

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038262.D
 Acq On : 22 Nov 2024 11:20
 Operator : SY/MD
 Sample : P4883-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3L7

Quant Time: Nov 22 23:59:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

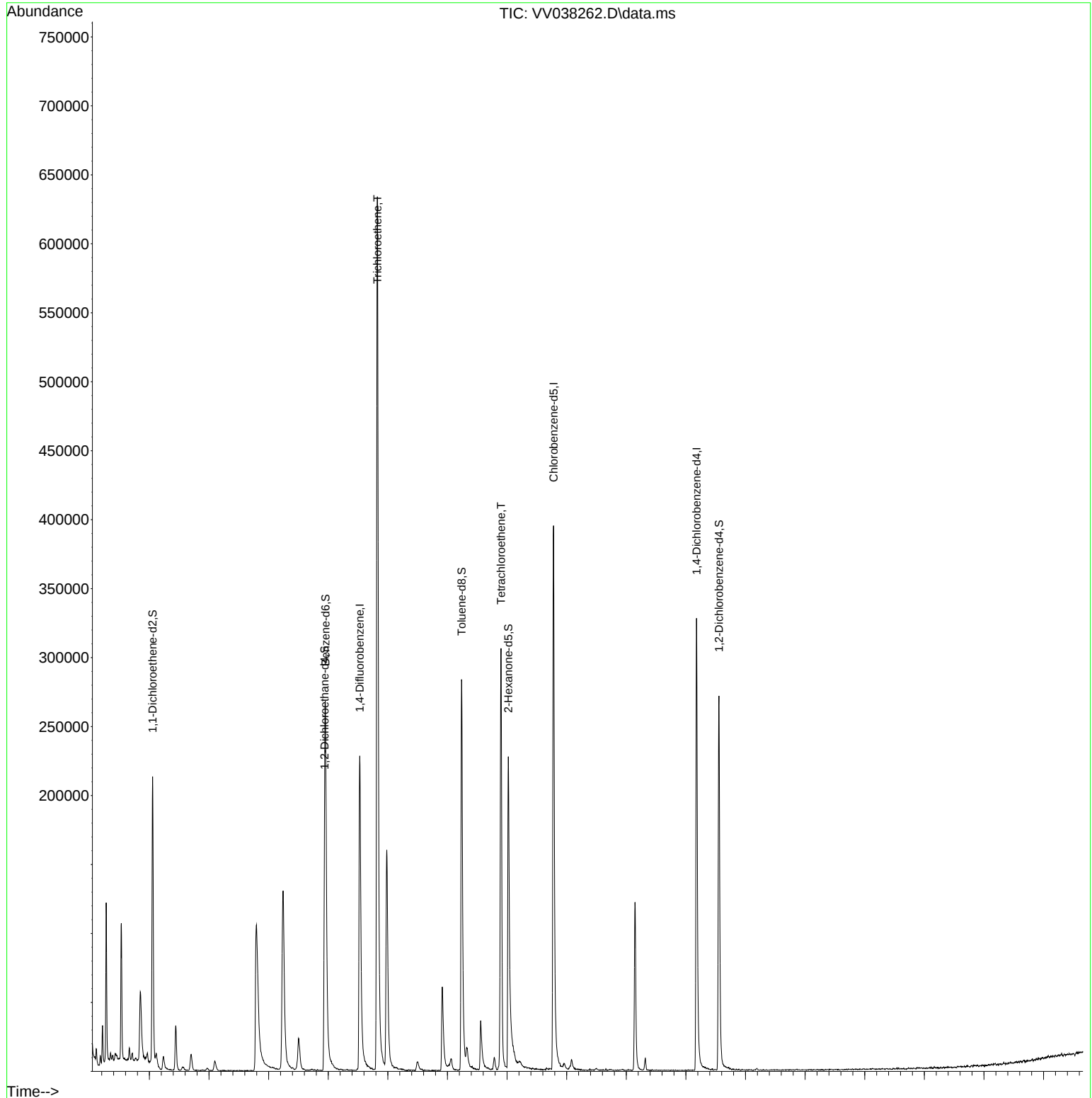
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	222826	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	235227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	98709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74108	4.339	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.529	69	64097	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.053	65	35190	4.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.789	46	117981	34.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.060%
24) Chloroform-d	4.240	84	144703	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.937	65	65646	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.953	84	261266	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.982	67	84408	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.236	98	213995	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.558	79	27503	3.954	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.021	63	86583	32.024	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.040%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	63916	4.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	80654	4.796	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds	Qvalue					
3) Chloromethane	1.214	50	18242	1.005	ug/L	95
16) Methylene chloride	2.442	84	14148	0.780	ug/L	92
17) Methyl tert-butyl Ether	2.699	73	9622	0.267	ug/L	95
22) cis-1,2-Dichloroethene	3.812	96	16639	0.960	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	20525	0.728	ug/L	97
34) Trichloroethene	5.825	95	238437	13.238	ug/L	98
42) Toluene	7.330	91	12399	0.177	ug/L	99
47) Tetrachloroethene	7.899	164	71929	4.970	ug/L	98
51) Chlorobenzene	8.812	112	7373	0.153	ug/L	95

