

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
 Data File : VV025149.D
 Acq On : 24 Mar 2022 13:42
 Operator : SY/MD
 Sample : VV0324WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK323

Quant Time: Mar 25 03:09:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

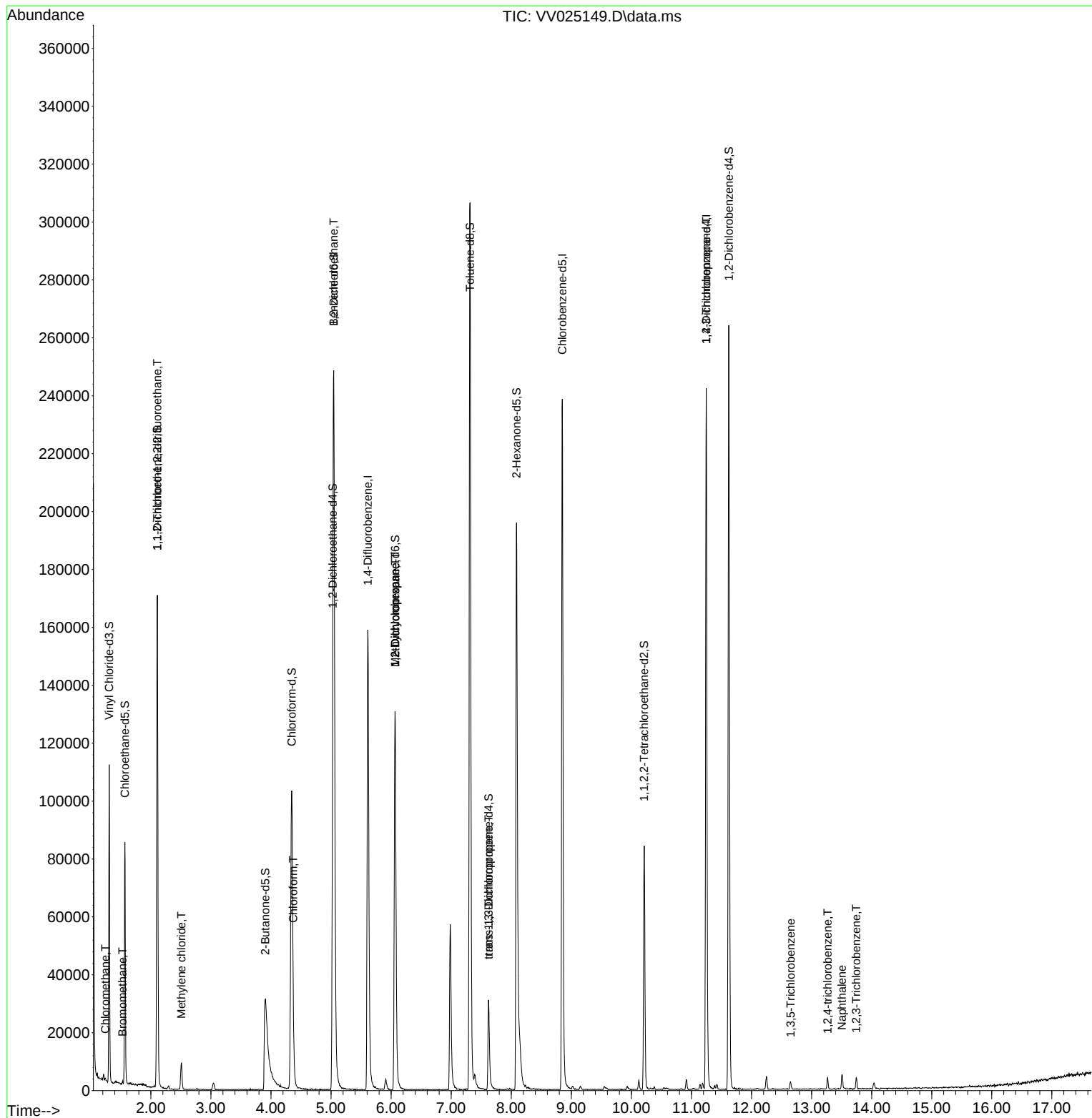
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	150678	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	141919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	65410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67514	5.675	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	113.600%	
7) Chloroethane-d5	1.568	69	54161	6.218	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	124.400%	
11) 1,1-Dichloroethene-d2	2.108	63	88303	4.593	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.800%	
20) 2-Butanone-d5	3.905	46	90453	62.917	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.840%	
24) Chloroform-d	4.346	84	114838	5.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	116.400%	
26) 1,2-Dichloroethane-d4	5.027	65	49198	5.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.200%	
32) Benzene-d6	5.043	84	246436	5.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	119.800%	
36) 1,2-Dichloropropane-d6	6.066	67	70208	5.930	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	118.600%	
41) Toluene-d8	7.313	98	217983	5.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.200%	
43) trans-1,3-Dichloroprop...	7.622	79	21314	5.165	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.200%	
46) 2-Hexanone-d5	8.088	63	79324	56.350	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.700%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42252	6.067	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	121.400%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	69634	6.289	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	125.800%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	501	0.040	ug/L	99
6) Bromomethane	1.529	94	424	0.050	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1062	0.109	ug/L #	22
16) Methylene chloride	2.510	84	4271	0.367	ug/L	95
25) Chloroform	4.368	83	2263	0.111	ug/L	76
27) 1,2-Dichloroethane	5.043	62	1021	0.100	ug/L #	71
35) Methylcyclohexane	6.066	83	17712	0.910	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	7217	0.680	ug/L #	86
44) trans-1,3-Dichloropropene	7.625	75	836	0.072	ug/L	84
61) 1,2,3-Trichloropropane	11.246	75	8044	1.462	ug/L #	66
69) 1,3,5-Trichlorobenzene	12.651	180	1291	0.085	ug/L #	88
70) 1,2,4-trichlorobenzene	13.268	180	1411	0.120	ug/L	91
71) Naphthalene	13.506	128	5277	0.270	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	1338	0.134	ug/L #	87

