

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038237.D
 Acq On : 21 Nov 2024 13:34
 Operator : SY/MD
 Sample : P4883-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3L7

Quant Time: Nov 22 01:45:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

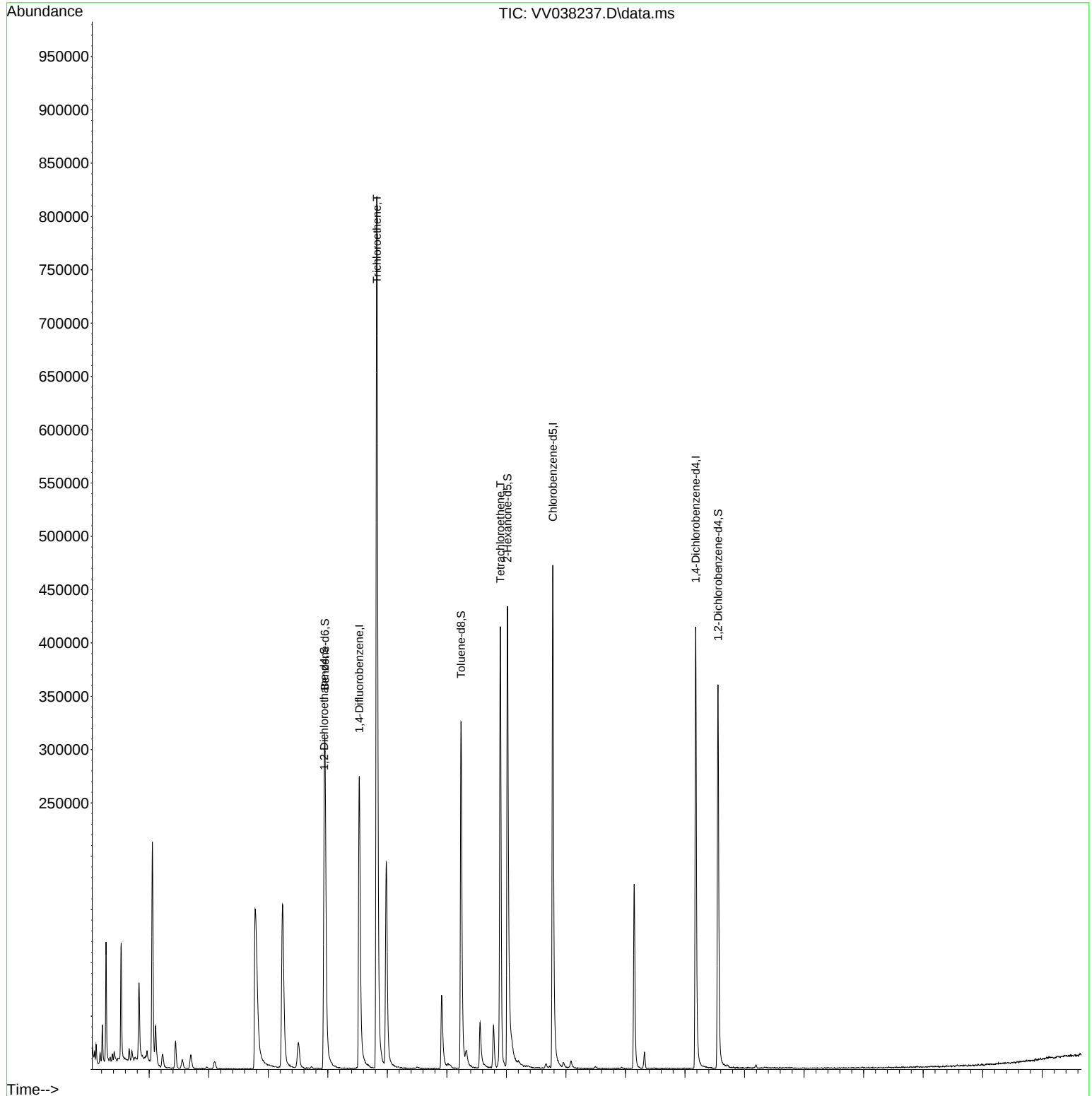
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	262907	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	285591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	121894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	71387	3.543	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.529	69	71692	4.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.053	65	34935	4.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.776	46	191079	47.400	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.800%
24) Chloroform-d	4.239	84	171004	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.937	65	85976	4.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	4.950	84	301530	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.982	67	102190	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.239	98	242304	3.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.558	79	32016	3.791	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.017	63	162131	49.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.780%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	89577	4.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	102189	4.920	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	23003	1.074	ug/L	96
9) Trichlorofluoromethane	1.709	101	4931	0.143	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	3902	0.198	ug/L #	76
13) Acetone	2.108	43	32622	10.942	ug/L	99
16) Methylene chloride	2.442	84	11309	0.528	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	10412	0.245	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	19295	0.943	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	21791	0.636	ug/L	96
34) Trichloroethene	5.825	95	303609	13.884	ug/L	97
47) Tetrachloroethene	7.898	164	97621	5.555	ug/L	98

