

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038267.D
 Acq On : 22 Nov 2024 13:54
 Operator : SY/MD
 Sample : P4884-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N2

Quant Time: Nov 23 00:01:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

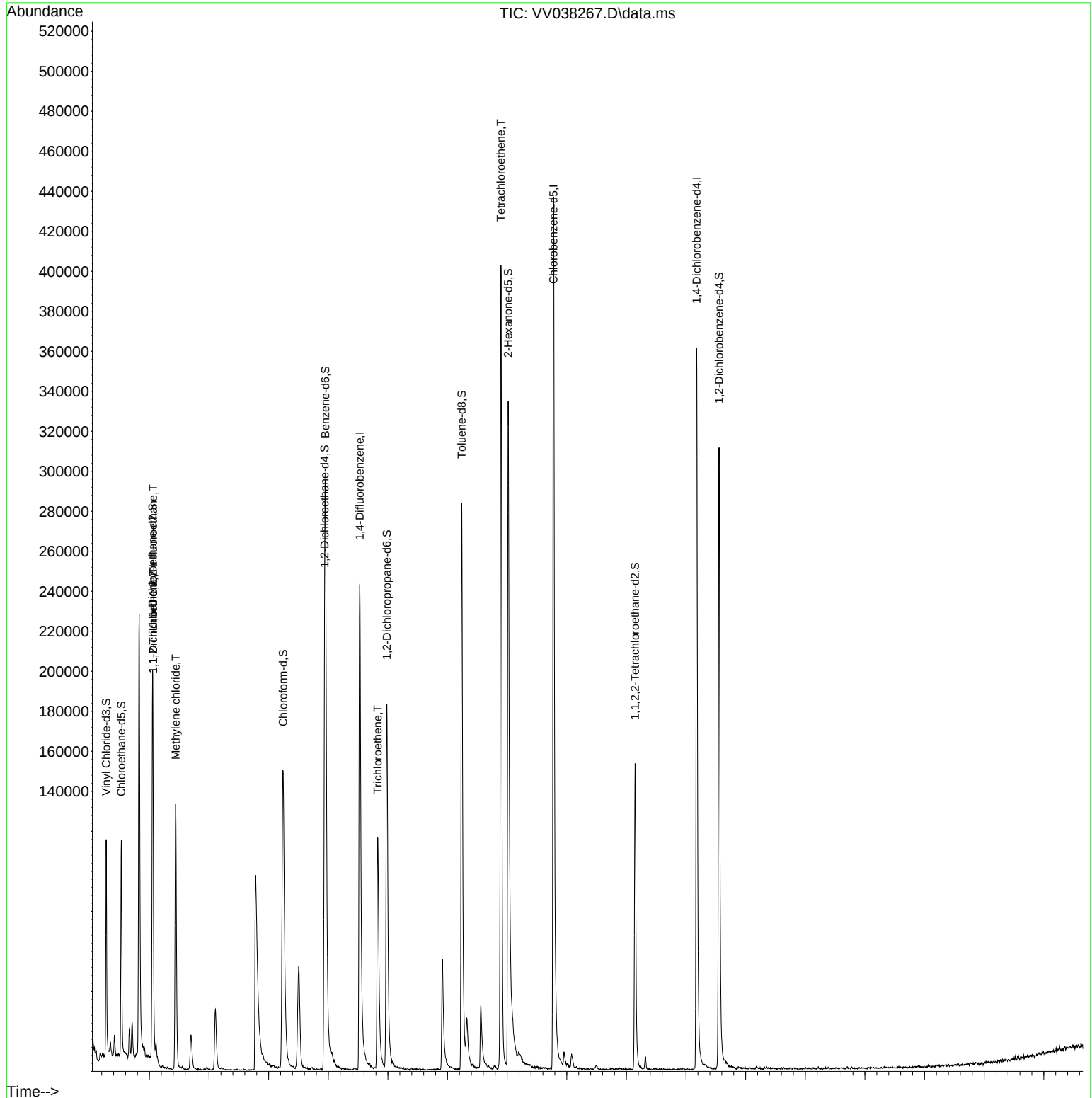
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	239821	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	254627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	102331	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	67644	3.680	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.529	69	68708	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.053	65	30680	3.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.780	46	159502	43.376	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.760%
24) Chloroform-d	4.239	84	165152	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.937	65	78993	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.950	84	280315	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	5.982	67	97159	4.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.236	98	208451	3.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	7.558	79	23598	3.134	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.600%
46) 2-Hexanone-d5	8.017	63	122279	41.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.560%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	79648	4.633	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	84640	4.855	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.709	101	10259	0.326	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	4866	0.271	ug/L	88
12) 1,1-Dichloroethene	2.059	96	3847	0.225	ug/L #	1
16) Methylene chloride	2.442	84	58879	3.014	ug/L	94
17) Methyl tert-butyl Ether	2.696	73	16301	0.421	ug/L	97
19) 1,1-Dichloroethane	3.108	63	31550	0.963	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	6805	0.365	ug/L	86
25) Chloroform	4.268	83	22472	0.641	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	44307	1.451	ug/L	98
34) Trichloroethene	5.828	95	46338	2.377	ug/L	98
42) Toluene	7.326	91	21640	0.286	ug/L	91
47) Tetrachloroethene	7.895	164	93867	5.991	ug/L	98
51) Chlorobenzene	8.815	112	13518	0.259	ug/L	89

