

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038289.D
 Acq On : 22 Nov 2024 23:56
 Operator : SY/MD
 Sample : P4930-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG443

Quant Time: Nov 23 02:08:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

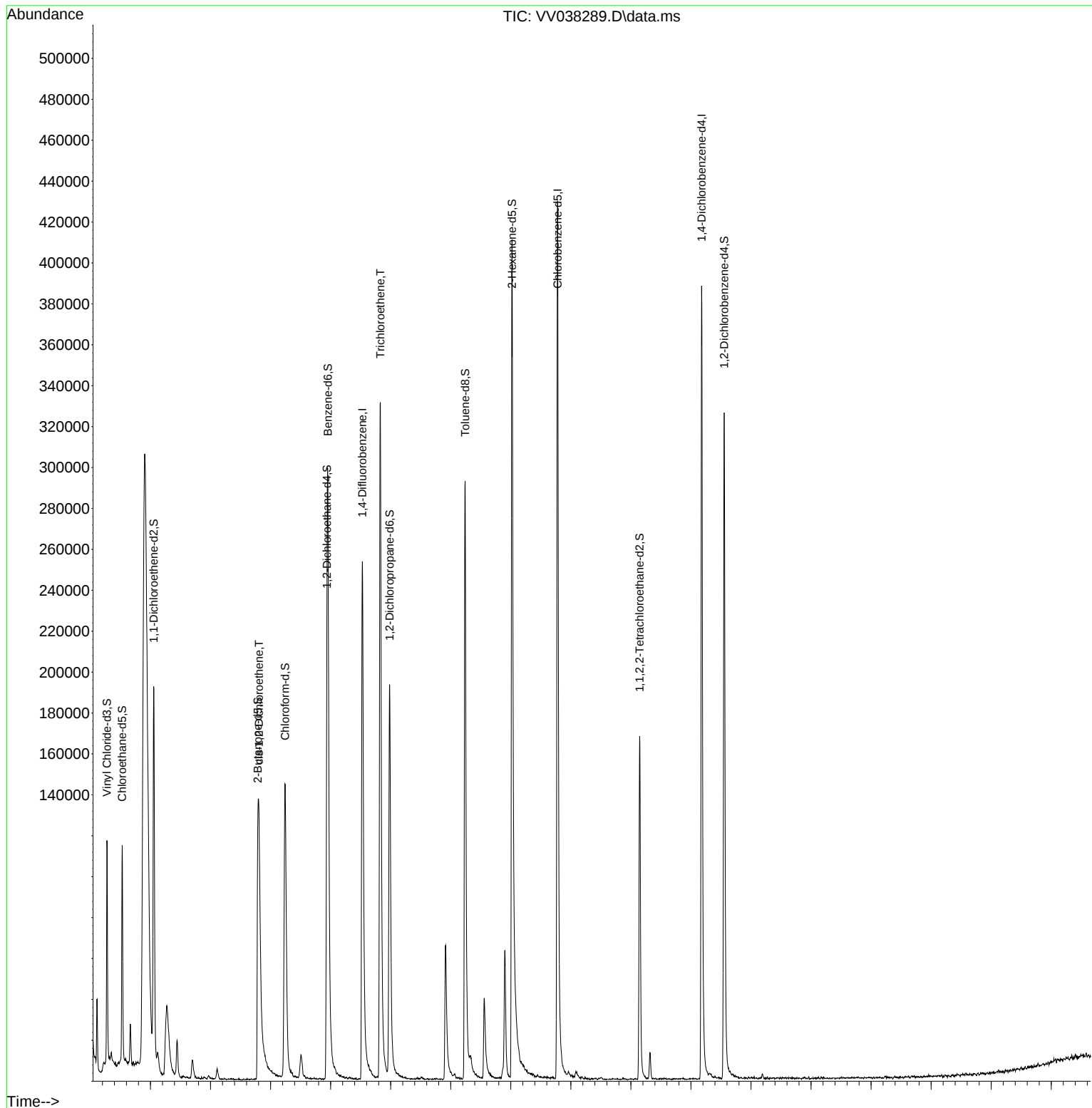
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	239300	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	258878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	109970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66168	3.608	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.529	69	67111	4.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.053	65	30214	3.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.786	46	200612	54.674	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.340%
24) Chloroform-d	4.243	84	165273	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.937	65	83186	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.953	84	278545	4.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.982	67	99871	4.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.239	98	215932	3.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.800%#
43) trans-1,3-Dichloroprop...	7.558	79	30481	3.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.021	63	156647	52.646	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.300%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86726	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	92897	4.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
5) Vinyl chloride	1.281	62	6172	0.279	ug/L #	67
16) Methylene chloride	2.445	84	8083	0.415	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	7669	0.198	ug/L	97
19) 1,1-Dichloroethane	3.111	63	5244	0.160	ug/L	94
22) cis-1,2-Dichloroethene	3.805	96	34724	1.865	ug/L	98
29) 1,1,1-Trichloroethane	4.506	97	9331	0.301	ug/L	94
34) Trichloroethene	5.828	95	128964	6.506	ug/L	98
47) Tetrachloroethene	7.902	164	15642	0.982	ug/L	96

