

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038351.D
 Acq On : 25 Nov 2024 18:29
 Operator : SY/MD
 Sample : P4930-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG446

Quant Time: Nov 26 00:47:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

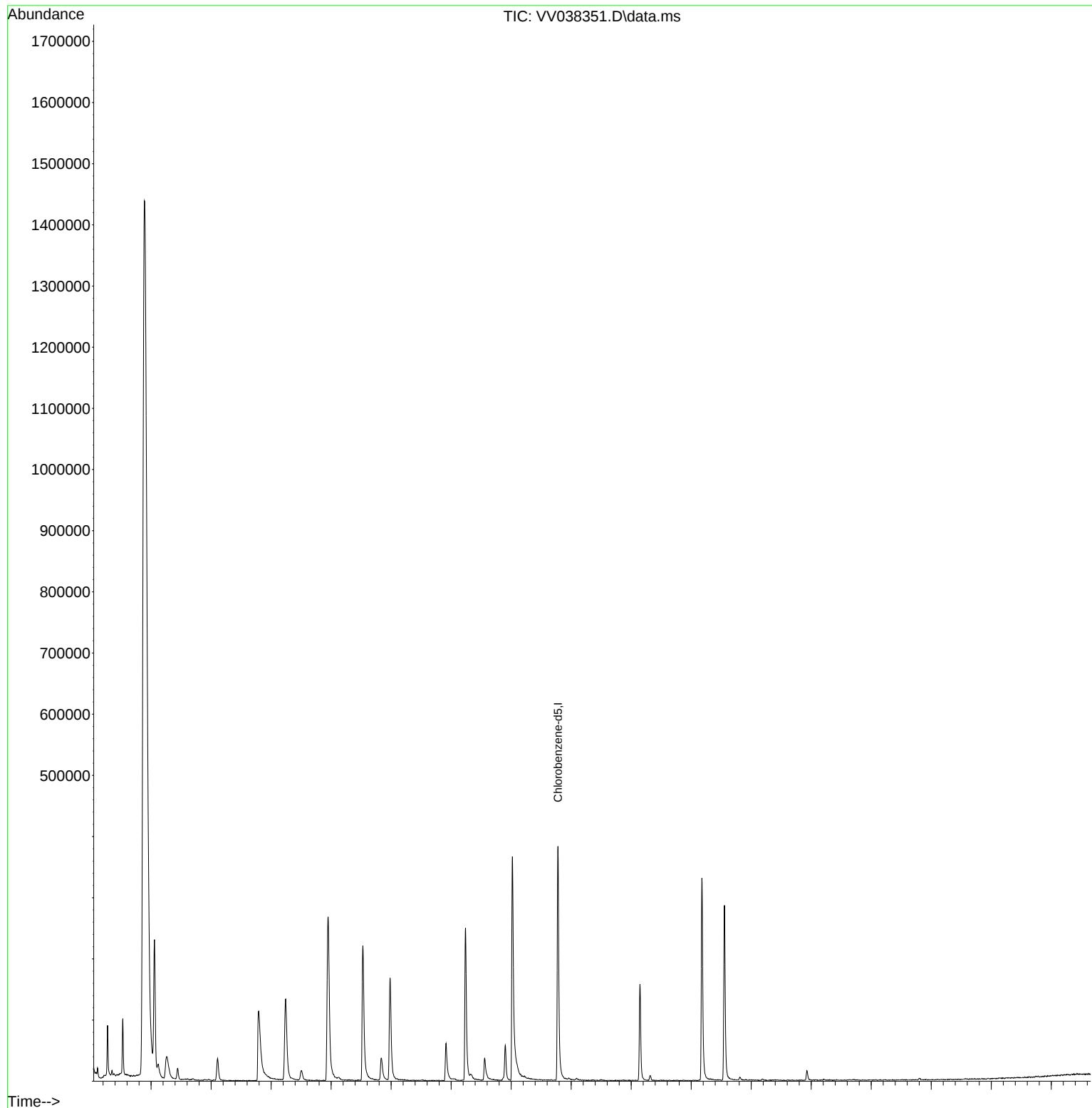
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	205973	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	232936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	95773	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	51540	3.265	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.529	69	57317	4.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.053	65	25472	3.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	3.789	46	184875	58.538	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.080%
24) Chloroform-d	4.240	84	148291	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.937	65	72488	5.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	4.953	84	251437	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.982	67	89393	4.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.239	98	182708	3.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.600%#
43) trans-1,3-Dichloroprop...	7.558	79	27242	3.955	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.018	63	135906	50.762	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.520%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	80806	5.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	77257	4.734	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
12) 1,1-Dichloroethene	2.063	96	24576	1.671	ug/L #	54
16) Methylene chloride	2.442	84	7919	0.472	ug/L	96
19) 1,1-Dichloroethane	3.108	63	36060	1.282	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	9161	0.572	ug/L	97
29) 1,1,1-Trichloroethane	4.506	97	13874	0.497	ug/L	96
34) Trichloroethene	5.841	95	14516	0.814	ug/L	97
47) Tetrachloroethene	7.902	164	13872	0.968	ug/L	92

