

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038372.D
 Acq On : 26 Nov 2024 18:18
 Operator : SY/MD
 Sample : P4930-01DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG439DL

Quant Time: Nov 27 00:25:08 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)

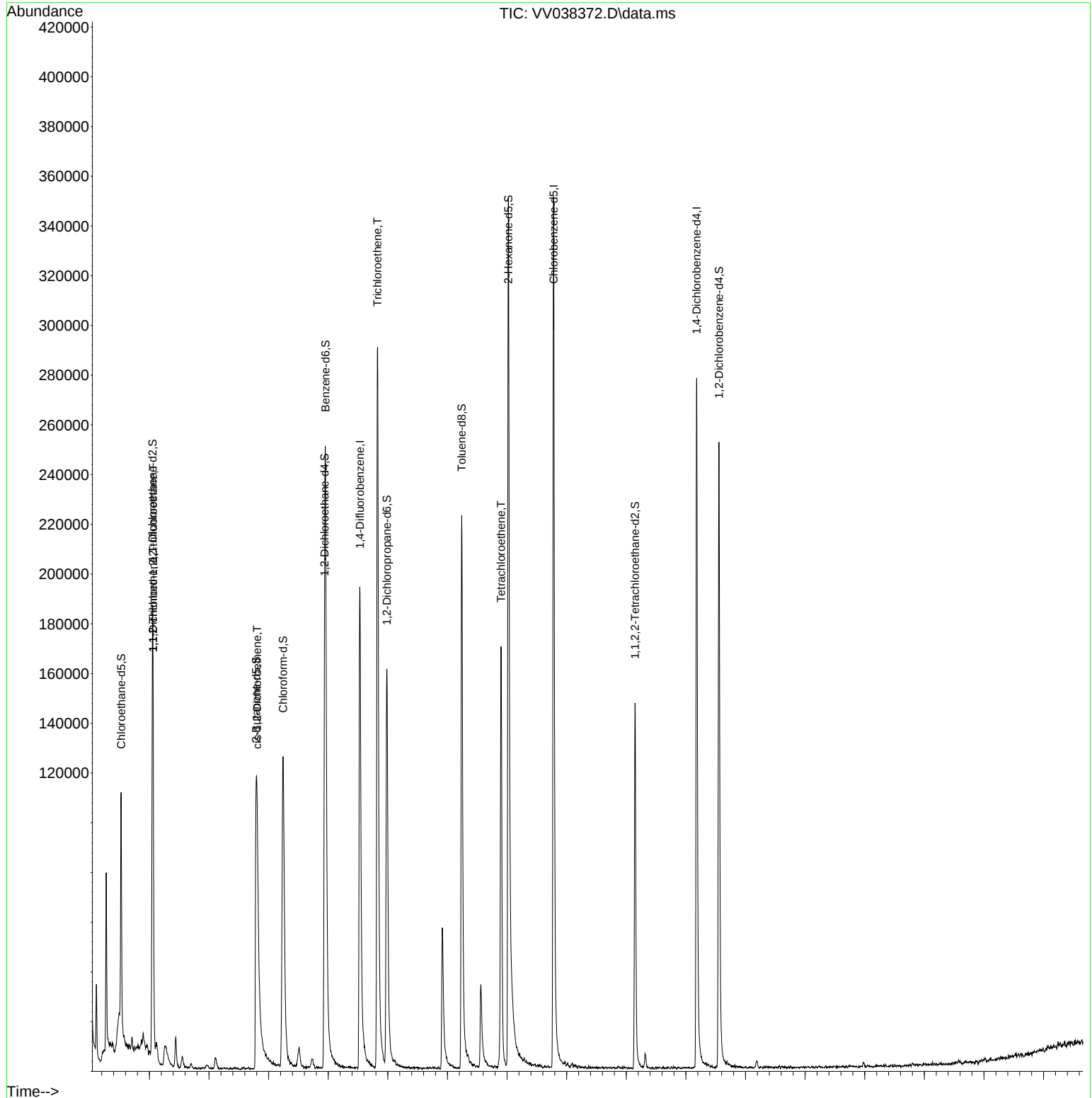
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	185592	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	209326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	80400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	46317	3.256	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.526	69	58499	5.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.053	65	24090	3.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.789	46	179751	63.165	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.340%
24) Chloroform-d	4.243	84	141933	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.937	65	70721	5.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.200%
32) Benzene-d6	4.953	84	228518	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.982	67	82929	4.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.239	98	165182	3.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.558	79	23371	3.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.021	63	124625	51.799	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.600%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	75578	5.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	71784	5.240	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds	Qvalue					
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5133	0.369	ug/L	90
12) 1,1-Dichloroethene	2.063	96	19097	1.441	ug/L #	54
16) Methylene chloride	2.442	84	5182	0.343	ug/L	99
19) 1,1-Dichloroethane	3.108	63	5346	0.211	ug/L	93
22) cis-1,2-Dichloroethene	3.805	96	20351	1.409	ug/L	97
25) Chloroform	4.275	83	11439	0.422	ug/L	95
29) 1,1,1-Trichloroethane	4.506	97	6843	0.273	ug/L	98
31) Carbon tetrachloride	4.738	117	2678	0.121	ug/L	90
34) Trichloroethene	5.825	95	109811	6.851	ug/L	99
47) Tetrachloroethene	7.898	164	38384	2.980	ug/L	96