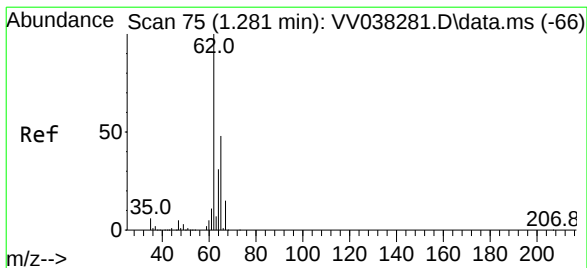
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.279 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV038289.D

Acq: 22 Nov 2024 23:56

Instrument :

MSVOA_V

ClientSampleId :

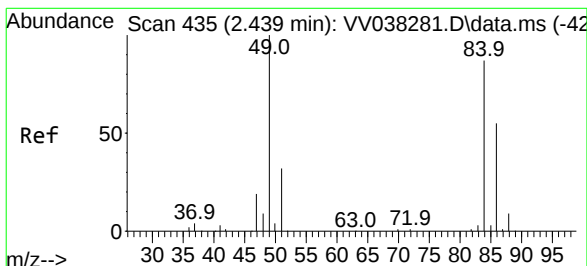
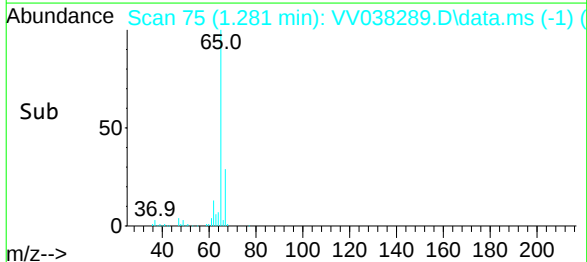
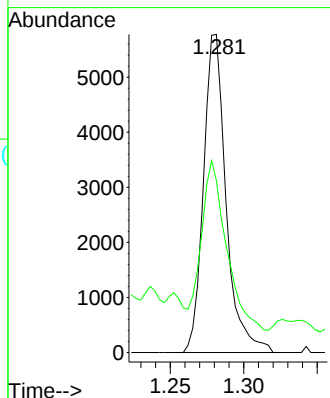
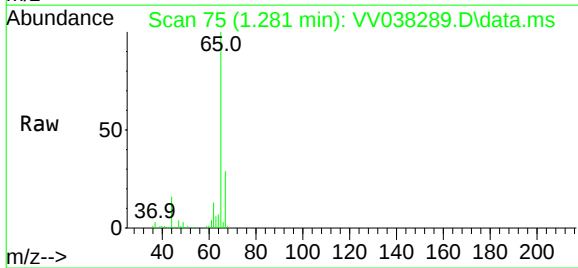
BG443

Tgt Ion: 62 Resp: 6172

Ion Ratio Lower Upper

62 100

64 54.1 24.4 45.4#



#16

Methylene chloride

Concen: 0.415 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.006 min

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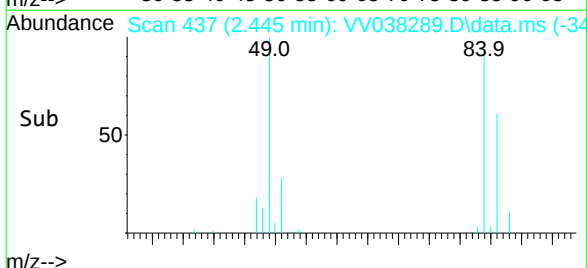
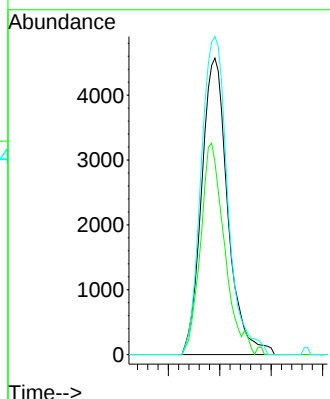
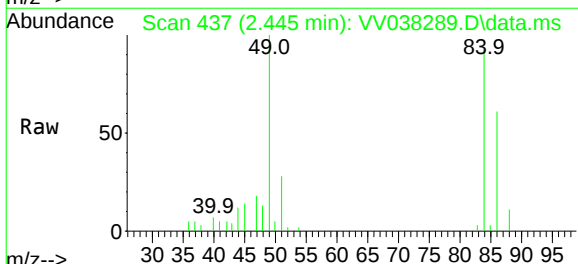
Tgt Ion: 84 Resp: 8083

