

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038367.D
 Acq On : 26 Nov 2024 16:17
 Operator : SY/MD
 Sample : P4930-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG444

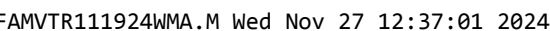
Quant Time: Nov 27 00:23:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 27 00:19:46 2024
 Response via : Initial Calibration

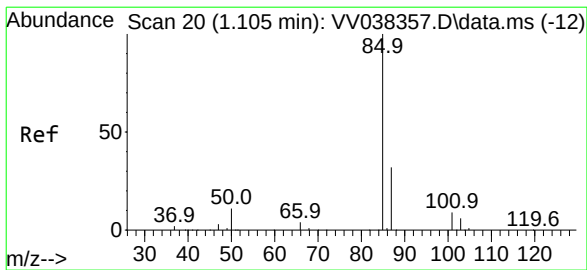
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	205523	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	226402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	92439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	48151	3.057	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.526	69	53554	4.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.053	65	23988	3.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.780	46	190677	60.507	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.020%
24) Chloroform-d	4.243	84	145989	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.937	65	73919	5.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	4.953	84	237735	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	5.982	67	87434	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.239	98	174144	3.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.400%#
43) trans-1,3-Dichloroprop...	7.558	79	26311	3.930	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.018	63	124440	47.821	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.640%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	78153	5.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	76984	4.888	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	6592	0.339	ug/L	96
5) Vinyl chloride	1.278	62	50605	2.667	ug/L	98
12) 1,1-Dichloroethene	2.063	96	500927	34.125	ug/L #	68
13) Acetone	2.111	43	11079	4.754	ug/L	100
16) Methylene chloride	2.442	84	6491	0.388	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	22428	0.676	ug/L #	90
18) trans-1,2-Dichloroethene	2.696	96	2595	0.168	ug/L	97
19) 1,1-Dichloroethane	3.101	63	729227	25.978	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	154193	9.643	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	8792	0.324	ug/L #	88
34) Trichloroethene	5.828	95	106807	6.161	ug/L	98
47) Tetrachloroethene	7.902	164	12147	0.872	ug/L	95

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 27 00:19:46 2024
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.339 ug/L

RT: 1.108 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038367.D

Acq: 26 Nov 2024 16:17

Instrument :

MSVOA_V

ClientSampleId :

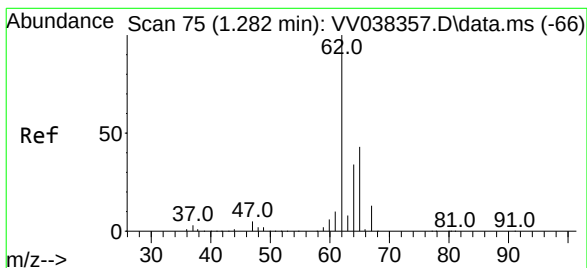
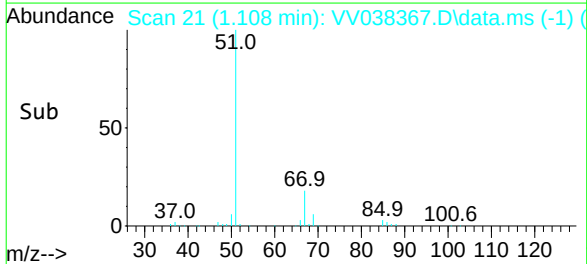
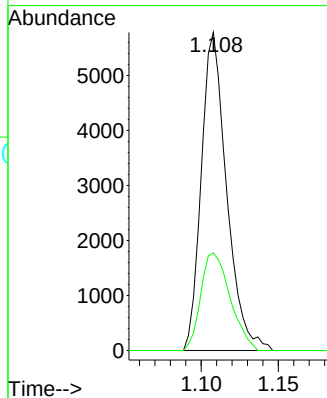
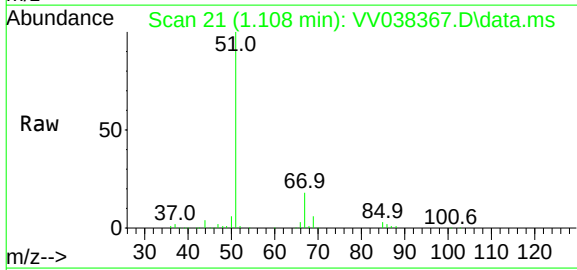
BG444