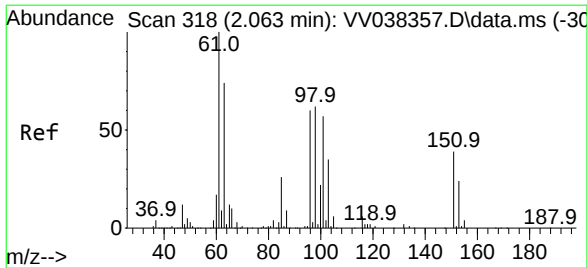
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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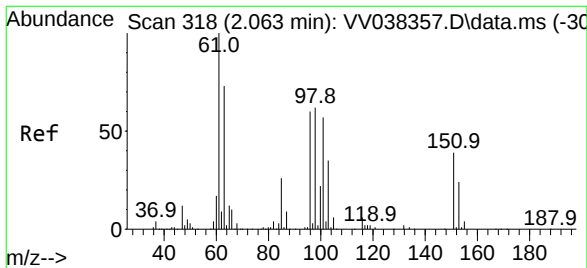
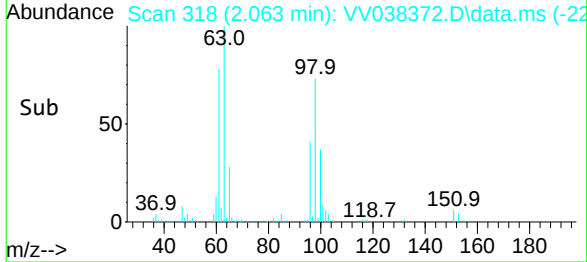
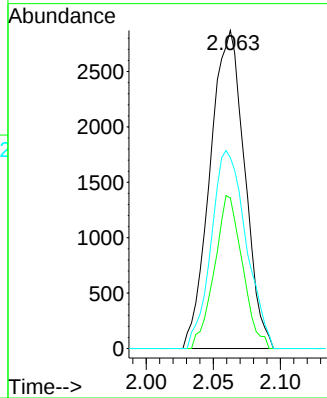
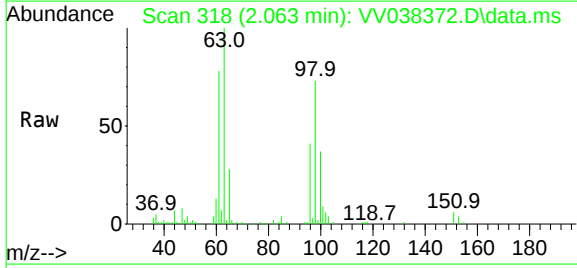




