

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038219.D
 Acq On : 20 Nov 2024 16:46
 Operator : SY/MD
 Sample : P4883-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K3

Quant Time: Nov 21 01:51:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

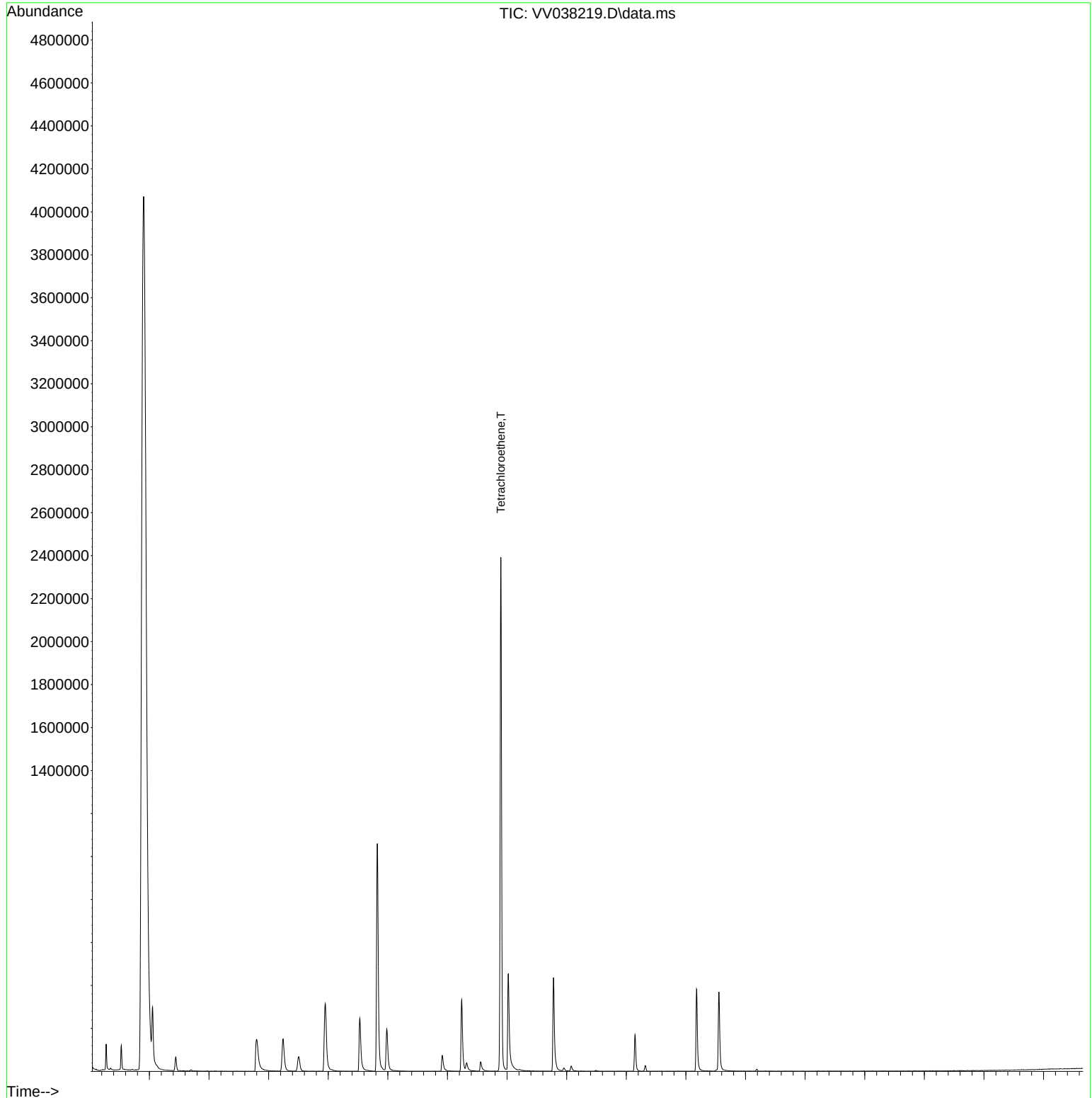
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	235738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	257704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	112774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	75626	4.185	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.529	69	72740	4.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.053	65	34132	4.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.789	46	198572	54.936	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.880%
24) Chloroform-d	4.243	84	169995	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.937	65	84908	5.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	4.953	84	304284	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.982	67	103538	5.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.239	98	243087	3.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.558	79	32358	4.247	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.021	63	180601	60.973	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.940%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88326	5.077	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	103651	5.394	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds	Qvalue					
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9232	0.522	ug/L	96
16) Methylene chloride	2.442	84	28928	1.507	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	41745	2.276	ug/L	98
29) 1,1,1-Trichloroethane	4.506	97	61158	1.979	ug/L	97
34) Trichloroethene	5.825	95	393566	19.945	ug/L	99
42) Toluene	7.320	91	33531	0.437	ug/L	98
47) Tetrachloroethene	7.895	164	535920	33.798	ug/L	99
51) Chlorobenzene	8.818	112	17856	0.338	ug/L	91
52) Ethylbenzene	8.950	91	12234	0.150	ug/L	96
53) m,p-Xylene	9.079	106	7997	0.261	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	8872	0.275	ug/L	98