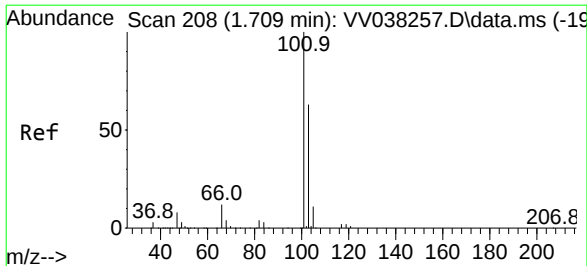
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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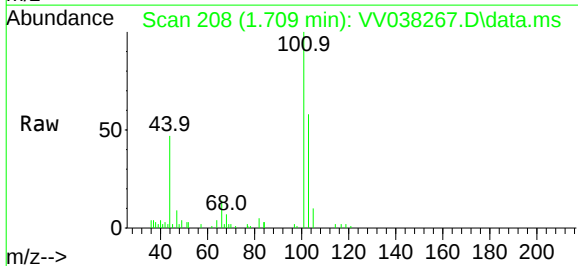
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
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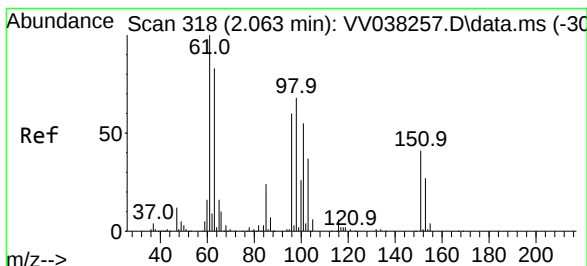
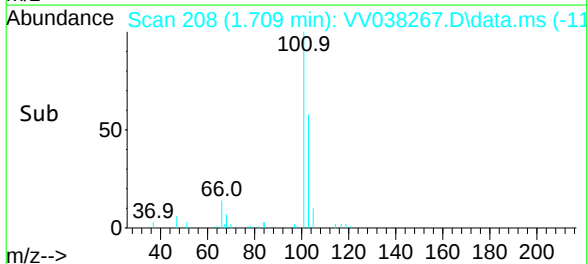
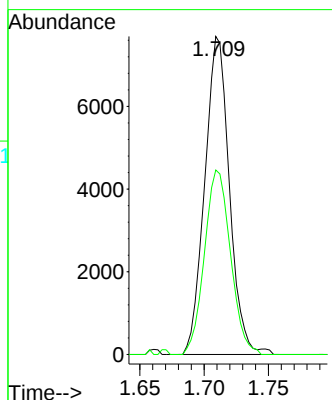


#9
Trichlorofluoromethane
Concen: 0.326 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038267.D
Acq: 22 Nov 2024 13:54

