

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038342.D
 Acq On : 25 Nov 2024 14:27
 Operator : SY/MD
 Sample : P4884-01DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M5DL

Quant Time: Nov 26 00:43:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

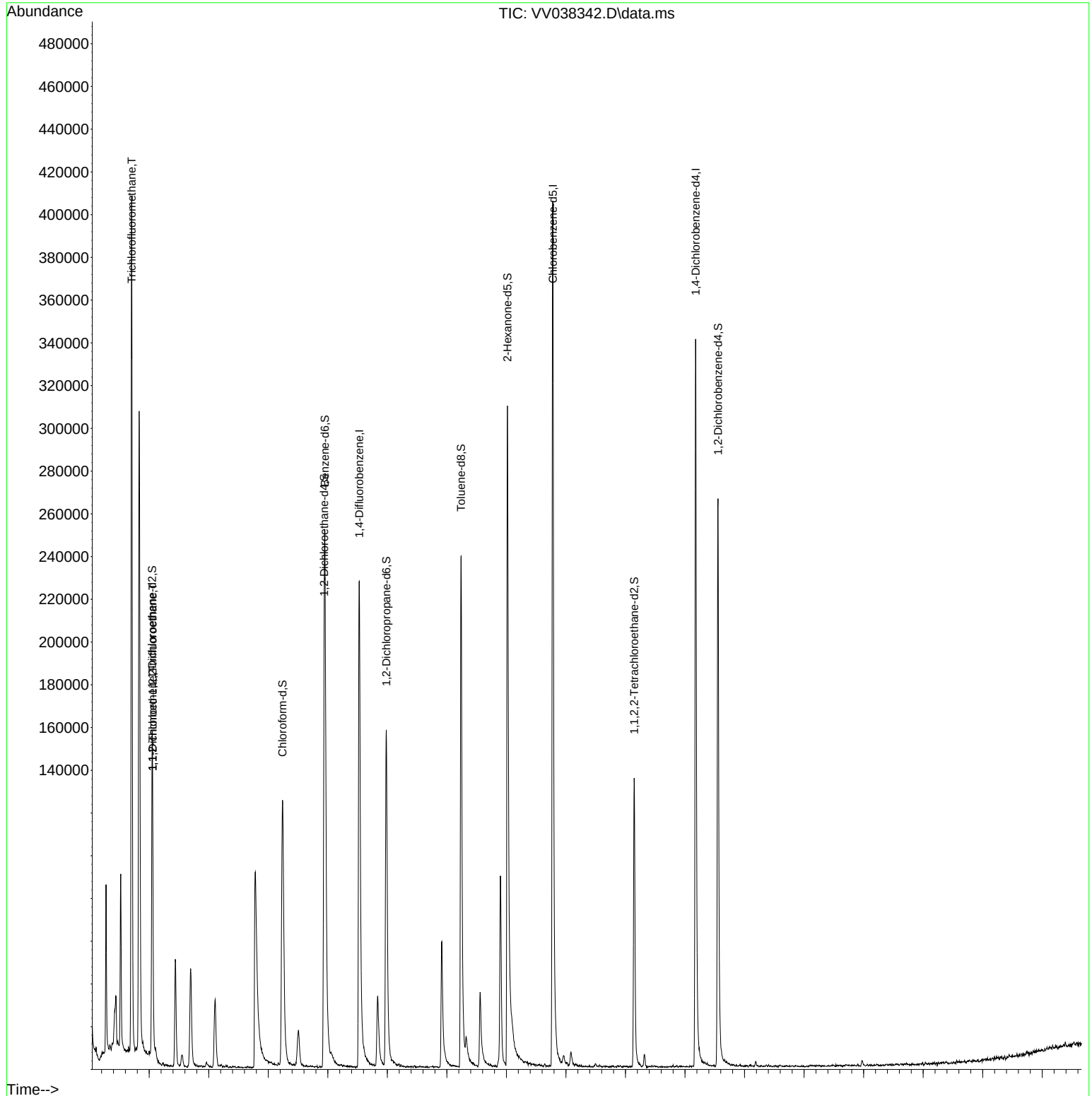
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	214001	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	240484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	97296	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	48687	2.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.519	69	55240	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.050	65	24344	3.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.780	46	156477	47.687	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.380%
24) Chloroform-d	4.239	84	142163	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	4.937	65	69229	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	4.950	84	232418	3.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	5.982	67	84875	4.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.239	98	175662	3.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.000%#
43) trans-1,3-Dichloroprop...	7.558	79	25019	3.519	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.017	63	105829	38.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.580%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	69131	4.258	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	73013	4.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.706	101	238027	8.466	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	4358	0.272	ug/L #	77
12) 1,1-Dichloroethene	2.059	96	3567	0.233	ug/L #	1
16) Methylene chloride	2.439	84	22165	1.272	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	43596	1.262	ug/L	97
19) 1,1-Dichloroethane	3.108	63	33929	1.161	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	3407	0.205	ug/L	76
29) 1,1,1-Trichloroethane	4.510	97	14769	0.512	ug/L	95
34) Trichloroethene	5.834	95	13302	0.722	ug/L	92
47) Tetrachloroethene	7.902	164	21268	1.437	ug/L	99
51) Chlorobenzene	8.815	112	7606	0.154	ug/L	92

