

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038364.D
 Acq On : 26 Nov 2024 15:04
 Operator : SY/MD
 Sample : P4930-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG441

Quant Time: Nov 27 00:22:18 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)

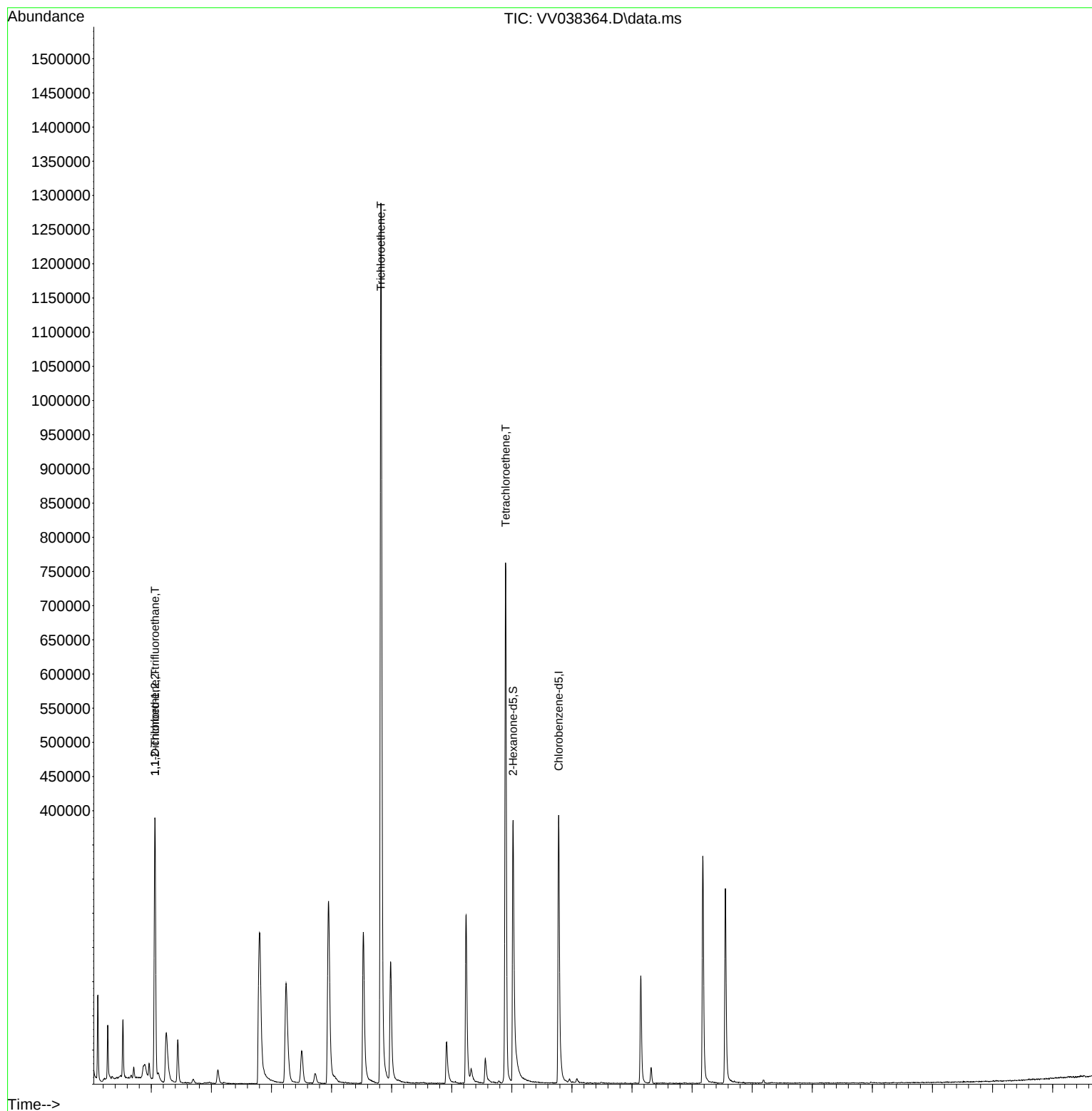
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	206683	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	232619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	94555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49328	3.114	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.529	69	54767	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.053	65	24482	3.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.786	46	195221	61.601	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.200%
24) Chloroform-d	4.240	84	152376	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	4.937	65	76694	5.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	4.953	84	245251	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.982	67	92275	4.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.240	98	179915	3.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	7.558	79	28667	4.168	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.021	63	141972	53.100	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.200%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	80455	5.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	78682	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.108	85	4973	0.254	ug/L	100
9) Trichlorofluoromethane	1.709	101	9332	0.344	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	17412	1.124	ug/L	92
12) 1,1-Dichloroethene	2.063	96	75619	5.122	ug/L	87
16) Methylene chloride	2.442	84	27473	1.632	ug/L	96
19) 1,1-Dichloroethane	3.108	63	21193	0.751	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	90983	5.658	ug/L	98
25) Chloroform	4.275	83	44000	1.457	ug/L	96
29) 1,1,1-Trichloroethane	4.507	97	41188	1.476	ug/L	97
31) Carbon tetrachloride	4.728	117	11241	0.457	ug/L	94
34) Trichloroethene	5.822	95	475451	26.693	ug/L	99
42) Toluene	7.323	91	16684	0.241	ug/L	94
47) Tetrachloroethene	7.899	164	169699	11.856	ug/L	98
51) Chlorobenzene	8.821	112	11623	0.244	ug/L	94