Instrument :
MSVOA_V
ClientSampleId :
BG3N2

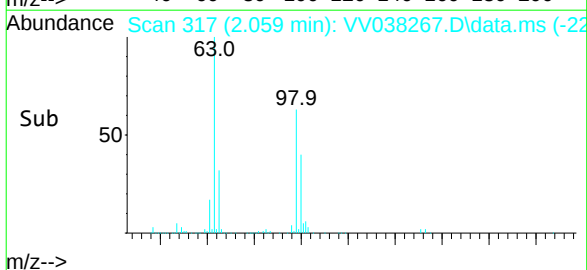
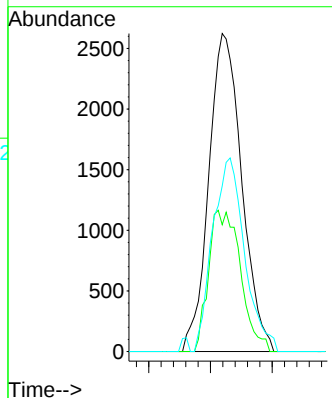
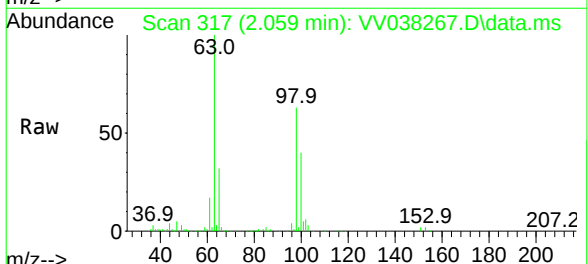


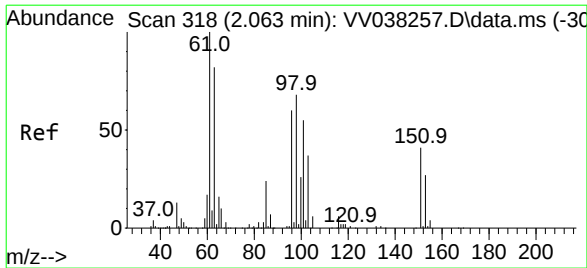
Tgt Ion:101 Resp: 10259
Ion Ratio Lower Upper
101 100
103 61.3 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.271 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038267.D
Acq: 22 Nov 2024 13:54

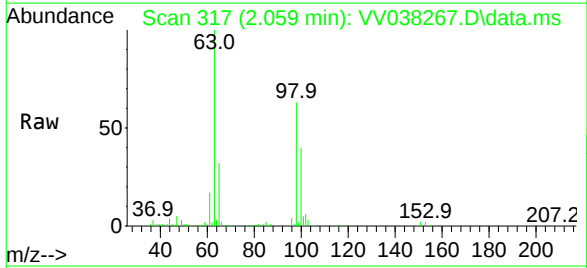
Tgt Ion:101 Resp: 4866
Ion Ratio Lower Upper
101 100
85 42.9 33.4 50.0
151 59.1 58.8 88.2



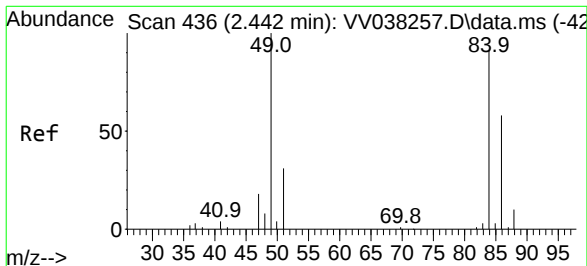
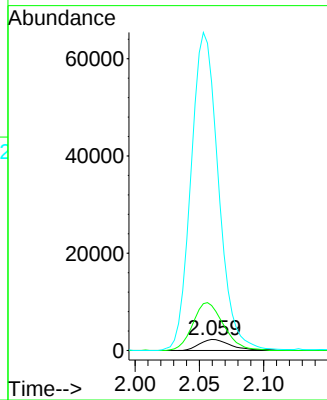
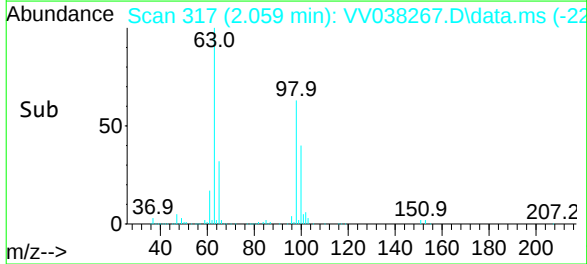


#12
1,1-Dichloroethene
Concen: 0.225 ug/L
RT: 2.059 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038267.D
Acq: 22 Nov 2024 13:54

