

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038224.D
 Acq On : 20 Nov 2024 18:46
 Operator : SY/MD
 Sample : P4883-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K8

Quant Time: Nov 21 01:53:27 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)

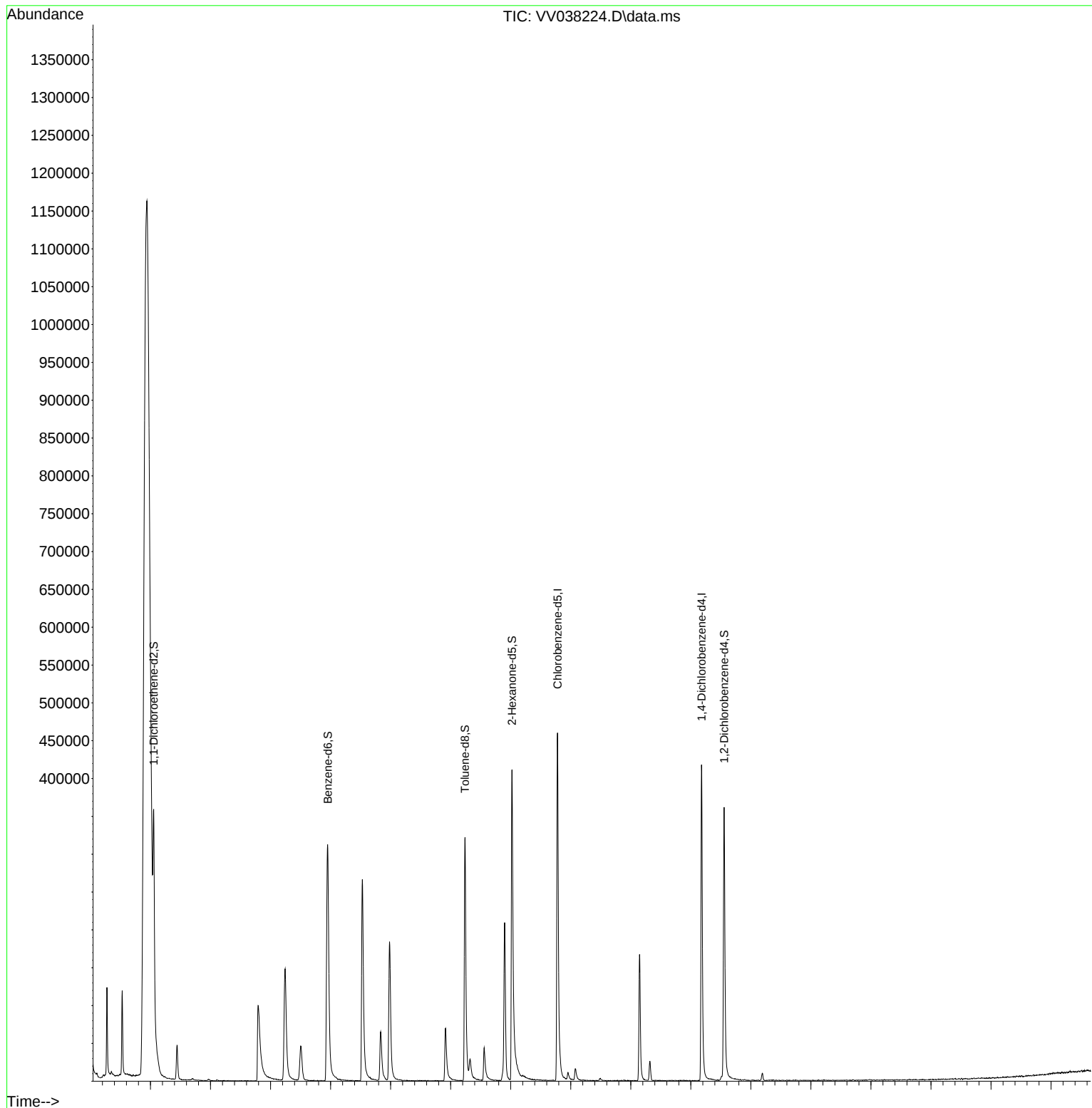
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	255934	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	278542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	122379	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74813	3.814	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.529	69	69947	4.408	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.053	65	35200	4.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.793	46	185020	47.147	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.300%
24) Chloroform-d	4.243	84	169494	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.937	65	83611	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.954	84	298881	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	5.982	67	99566	4.495	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.240	98	238345	3.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	7.558	79	32216	3.912	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.021	63	162945	50.896	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84537	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.555	152	103591	4.968	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6135	0.320	ug/L	88
16) Methylene chloride	2.442	84	19923	0.956	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	2907	0.146	ug/L	91
29) 1,1,1-Trichloroethane	4.507	97	41405	1.239	ug/L	98
34) Trichloroethene	5.835	95	26657	1.250	ug/L	97
42) Toluene	7.320	91	25007	0.302	ug/L	94
47) Tetrachloroethene	7.899	164	48556	2.833	ug/L	97
51) Chlorobenzene	8.815	112	13638	0.239	ug/L	99
53) m,p-Xylene	9.076	106	5613	0.169	ug/L	89
67) 1,2-Dichlorobenzene	11.571	146	6430	0.184	ug/L #	91