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.369 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038372.D
Acq: 26 Nov 2024 18:18

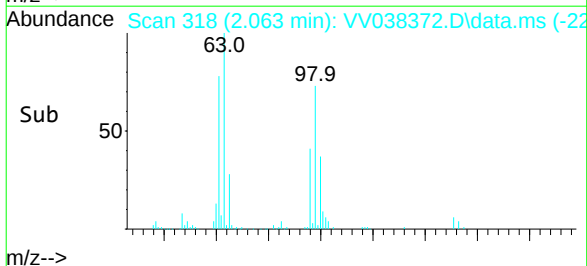
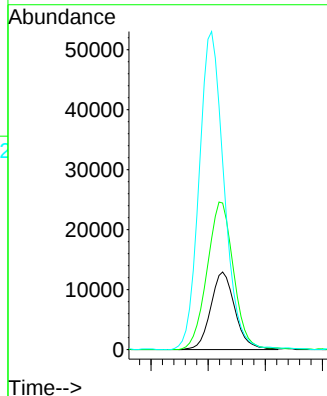
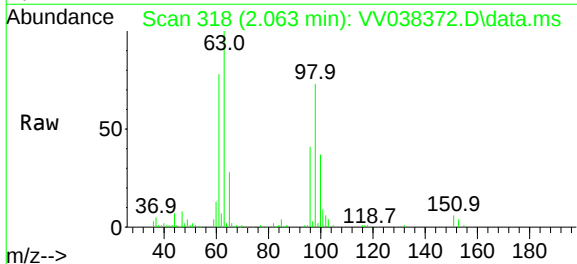
Instrument :
MSVOA_V
ClientSampleId :
BG439DL

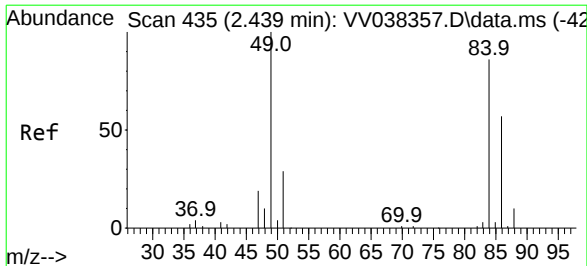
Tgt Ion:	101	Resp:	5133
Ion	Ratio	Lower	Upper
101	100		
85	39.1	33.4	50.0
151	62.9	58.8	88.2



#12
1,1-Dichloroethene
Concen: 1.441 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038372.D
Acq: 26 Nov 2024 18:18

Tgt Ion:	96	Resp:	19097
Ion	Ratio	Lower	Upper
96	100		
61	188.9	115.7	214.9
63	241.9	101.1	187.7





#16

Methylene chloride

Concen: 0.343 ug/L

RT: 2.442 min Scan# 43

Delta R.T. 0.003 min

Lab File: VV038372.D

Acq: 26 Nov 2024 18:18

Instrument :

MSVOA_V

ClientSampleId :

