

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038221.D
 Acq On : 20 Nov 2024 17:34
 Operator : SY/MD
 Sample : P4883-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K5

Quant Time: Nov 21 01:52:13 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)

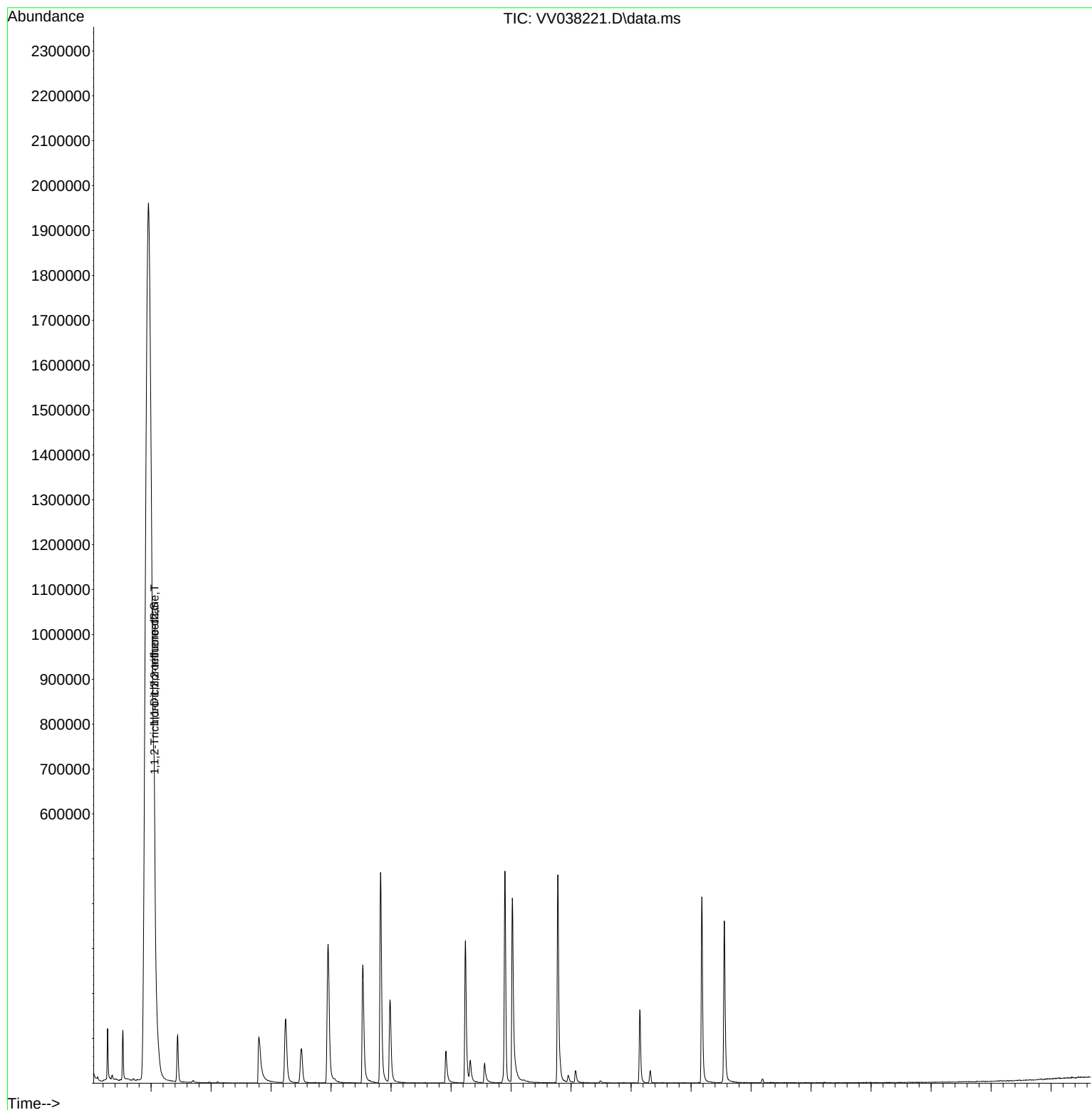
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	246166	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	274734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	121110	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	72683	3.852	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.529	69	68945	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.053	65	32708	4.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.796	46	181971	48.210	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.420%
24) Chloroform-d	4.243	84	166070	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.937	65	82694	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.953	84	291957	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	5.982	67	98134	4.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.240	98	232349	3.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	7.558	79	32838	4.042	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.021	63	162111	51.338	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.680%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	82936	4.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	102387	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	7948	0.431	ug/L	89
16) Methylene chloride	2.442	84	45621	2.275	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	6067	0.317	ug/L	92
29) 1,1,1-Trichloroethane	4.503	97	67982	2.063	ug/L	98
34) Trichloroethene	5.825	95	176160	8.374	ug/L	98
42) Toluene	7.320	91	41876	0.512	ug/L	100
47) Tetrachloroethene	7.899	164	112029	6.627	ug/L	97
51) Chlorobenzene	8.812	112	21940	0.390	ug/L	95
52) Ethylbenzene	8.953	91	13566	0.156	ug/L	100
53) m,p-Xylene	9.075	106	9162	0.280	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	10388	0.300	ug/L	97

