

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038233.D
 Acq On : 21 Nov 2024 11:57
 Operator : SY/MD
 Sample : P4883-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3L3

Quant Time: Nov 22 01:43:44 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)

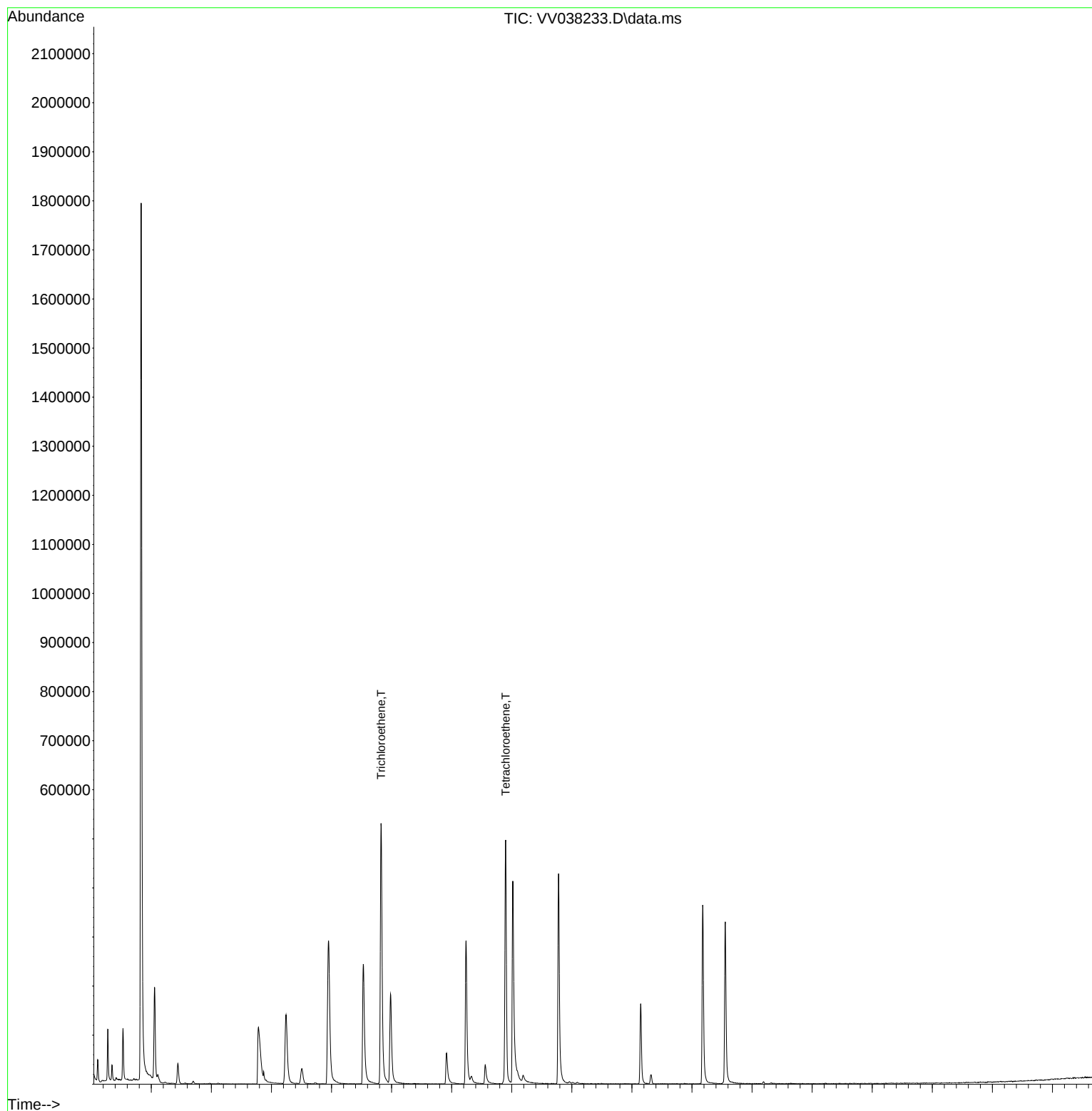
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	237738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	257844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	107181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68133	3.739	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.529	69	68866	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.053	65	30890	3.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.780	46	188283	51.651	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.300%
24) Chloroform-d	4.243	84	161967	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.937	65	82325	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	4.954	84	279661	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.982	67	94916	4.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.240	98	221708	3.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	7.558	79	28505	3.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.018	63	155954	52.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.240%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83768	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.555	152	93198	5.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	9890	0.440	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	5701	0.320	ug/L	92
13) Acetone	2.111	43	11611	4.307	ug/L	91
16) Methylene chloride	2.442	84	18568	0.959	ug/L	92
22) cis-1,2-Dichloroethene	3.809	96	17381	0.940	ug/L	95
29) 1,1,1-Trichloroethane	4.500	97	27753	0.897	ug/L	97
34) Trichloroethene	5.825	95	201342	10.198	ug/L	97
42) Toluene	7.326	91	11972	0.156	ug/L	94
47) Tetrachloroethene	7.899	164	115700	7.293	ug/L	98

