

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038316.D
 Acq On : 23 Nov 2024 22:26
 Operator : SY/MD
 Sample : P4884-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N6

Quant Time: Nov 23 23:03:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

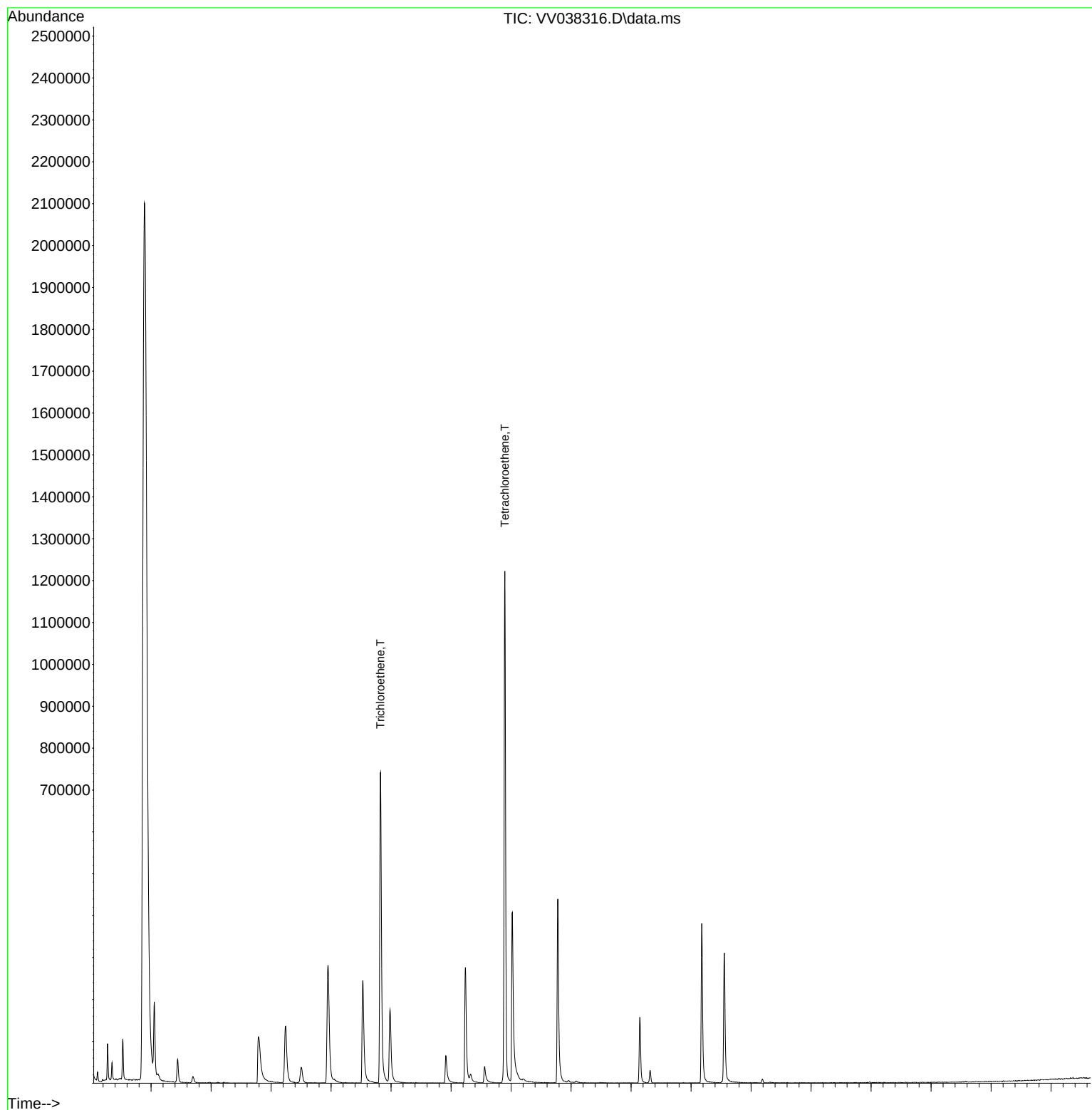
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	231765	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	264731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	110798	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	55893	3.146	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.529	69	61246	4.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.053	65	26279	3.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.786	46	186351	52.439	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.880%
24) Chloroform-d	4.240	84	158388	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.937	65	80223	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	4.953	84	264004	3.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	5.982	67	92210	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.239	98	211777	3.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	7.558	79	29746	3.800	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.018	63	153072	50.307	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.620%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	81893	4.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	90167	4.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	4593	0.209	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3530	0.203	ug/L #	85
16) Methylene chloride	2.442	84	25182	1.334	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	11938	0.319	ug/L #	84
22) cis-1,2-Dichloroethene	3.809	96	18437	1.022	ug/L	91
25) Chloroform	4.269	83	5694	0.168	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	32380	1.020	ug/L	97
34) Trichloroethene	5.822	95	276770	13.653	ug/L	99
42) Toluene	7.326	91	17891	0.227	ug/L	95
47) Tetrachloroethene	7.895	164	275560	16.917	ug/L	99
51) Chlorobenzene	8.812	112	11355	0.209	ug/L	94
53) m,p-Xylene	9.085	106	1782	0.057	ug/L	93

