

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112424\
 Data File : VV038324.D
 Acq On : 24 Nov 2024 12:04
 Operator : SY/MD
 Sample : P4884-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M6

Quant Time: Nov 25 00:22:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 00:21:44 2024
 Response via : Initial Calibration

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

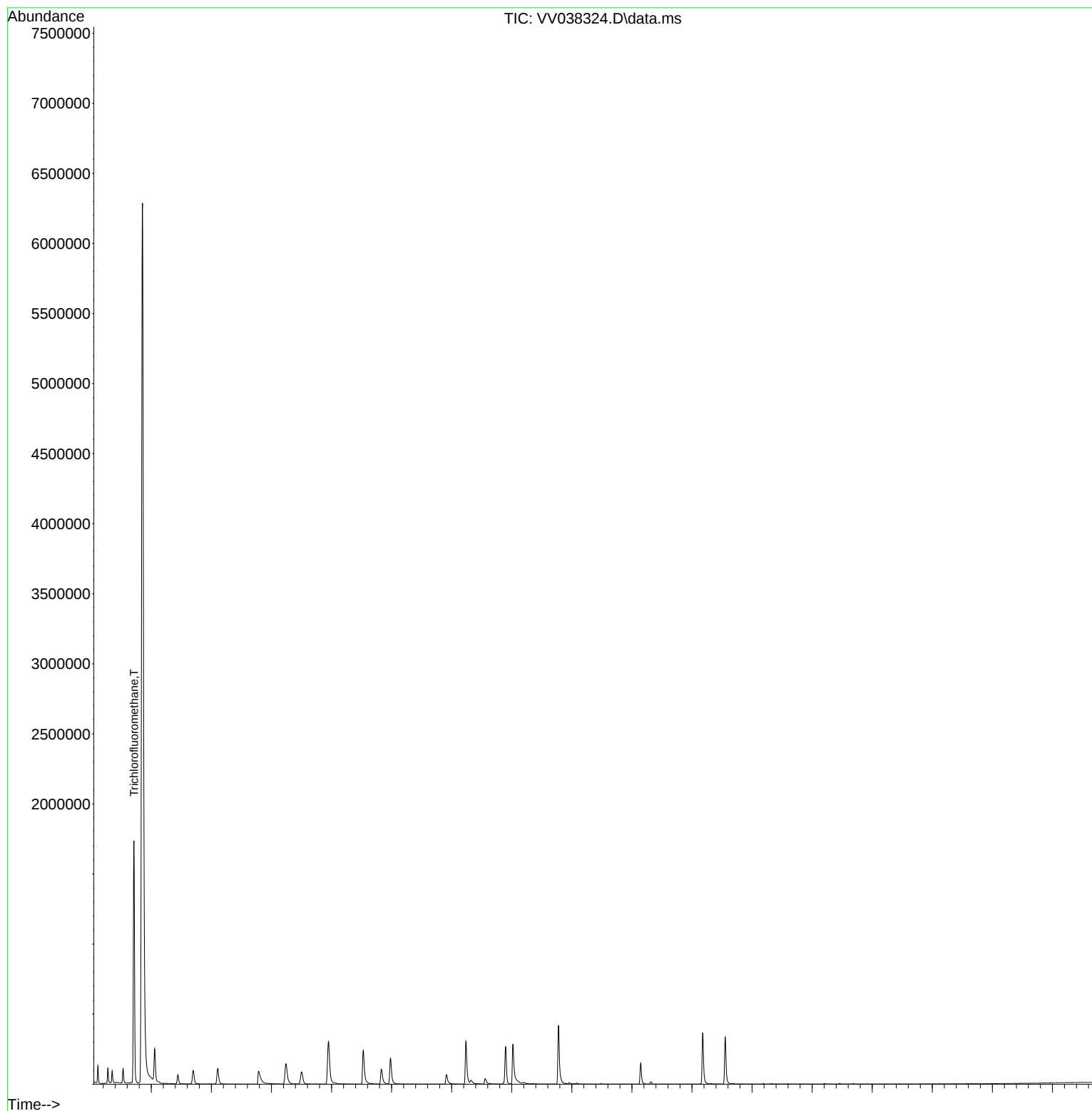
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	229951	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	247003	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	104930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70134	3.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.529	69	66372	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.053	65	32247	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.786	46	160423	45.499	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.000%
24) Chloroform-d	4.240	84	164365	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	4.937	65	76044	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.953	84	288129	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	5.982	67	97226	4.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.236	98	230415	3.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.558	79	30750	4.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.018	63	105860	37.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.580%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	75981	4.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	89452	5.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds				Qvalue		
9) Trichlorofluoromethane	1.712	101	1025875	33.958	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	17594	1.020	ug/L	94
16) Methylene chloride	2.442	84	27735	1.481	ug/L	90
17) Methyl tert-butyl Ether	2.699	73	93155	2.509	ug/L	100
19) 1,1-Dichloroethane	3.105	63	116801	3.719	ug/L	98
25) Chloroform	4.268	83	11628	0.346	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	75945	2.564	ug/L	99
34) Trichloroethene	5.831	95	42280	2.235	ug/L	96
42) Toluene	7.323	91	25322	0.345	ug/L	91
47) Tetrachloroethene	7.899	164	63466	4.176	ug/L	95
51) Chlorobenzene	8.815	112	15623	0.309	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	5330	0.177	ug/L	97

