

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038337.D
 Acq On : 25 Nov 2024 12:26
 Operator : SY/MD
 Sample : P4884-01DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M5DL

Quant Time: Nov 26 00:41:23 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)

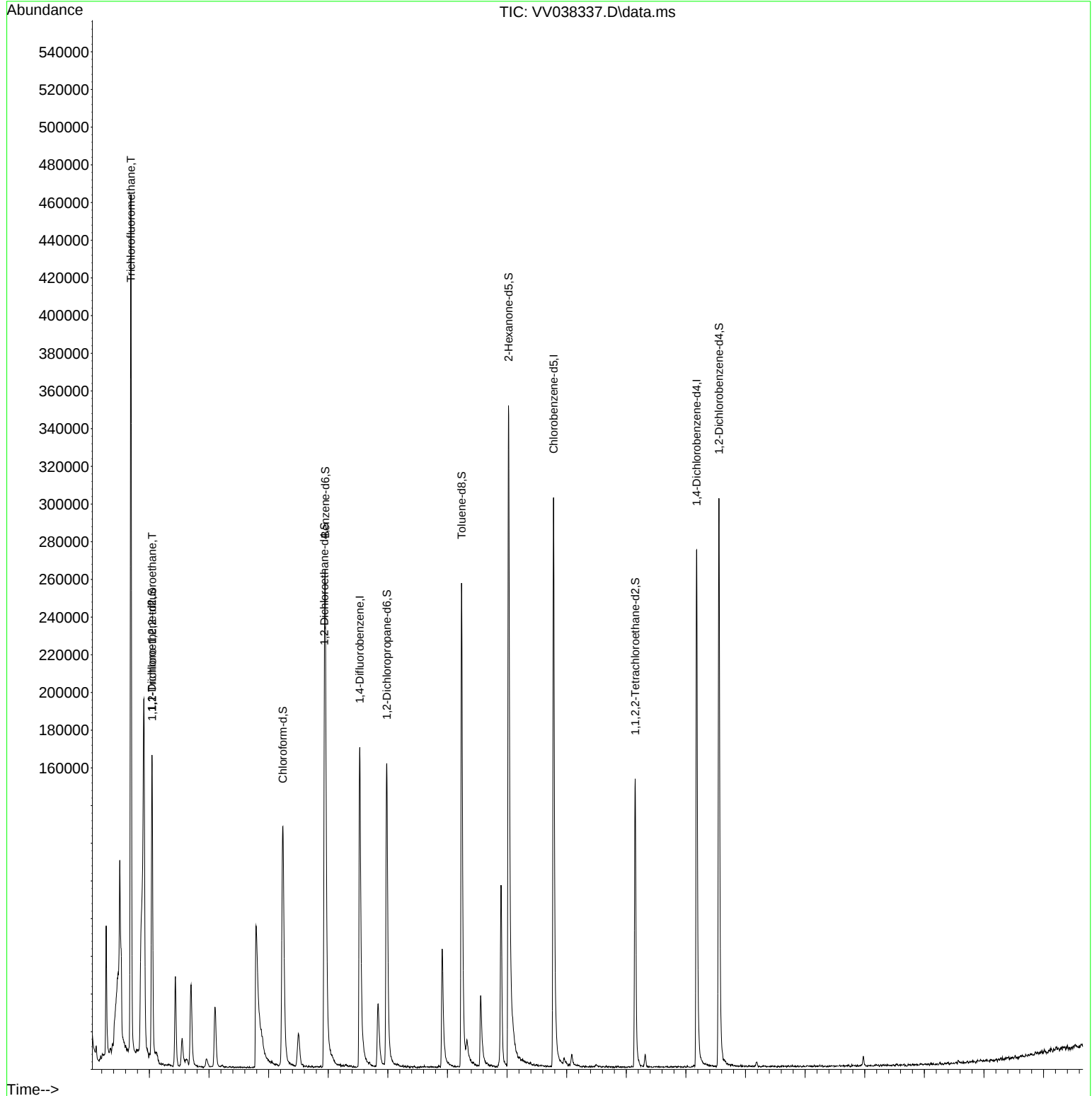
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	163940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	180367	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	80084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	48786	3.883	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.503	69	29025	2.856	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.200%#
11) 1,1-Dichloroethene-d2	2.044	65	23978	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.789	46	161016	64.055	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.100%
24) Chloroform-d	4.236	84	146200	5.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.000%
26) 1,2-Dichloroethane-d4	4.934	65	71806	6.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	131.200%#
32) Benzene-d6	4.950	84	251738	5.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
36) 1,2-Dichloropropane-d6	5.982	67	85521	5.962	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.200%
41) Toluene-d8	7.236	98	187462	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.558	79	28490	5.342	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.024	63	133821	64.551	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.100%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	82068	6.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	134.800%#
66) 1,2-Dichlorobenzene-d4	11.554	152	83467	6.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.400%#
Target Compounds	Qvalue					
9) Trichlorofluoromethane	1.690	101	270228	12.547	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.047	101	4128	0.336	ug/L	90
12) 1,1-Dichloroethene	2.053	96	4220	0.360	ug/L #	1
16) Methylene chloride	2.436	84	20324	1.522	ug/L	93
17) Methyl tert-butyl Ether	2.696	73	42197	1.594	ug/L	95
19) 1,1-Dichloroethane	3.101	63	35487	1.585	ug/L	95
22) cis-1,2-Dichloroethene	3.812	96	3736	0.293	ug/L	91
25) Chloroform	4.278	83	3607	0.151	ug/L	89
29) 1,1,1-Trichloroethane	4.500	97	15165	0.701	ug/L	95
34) Trichloroethene	5.838	95	14075	1.019	ug/L	95
42) Toluene	7.330	91	10651	0.199	ug/L	96
47) Tetrachloroethene	7.902	164	23824	2.147	ug/L	93
51) Chlorobenzene	8.815	112	6752	0.183	ug/L	96

