

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038223.D
 Acq On : 20 Nov 2024 18:22
 Operator : SY/MD
 Sample : P4883-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K7

Quant Time: Nov 21 01:53:03 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)

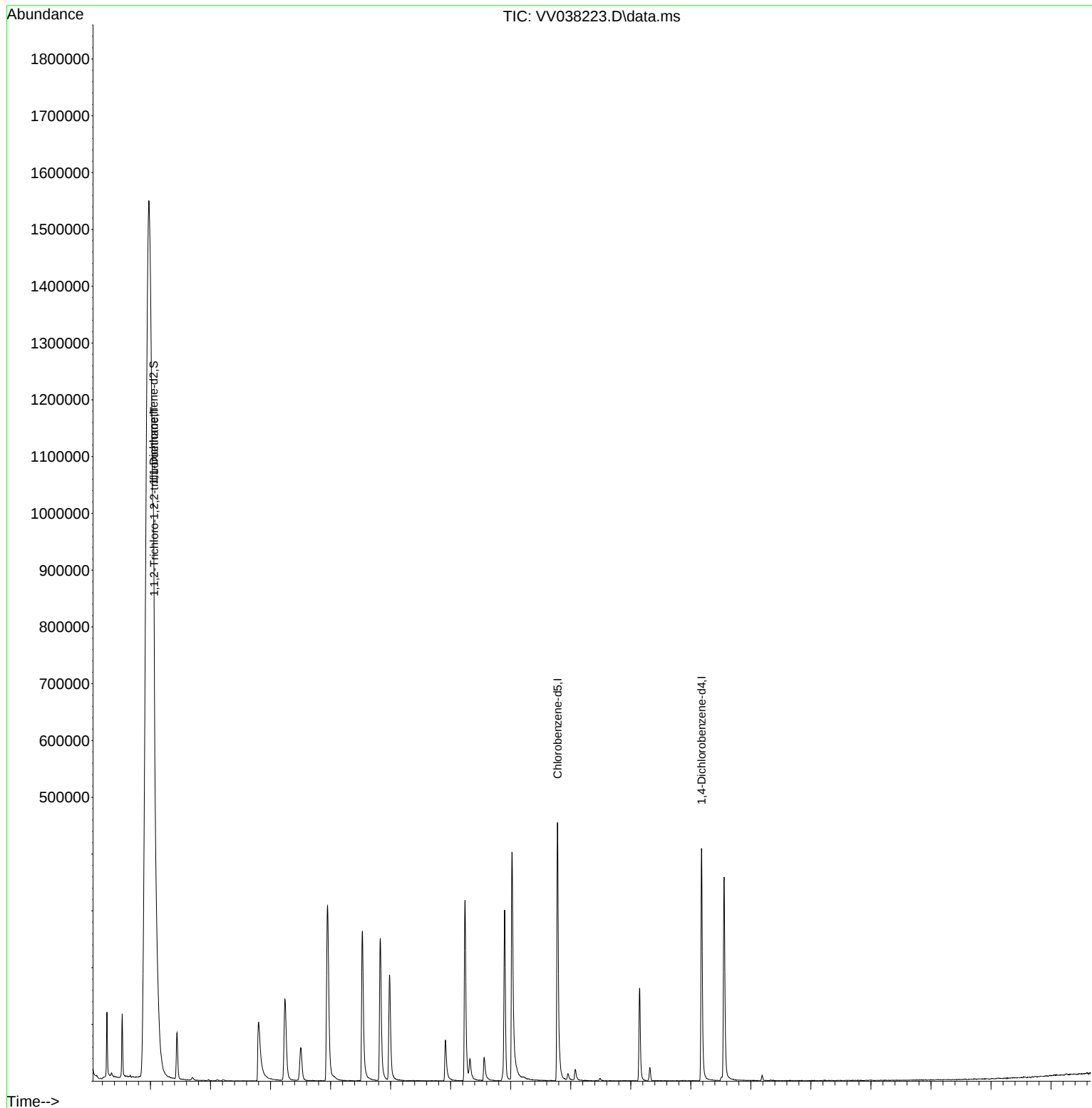
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	249438	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	273519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	118684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	73769	3.858	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.529	69	69814	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.053	65	33318	4.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.799	46	188105	49.182	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.360%
24) Chloroform-d	4.240	84	167165	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.937	65	82858	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.953	84	291539	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	5.982	67	98780	4.541	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.239	98	235492	3.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	7.558	79	32647	4.037	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.021	63	163832	52.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.220%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84954	4.600	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	100402	4.965	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6898	0.369	ug/L	93
16) Methylene chloride	2.442	84	36901	1.816	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	4015	0.100	ug/L #	85
22) cis-1,2-Dichloroethene	3.818	96	7051	0.363	ug/L	93
29) 1,1,1-Trichloroethane	4.503	97	50677	1.545	ug/L	99
34) Trichloroethene	5.828	95	96742	4.619	ug/L	99
42) Toluene	7.320	91	32530	0.400	ug/L	99
47) Tetrachloroethene	7.899	164	68508	4.071	ug/L	97
51) Chlorobenzene	8.812	112	16228	0.289	ug/L	94
52) Ethylbenzene	8.956	91	10038	0.116	ug/L	89
53) m,p-Xylene	9.075	106	7618	0.234	ug/L	91
67) 1,2-Dichlorobenzene	11.574	146	8078	0.238	ug/L #	91