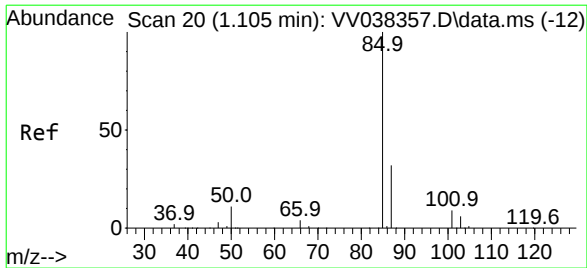
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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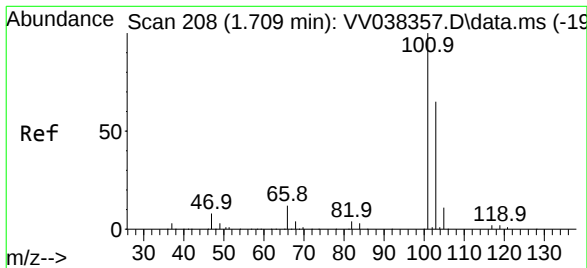
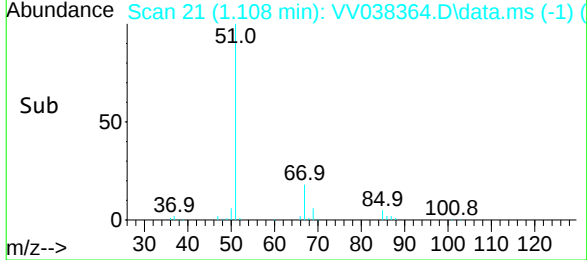
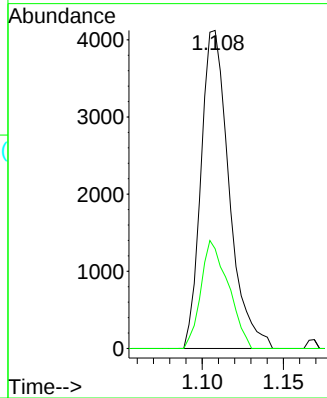
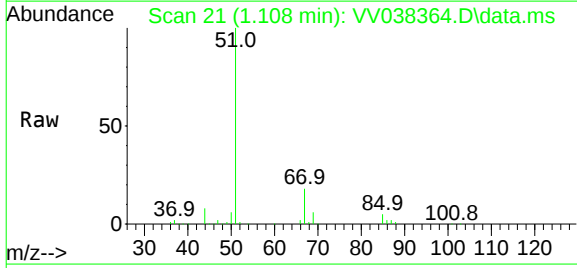




#2
Dichlorodifluoromethane
Concen: 0.254 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

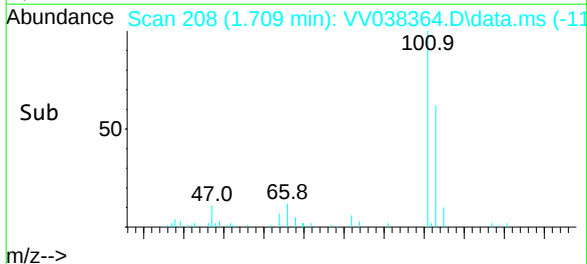
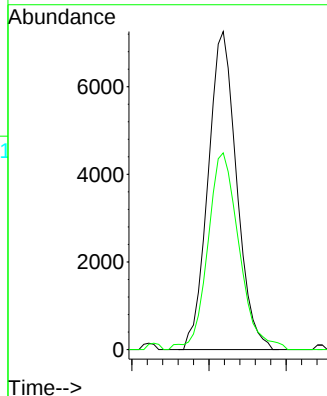
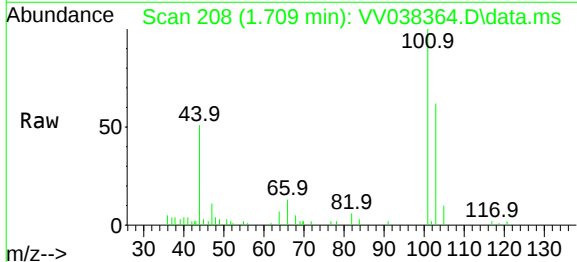
Instrument :
MSVOA_V
ClientSampleId :
BG441