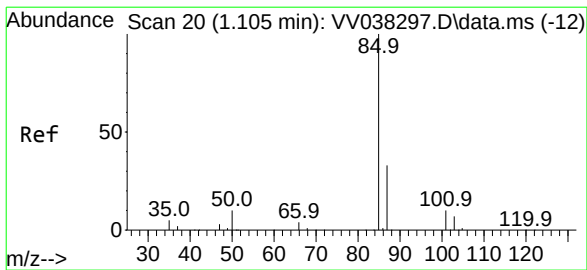
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.209 ug/L

RT: 1.105 min Scan# 20

Delta R.T. 0.000 min

Lab File: VV038316.D

Acq: 23 Nov 2024 22:26

Instrument :

MSVOA_V

ClientSampleId :

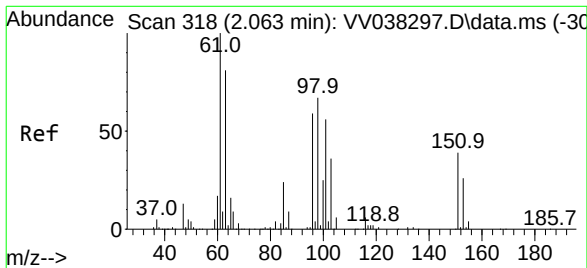
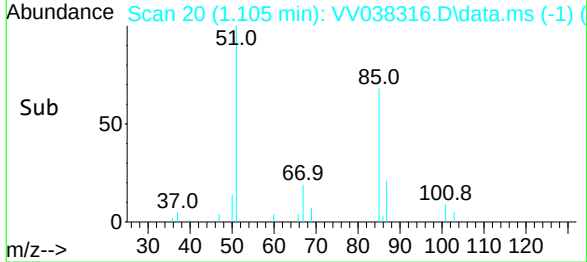
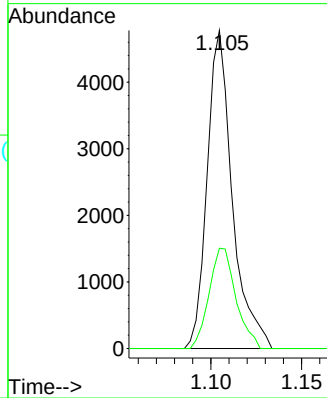
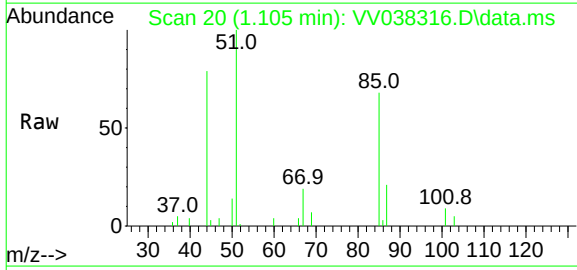
BG3N6

