

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038310.D
 Acq On : 23 Nov 2024 20:01
 Operator : SY/MD
 Sample : P4884-02DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M6DL

Quant Time: Nov 23 23:02:29 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)

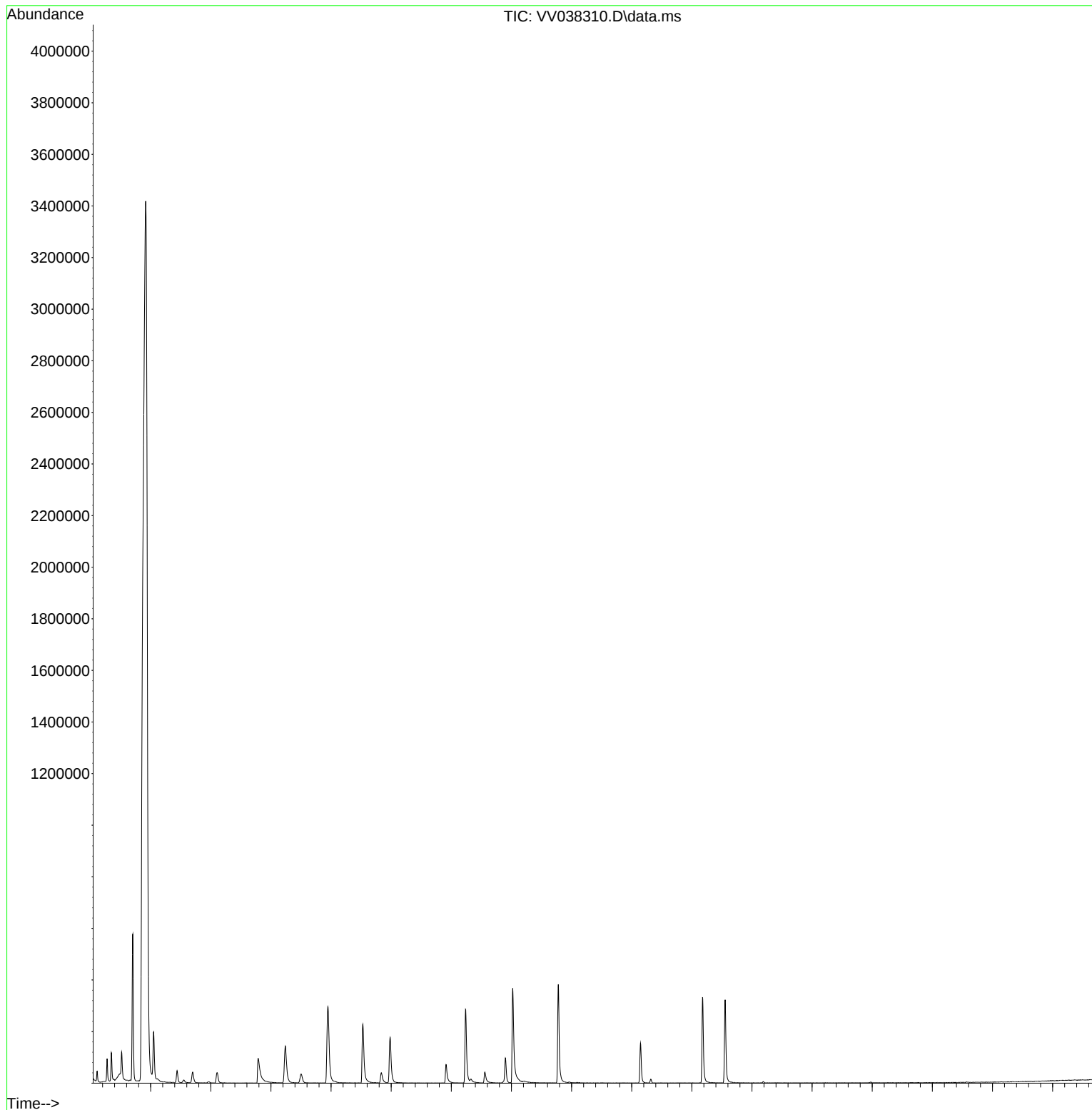
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	219960	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	233866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	97460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	59564	3.533	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.516	69	50592	3.710	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.047	65	27472	3.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.786	46	178455	52.912	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.820%
24) Chloroform-d	4.239	84	159703	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.934	65	81154	5.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	4.950	84	276235	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.982	67	95335	5.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.236	98	215785	3.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.558	79	32650	4.722	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.021	63	143113	53.241	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.480%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83148	5.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	91265	5.496	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds	Qvalue					
9) Trichlorofluoromethane	1.703	101	340851	11.795	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	6588	0.399	ug/L	89
16) Methylene chloride	2.439	84	20085	1.121	ug/L	95
17) Methyl tert-butyl Ether	2.696	73	42245	1.189	ug/L	98
19) 1,1-Dichloroethane	3.104	63	44501	1.481	ug/L	99
25) Chloroform	4.268	83	5937	0.185	ug/L	83
29) 1,1,1-Trichloroethane	4.500	97	32042	1.142	ug/L	96
34) Trichloroethene	5.837	95	17700	0.988	ug/L	98
42) Toluene	7.333	91	11157	0.160	ug/L	100
47) Tetrachloroethene	7.898	164	24452	1.699	ug/L	99
51) Chlorobenzene	8.818	112	7596	0.158	ug/L	86

