

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038373.D
 Acq On : 26 Nov 2024 18:42
 Operator : SY/MD
 Sample : P4930-02DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG440DL

Quant Time: Nov 27 00:25:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 27 00:19:46 2024
 Response via : Initial Calibration

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

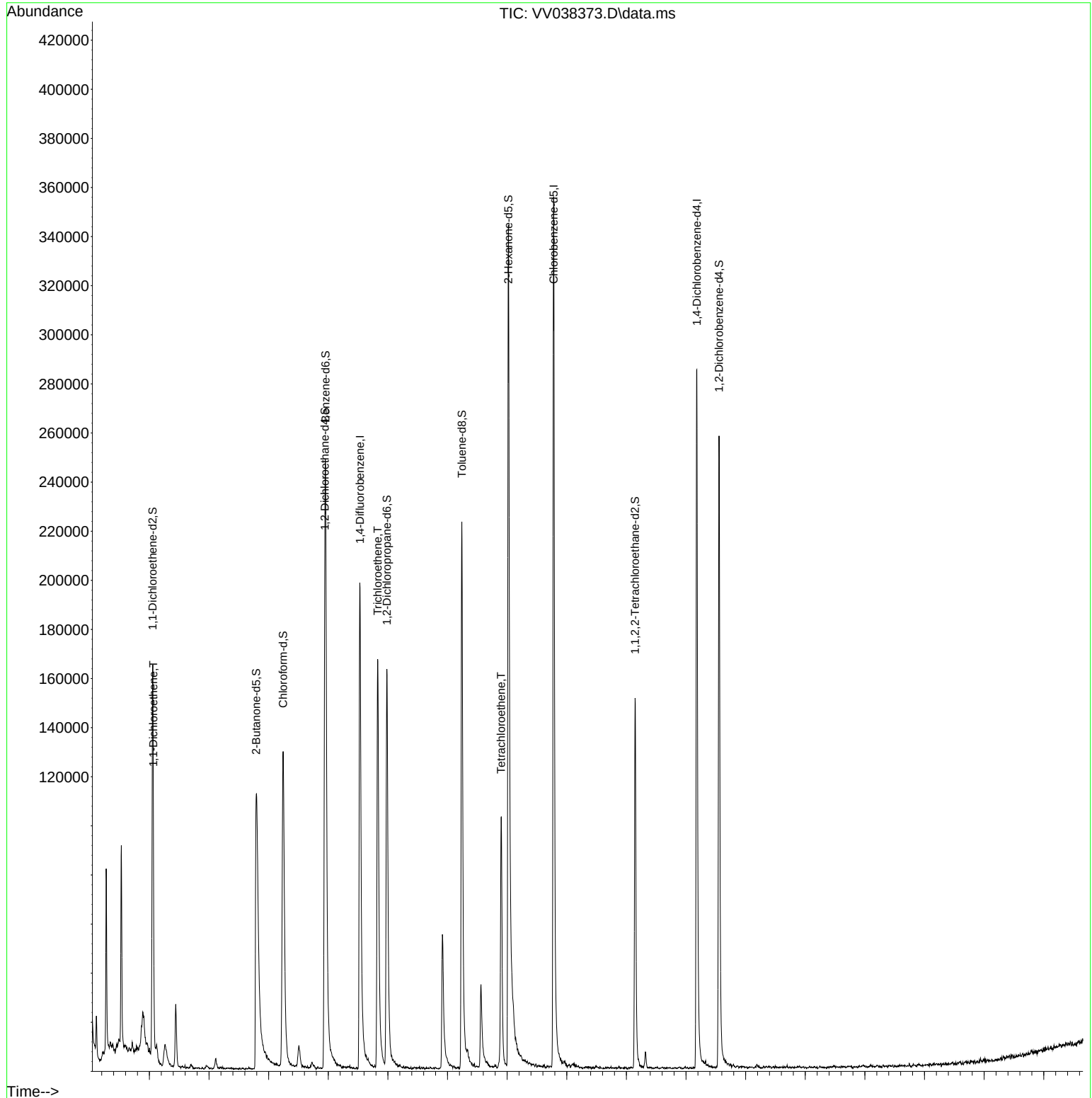
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	187228	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	208864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	82406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	47084	3.281	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.529	69	53741	4.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.053	65	22613	3.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.790	46	175363	61.085	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.180%
24) Chloroform-d	4.243	84	142178	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	4.941	65	71904	5.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.000%
32) Benzene-d6	4.953	84	229278	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.982	67	83336	5.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.240	98	167442	3.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	7.561	79	24214	3.921	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.021	63	125119	52.119	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.240%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	77653	5.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	72153	5.139	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.066	96	10528	0.787	ug/L	# 9
16) Methylene chloride	2.442	84	11465	0.752	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	14662	1.007	ug/L	95
25) Chloroform	4.269	83	8646	0.316	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	7546	0.301	ug/L	99
34) Trichloroethene	5.828	95	64726	4.047	ug/L	97
47) Tetrachloroethene	7.899	164	24246	1.887	ug/L	96

