

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038365.D
 Acq On : 26 Nov 2024 15:28
 Operator : SY/MD
 Sample : P4930-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG440RE

Quant Time: Nov 27 00:22:45 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)

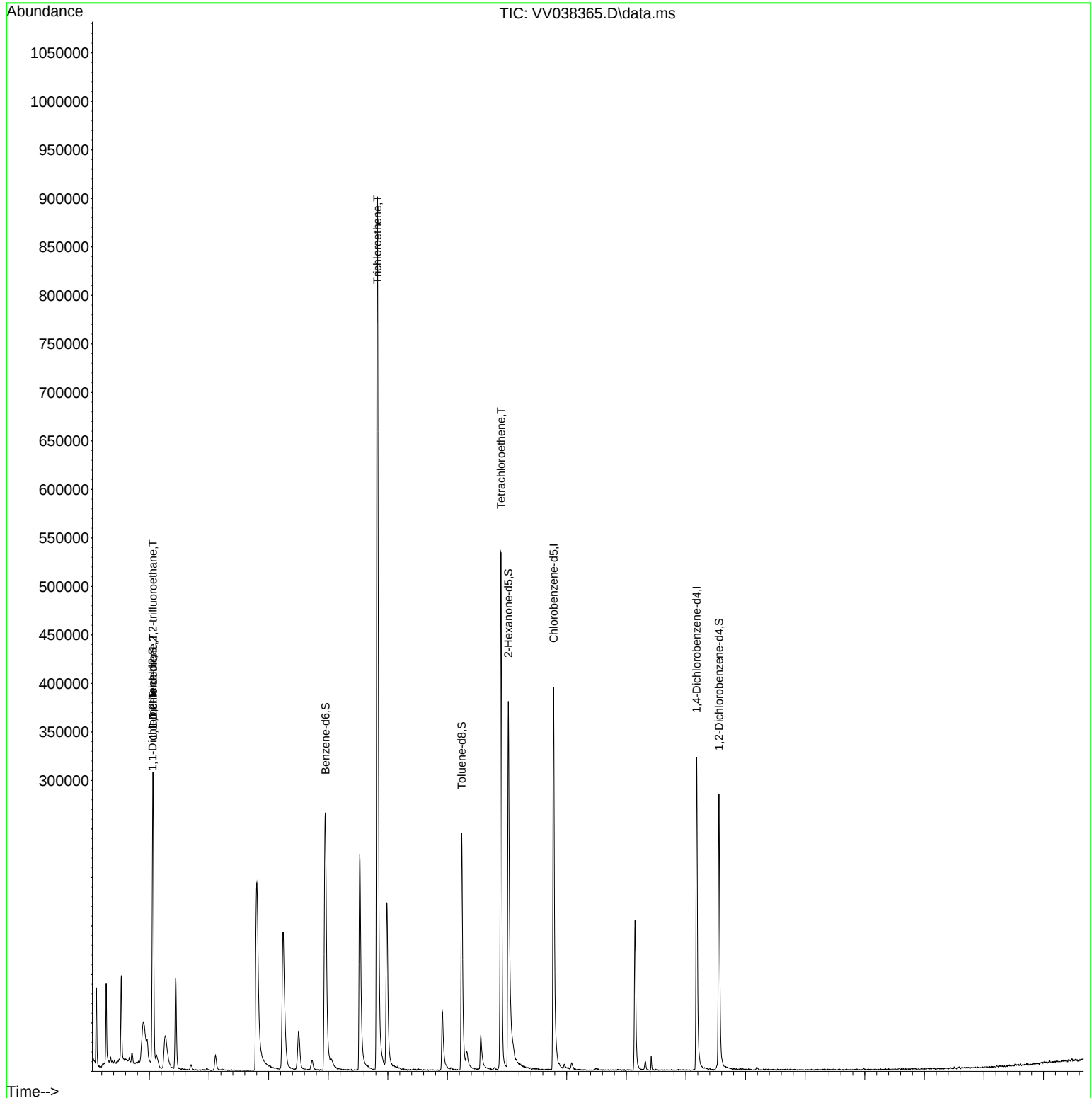
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	205439	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	229605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	92979	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49967	3.173	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.529	69	57282	4.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.053	65	24673	3.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.789	46	193040	61.282	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.560%
24) Chloroform-d	4.243	84	149510	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.937	65	75000	5.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	4.953	84	241935	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.982	67	90217	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.239	98	177489	3.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	7.558	79	26610	3.920	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.021	63	141847	53.750	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.500%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	79527	5.130	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	77713	4.906	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.104	85	3557	0.183	ug/L	91
9) Trichlorofluoromethane	1.709	101	6594	0.244	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	13637	0.885	ug/L	96
12) 1,1-Dichloroethene	2.063	96	50494	3.441	ug/L	97
16) Methylene chloride	2.442	84	41377	2.473	ug/L	97
19) 1,1-Dichloroethane	3.108	63	16367	0.583	ug/L	92
22) cis-1,2-Dichloroethene	3.805	96	67902	4.248	ug/L	98
25) Chloroform	4.268	83	33192	1.106	ug/L	93
27) 1,2-Dichloroethane	5.056	62	7460	0.457	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	34537	1.254	ug/L	97
31) Carbon tetrachloride	4.731	117	8002	0.329	ug/L	99
34) Trichloroethene	5.825	95	334682	19.036	ug/L	99
42) Toluene	7.329	91	16486	0.241	ug/L	93
47) Tetrachloroethene	7.898	164	122185	8.649	ug/L	98
51) Chlorobenzene	8.812	112	11163	0.237	ug/L	94

