

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038246.D
 Acq On : 21 Nov 2024 17:12
 Operator : SY/MD
 Sample : P4883-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K8

Quant Time: Nov 22 01:49:42 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)

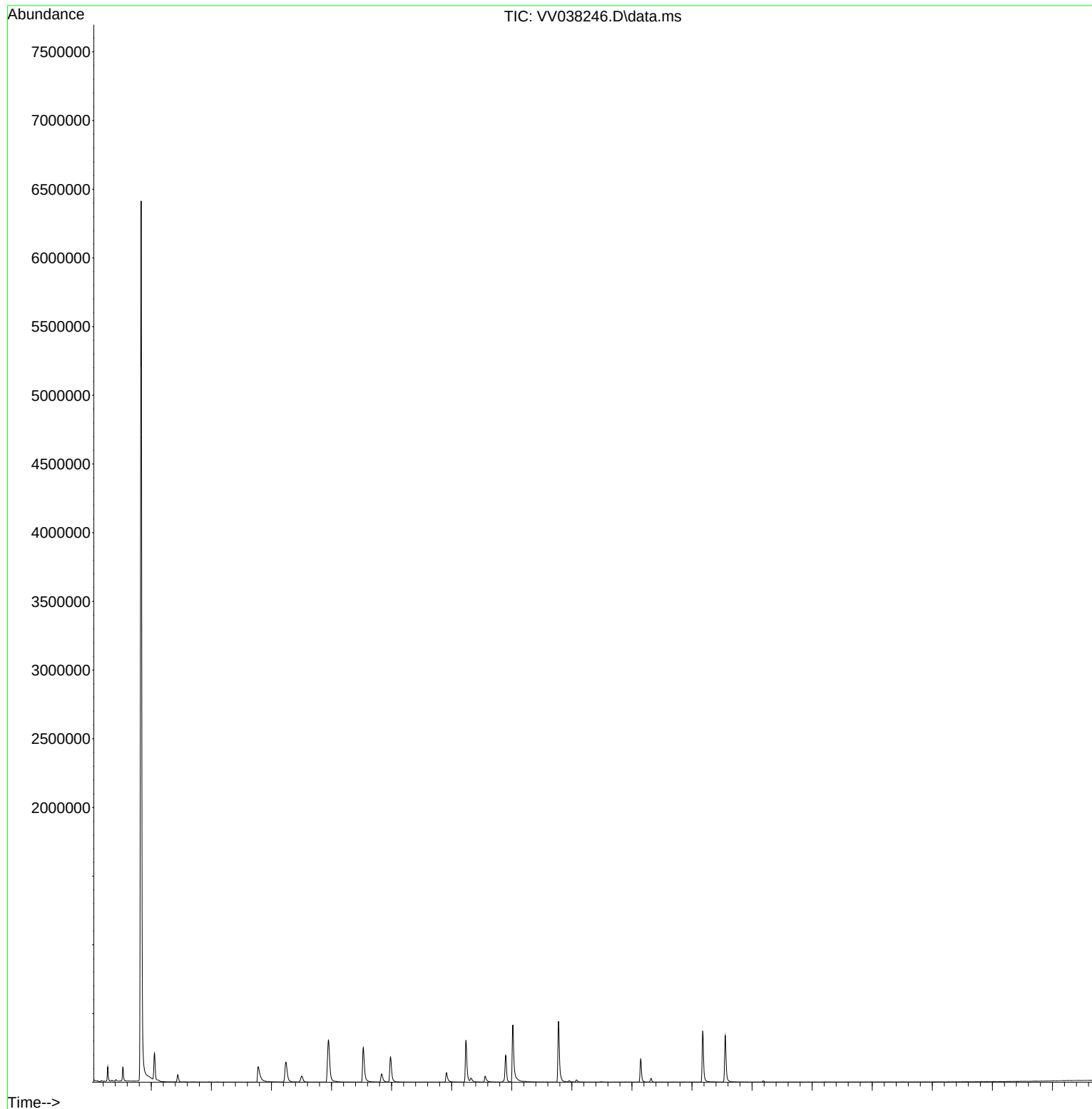
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	243049	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	264885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	105442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	67517	3.624	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.529	69	67353	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.053	65	31902	3.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	3.780	46	183281	49.180	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.360%
24) Chloroform-d	4.240	84	166767	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.937	65	82848	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	4.953	84	292595	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.982	67	96760	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.239	98	223454	3.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.555	79	32871	4.197	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.018	63	158073	51.920	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.840%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	85269	4.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	96311	5.361	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5438	0.298	ug/L	90
16) Methylene chloride	2.442	84	23730	1.199	ug/L	97
29) 1,1,1-Trichloroethane	4.506	97	38424	1.209	ug/L	98
34) Trichloroethene	5.834	95	24602	1.213	ug/L	97
42) Toluene	7.323	91	23055	0.293	ug/L	94
47) Tetrachloroethene	7.899	164	46396	2.847	ug/L	98
51) Chlorobenzene	8.818	112	13152	0.242	ug/L	91
53) m,p-Xylene	9.079	106	5816	0.184	ug/L	91
67) 1,2-Dichlorobenzene	11.574	146	5752	0.191	ug/L	93

