

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038362.D
 Acq On : 26 Nov 2024 13:52
 Operator : SY/MD
 Sample : P4930-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG439

Quant Time: Nov 27 00:21:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 27 00:19:46 2024
 Response via : Initial Calibration

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

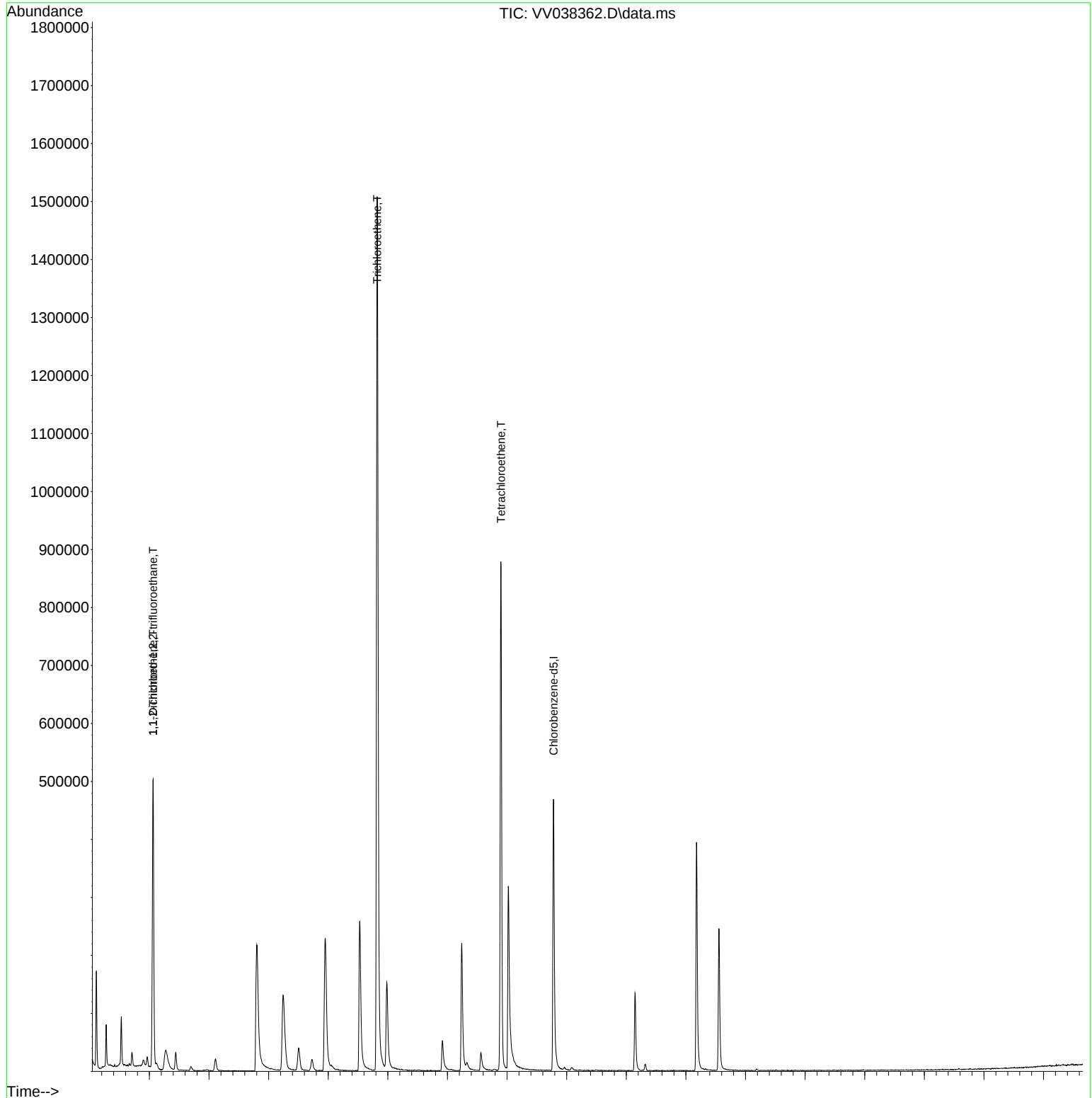
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	239599	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	272868	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	109617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	45448	2.475	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.400%
7) Chloroethane-d5	1.529	69	52221	3.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.053	65	23200	2.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.789	46	163318	44.455	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.900%
24) Chloroform-d	4.243	84	135949	3.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	4.937	65	65502	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	4.953	84	217564	3.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.600%#
36) 1,2-Dichloropropane-d6	5.982	67	81648	3.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.239	98	161121	2.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	49.400%#
43) trans-1,3-Dichloroprop...	7.561	79	25600	3.173	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.021	63	118835	37.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.780%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	69484	3.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	68293	3.657	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.200%#
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	8686	0.383	ug/L	99
9) Trichlorofluoromethane	1.709	101	14823	0.471	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	33160	1.846	ug/L	96
12) 1,1-Dichloroethene	2.063	96	99098	5.791	ug/L #	79
16) Methylene chloride	2.442	84	12907	0.661	ug/L	95
19) 1,1-Dichloroethane	3.108	63	21874	0.668	ug/L	96
22) cis-1,2-Dichloroethene	3.805	96	89560	4.804	ug/L	98
25) Chloroform	4.268	83	45380	1.296	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	33135	1.012	ug/L	99
31) Carbon tetrachloride	4.728	117	16148	0.559	ug/L	93
34) Trichloroethene	5.821	95	548506	26.252	ug/L	100
47) Tetrachloroethene	7.899	164	196172	11.684	ug/L	100