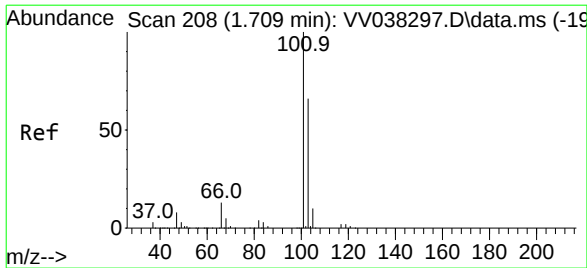
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 11.795 ug/L

RT: 1.703 min Scan# 208

Delta R.T. -0.006 min

Lab File: VV038310.D

Acq: 23 Nov 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

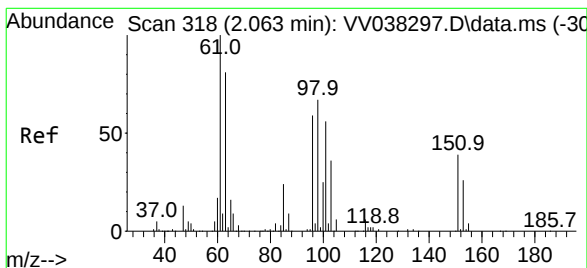
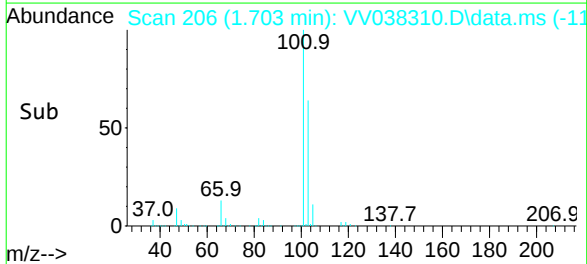
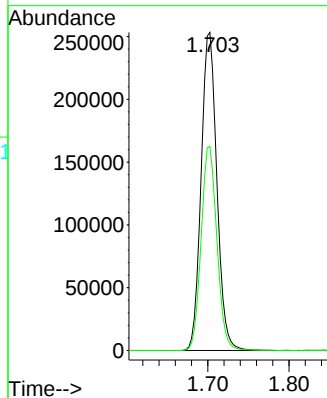
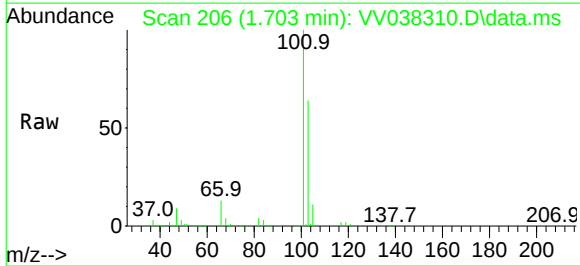
BG3M6DL