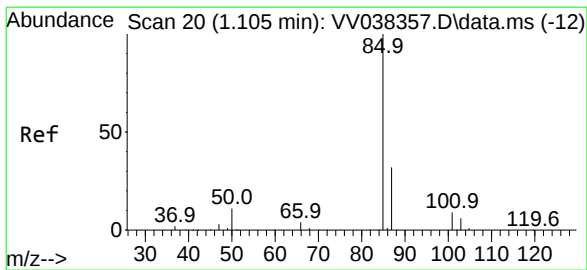
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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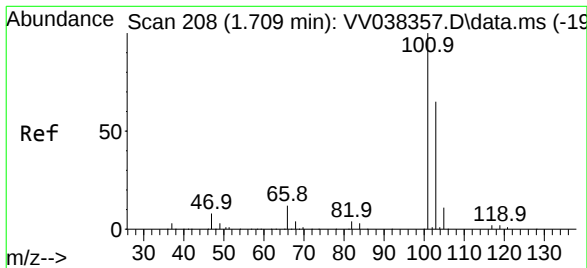
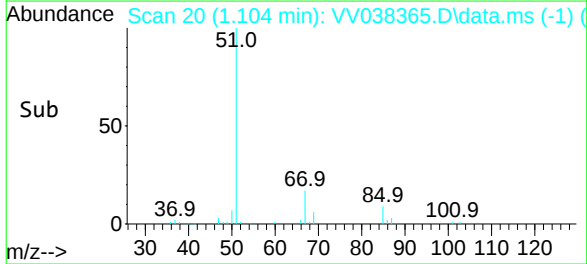
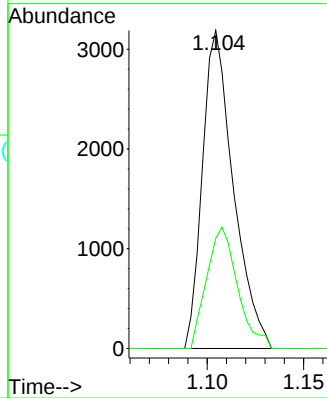
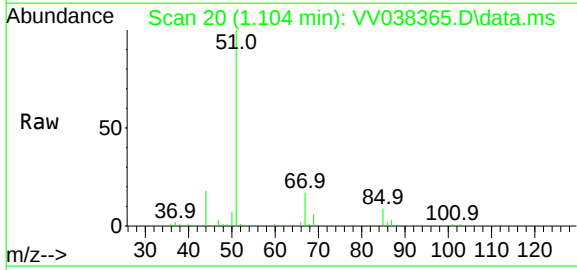




#2
 Dichlorodifluoromethane
 Concen: 0.183 ug/L
 RT: 1.104 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038365.D
 Acq: 26 Nov 2024 15:28

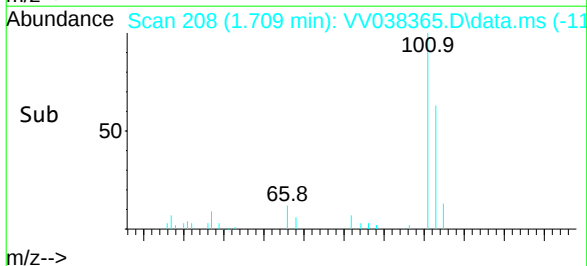
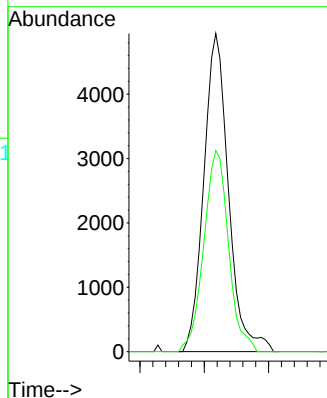
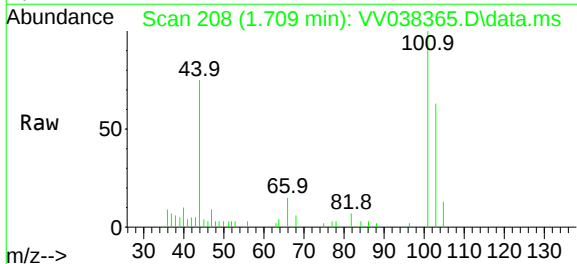
Instrument :
 MSVOA_V
 ClientSampleId :
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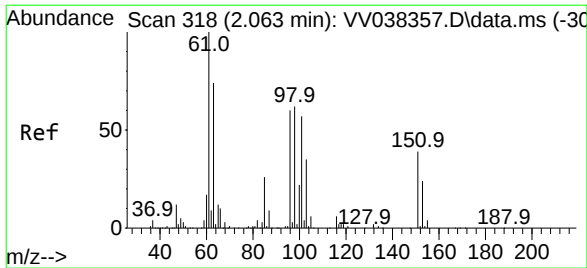
Tgt Ion: 85 Resp: 3557
 Ion Ratio Lower Upper
 85 100
 87 38.1 26.5 39.7