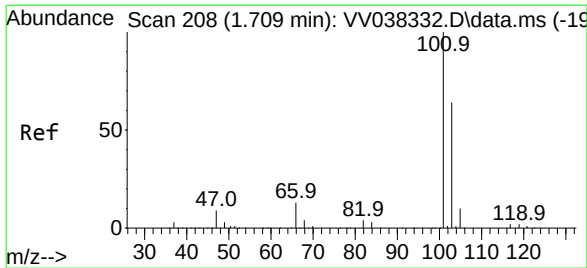
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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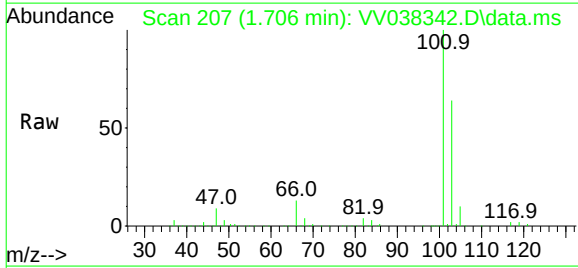
Quant Time: Nov 26 00:43:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
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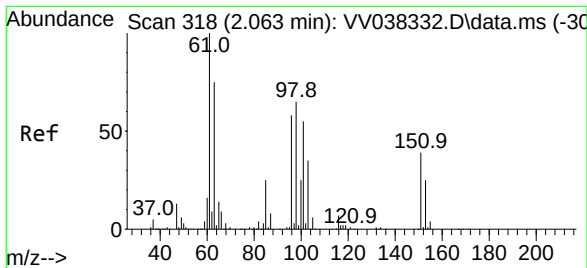
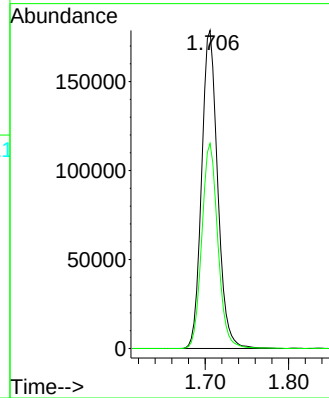
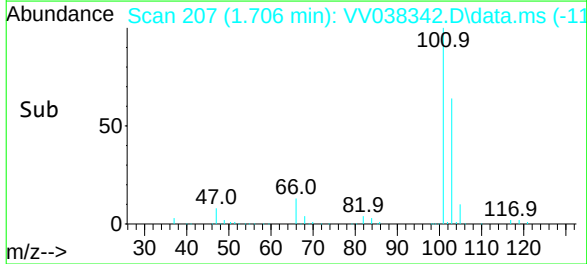


#9
 Trichlorofluoromethane
 Concen: 8.466 ug/L
 RT: 1.706 min Scan# 208
 Delta R.T. -0.003 min
 Lab File: VV038342.D
 Acq: 25 Nov 2024 14:27

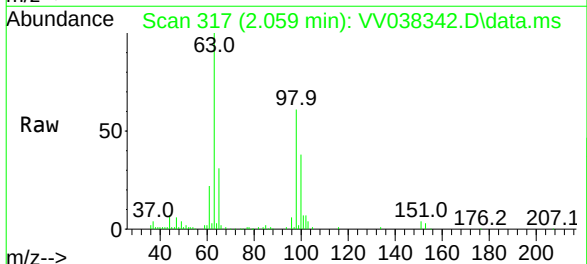
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M5DL