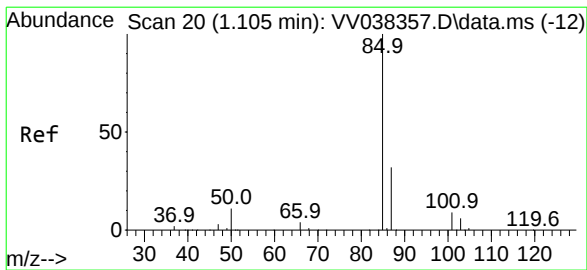
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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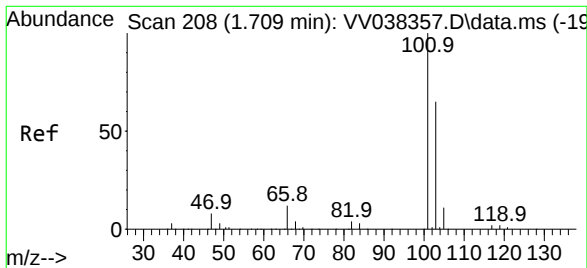
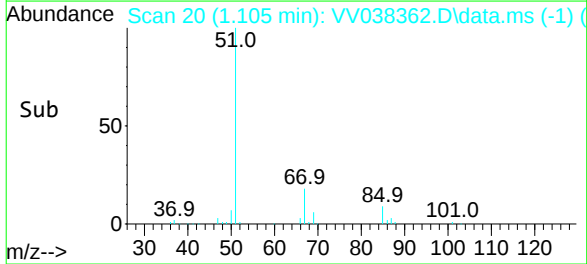
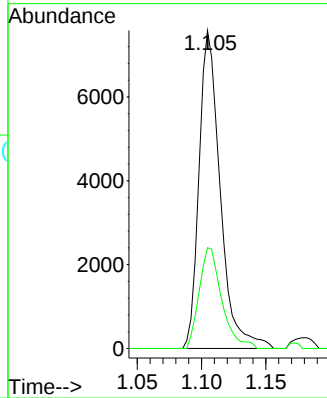
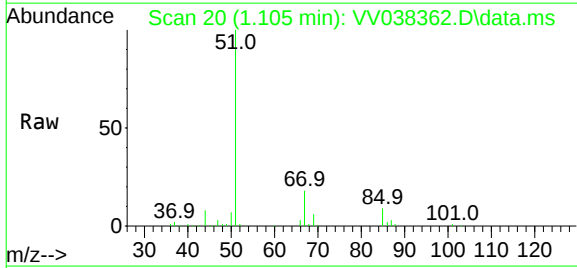




