

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038220.D
 Acq On : 20 Nov 2024 17:10
 Operator : SY/MD
 Sample : P4883-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K4

Quant Time: Nov 21 01:51:47 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)

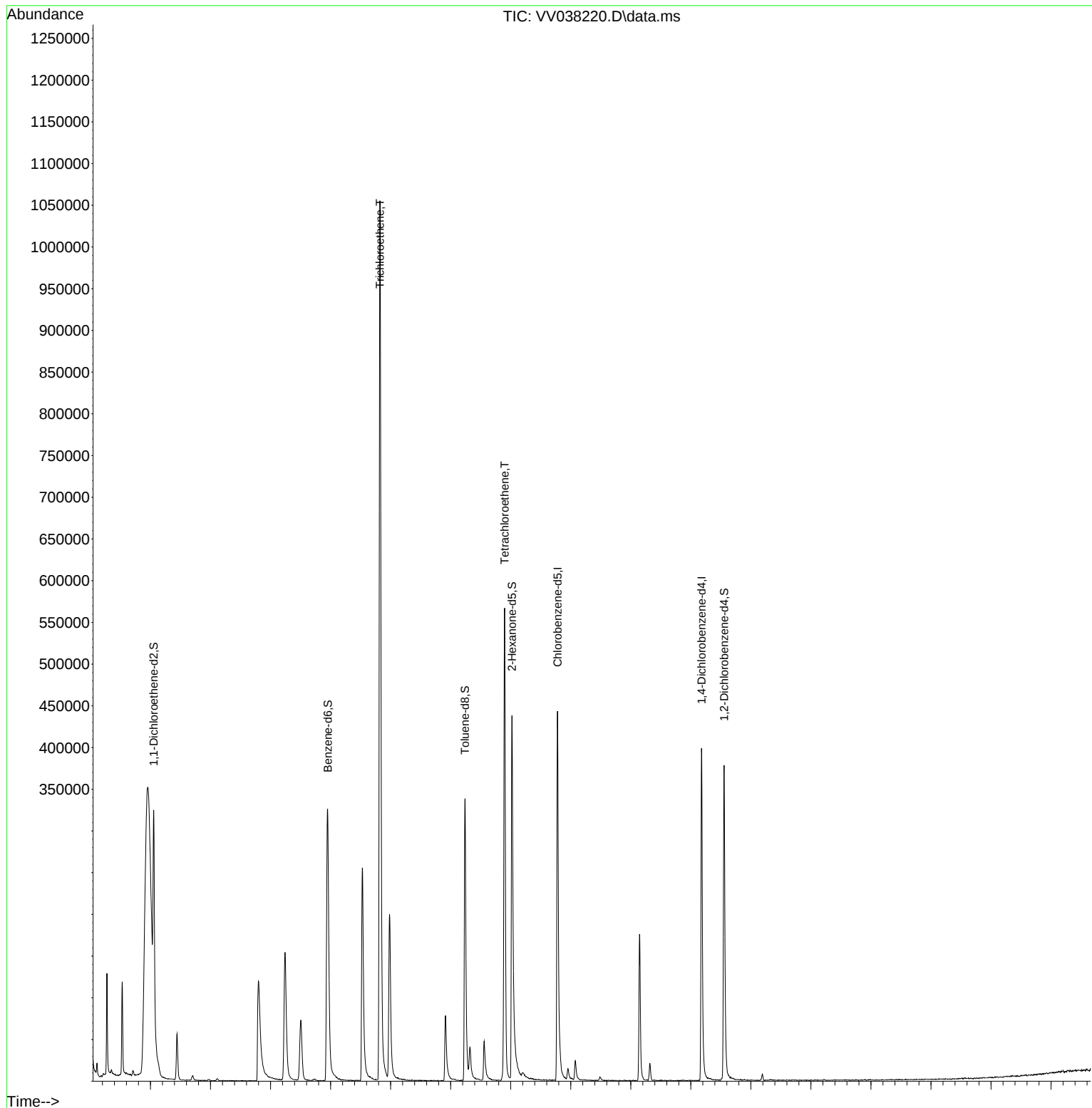
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	245321	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	264534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	117647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	76167	4.051	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.529	69	72045	4.737	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.053	65	35548	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.796	46	197286	52.448	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.900%
24) Chloroform-d	4.243	84	176437	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.937	65	86373	5.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	4.953	84	309037	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	5.982	67	106436	5.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.240	98	253534	4.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.558	79	35960	4.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.021	63	175556	57.739	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.480%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88417	4.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	106137	5.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds				Qvalue		
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	10333	0.562	ug/L	99
16) Methylene chloride	2.442	84	24943	1.248	ug/L	94
22) cis-1,2-Dichloroethene	3.809	96	15998	0.838	ug/L	95
29) 1,1,1-Trichloroethane	4.507	97	63239	1.993	ug/L	99
34) Trichloroethene	5.822	95	394993	19.500	ug/L	98
42) Toluene	7.320	91	33088	0.420	ug/L	99
47) Tetrachloroethene	7.899	164	131093	8.054	ug/L	98
51) Chlorobenzene	8.815	112	17628	0.325	ug/L	96
52) Ethylbenzene	8.953	91	11589	0.139	ug/L	99
53) m,p-Xylene	9.079	106	7768	0.247	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	2669	0.151	ug/L #	89
67) 1,2-Dichlorobenzene	11.571	146	8122	0.241	ug/L	91