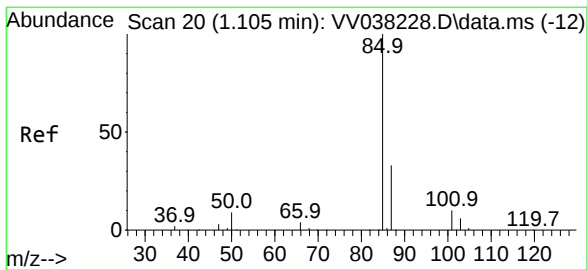
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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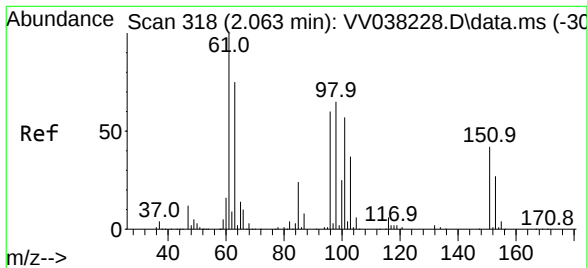
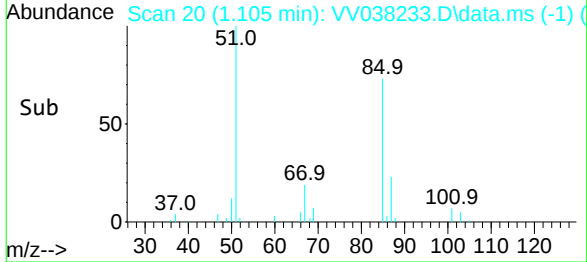
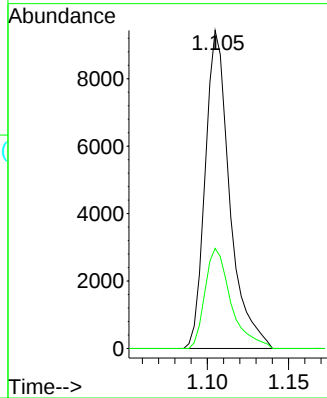
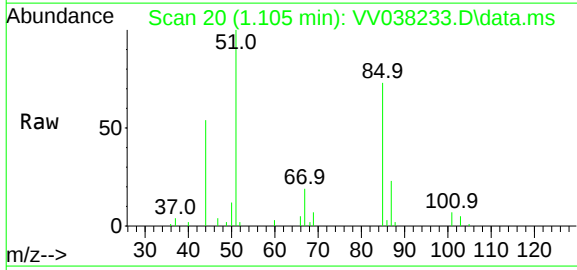




#2
 Dichlorodifluoromethane
 Concen: 0.440 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038233.D
 Acq: 21 Nov 2024 11:57