Tgt Ion: 85 Resp: 4593

Ion Ratio Lower Upper

85 100

87 33.7 26.5 39.7



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.203 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV038316.D

Acq: 23 Nov 2024 22:26

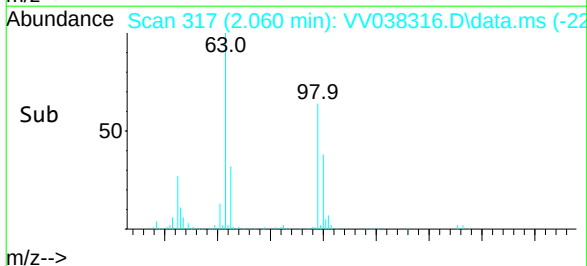
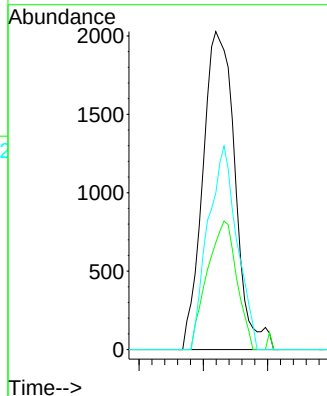
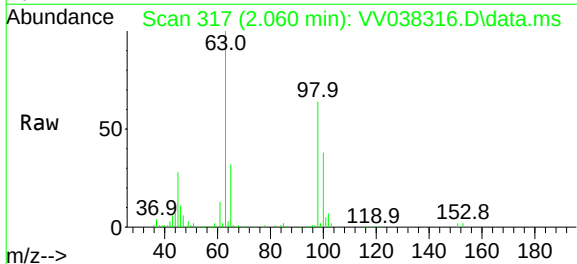
Tgt Ion: 101 Resp: 3530

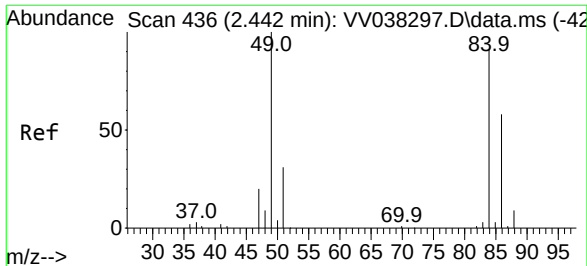
Ion Ratio Lower Upper

101 100

85 36.8 33.4 50.0

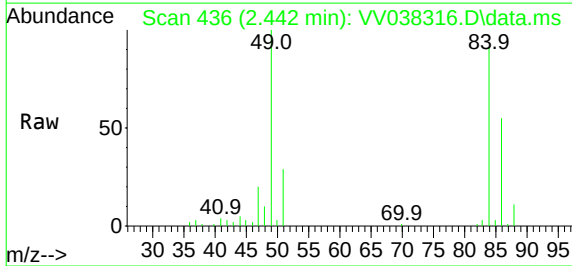
151 57.6 58.8 88.2#



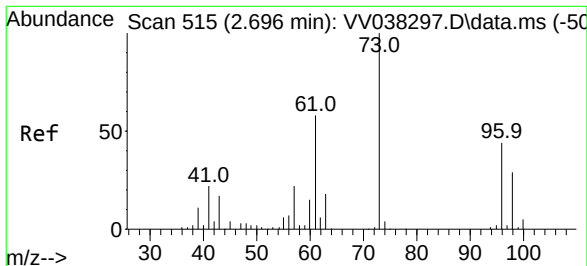
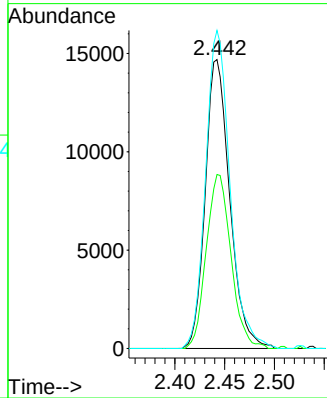
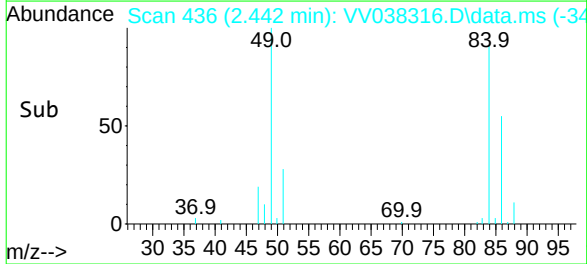