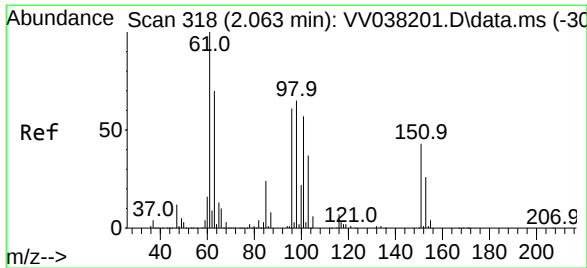
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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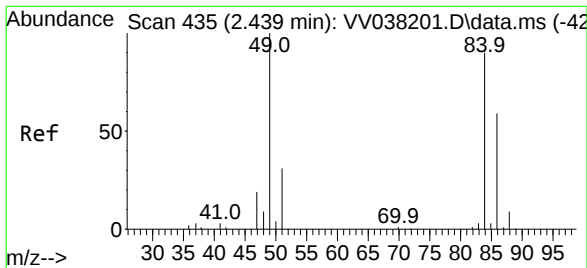
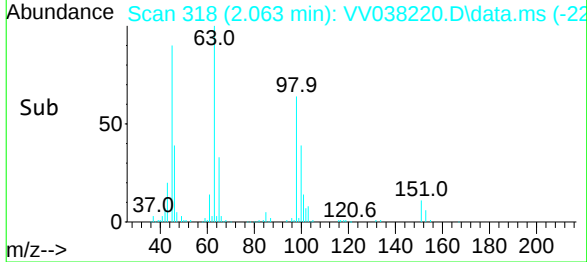
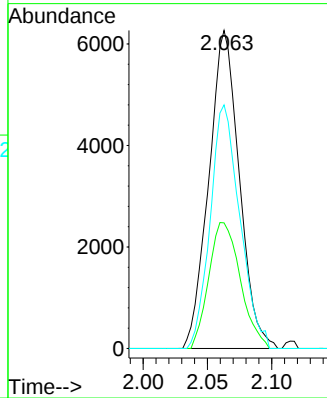
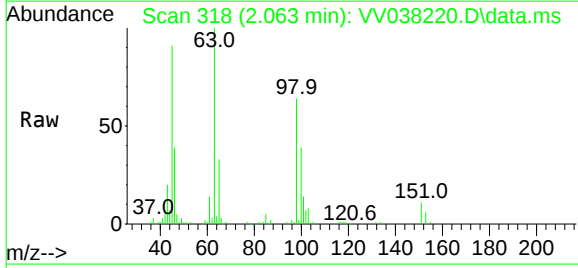