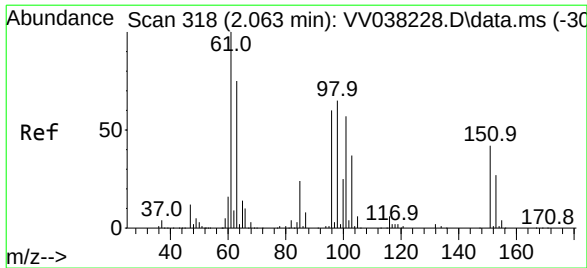
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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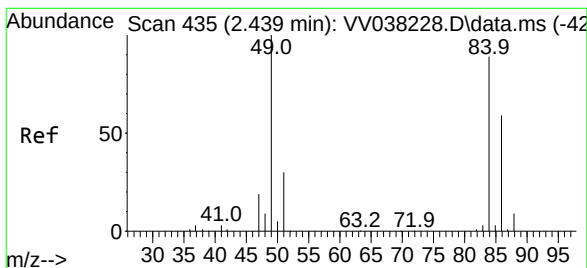
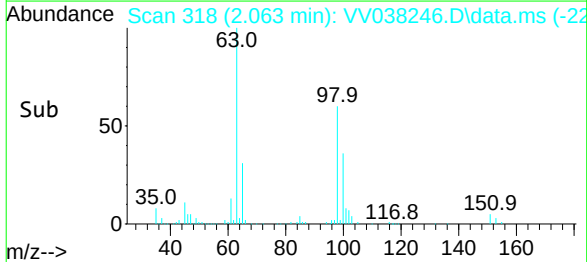
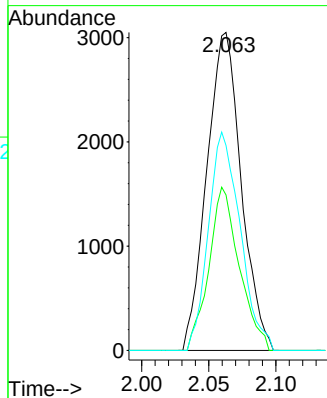
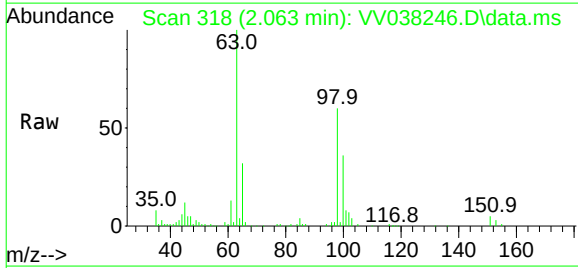




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.298 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038246.D
Acq: 21 Nov 2024 17:12