#16
Methylene chloride
Concen: 1.334 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Instrument :
MSVOA_V
ClientSampleId :
BG3N6

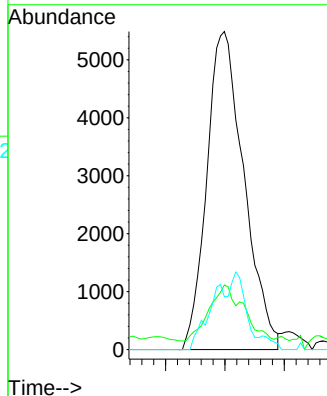
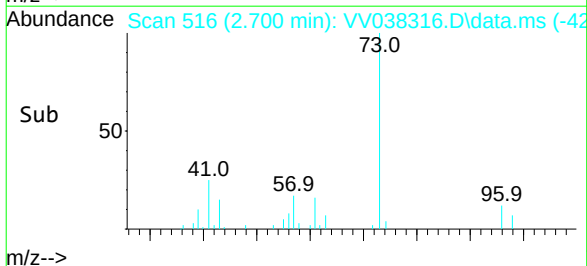
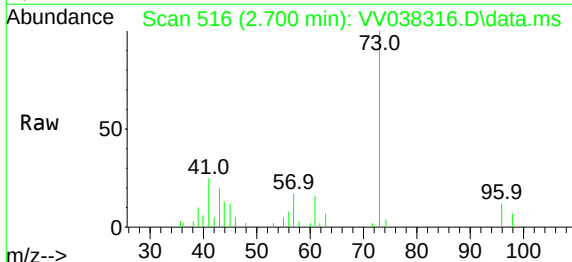


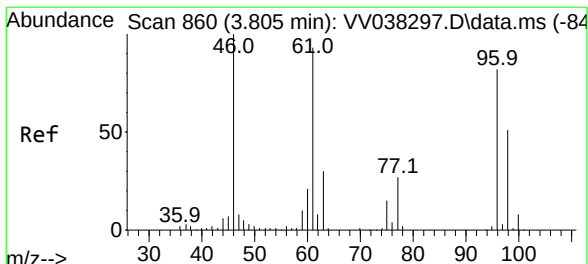
Tgt Ion: 84 Resp: 25182
Ion Ratio Lower Upper
84 100
86 60.2 44.2 82.2
49 110.1 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.319 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Tgt Ion: 73 Resp: 11938
Ion Ratio Lower Upper
73 100
43 16.3 14.2 21.2
57 9.7 17.6 26.4#