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.562 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038220.D
Acq: 20 Nov 2024 17:10

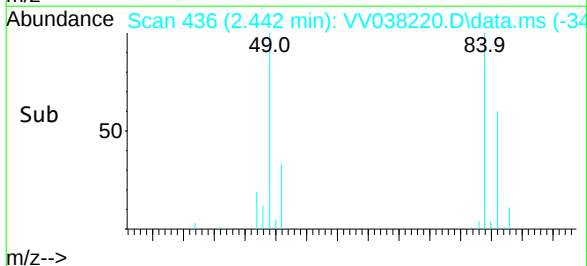
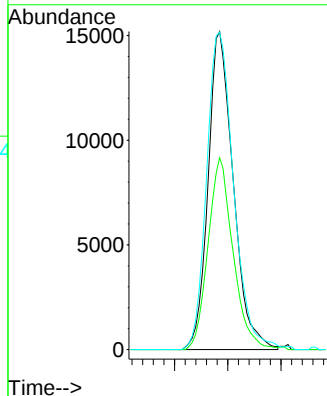
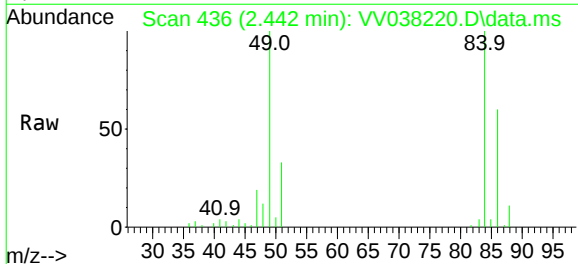
Instrument :
MSVOA_V
ClientSampleId :
BG3K4

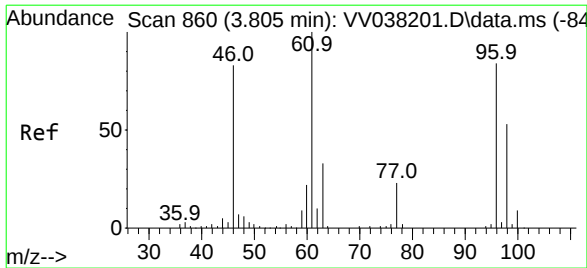
Tgt Ion: 101 Resp: 10333
Ion Ratio Lower Upper
101 100
85 41.0 33.4 50.0
151 74.3 58.8 88.2



#16
Methylene chloride
Concen: 1.248 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038220.D
Acq: 20 Nov 2024 17:10

Tgt Ion: 84 Resp: 24943
Ion Ratio Lower Upper
84 100
86 60.3 44.2 82.2
49 99.8 74.9 139.1

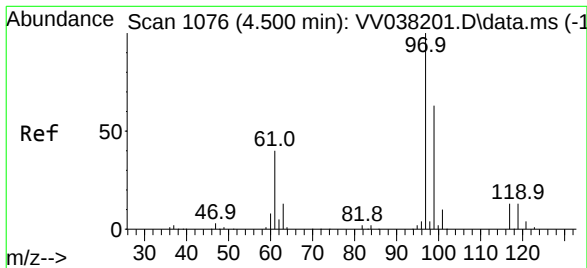
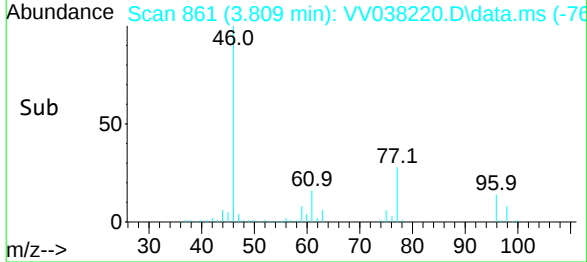
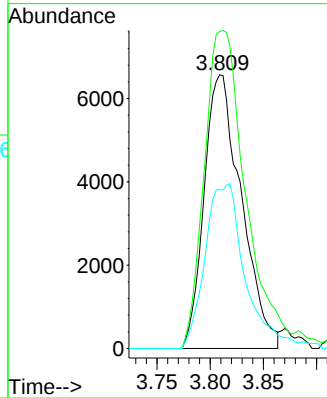
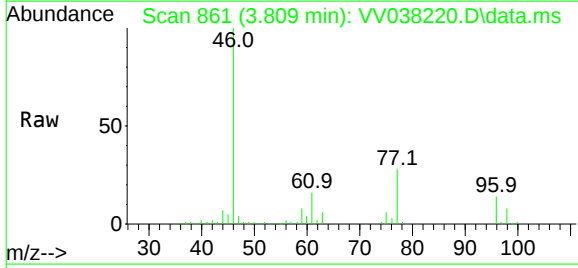