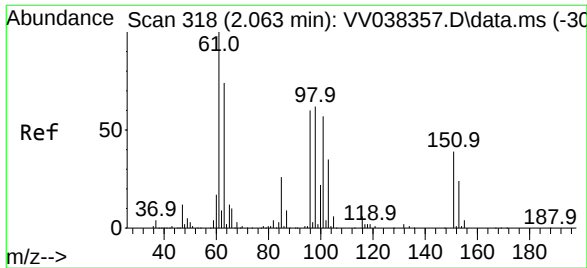
Tgt Ion: 85 Resp: 4973
Ion Ratio Lower Upper
85 100
87 33.1 26.5 39.7



#9
Trichlorofluoromethane
Concen: 0.344 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

Tgt Ion: 101 Resp: 9332
Ion Ratio Lower Upper
101 100
103 67.7 51.5 77.3

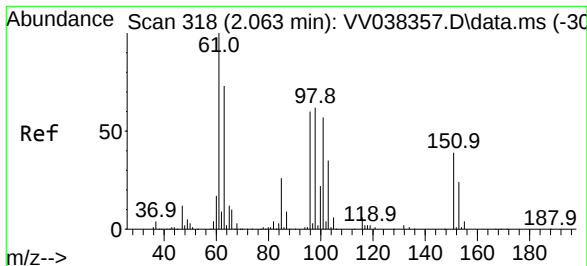
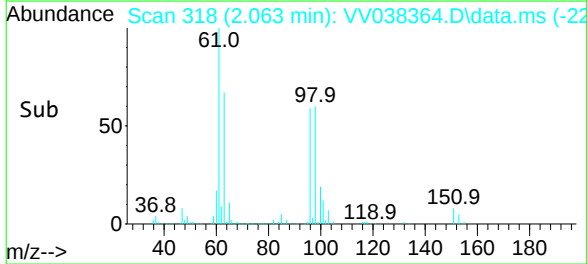
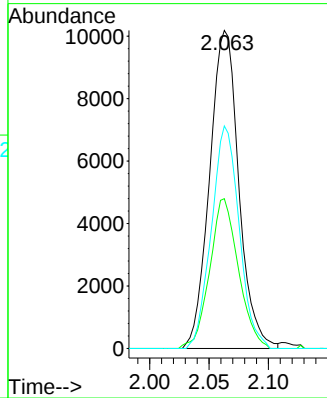
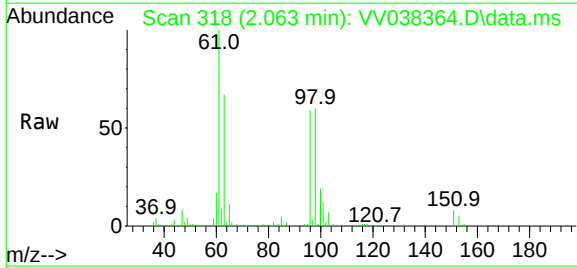




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.124 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

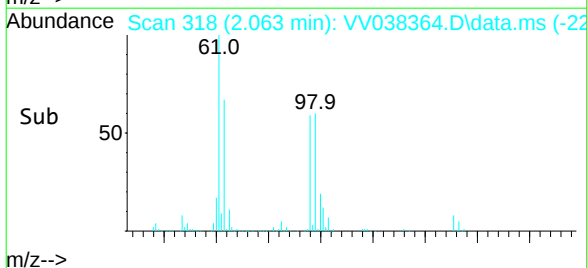
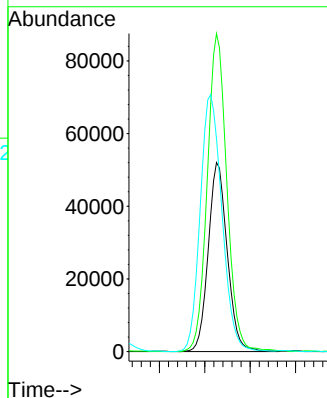
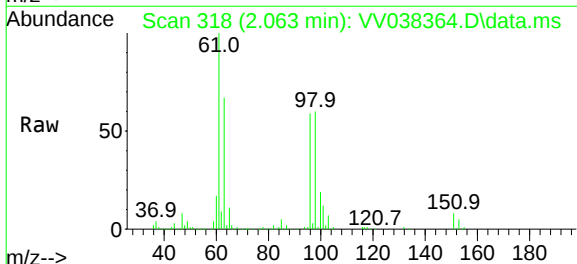
Instrument :
MSVOA_V
ClientSampleId :
BG441