Tgt Ion:101 Resp: 340851

Ion Ratio Lower Upper

101 100

103 64.4 51.5 77.3



#10

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

Concen: 0.399 ug/L

RT: 2.056 min Scan# 316

Delta R.T. -0.006 min

Lab File: VV038310.D

Acq: 23 Nov 2024 20:01

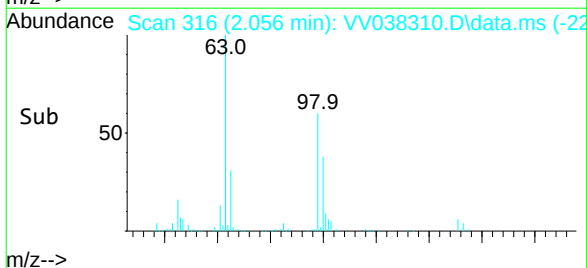
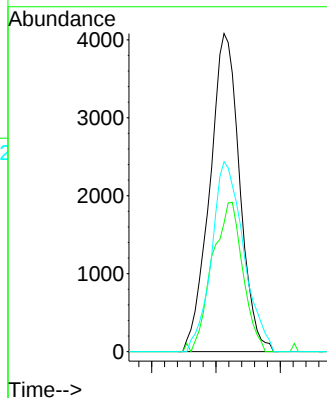
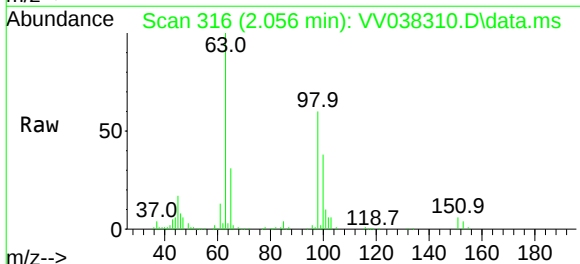
Tgt Ion:101 Resp: 6588

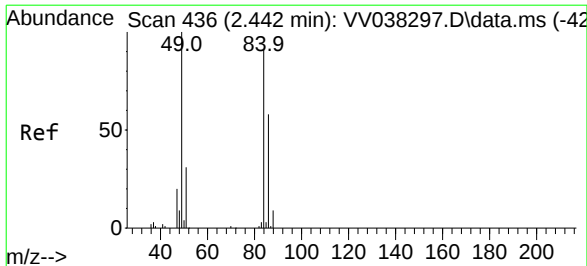
Ion Ratio Lower Upper

101 100

85 48.0 33.4 50.0

151 63.8 58.8 88.2





#16

Methylene chloride

Concen: 1.121 ug/L

RT: 2.439 min Scan# 43

Delta R.T. -0.000 min

Lab File: VV038310.D

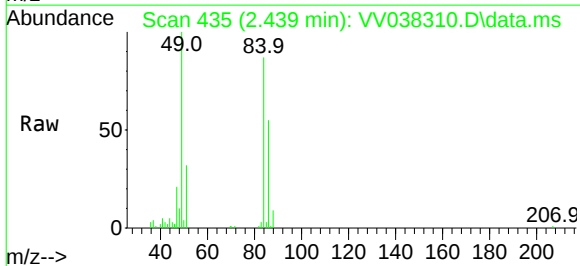
Acq: 23 Nov 2024 20:01

Instrument :

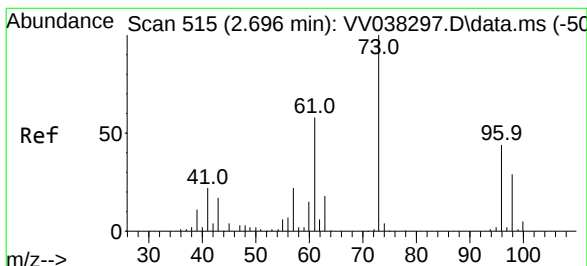
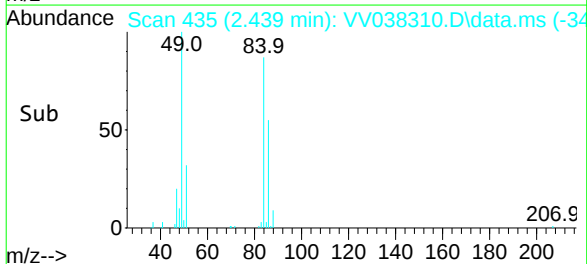
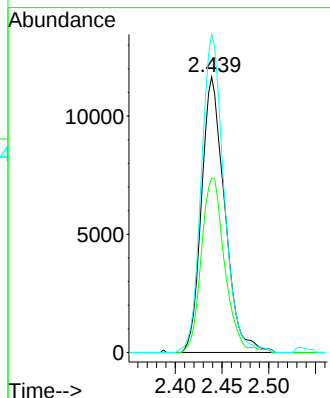
MSVOA_V