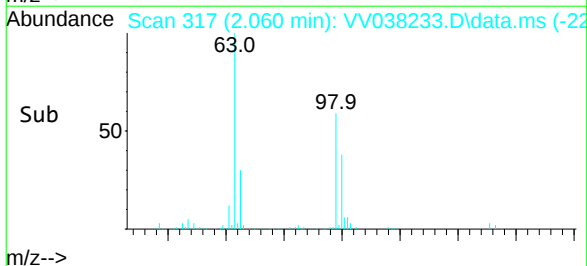
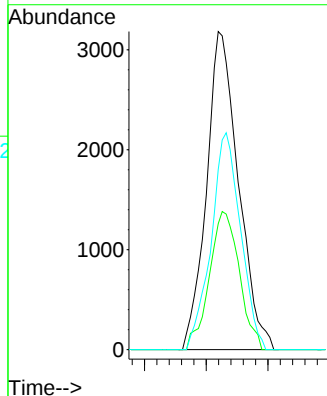
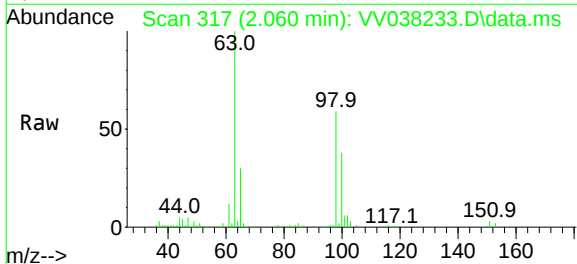
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3L3

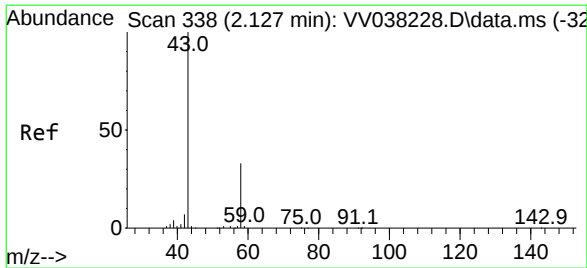
Tgt Ion: 85 Resp: 9890
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.5 39.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.320 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038233.D
 Acq: 21 Nov 2024 11:57

Tgt Ion: 101 Resp: 5701
 Ion Ratio Lower Upper
 101 100
 85 40.8 33.4 50.0
 151 63.0 58.8 88.2





#13

Acetone

Concen: 4.307 ug/L

RT: 2.111 min Scan# 33

Delta R.T. -0.016 min

Lab File: VV038233.D

Acq: 21 Nov 2024 11:57

Instrument :

MSVOA_V

ClientSampleId :

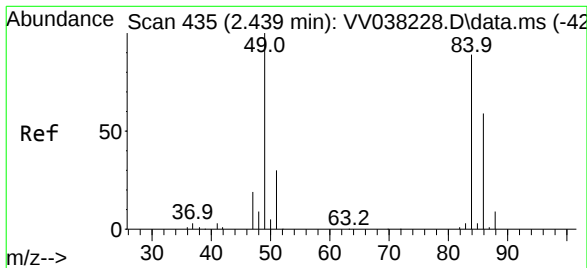
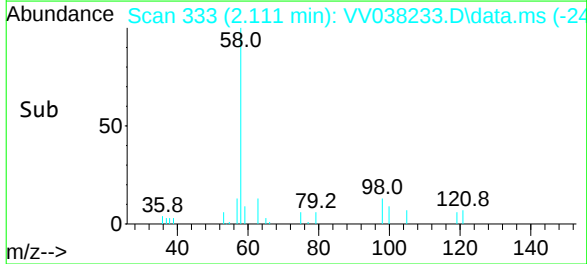
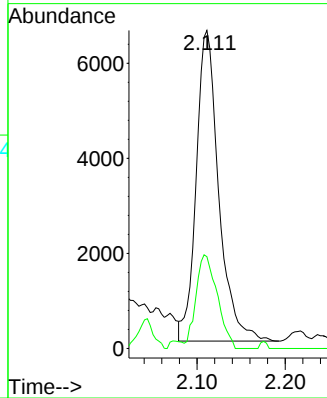
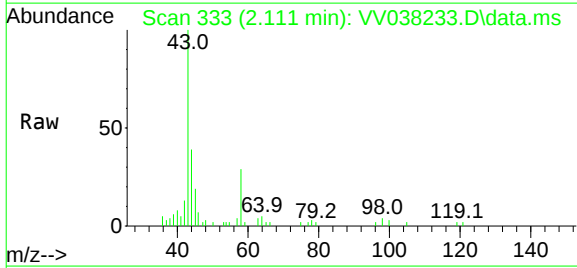
BG3L3