#2
Dichlorodifluoromethane
Concen: 0.383 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

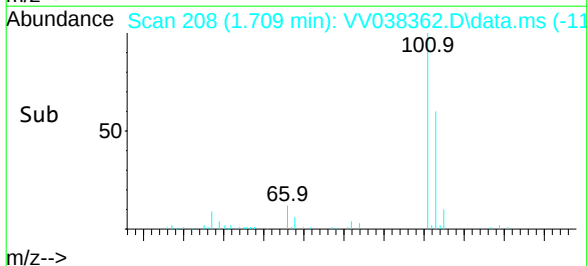
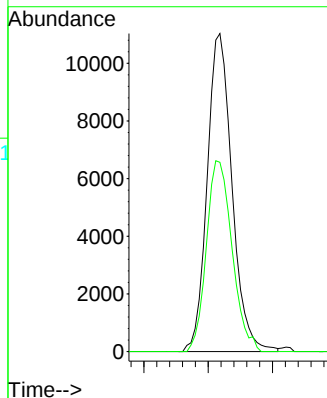
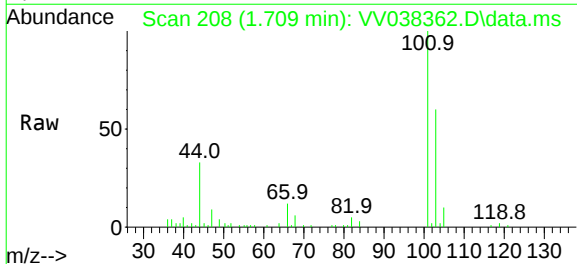
Instrument :
MSVOA_V
ClientSampleId :
BG439

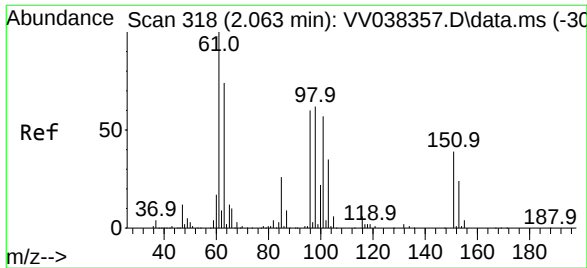
Tgt Ion: 85 Resp: 8686
Ion Ratio Lower Upper
85 100
87 33.8 26.5 39.7



#9
Trichlorofluoromethane
Concen: 0.471 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

Tgt Ion: 101 Resp: 14823
Ion Ratio Lower Upper
101 100
103 62.0 51.5 77.3

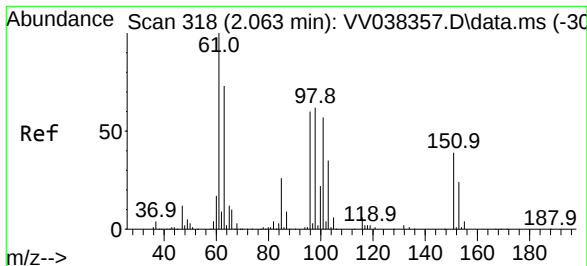
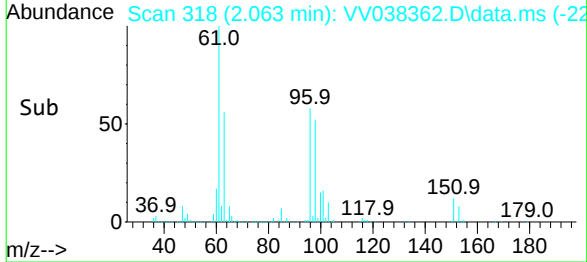
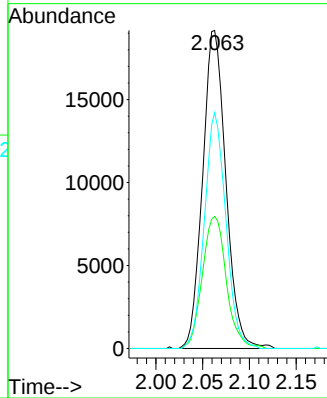
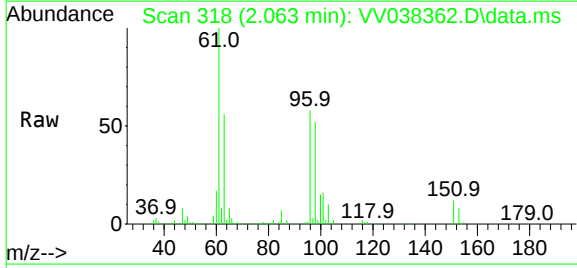