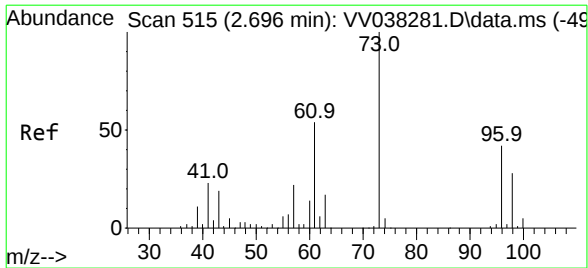
Ion Ratio Lower Upper

84 100

86 65.0 44.2 82.2

49 107.3 74.9 139.1

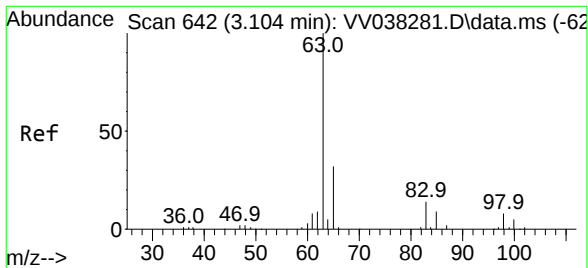
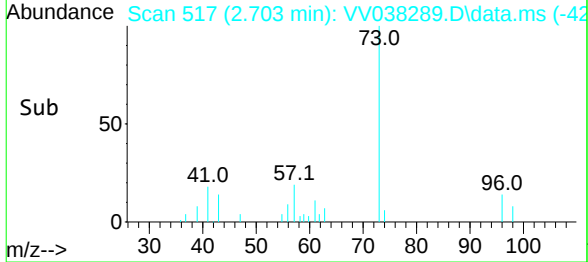
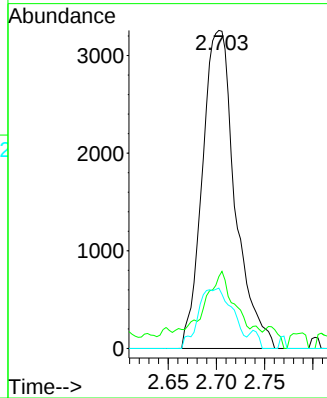
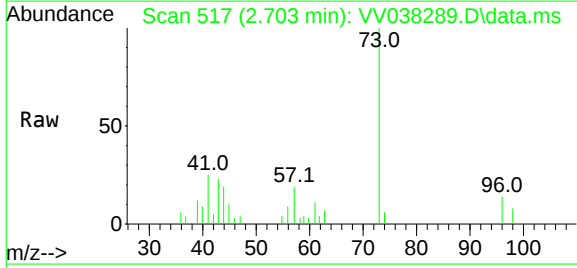




#17
Methyl tert-butyl Ether
Concen: 0.198 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.006 min
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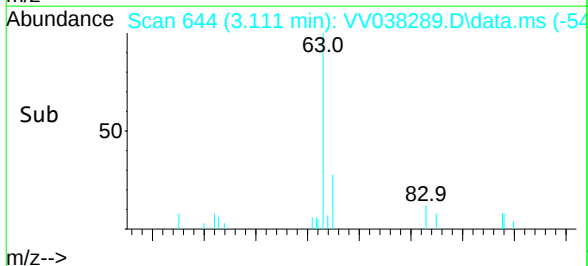
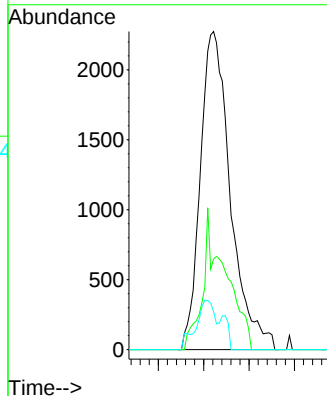
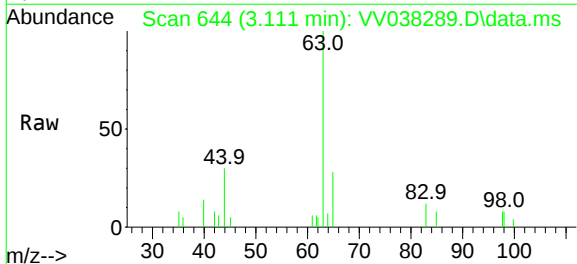
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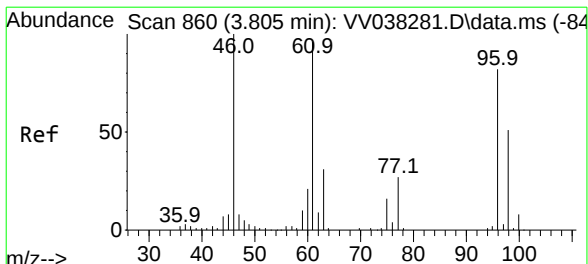
Tgt Ion: 73	Resp: 7669
Ion Ratio	Lower Upper
73 100	
43 17.1	14.2 21.2
57 19.9	17.6 26.4