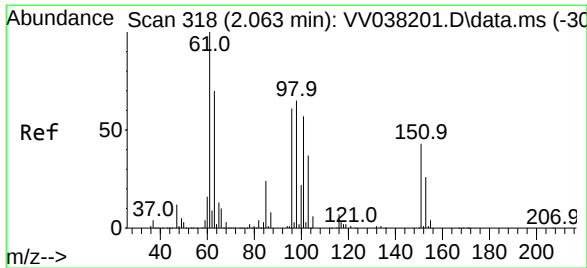
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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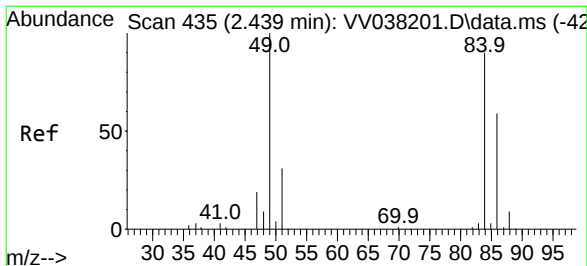
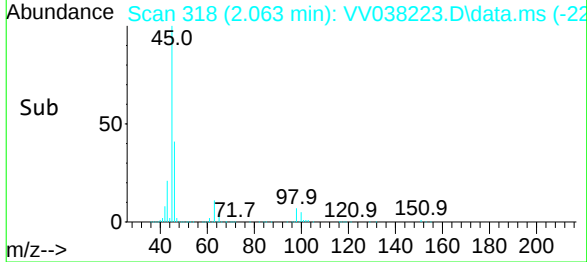
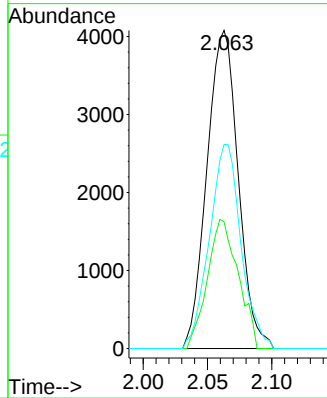
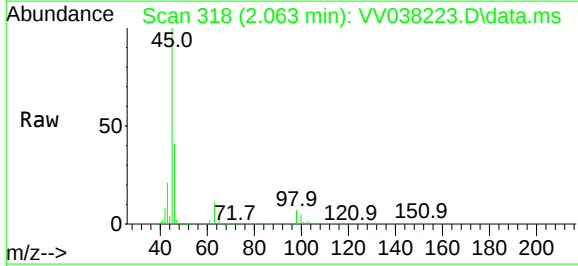




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.369 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038223.D
Acq: 20 Nov 2024 18:22