BG439DL

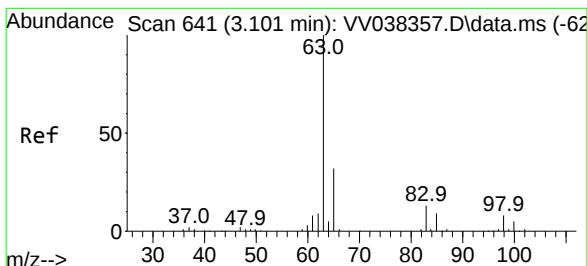
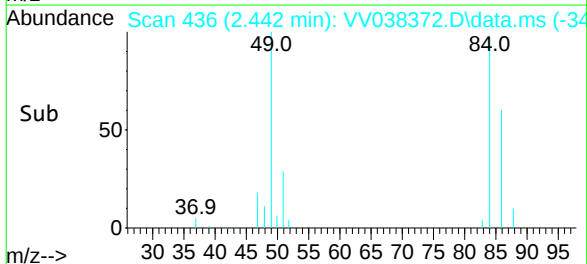
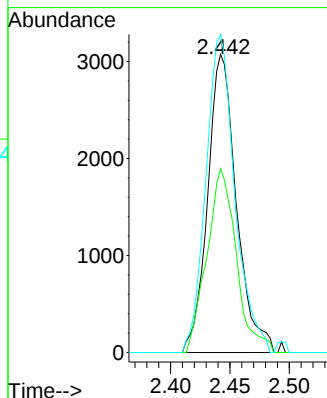
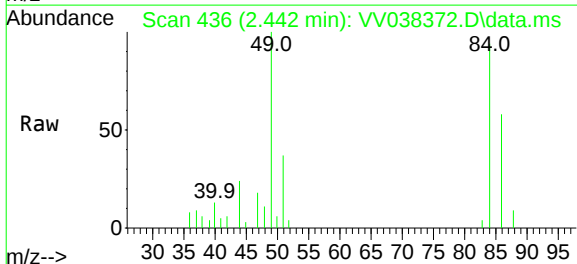
Tgt Ion: 84 Resp: 5182

Ion Ratio Lower Upper

84 100

86 61.6 44.2 82.2

49 106.7 74.9 139.1



#19

1,1-Dichloroethane

Concen: 0.211 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.006 min

Lab File: VV038372.D

Acq: 26 Nov 2024 18:18

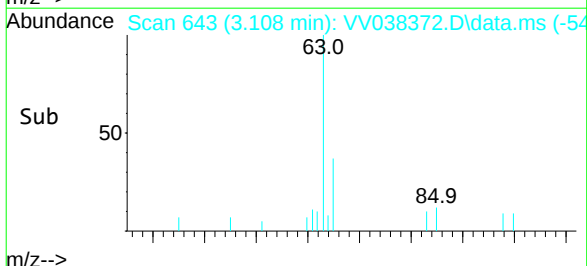
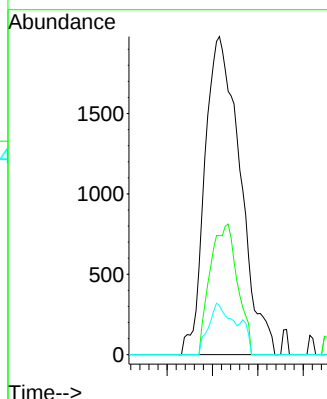
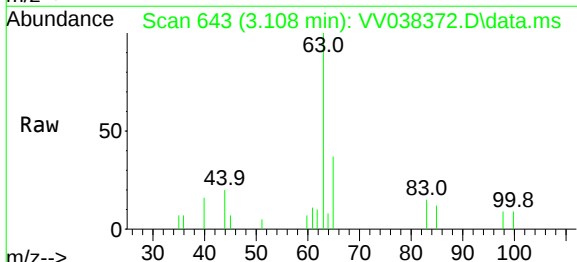
Tgt Ion: 63 Resp: 5346

