

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038222.D
 Acq On : 20 Nov 2024 17:58
 Operator : SY/MD
 Sample : P4883-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K6

Quant Time: Nov 21 01:52:37 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)

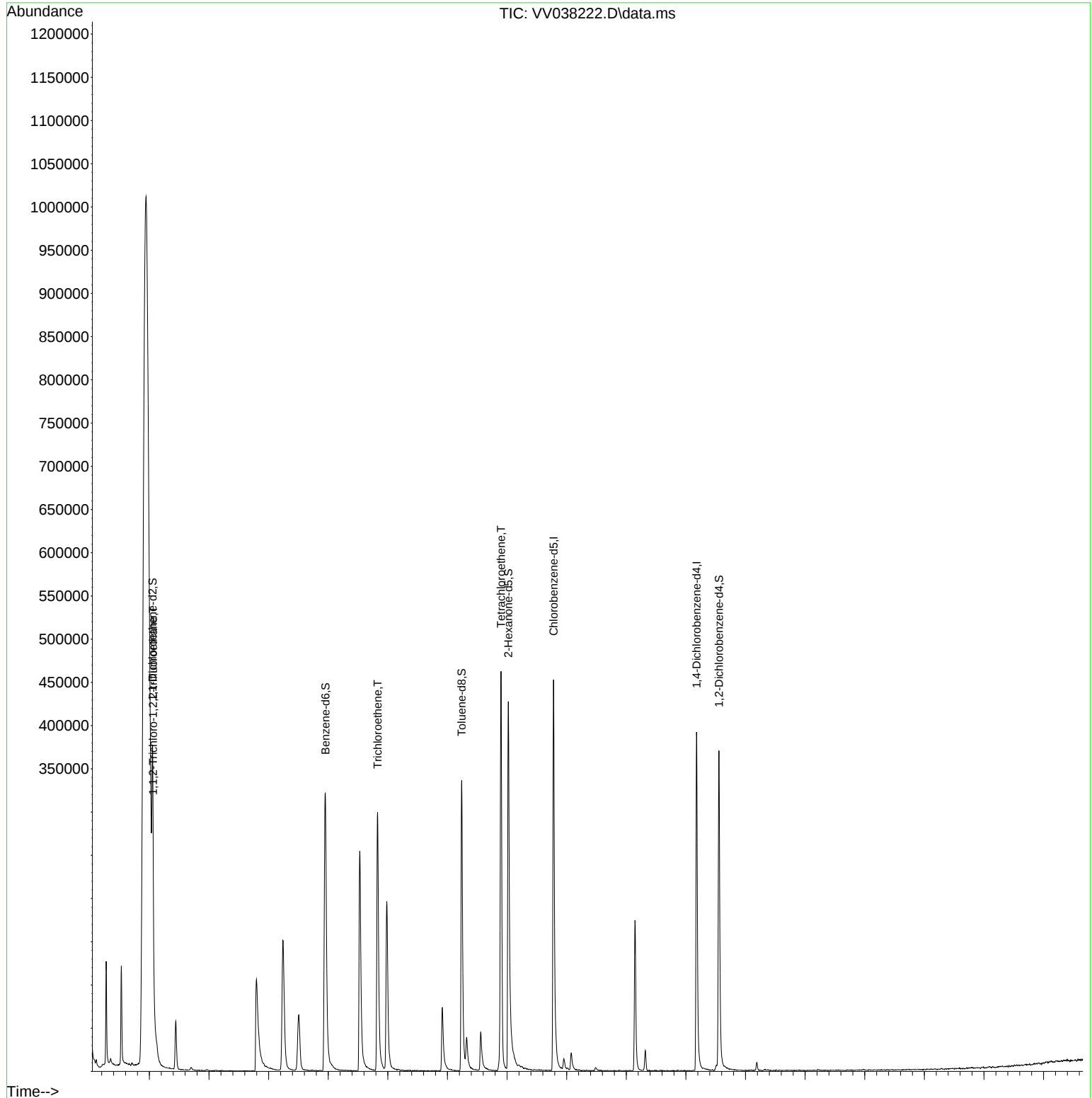
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	249780	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	270880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	114586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	75911	3.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.529	69	71532	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.053	65	34873	4.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.793	46	191906	50.107	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.220%
24) Chloroform-d	4.239	84	172476	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.937	65	85898	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	4.953	84	304559	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	5.982	67	102494	4.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.239	98	247808	3.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.558	79	33025	4.123	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.021	63	172671	55.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.920%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88257	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	105221	5.390	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	8300	0.443	ug/L	96
16) Methylene chloride	2.442	84	24766	1.217	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	4030	0.207	ug/L	93
29) 1,1,1-Trichloroethane	4.506	97	57460	1.769	ug/L	99
34) Trichloroethene	5.828	95	113783	5.486	ug/L	96
42) Toluene	7.323	91	31051	0.385	ug/L	95
47) Tetrachloroethene	7.898	164	107043	6.422	ug/L	98
51) Chlorobenzene	8.815	112	17903	0.322	ug/L	96
52) Ethylbenzene	8.953	91	11298	0.132	ug/L	96
53) m,p-Xylene	9.075	106	7354	0.228	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	2761	0.153	ug/L #	88
67) 1,2-Dichlorobenzene	11.574	146	7852	0.239	ug/L	91