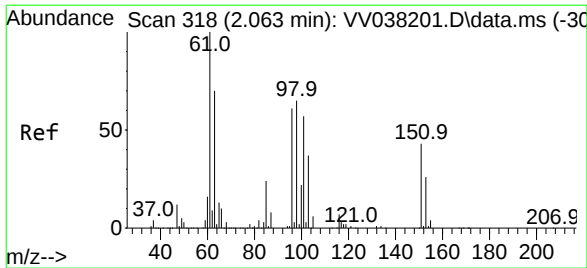
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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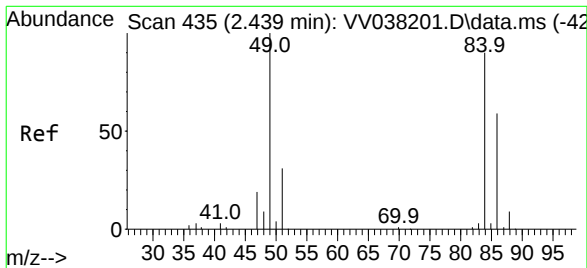
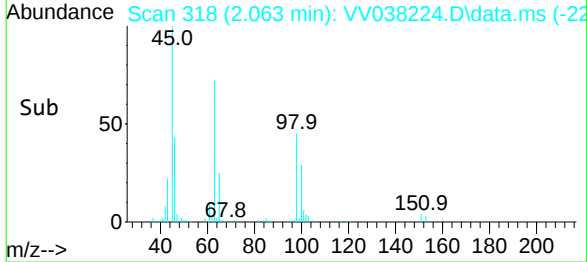
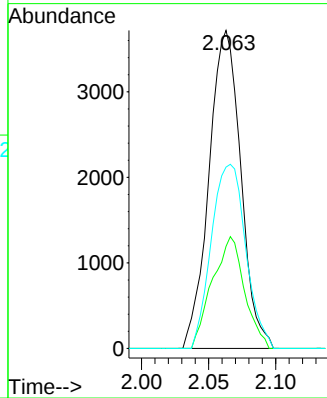
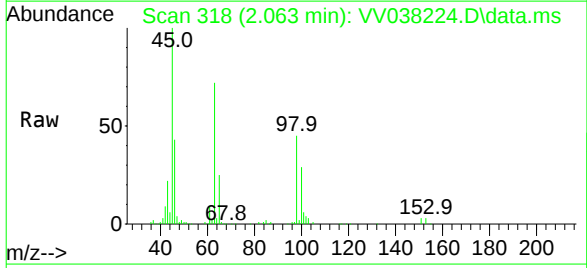




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.320 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