#9
 Trichlorofluoromethane
 Concen: 0.244 ug/L
 RT: 1.709 min Scan# 208
 Delta R.T. -0.000 min
 Lab File: VV038365.D
 Acq: 26 Nov 2024 15:28

Tgt Ion: 101 Resp: 6594
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.5 77.3

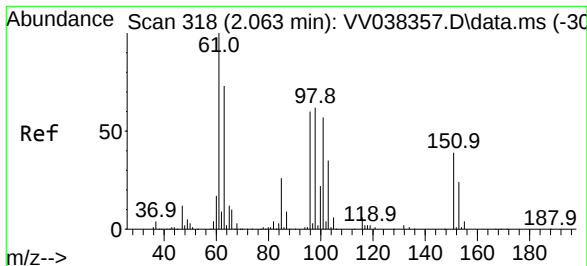
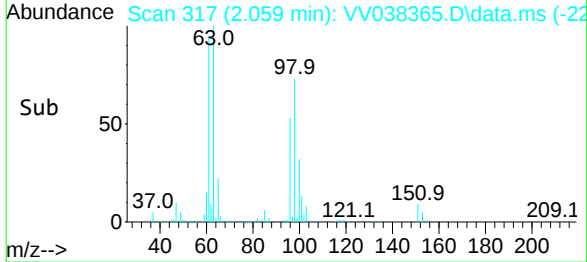
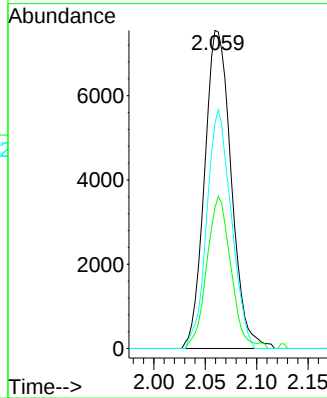
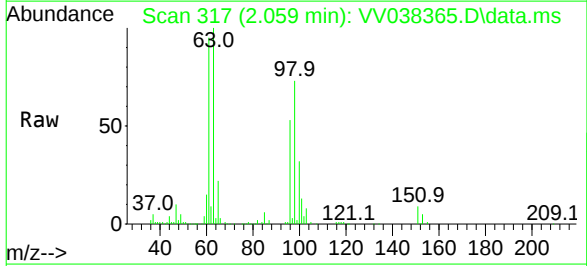




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.885 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.004 min
Lab File: VV038365.D
Acq: 26 Nov 2024 15:28

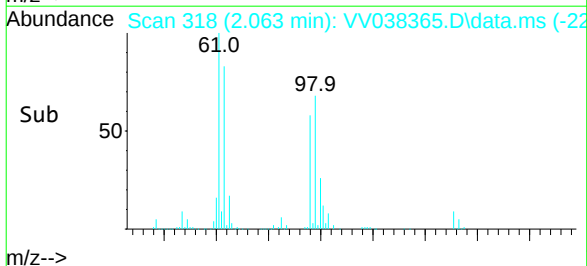
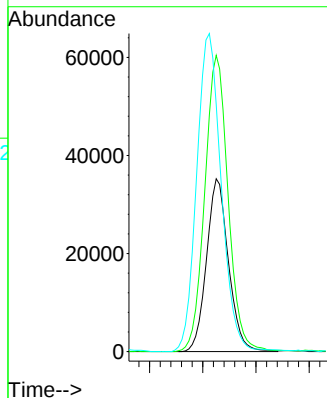
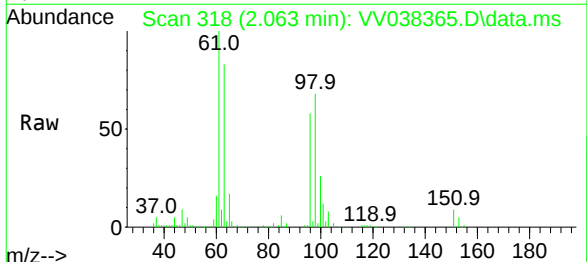
Instrument :
MSVOA_V
ClientSampleId :
BG440RE