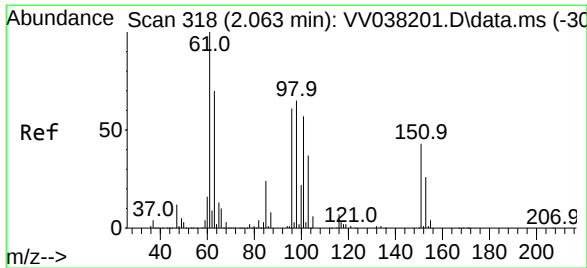
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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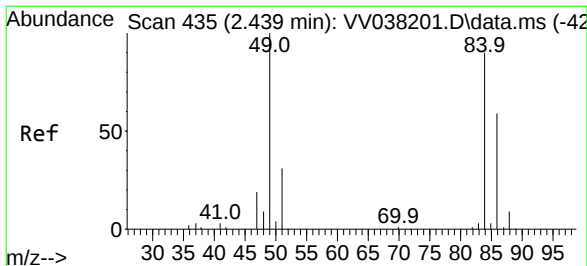
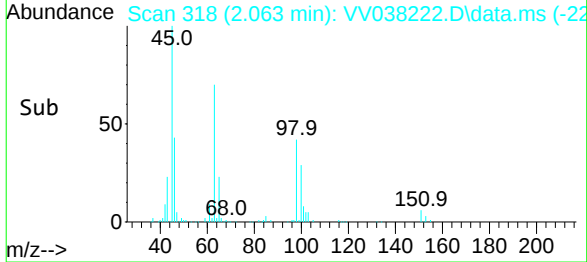
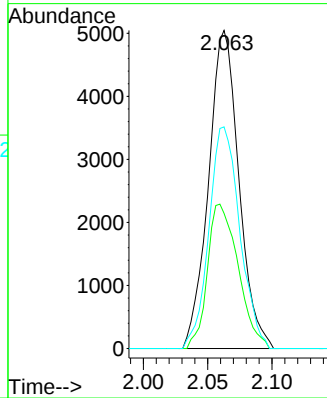
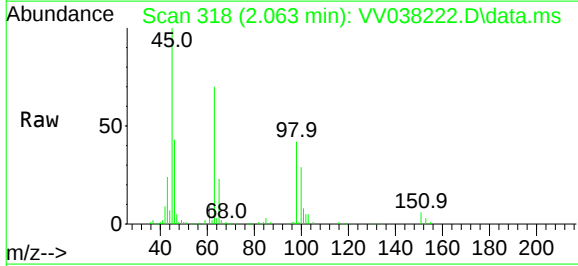




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.443 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038222.D
Acq: 20 Nov 2024 17:58