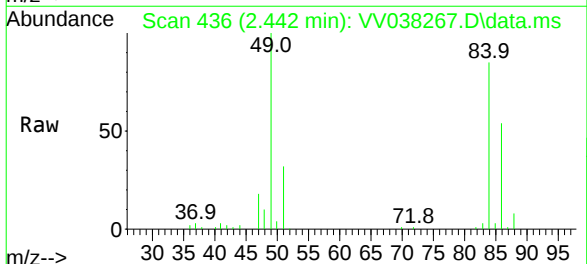
Instrument :
MSVOA_V
ClientSampleId :
BG3N2



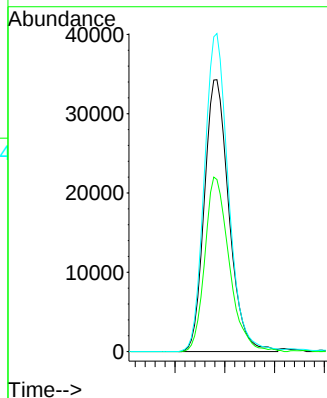
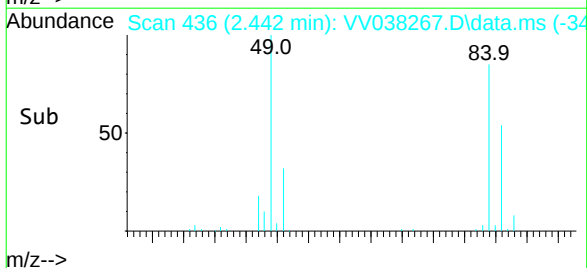
Tgt Ion: 96 Resp: 3847
Ion Ratio Lower Upper
96 100
61 407.7 115.7 214.9#
63 2430.7 101.1 187.7#

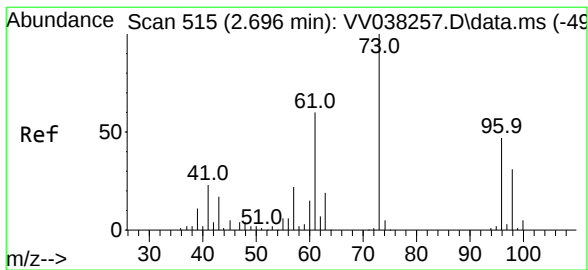


#16
Methylene chloride
Concen: 3.014 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV038267.D
Acq: 22 Nov 2024 13:54



Tgt Ion: 84 Resp: 58879
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 117.0 74.9 139.1

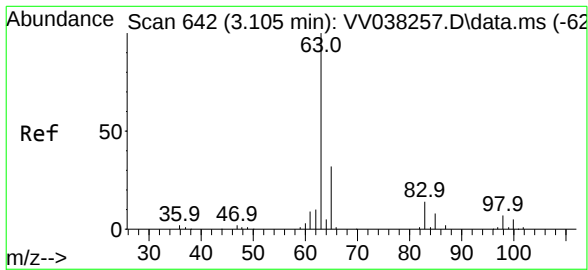
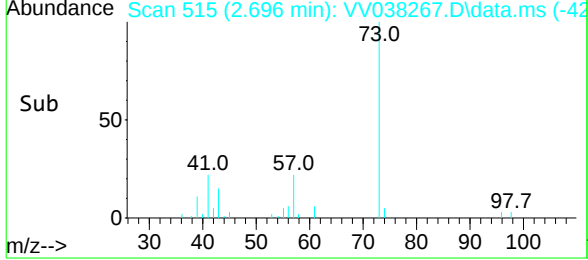
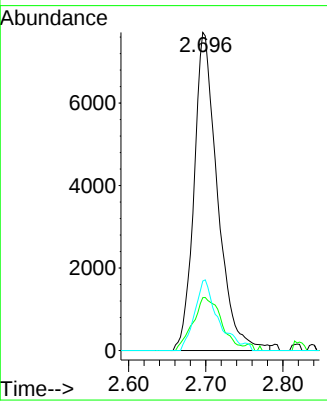
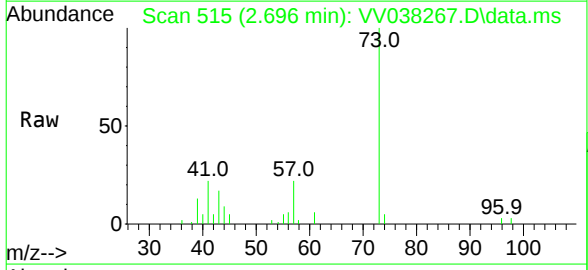




#17
Methyl tert-butyl Ether
Concen: 0.421 ug/L
RT: 2.696 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV038267.D
Acq: 22 Nov 2024 13:54