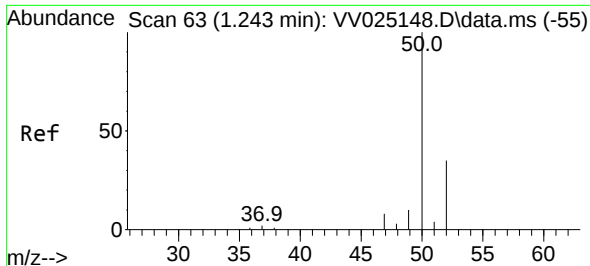
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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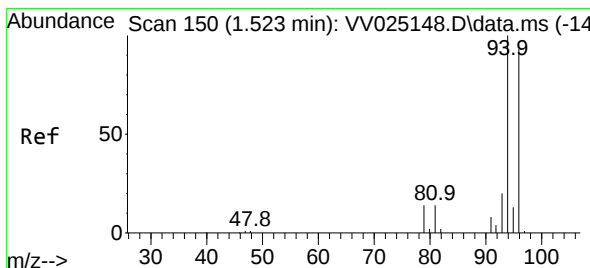
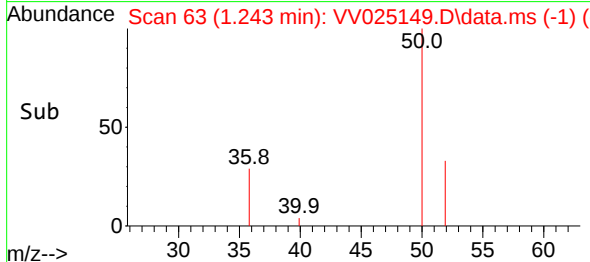
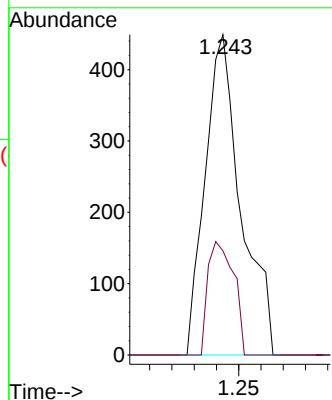
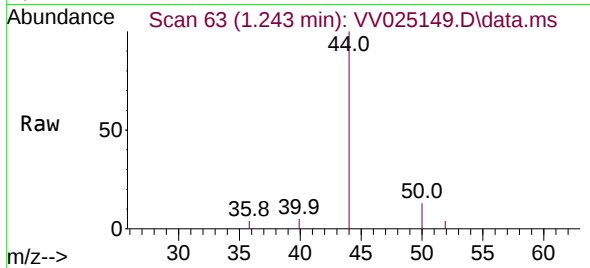