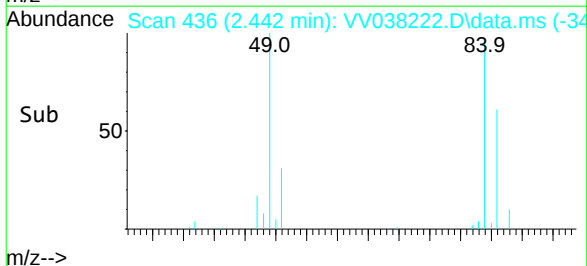
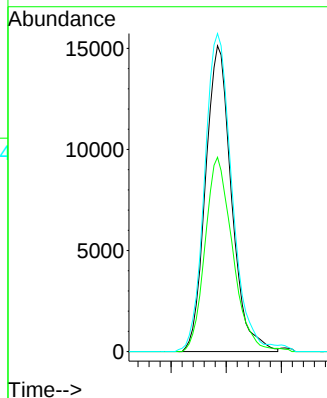
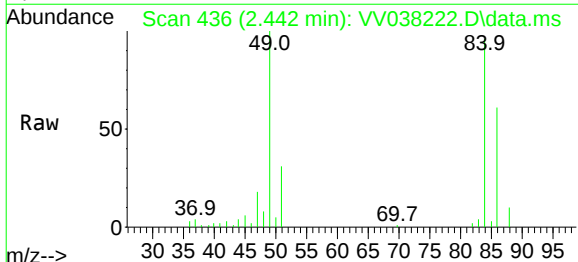
Instrument :
MSVOA_V
ClientSampleId :
BG3K6

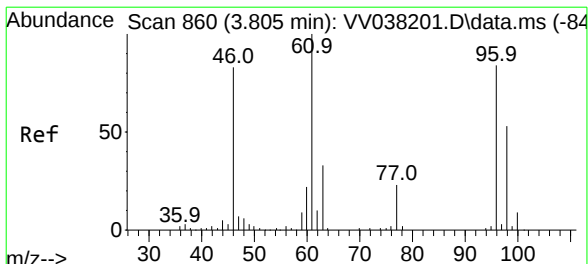
Tgt Ion: 101 Resp: 8300
Ion Ratio Lower Upper
101 100
85 45.8 33.4 50.0
151 70.9 58.8 88.2



#16
Methylene chloride
Concen: 1.217 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038222.D
Acq: 20 Nov 2024 17:58

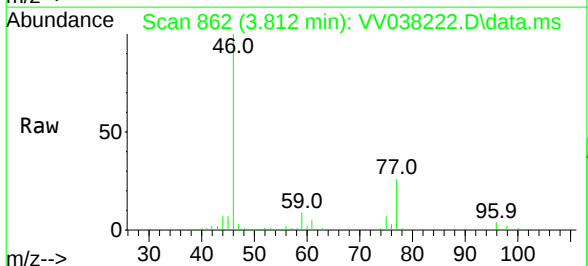
Tgt Ion: 84 Resp: 24766
Ion Ratio Lower Upper
84 100
86 63.5 44.2 82.2
49 104.0 74.9 139.1



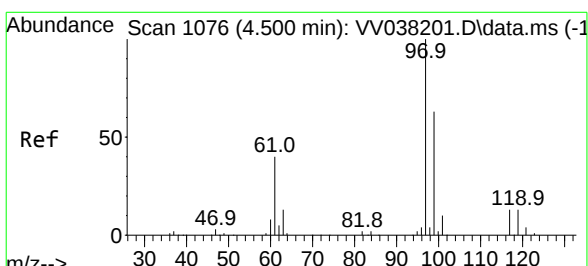
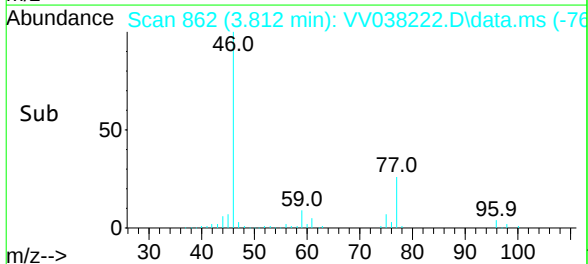
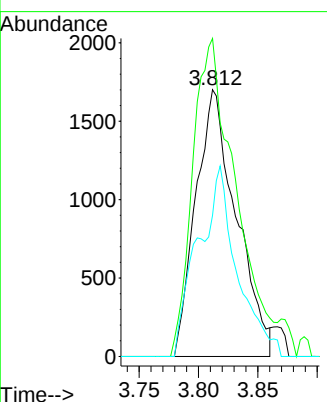