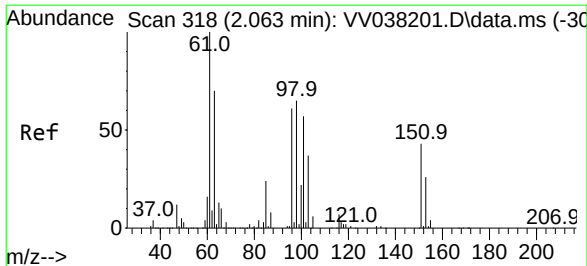
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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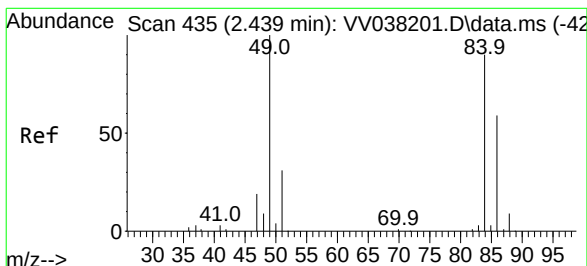
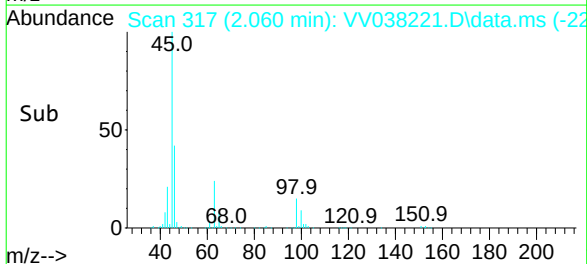
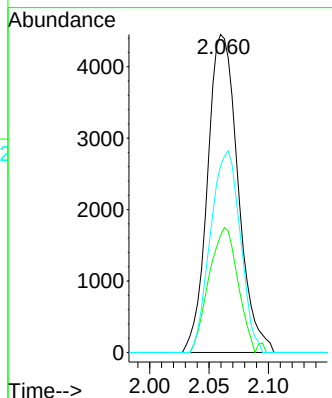
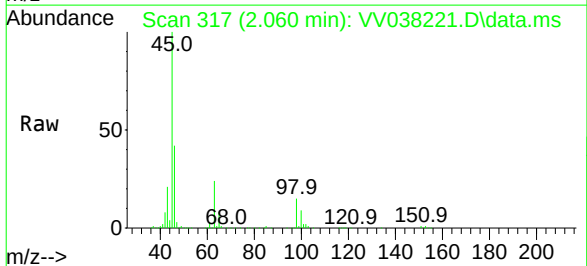




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.431 ug/L
RT: 2.060 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038221.D
Acq: 20 Nov 2024 17:34