Tgt Ion: 85 Resp: 6592

Ion Ratio Lower Upper

85 100

87 35.6 26.5 39.7



#5

Vinyl chloride

Concen: 2.667 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV038367.D

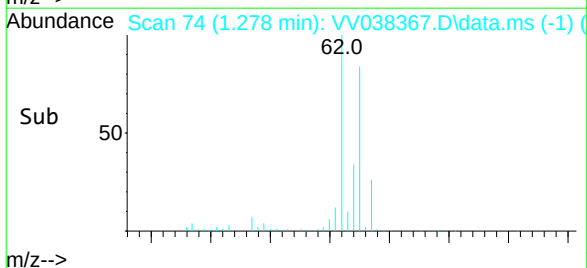
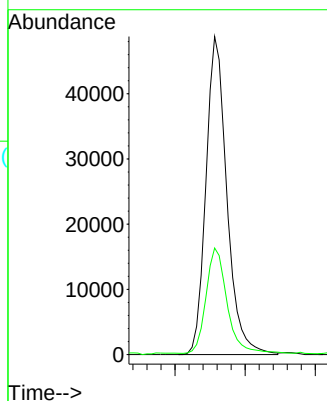
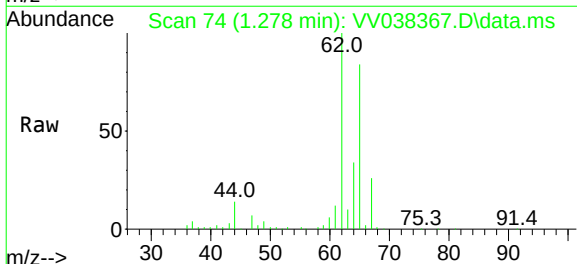
Acq: 26 Nov 2024 16:17

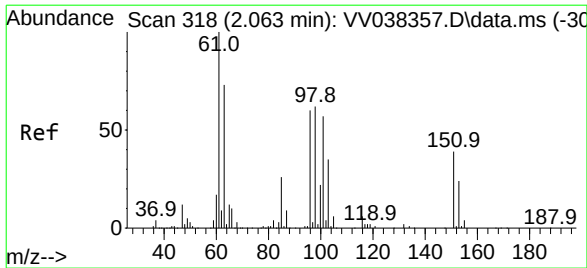
Tgt Ion: 62 Resp: 50605

Ion Ratio Lower Upper

62 100

64 33.5 24.4 45.4

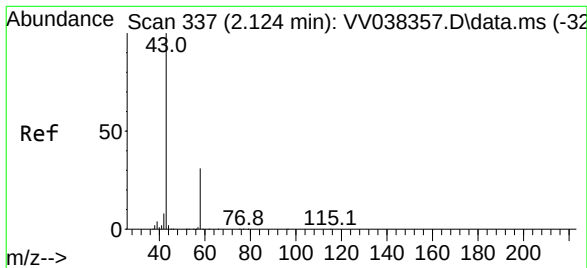
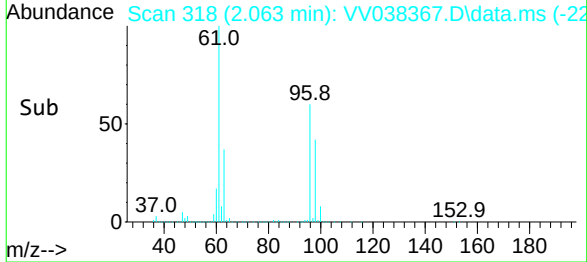
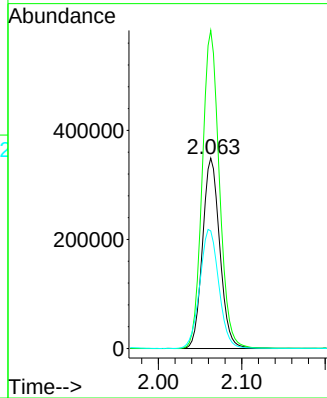
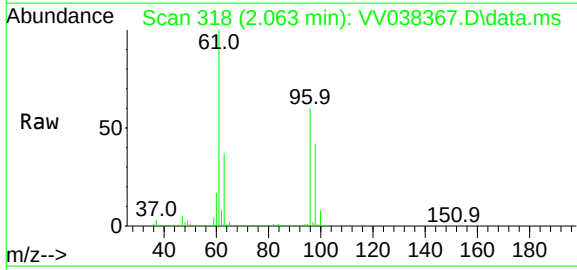