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.846 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

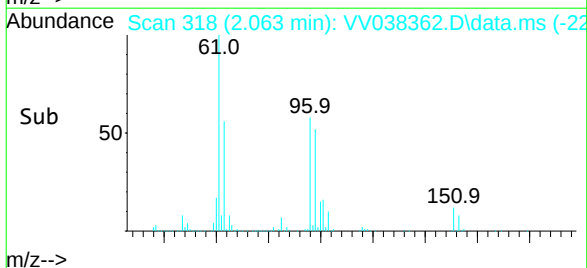
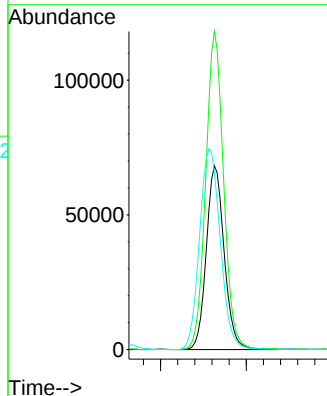
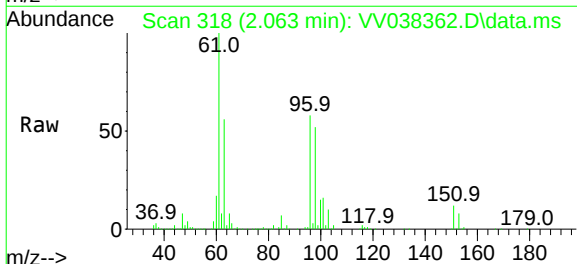
Instrument :
MSVOA_V
ClientSampleId :
BG439

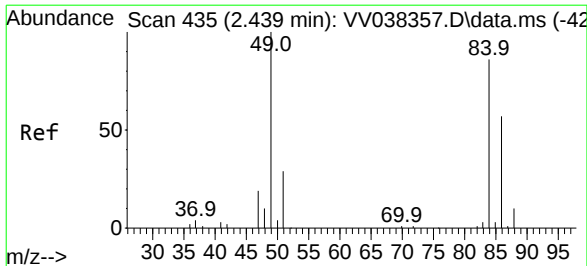
Tgt Ion: 101 Resp: 33160
Ion Ratio Lower Upper
101 100
85 42.9 33.4 50.0
151 68.8 58.8 88.2



#12
1,1-Dichloroethene
Concen: 5.791 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

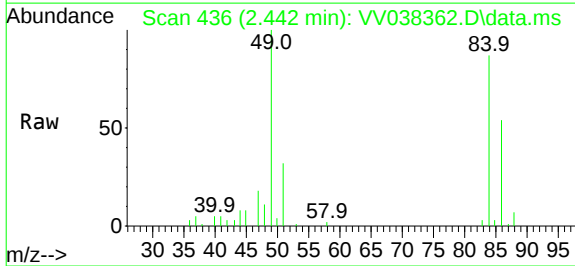
Tgt Ion: 96 Resp: 99098
Ion Ratio Lower Upper
96 100
61 173.2 115.7 214.9
63 96.6 101.1 187.7#