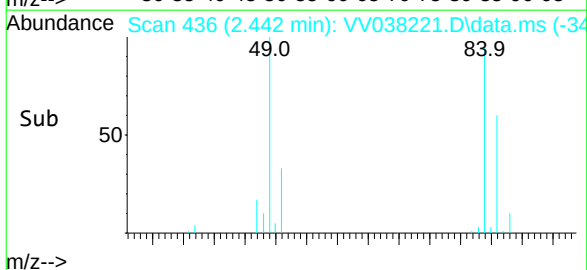
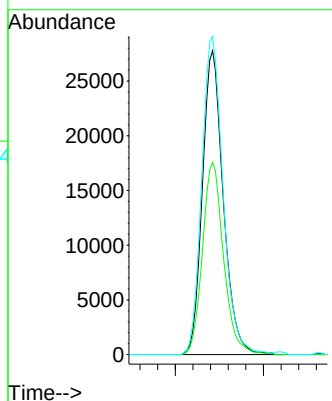
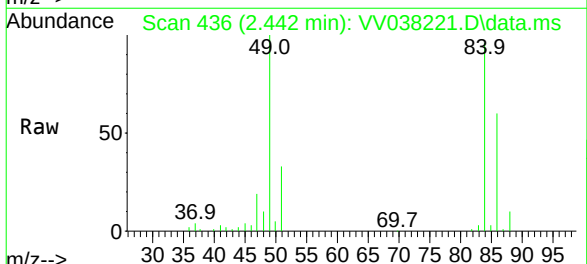
Instrument :
MSVOA_V
ClientSampleId :
BG3K5

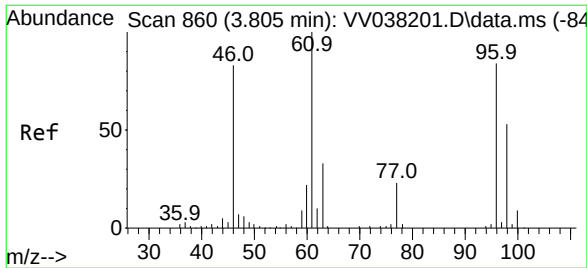
Tgt Ion: 101 Resp: 7948
Ion Ratio Lower Upper
101 100
85 37.1 33.4 50.0
151 61.8 58.8 88.2



#16
Methylene chloride
Concen: 2.275 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038221.D
Acq: 20 Nov 2024 17:34

Tgt Ion: 84 Resp: 45621
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 104.7 74.9 139.1

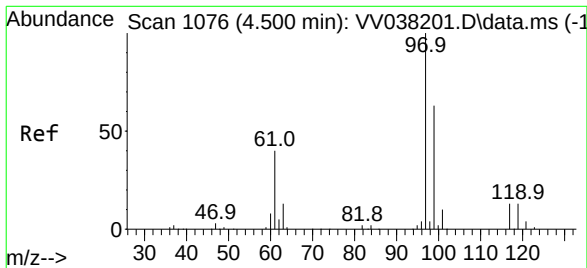
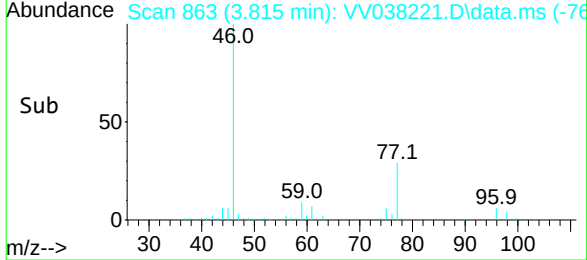
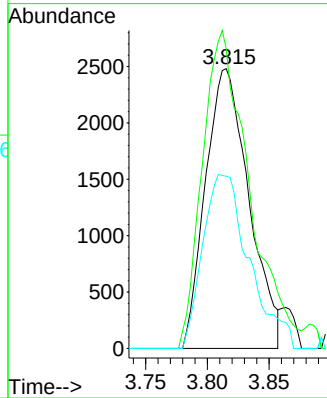
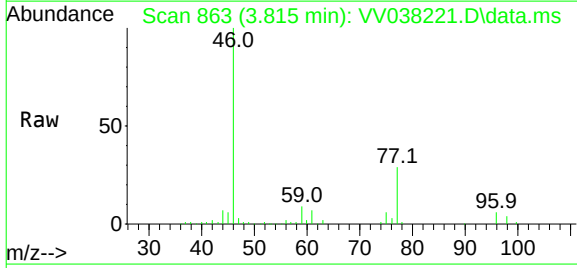




#22
cis-1,2-Dichloroethene
Concen: 0.317 ug/L
RT: 3.815 min Scan# 860
Delta R.T. 0.010 min
Lab File: VV038221.D
Acq: 20 Nov 2024 17:34