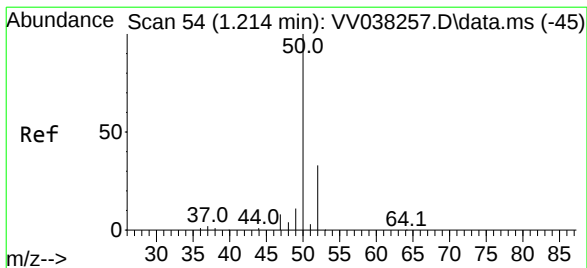
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 22 23:57:44 2024
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#3

Chloromethane

Concen: 1.005 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.000 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :

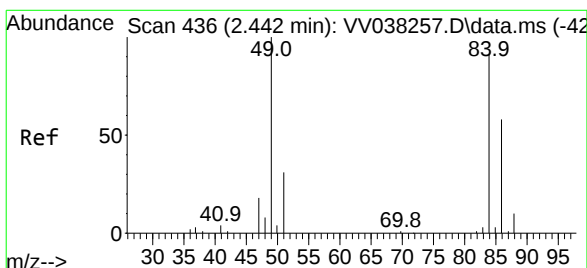
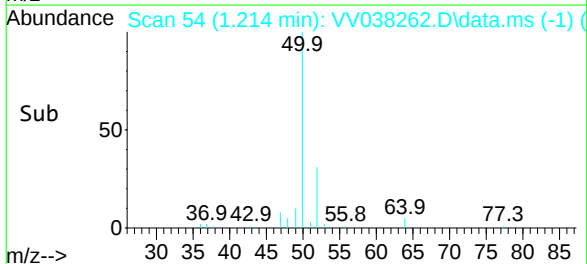
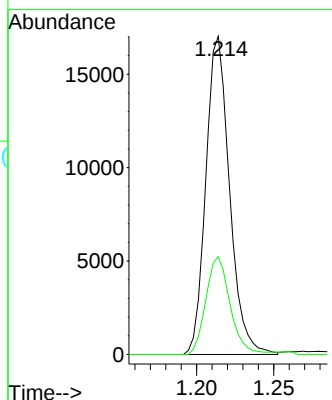
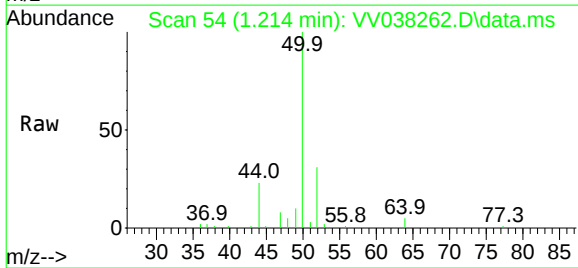
BG3L7