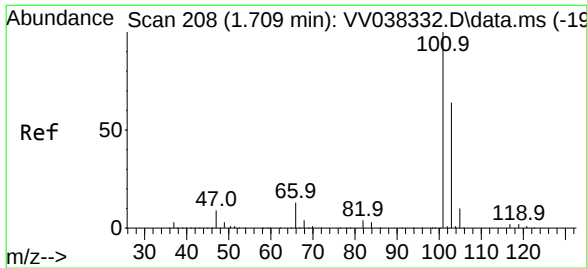
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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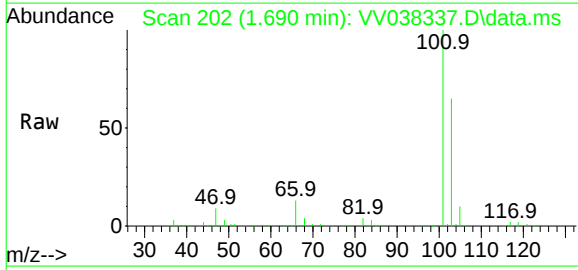
Quant Time: Nov 26 00:41:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
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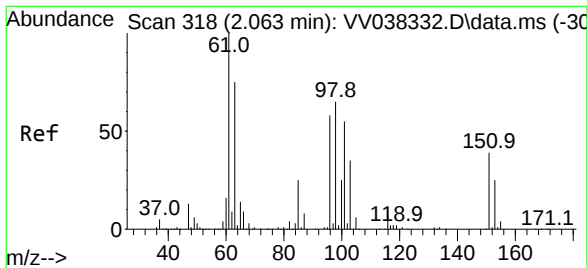
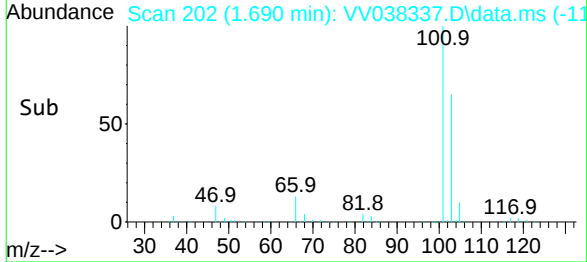
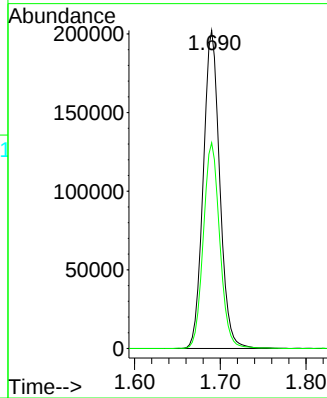


#9
Trichlorofluoromethane
Concen: 12.547 ug/L
RT: 1.690 min Scan# 208
Delta R.T. -0.019 min
Lab File: VV038337.D
Acq: 25 Nov 2024 12:26