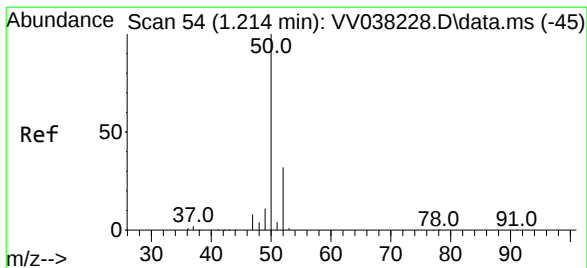
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.074 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.000 min

Lab File: VV038237.D

Acq: 21 Nov 2024 13:34

Instrument :

MSVOA_V

ClientSampleId :

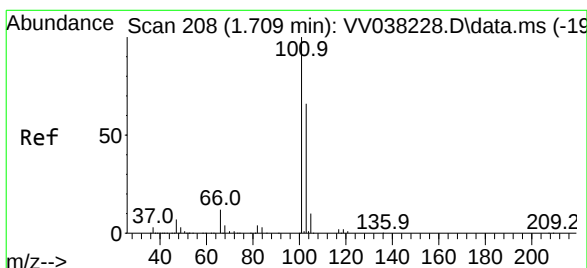
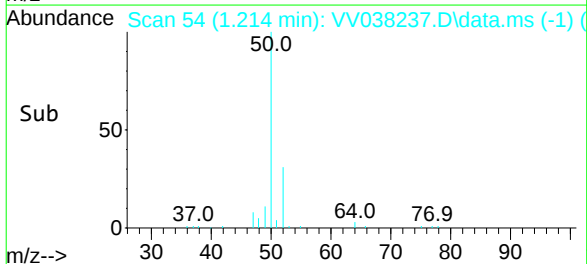
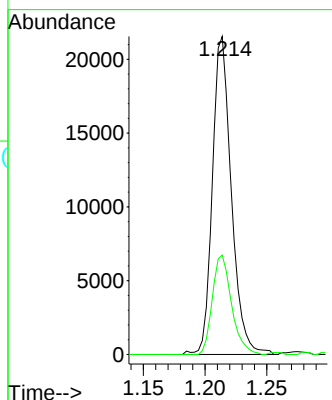
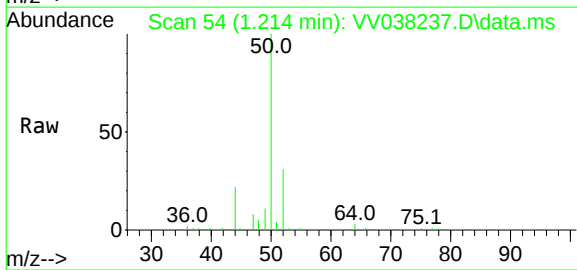
BG3L7