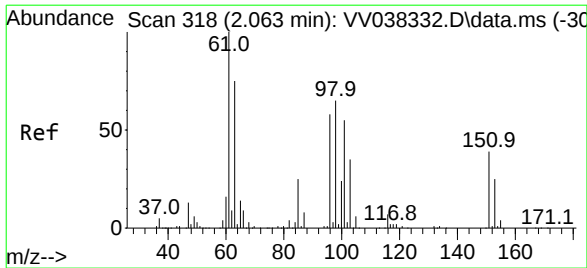
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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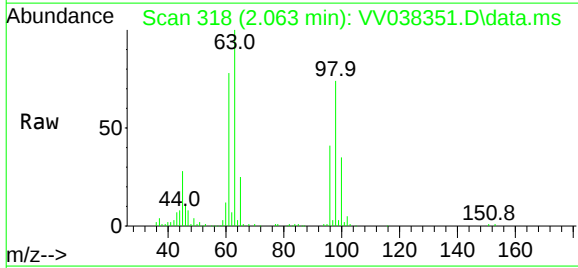
Quant Time: Nov 26 00:47:11 2024
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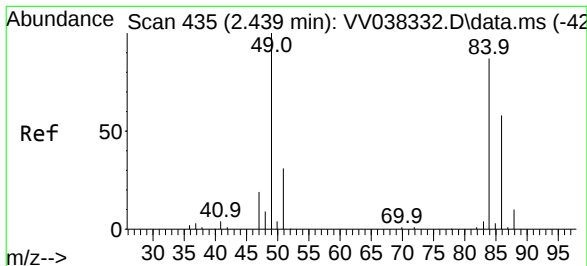
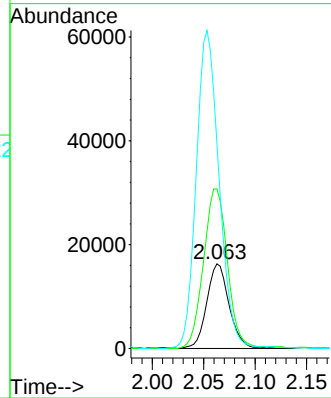
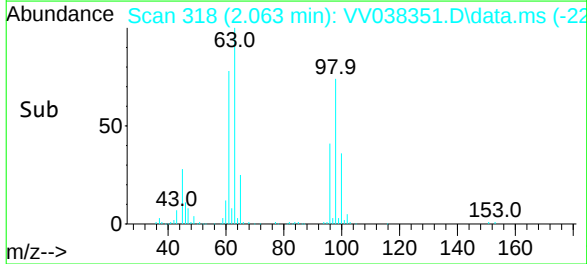


#12
1,1-Dichloroethene
Concen: 1.671 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038351.D
Acq: 25 Nov 2024 18:29