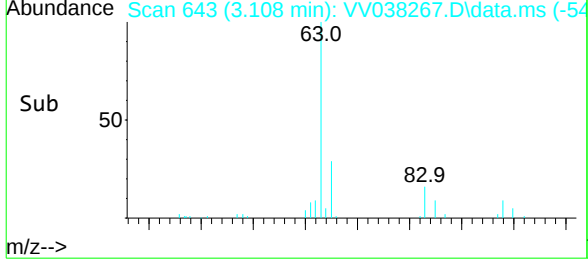
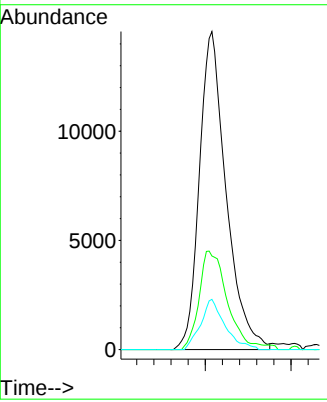
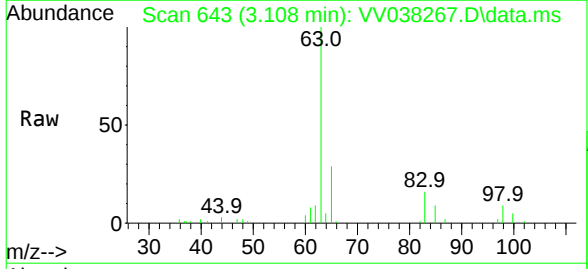
Instrument :
MSVOA_V
ClientSampleId :
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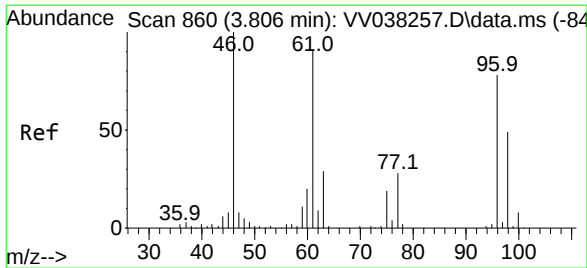
Tgt Ion:	73	Resp:	16301
Ion	Ratio	Lower	Upper
73	100		
43	20.2	14.2	21.2
57	21.7	17.6	26.4



#19
1,1-Dichloroethane
Concen: 0.963 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV038267.D
Acq: 22 Nov 2024 13:54

Tgt Ion:	63	Resp:	31550
Ion	Ratio	Lower	Upper
63	100		
65	29.4	22.5	41.7
83	15.8	10.1	18.9

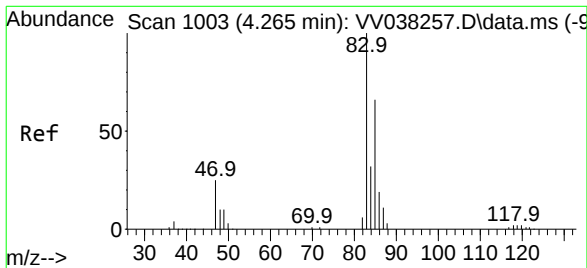
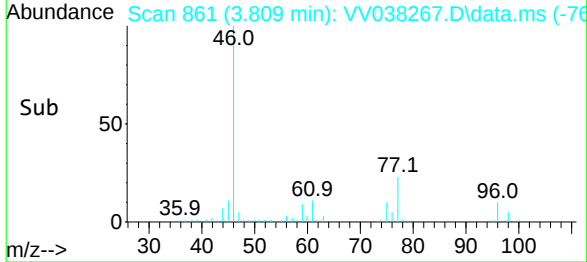
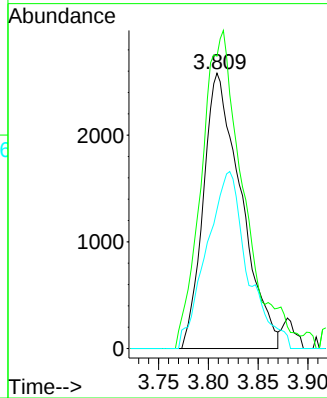
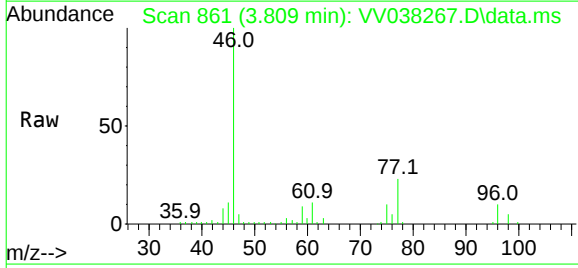