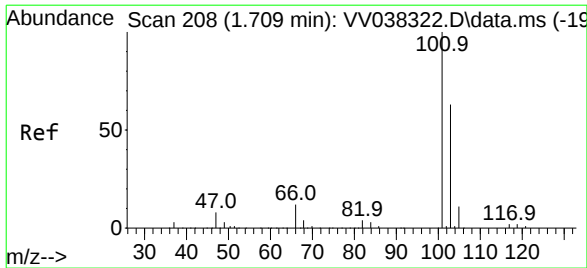
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112424\
Data File : VV038324.D
Acq On : 24 Nov 2024 12:04
Operator : SY/MD
Sample : P4884-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3M6

Quant Time: Nov 25 00:22:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 25 00:21:44 2024
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 33.958 ug/L

RT: 1.712 min Scan# 208

Delta R.T. 0.003 min

Lab File: VV038324.D

Acq: 24 Nov 2024 12:04

Instrument :

MSVOA_V

ClientSampleId :

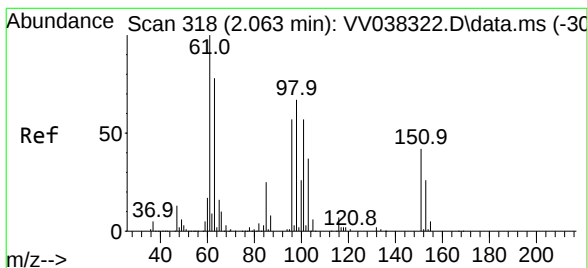
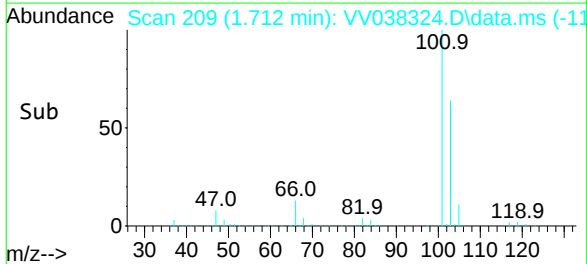
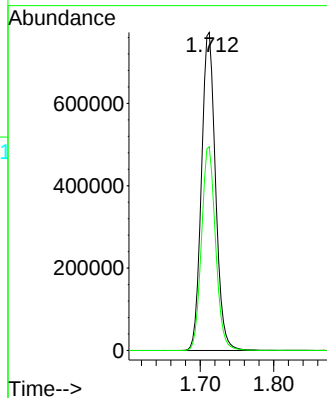
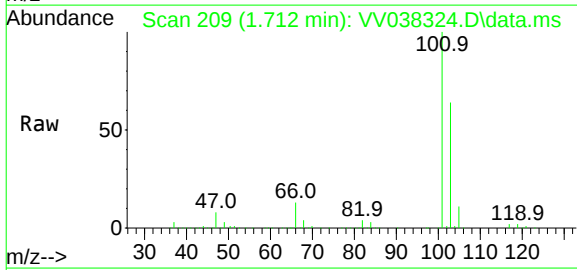
BG3M6