#12
1,1-Dichloroethene
Concen: 34.125 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

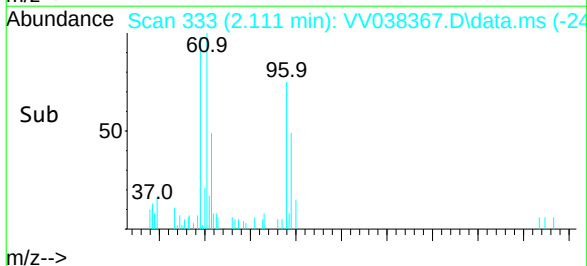
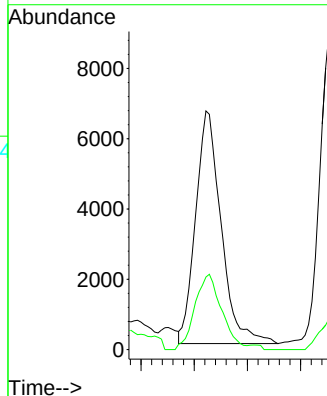
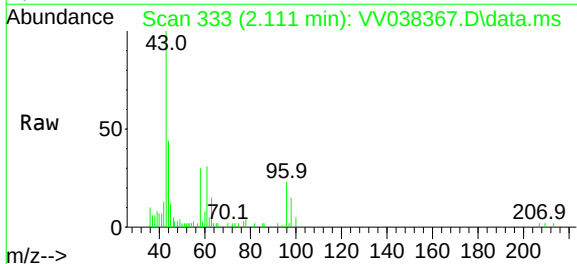
Instrument :
MSVOA_V
ClientSampleId :
BG444

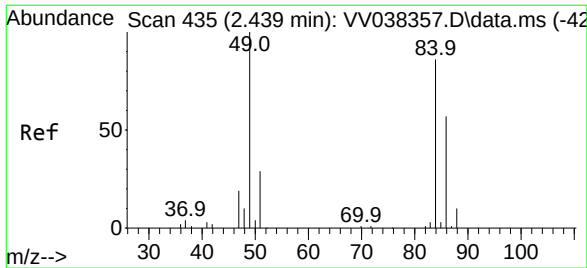
Tgt Ion: 96 Resp: 500927
Ion Ratio Lower Upper
96 100
61 167.1 115.7 214.9
63 61.7 101.1 187.7#



#13
Acetone
Concen: 4.754 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.013 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