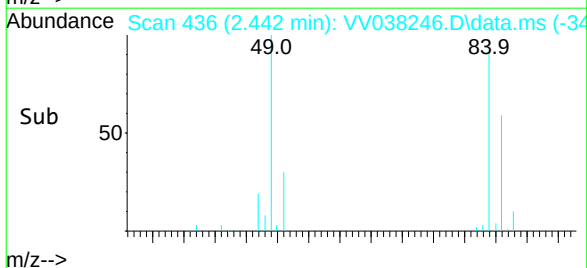
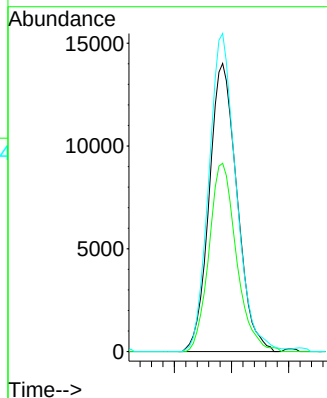
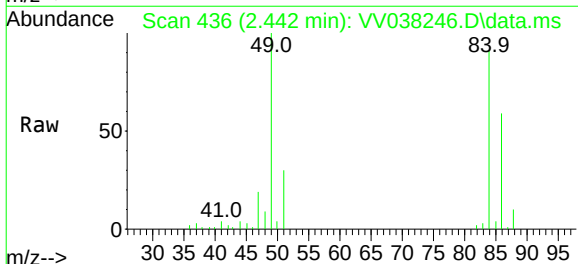
Instrument :
MSVOA_V
ClientSampleId :
BG3K8

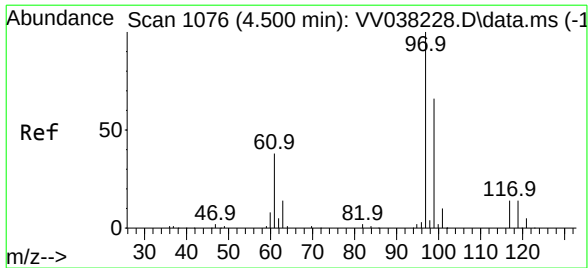
Tgt Ion:	101	Resp:	5438
Ion	Ratio	Lower	Upper
101	100		
85	45.4	33.4	50.0
151	63.5	58.8	88.2



#16
Methylene chloride
Concen: 1.199 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038246.D
Acq: 21 Nov 2024 17:12

Tgt Ion:	84	Resp:	23730
Ion	Ratio	Lower	Upper
84	100		
86	65.4	44.2	82.2
49	110.4	74.9	139.1

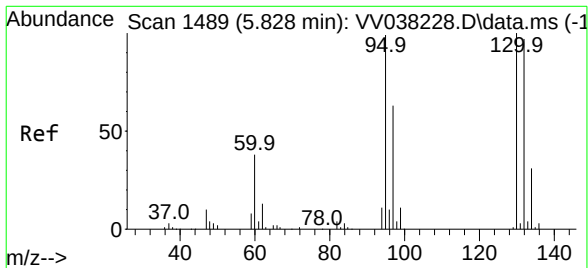
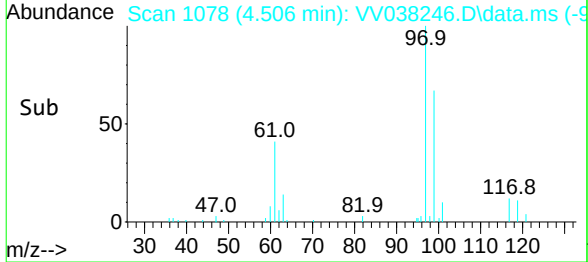
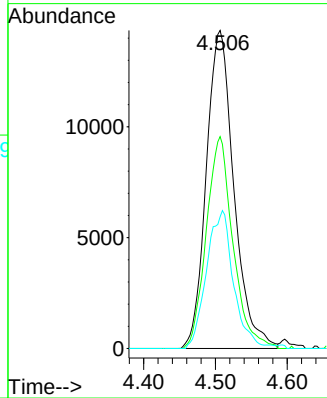
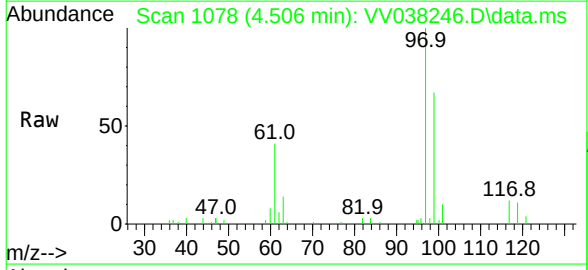




#29
1,1,1-Trichloroethane
Concen: 1.209 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038246.D
Acq: 21 Nov 2024 17:12