ClientSampleId :

BG3M6DL



Tgt Ion:	84	Resp:	20085
Ion	Ratio	Lower	Upper
84	100		
86	63.3	44.2	82.2
49	115.4	74.9	139.1



#17

Methyl tert-butyl Ether

Concen: 1.189 ug/L

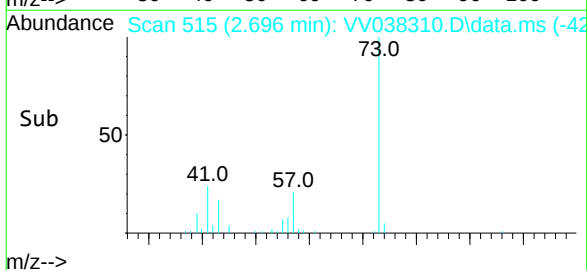
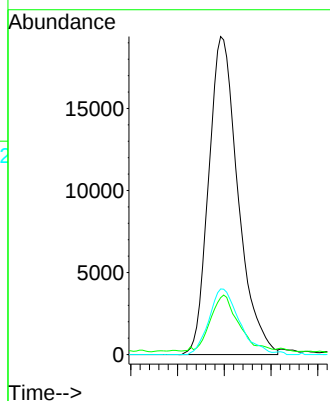
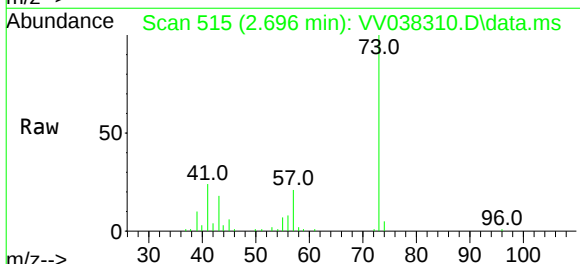
RT: 2.696 min Scan# 515

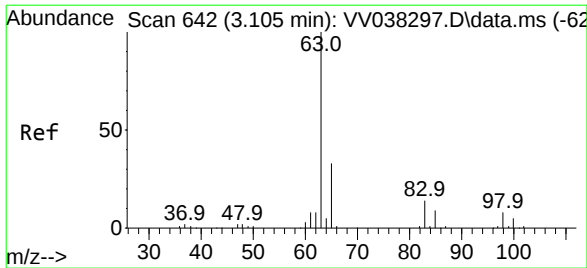
Delta R.T. -0.000 min

Lab File: VV038310.D

Acq: 23 Nov 2024 20:01

Tgt Ion:	73	Resp:	42245
Ion	Ratio	Lower	Upper
73	100		
43	16.8	14.2	21.2
57	21.4	17.6	26.4

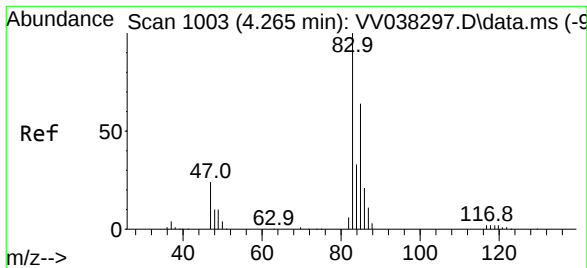
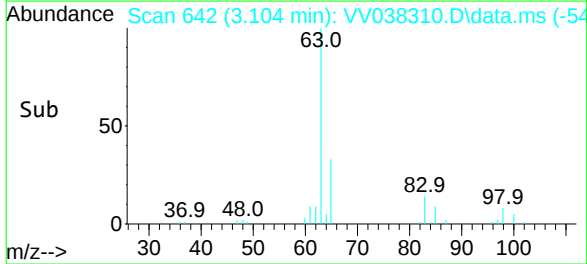
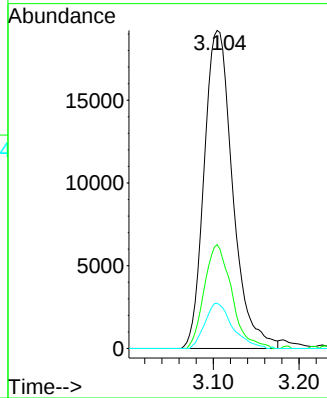
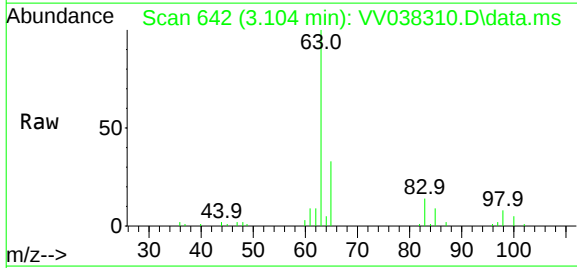