Tgt Ion: 43 Resp: 11079
Ion Ratio Lower Upper
43 100
58 33.7 0.0 67.2

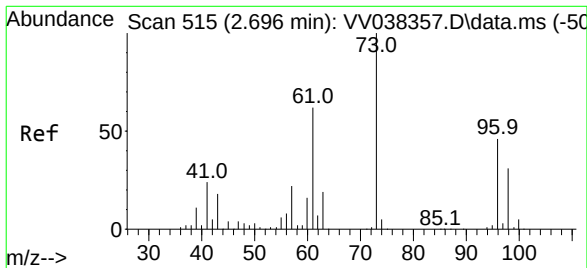
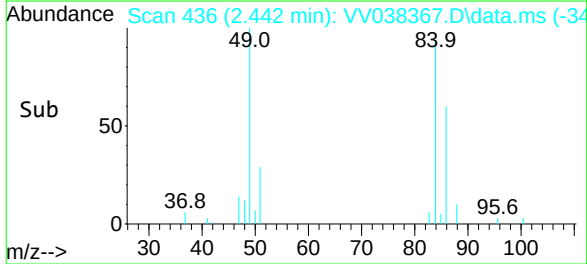
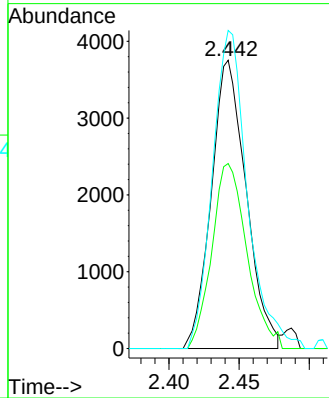
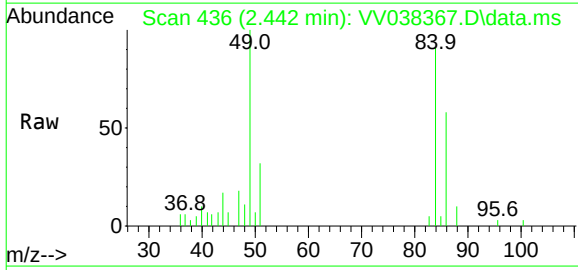




#16
Methylene chloride
Concen: 0.388 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

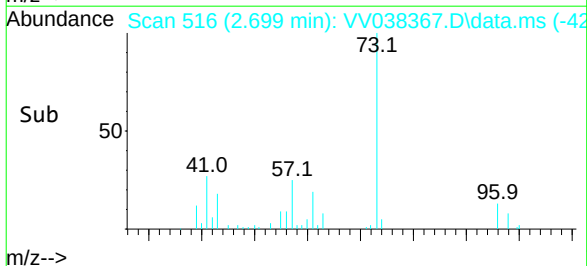
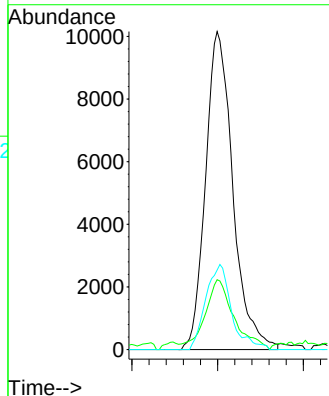
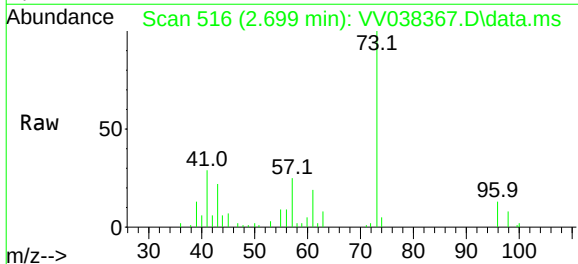
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MSVOA_V
ClientSampleId :
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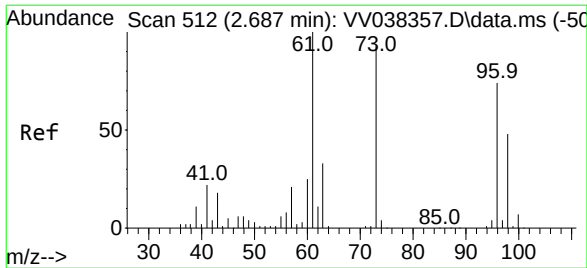
Tgt Ion:	84	Resp:	6491
Ion	Ratio	Lower	Upper
84	100		
86	64.2	44.2	82.2
49	110.3	74.9	139.1



#17
Methyl tert-butyl Ether
Concen: 0.676 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

Tgt Ion:	73	Resp:	22428
Ion	Ratio	Lower	Upper
73	100		
43	23.4	14.2	21.2#
57	25.3	17.6	26.4