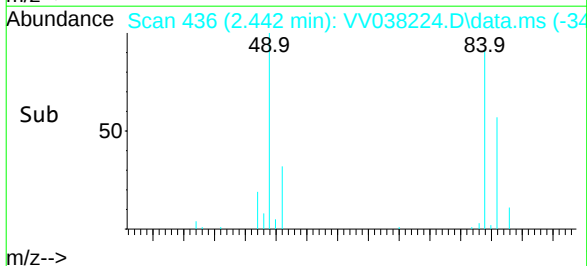
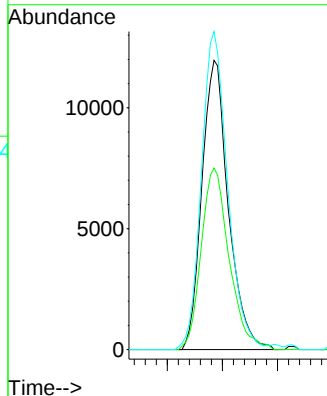
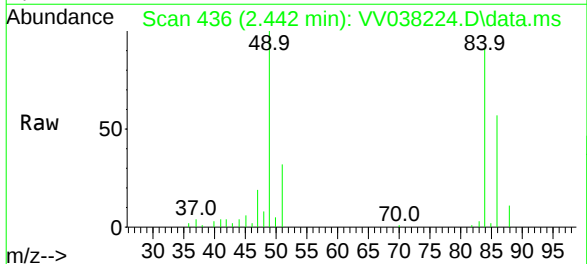
Instrument :
MSVOA_V
ClientSampleId :
BG3K8

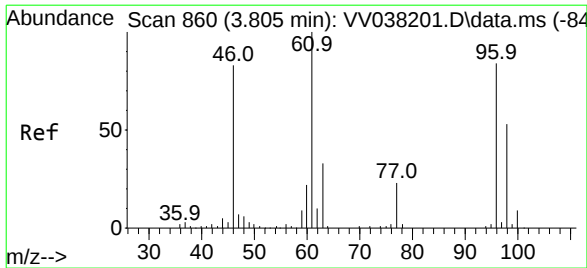
Tgt Ion: 101 Resp: 6135
Ion Ratio Lower Upper
101 100
85 35.5 33.4 50.0
151 62.5 58.8 88.2



#16
Methylene chloride
Concen: 0.956 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

Tgt Ion: 84 Resp: 19923
Ion Ratio Lower Upper
84 100
86 62.8 44.2 82.2
49 110.0 74.9 139.1

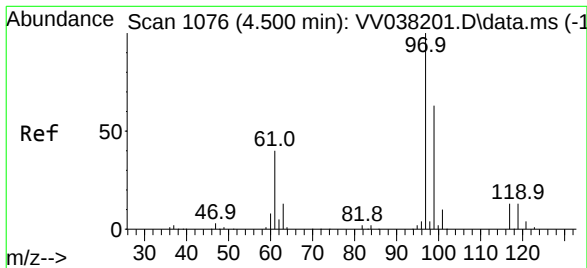
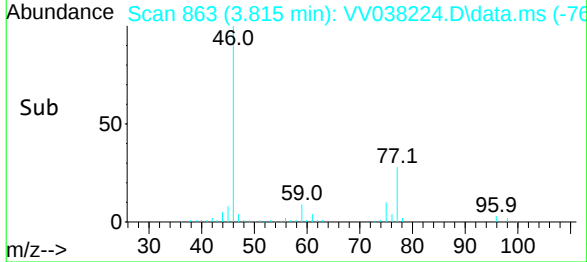
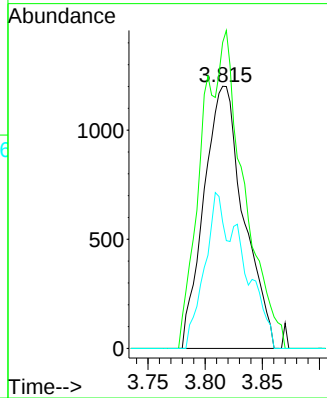
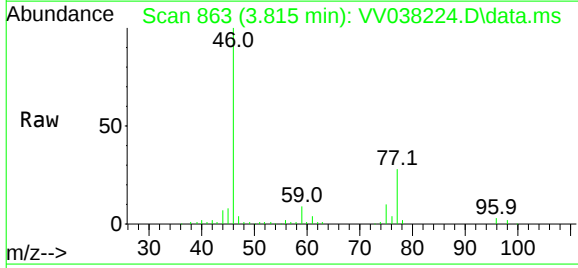