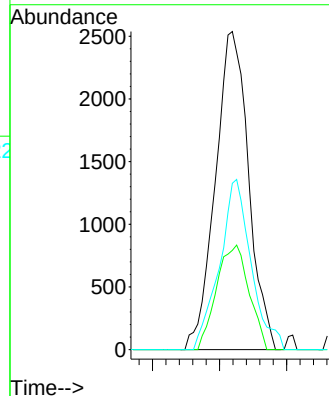
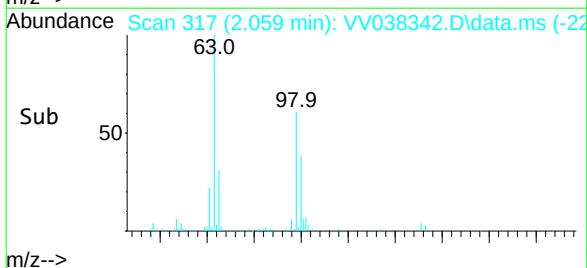
Tgt Ion:101 Resp: 238027
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.5 77.3

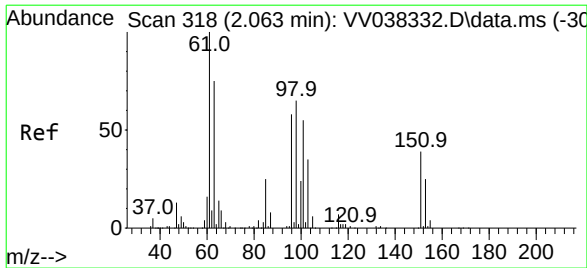


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.272 ug/L
 RT: 2.059 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038342.D
 Acq: 25 Nov 2024 14:27



Tgt Ion:101 Resp: 4358
 Ion Ratio Lower Upper
 101 100
 85 32.1 33.4 50.0#
 151 51.0 58.8 88.2#





#12

1,1-Dichloroethene

Concen: 0.233 ug/L

RT: 2.059 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038342.D

Acq: 25 Nov 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

BG3M5DL

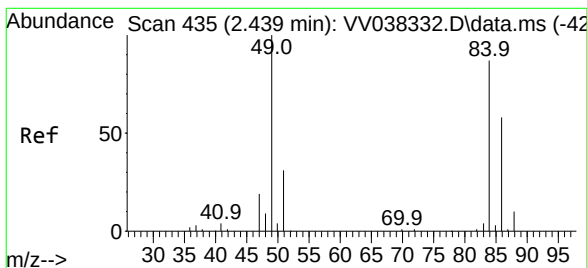
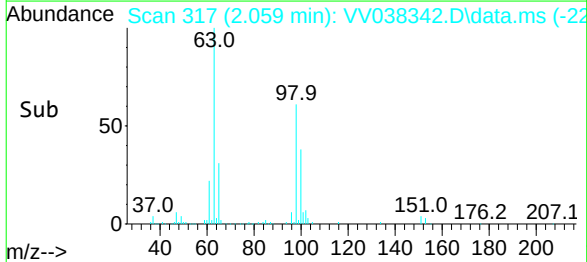
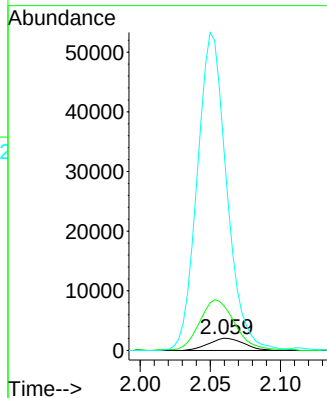
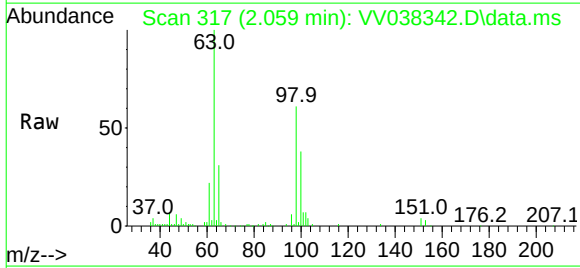
Tgt Ion: 96 Resp: 3567