Instrument :
MSVOA_V
ClientSampleId :
BG3M5DL

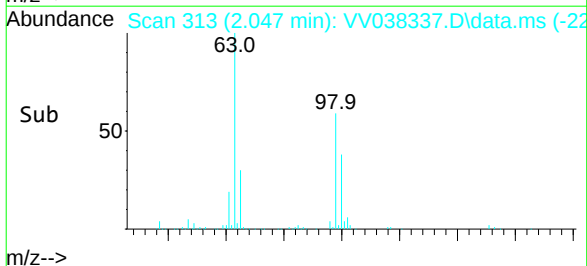
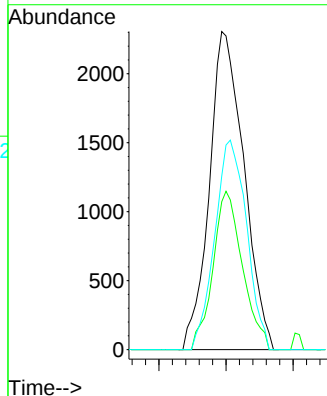
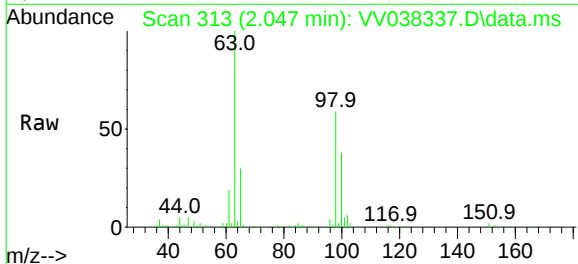


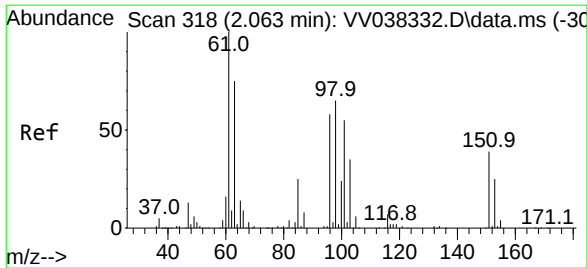
Tgt Ion:101 Resp: 270228
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.336 ug/L
RT: 2.047 min Scan# 313
Delta R.T. -0.016 min
Lab File: VV038337.D
Acq: 25 Nov 2024 12:26

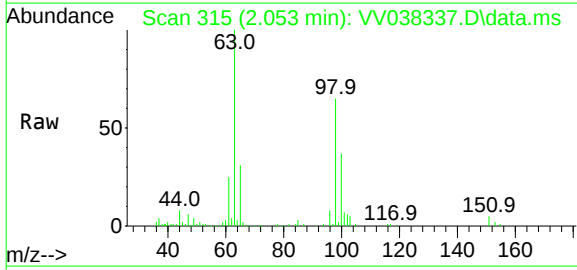
Tgt Ion:101 Resp: 4128
Ion Ratio Lower Upper
101 100
85 42.5 33.4 50.0
151 60.7 58.8 88.2



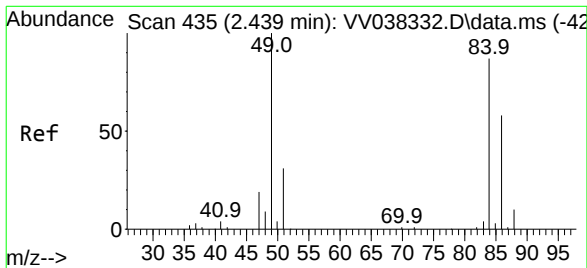
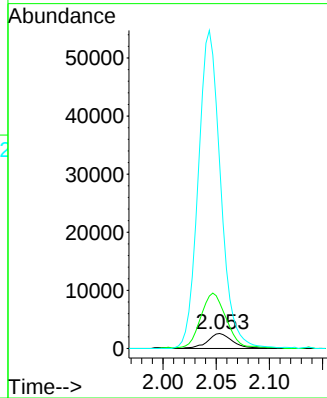
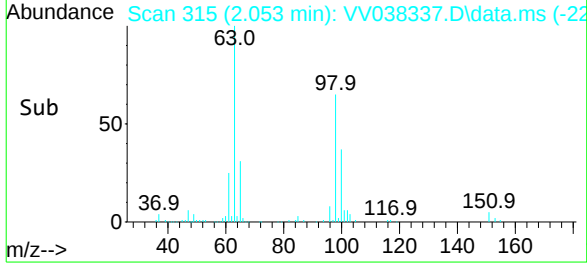