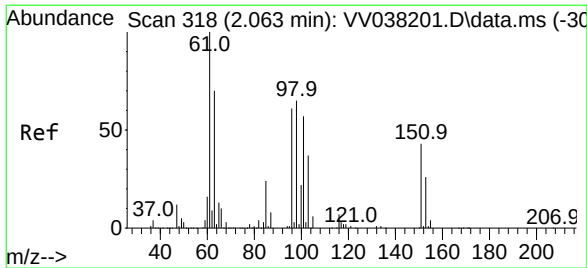
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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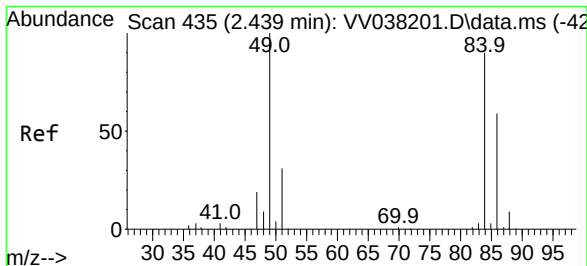
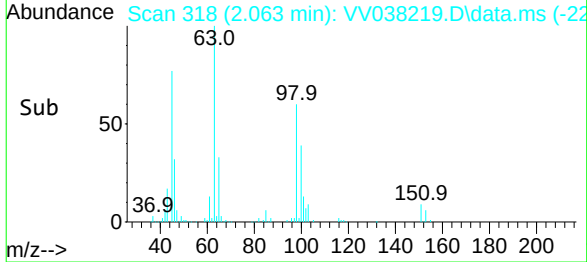
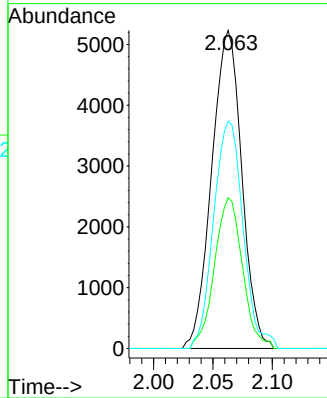
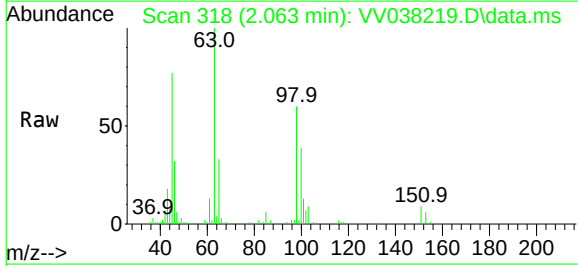




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.522 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