Tgt Ion: 50 Resp: 23003

Ion Ratio Lower Upper

50 100

52 31.2 23.5 43.7



#9

Trichlorofluoromethane

Concen: 0.143 ug/L

RT: 1.709 min Scan# 208

Delta R.T. -0.000 min

Lab File: VV038237.D

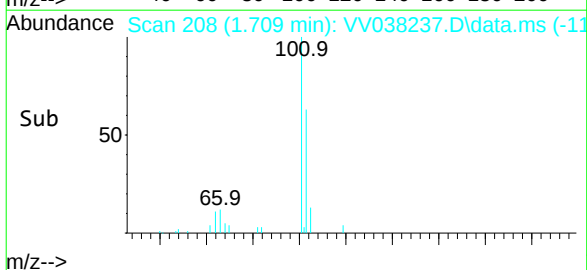
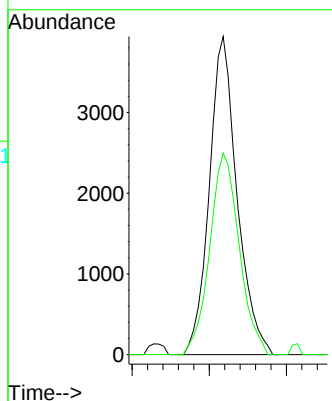
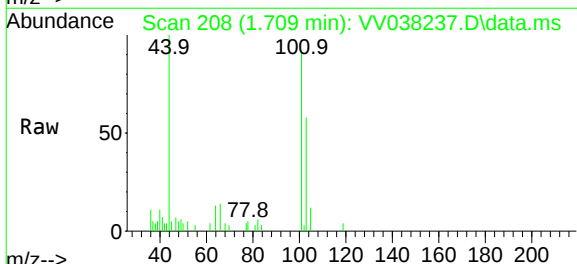
Acq: 21 Nov 2024 13:34

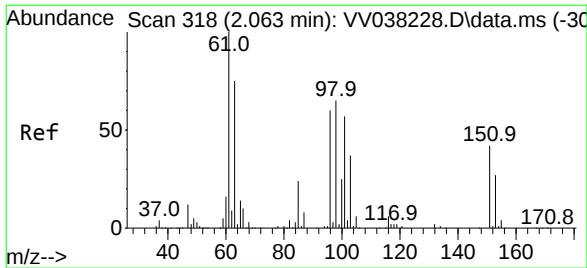
Tgt Ion: 101 Resp: 4931

Ion Ratio Lower Upper

101 100

103 67.3 51.5 77.3

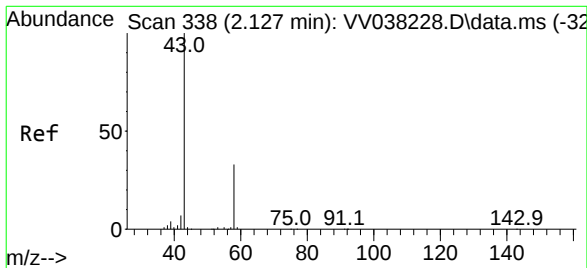
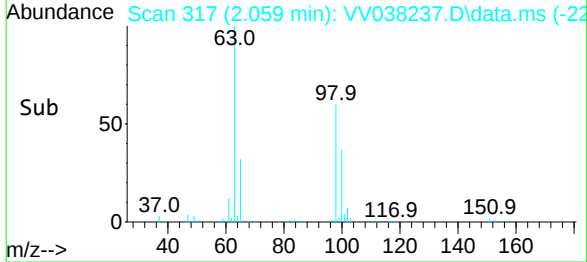
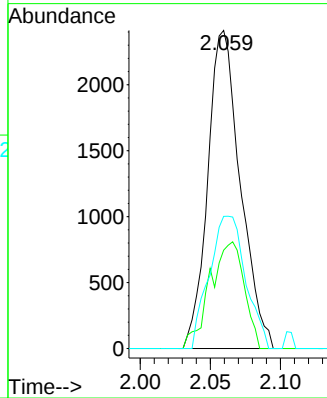
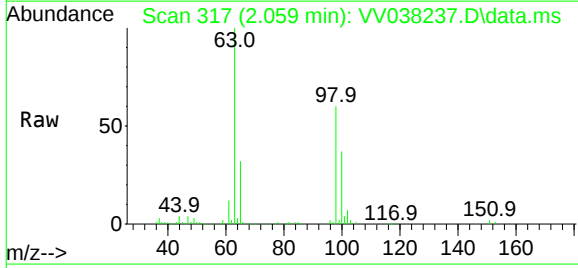