#12
1,1-Dichloroethene
Concen: 0.360 ug/L
RT: 2.053 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV038337.D
Acq: 25 Nov 2024 12:26

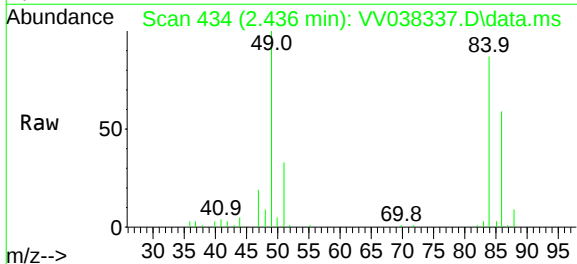
Instrument :
MSVOA_V
ClientSampleId :
BG3M5DL



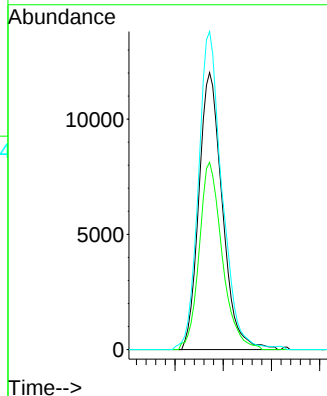
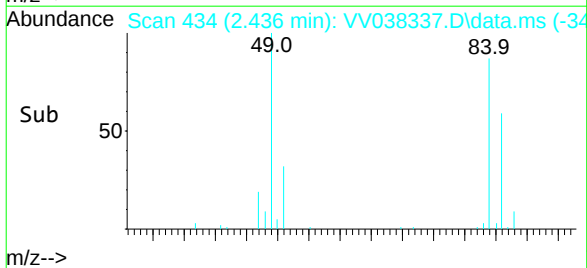
Tgt Ion: 96 Resp: 4220
Ion Ratio Lower Upper
96 100
61 304.8 115.7 214.9#
63 1234.1 101.1 187.7#

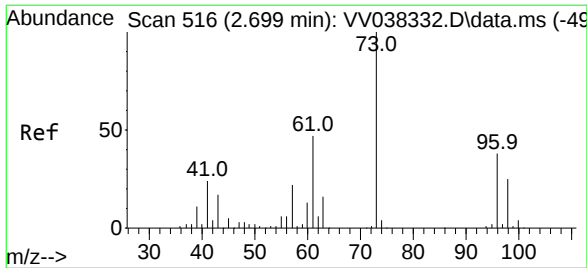


#16
Methylene chloride
Concen: 1.522 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV038337.D
Acq: 25 Nov 2024 12:26



Tgt Ion: 84 Resp: 20324
Ion Ratio Lower Upper
84 100
86 67.6 44.2 82.2
49 114.8 74.9 139.1

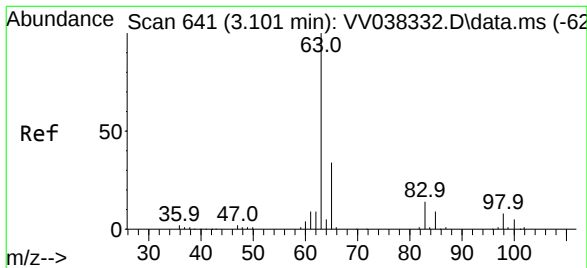
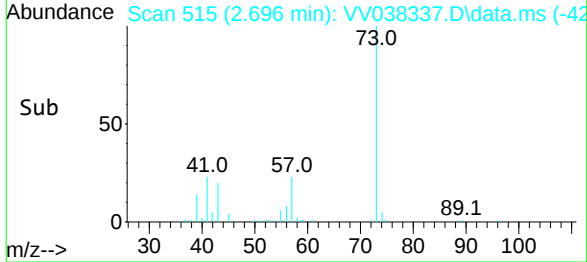
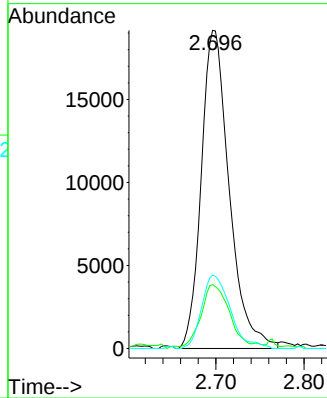
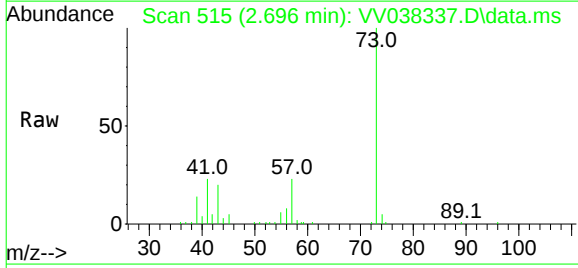