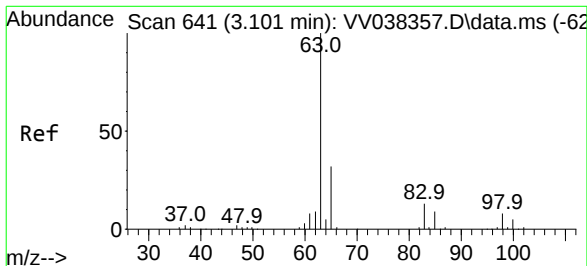
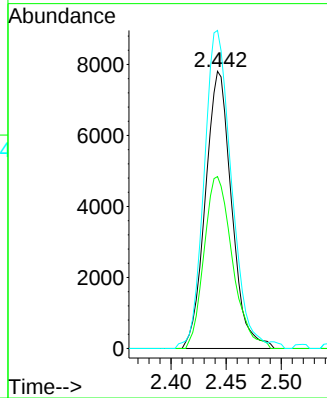
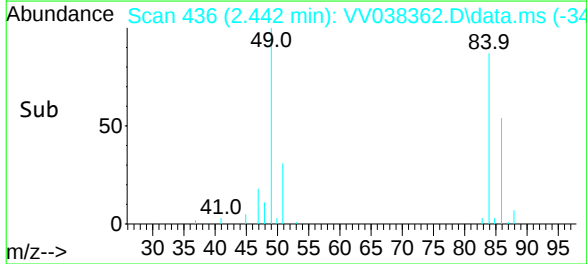


#16
Methylene chloride
Concen: 0.661 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

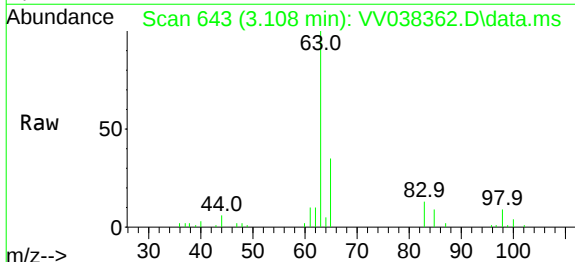
Instrument :
MSVOA_V
ClientSampleId :
BG439



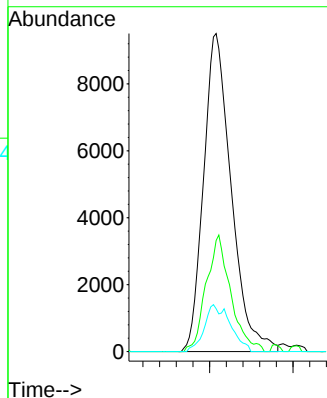
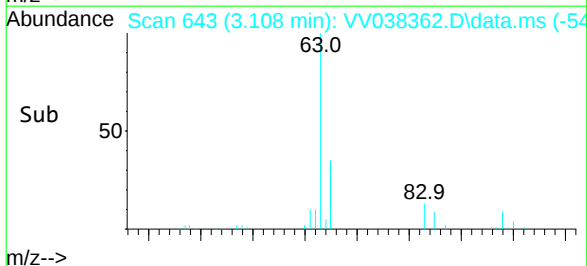
Tgt Ion: 84 Resp: 12907
Ion Ratio Lower Upper
84 100
86 62.0 44.2 82.2
49 114.7 74.9 139.1

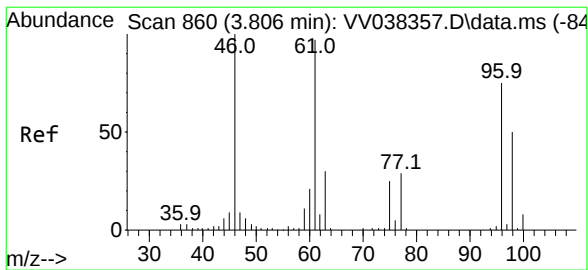


#19
1,1-Dichloroethane
Concen: 0.668 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52