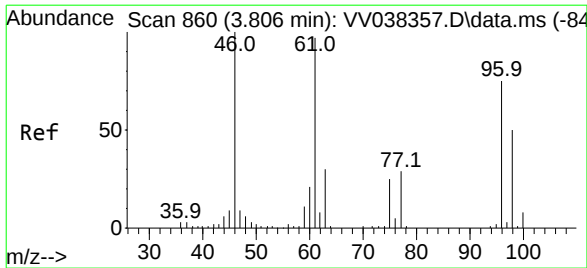
Ion Ratio Lower Upper

63 100

65 37.4 22.5 41.7

83 15.5 10.1 18.9

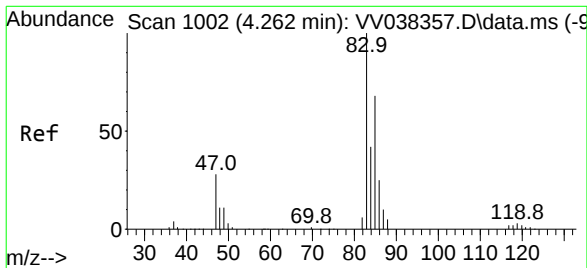
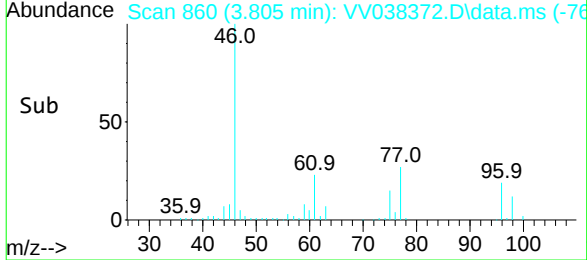
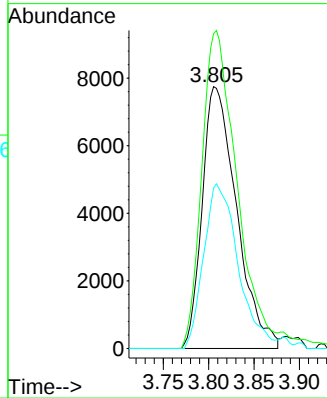
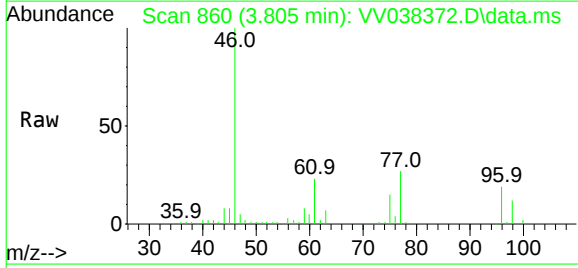




#22
 cis-1,2-Dichloroethene
 Concen: 1.409 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. -0.000 min
 Lab File: VV038372.D
 Acq: 26 Nov 2024 18:18

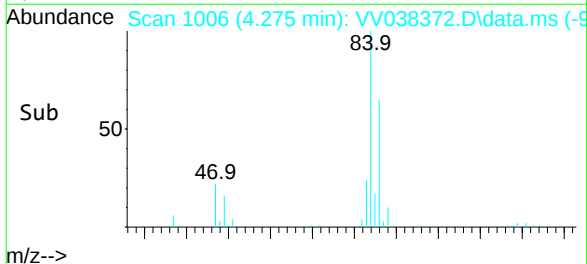
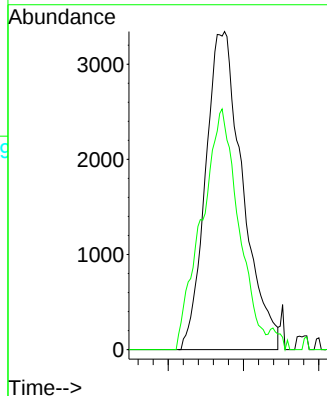
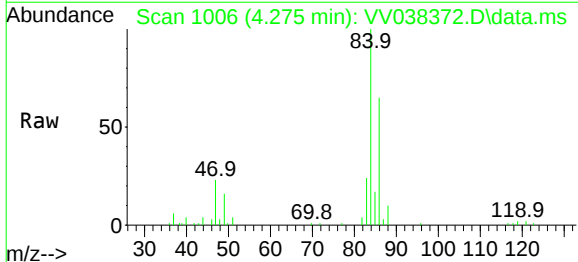
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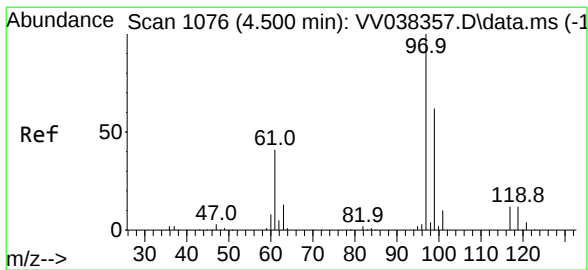
Tgt Ion:	96	Resp:	20351
Ion	Ratio	Lower	Upper
96	100		
61	120.2	82.7	153.5
98	61.3	46.3	85.9