#19
1,1-Dichloroethane
Concen: 0.160 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV038289.D
Acq: 22 Nov 2024 23:56

Tgt Ion: 63	Resp: 5244
Ion Ratio	Lower Upper
63 100	
65 28.5	22.5 41.7
83 11.9	10.1 18.9

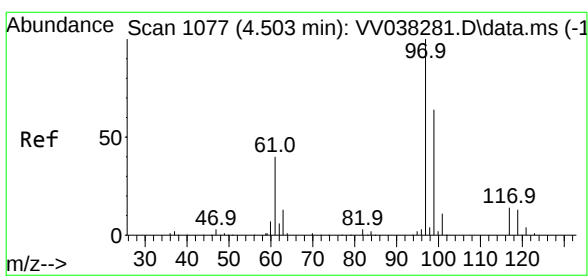
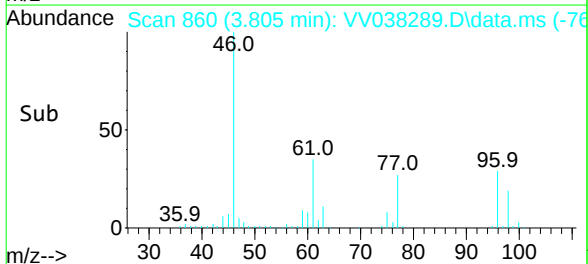
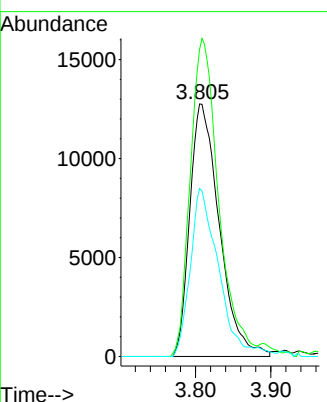
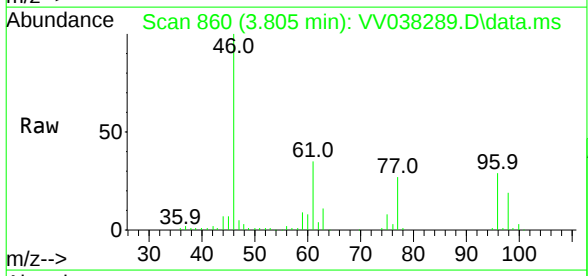




#22
 cis-1,2-Dichloroethene
 Concen: 1.865 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. -0.000 min
 Lab File: VV038289.D
 Acq: 22 Nov 2024 23:56