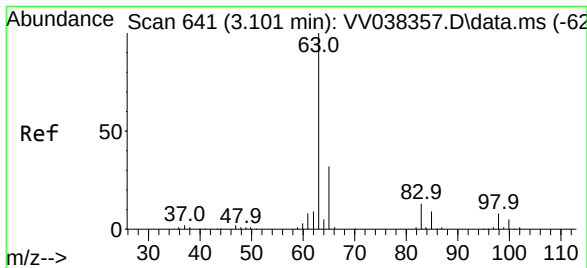
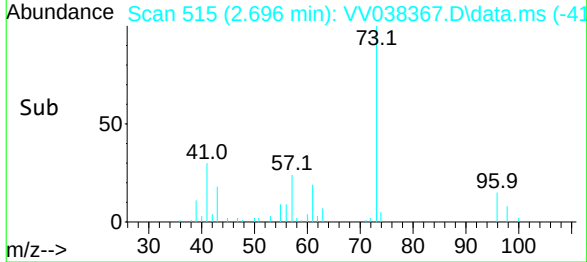
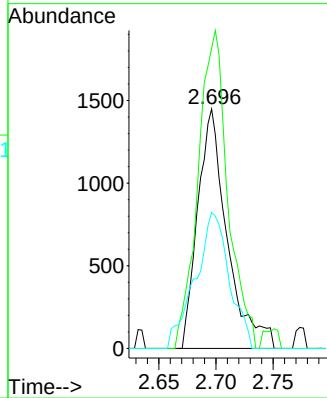
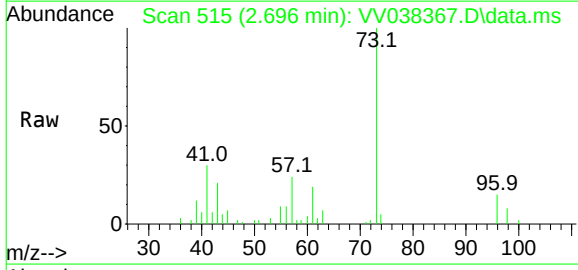




#18
trans-1,2-Dichloroethene
Concen: 0.168 ug/L
RT: 2.696 min Scan# 512
Delta R.T. 0.009 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

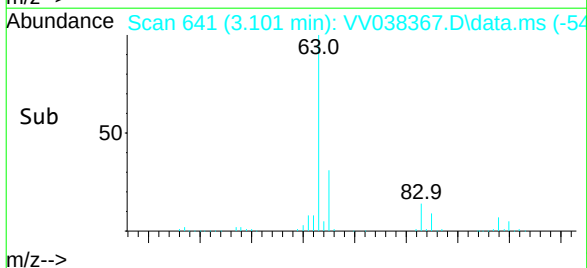
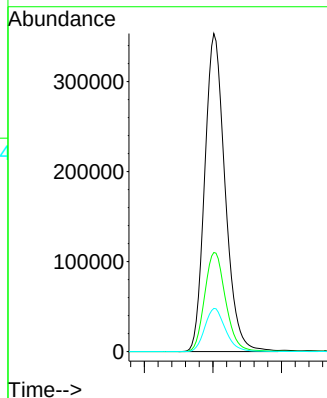
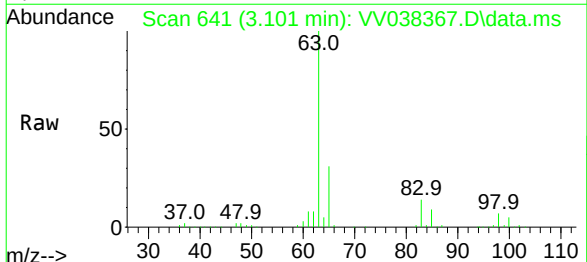
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ClientSampleId :
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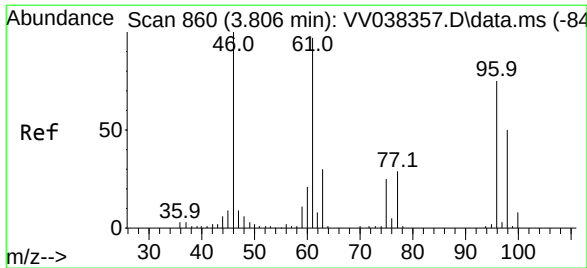
Tgt Ion:	96	Resp:	2595
Ion	Ratio	Lower	Upper
96	100		
61	125.3	88.5	164.4
98	56.7	43.9	81.5