#22
cis-1,2-Dichloroethene
Concen: 0.146 ug/L
RT: 3.815 min Scan# 860
Delta R.T. 0.010 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

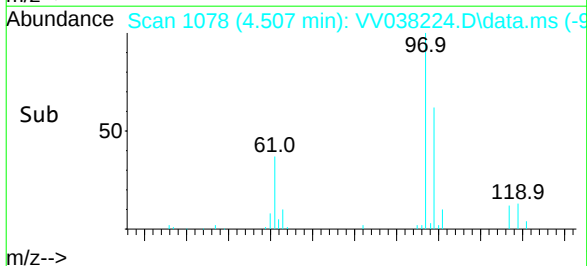
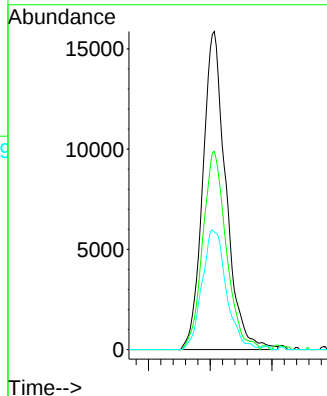
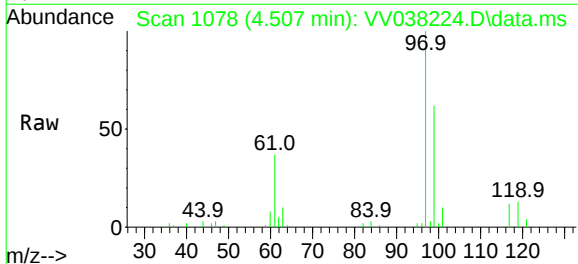
Instrument :
MSVOA_V
ClientSampleId :
BG3K8

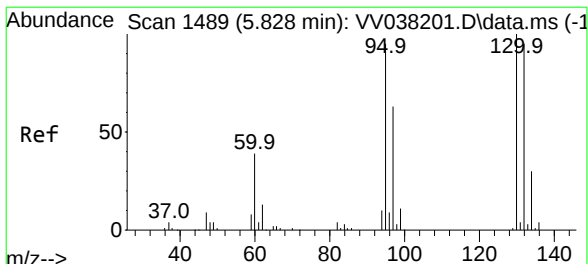
Tgt Ion:	96	Resp:	2907
Ion	Ratio	Lower	Upper
96	100		
61	116.7	82.7	153.5
98	48.2	46.3	85.9



#29
1,1,1-Trichloroethane
Concen: 1.239 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.007 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

Tgt Ion:	97	Resp:	41405
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.8
61	39.5	32.2	48.2

