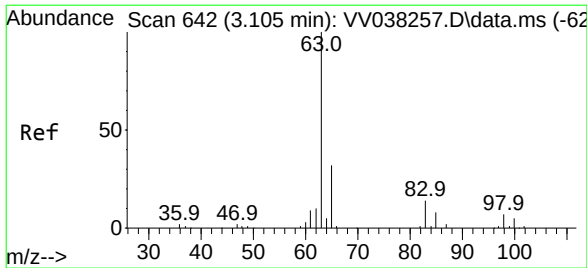
Tgt Ion: 96 Resp: 5491
Ion Ratio Lower Upper
96 100
61 315.6 115.7 214.9#
63 1295.5 101.1 187.7#



#16
Methylene chloride
Concen: 0.179 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

Tgt Ion: 84 Resp: 3257
Ion Ratio Lower Upper
84 100
86 67.7 44.2 82.2
49 116.0 74.9 139.1

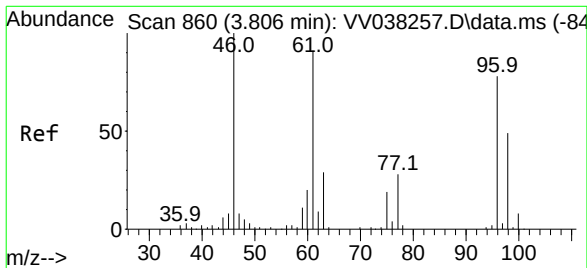
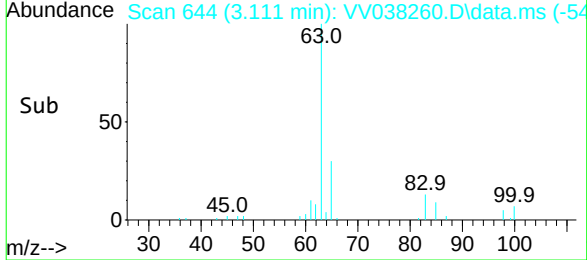
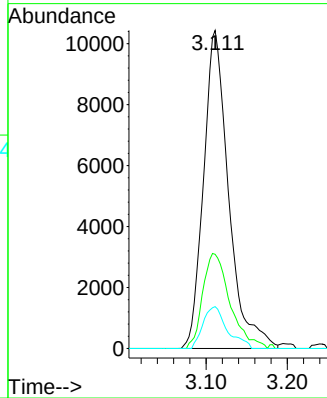
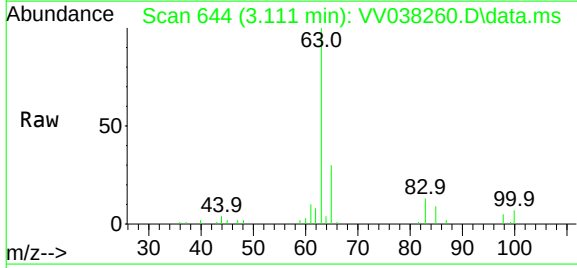




#19
1,1-Dichloroethane
Concen: 0.732 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.006 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

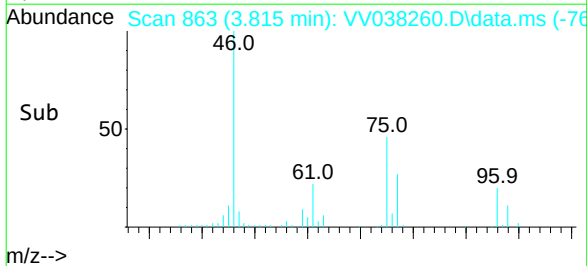
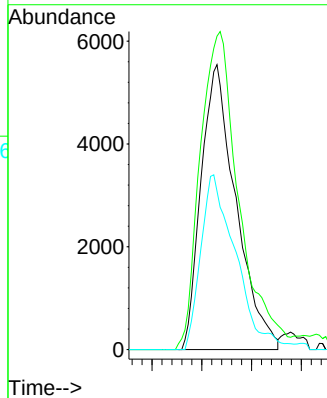
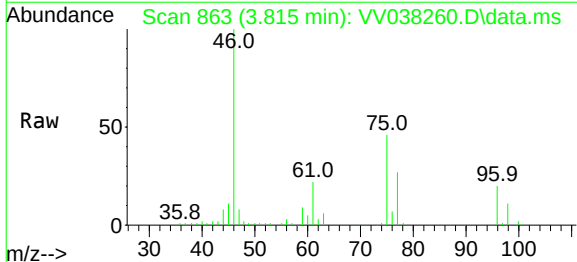
Instrument :
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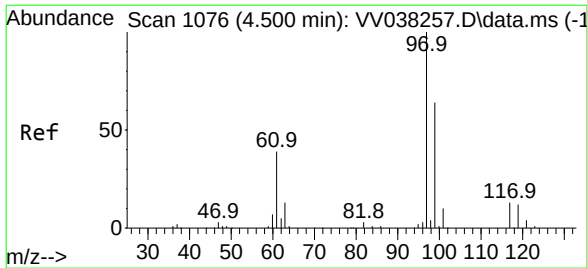
Tgt Ion:	63	Resp:	22377
Ion	Ratio	Lower	Upper
63	100		
65	29.6	22.5	41.7
83	13.2	10.1	18.9