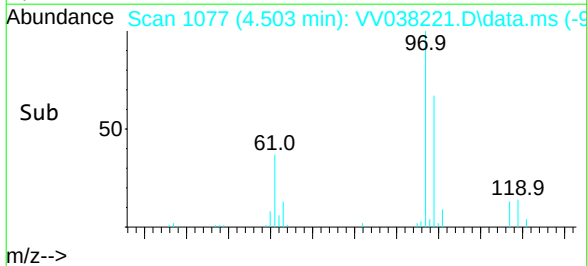
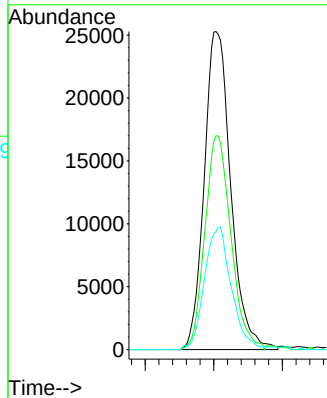
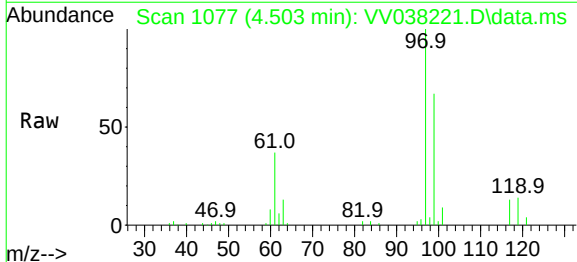
Instrument :
MSVOA_V
ClientSampleId :
BG3K5

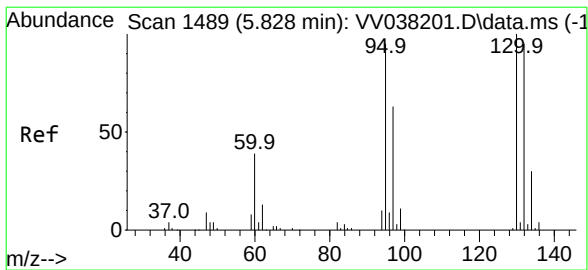
Tgt Ion: 96	Resp: 6067
Ion Ratio	Lower Upper
96 100	
61 107.1	82.7 153.5
98 61.5	46.3 85.9



#29
1,1,1-Trichloroethane
Concen: 2.063 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038221.D
Acq: 20 Nov 2024 17:34

Tgt Ion: 97	Resp: 67982
Ion Ratio	Lower Upper
97 100	
99 65.9	51.8 77.8
61 38.9	32.2 48.2

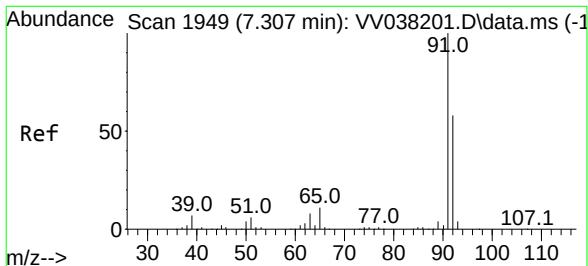
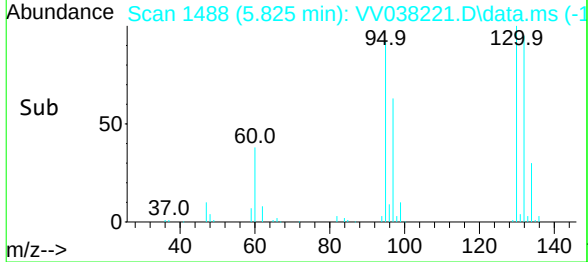
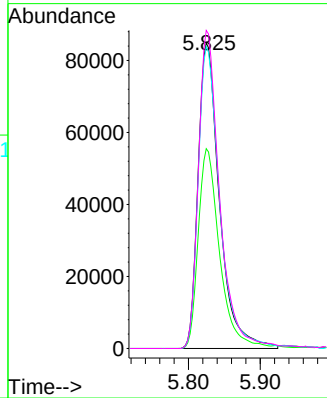
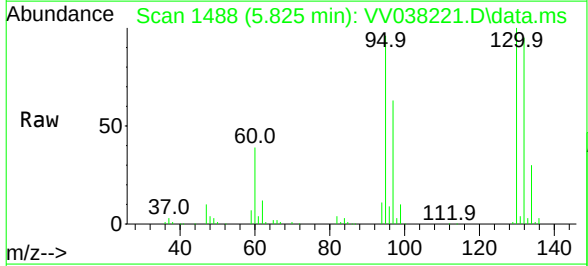