Tgt Ion: 50 Resp: 18242

Ion Ratio Lower Upper

50 100

52 30.7 23.5 43.7



#16

Methylene chloride

Concen: 0.780 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

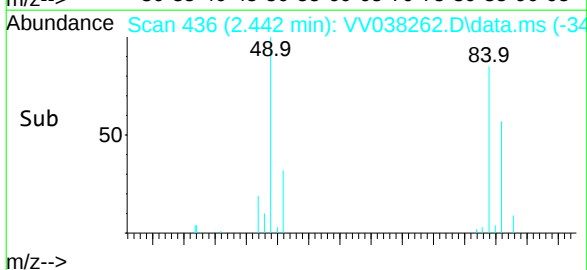
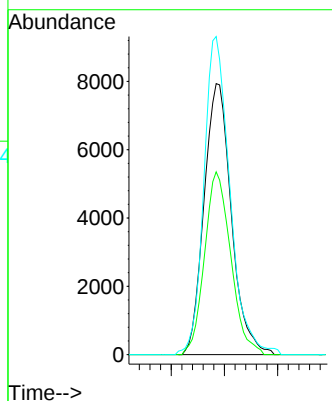
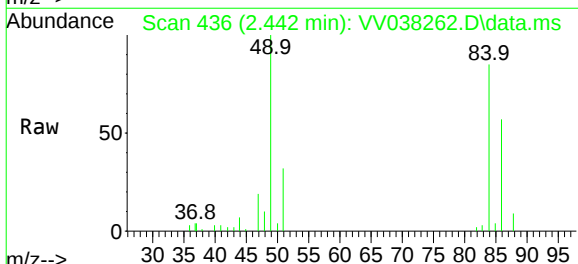
Tgt Ion: 84 Resp: 14148

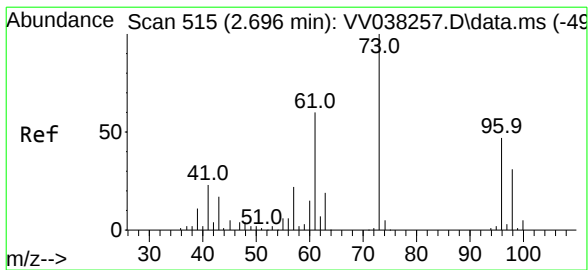
Ion Ratio Lower Upper

84 100

86 67.5 44.2 82.2

49 117.4 74.9 139.1

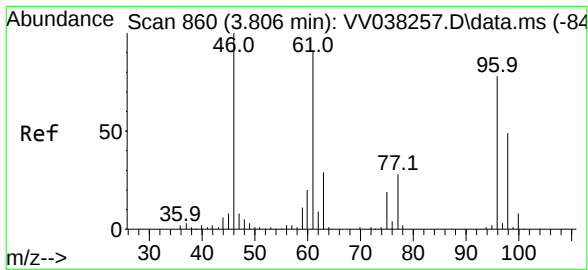
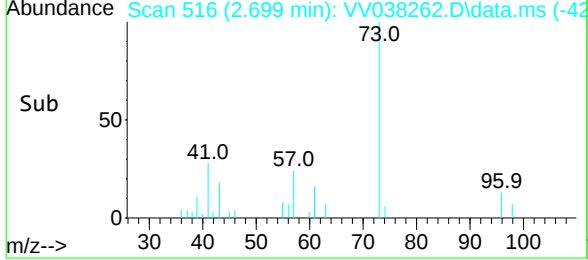
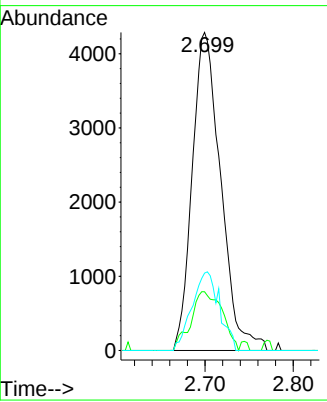
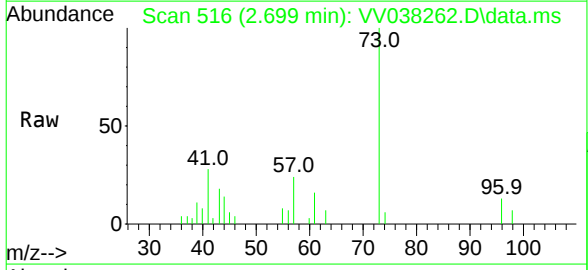