Tgt Ion: 43 Resp: 11611

Ion Ratio Lower Upper

43 100

58 28.5 0.0 67.2



#16

Methylene chloride

Concen: 0.959 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038233.D

Acq: 21 Nov 2024 11:57

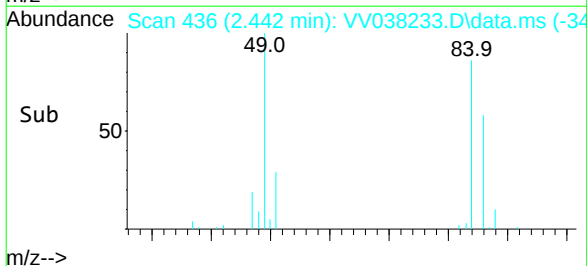
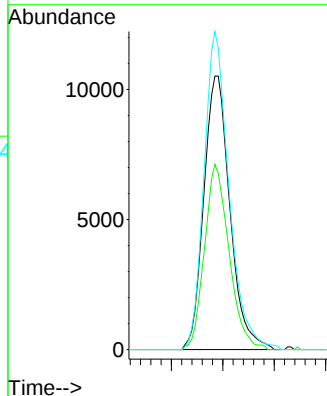
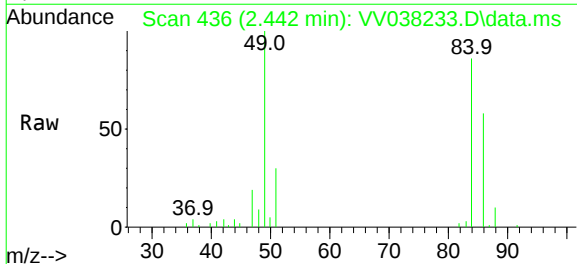
Tgt Ion: 84 Resp: 18568

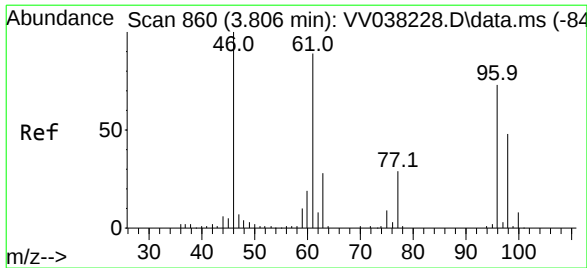
Ion Ratio Lower Upper

84 100

86 67.7 44.2 82.2

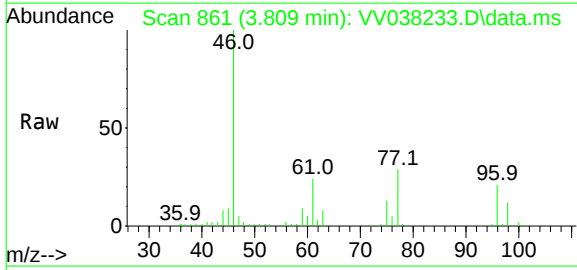
49 116.3 74.9 139.1



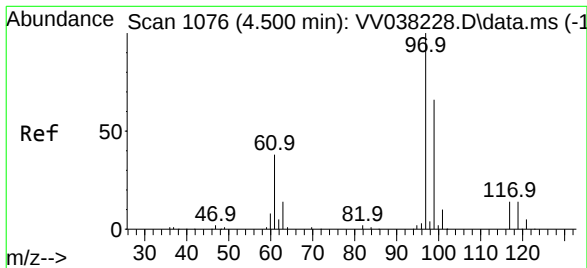
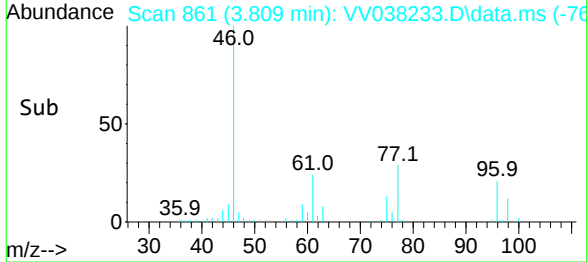
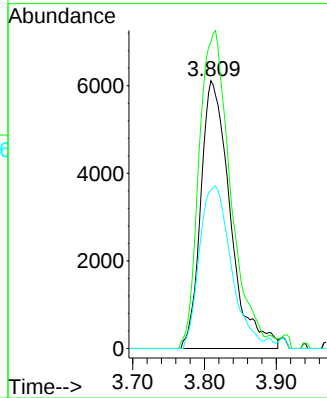