#34
 Trichloroethene
 Concen: 8.374 ug/L
 RT: 5.825 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VV038221.D
 Acq: 20 Nov 2024 17:34

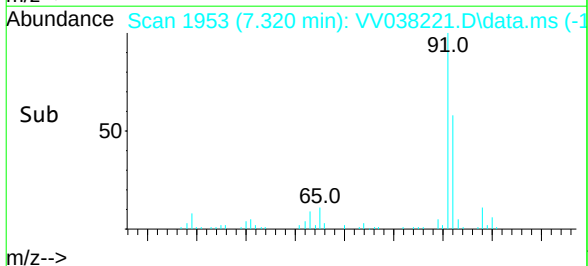
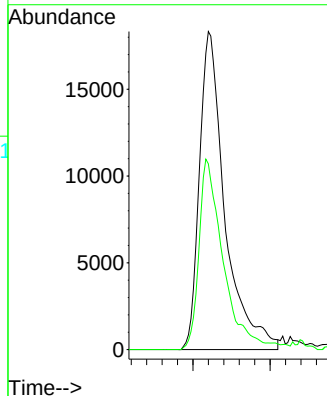
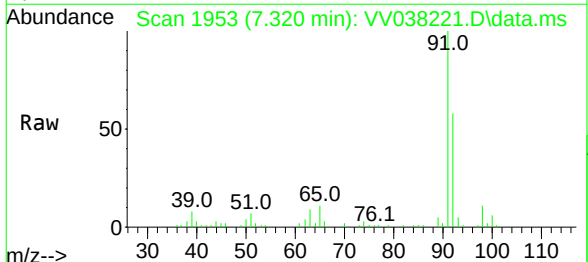
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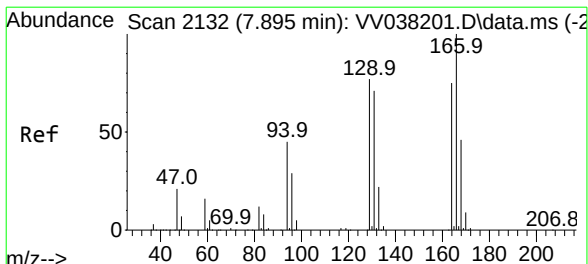
Tgt Ion:	95	Resp:	176160
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.8	83.2
132	98.8	68.3	126.8
130	104.0	70.2	130.4



#42
 Toluene
 Concen: 0.512 ug/L
 RT: 7.320 min Scan# 1953
 Delta R.T. 0.013 min
 Lab File: VV038221.D
 Acq: 20 Nov 2024 17:34

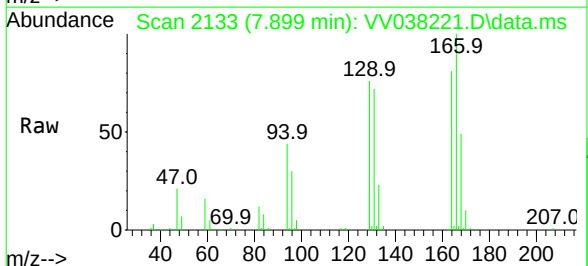
Tgt Ion:	91	Resp:	41876
Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.8	75.8