#25
 Chloroform
 Concen: 0.422 ug/L
 RT: 4.275 min Scan# 1006
 Delta R.T. 0.013 min
 Lab File: VV038372.D
 Acq: 26 Nov 2024 18:18

Tgt Ion:	83	Resp:	11439
Ion	Ratio	Lower	Upper
83	100		
85	70.6	46.5	86.3

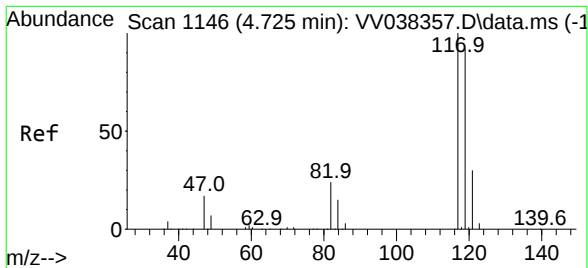
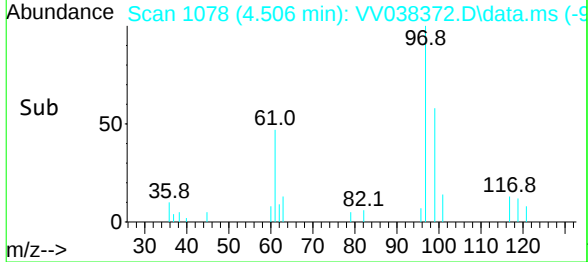
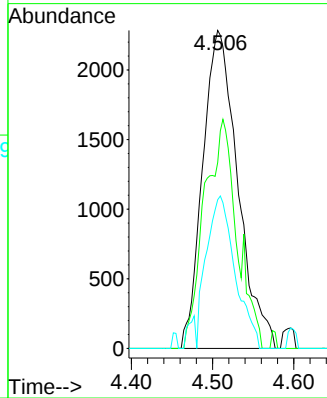
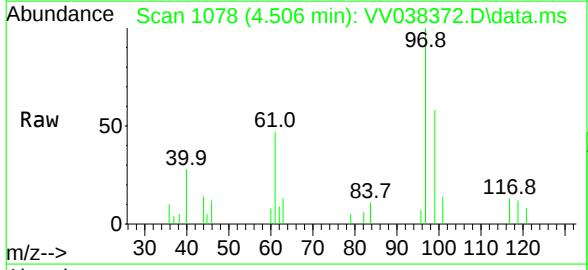




#29
1,1,1-Trichloroethane
Concen: 0.273 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038372.D
Acq: 26 Nov 2024 18:18

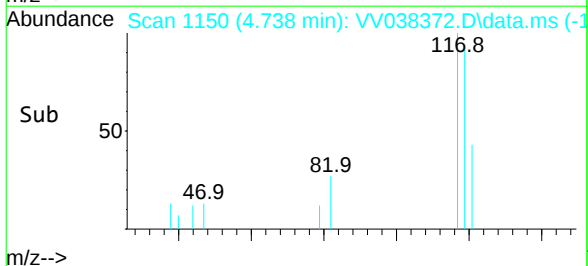
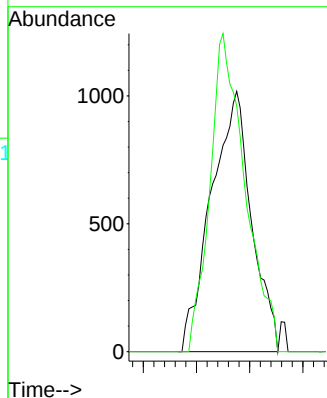
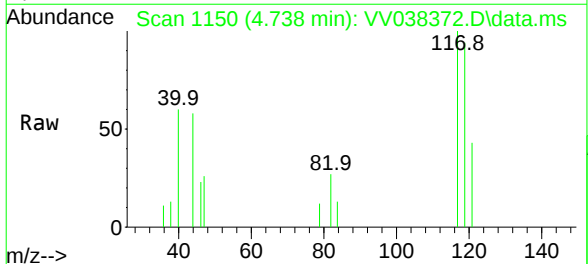
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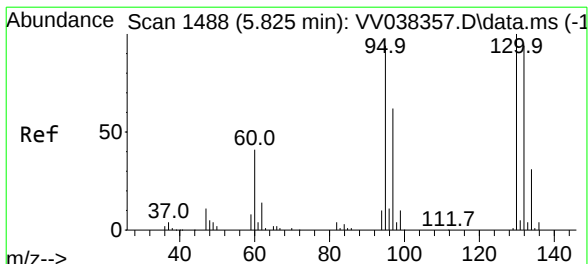
Tgt Ion:	97	Resp:	6843
Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.8	77.8
61	39.2	32.2	48.2