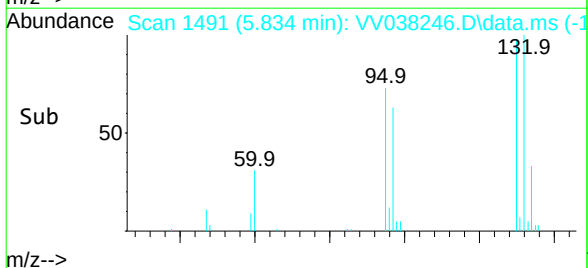
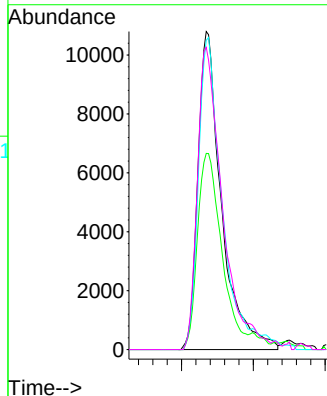
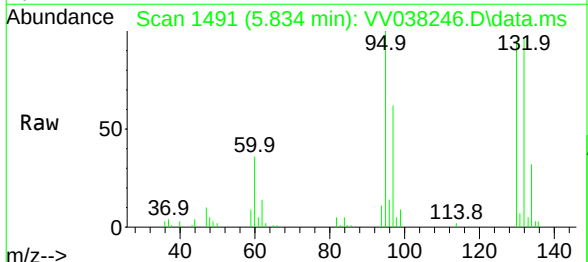
Instrument :
MSVOA_V
ClientSampleId :
BG3K8

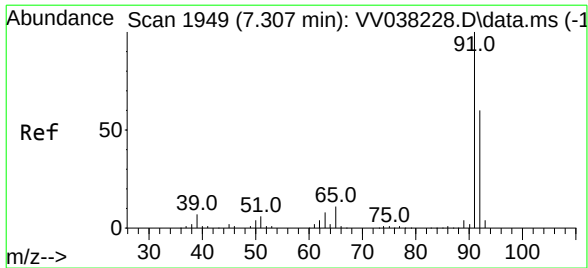
Tgt Ion:	97	Resp:	38424
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	42.3	32.2	48.2



#34
Trichloroethene
Concen: 1.213 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV038246.D
Acq: 21 Nov 2024 17:12

Tgt Ion:	95	Resp:	24602
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.8	83.2
132	97.2	68.3	126.8
130	95.0	70.2	130.4





#42

Toluene

Concen: 0.293 ug/L

RT: 7.323 min Scan# 19

Delta R.T. 0.016 min

Lab File: VV038246.D

Acq: 21 Nov 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

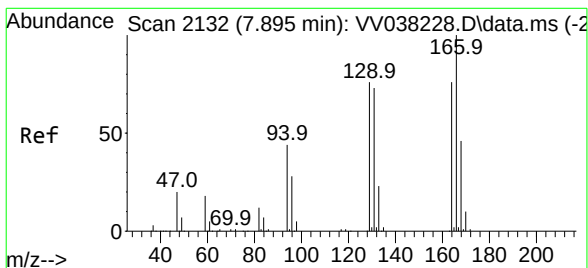
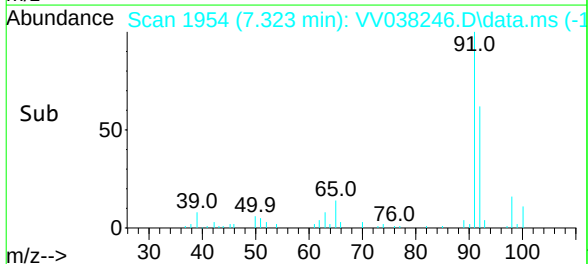
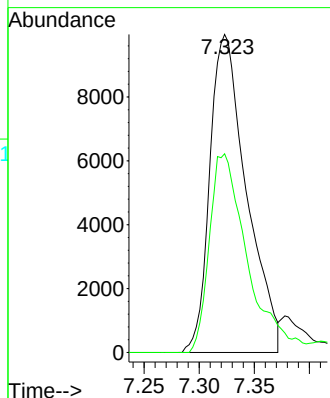
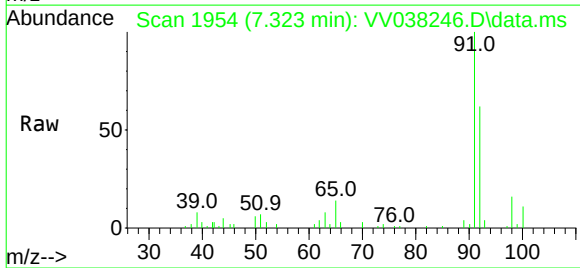
BG3K8