Ion Ratio Lower Upper

96 100

61 366.7 115.7 214.9#

63 1667.2 101.1 187.7#



#16

Methylene chloride

Concen: 1.272 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV038342.D

Acq: 25 Nov 2024 14:27

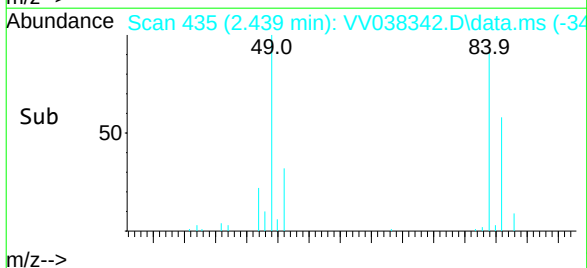
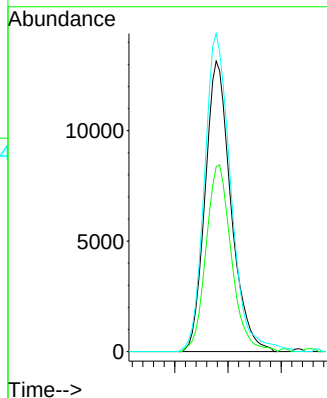
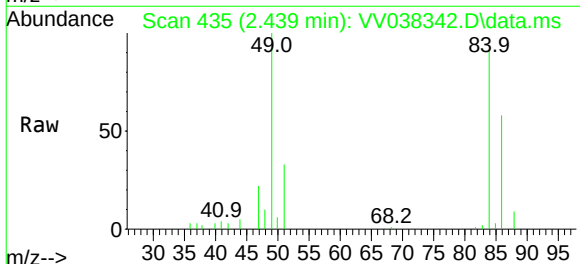
Tgt Ion: 84 Resp: 22165

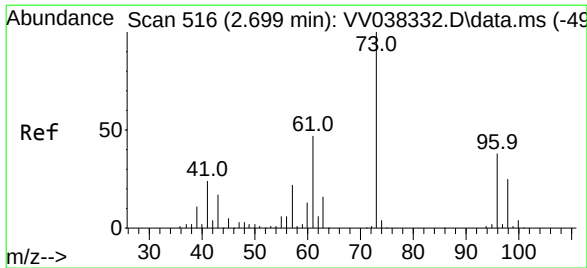
Ion Ratio Lower Upper

84 100

86 63.7 44.2 82.2

49 109.5 74.9 139.1

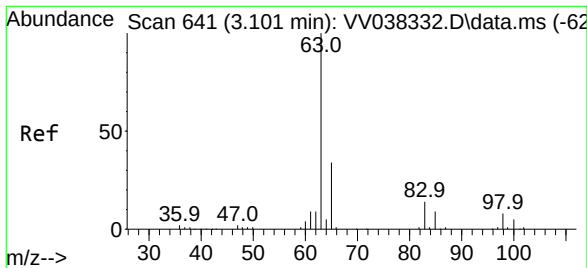
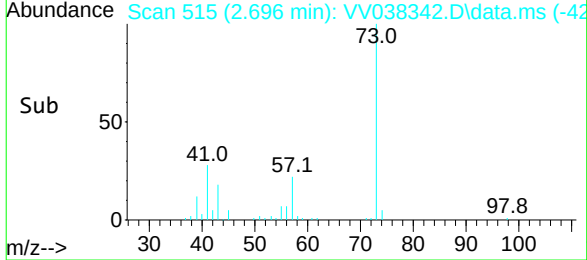
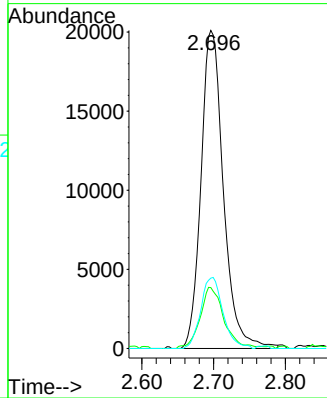
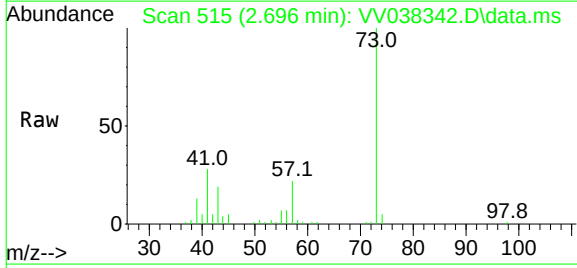