#17
Methyl tert-butyl Ether
Concen: 1.594 ug/L
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV038337.D
Acq: 25 Nov 2024 12:26

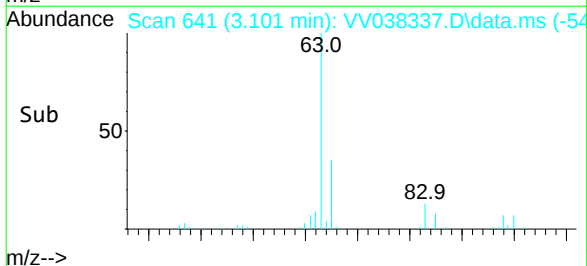
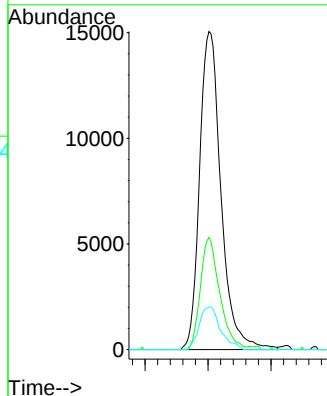
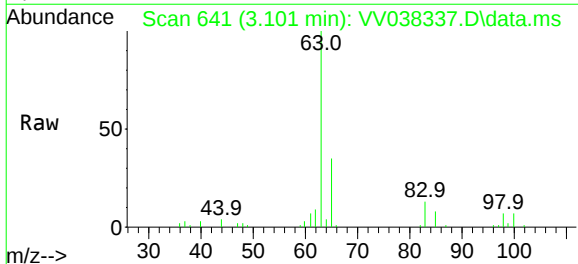
Instrument :
MSVOA_V
ClientSampleId :
BG3M5DL

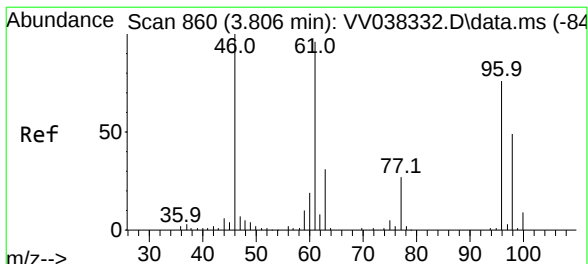
Tgt Ion:	73	Resp:	42197
Ion	Ratio	Lower	Upper
73	100		
43	20.7	14.2	21.2
57	23.7	17.6	26.4



#19
1,1-Dichloroethane
Concen: 1.585 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV038337.D
Acq: 25 Nov 2024 12:26

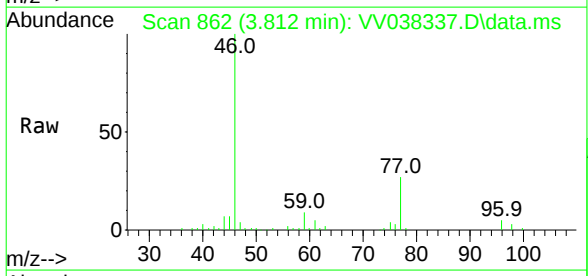
Tgt Ion:	63	Resp:	35487
Ion	Ratio	Lower	Upper
63	100		
65	35.3	22.5	41.7
83	13.4	10.1	18.9



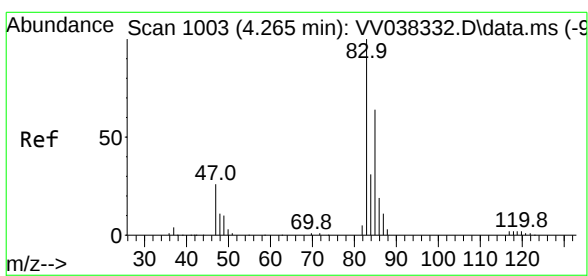
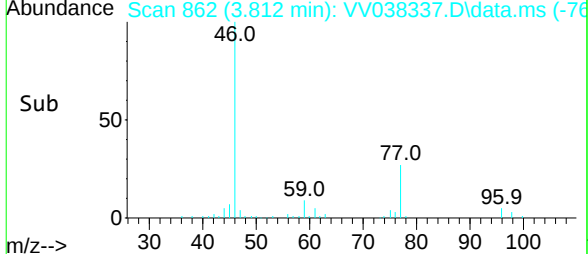
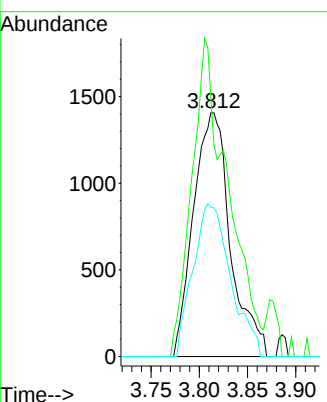