Tgt Ion:101 Resp: 1025875

Ion Ratio Lower Upper

101 100

103 64.2 51.5 77.3



#10

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

Concen: 1.020 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV038324.D

Acq: 24 Nov 2024 12:04

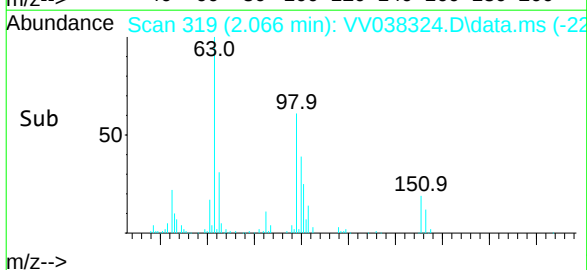
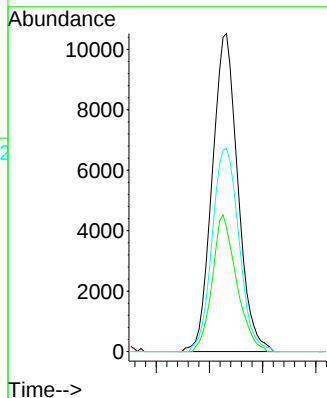
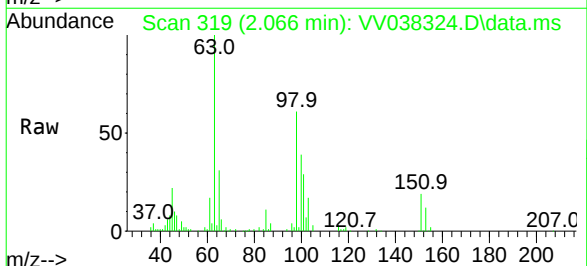
Tgt Ion:101 Resp: 17594

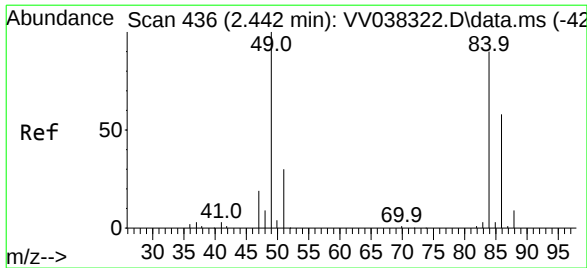
Ion Ratio Lower Upper

101 100

85 40.5 33.4 50.0

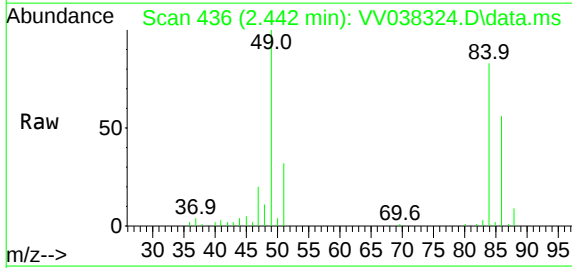
151 67.0 58.8 88.2



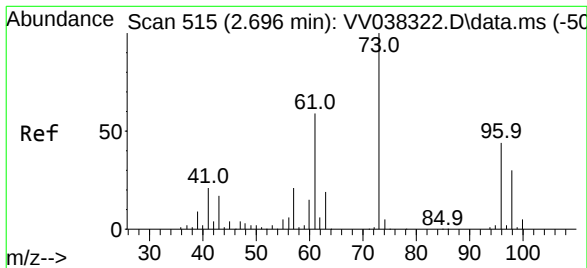
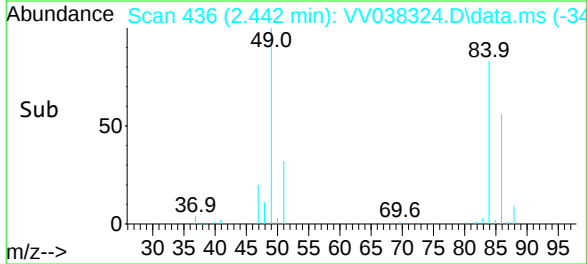
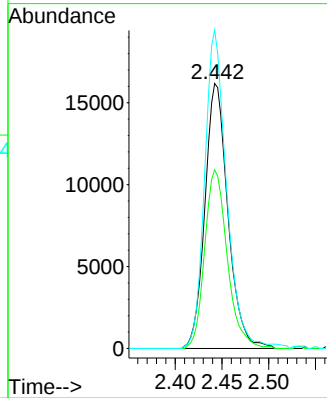