#19
1,1-Dichloroethane
Concen: 1.481 ug/L
RT: 3.104 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

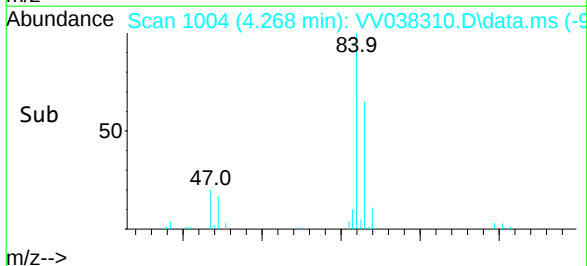
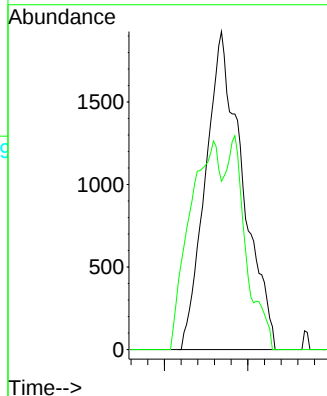
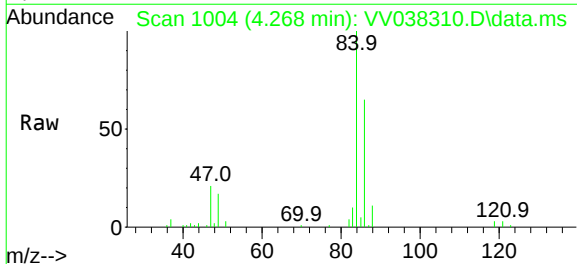
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MSVOA_V
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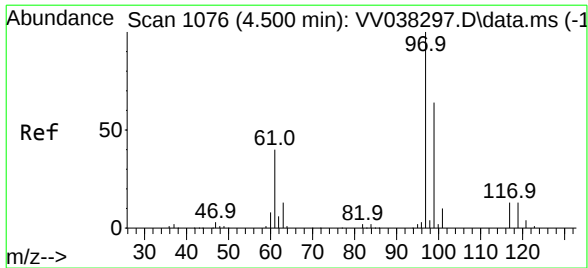
Tgt Ion:	63	Resp:	44501
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.5	41.7
83	14.2	10.1	18.9



#25
Chloroform
Concen: 0.185 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

Tgt Ion:	83	Resp:	5937
Ion	Ratio	Lower	Upper
83	100		
85	52.9	46.5	86.3

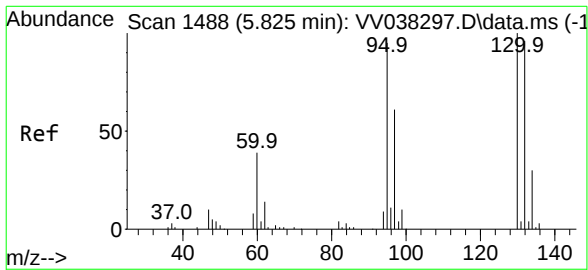
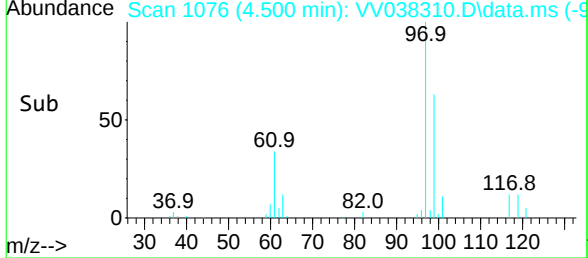
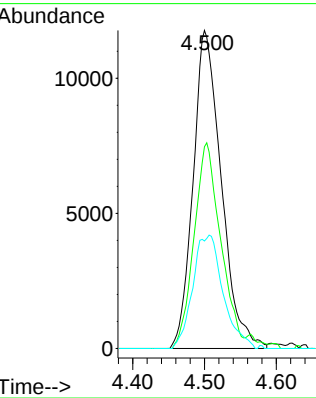
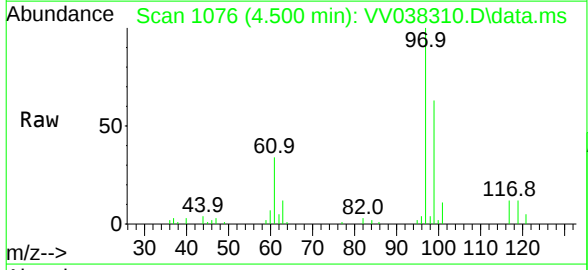