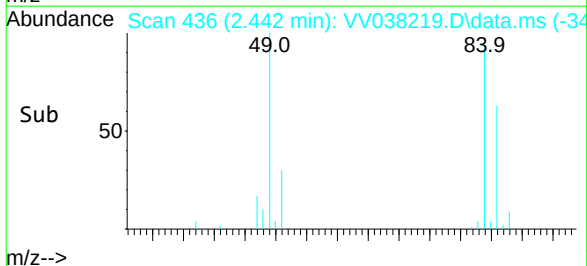
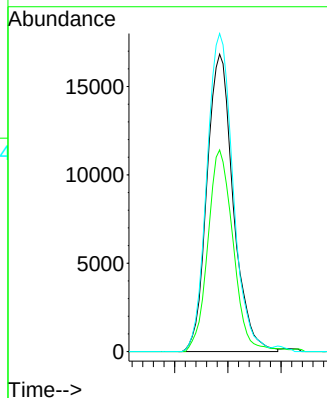
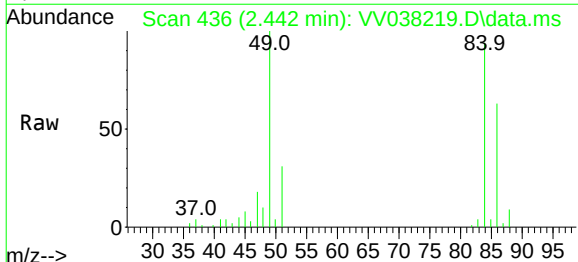
Instrument :
MSVOA_V
ClientSampleId :
BG3K3

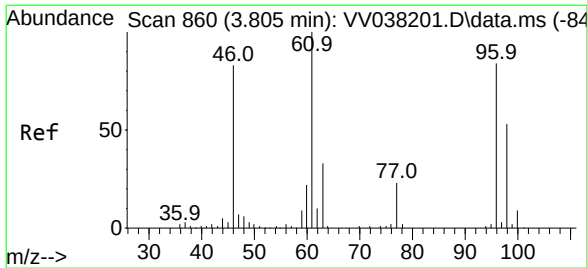
Tgt Ion:	101	Resp:	9232
Ion	Ratio	Lower	Upper
101	100		
85	44.2	33.4	50.0
151	70.1	58.8	88.2



#16
Methylene chloride
Concen: 1.507 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

Tgt Ion:	84	Resp:	28928
Ion	Ratio	Lower	Upper
84	100		
86	67.8	44.2	82.2
49	106.9	74.9	139.1

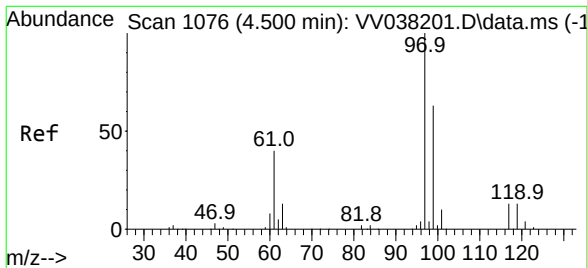
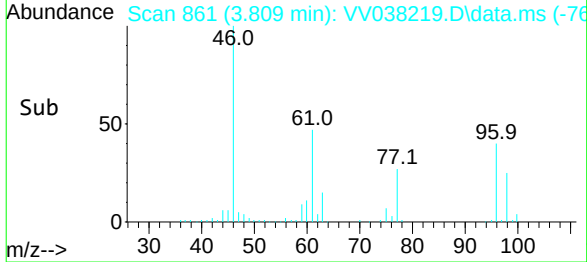
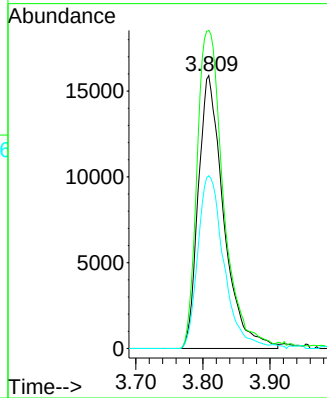
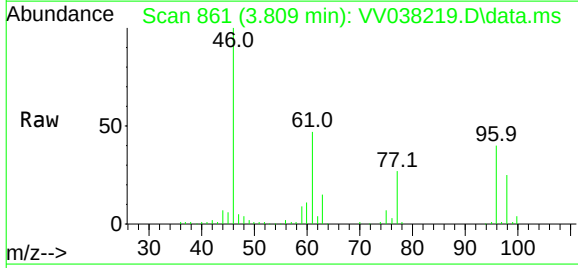




#22
 cis-1,2-Dichloroethene
 Concen: 2.276 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038219.D
 Acq: 20 Nov 2024 16:46