#22
cis-1,2-Dichloroethene
Concen: 0.774 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

Tgt Ion:	96	Resp:	13478
Ion	Ratio	Lower	Upper
96	100		
61	110.0	82.7	153.5
98	55.6	46.3	85.9

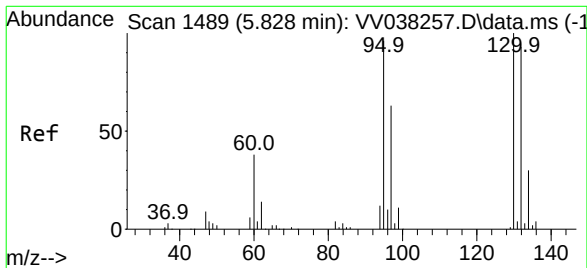
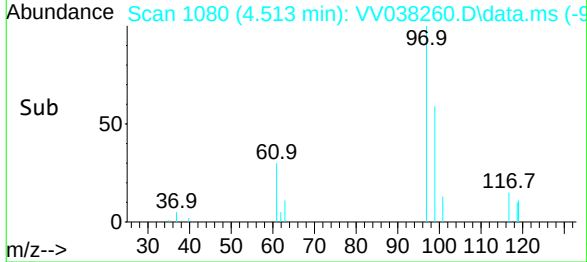
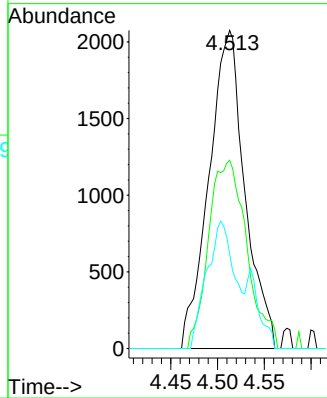
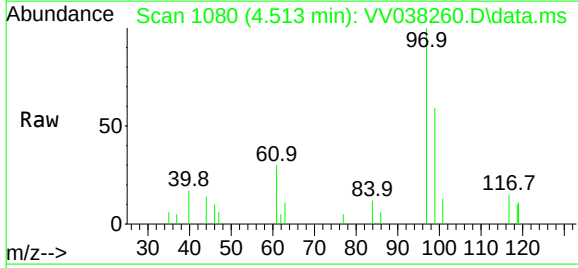




#29
1,1,1-Trichloroethane
Concen: 0.184 ug/L
RT: 4.513 min Scan# 1076
Delta R.T. 0.013 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

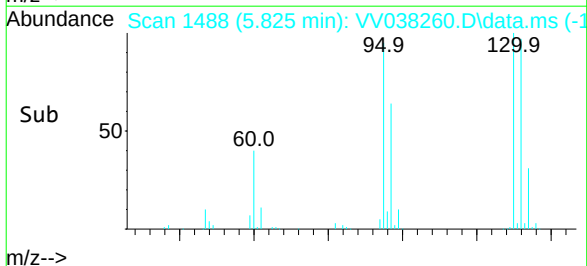
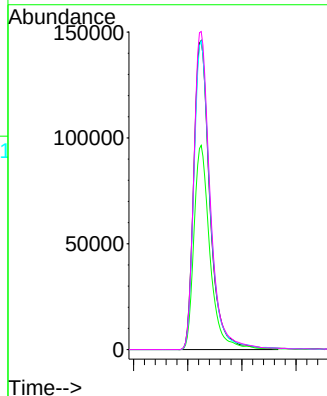
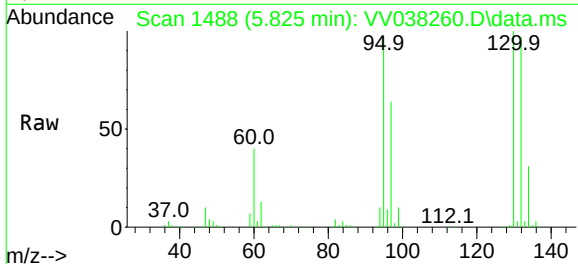
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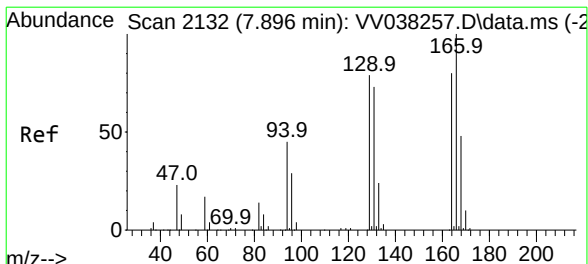
Tgt Ion:	97	Resp:	5537
Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.8	77.8
61	31.7	32.2	48.2



#34
Trichloroethene
Concen: 15.791 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

Tgt Ion:	95	Resp:	303474
Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.8	83.2
132	99.9	68.3	126.8
130	102.9	70.2	130.4





#47
 Tetrachloroethene
 Concen: 5.599 ug/L
 RT: 7.895 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV038260.D
 Acq: 22 Nov 2024 10:22

Instrument :
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Tgt Ion:	164	Resp:	86466
Ion	Ratio	Lower	Upper
164	100		
129	92.5	68.5	127.1
131	90.9	64.8	120.4
166	123.9	88.3	163.9