#22
cis-1,2-Dichloroethene
Concen: 0.838 ug/L
RT: 3.809 min Scan# 860
Delta R.T. 0.003 min
Lab File: VV038220.D
Acq: 20 Nov 2024 17:10

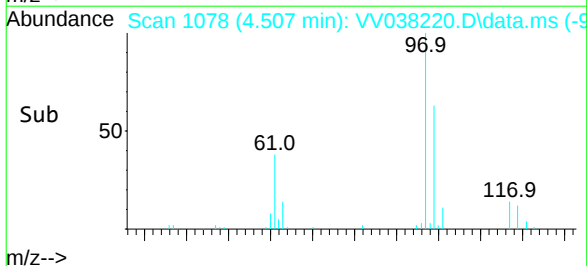
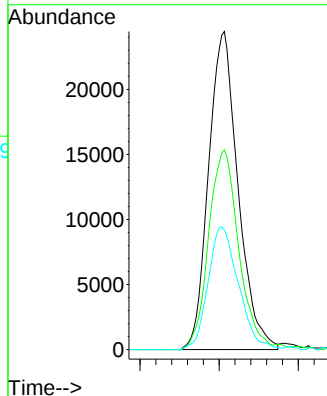
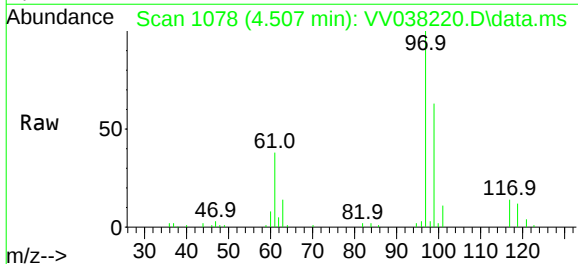
Instrument :
MSVOA_V
ClientSampleId :
BG3K4

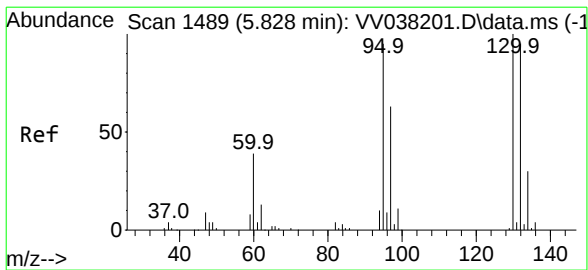
Tgt Ion:	96	Resp:	15998
Ion	Ratio	Lower	Upper
96	100		
61	115.8	82.7	153.5
98	58.1	46.3	85.9



#29
1,1,1-Trichloroethane
Concen: 1.993 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.007 min
Lab File: VV038220.D
Acq: 20 Nov 2024 17:10

Tgt Ion:	97	Resp:	63239
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.8
61	39.8	32.2	48.2





#34

Trichloroethene

Concen: 19.500 ug/L

RT: 5.822 min Scan# 14

Delta R.T. -0.006 min

Lab File: VV038220.D

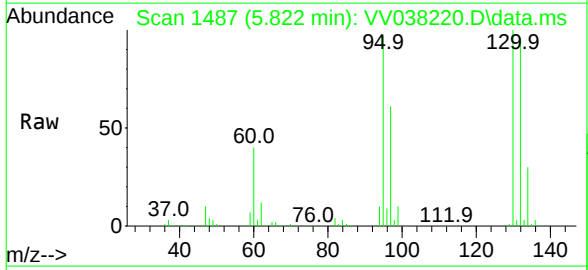
Acq: 20 Nov 2024 17:10

Instrument :