#31
Carbon tetrachloride
Concen: 0.121 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.013 min
Lab File: VV038372.D
Acq: 26 Nov 2024 18:18

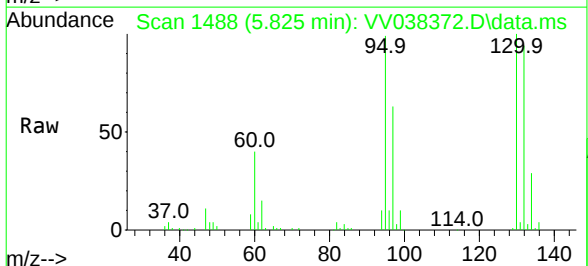
Tgt Ion:	117	Resp:	2678
Ion	Ratio	Lower	Upper
117	100		
119	106.5	77.4	116.2



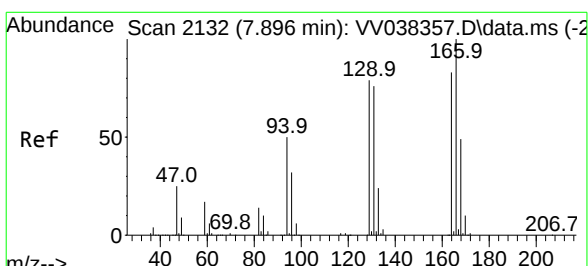
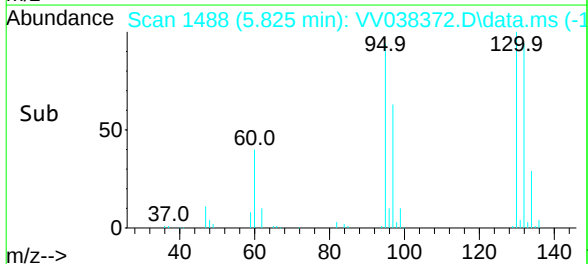
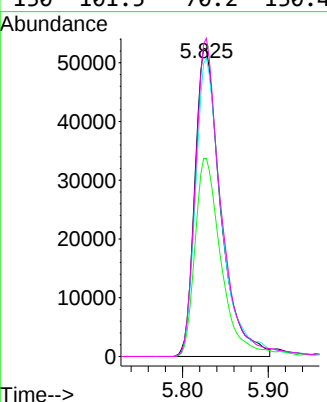


#34
 Trichloroethene
 Concen: 6.851 ug/L
 RT: 5.825 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VV038372.D
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Tgt Ion:	95	Resp:	109811
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.8	83.2
132	95.1	68.3	126.8
130	101.5	70.2	130.4



#47
 Tetrachloroethene
 Concen: 2.980 ug/L
 RT: 7.898 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV038372.D
 Acq: 26 Nov 2024 18:18

Tgt Ion:	164	Resp:	38384
Ion	Ratio	Lower	Upper
164	100		
129	101.2	68.5	127.1
131	96.1	64.8	120.4
166	121.2	88.3	163.9