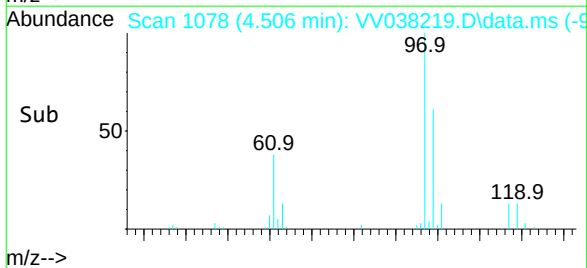
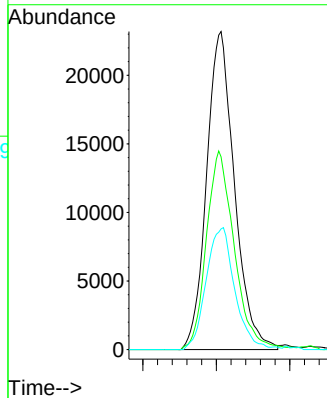
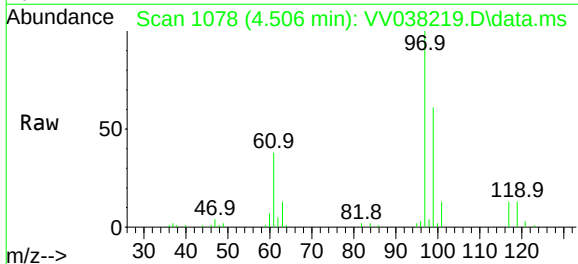
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K3

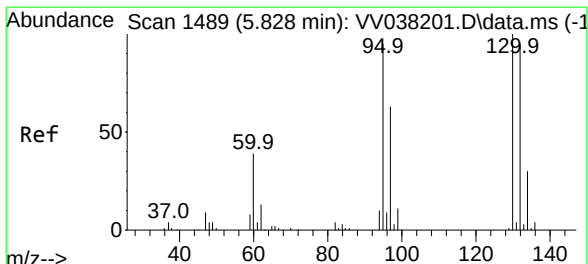
Tgt Ion:	96	Resp:	41745
Ion	Ratio	Lower	Upper
96	100		
61	116.6	82.7	153.5
98	63.3	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 1.979 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VV038219.D
 Acq: 20 Nov 2024 16:46

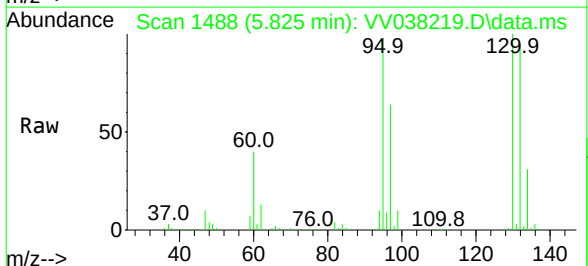
Tgt Ion:	97	Resp:	61158
Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.8	77.8
61	39.1	32.2	48.2



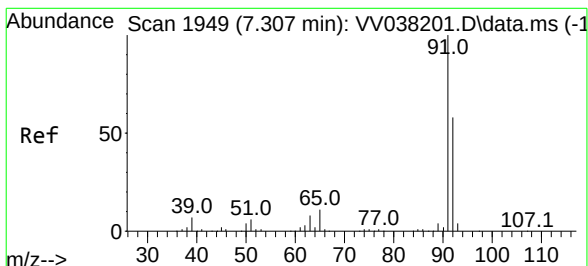
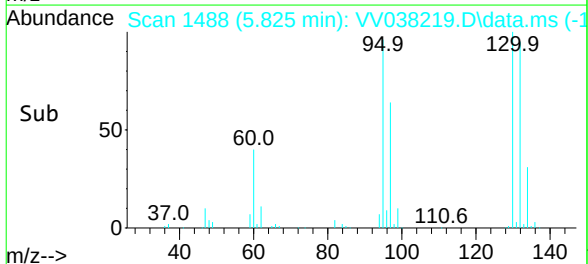
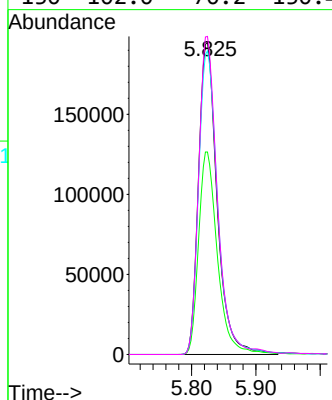