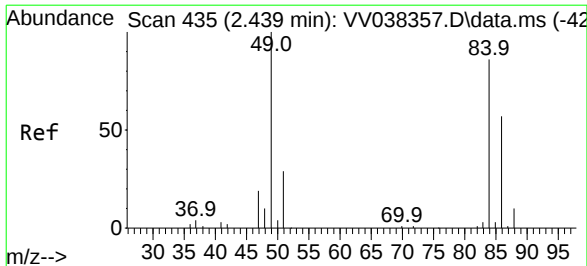
Tgt Ion:	101	Resp:	17412
Ion	Ratio	Lower	Upper
101	100		
85	46.3	33.4	50.0
151	66.6	58.8	88.2



#12
1,1-Dichloroethene
Concen: 5.122 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

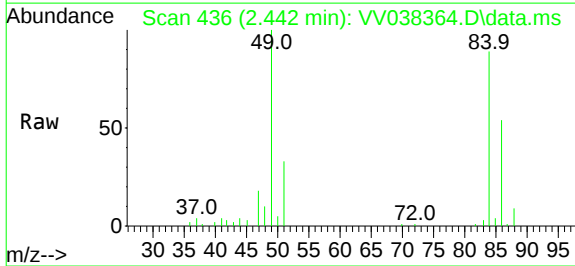
Tgt Ion:	96	Resp:	75619
Ion	Ratio	Lower	Upper
96	100		
61	168.2	115.7	214.9
63	112.5	101.1	187.7



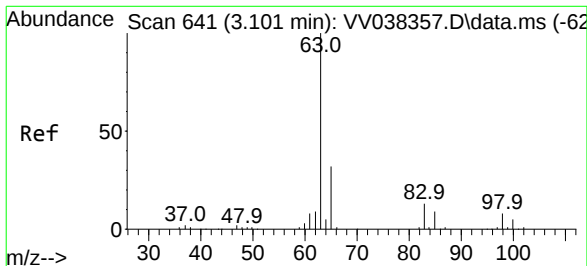
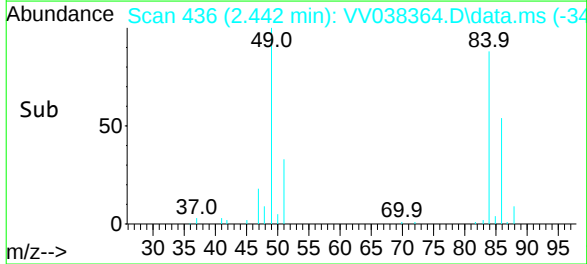
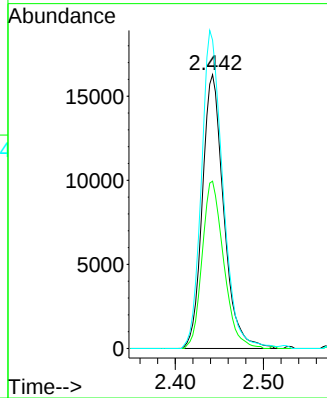


#16
Methylene chloride
Concen: 1.632 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

Instrument :
MSVOA_V
ClientSampleId :
BG441

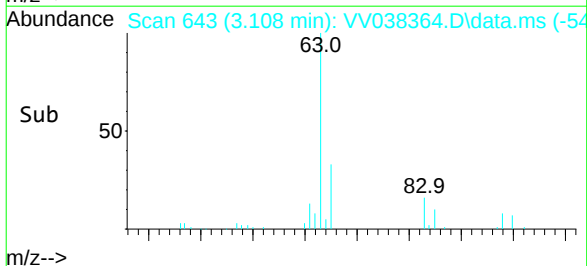
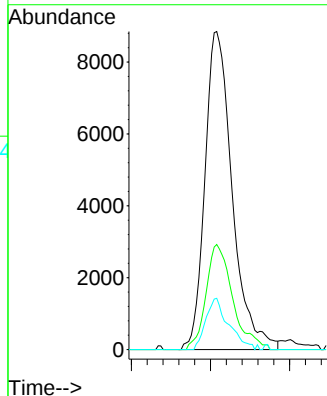
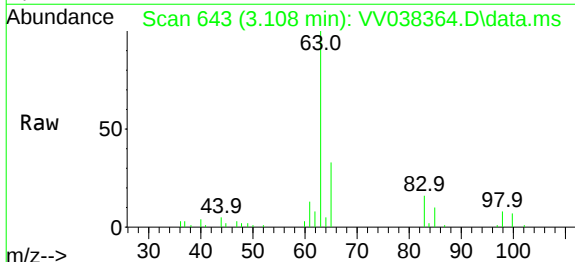