#17
Methyl tert-butyl Ether
Concen: 1.262 ug/L
RT: 2.696 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV038342.D
Acq: 25 Nov 2024 14:27

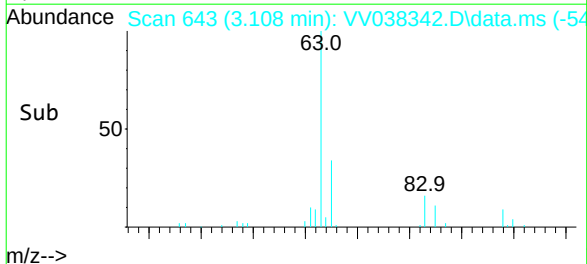
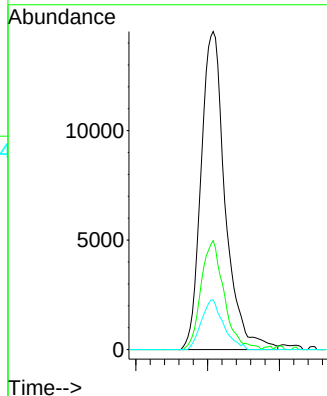
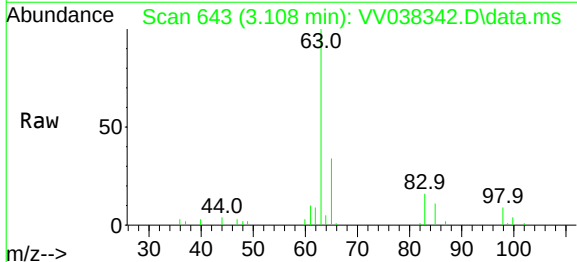
Instrument :
MSVOA_V
ClientSampleId :
BG3M5DL

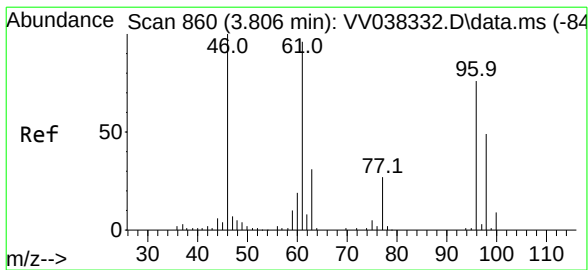
Tgt Ion:	73	Resp:	43596
Ion	Ratio	Lower	Upper
73	100		
43	20.6	14.2	21.2
57	22.1	17.6	26.4



#19
1,1-Dichloroethane
Concen: 1.161 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV038342.D
Acq: 25 Nov 2024 14:27

Tgt Ion:	63	Resp:	33929
Ion	Ratio	Lower	Upper
63	100		
65	34.2	22.5	41.7
83	15.6	10.1	18.9





#22

cis-1,2-Dichloroethene

Concen: 0.205 ug/L

RT: 3.809 min Scan# 860

Delta R.T. 0.003 min

Lab File: VV038342.D

Acq: 25 Nov 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

BG3M5DL

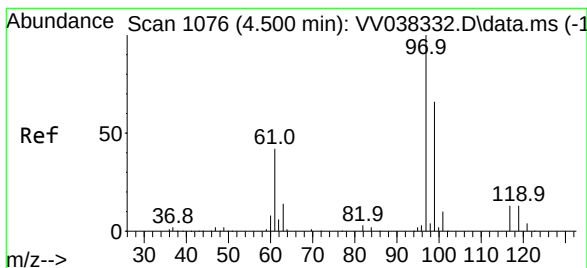
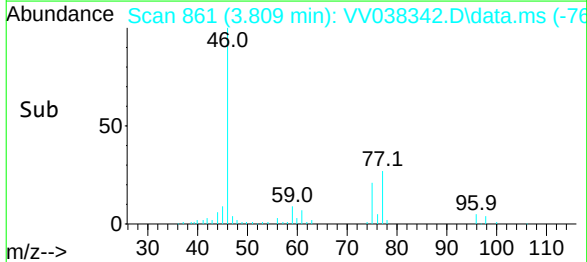
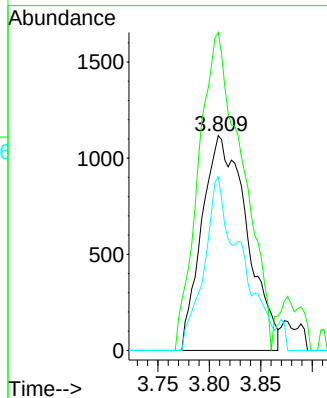
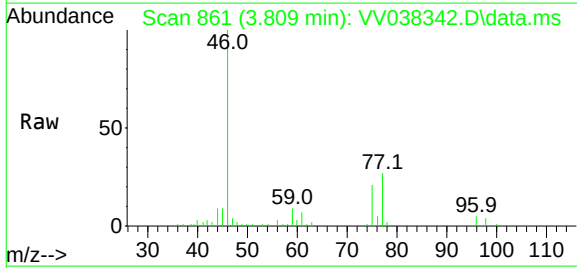
Tgt Ion: 96 Resp: 3407