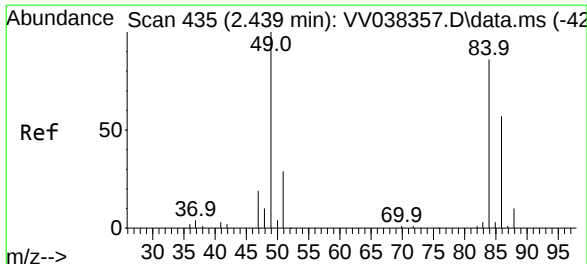
Tgt Ion: 101 Resp: 13637
Ion Ratio Lower Upper
101 100
85 43.2 33.4 50.0
151 68.9 58.8 88.2



#12
1,1-Dichloroethene
Concen: 3.441 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038365.D
Acq: 26 Nov 2024 15:28

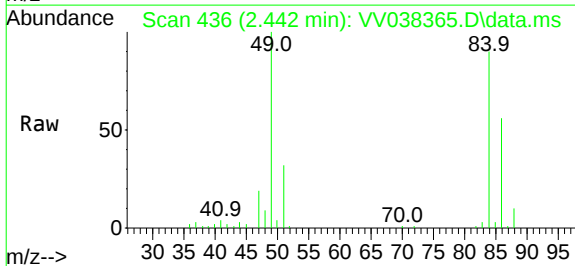
Tgt Ion: 96 Resp: 50494
Ion Ratio Lower Upper
96 100
61 171.4 115.7 214.9
63 142.9 101.1 187.7



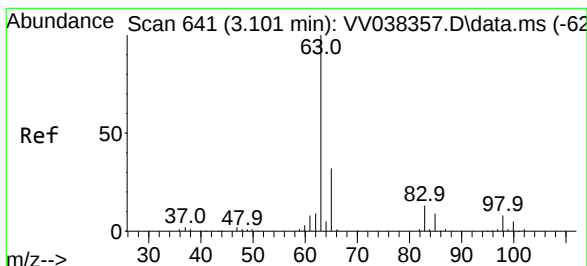
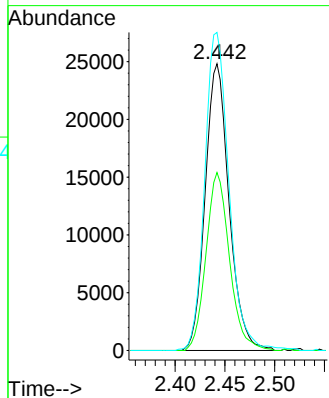
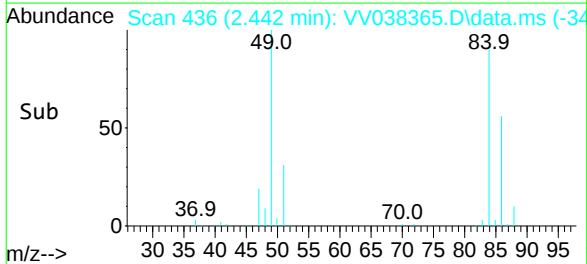


#16
Methylene chloride
Concen: 2.473 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038365.D
Acq: 26 Nov 2024 15:28

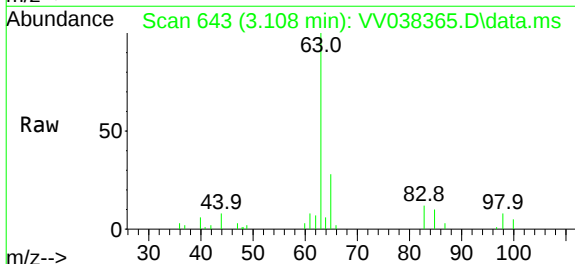
Instrument :
MSVOA_V
ClientSampleId :
BG440RE



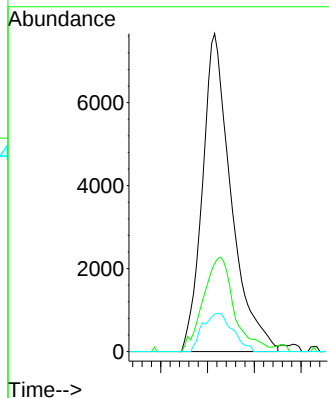
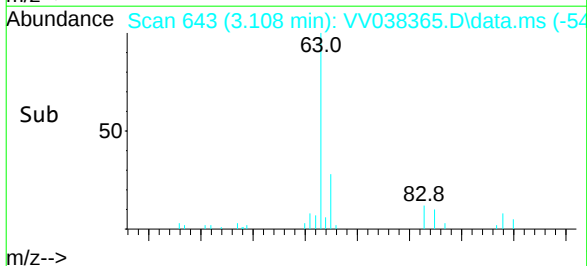
Tgt Ion: 84 Resp: 41377
Ion Ratio Lower Upper
84 100
86 62.1 44.2 82.2
49 110.9 74.9 139.1