#34
 Trichloroethene
 Concen: 19.945 ug/L
 RT: 5.825 min Scan# 1488
 Delta R.T. -0.003 min
 Lab File: VV038219.D
 Acq: 20 Nov 2024 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K3

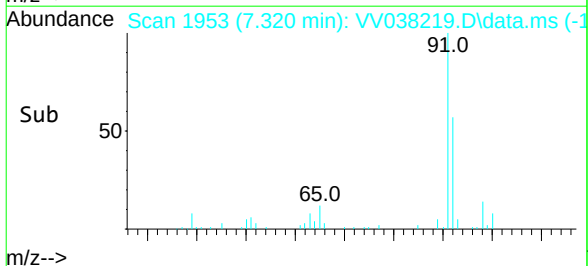
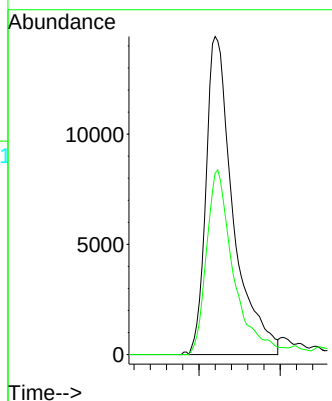
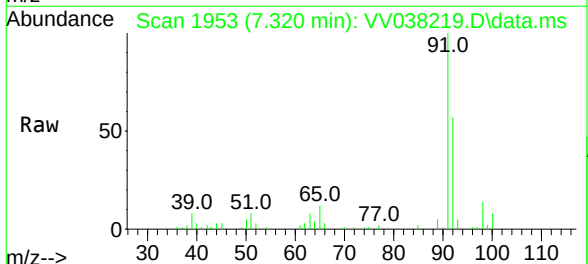


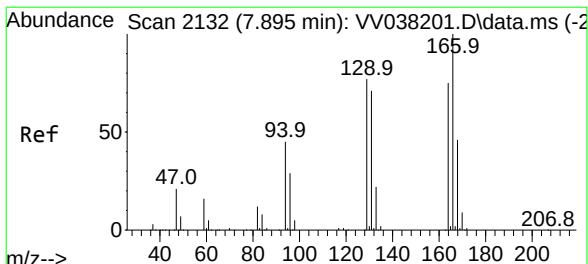
Tgt Ion	95	Resp	393566
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.8	83.2
132	97.3	68.3	126.8
130	102.0	70.2	130.4



#42
 Toluene
 Concen: 0.437 ug/L
 RT: 7.320 min Scan# 1953
 Delta R.T. 0.013 min
 Lab File: VV038219.D
 Acq: 20 Nov 2024 16:46

Tgt Ion	91	Resp	33531
Ion	Ratio	Lower	Upper
91	100		
92	57.0	40.8	75.8

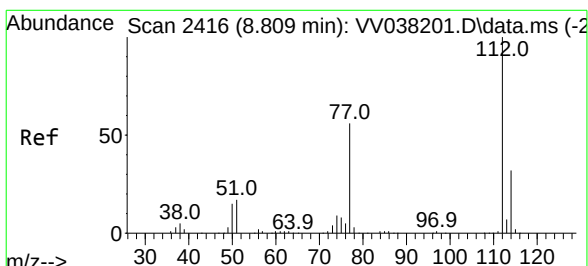
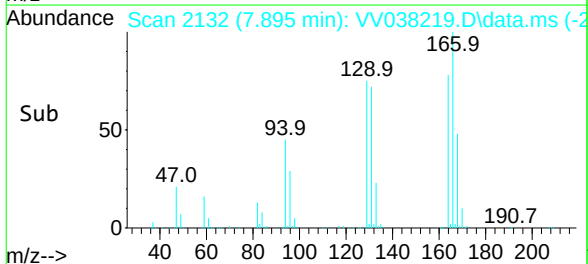
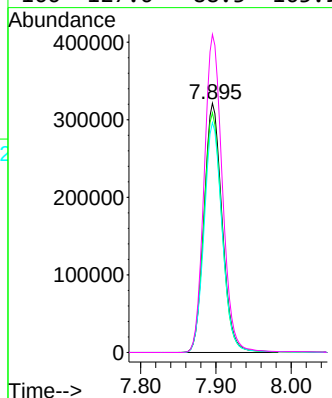
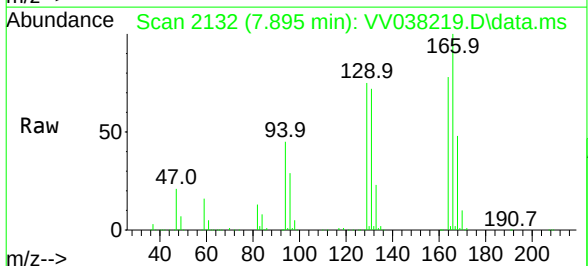