#22
cis-1,2-Dichloroethene
Concen: 0.365 ug/L
RT: 3.809 min Scan# 860
Delta R.T. 0.003 min
Lab File: VV038267.D
Acq: 22 Nov 2024 13:54

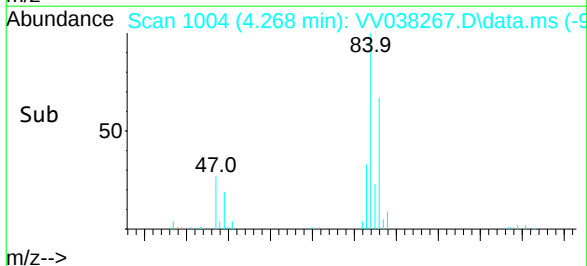
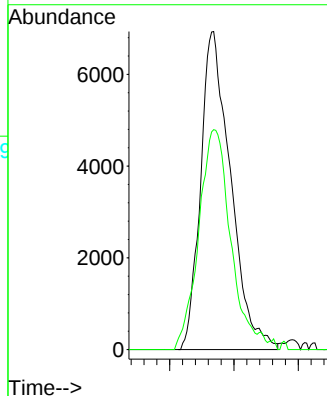
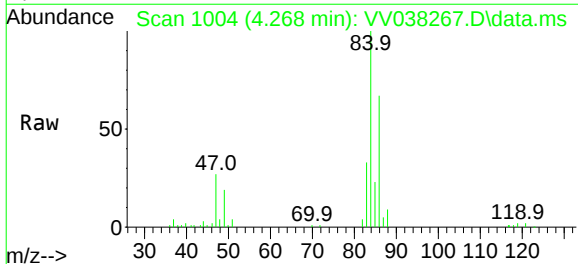
Instrument :
MSVOA_V
ClientSampleId :
BG3N2

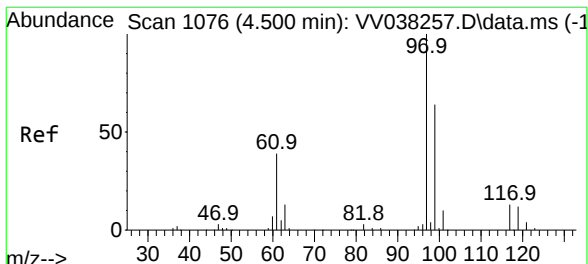
Tgt Ion: 96	Resp: 6805
Ion Ratio	Lower Upper
96 100	
61 106.2	82.7 153.5
98 50.5	46.3 85.9



#25
Chloroform
Concen: 0.641 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV038267.D
Acq: 22 Nov 2024 13:54

Tgt Ion: 83	Resp: 22472
Ion Ratio	Lower Upper
83 100	
85 69.2	46.5 86.3

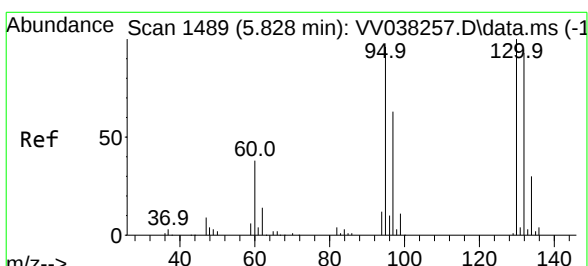
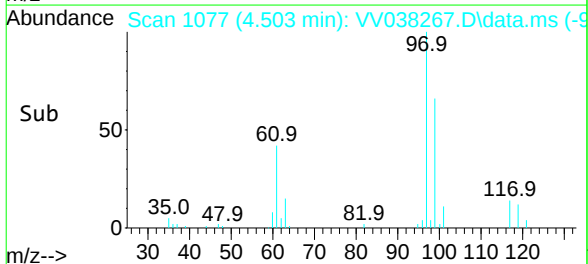
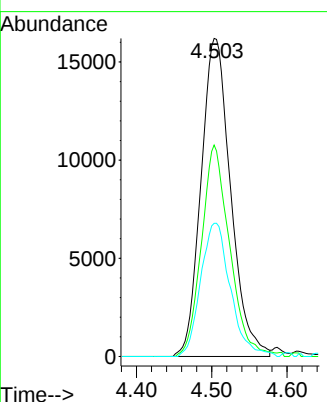
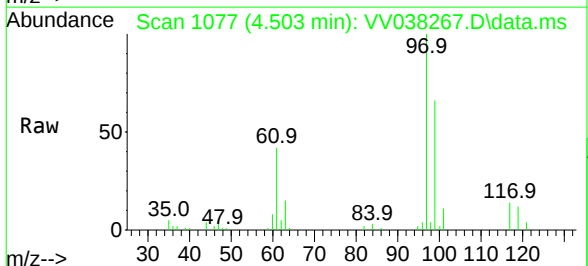