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.198 ug/L
RT: 2.059 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038237.D
Acq: 21 Nov 2024 13:34

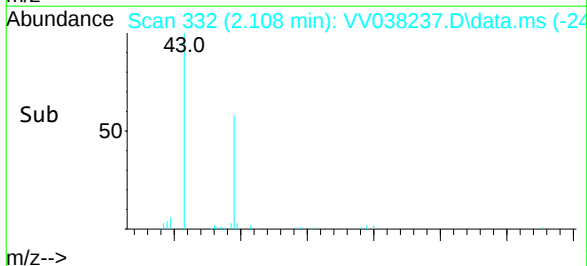
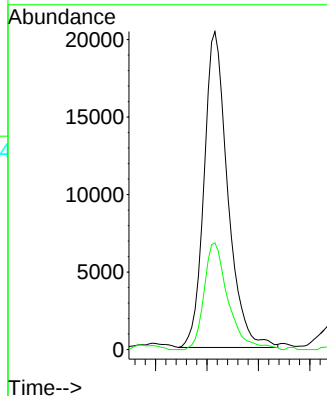
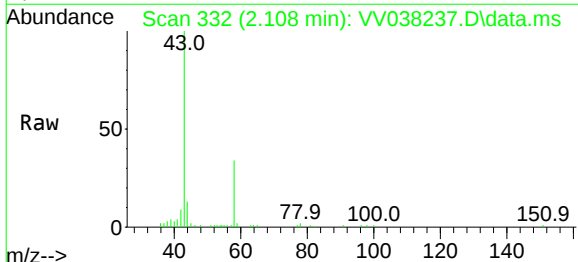
Instrument :
MSVOA_V
ClientSampleId :
BG3L7

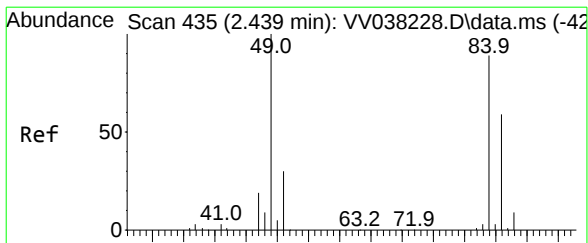
Tgt Ion: 101 Resp: 3902
Ion Ratio Lower Upper
101 100
85 35.2 33.4 50.0
151 46.4 58.8 88.2#



#13
Acetone
Concen: 10.942 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.019 min
Lab File: VV038237.D
Acq: 21 Nov 2024 13:34

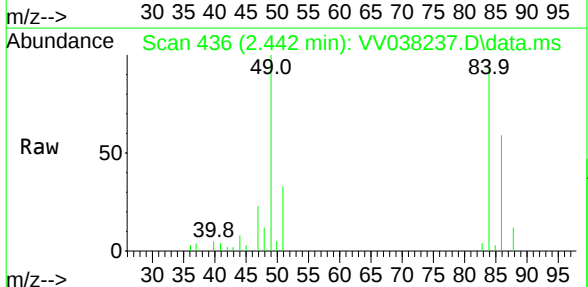
Tgt Ion: 43 Resp: 32622
Ion Ratio Lower Upper
43 100
58 34.3 0.0 67.2