#16
Methylene chloride
Concen: 1.481 ug/L
RT: 2.442 min Scan# 43
Delta R.T. -0.000 min
Lab File: VV038324.D
Acq: 24 Nov 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :
BG3M6

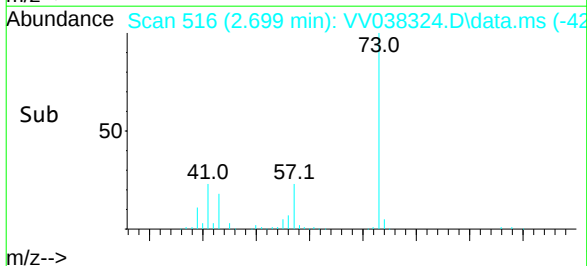
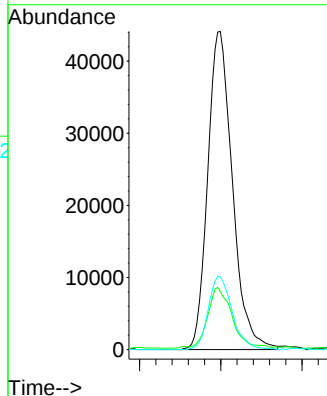
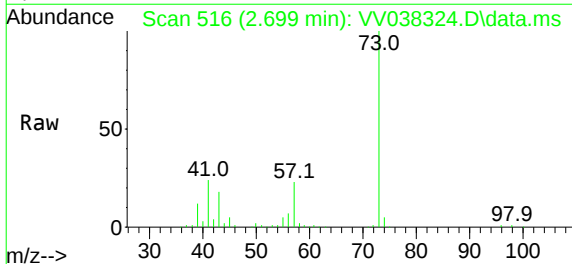


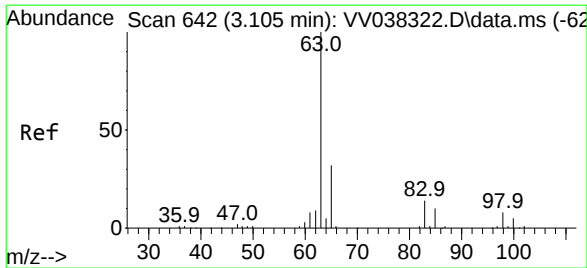
Tgt Ion: 84 Resp: 27735
Ion Ratio Lower Upper
84 100
86 67.4 44.2 82.2
49 120.0 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 2.509 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038324.D
Acq: 24 Nov 2024 12:04

Tgt Ion: 73 Resp: 93155
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.2
57 22.2 17.6 26.4