#22
 cis-1,2-Dichloroethene
 Concen: 0.207 ug/L
 RT: 3.812 min Scan# 860
 Delta R.T. 0.006 min
 Lab File: VV038222.D
 Acq: 20 Nov 2024 17:58

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K6

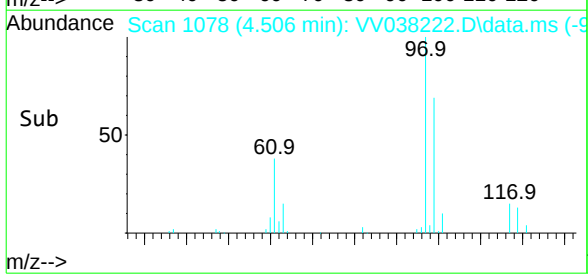
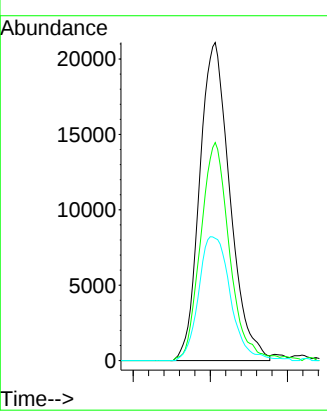
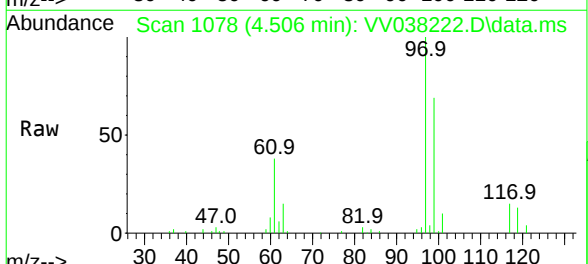


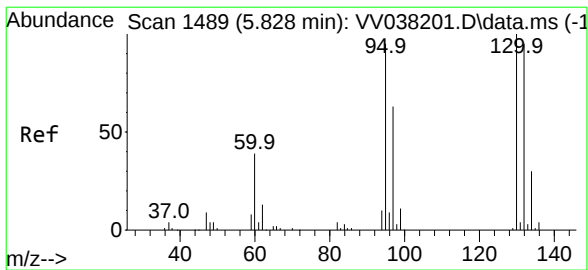
Tgt Ion:	96	Resp:	4030
Ion	Ratio	Lower	Upper
96	100		
61	119.2	82.7	153.5
98	52.9	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 1.769 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VV038222.D
 Acq: 20 Nov 2024 17:58

Tgt Ion:	97	Resp:	57460
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.8
61	41.1	32.2	48.2





#34

Trichloroethene

Concen: 5.486 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV038222.D

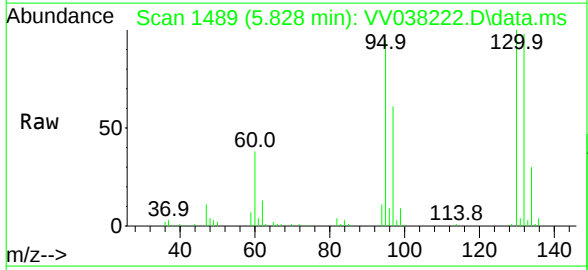
Acq: 20 Nov 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