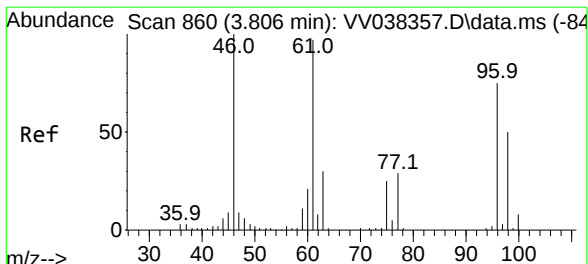
Tgt Ion: 84 Resp: 27473
Ion Ratio Lower Upper
84 100
86 61.1 44.2 82.2
49 112.6 74.9 139.1



#19
1,1-Dichloroethane
Concen: 0.751 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

Tgt Ion: 63 Resp: 21193
Ion Ratio Lower Upper
63 100
65 33.0 22.5 41.7
83 16.1 10.1 18.9



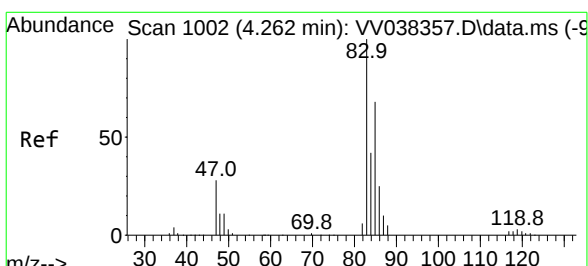
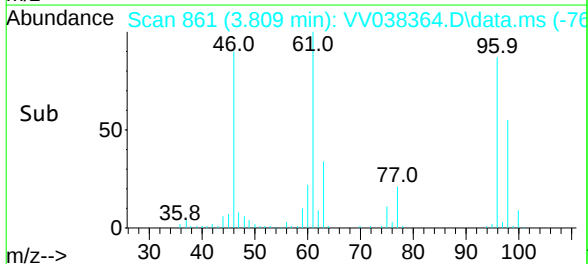
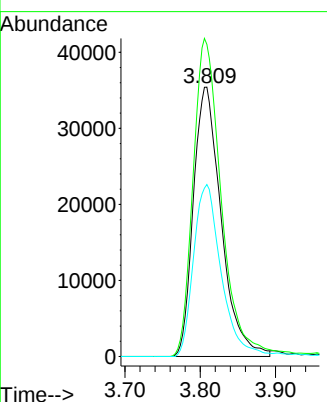
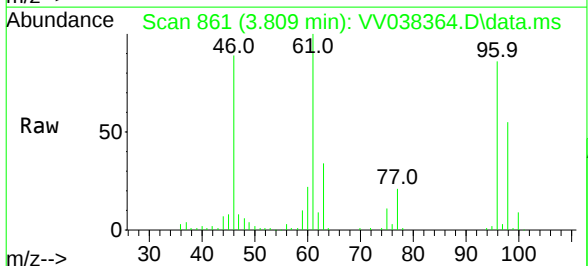


#22
 cis-1,2-Dichloroethene
 Concen: 5.658 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038364.D
 Acq: 26 Nov 2024 15:04

Instrument :
 MSVOA_V
 ClientSampleId :
 BG441

Tgt Ion: 96 Resp: 90983

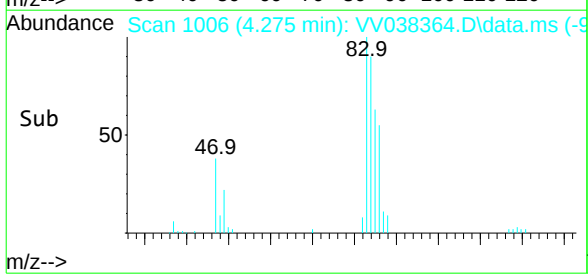
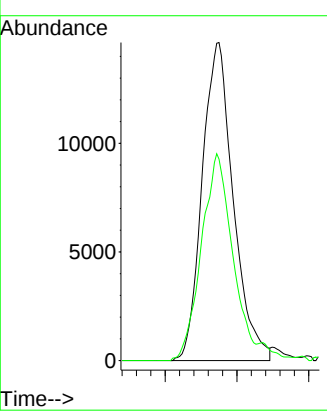
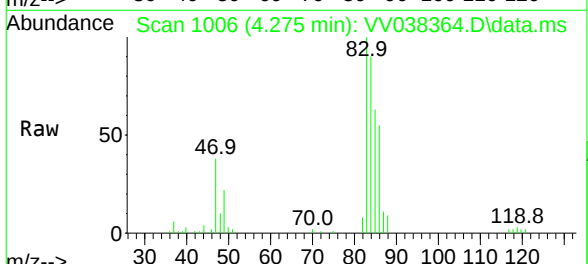
Ion	Ratio	Lower	Upper
96	100		
61	115.9	82.7	153.5
98	63.8	46.3	85.9