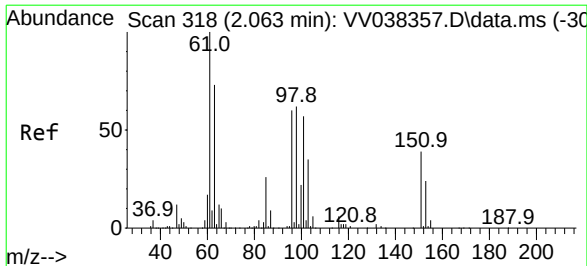
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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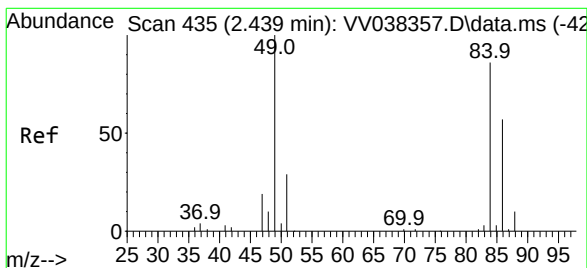
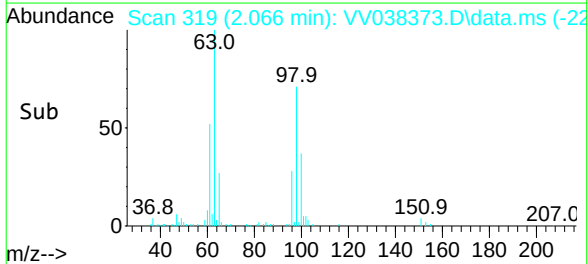
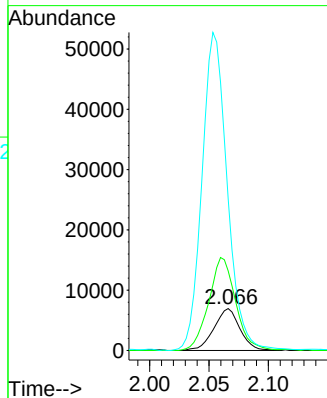
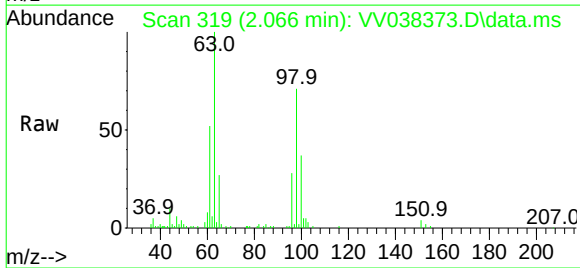




#12
1,1-Dichloroethene
Concen: 0.787 ug/L
RT: 2.066 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV038373.D
Acq: 26 Nov 2024 18:42