Tgt Ion: 63 Resp: 21874
Ion Ratio Lower Upper
63 100
65 34.9 22.5 41.7
83 13.5 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 4.804 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV038362.D

Acq: 26 Nov 2024 13:52

Instrument :

MSVOA_V

ClientSampleId :

BG439

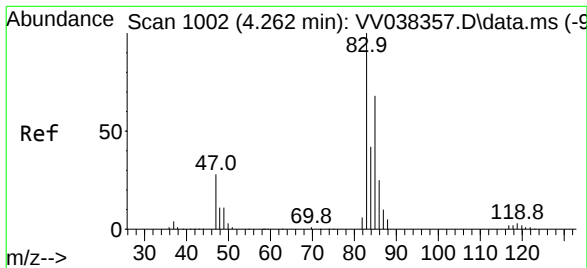
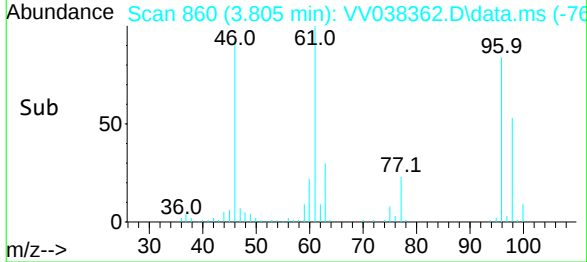
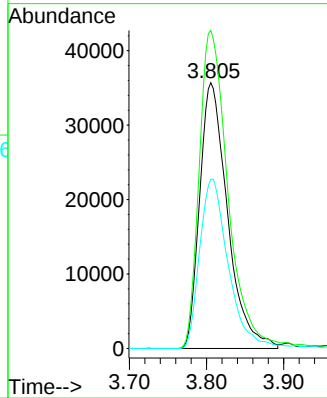
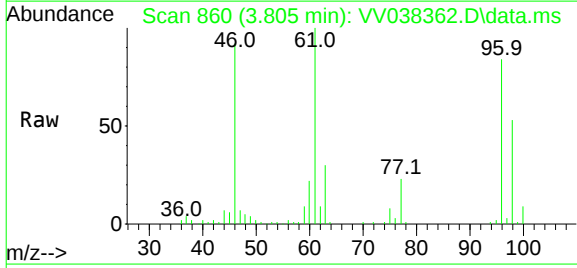
Tgt Ion: 96 Resp: 89560

Ion Ratio Lower Upper

96 100

61 119.7 82.7 153.5

98 63.7 46.3 85.9



#25

Chloroform

Concen: 1.296 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VV038362.D

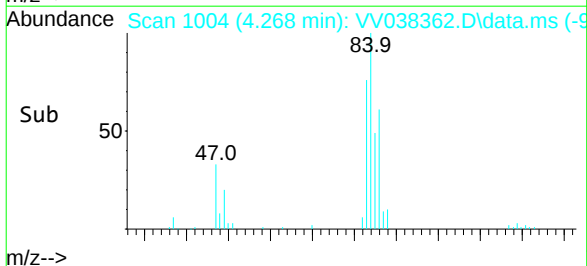
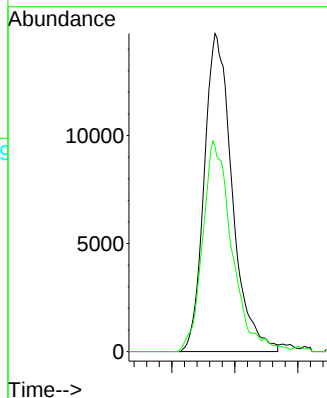
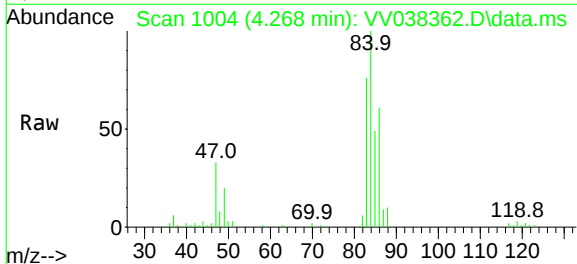
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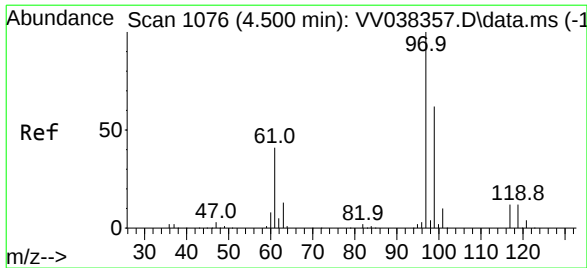
Tgt Ion: 83 Resp: 45380