BG3K6



Tgt Ion: 95 Resp: 113783

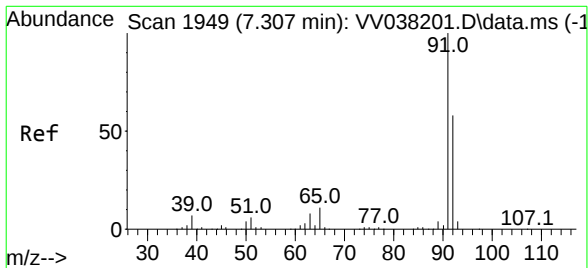
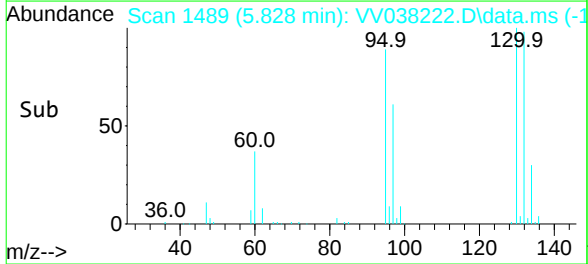
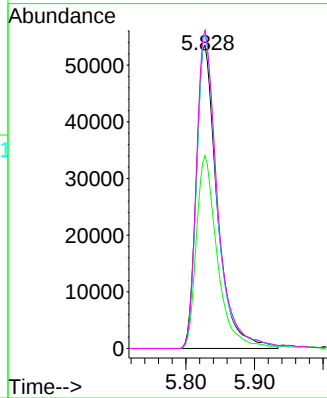
Ion Ratio Lower Upper

95 100

97 63.6 44.8 83.2

132 103.3 68.3 126.8

130 105.0 70.2 130.4



#42

Toluene

Concen: 0.385 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038222.D

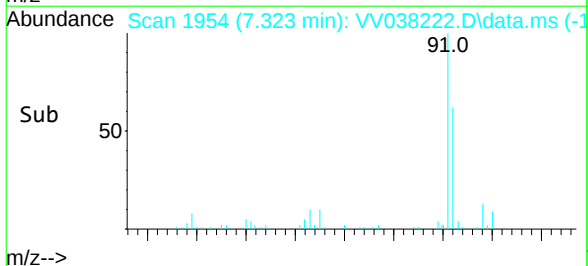
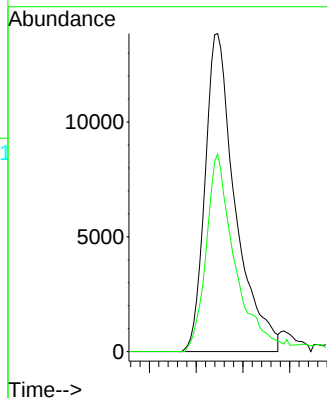
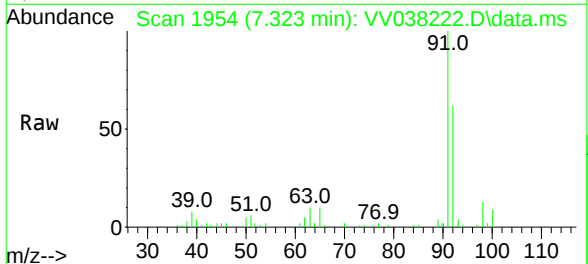
Acq: 20 Nov 2024 17:58