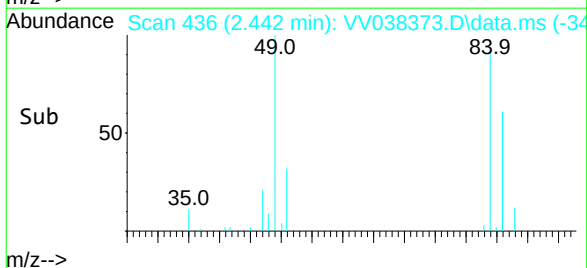
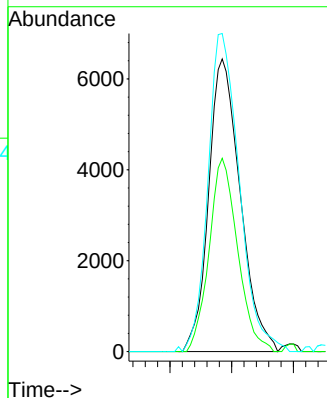
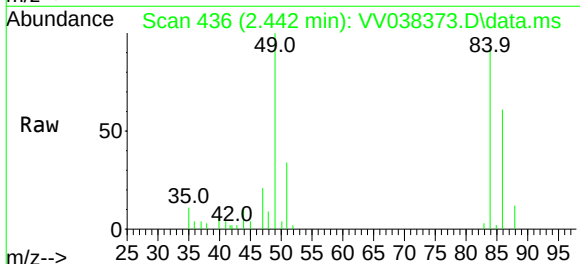
Instrument :
MSVOA_V
ClientSampleId :
BG440DL

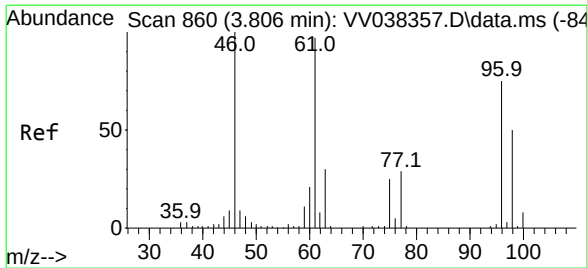
Tgt Ion: 96 Resp: 10528
Ion Ratio Lower Upper
96 100
61 189.8 115.7 214.9
63 361.9 101.1 187.7#



#16
Methylene chloride
Concen: 0.752 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038373.D
Acq: 26 Nov 2024 18:42

Tgt Ion: 84 Resp: 11465
Ion Ratio Lower Upper
84 100
86 66.1 44.2 82.2
49 108.7 74.9 139.1

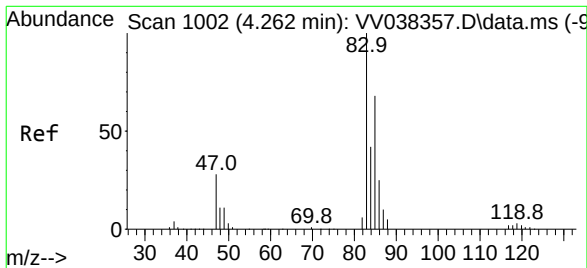
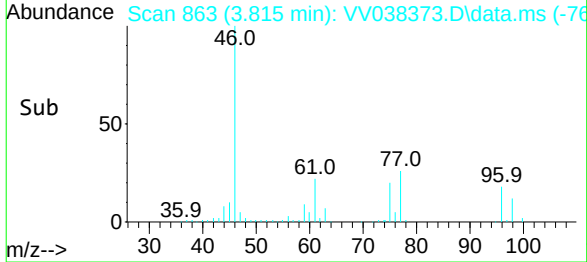
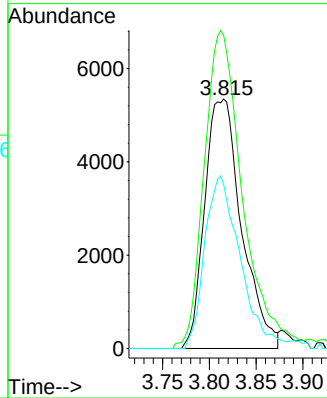
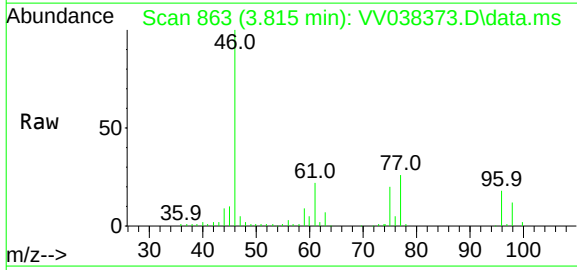