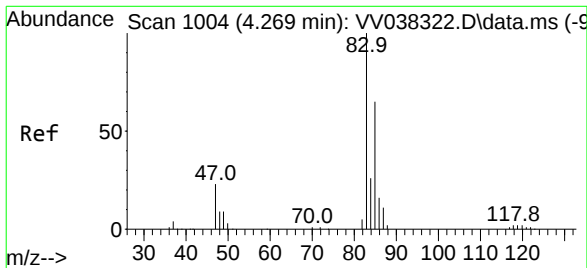
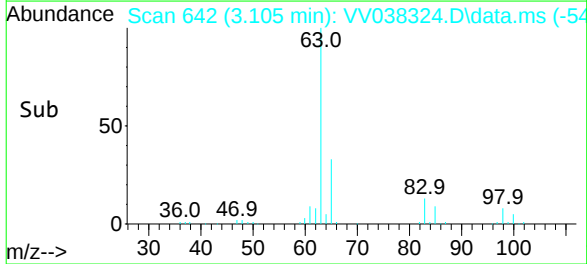
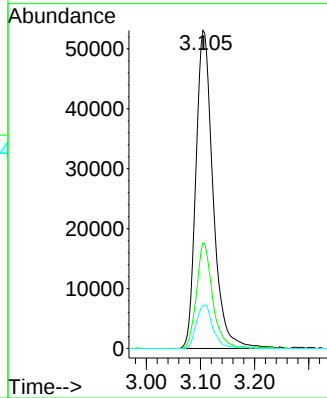
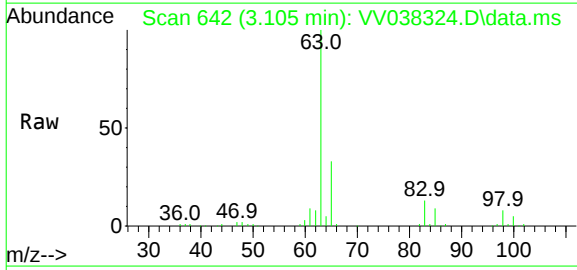




#19
1,1-Dichloroethane
Concen: 3.719 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV038324.D
Acq: 24 Nov 2024 12:04

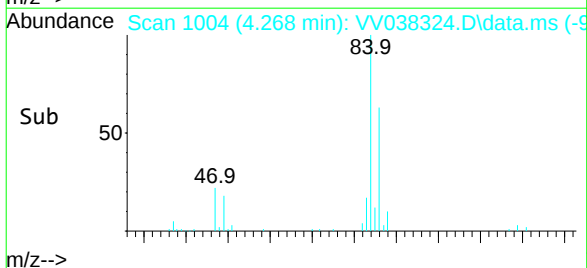
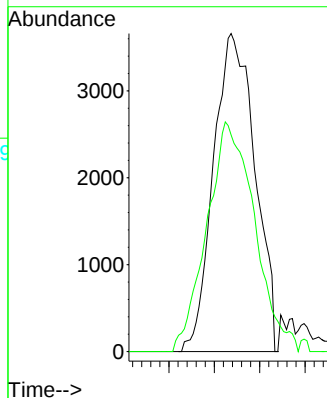
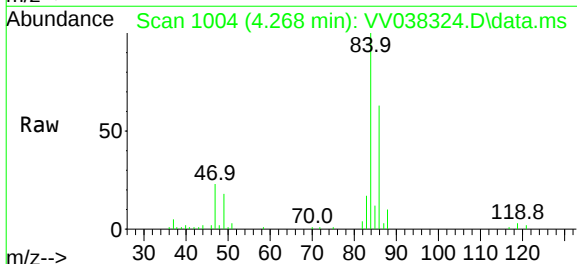
Instrument :
MSVOA_V
ClientSampleId :
BG3M6

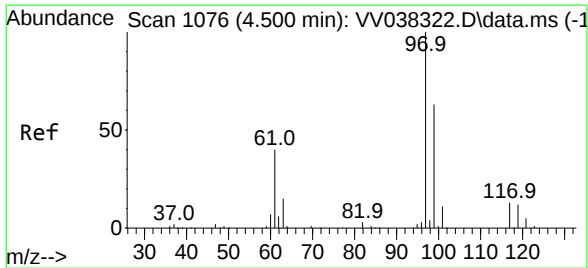
Tgt Ion:	63	Resp:	116801
Ion	Ratio	Lower	Upper
63	100		
65	33.1	22.5	41.7
83	13.4	10.1	18.9



#25
Chloroform
Concen: 0.346 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV038324.D
Acq: 24 Nov 2024 12:04

Tgt Ion:	83	Resp:	11628
Ion	Ratio	Lower	Upper
83	100		
85	68.1	46.5	86.3





#29

1,1,1-Trichloroethane

Concen: 2.564 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038324.D

Acq: 24 Nov 2024 12:04

Instrument :