#22
cis-1,2-Dichloroethene
Concen: 0.940 ug/L
RT: 3.809 min Scan# 860
Delta R.T. 0.003 min
Lab File: VV038233.D
Acq: 21 Nov 2024 11:57

Instrument :
MSVOA_V
ClientSampleId :
BG3L3

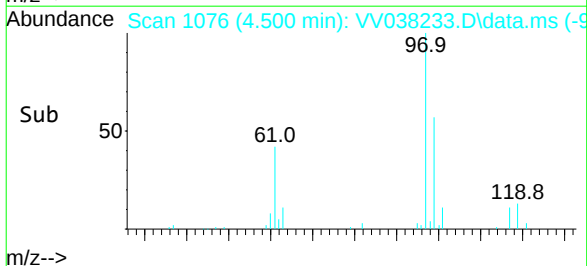
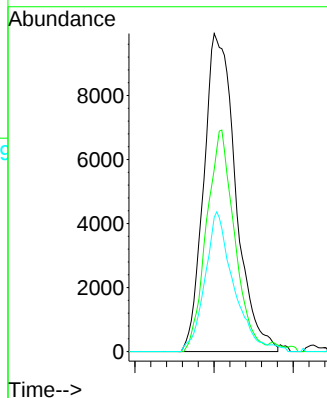
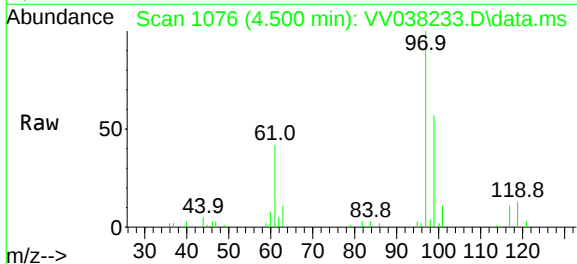


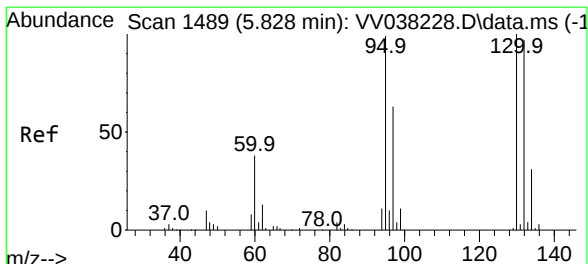
Tgt Ion	Ratio	Lower	Upper
96	100		
61	114.4	82.7	153.5
98	59.1	46.3	85.9



#29
1,1,1-Trichloroethane
Concen: 0.897 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038233.D
Acq: 21 Nov 2024 11:57

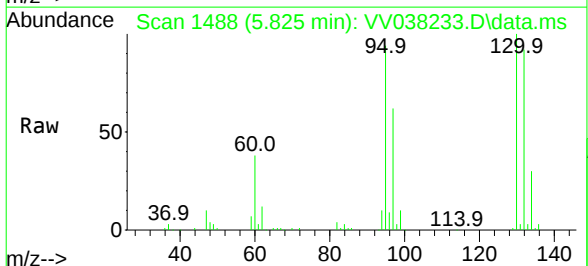
Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.4	51.8	77.8
61	39.7	32.2	48.2



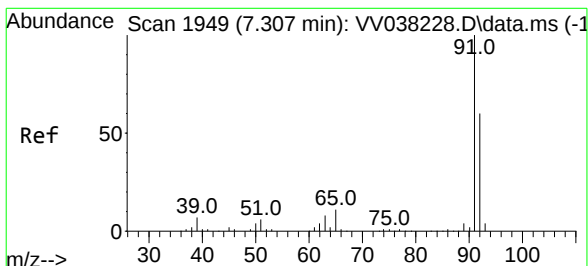
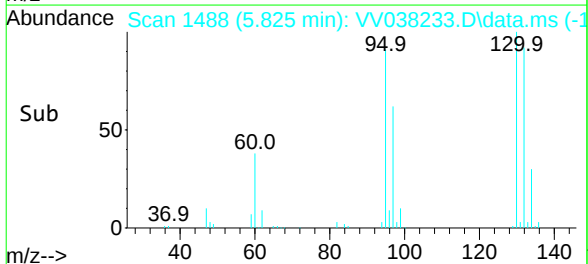
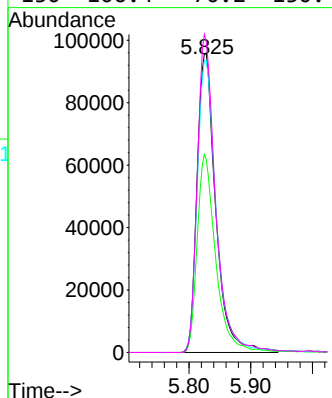