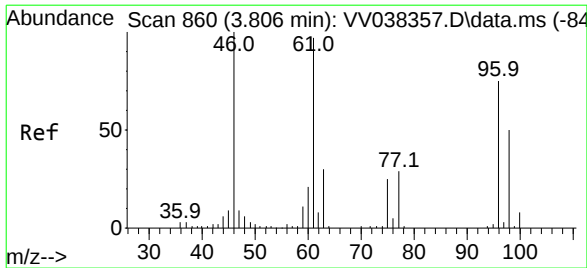


#19
1,1-Dichloroethane
Concen: 0.583 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV038365.D
Acq: 26 Nov 2024 15:28



Tgt Ion: 63 Resp: 16367
Ion Ratio Lower Upper
63 100
65 27.7 22.5 41.7
83 11.8 10.1 18.9

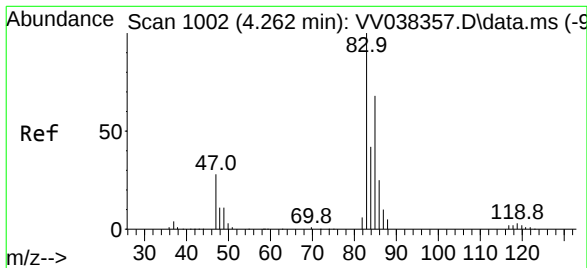
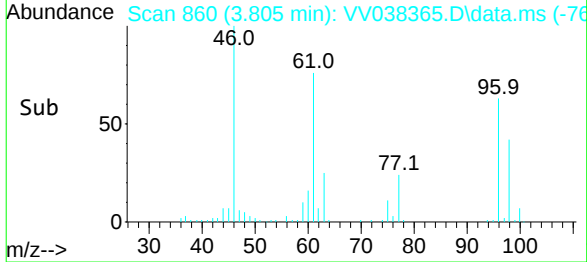
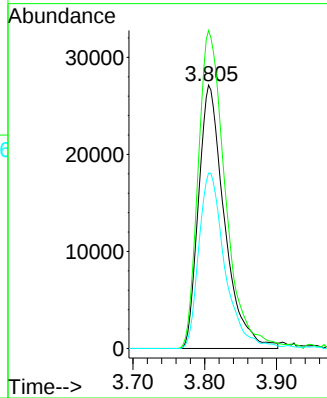
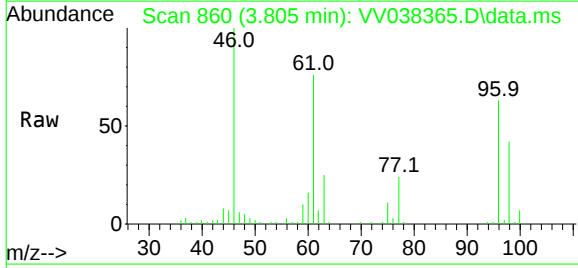




#22
cis-1,2-Dichloroethene
Concen: 4.248 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV038365.D
Acq: 26 Nov 2024 15:28

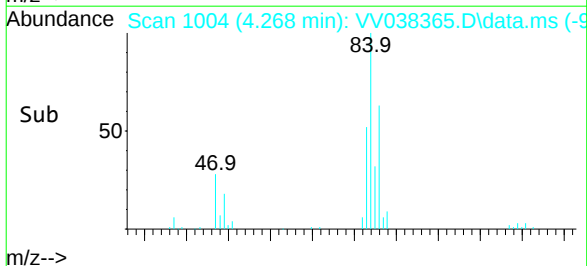
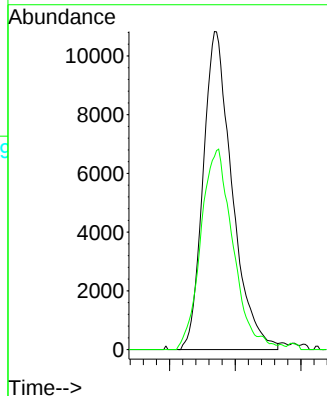
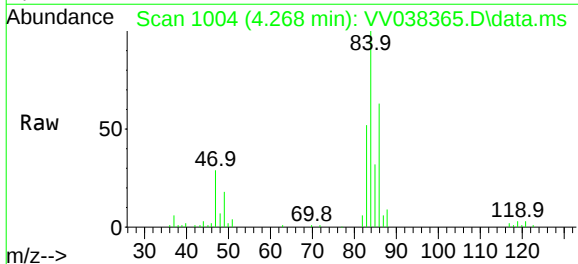
Instrument :
MSVOA_V
ClientSampleId :
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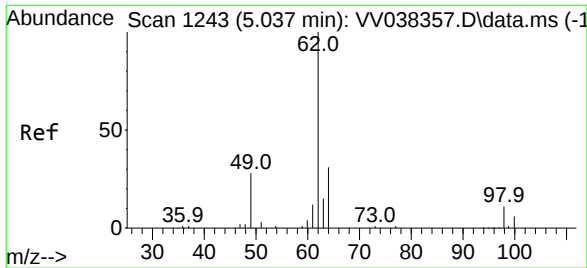
Tgt Ion:	96	Resp:	67902
Ion	Ratio	Lower	Upper
96	100		
61	120.7	82.7	153.5
98	66.6	46.3	85.9