MSVOA_V

ClientSampleId :

BG3M6

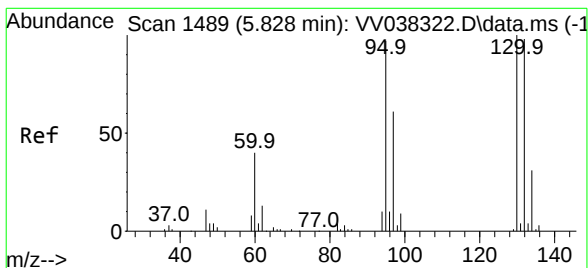
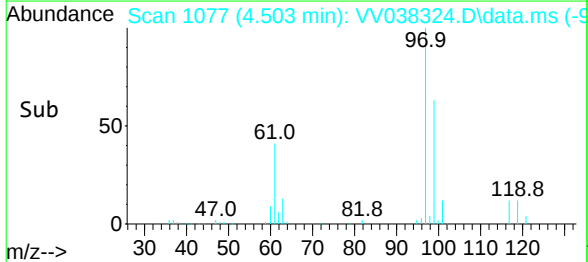
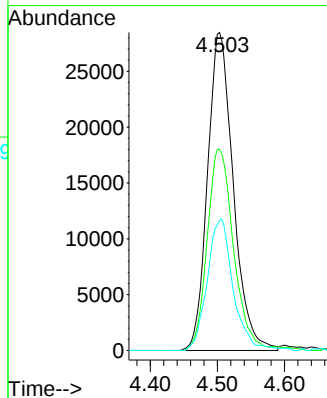
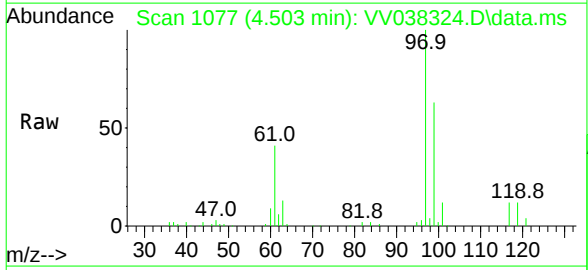
Tgt Ion: 97 Resp: 75945

Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

61 41.6 32.2 48.2



#34

Trichloroethene

Concen: 2.235 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV038324.D

Acq: 24 Nov 2024 12:04

Tgt Ion: 95 Resp: 42280

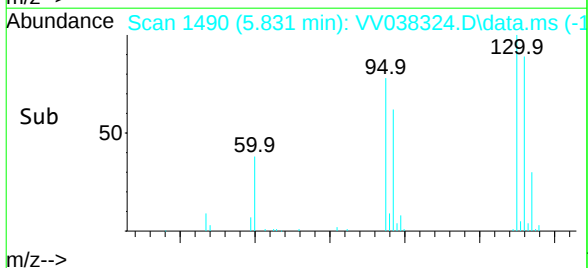
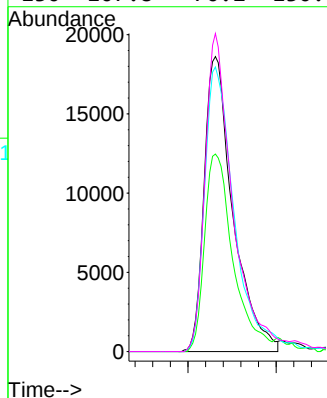
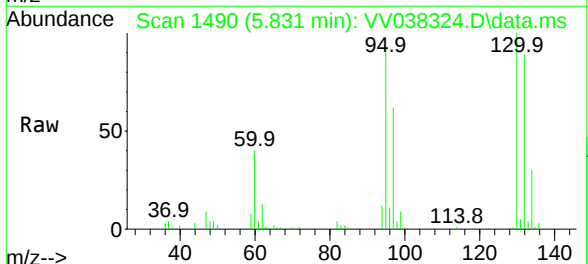
Ion Ratio Lower Upper