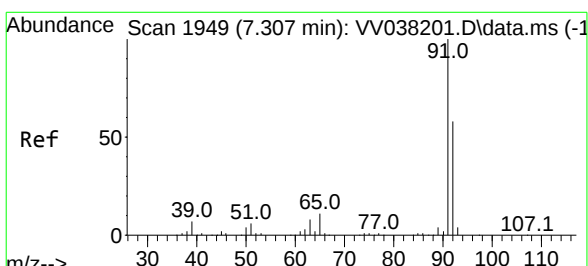
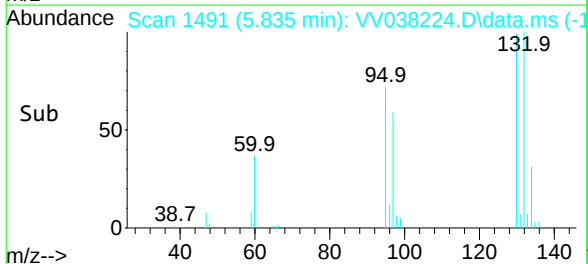
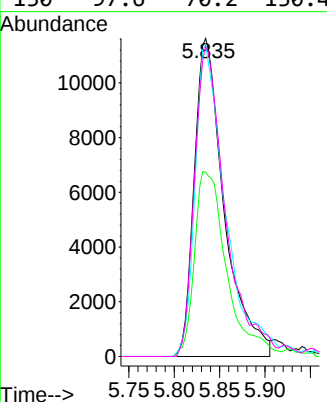
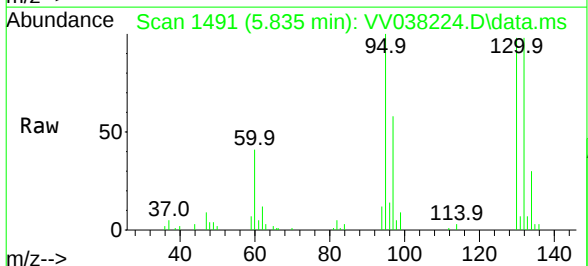




#34
 Trichloroethene
 Concen: 1.250 ug/L
 RT: 5.835 min Scan# 1491
 Delta R.T. 0.007 min
 Lab File: VV038224.D
 Acq: 20 Nov 2024 18:46

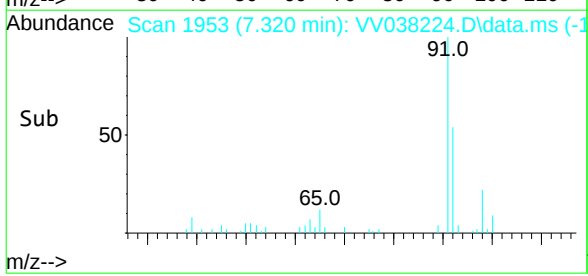
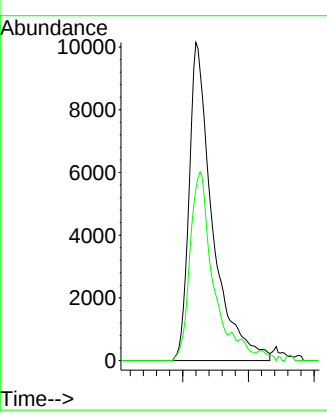
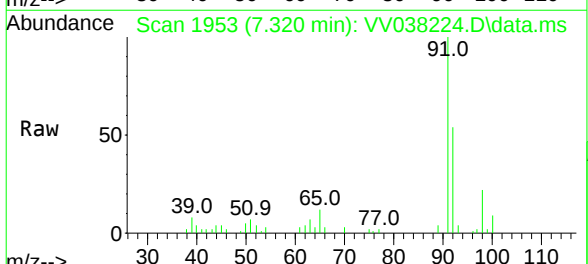
Instrument :
 MSVOA_V
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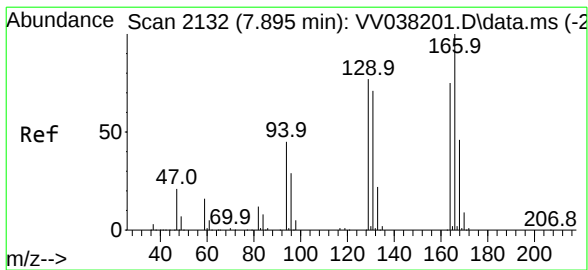
Tgt Ion:	95	Resp:	26657
Ion Ratio	Lower	Upper	
95	100		
97	58.0	44.8	83.2
132	98.1	68.3	126.8
130	97.6	70.2	130.4