#22
cis-1,2-Dichloroethene
Concen: 1.007 ug/L
RT: 3.815 min Scan# 860
Delta R.T. 0.010 min
Lab File: VV038373.D
Acq: 26 Nov 2024 18:42

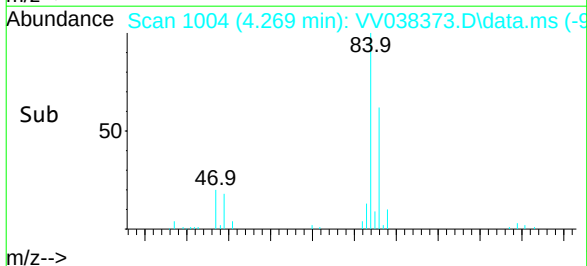
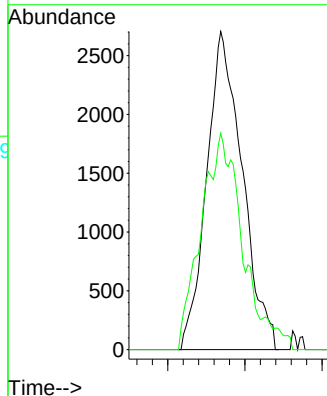
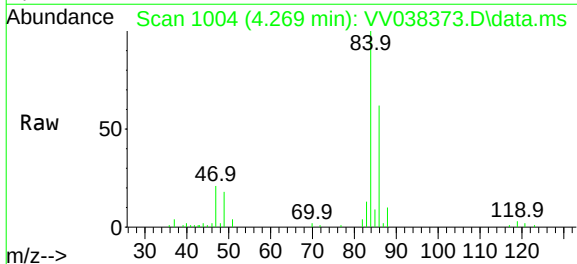
Instrument :
MSVOA_V
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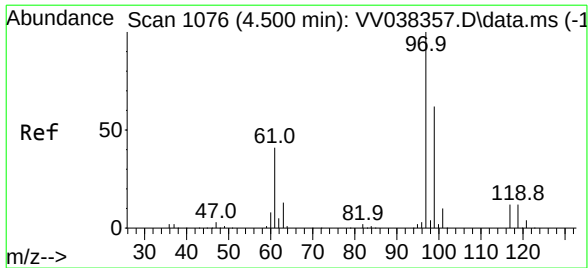
Tgt Ion:	96	Resp:	14662
Ion	Ratio	Lower	Upper
96	100		
61	125.5	82.7	153.5
98	65.7	46.3	85.9



#25
Chloroform
Concen: 0.316 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VV038373.D
Acq: 26 Nov 2024 18:42