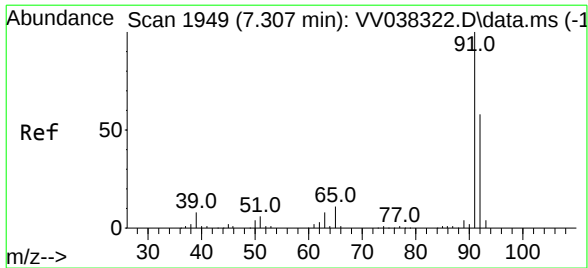
95 100

97 67.0 44.8 83.2

132 96.5 68.3 126.8

130 107.8 70.2 130.4

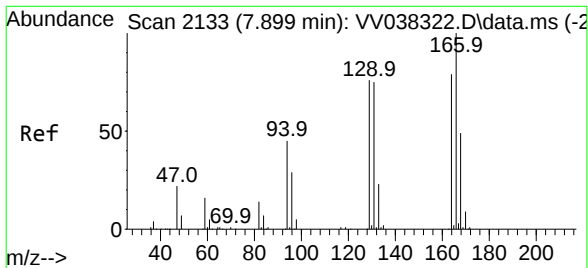
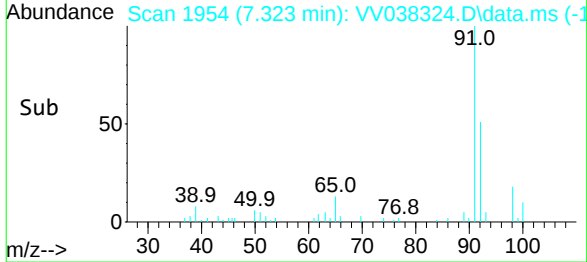
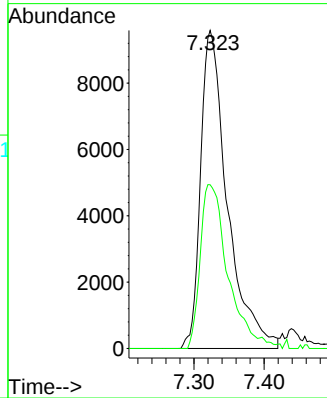
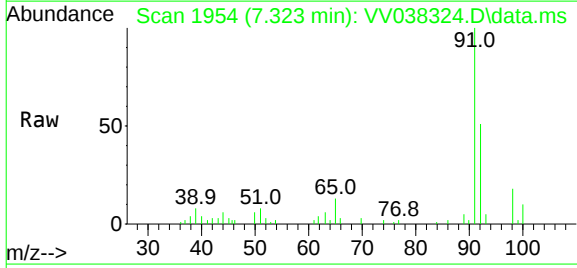




#42
Toluene
Concen: 0.345 ug/L
RT: 7.323 min Scan# 1949
Delta R.T. 0.016 min
Lab File: VV038324.D
Acq: 24 Nov 2024 12:04

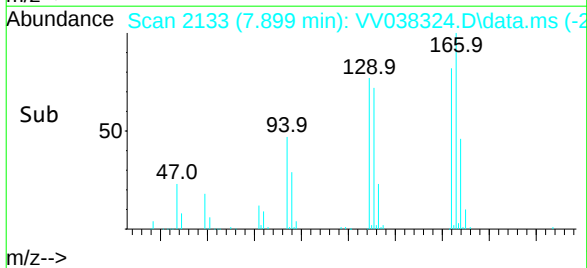
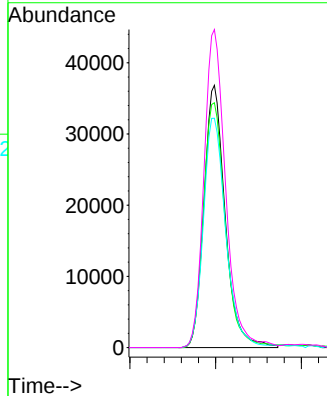
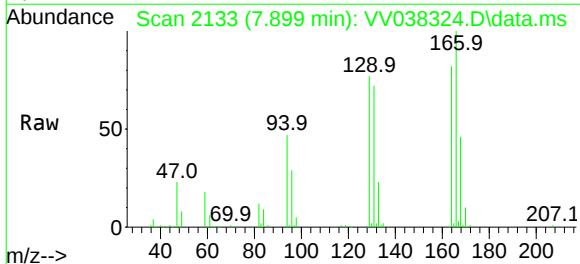
Instrument :
MSVOA_V
ClientSampleId :
BG3M6