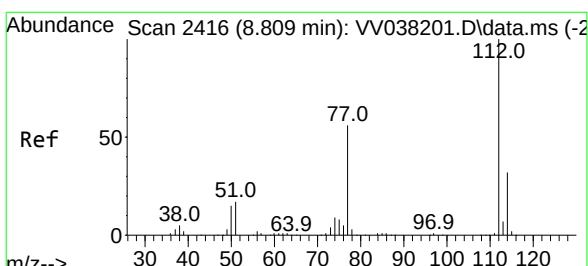
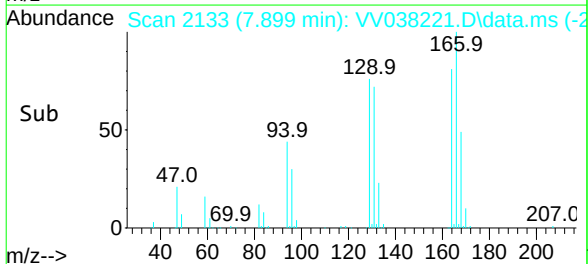
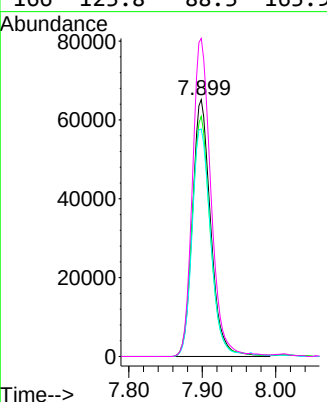
#47
Tetrachloroethene
 Concen: 6.627 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV038221.D
 Acq: 20 Nov 2024 17:34

Instrument :
 MSVOA_V
ClientSampleId :
 BG3K5



Tgt Ion: 164 Resp: 112029

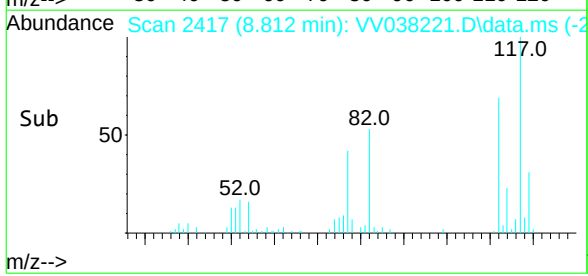
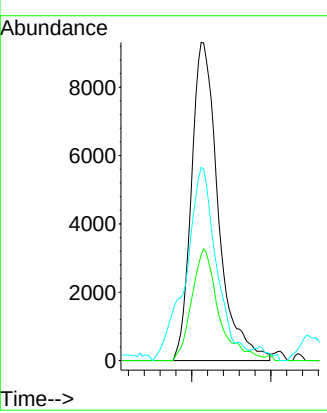
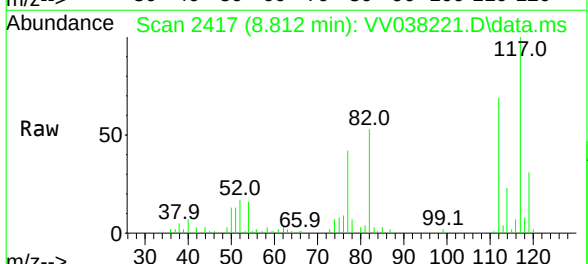
Ion	Ratio	Lower	Upper
164	100		
129	93.5	68.5	127.1
131	88.6	64.8	120.4
166	123.8	88.3	163.9

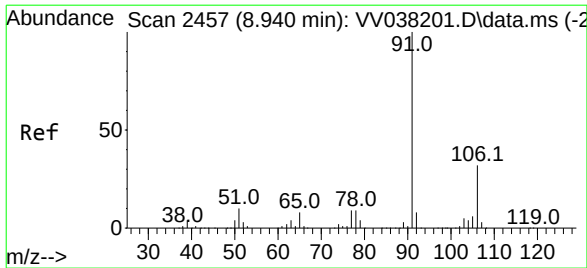


#51
Chlorobenzene
 Concen: 0.390 ug/L
 RT: 8.812 min Scan# 2417
 Delta R.T. 0.003 min
 Lab File: VV038221.D
 Acq: 20 Nov 2024 17:34