Ion Ratio Lower Upper

96 100

61 148.1 82.7 153.5

98 80.9 46.3 85.9



#29

1,1,1-Trichloroethane

Concen: 0.512 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.010 min

Lab File: VV038342.D

Acq: 25 Nov 2024 14:27

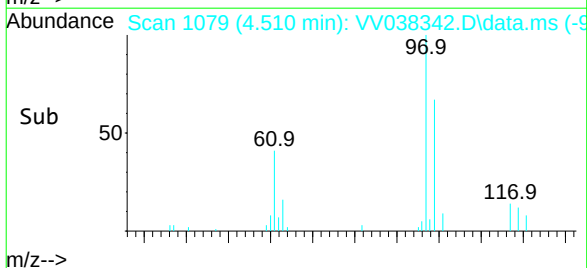
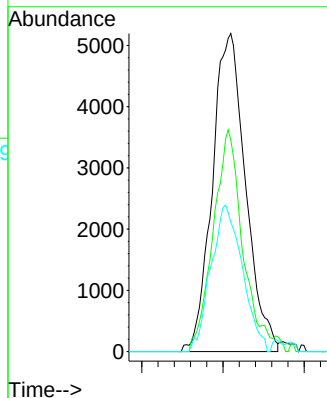
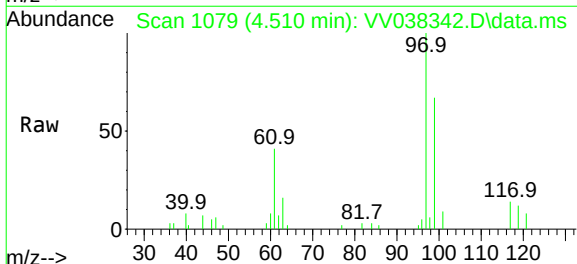
Tgt Ion: 97 Resp: 14769