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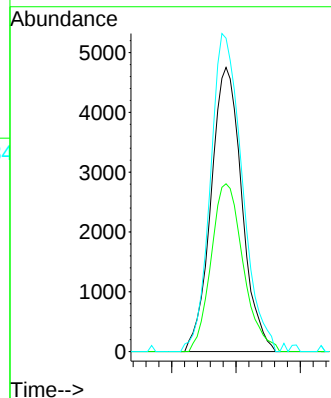
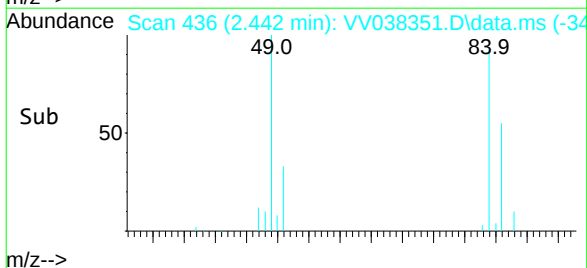
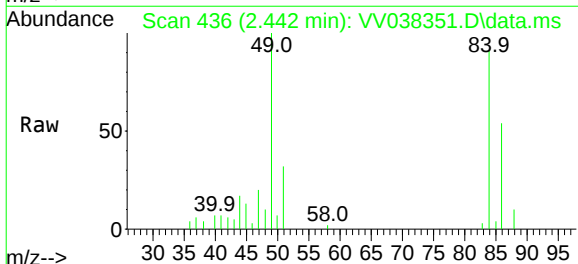


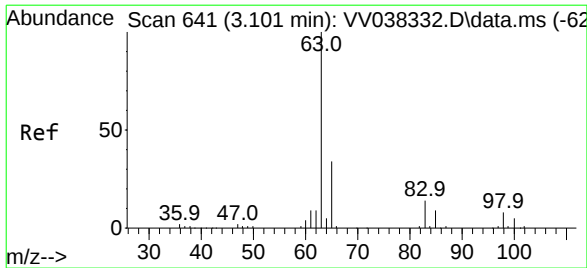
Tgt Ion: 96 Resp: 24576
Ion Ratio Lower Upper
96 100
61 188.4 115.7 214.9
63 242.1 101.1 187.7#



#16
Methylene chloride
Concen: 0.472 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038351.D
Acq: 25 Nov 2024 18:29

Tgt Ion: 84 Resp: 7919
Ion Ratio Lower Upper
84 100
86 59.0 44.2 82.2
49 110.3 74.9 139.1

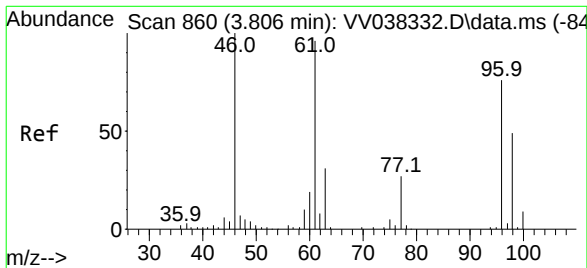
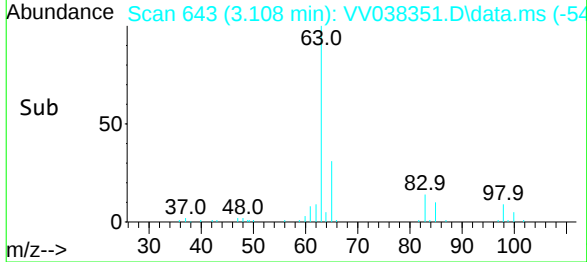
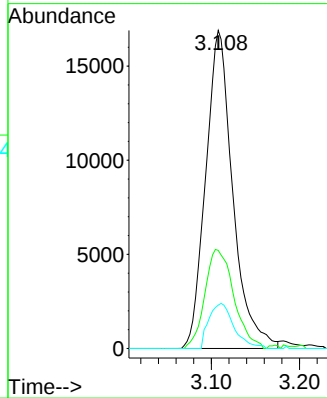
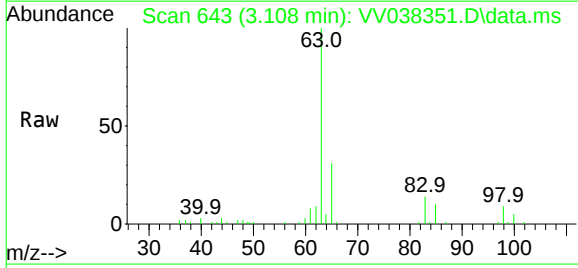