#19
1,1-Dichloroethane
Concen: 25.978 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV038367.D
Acq: 26 Nov 2024 16:17

Tgt Ion:	63	Resp:	729227
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.5	41.7
83	13.6	10.1	18.9

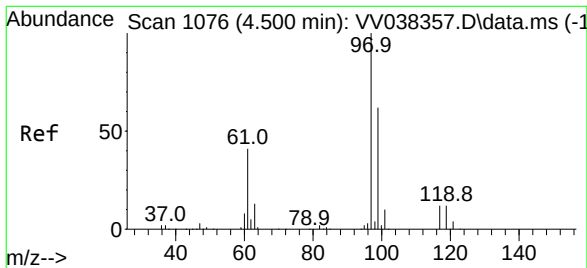
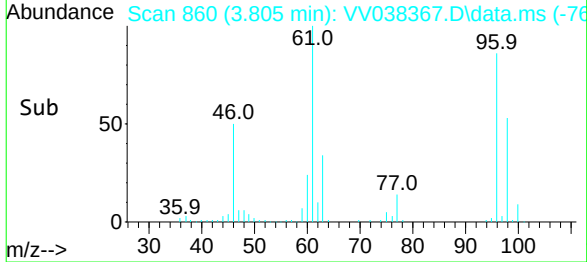
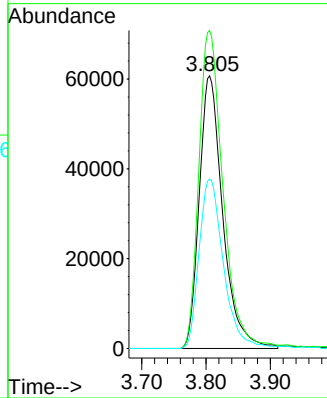
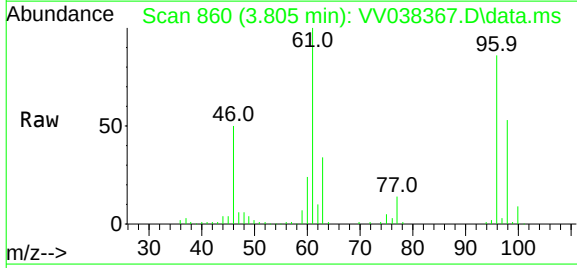




#22
 cis-1,2-Dichloroethene
 Concen: 9.643 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. -0.000 min
 Lab File: VV038367.D
 Acq: 26 Nov 2024 16:17

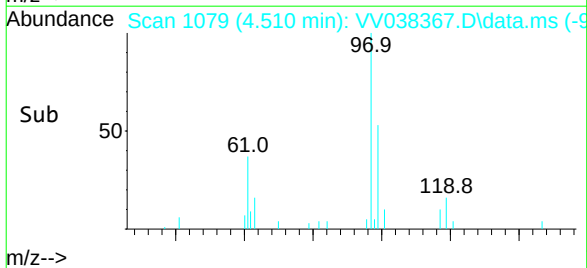
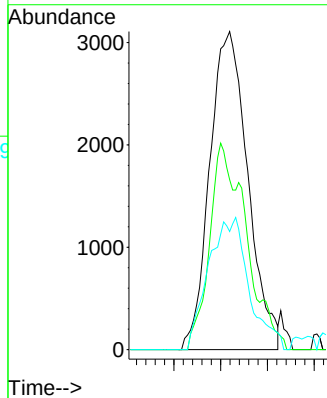
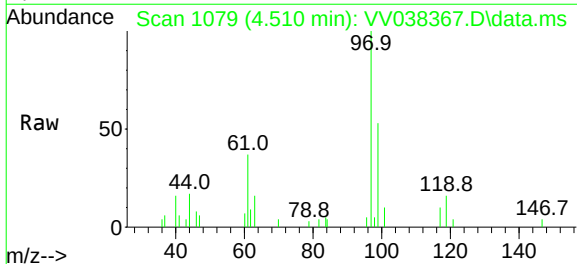
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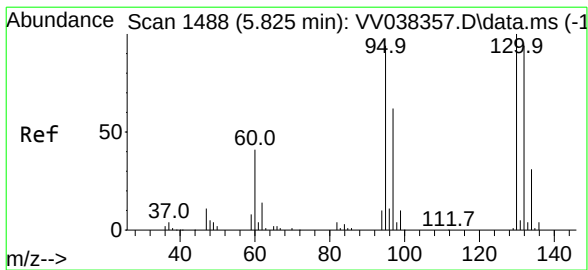
Tgt Ion:	96	Resp:	154193
Ion	Ratio	Lower	Upper
96	100		
61	116.7	82.7	153.5
98	62.2	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.324 ug/L
 RT: 4.510 min Scan# 1079
 Delta R.T. 0.009 min
 Lab File: VV038367.D
 Acq: 26 Nov 2024 16:17