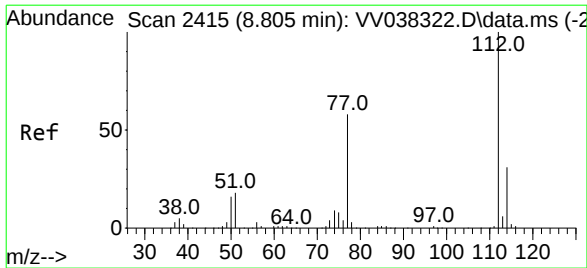
Tgt Ion: 91 Resp: 25322
Ion Ratio Lower Upper
91 100
92 51.5 40.8 75.8



#47
Tetrachloroethene
Concen: 4.176 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV038324.D
Acq: 24 Nov 2024 12:04

Tgt Ion: 164 Resp: 63466
Ion Ratio Lower Upper
164 100
129 93.3 68.5 127.1
131 87.4 64.8 120.4
166 121.3 88.3 163.9





#51

Chlorobenzene

Concen: 0.309 ug/L

RT: 8.815 min Scan# 2415

Delta R.T. 0.009 min

Lab File: VV038324.D

Acq: 24 Nov 2024 12:04

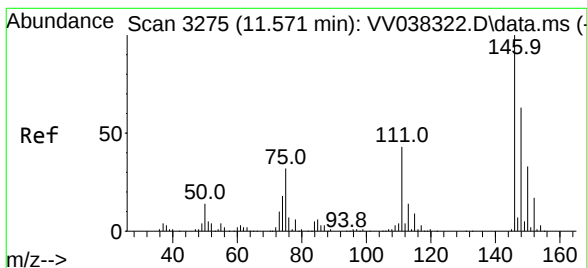
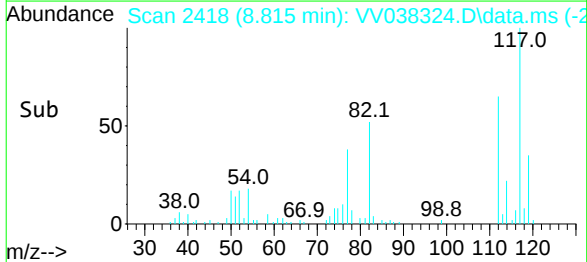
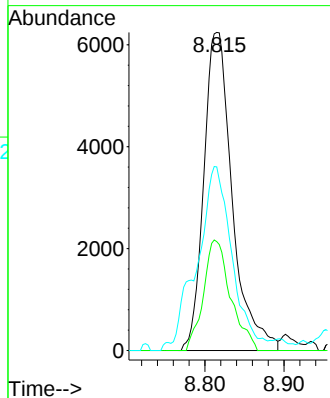
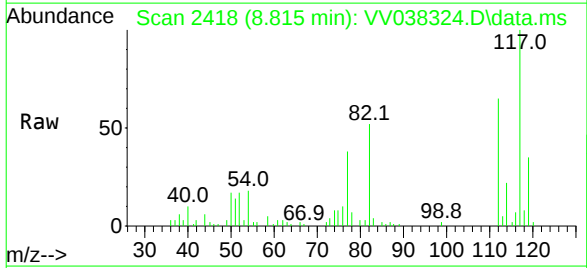
Instrument :

MSVOA_V

ClientSampleId :

BG3M6

Tgt Ion:	112	Resp:	15623
Ion	Ratio	Lower	Upper
112	100		
114	34.2	22.0	40.8
77	57.7	45.0	67.4



#67

1,2-Dichlorobenzene

Concen: 0.177 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038324.D

Acq: 24 Nov 2024 12:04

Tgt Ion:	146	Resp:	5330
Ion	Ratio	Lower	Upper
146	100		
111	44.0	34.2	51.2
148	60.8	51.0	76.4