#29
 1,1,1-Trichloroethane
 Concen: 1.451 ug/L
 RT: 4.503 min Scan# 1076
 Delta R.T. 0.003 min
 Lab File: VV038267.D
 Acq: 22 Nov 2024 13:54

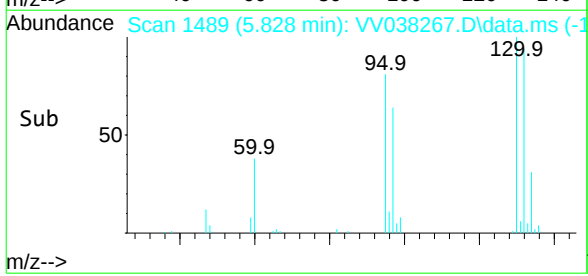
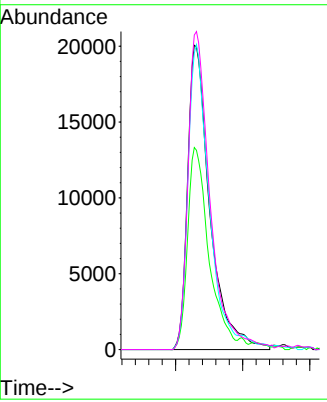
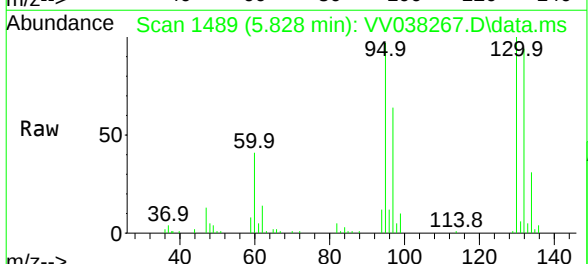
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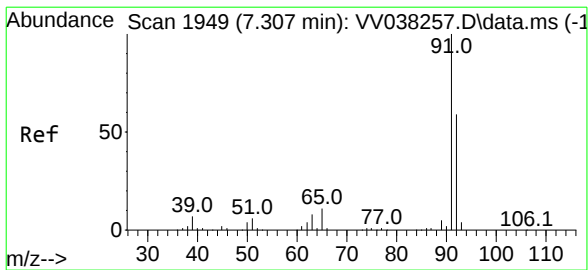
Tgt Ion:	97	Resp:	44307
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.8
61	42.1	32.2	48.2



#34
 Trichloroethene
 Concen: 2.377 ug/L
 RT: 5.828 min Scan# 1489
 Delta R.T. -0.000 min
 Lab File: VV038267.D
 Acq: 22 Nov 2024 13:54

Tgt Ion:	95	Resp:	46338
Ion	Ratio	Lower	Upper
95	100		
97	66.4	44.8	83.2
132	97.4	68.3	126.8
130	103.3	70.2	130.4





#42

Toluene

Concen: 0.286 ug/L

RT: 7.326 min Scan# 19

Delta R.T. 0.019 min

Lab File: VV038267.D

Acq: 22 Nov 2024 13:54

Instrument :

MSVOA_V

ClientSampleId :