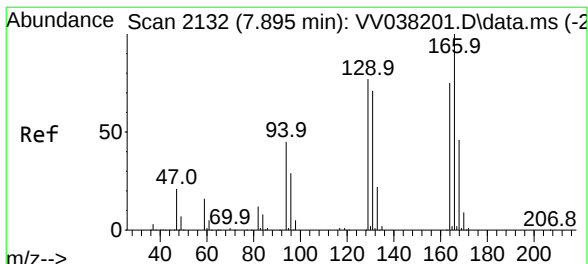
Tgt Ion: 91 Resp: 31051

Ion Ratio Lower Upper

91 100

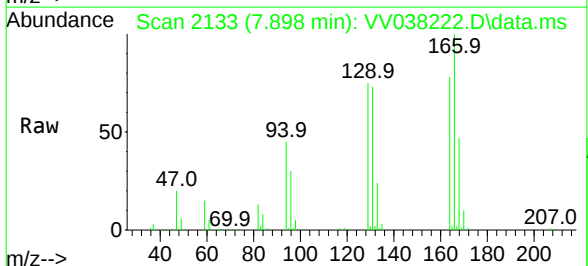
92 62.1 40.8 75.8





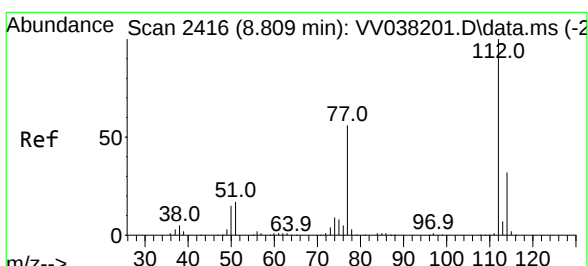
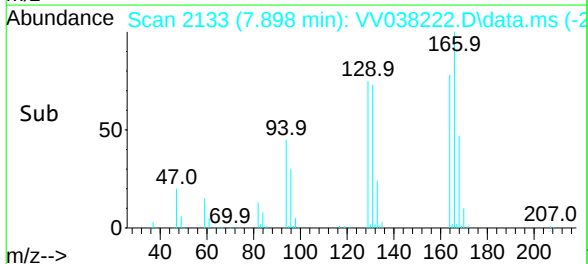
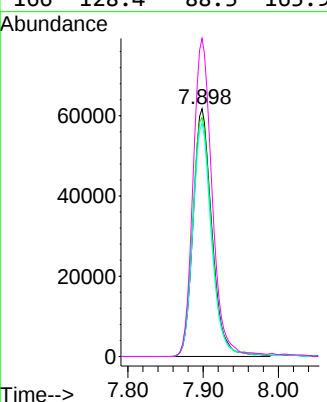
#47
Tetrachloroethene
Concen: 6.422 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038222.D
Acq: 20 Nov 2024 17:58

Instrument :
MSVOA_V
ClientSampleId :
BG3K6



Tgt Ion:164 Resp: 107043

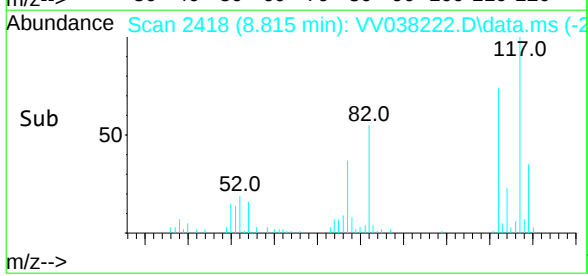
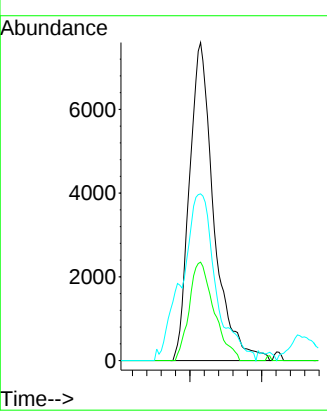
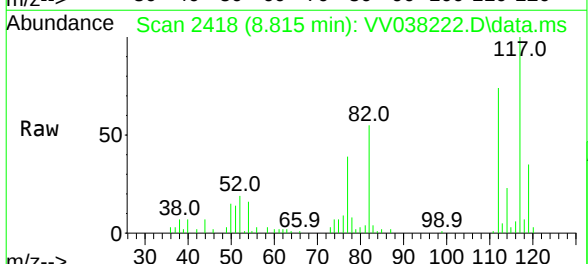
Ion	Ratio	Lower	Upper
164	100		
129	96.4	68.5	127.1
131	94.1	64.8	120.4
166	128.4	88.3	163.9