#17
Methyl tert-butyl Ether
Concen: 0.267 ug/L
RT: 2.699 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038262.D
Acq: 22 Nov 2024 11:20

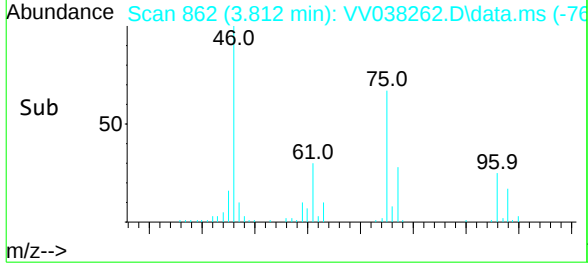
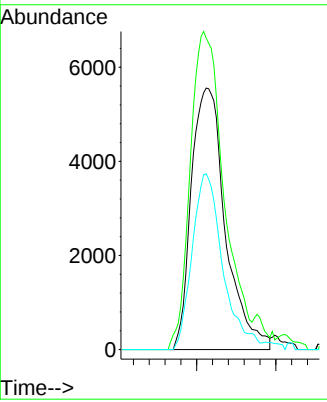
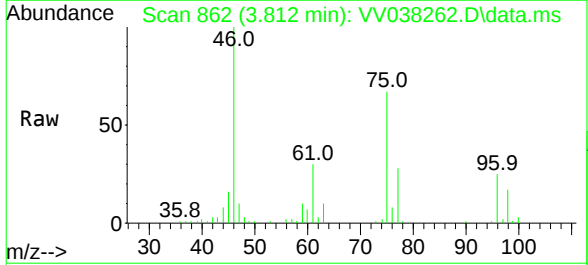
Instrument :
MSVOA_V
ClientSampleId :
BG3L7

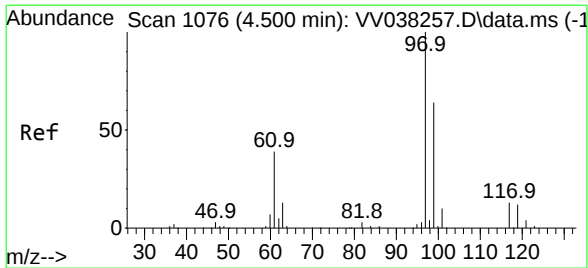
Tgt Ion: 73	Resp: 9622
Ion Ratio	Lower Upper
73 100	
43 20.4	14.2 21.2
57 23.8	17.6 26.4



#22
cis-1,2-Dichloroethene
Concen: 0.960 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038262.D
Acq: 22 Nov 2024 11:20

Tgt Ion: 96	Resp: 16639
Ion Ratio	Lower Upper
96 100	
61 119.1	82.7 153.5
98 67.2	46.3 85.9

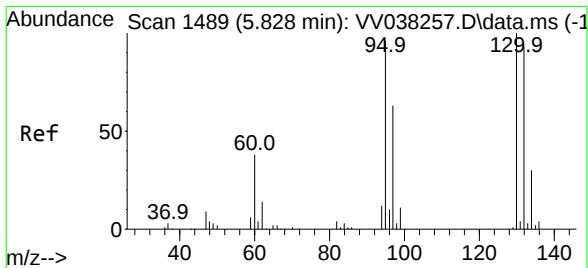
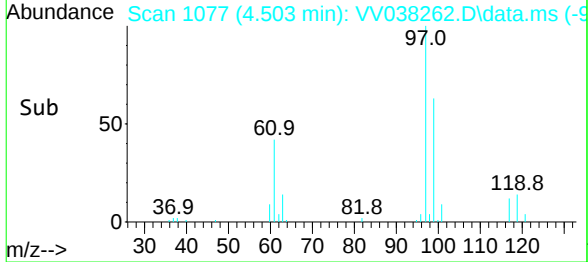
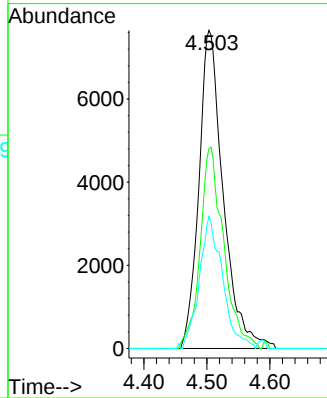
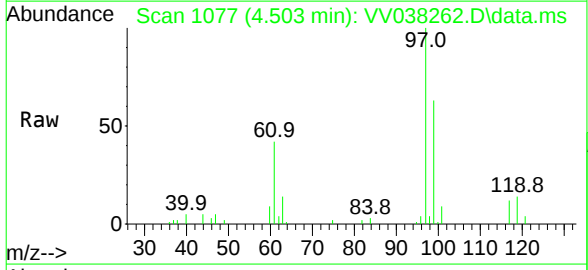