Tgt Ion: 91 Resp: 23055

Ion Ratio Lower Upper

91 100

92 62.5 40.8 75.8



#47

Tetrachloroethene

Concen: 2.847 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038246.D

Acq: 21 Nov 2024 17:12

Tgt Ion: 164 Resp: 46396

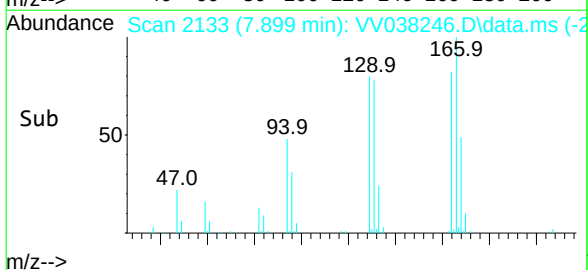
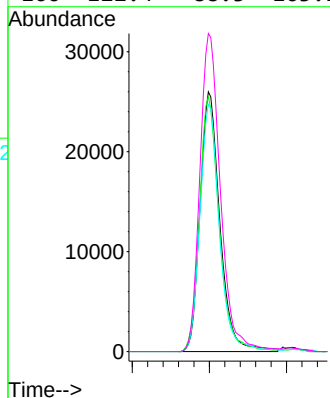
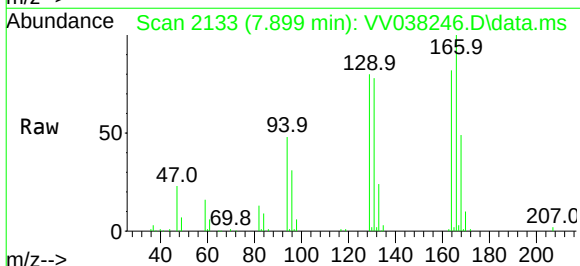
Ion Ratio Lower Upper

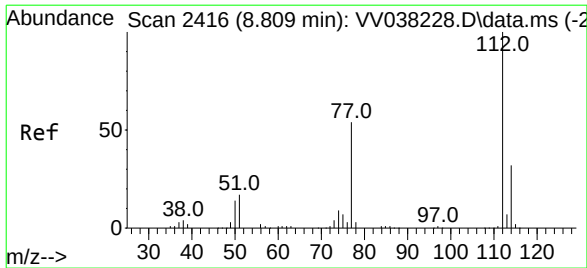
164 100

129 98.0 68.5 127.1

131 95.2 64.8 120.4

166 122.4 88.3 163.9





#51

Chlorobenzene

Concen: 0.242 ug/L

RT: 8.818 min Scan# 2416

Delta R.T. 0.010 min

Lab File: VV038246.D

Acq: 21 Nov 2024 17:12

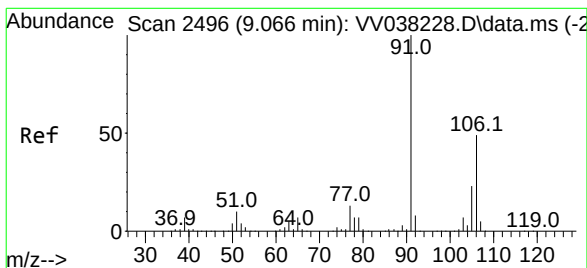
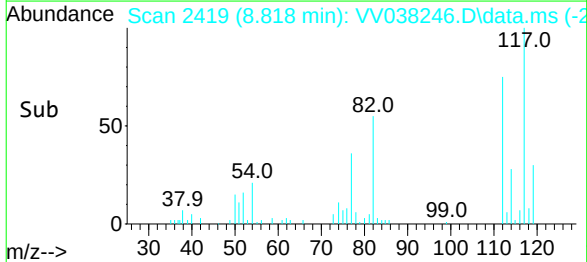
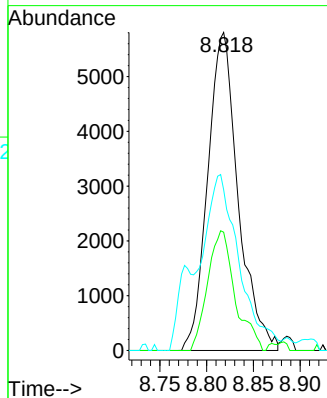
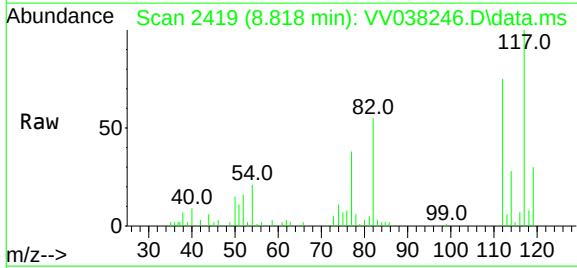
Instrument :