Tgt Ion:	83	Resp:	8646
Ion	Ratio	Lower	Upper
83	100		
85	68.0	46.5	86.3

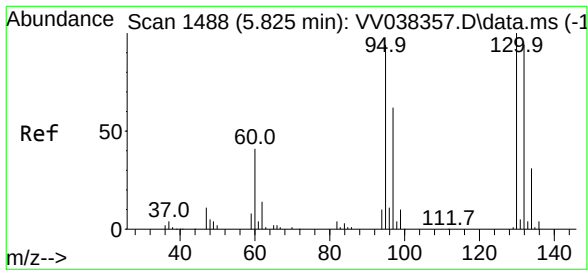
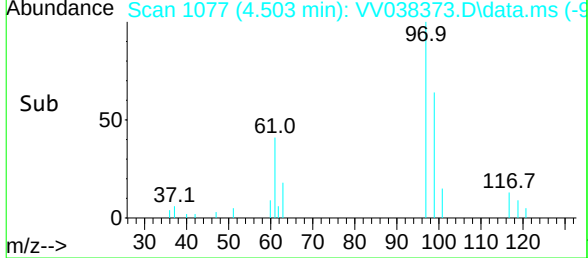
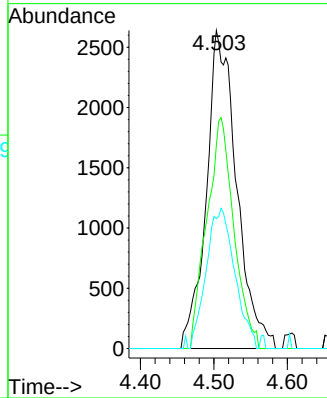
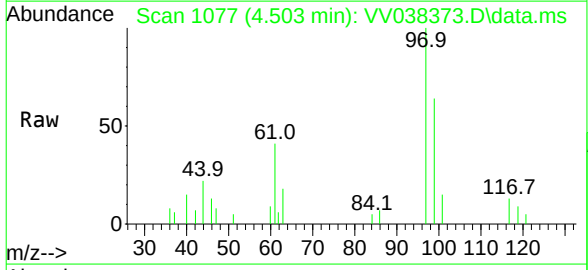




#29
1,1,1-Trichloroethane
Concen: 0.301 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038373.D
Acq: 26 Nov 2024 18:42

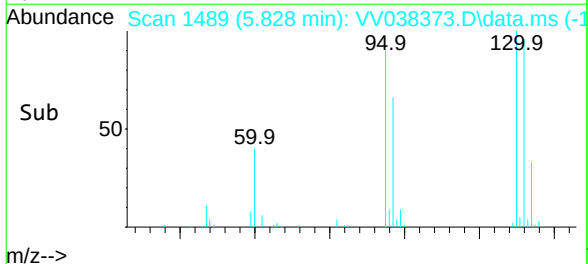
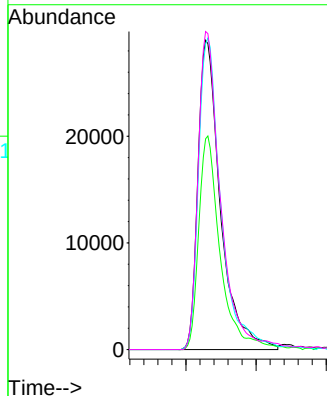
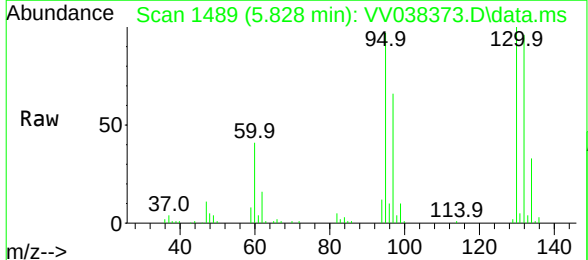
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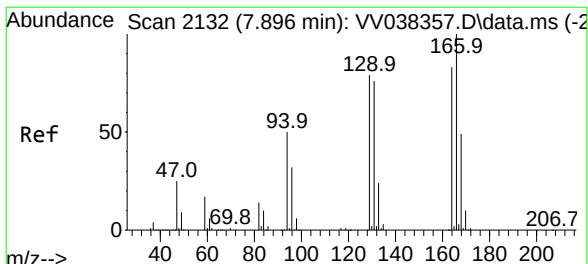
Tgt Ion:	97	Resp:	7546
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.8
61	41.6	32.2	48.2



#34
Trichloroethene
Concen: 4.047 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV038373.D
Acq: 26 Nov 2024 18:42

Tgt Ion:	95	Resp:	64726
Ion	Ratio	Lower	Upper
95	100		
97	68.1	44.8	83.2
132	98.8	68.3	126.8
130	102.8	70.2	130.4





#47
Tetrachloroethene
Concen: 1.887 ug/L
RT: 7.899 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038373.D
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Tgt Ion:	164	Resp:	24246
Ion	Ratio	Lower	Upper
164	100		
129	102.6	68.5	127.1
131	99.2	64.8	120.4
166	126.6	88.3	163.9