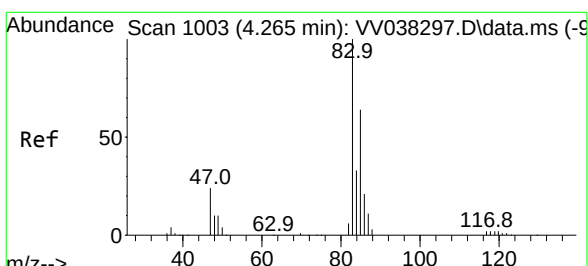
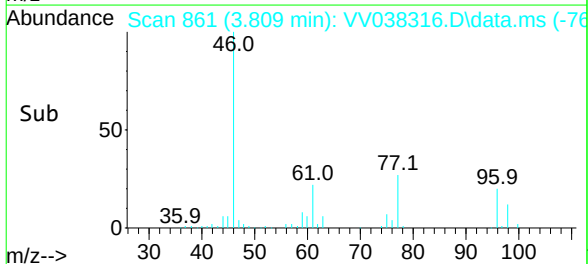
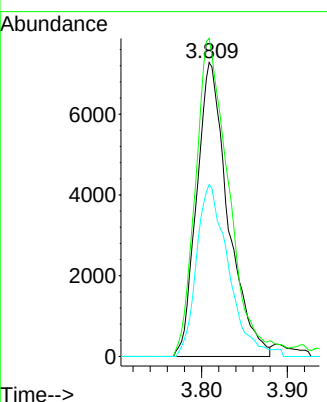
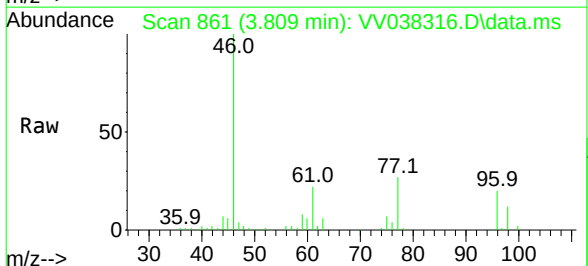




#22
 cis-1,2-Dichloroethene
 Concen: 1.022 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038316.D
 Acq: 23 Nov 2024 22:26

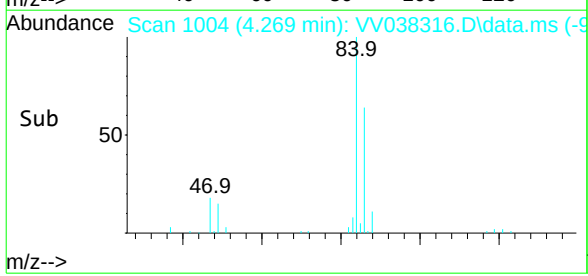
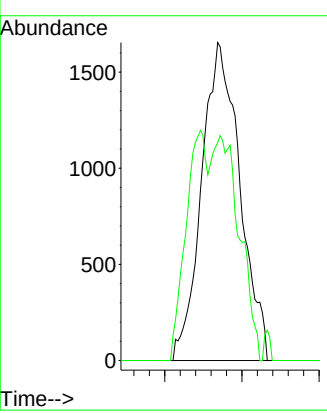
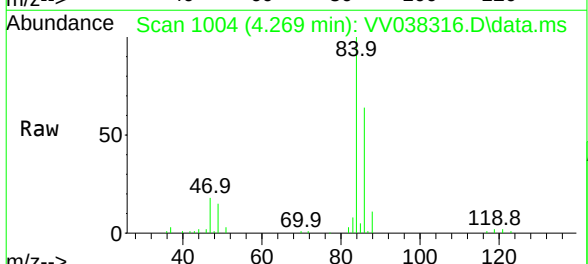
Instrument :
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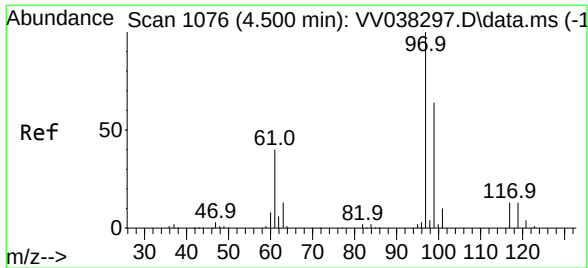
Tgt Ion:	96	Resp:	18437
Ion	Ratio	Lower	Upper
96	100		
61	108.2	82.7	153.5
98	58.5	46.3	85.9



#25
 Chloroform
 Concen: 0.168 ug/L
 RT: 4.269 min Scan# 1004
 Delta R.T. 0.000 min
 Lab File: VV038316.D
 Acq: 23 Nov 2024 22:26