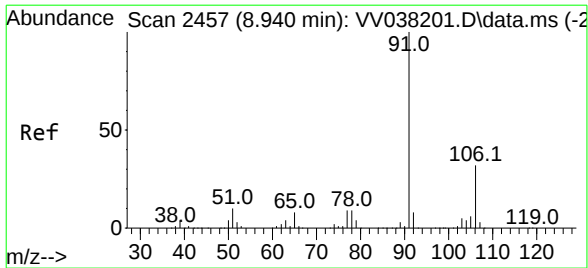


#51
Chlorobenzene
Concen: 0.322 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV038222.D
Acq: 20 Nov 2024 17:58

Tgt Ion:112 Resp: 17903

Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.0	40.8
77	52.4	45.0	67.4

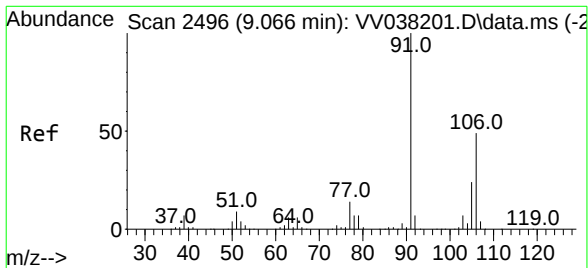
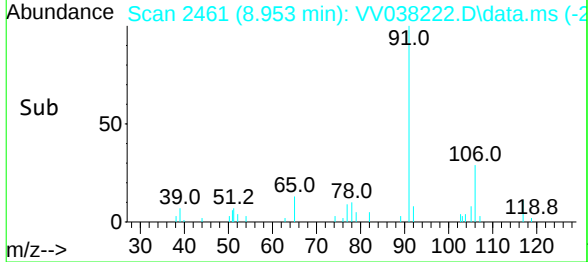
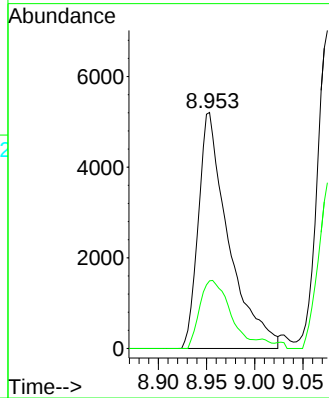
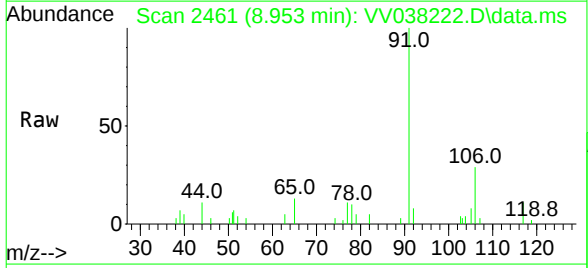




#52
Ethylbenzene
Concen: 0.132 ug/L
RT: 8.953 min Scan# 2457
Delta R.T. 0.013 min
Lab File: VV038222.D
Acq: 20 Nov 2024 17:58