#47
Tetrachloroethene
Concen: 33.798 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

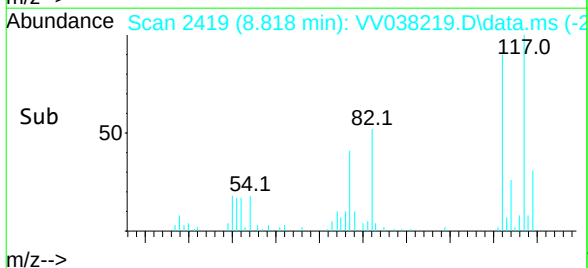
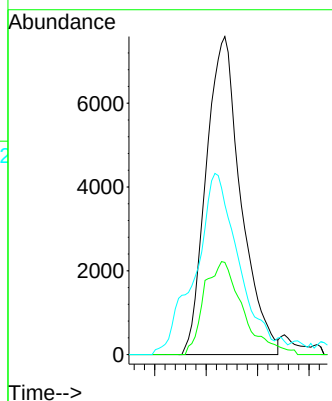
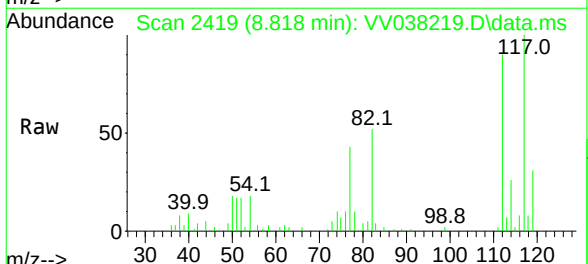
Instrument :
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ClientSampleId :
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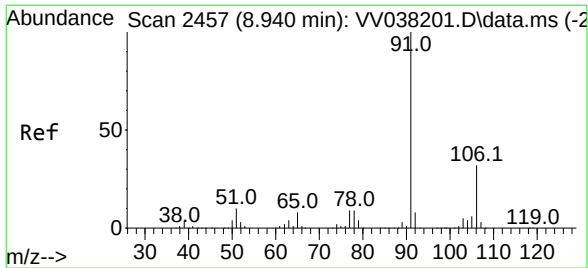
Tgt Ion:	164	Resp:	535920
Ion Ratio	Lower	Upper	
164	100		
129	96.2	68.5	127.1
131	92.3	64.8	120.4
166	127.6	88.3	163.9



#51
Chlorobenzene
Concen: 0.338 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

Tgt Ion:	112	Resp:	17856
Ion Ratio	Lower	Upper	
112	100		
114	29.0	22.0	40.8
77	47.2	45.0	67.4

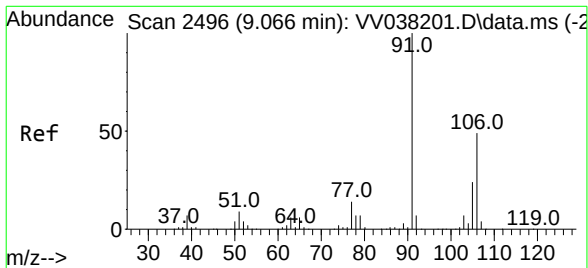
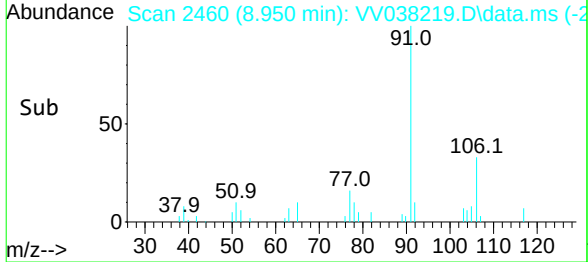
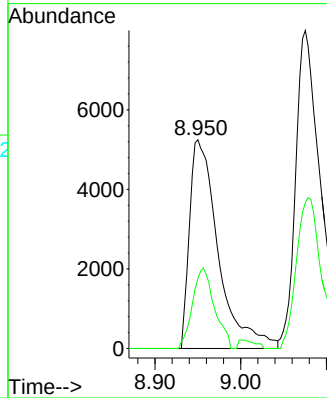
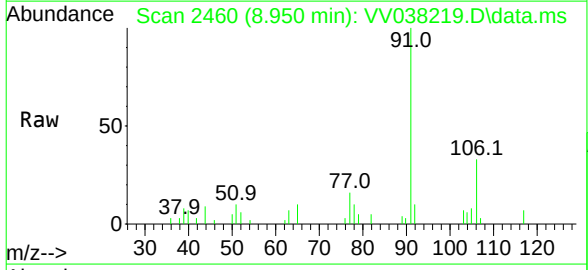