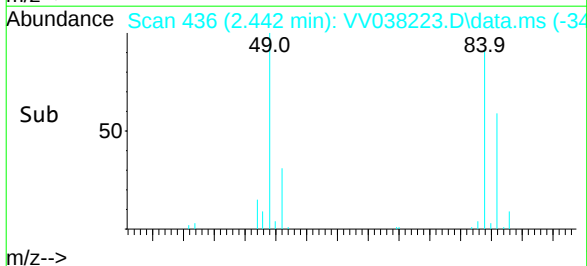
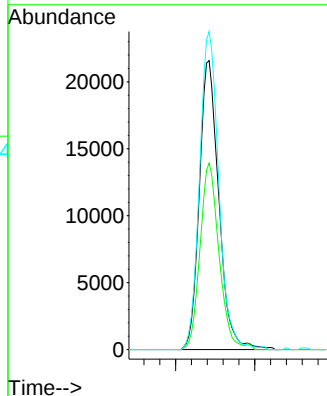
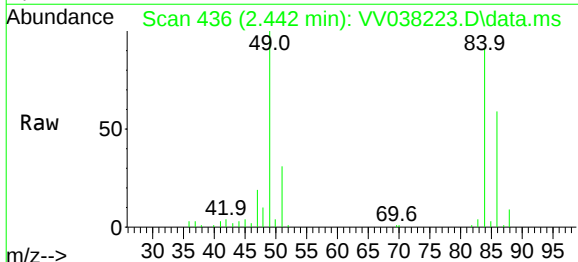
Instrument :
MSVOA_V
ClientSampleId :
BG3K7

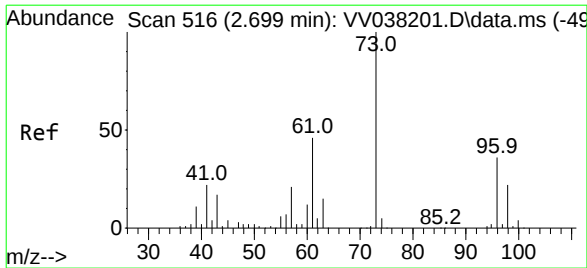
Tgt Ion: 101 Resp: 6898
Ion Ratio Lower Upper
101 100
85 39.9 33.4 50.0
151 65.0 58.8 88.2



#16
Methylene chloride
Concen: 1.816 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038223.D
Acq: 20 Nov 2024 18:22

Tgt Ion: 84 Resp: 36901
Ion Ratio Lower Upper
84 100
86 64.5 44.2 82.2
49 110.0 74.9 139.1

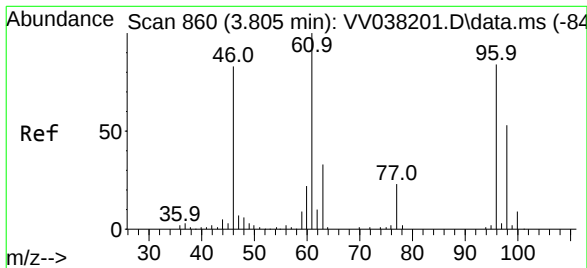
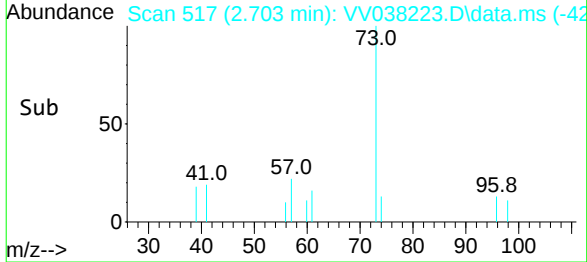
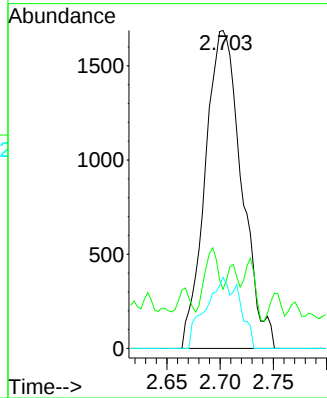
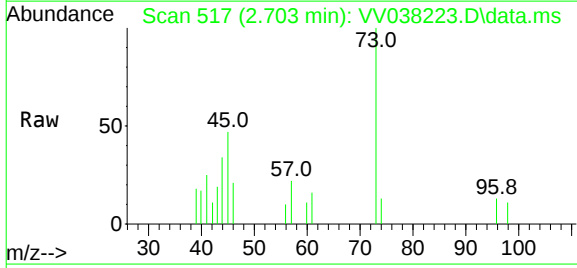