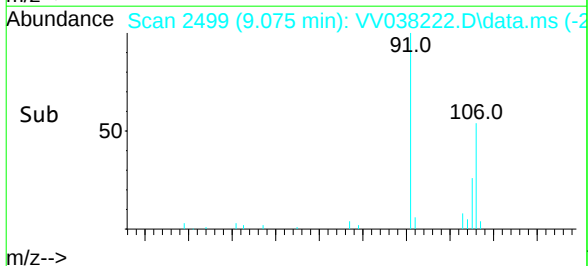
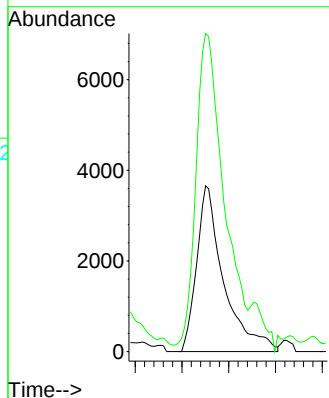
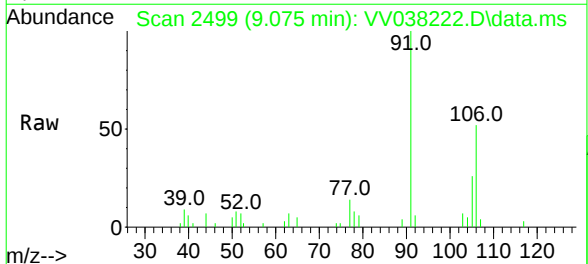
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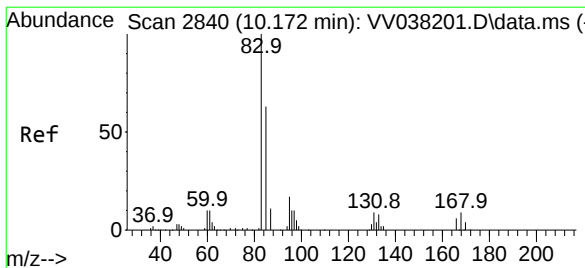
Tgt Ion: 91 Resp: 11298
Ion Ratio Lower Upper
91 100
106 28.6 21.8 40.4



#53
m,p-Xylene
Concen: 0.228 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VV038222.D
Acq: 20 Nov 2024 17:58

Tgt Ion: 106 Resp: 7354
Ion Ratio Lower Upper
106 100
91 191.9 138.7 257.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.153 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV038222.D

Acq: 20 Nov 2024 17:58

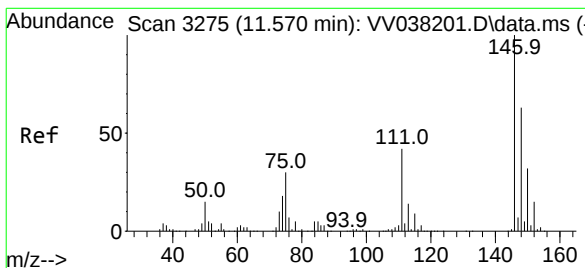
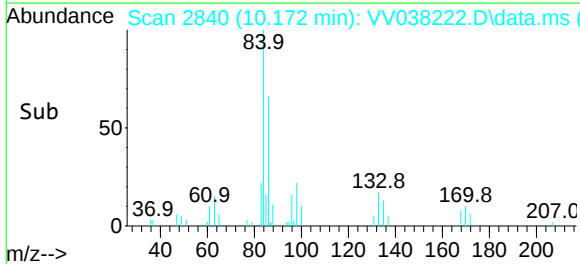
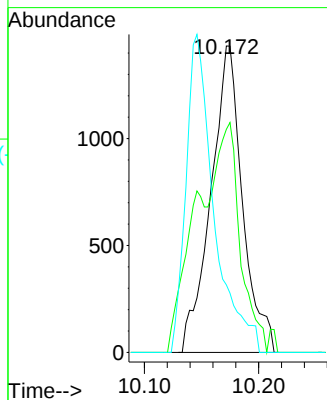
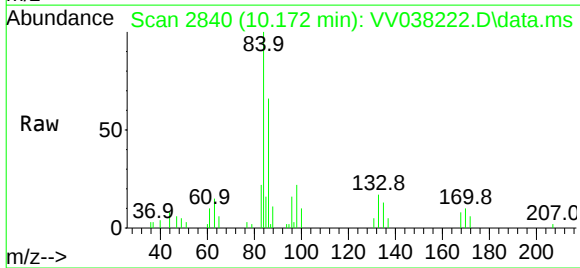
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Tgt Ion:	83	Resp:	2761
Ion	Ratio	Lower	Upper
83	100		
85	72.8	45.7	84.9
131	22.1	8.2	12.4



#67

1,2-Dichlorobenzene

Concen: 0.239 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038222.D

Acq: 20 Nov 2024 17:58

Tgt Ion:	146	Resp:	7852
Ion	Ratio	Lower	Upper
146	100		
111	49.5	34.2	51.2
148	70.4	51.0	76.4