MSVOA_V

ClientSampleId :

BG3K4



Tgt Ion: 95 Resp: 394993

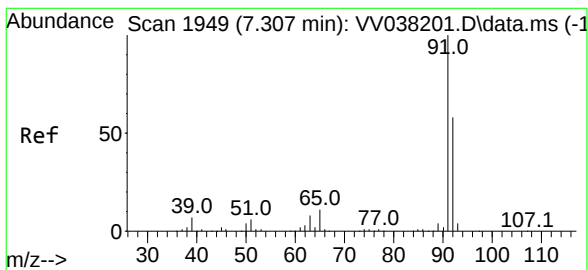
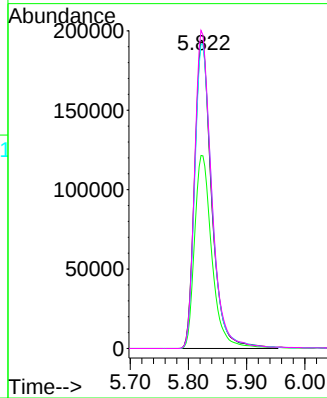
Ion Ratio Lower Upper

95 100

97 62.6 44.8 83.2

132 98.7 68.3 126.8

130 103.2 70.2 130.4



#42

Toluene

Concen: 0.420 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.013 min

Lab File: VV038220.D

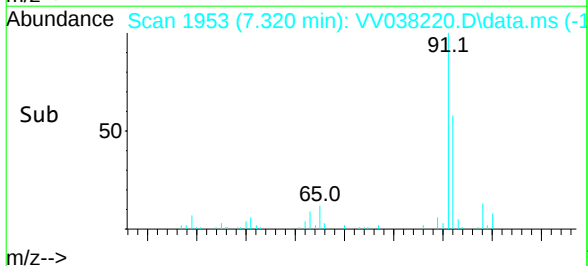
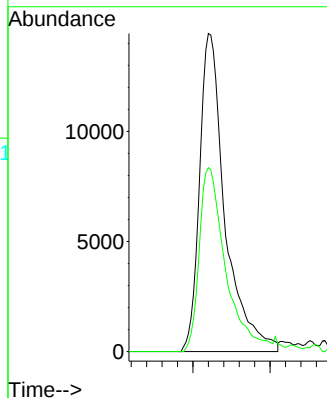
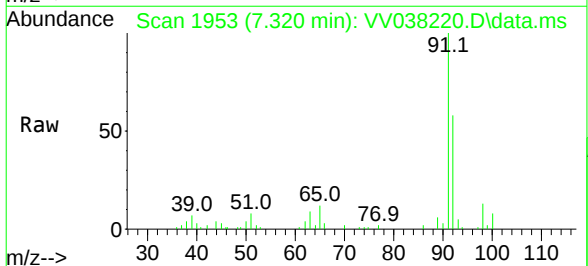
Acq: 20 Nov 2024 17:10