Tgt Ion:	83	Resp:	5694
Ion	Ratio	Lower	Upper
83	100		
85	68.6	46.5	86.3

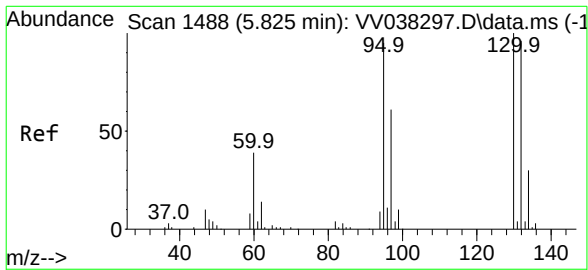
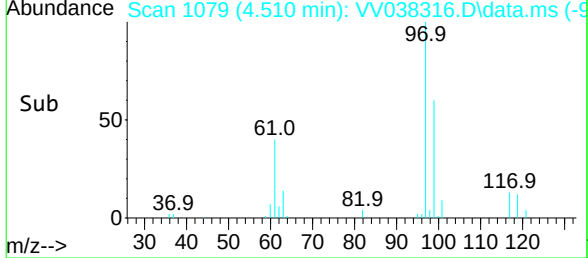
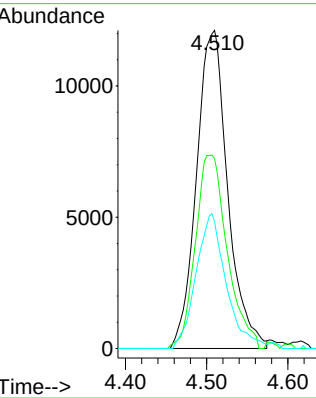
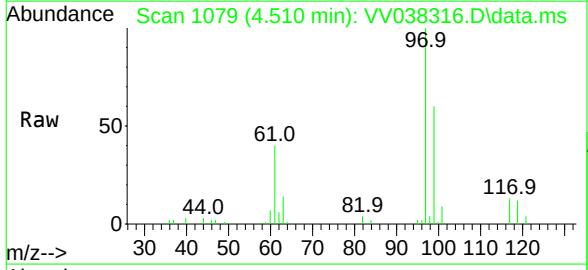




#29
1,1,1-Trichloroethane
Concen: 1.020 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.007 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

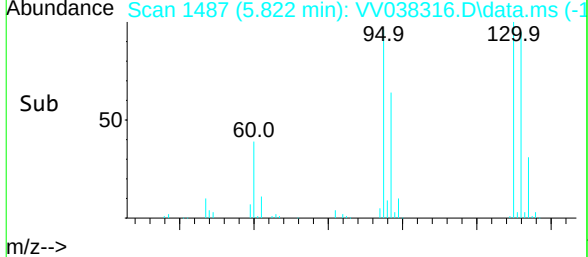
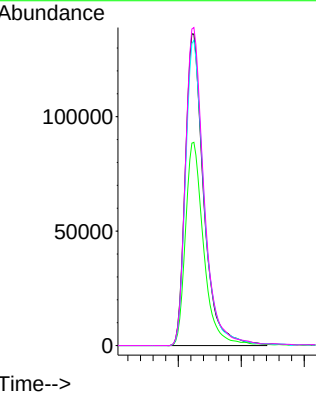
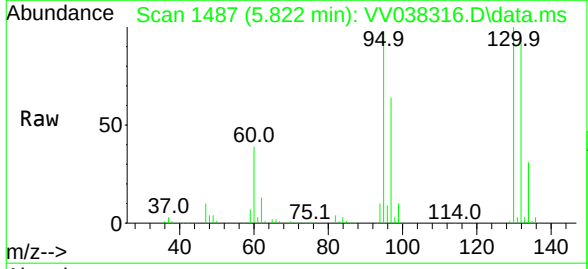
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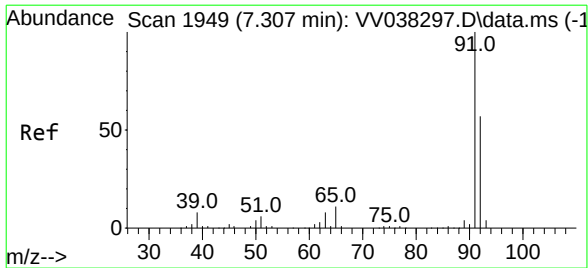
Tgt Ion:	97	Resp:	32380
Ion	Ratio	Lower	Upper
97	100		
99	61.9	51.8	77.8
61	40.8	32.2	48.2