#22
 cis-1,2-Dichloroethene
 Concen: 0.293 ug/L
 RT: 3.812 min Scan# 860
 Delta R.T. 0.006 min
 Lab File: VV038337.D
 Acq: 25 Nov 2024 12:26

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M5DL

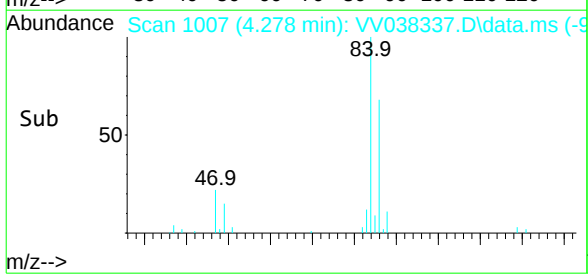
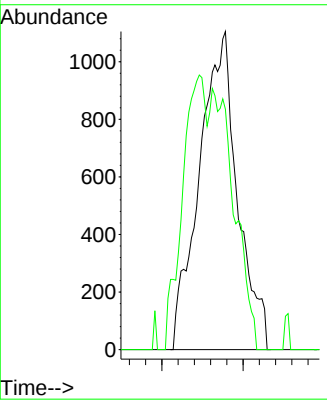
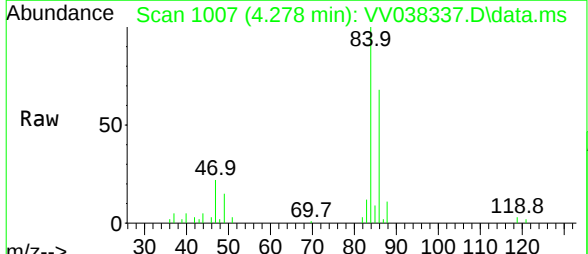


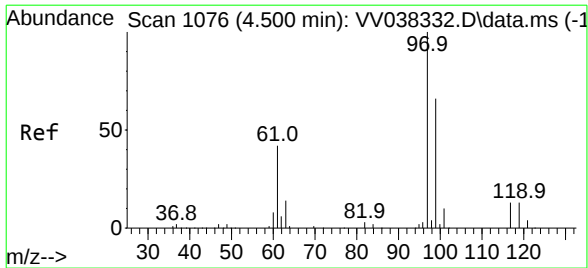
Tgt Ion:	96	Resp:	3736
Ion	Ratio	Lower	Upper
96	100		
61	105.9	82.7	153.5
98	61.3	46.3	85.9



#25
 Chloroform
 Concen: 0.151 ug/L
 RT: 4.278 min Scan# 1007
 Delta R.T. 0.013 min
 Lab File: VV038337.D
 Acq: 25 Nov 2024 12:26