#34
 Trichloroethene
 Concen: 10.198 ug/L
 RT: 5.825 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VV038233.D
 Acq: 21 Nov 2024 11:57

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3L3

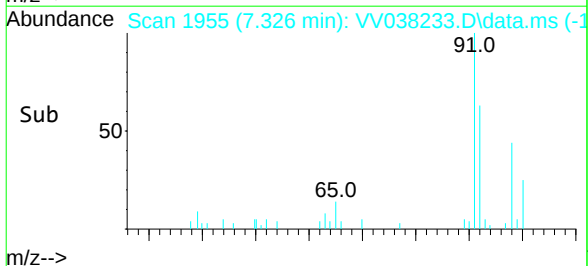
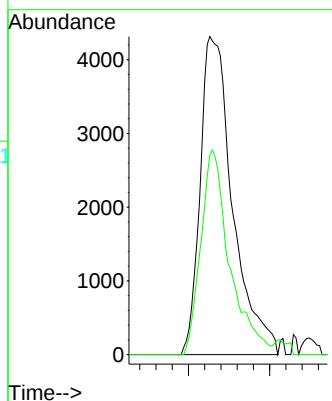
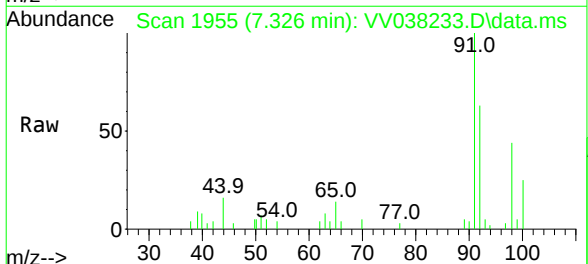


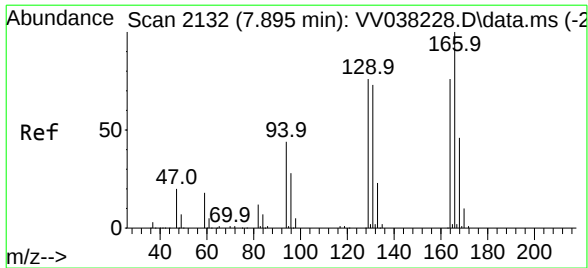
Tgt Ion:	95	Resp:	201342
Ion	Ratio	Lower	Upper
95	100		
97	66.2	44.8	83.2
132	97.6	68.3	126.8
130	106.4	70.2	130.4



#42
 Toluene
 Concen: 0.156 ug/L
 RT: 7.326 min Scan# 1955
 Delta R.T. 0.019 min
 Lab File: VV038233.D
 Acq: 21 Nov 2024 11:57

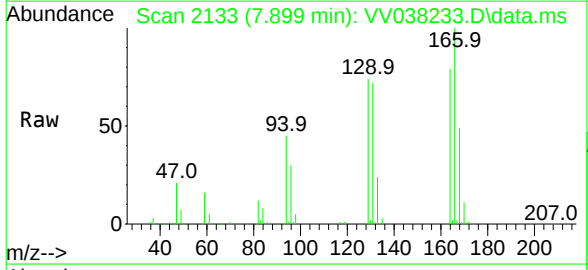
Tgt Ion:	91	Resp:	11972
Ion	Ratio	Lower	Upper
91	100		
92	62.7	40.8	75.8





#47
Tetrachloroethene
Concen: 7.293 ug/L
RT: 7.899 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038233.D
Acq: 21 Nov 2024 11:57

Instrument :
MSVOA_V
ClientSampleId :
BG3L3



Tgt Ion:	164	Resp:	115700
Ion	Ratio	Lower	Upper
164	100		
129	93.5	68.5	127.1
131	90.5	64.8	120.4
166	126.2	88.3	163.9