Ion Ratio Lower Upper

83 100

85 64.3 46.5 86.3

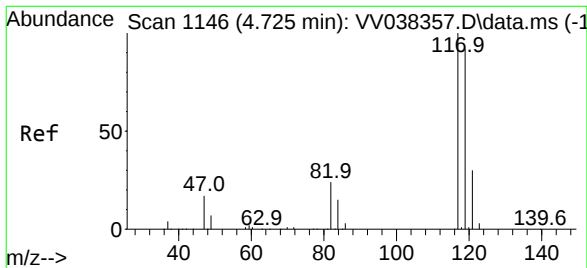
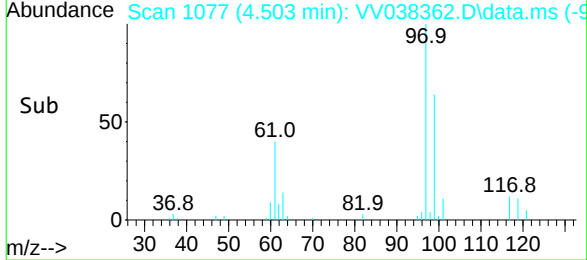
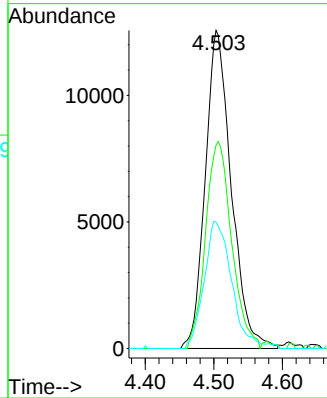
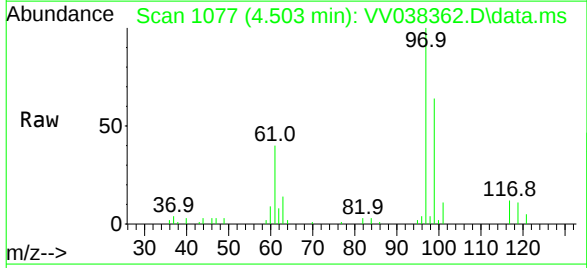




#29
1,1,1-Trichloroethane
Concen: 1.012 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

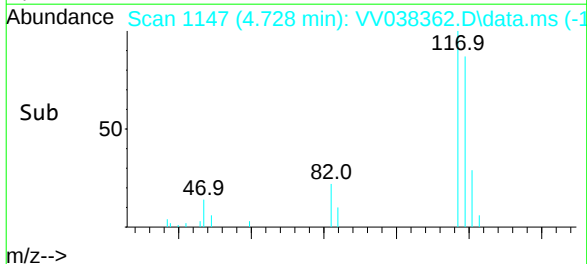
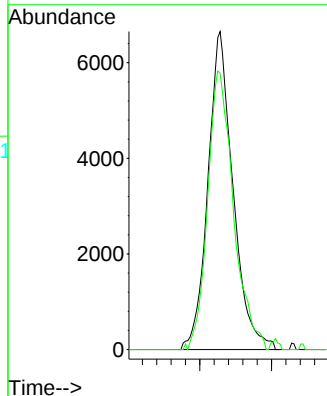
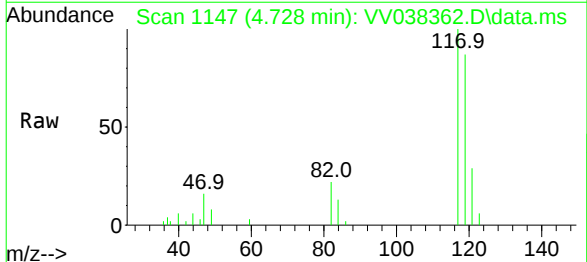
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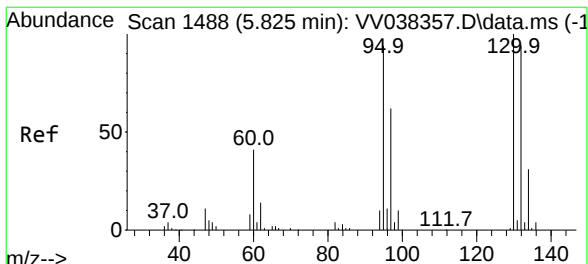
Tgt Ion:	97	Resp:	33135
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.8	77.8
61	41.9	32.2	48.2