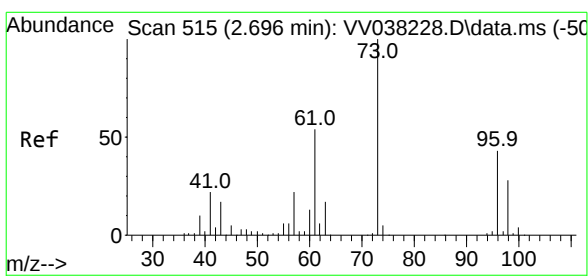
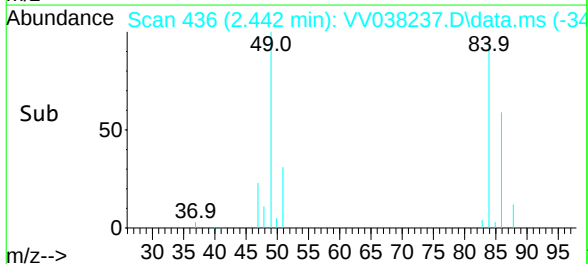
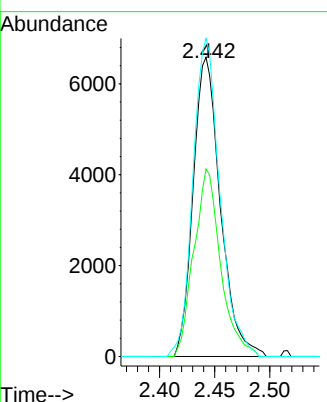


#16
Methylene chloride
Concen: 0.528 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038237.D
Acq: 21 Nov 2024 13:34

Instrument :
MSVOA_V
ClientSampleId :
BG3L7

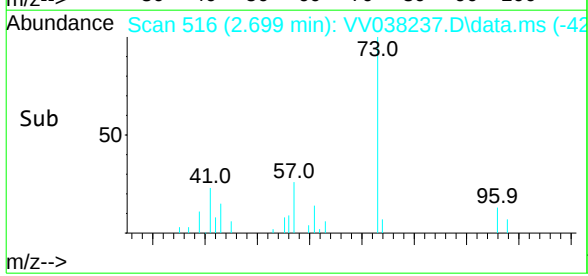
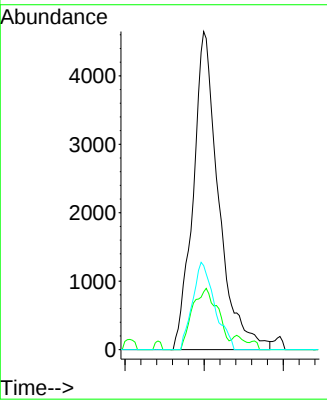
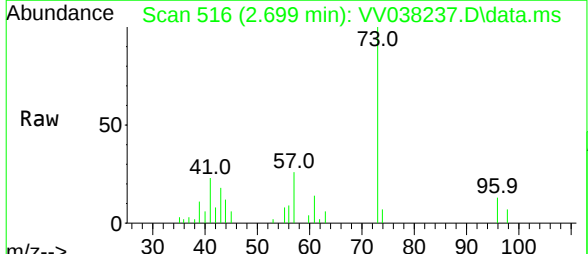


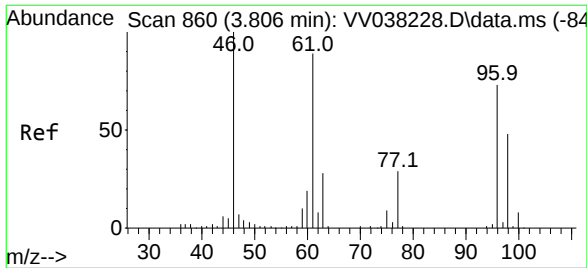
Tgt Ion:	84	Resp:	11309
Ion	Ratio	Lower	Upper
84	100		
86	62.6	44.2	82.2
49	106.3	74.9	139.1