#17
Methyl tert-butyl Ether
Concen: 0.100 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038223.D
Acq: 20 Nov 2024 18:22

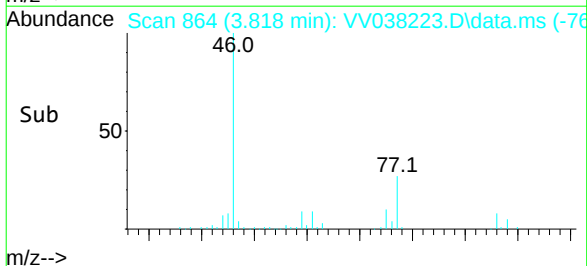
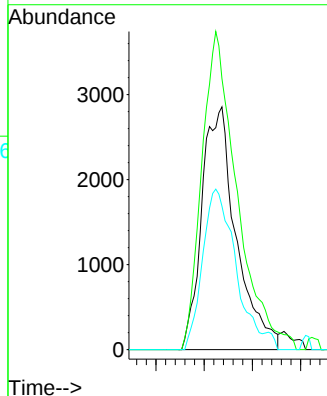
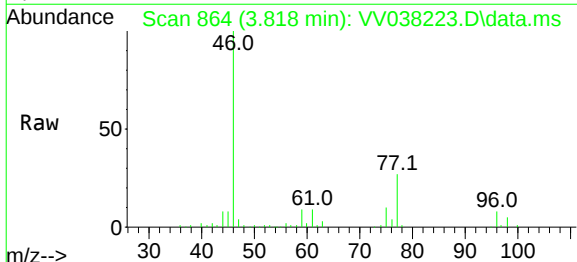
Instrument :
MSVOA_V
ClientSampleId :
BG3K7

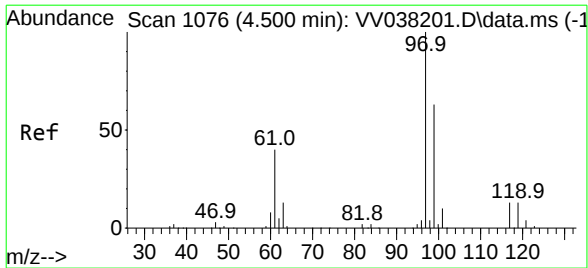
Tgt Ion: 73 Resp: 4015
Ion Ratio Lower Upper
73 100
43 4.5 14.2 21.2#
57 20.8 17.6 26.4



#22
cis-1,2-Dichloroethene
Concen: 0.363 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.013 min
Lab File: VV038223.D
Acq: 20 Nov 2024 18:22

Tgt Ion: 96 Resp: 7051
Ion Ratio Lower Upper
96 100
61 111.7 82.7 153.5
98 59.1 46.3 85.9