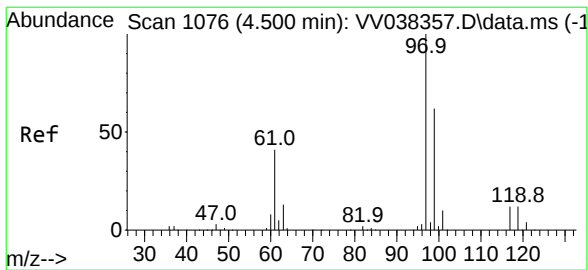


#25
 Chloroform
 Concen: 1.457 ug/L
 RT: 4.275 min Scan# 1006
 Delta R.T. 0.013 min
 Lab File: VV038364.D
 Acq: 26 Nov 2024 15:04

Tgt Ion: 83 Resp: 44000

Ion	Ratio	Lower	Upper
83	100		
85	63.3	46.5	86.3

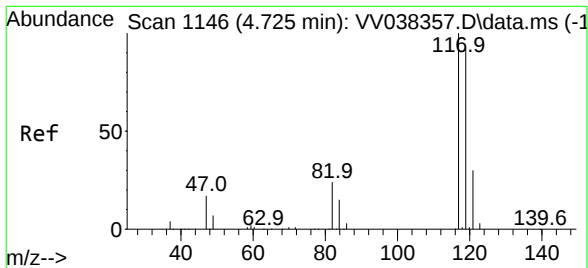
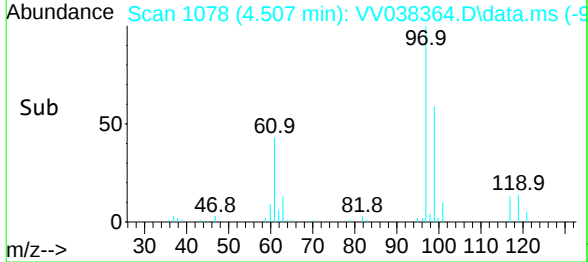
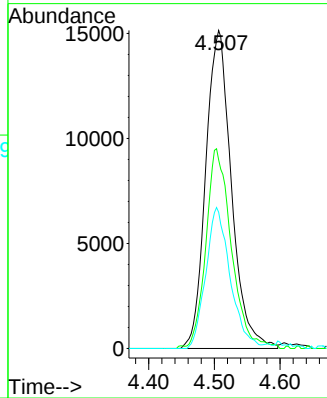
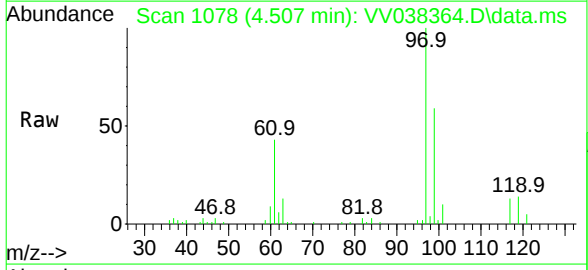




#29
1,1,1-Trichloroethane
Concen: 1.476 ug/L
RT: 4.507 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