#34
Trichloroethene
Concen: 13.653 ug/L
RT: 5.822 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Tgt Ion:	95	Resp:	276770
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.8	83.2
132	96.9	68.3	126.8
130	101.6	70.2	130.4





#42

Toluene

Concen: 0.227 ug/L

RT: 7.326 min Scan# 19

Delta R.T. 0.019 min

Lab File: VV038316.D

Acq: 23 Nov 2024 22:26

Instrument :

MSVOA_V

ClientSampleId :

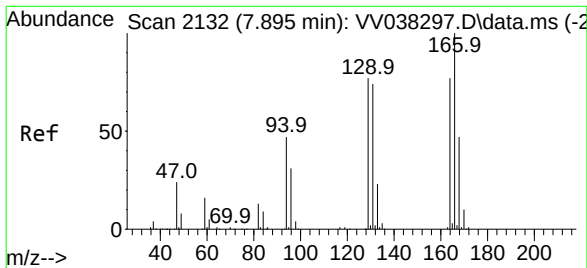
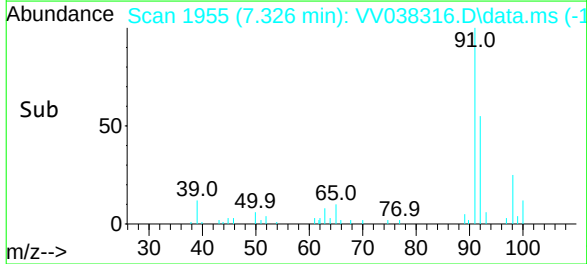
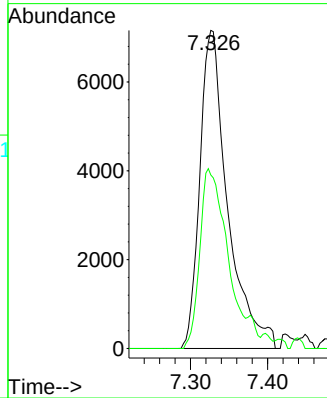
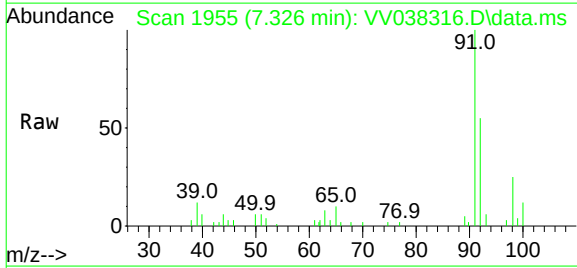
BG3N6

Tgt Ion: 91 Resp: 17891

Ion Ratio Lower Upper

91 100

92 54.6 40.8 75.8



#47

Tetrachloroethene

Concen: 16.917 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038316.D

Acq: 23 Nov 2024 22:26

Tgt Ion: 164 Resp: 275560

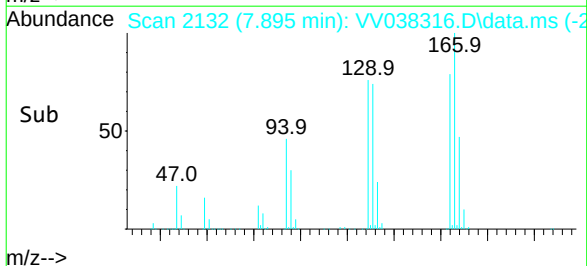
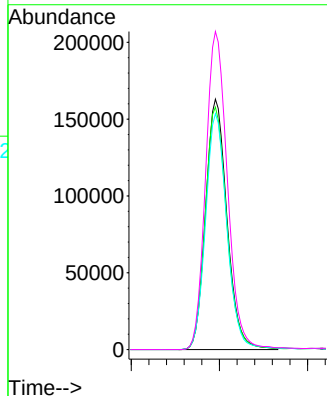
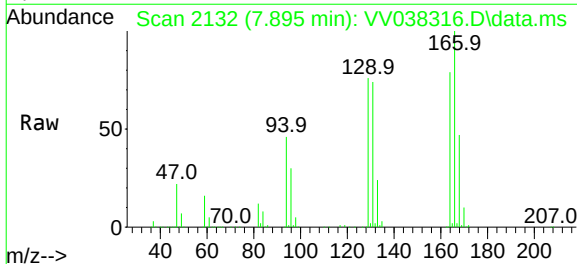
Ion Ratio Lower Upper