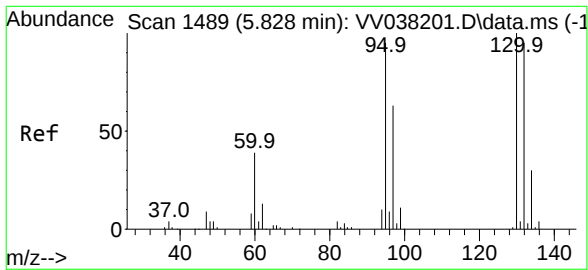
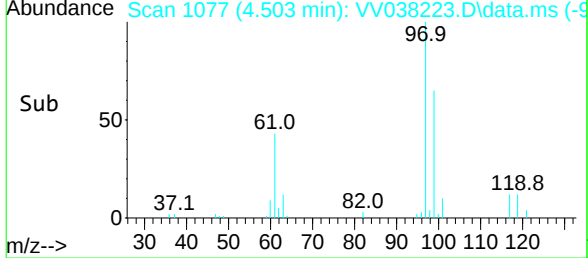
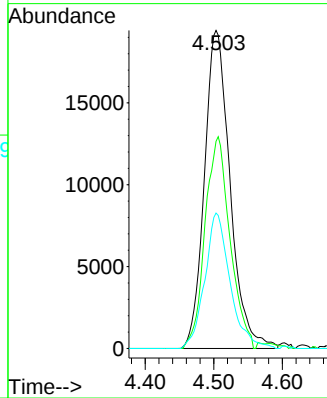
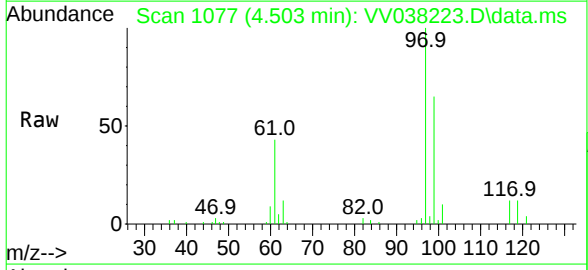




#29
1,1,1-Trichloroethane
Concen: 1.545 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038223.D
Acq: 20 Nov 2024 18:22

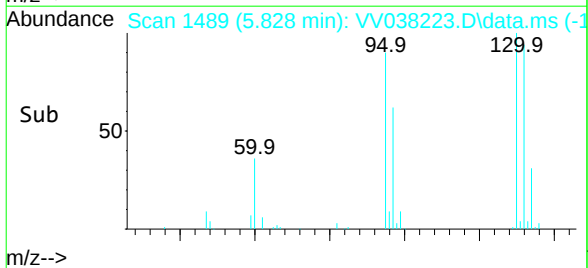
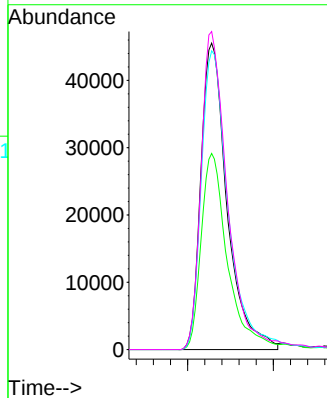
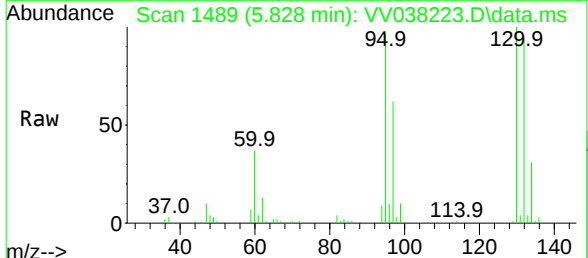
Instrument :
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ClientSampleId :
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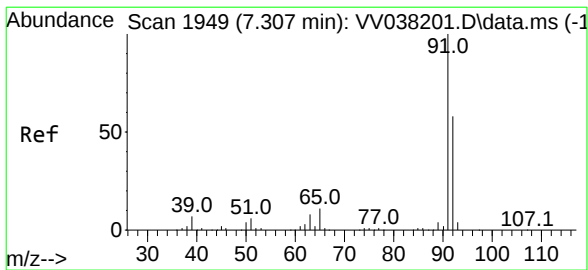
Tgt Ion:	97	Resp:	50677
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.8
61	41.8	32.2	48.2



#34
Trichloroethene
Concen: 4.619 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV038223.D
Acq: 20 Nov 2024 18:22

Tgt Ion:	95	Resp:	96742
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.8	83.2
132	97.5	68.3	126.8
130	103.8	70.2	130.4