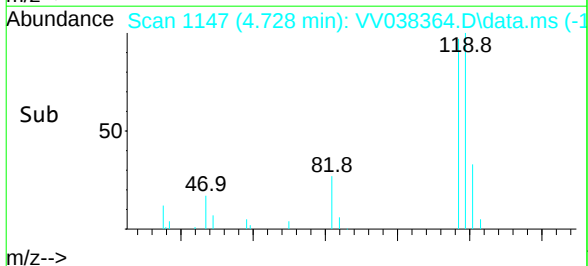
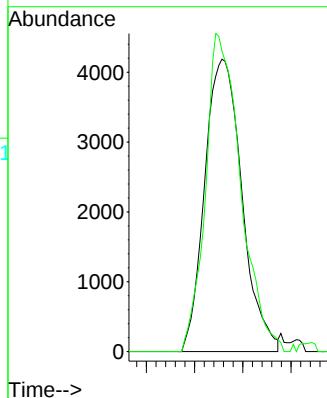
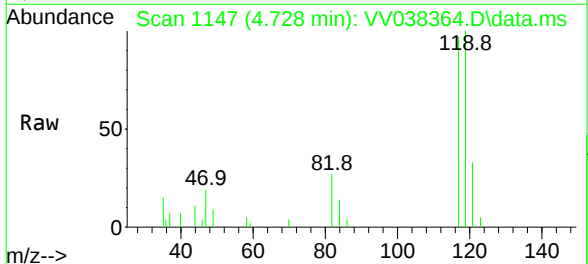
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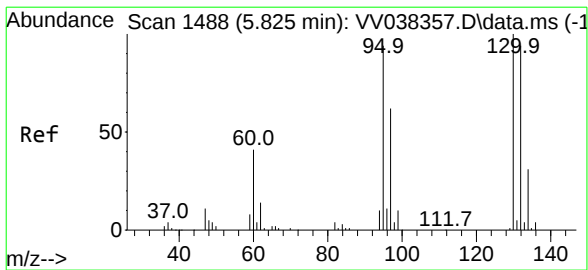
Tgt Ion:	97	Resp:	41188
Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.8	77.8
61	42.1	32.2	48.2



#31
Carbon tetrachloride
Concen: 0.457 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV038364.D
Acq: 26 Nov 2024 15:04

Tgt Ion:	117	Resp:	11241
Ion	Ratio	Lower	Upper
117	100		
119	102.5	77.4	116.2





#34

Trichloroethene

Concen: 26.693 ug/L

RT: 5.822 min Scan# 14

Delta R.T. -0.003 min

Lab File: VV038364.D

Acq: 26 Nov 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

BG441

Tgt Ion: 95 Resp: 475451

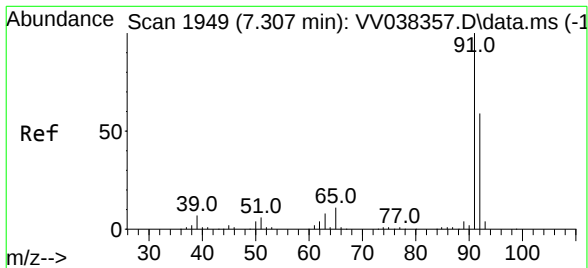
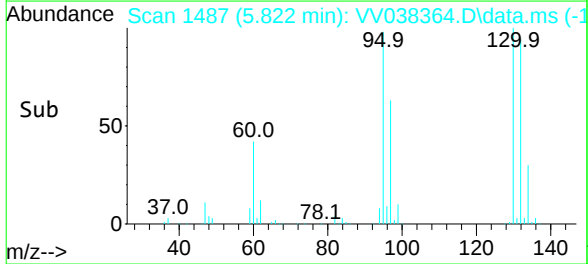
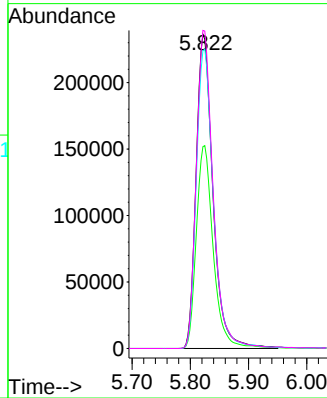
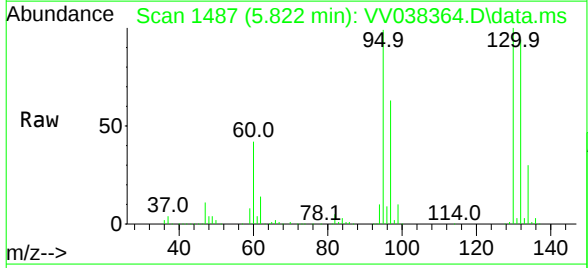
Ion Ratio Lower Upper