#29
1,1,1-Trichloroethane
Concen: 1.142 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

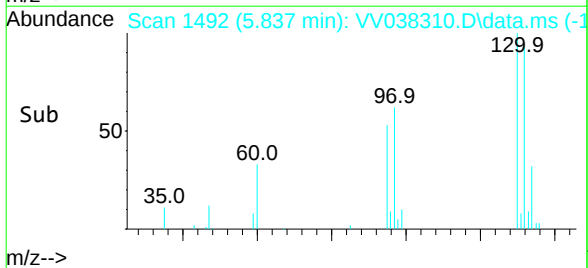
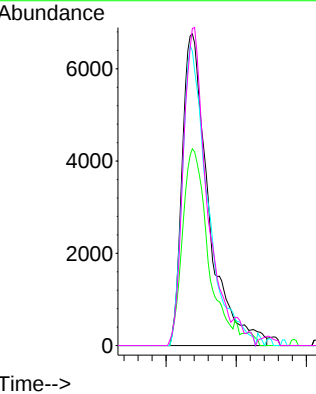
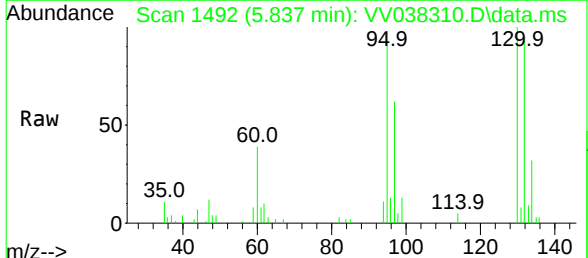
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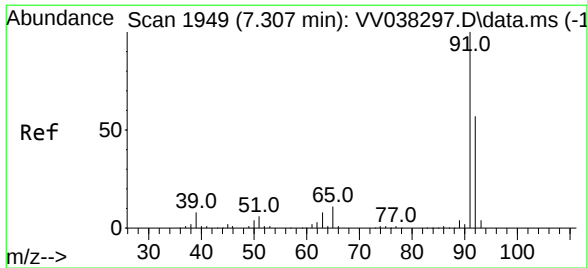
Tgt Ion:	97	Resp:	32042
Ion	Ratio	Lower	Upper
97	100		
99	61.1	51.8	77.8
61	38.4	32.2	48.2



#34
Trichloroethene
Concen: 0.988 ug/L
RT: 5.837 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

Tgt Ion:	95	Resp:	17700
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.8	83.2
132	94.5	68.3	126.8
130	101.7	70.2	130.4