Tgt Ion:	97	Resp:	8792
Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.8	77.8
61	24.2	32.2	48.2





#34

Trichloroethene

Concen: 6.161 ug/L

RT: 5.828 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV038367.D

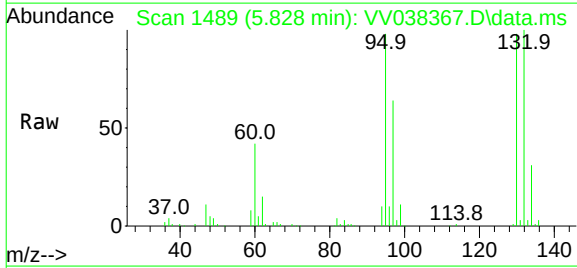
Acq: 26 Nov 2024 16:17

Instrument :

MSVOA_V

ClientSampleId :

BG444



Tgt Ion: 95 Resp: 106807

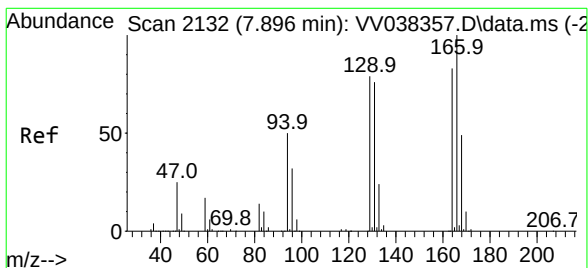
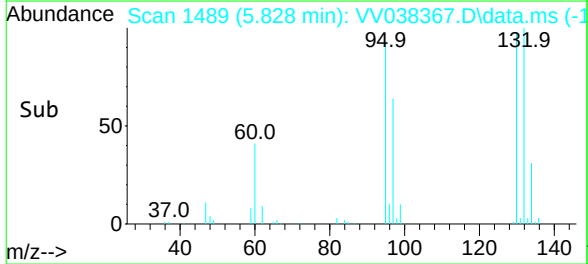
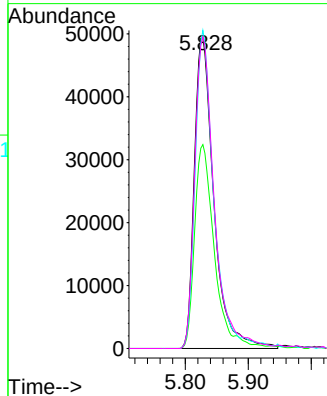
Ion Ratio Lower Upper

95 100

97 65.6 44.8 83.2

132 102.3 68.3 126.8

130 100.2 70.2 130.4



#47

Tetrachloroethene

Concen: 0.872 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.006 min

Lab File: VV038367.D

Acq: 26 Nov 2024 16:17

Tgt Ion: 164 Resp: 12147

Ion Ratio Lower Upper

164 100

129 96.0 68.5 127.1

131 85.1 64.8 120.4

166 119.0 88.3 163.9