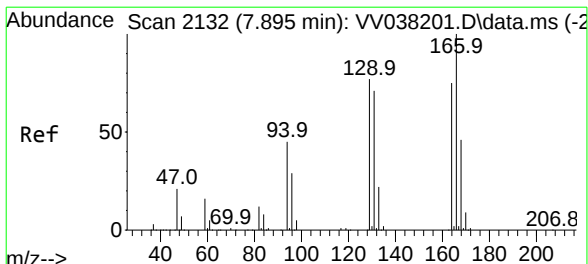
Tgt Ion: 91 Resp: 33088

Ion Ratio Lower Upper

91 100

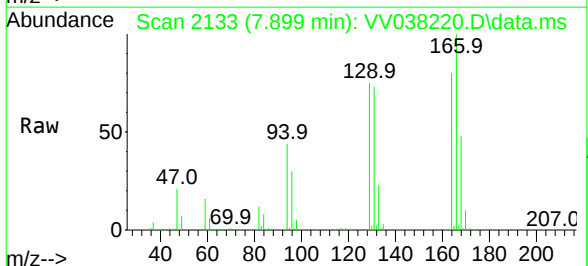
92 57.8 40.8 75.8



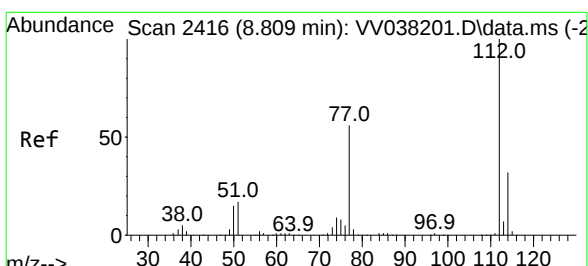
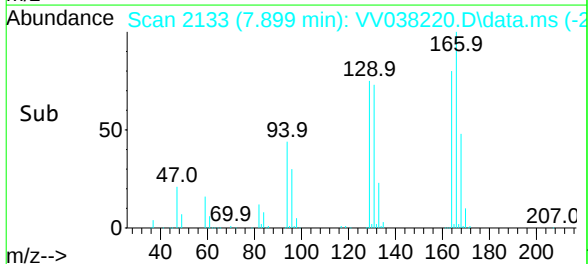
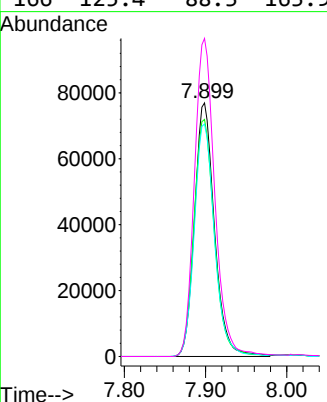


#47
 Tetrachloroethene
 Concen: 8.054 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV038220.D
 Acq: 20 Nov 2024 17:10

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K4

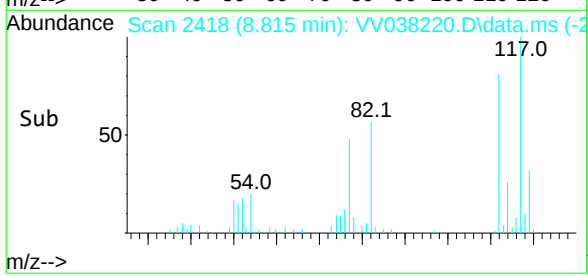
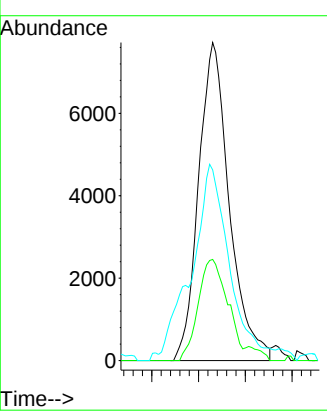
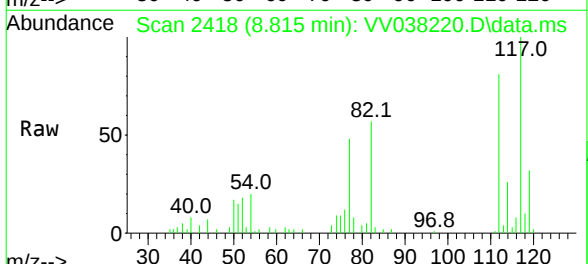


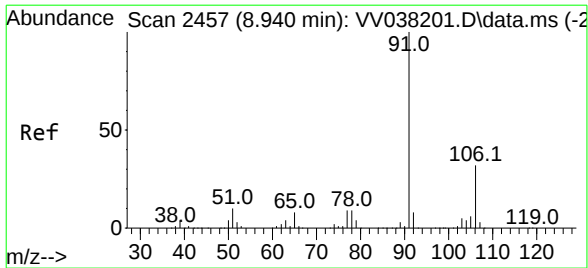
Tgt Ion:	164	Resp:	131093
Ion	Ratio	Lower	Upper
164	100		
129	93.5	68.5	127.1
131	91.7	64.8	120.4
166	125.4	88.3	163.9