#19
1,1-Dichloroethane
Concen: 1.282 ug/L
RT: 3.108 min Scan# 641
Delta R.T. 0.006 min
Lab File: VV038351.D
Acq: 25 Nov 2024 18:29

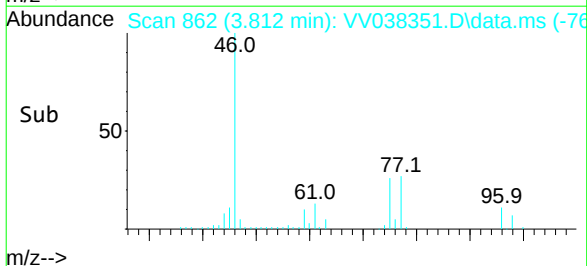
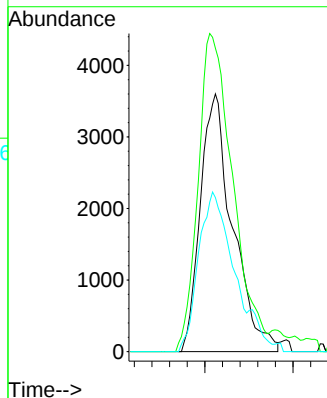
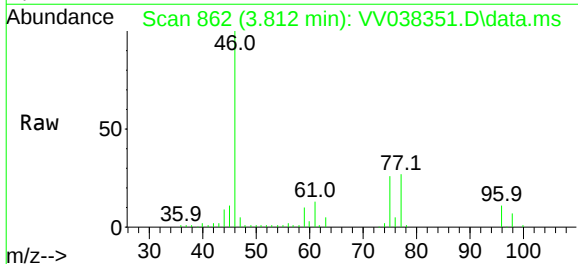
Instrument :
MSVOA_V
ClientSampleId :
BG446

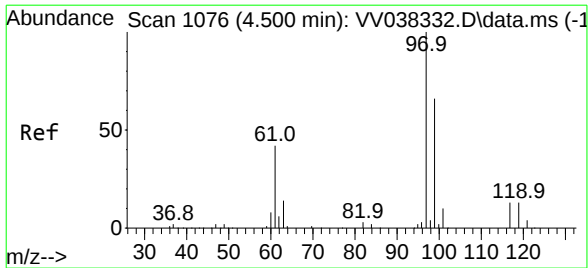
Tgt Ion:	63	Resp:	36060
Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.5	41.7
83	13.6	10.1	18.9



#22
cis-1,2-Dichloroethene
Concen: 0.572 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038351.D
Acq: 25 Nov 2024 18:29

Tgt Ion:	96	Resp:	9161
Ion	Ratio	Lower	Upper
96	100		
61	117.7	82.7	153.5
98	59.8	46.3	85.9

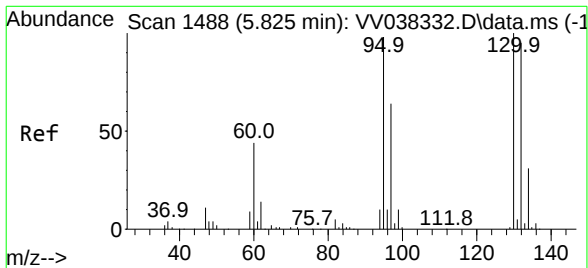
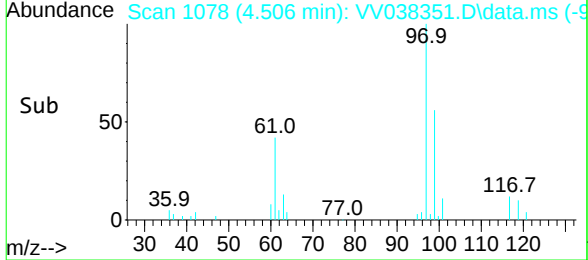
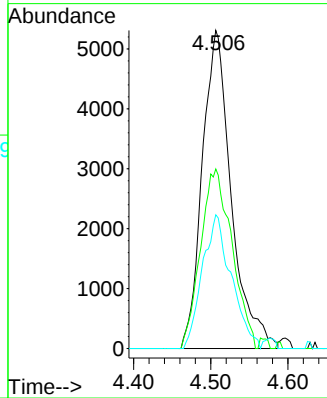
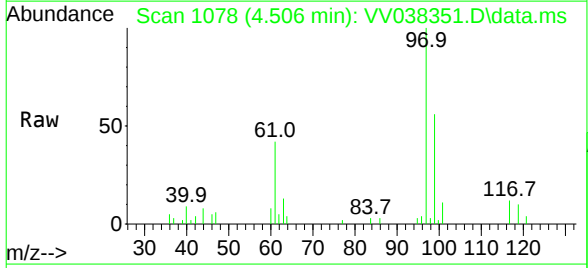