#42
 Toluene
 Concen: 0.302 ug/L
 RT: 7.320 min Scan# 1953
 Delta R.T. 0.013 min
 Lab File: VV038224.D
 Acq: 20 Nov 2024 18:46

Tgt Ion:	91	Resp:	25007
Ion Ratio	Lower	Upper	
91	100		
92	54.0	40.8	75.8

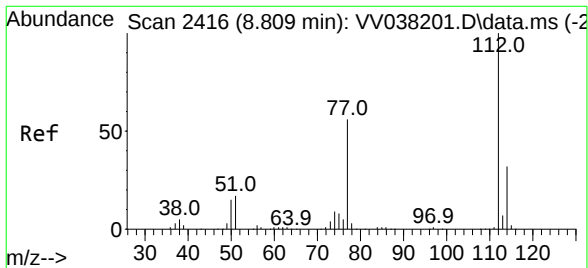
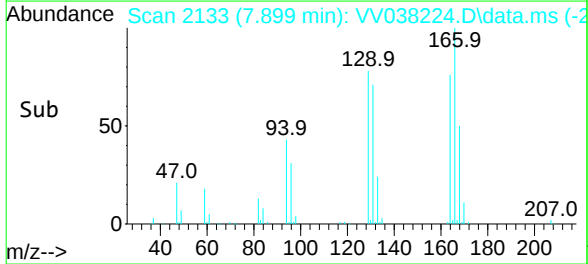
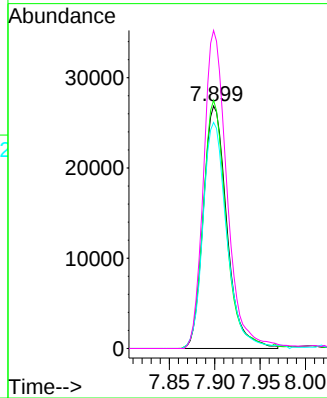
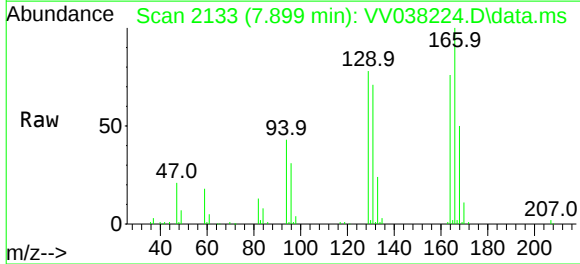




#47
Tetrachloroethene
Concen: 2.833 ug/L
RT: 7.899 min Scan# 2132
Delta R.T. 0.003 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

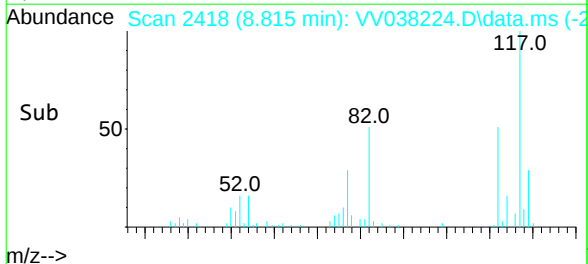
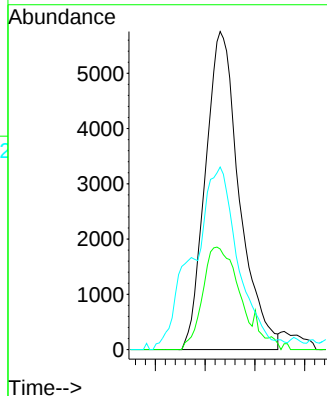
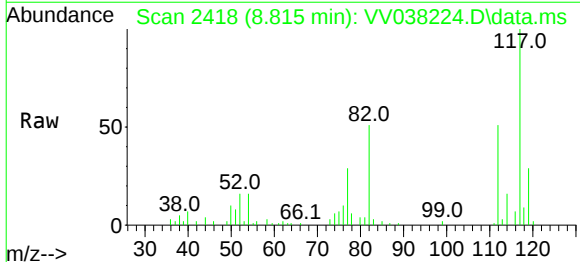
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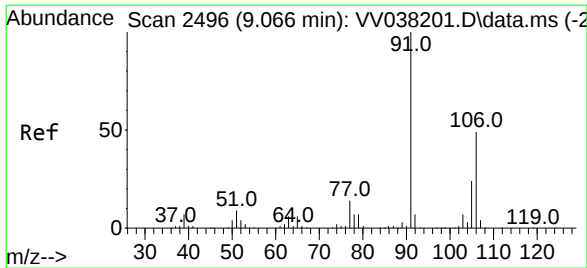
Tgt Ion:	164	Resp:	48556
Ion	Ratio	Lower	Upper
164	100		
129	102.4	68.5	127.1
131	93.2	64.8	120.4
166	131.1	88.3	163.9