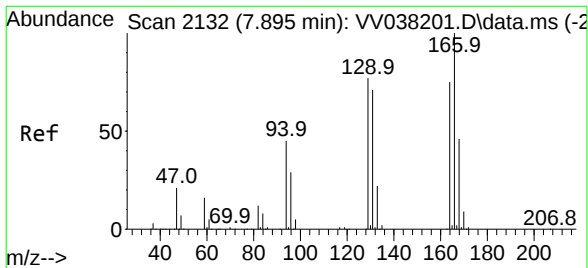
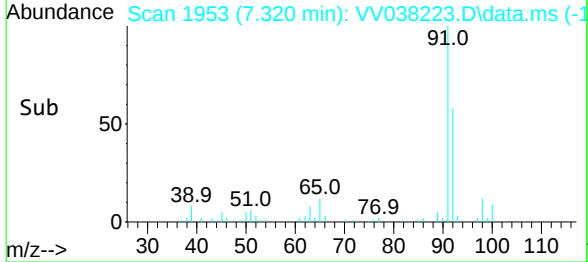
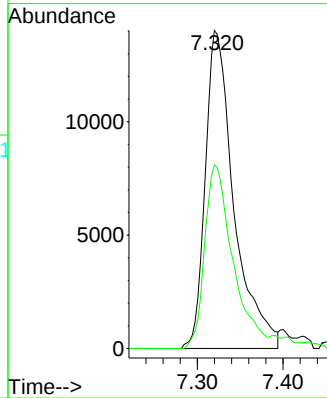
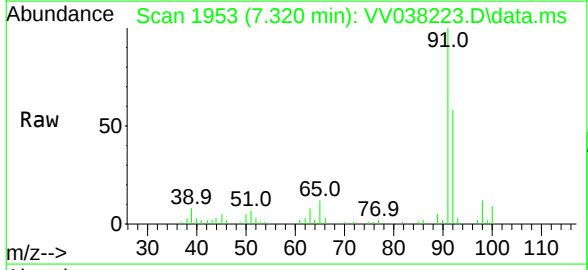




#42
Toluene
Concen: 0.400 ug/L
RT: 7.320 min Scan# 19
Delta R.T. 0.013 min
Lab File: VV038223.D
Acq: 20 Nov 2024 18:22

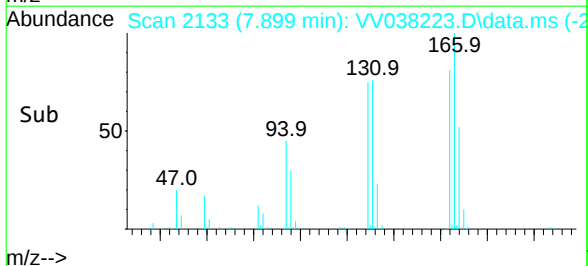
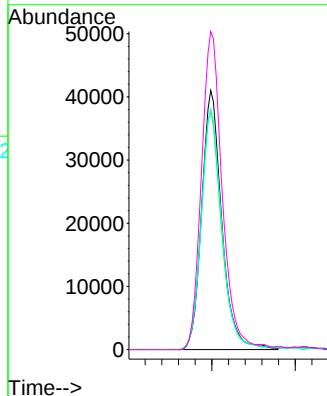
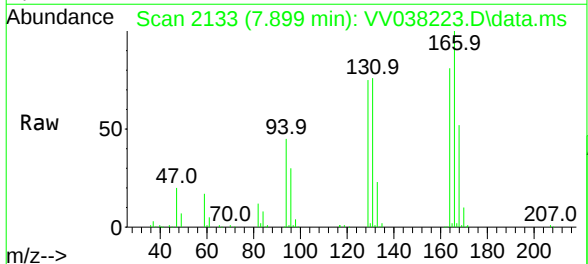
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MSVOA_V
ClientSampleId :
BG3K7