#29
1,1,1-Trichloroethane
Concen: 0.497 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038351.D
Acq: 25 Nov 2024 18:29

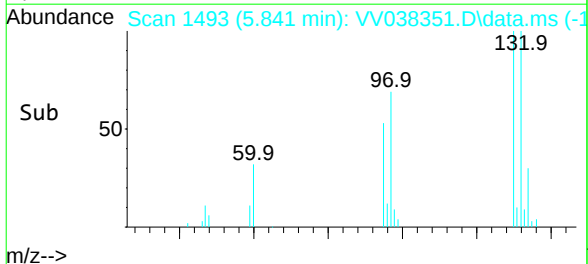
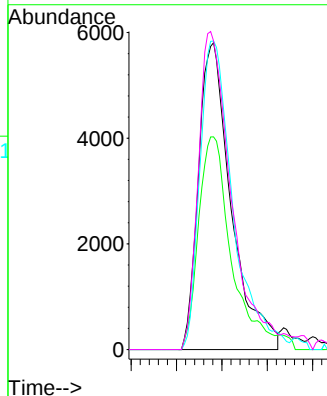
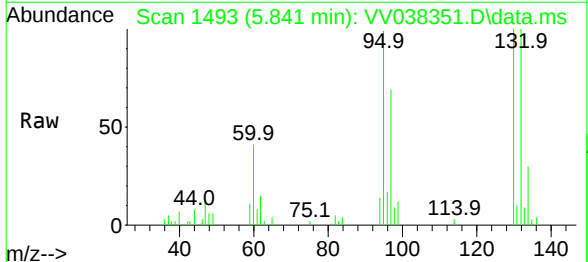
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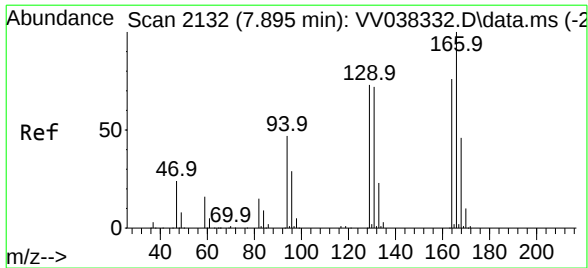
Tgt Ion:	97	Resp:	13874
Ion	Ratio	Lower	Upper
97	100		
99	61.3	51.8	77.8
61	42.0	32.2	48.2



#34
Trichloroethene
Concen: 0.814 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.016 min
Lab File: VV038351.D
Acq: 25 Nov 2024 18:29

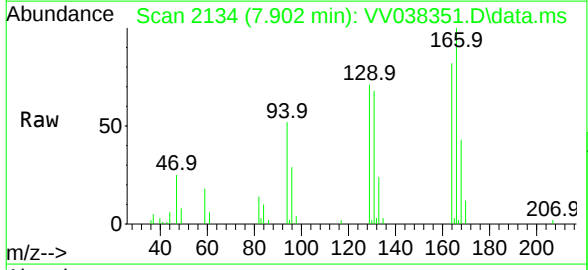
Tgt Ion:	95	Resp:	14516
Ion	Ratio	Lower	Upper
95	100		
97	69.3	44.8	83.2
132	100.6	68.3	126.8
130	100.5	70.2	130.4





#47
 Tetrachloroethene
 Concen: 0.968 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV038351.D
 Acq: 25 Nov 2024 18:29

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:164 Resp: 13872

Ion	Ratio	Lower	Upper
164	100		
129	86.4	68.5	127.1
131	82.5	64.8	120.4
166	121.4	88.3	163.9