95 100

97 64.2 44.8 83.2

132 94.8 68.3 126.8

130 101.2 70.2 130.4



#42

Toluene

Concen: 0.241 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038364.D

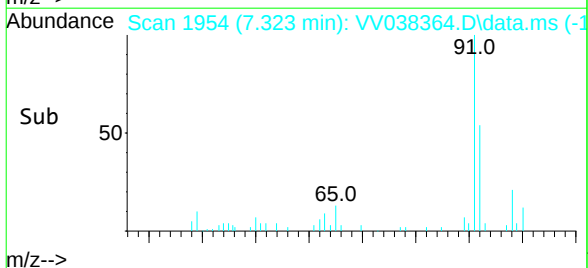
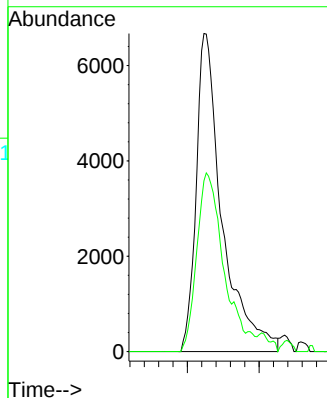
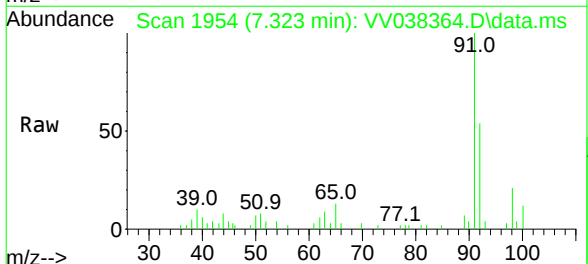
Acq: 26 Nov 2024 15:04

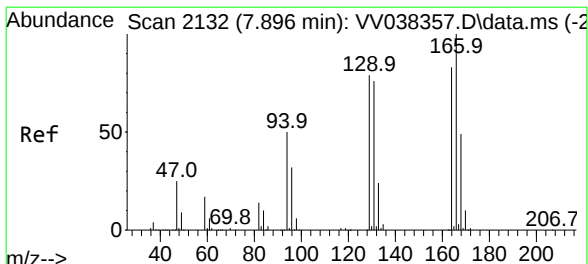
Tgt Ion: 91 Resp: 16684

Ion Ratio Lower Upper

91 100

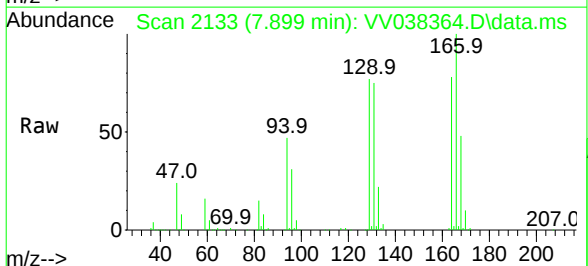
92 53.7 40.8 75.8



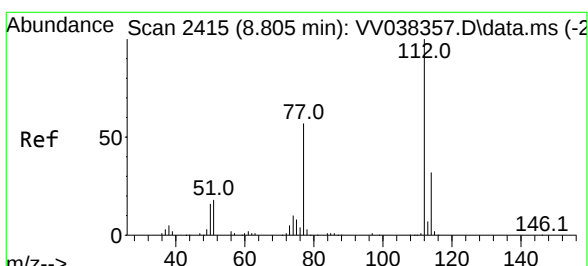
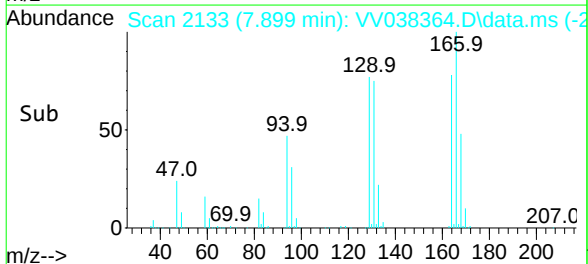
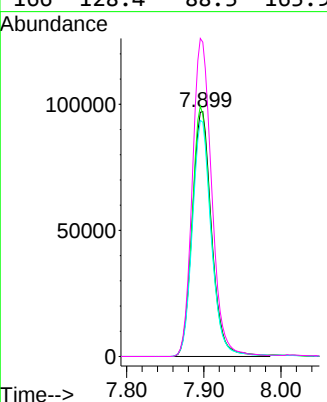


#47
 Tetrachloroethene
 Concen: 11.856 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV038364.D
 Acq: 26 Nov 2024 15:04

Instrument :
 MSVOA_V
 ClientSampleId :
 BG441



Tgt Ion:	164	Resp:	169699
Ion	Ratio	Lower	Upper
164	100		
129	98.9	68.5	127.1
131	95.7	64.8	120.4
166	128.4	88.3	163.9



#51
 Chlorobenzene
 Concen: 0.244 ug/L
 RT: 8.821 min Scan# 2420
 Delta R.T. 0.016 min
 Lab File: VV038364.D
 Acq: 26 Nov 2024 15:04

Tgt Ion:	112	Resp:	11623
Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.0	40.8
77	61.5	45.0	67.4