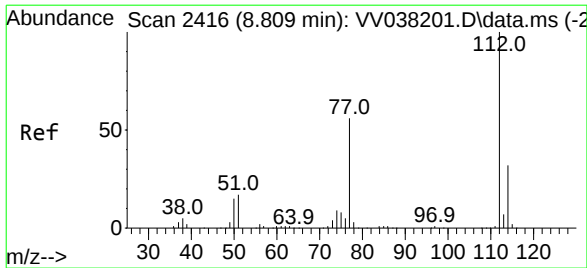
Tgt Ion: 91 Resp: 32530
Ion Ratio Lower Upper
91 100
92 57.7 40.8 75.8



#47
Tetrachloroethene
Concen: 4.071 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038223.D
Acq: 20 Nov 2024 18:22

Tgt Ion: 164 Resp: 68508
Ion Ratio Lower Upper
164 100
129 92.0 68.5 127.1
131 92.9 64.8 120.4
166 122.8 88.3 163.9





#51

Chlorobenzene

Concen: 0.289 ug/L

RT: 8.812 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV038223.D

Acq: 20 Nov 2024 18:22

Instrument :

MSVOA_V

ClientSampleId :

BG3K7

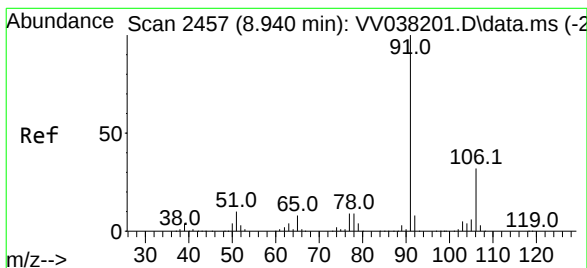
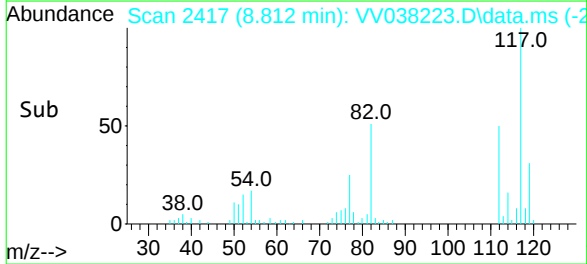
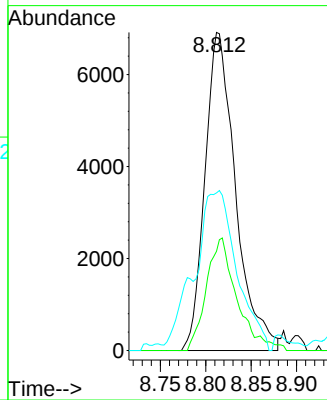
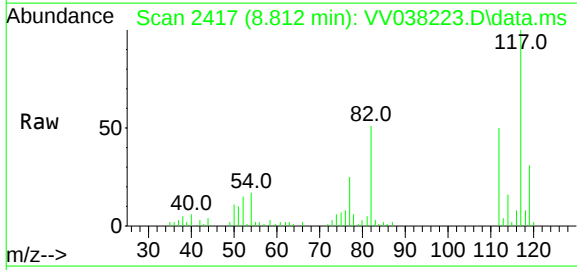
Tgt Ion: 112 Resp: 16228