#51
 Chlorobenzene
 Concen: 0.325 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.007 min
 Lab File: VV038220.D
 Acq: 20 Nov 2024 17:10

Tgt Ion:	112	Resp:	17628
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	40.8
77	59.9	45.0	67.4

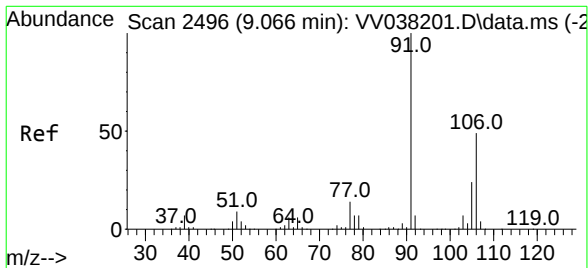
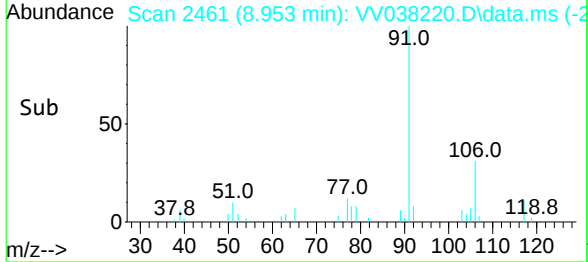
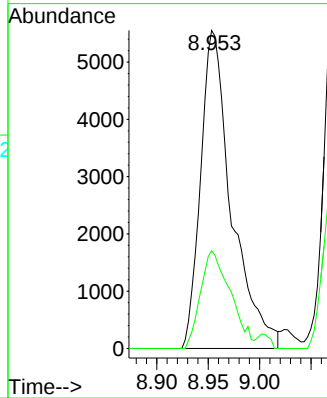
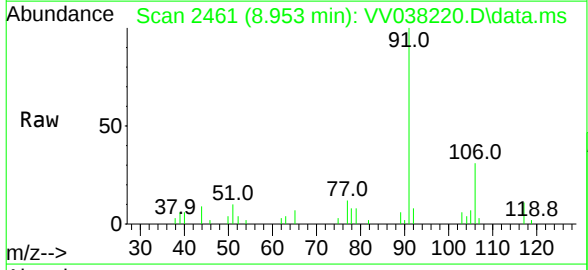




#52
Ethylbenzene
Concen: 0.139 ug/L
RT: 8.953 min Scan# 2457
Delta R.T. 0.013 min
Lab File: VV038220.D
Acq: 20 Nov 2024 17:10

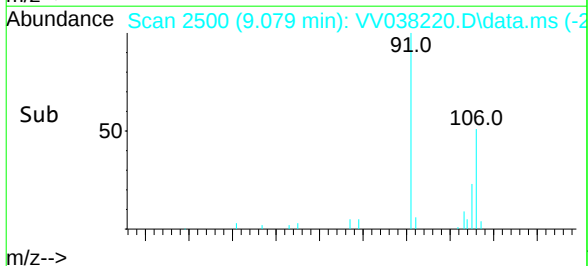
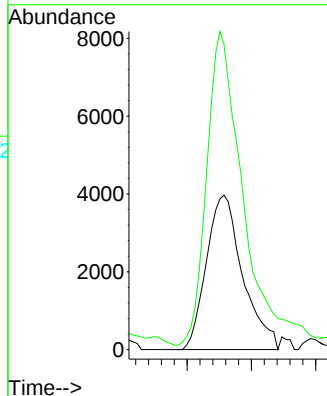
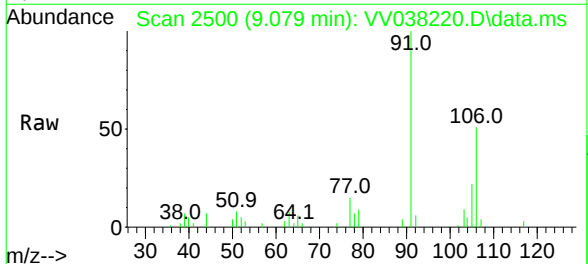
Instrument :
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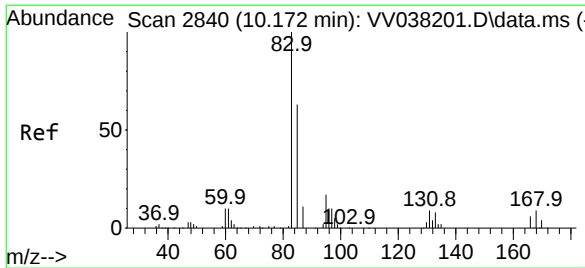
Tgt Ion: 91 Resp: 11589
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.4