#25
Chloroform
Concen: 1.106 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VV038365.D
Acq: 26 Nov 2024 15:28

Tgt Ion:	83	Resp:	33192
Ion	Ratio	Lower	Upper
83	100		
85	60.7	46.5	86.3

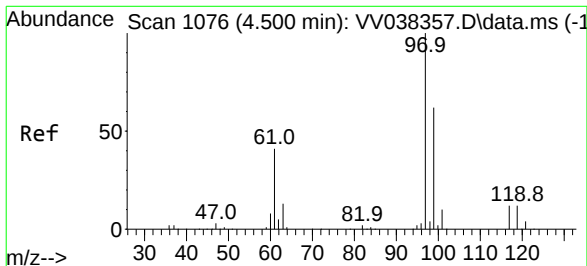
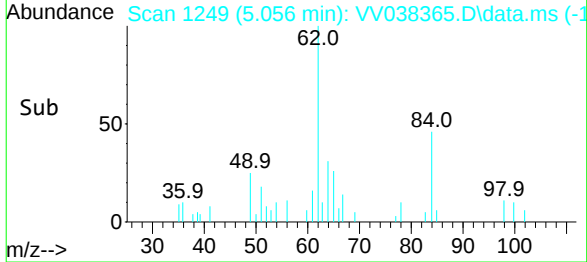
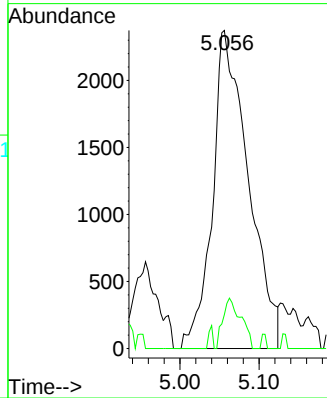
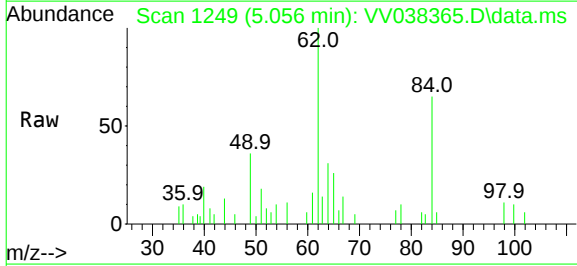




#27
1,2-Dichloroethane
Concen: 0.457 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.019 min
Lab File: VV038365.D
Acq: 26 Nov 2024 15:28

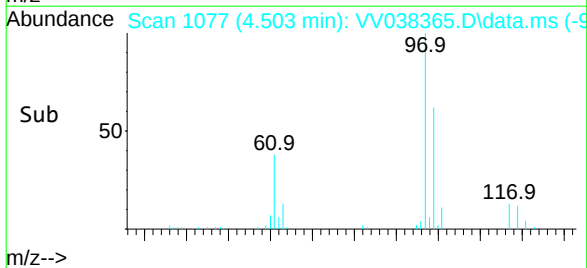
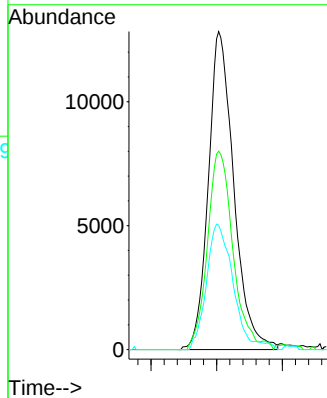
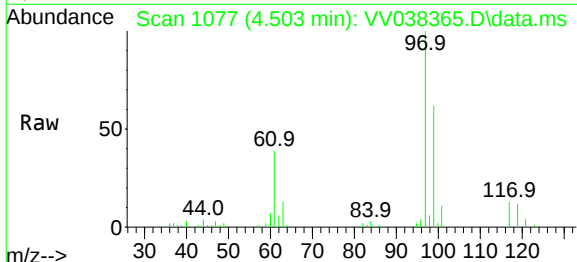
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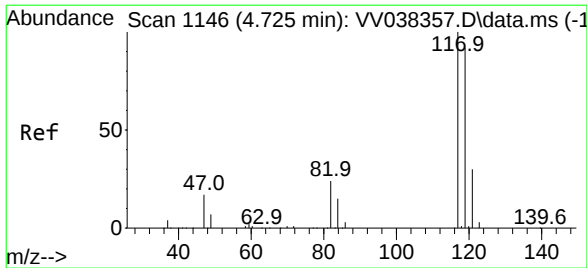
Tgt Ion: 62 Resp: 7460
Ion Ratio Lower Upper
62 100
98 10.6 8.2 12.4



#29
1,1,1-Trichloroethane
Concen: 1.254 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038365.D
Acq: 26 Nov 2024 15:28