#31
Carbon tetrachloride
Concen: 0.559 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV038362.D
Acq: 26 Nov 2024 13:52

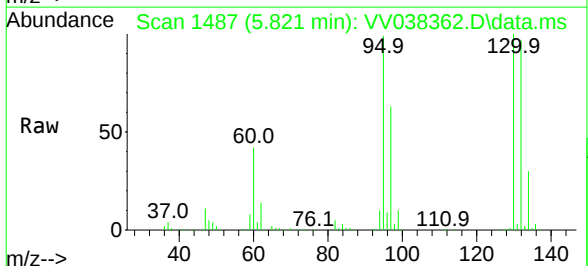
Tgt Ion:	117	Resp:	16148
Ion	Ratio	Lower	Upper
117	100		
119	90.4	77.4	116.2



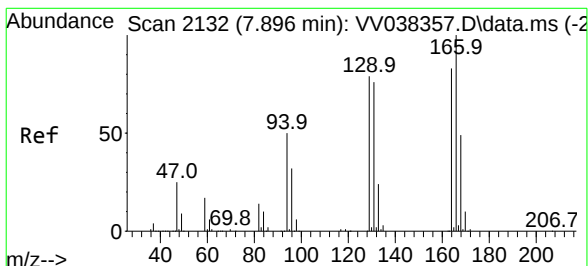
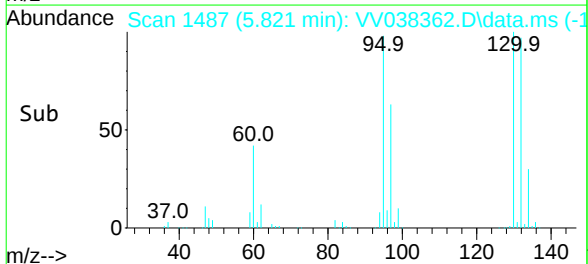
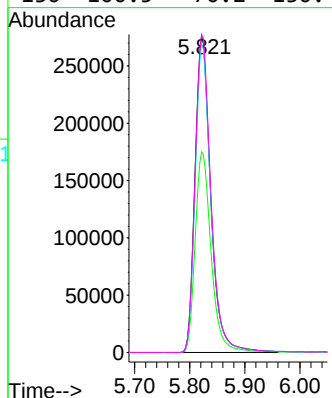


#34
 Trichloroethene
 Concen: 26.252 ug/L
 RT: 5.821 min Scan# 1487
 Delta R.T. -0.003 min
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Instrument : MSVOA_V
 ClientSampleId : BG439



Tgt Ion:	95	Resp:	548506
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.8	83.2
132	97.4	68.3	126.8
130	100.5	70.2	130.4



#47
 Tetrachloroethene
 Concen: 11.684 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV038362.D
 Acq: 26 Nov 2024 13:52

Tgt Ion:	164	Resp:	196172
Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.5	127.1
131	92.2	64.8	120.4
166	126.7	88.3	163.9