#53
m,p-Xylene
Concen: 0.247 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV038220.D
Acq: 20 Nov 2024 17:10

Tgt Ion: 106 Resp: 7768
Ion Ratio Lower Upper
106 100
91 197.5 138.7 257.5

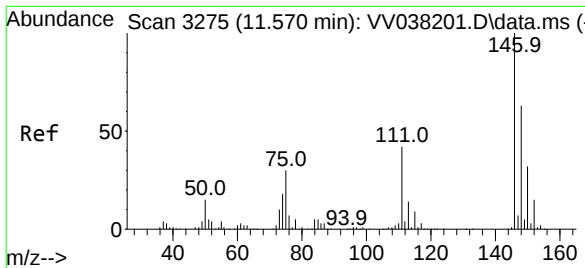
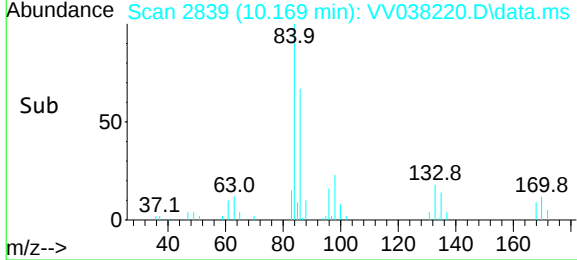
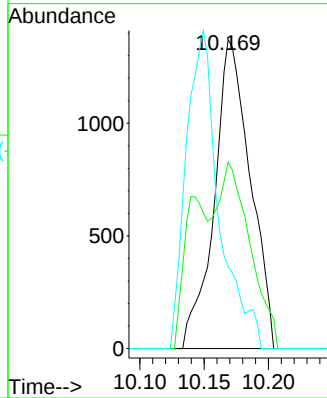
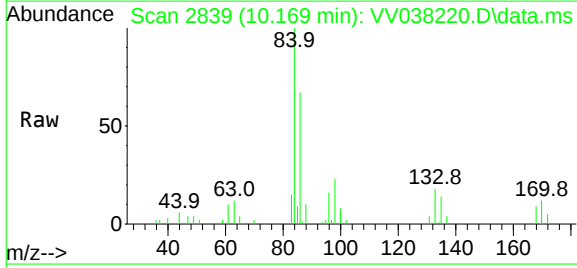




#57
1,1,2,2-Tetrachloroethane
Concen: 0.151 ug/L
RT: 10.169 min Scan# 2840
Delta R.T. -0.003 min
Lab File: VV038220.D
Acq: 20 Nov 2024 17:10

Instrument :
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ClientSampleId :
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Tgt Ion:	83	Resp:	2669
Ion	Ratio	Lower	Upper
83	100		
85	60.3	45.7	84.9
131	26.5	8.2	12.4



#67
1,2-Dichlorobenzene
Concen: 0.241 ug/L
RT: 11.571 min Scan# 3275
Delta R.T. 0.000 min
Lab File: VV038220.D
Acq: 20 Nov 2024 17:10

Tgt Ion:	146	Resp:	8122
Ion	Ratio	Lower	Upper
146	100		
111	50.2	34.2	51.2
148	69.3	51.0	76.4