#29
1,1,1-Trichloroethane
Concen: 0.728 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038262.D
Acq: 22 Nov 2024 11:20

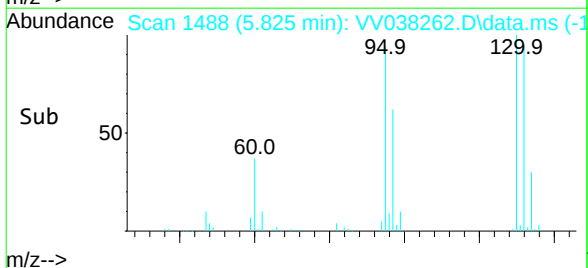
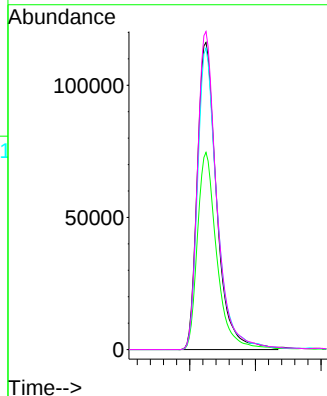
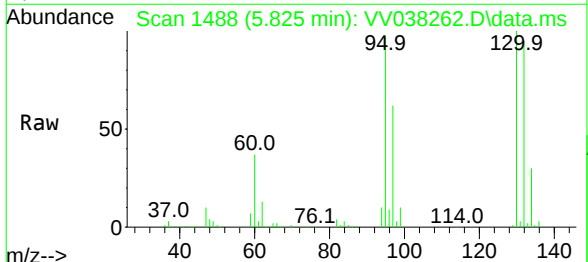
Instrument :
MSVOA_V
ClientSampleId :
BG3L7

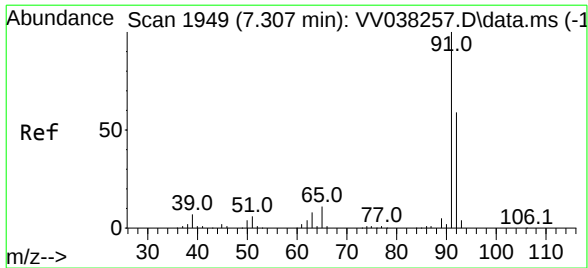
Tgt	Ion	97	Resp:	20525
Ion	Ratio	Lower	Upper	
97	100			
99	61.0	51.8	77.8	
61	39.5	32.2	48.2	



#34
Trichloroethene
Concen: 13.238 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038262.D
Acq: 22 Nov 2024 11:20

Tgt	Ion	95	Resp:	238437
Ion	Ratio	Lower	Upper	
95	100			
97	64.2	44.8	83.2	
132	98.2	68.3	126.8	
130	103.6	70.2	130.4	





#42

Toluene

Concen: 0.177 ug/L

RT: 7.330 min Scan# 19

Delta R.T. 0.022 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :

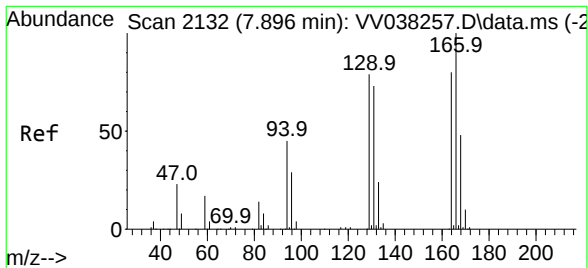
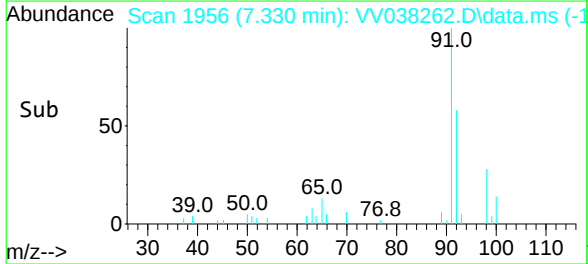
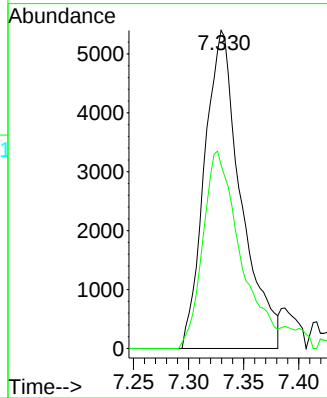
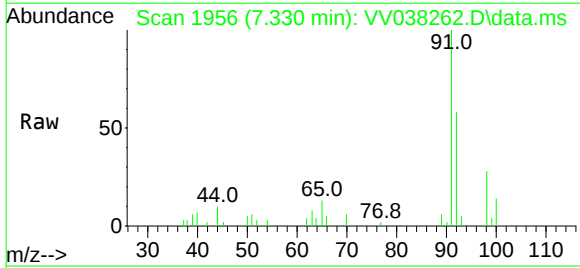
BG3L7

Tgt Ion: 91 Resp: 12399

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#47

Tetrachloroethene

Concen: 4.970 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

Tgt Ion: 164 Resp: 71929

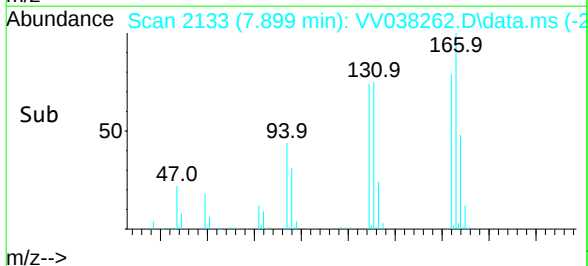
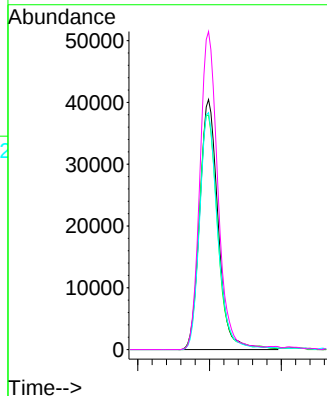
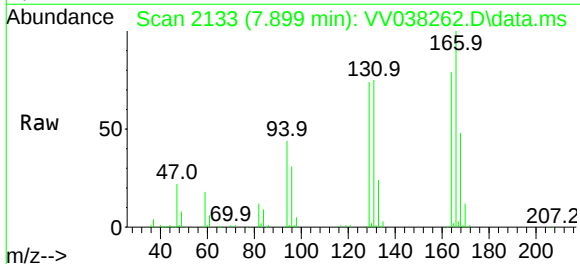
Ion Ratio Lower Upper

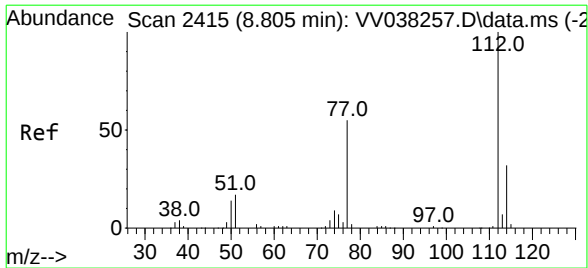
164 100

129 93.7 68.5 127.1

131 94.8 64.8 120.4

166 127.2 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.153 ug/L
 RT: 8.812 min Scan# 2417
 Delta R.T. 0.006 min
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Tgt Ion:	112	Resp:	7373
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	40.8
77	61.0	45.0	67.4