#17
Methyl tert-butyl Ether
Concen: 0.245 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038237.D
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Tgt Ion:	73	Resp:	10412
Ion	Ratio	Lower	Upper
73	100		
43	19.3	14.2	21.2
57	23.7	17.6	26.4

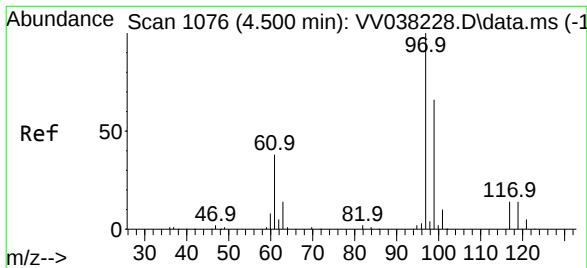
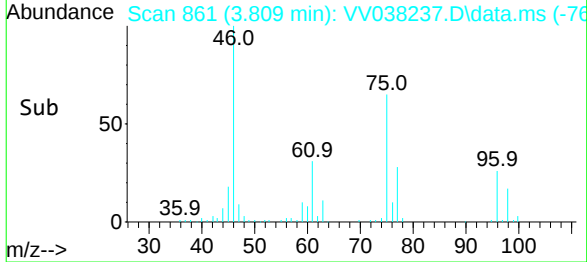
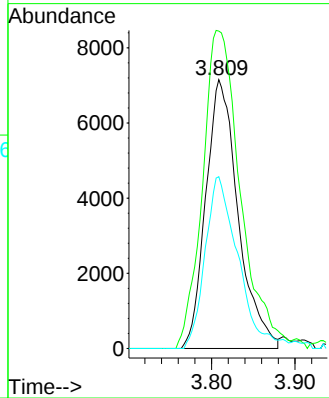
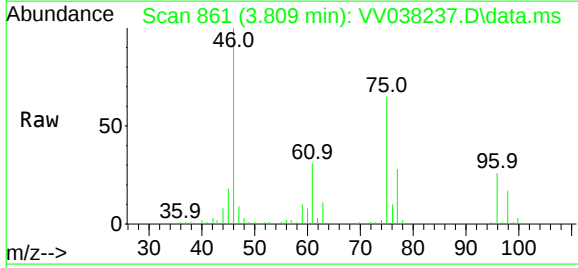




#22
 cis-1,2-Dichloroethene
 Concen: 0.943 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV038237.D
 Acq: 21 Nov 2024 13:34

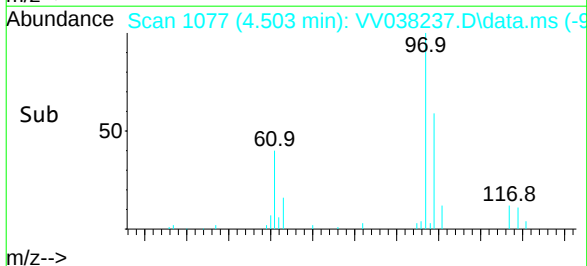
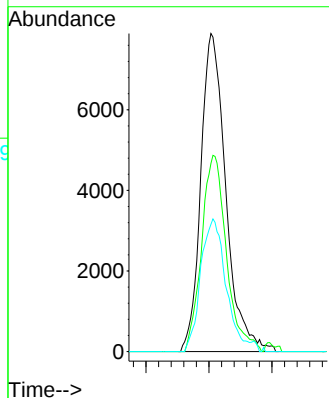
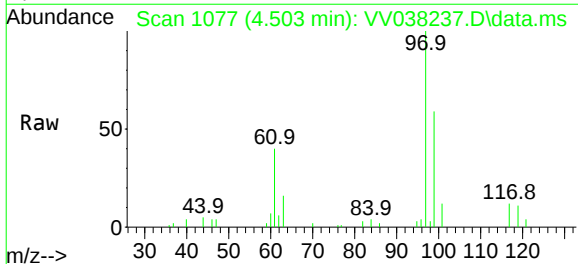
Instrument :
 MSVOA_V
 ClientSampleId :
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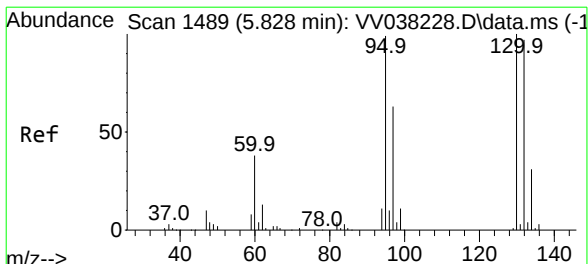
Tgt Ion	Ratio	Lower	Upper
96	100		
61	118.1	82.7	153.5
98	63.9	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.636 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. 0.003 min
 Lab File: VV038237.D
 Acq: 21 Nov 2024 13:34