#51
Chlorobenzene
Concen: 0.239 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

Tgt Ion:	112	Resp:	13638
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.0	40.8
77	57.4	45.0	67.4





#53

m,p-Xylene

Concen: 0.169 ug/L

RT: 9.076 min Scan# 2496

Delta R.T. 0.010 min

Lab File: VV038224.D

Acq: 20 Nov 2024 18:46

Instrument :

MSVOA_V

ClientSampleId :

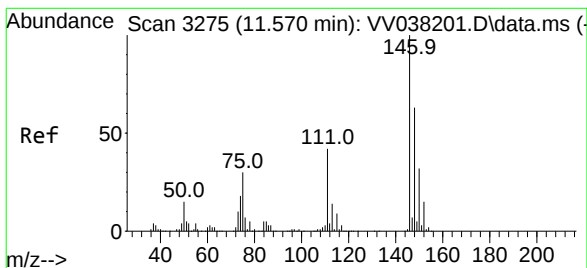
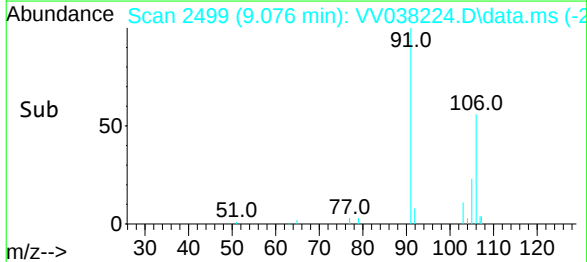
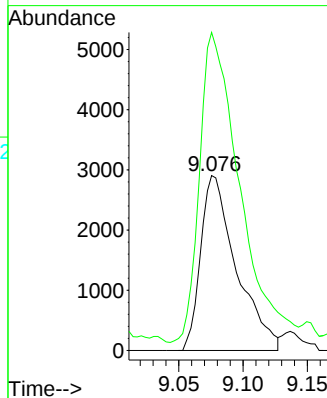
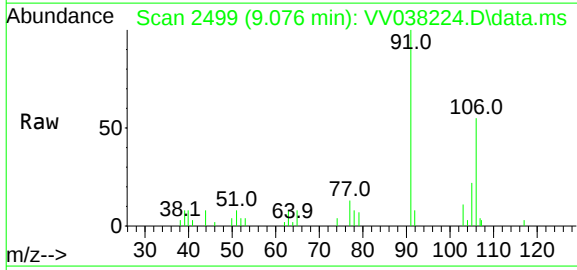
BG3K8

Tgt Ion:106 Resp: 5613

Ion Ratio Lower Upper

106 100

91 181.8 138.7 257.5



#67

1,2-Dichlorobenzene

Concen: 0.184 ug/L

RT: 11.571 min Scan# 3275

Delta R.T. 0.000 min

Lab File: VV038224.D

Acq: 20 Nov 2024 18:46

Tgt Ion:146 Resp: 6430

Ion Ratio Lower Upper

146 100

111 52.2 34.2 51.2#

148 67.6 51.0 76.4