#42

Toluene

Concen: 0.160 ug/L

RT: 7.333 min Scan# 19

Delta R.T. 0.026 min

Lab File: VV038310.D

Acq: 23 Nov 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

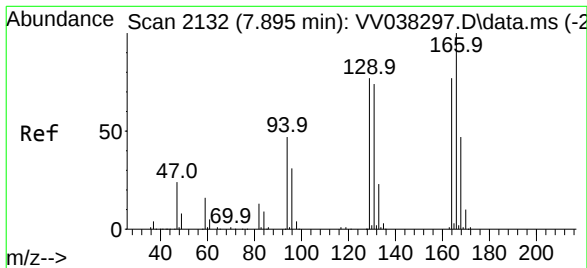
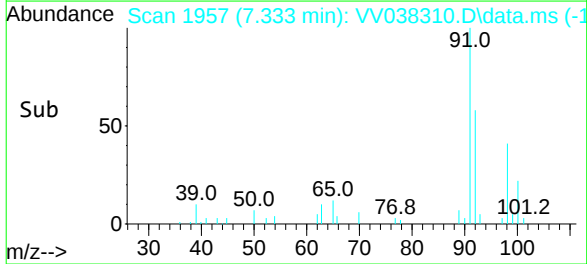
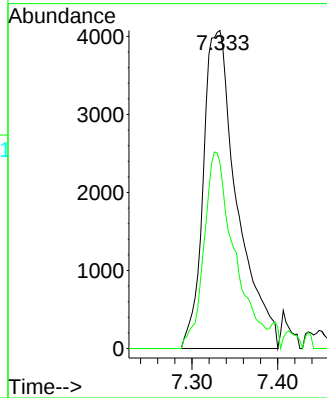
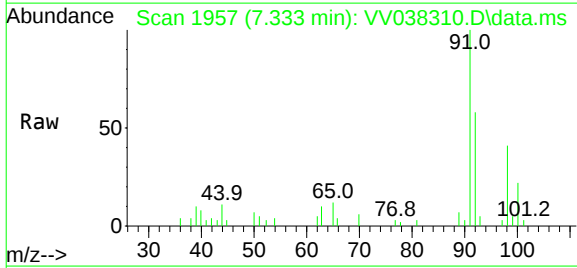
BG3M6DL

Tgt Ion: 91 Resp: 11157

Ion Ratio Lower Upper

91 100

92 58.4 40.8 75.8



#47

Tetrachloroethene

Concen: 1.699 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038310.D

Acq: 23 Nov 2024 20:01

Tgt Ion: 164 Resp: 24452

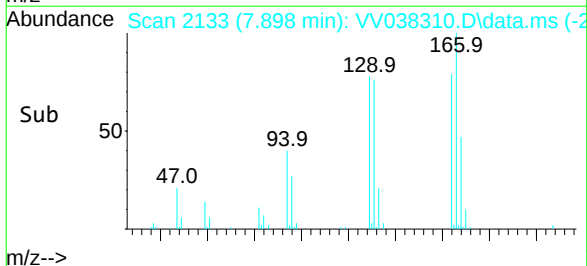
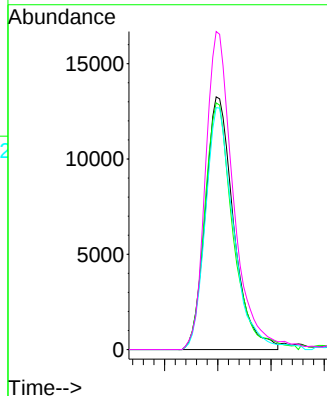
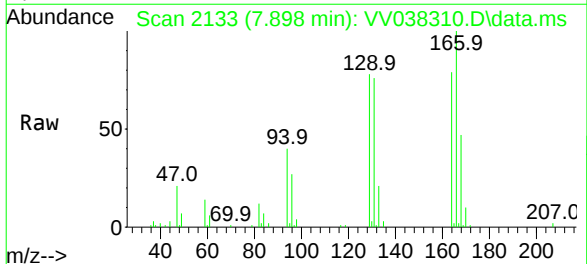
Ion Ratio Lower Upper

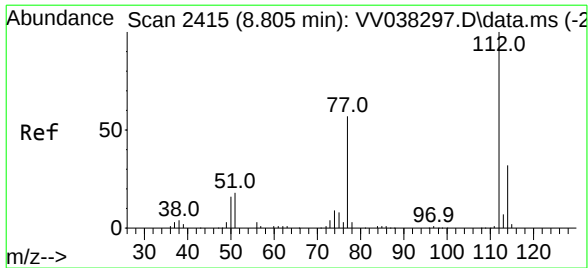
164 100

129 97.6 68.5 127.1

131 95.7 64.8 120.4

166 125.9 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.158 ug/L
 RT: 8.818 min Scan# 2419
 Delta R.T. 0.013 min
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Tgt Ion:	112	Resp:	7596
Ion	Ratio	Lower	Upper
112	100		
114	25.0	22.0	40.8
77	66.9	45.0	67.4