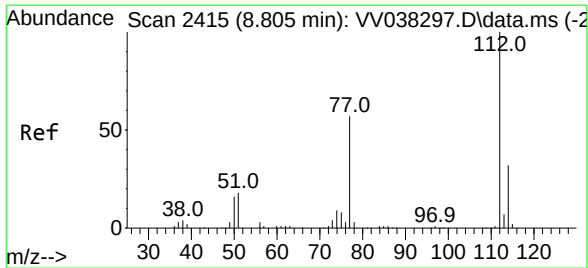
164 100

129 96.8 68.5 127.1

131 94.2 64.8 120.4

166 127.0 88.3 163.9

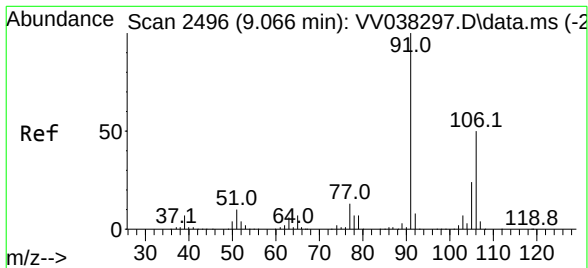
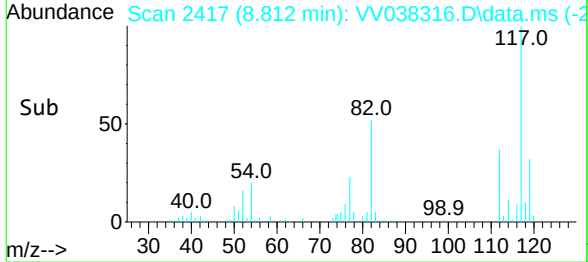
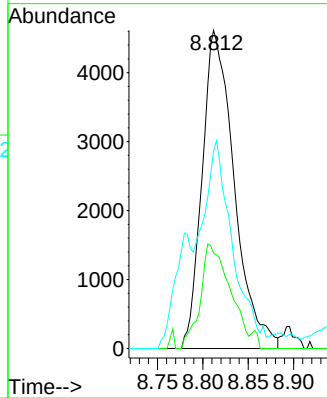
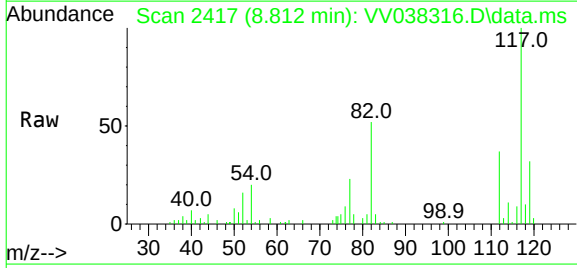




#51
Chlorobenzene
Concen: 0.209 ug/L
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
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Tgt Ion:	112	Resp:	11355
Ion Ratio	Lower	Upper	
112	100		
114	29.9	22.0	40.8
77	62.2	45.0	67.4



#53
m,p-Xylene
Concen: 0.057 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.019 min
Lab File: VV038316.D
Acq: 23 Nov 2024 22:26

Tgt Ion:	106	Resp:	1782
Ion Ratio	Lower	Upper	
106	100		
91	186.9	138.7	257.5