Tgt Ion: 97 Resp: 34537
Ion Ratio Lower Upper
97 100
99 62.0 51.8 77.8
61 40.9 32.2 48.2





#31

Carbon tetrachloride

Concen: 0.329 ug/L

RT: 4.731 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VV038365.D

Acq: 26 Nov 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :

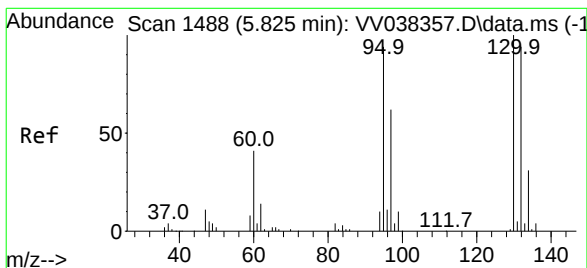
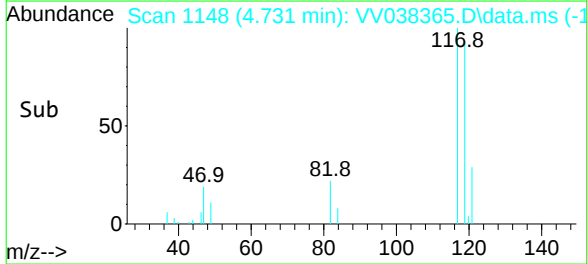
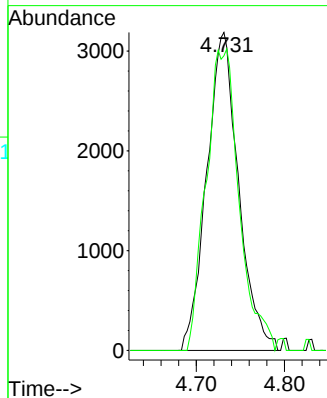
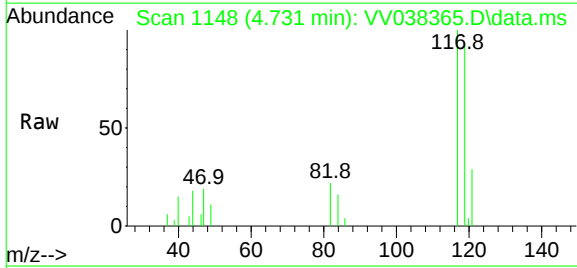
BG440RE

Tgt Ion:117 Resp: 8002

Ion Ratio Lower Upper

117 100

119 98.1 77.4 116.2



#34

Trichloroethene

Concen: 19.036 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV038365.D

Acq: 26 Nov 2024 15:28

Tgt Ion: 95 Resp: 334682

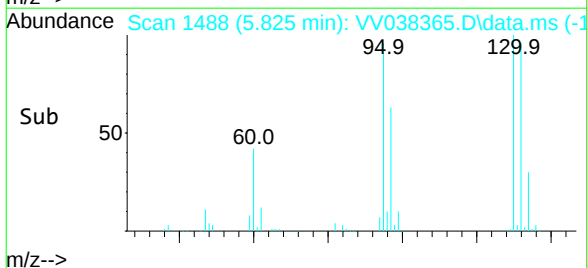
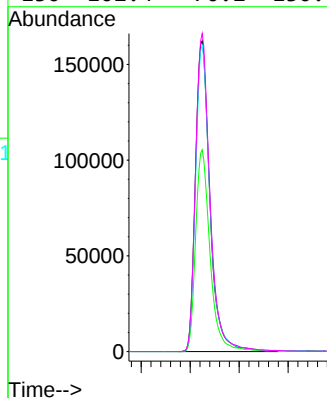
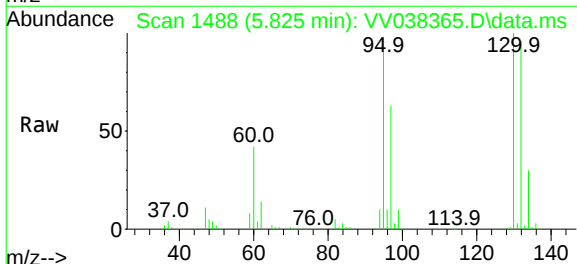
Ion Ratio Lower Upper

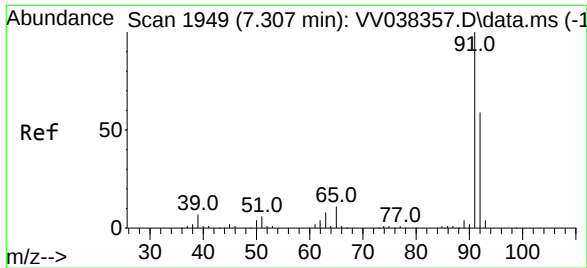
95 100

97 64.9 44.8 83.2

132 98.6 68.3 126.8

130 102.4 70.2 130.4





#42

Toluene

Concen: 0.241 ug/L

RT: 7.329 min Scan# 19

Delta R.T. 0.022 min

Lab File: VV038365.D

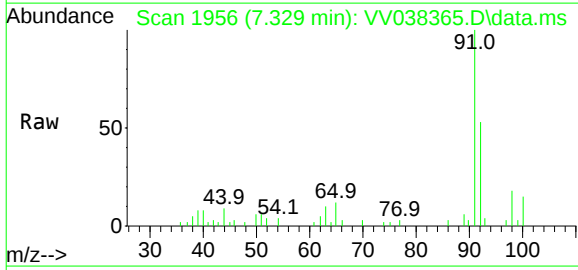
Acq: 26 Nov 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :

BG440RE

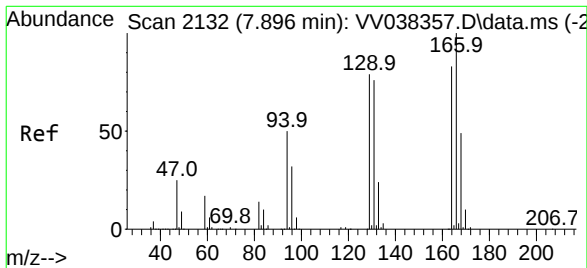
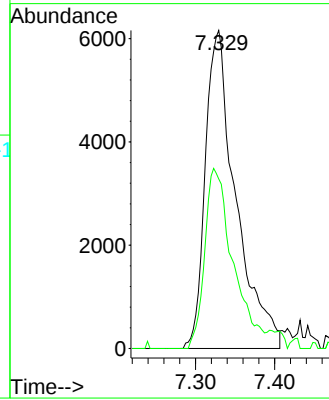
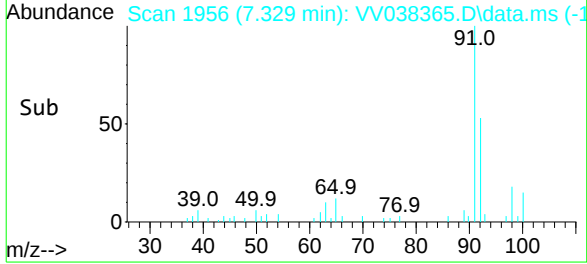


Tgt Ion: 91 Resp: 16486

Ion Ratio Lower Upper

91 100

92 53.3 40.8 75.8



#47

Tetrachloroethene

Concen: 8.649 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038365.D

Acq: 26 Nov 2024 15:28

Tgt Ion: 164 Resp: 122185

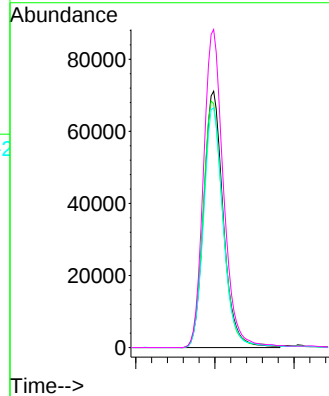
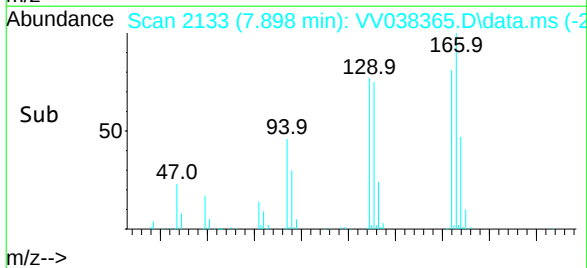
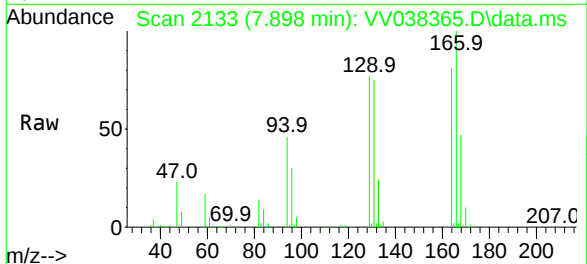
Ion Ratio Lower Upper

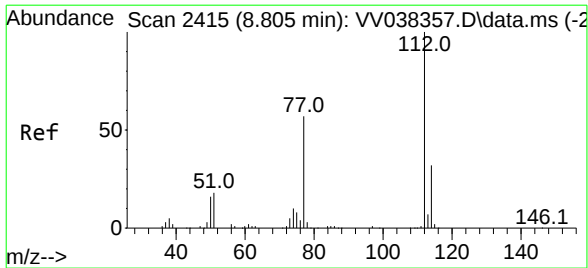
164 100

129 95.1 68.5 127.1

131 93.5 64.8 120.4

166 124.0 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.237 ug/L
 RT: 8.812 min Scan# 2417
 Delta R.T. 0.006 min
 Lab File: VV038365.D
 Acq: 26 Nov 2024 15:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BG440RE

Tgt Ion:	112	Resp:	11163
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.0	40.8
77	62.5	45.0	67.4