#52
Ethylbenzene
Concen: 0.150 ug/L
RT: 8.950 min Scan# 2457
Delta R.T. 0.010 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

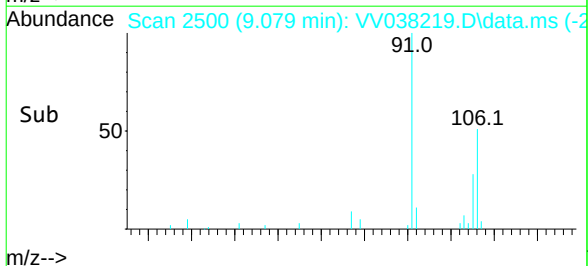
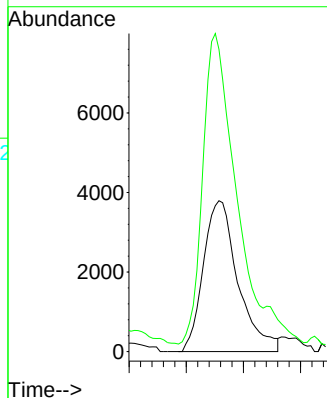
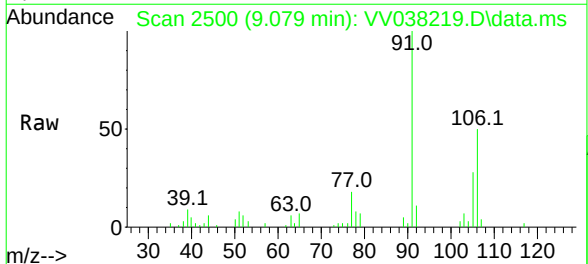
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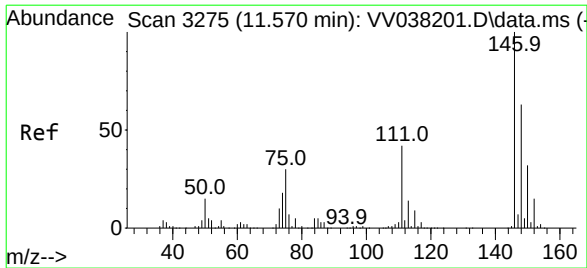
Tgt Ion: 91 Resp: 12234
Ion Ratio Lower Upper
91 100
106 33.4 21.8 40.4



#53
m,p-Xylene
Concen: 0.261 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

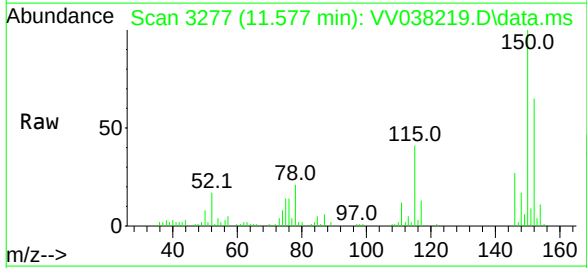
Tgt Ion: 106 Resp: 7997
Ion Ratio Lower Upper
106 100
91 200.3 138.7 257.5





#67
1,2-Dichlorobenzene
Concen: 0.275 ug/L
RT: 11.577 min Scan# 32
Delta R.T. 0.006 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

Instrument :
MSVOA_V
ClientSampleId :
BG3K3



Tgt Ion:	146	Resp:	8872
Ion	Ratio	Lower	Upper
146	100		
111	44.5	34.2	51.2
148	62.9	51.0	76.4