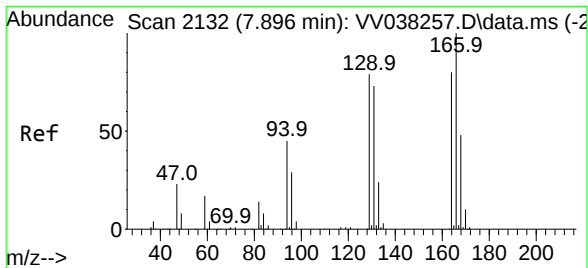
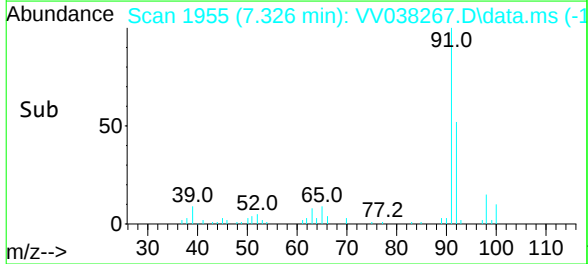
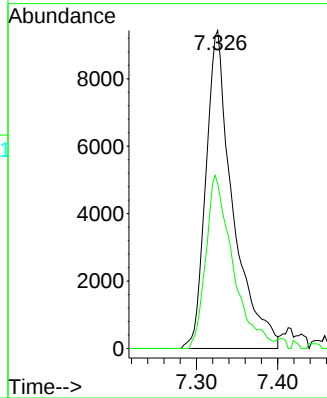
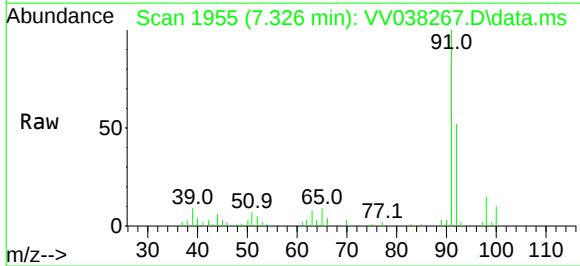
BG3N2

Tgt Ion: 91 Resp: 21640

Ion Ratio Lower Upper

91 100

92 51.9 40.8 75.8



#47

Tetrachloroethene

Concen: 5.991 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038267.D

Acq: 22 Nov 2024 13:54

Tgt Ion: 164 Resp: 93867

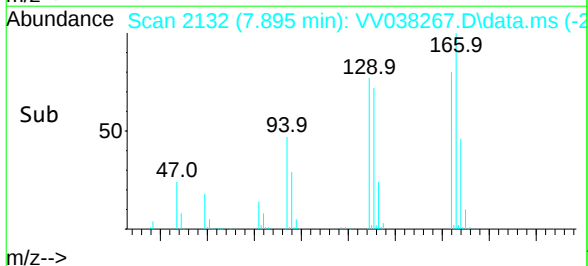
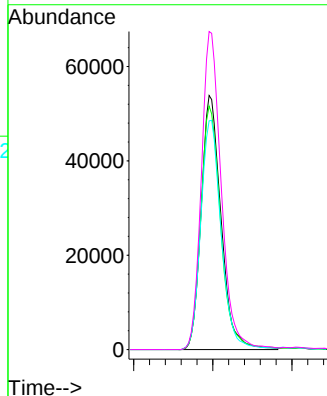
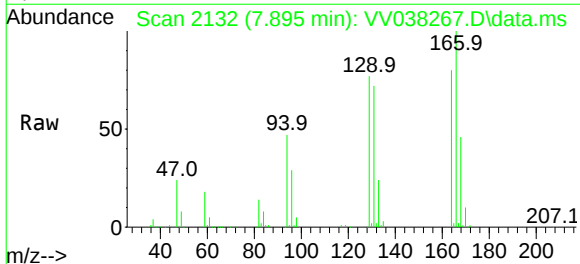
Ion Ratio Lower Upper

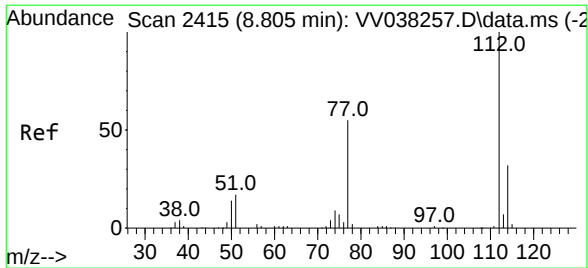
164 100

129 95.9 68.5 127.1

131 90.0 64.8 120.4

166 125.2 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.259 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.009 min
 Lab File: VV038267.D
 Acq: 22 Nov 2024 13:54

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N2

Tgt Ion:	112	Resp:	13518
Ion Ratio	Lower	Upper	
112	100		
114	34.3	22.0	40.8
77	66.2	45.0	67.4