Ion Ratio Lower Upper

112 100

114 31.2 22.0 40.8

77 49.6 45.0 67.4



#52

Ethylbenzene

Concen: 0.116 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.016 min

Lab File: VV038223.D

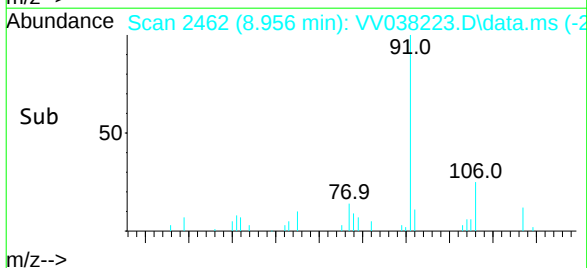
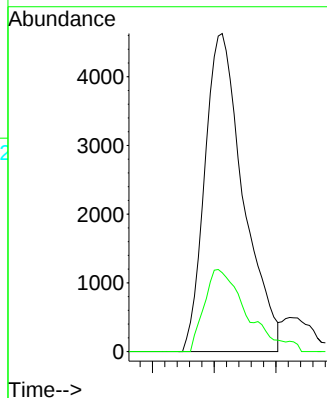
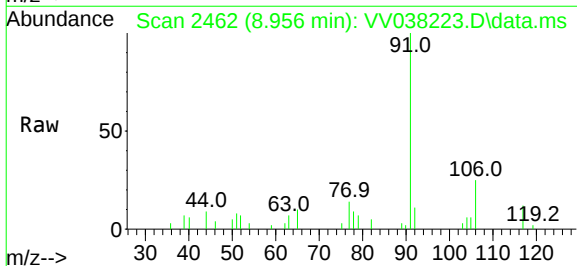
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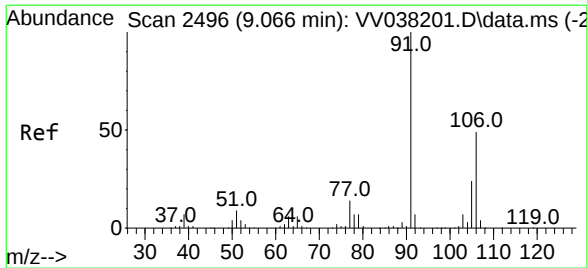
Tgt Ion: 91 Resp: 10038

Ion Ratio Lower Upper

91 100

106 24.8 21.8 40.4





#53

m,p-Xylene

Concen: 0.234 ug/L

RT: 9.075 min Scan# 2496

Delta R.T. 0.010 min

Lab File: VV038223.D

Acq: 20 Nov 2024 18:22

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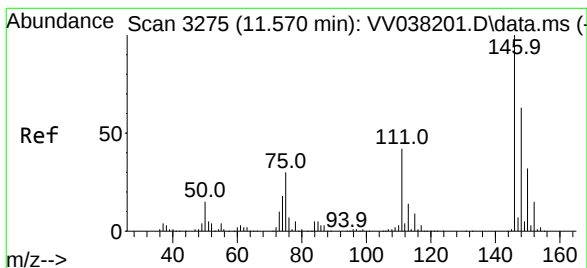
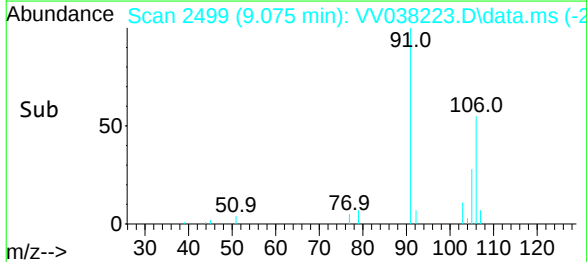
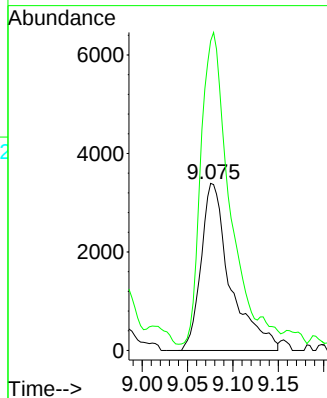
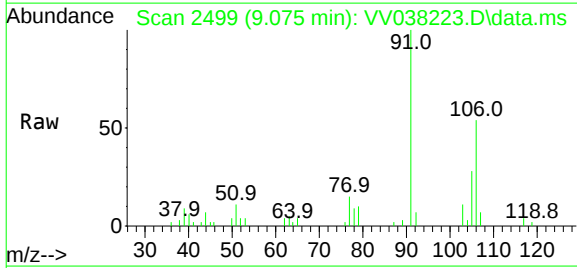
BG3K7

Tgt Ion:106 Resp: 7618

Ion Ratio Lower Upper

106 100

91 185.3 138.7 257.5



#67

1,2-Dichlorobenzene

Concen: 0.238 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038223.D

Acq: 20 Nov 2024 18:22

Tgt Ion:146 Resp: 8078

Ion Ratio Lower Upper

146 100

111 52.7 34.2 51.2#

148 60.3 51.0 76.4