Tgt Ion:	83	Resp:	3607
Ion	Ratio	Lower	Upper
83	100		
85	75.6	46.5	86.3

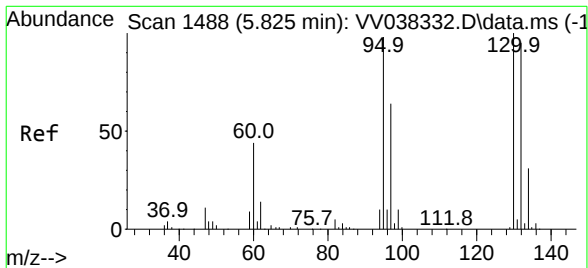
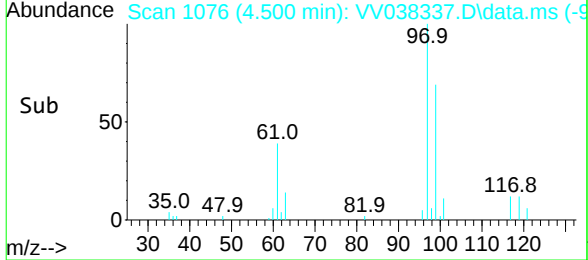
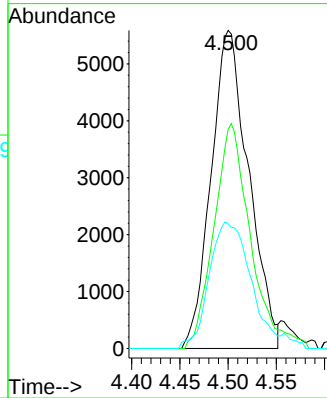
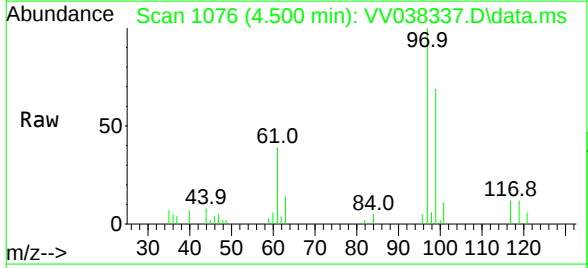




#29
1,1,1-Trichloroethane
Concen: 0.701 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038337.D
Acq: 25 Nov 2024 12:26

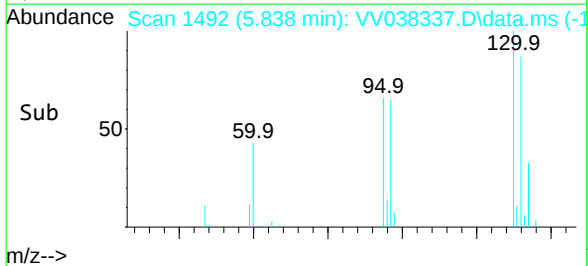
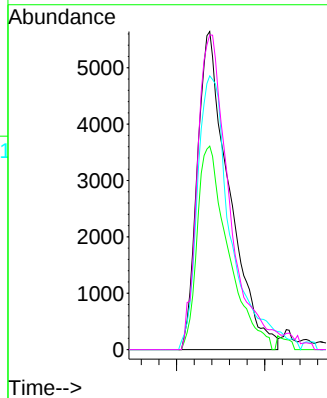
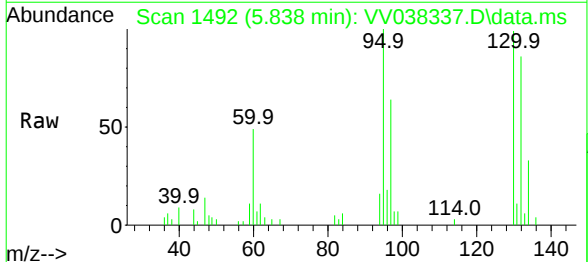
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ClientSampleId :
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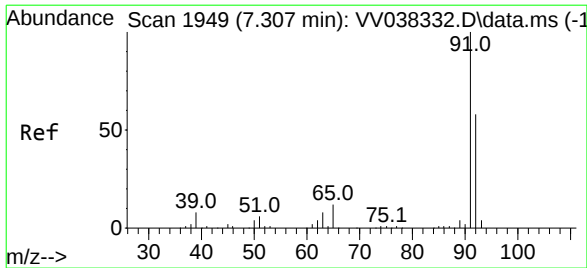
Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.7	51.8	77.8
61	43.6	32.2	48.2



#34
Trichloroethene
Concen: 1.019 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.013 min
Lab File: VV038337.D
Acq: 25 Nov 2024 12:26

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.8	83.2
132	86.1	68.3	126.8
130	98.9	70.2	130.4





#42

Toluene

Concen: 0.199 ug/L

RT: 7.330 min Scan# 19

Delta R.T. 0.023 min

Lab File: VV038337.D

Acq: 25 Nov 2024 12:26

Instrument :

MSVOA_V

ClientSampleId :