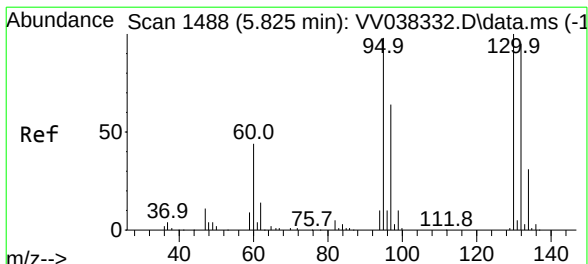
Ion Ratio Lower Upper

97 100

99 61.4 51.8 77.8

61 43.6 32.2 48.2

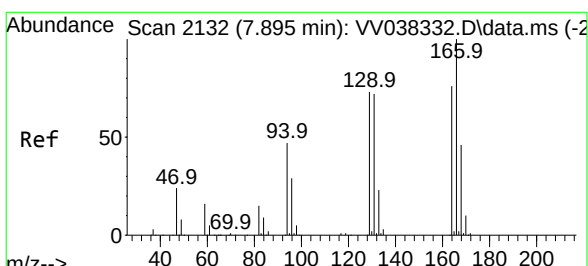
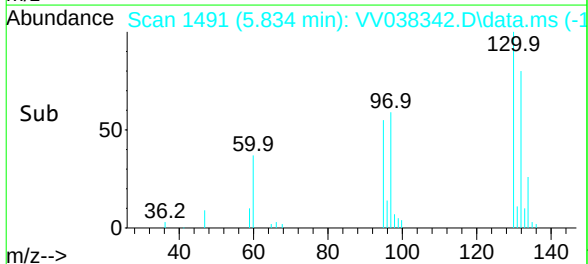
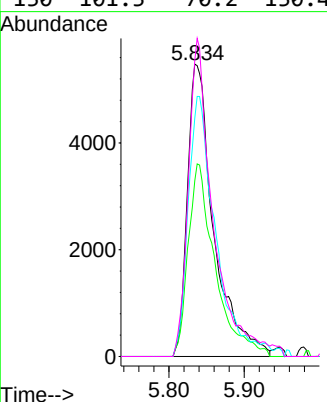
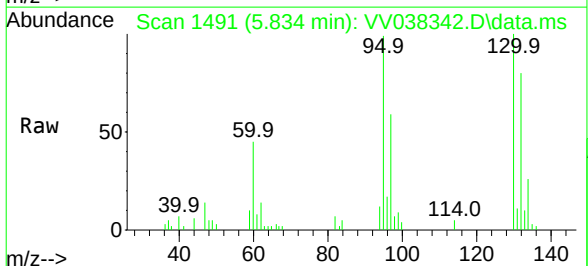




#34
 Trichloroethene
 Concen: 0.722 ug/L
 RT: 5.834 min Scan# 14
 Delta R.T. 0.010 min
 Lab File: VV038342.D
 Acq: 25 Nov 2024 14:27

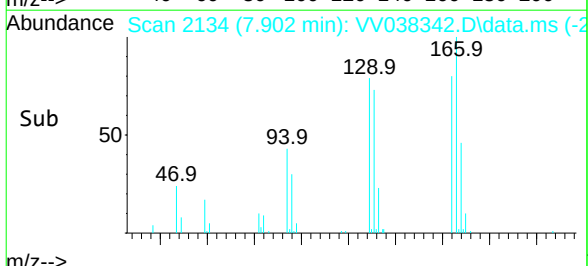
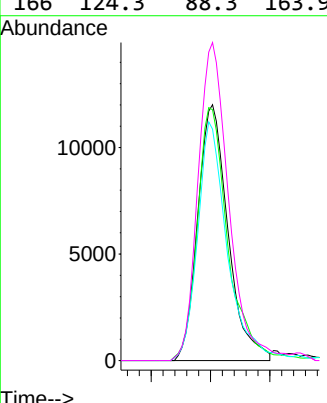
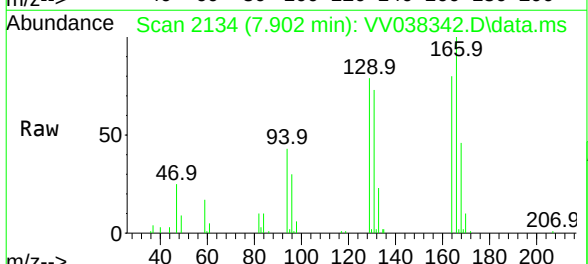
Instrument : MSVOA_V
 ClientSampleId : BG3M5DL

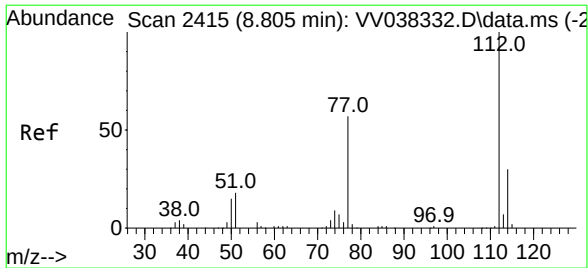
Tgt Ion:	95	Resp:	13302
Ion	Ratio	Lower	Upper
95	100		
97	60.1	44.8	83.2
132	81.5	68.3	126.8
130	101.3	70.2	130.4



#47
 Tetrachloroethene
 Concen: 1.437 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.006 min
 Lab File: VV038342.D
 Acq: 25 Nov 2024 14:27

Tgt Ion:	164	Resp:	21268
Ion	Ratio	Lower	Upper
164	100		
129	98.0	68.5	127.1
131	90.5	64.8	120.4
166	124.3	88.3	163.9





#51
 Chlorobenzene
 Concen: 0.154 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.010 min
 Lab File: VV038342.D
 Acq: 25 Nov 2024 14:27

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M5DL

Tgt Ion:	112	Resp:	7606
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.0	40.8
77	64.3	45.0	67.4