Tgt Ion: 112 Resp: 21940

Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.0	40.8
77	60.7	45.0	67.4

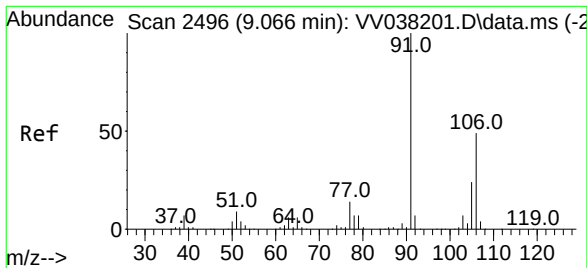
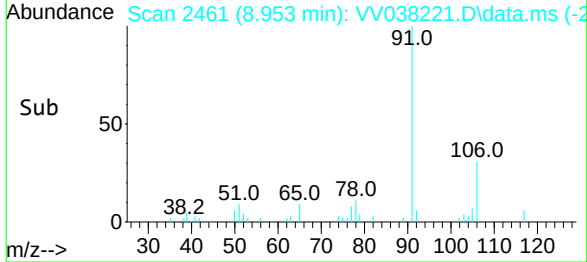
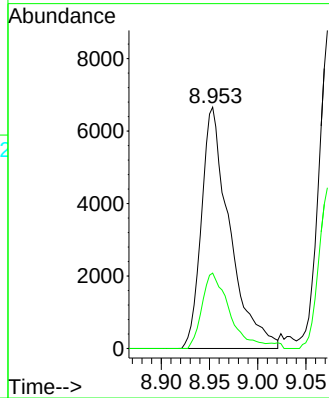
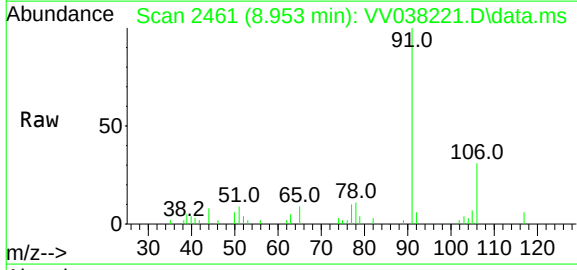




#52
Ethylbenzene
Concen: 0.156 ug/L
RT: 8.953 min Scan# 2457
Delta R.T. 0.013 min
Lab File: VV038221.D
Acq: 20 Nov 2024 17:34

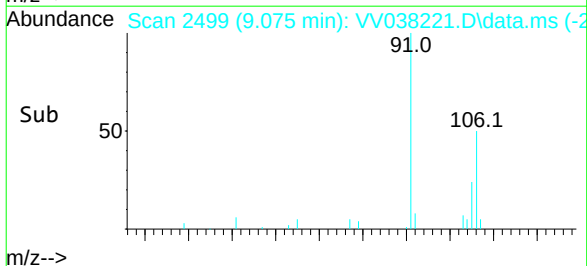
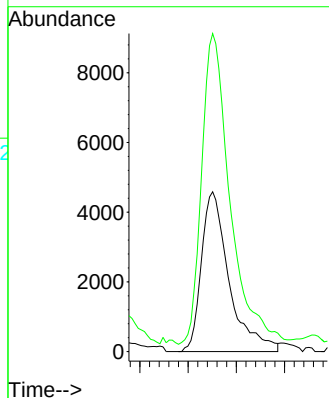
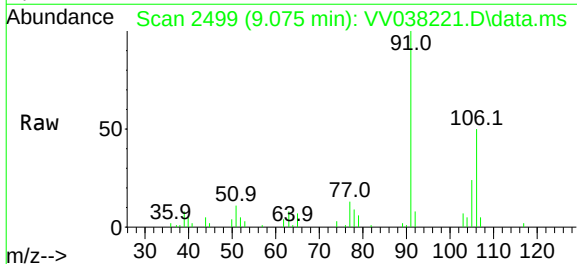
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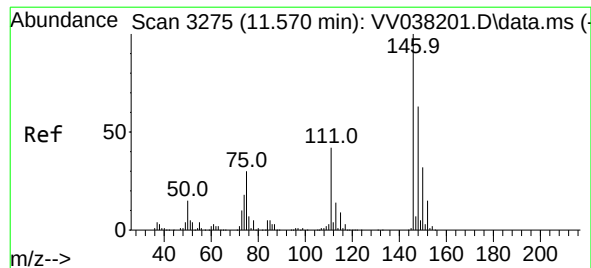
Tgt Ion: 91 Resp: 13566
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 0.280 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VV038221.D
Acq: 20 Nov 2024 17:34

Tgt Ion: 106 Resp: 9162
Ion Ratio Lower Upper
106 100
91 199.1 138.7 257.5





#67
 1,2-Dichlorobenzene
 Concen: 0.300 ug/L
 RT: 11.574 min Scan# 32
 Delta R.T. 0.003 min
 Lab File: VV038221.D
 Acq: 20 Nov 2024 17:34

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	146	Resp:	10388
Ion	Ratio	Lower	Upper
146	100		
111	47.5	34.2	51.2
148	63.3	51.0	76.4