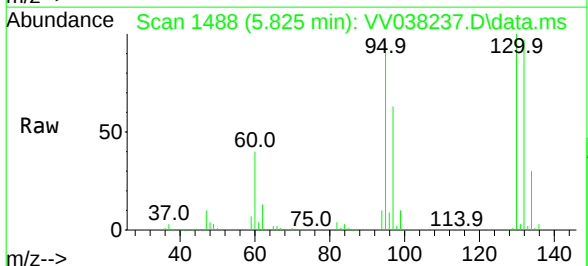
Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.2	51.8	77.8
61	41.9	32.2	48.2



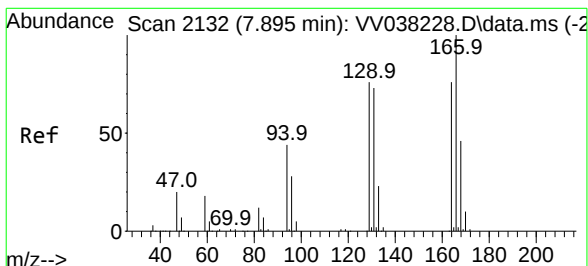
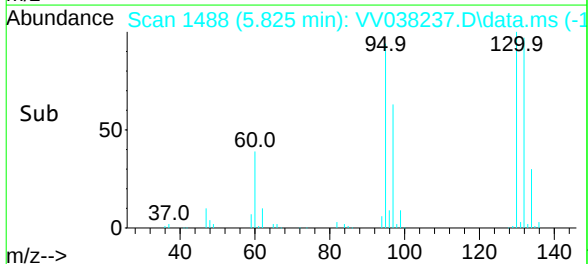
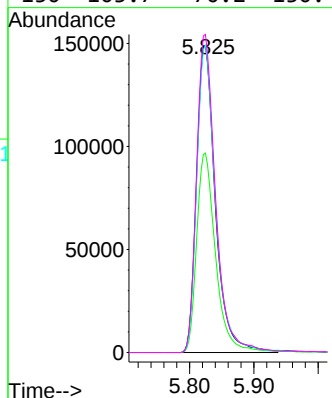


#34
Trichloroethene
Concen: 13.884 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038237.D
Acq: 21 Nov 2024 13:34

Instrument :
MSVOA_V
ClientSampleId :
BG3L7



Tgt Ion: 95 Resp: 303609
Ion Ratio Lower Upper
95 100
97 65.0 44.8 83.2
132 100.1 68.3 126.8
130 103.7 70.2 130.4



#47
Tetrachloroethene
Concen: 5.555 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038237.D
Acq: 21 Nov 2024 13:34

Tgt Ion: 164 Resp: 97621
Ion Ratio Lower Upper
164 100
129 97.7 68.5 127.1
131 92.6 64.8 120.4
166 130.7 88.3 163.9