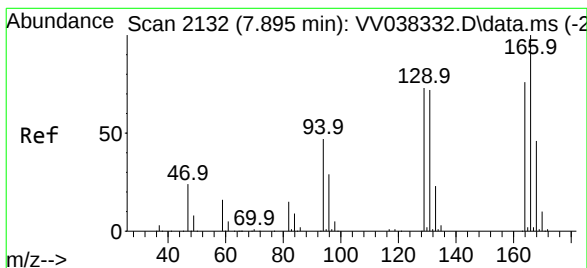
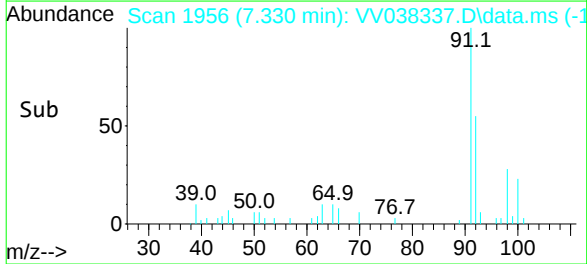
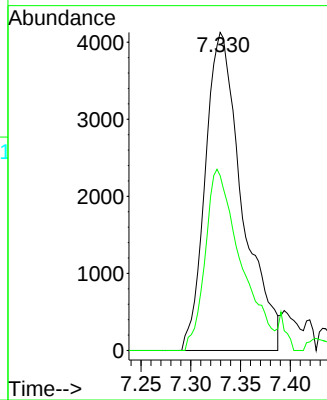
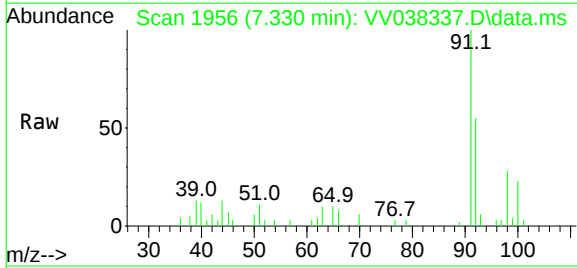
BG3M5DL

Tgt Ion: 91 Resp: 10651

Ion Ratio Lower Upper

91 100

92 55.0 40.8 75.8



#47

Tetrachloroethene

Concen: 2.147 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.006 min

Lab File: VV038337.D

Acq: 25 Nov 2024 12:26

Tgt Ion: 164 Resp: 23824

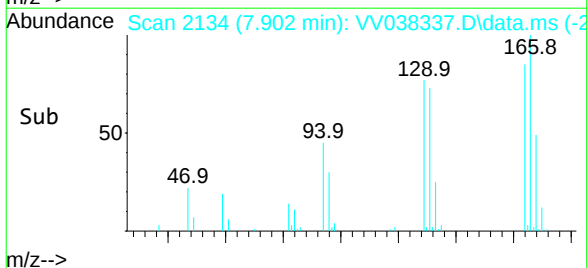
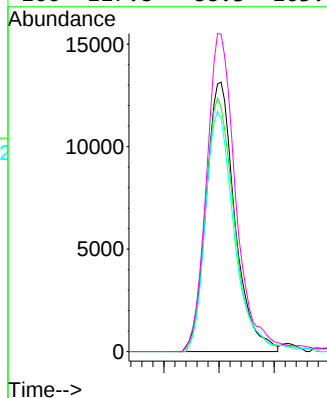
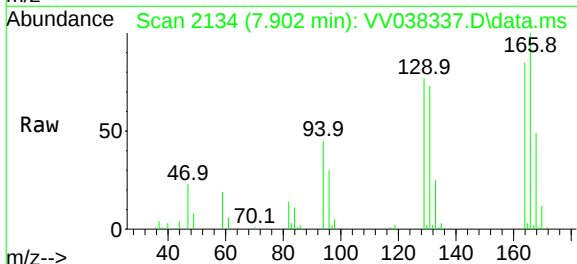
Ion Ratio Lower Upper

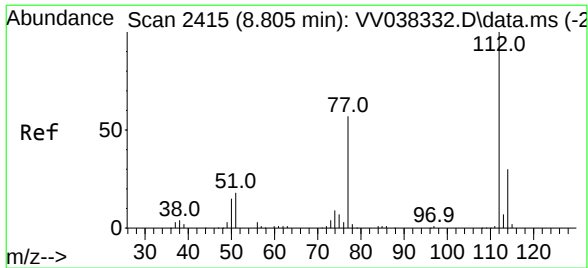
164 100

129 90.8 68.5 127.1

131 86.6 64.8 120.4

166 117.8 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.183 ug/L
 RT: 8.815 min Scan# 2415
 Delta R.T. 0.010 min
 Lab File: VV038337.D
 Acq: 25 Nov 2024 12:26

Instrument : MSVOA_V
 ClientSampleId : BG3M5DL

Tgt Ion:	112	Resp:	6752
Ion	Ratio	Lower	Upper
112	100		
114	28.1	22.0	40.8
77	58.2	45.0	67.4