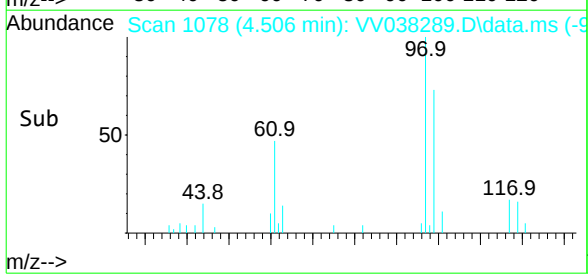
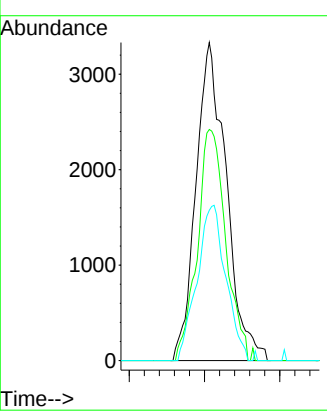
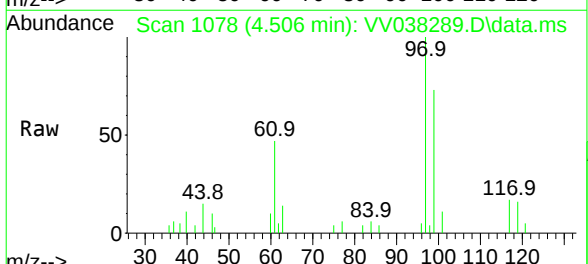
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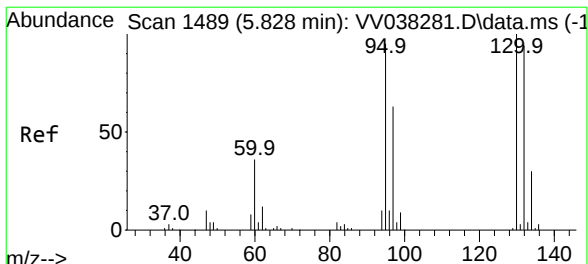
Tgt Ion:	96	Resp:	34724
Ion	Ratio	Lower	Upper
96	100		
61	121.6	82.7	153.5
98	66.5	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.301 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. 0.003 min
 Lab File: VV038289.D
 Acq: 22 Nov 2024 23:56

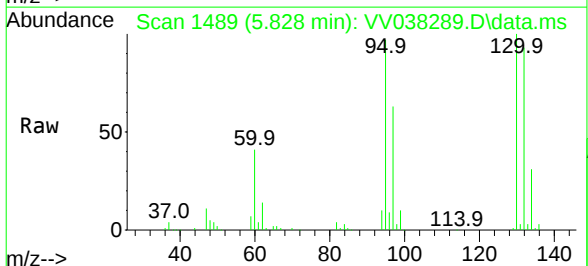
Tgt Ion:	97	Resp:	9331
Ion	Ratio	Lower	Upper
97	100		
99	67.9	51.8	77.8
61	46.2	32.2	48.2



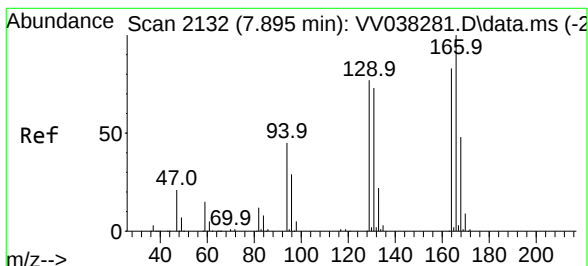
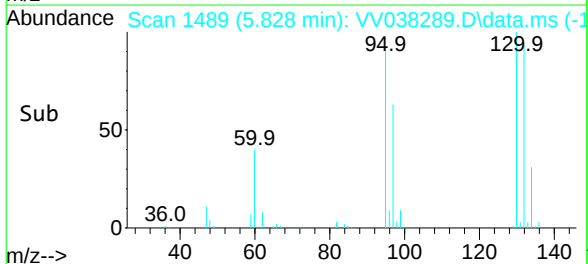
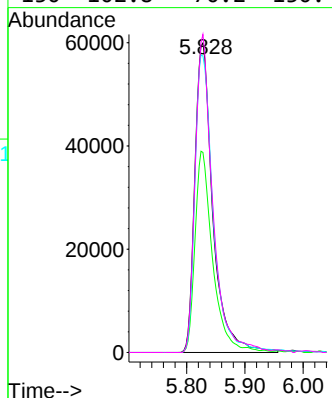


#34
 Trichloroethene
 Concen: 6.506 ug/L
 RT: 5.828 min Scan# 1489
 Delta R.T. -0.000 min
 Lab File: VV038289.D
 Acq: 22 Nov 2024 23:56

Instrument :
 MSVOA_V
 ClientSampleId :
 BG443



Tgt Ion:	95	Resp:	128964
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.8	83.2
132	95.8	68.3	126.8
130	102.8	70.2	130.4



#47
 Tetrachloroethene
 Concen: 0.982 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.006 min
 Lab File: VV038289.D
 Acq: 22 Nov 2024 23:56

Tgt Ion:	164	Resp:	15642
Ion	Ratio	Lower	Upper
164	100		
129	100.2	68.5	127.1
131	99.1	64.8	120.4
166	122.2	88.3	163.9