MSVOA_V

ClientSampleId :

BG3K8

Tgt Ion:	112	Resp:	13152
Ion Ratio	Lower	Upper	
112	100		
114	37.2	22.0	40.8
77	50.5	45.0	67.4



#53

m,p-Xylene

Concen: 0.184 ug/L

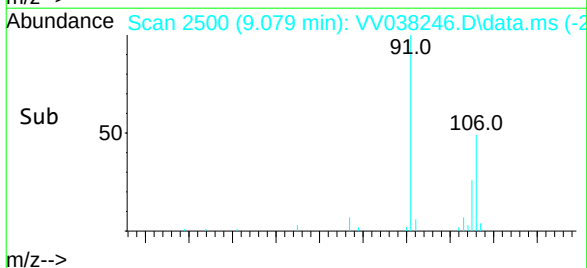
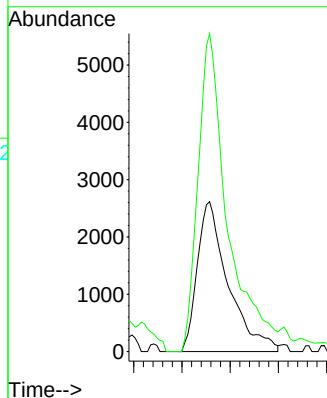
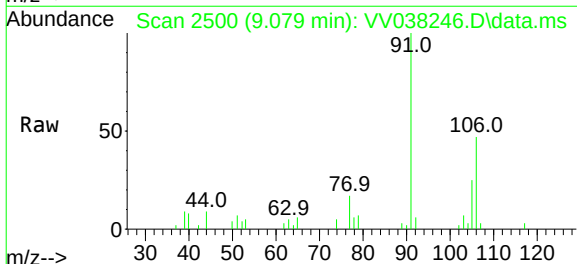
RT: 9.079 min Scan# 2500

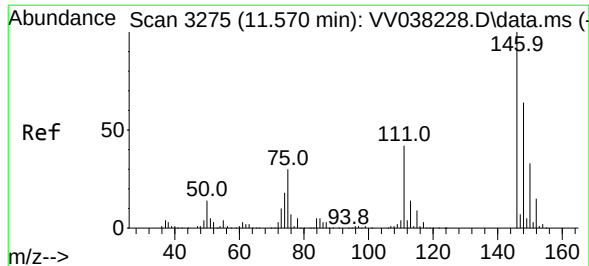
Delta R.T. 0.013 min

Lab File: VV038246.D

Acq: 21 Nov 2024 17:12

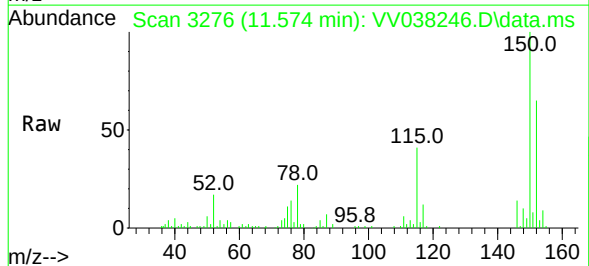
Tgt Ion:	106	Resp:	5816
Ion Ratio	Lower	Upper	
106	100		
91	212.2	138.7	257.5





#67
 1,2-Dichlorobenzene
 Concen: 0.191 ug/L
 RT: 11.574 min Scan# 32
 Delta R.T. 0.003 min
 Lab File: VV038246.D
 Acq: 21 Nov 2024 17:12

Instrument :
 MSVOA_V
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Tgt Ion:	146	Resp:	5752
Ion	Ratio	Lower	Upper
146	100		
111	40.8	34.2	51.2
148	70.8	51.0	76.4