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

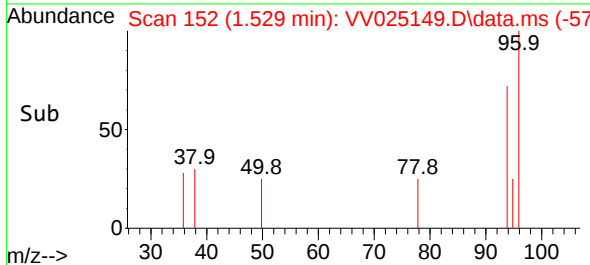
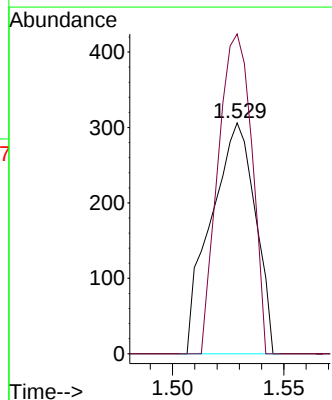
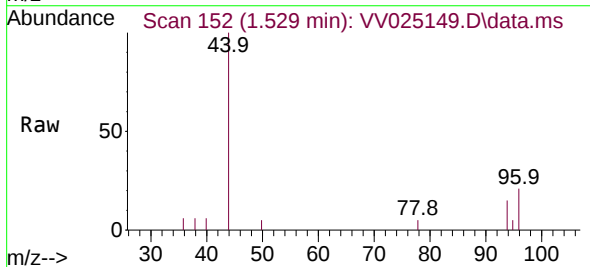
Instrument :
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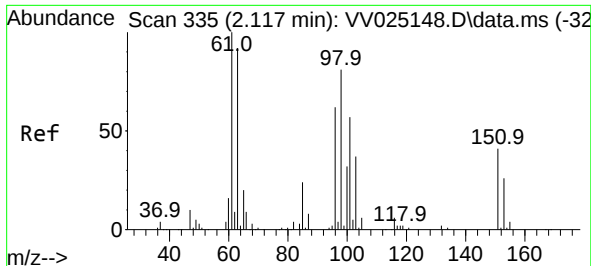
Tgt Ion: 50 Resp: 501
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.2



#6
Bromomethane
Concen: 0.050 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.006 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

Tgt Ion: 94 Resp: 424
Ion Ratio Lower Upper
94 100
96 138.6 64.9 120.5#

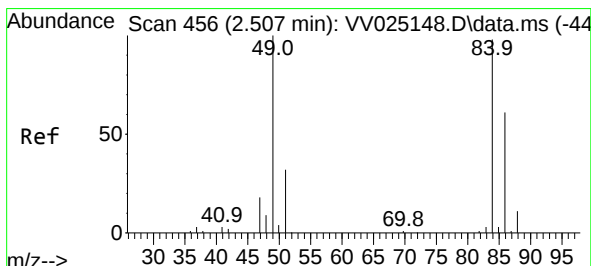
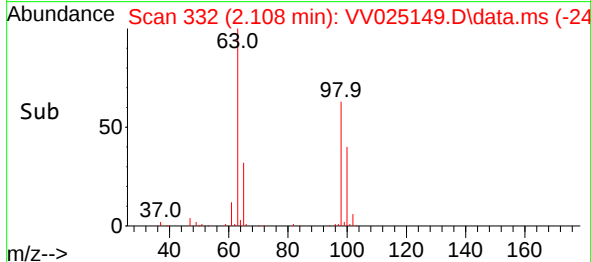
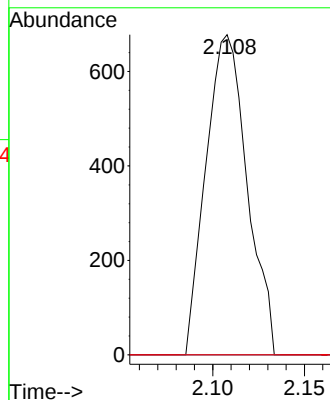
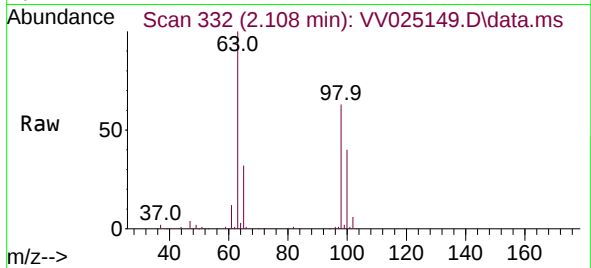




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.109 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

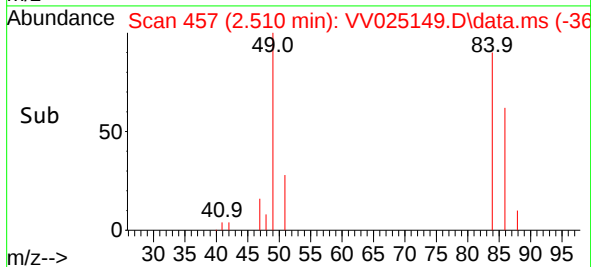
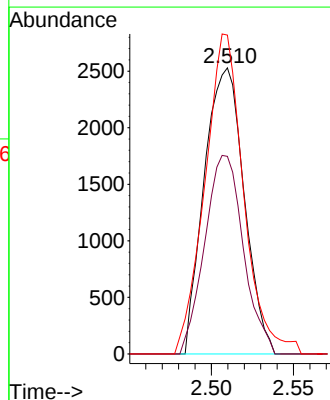
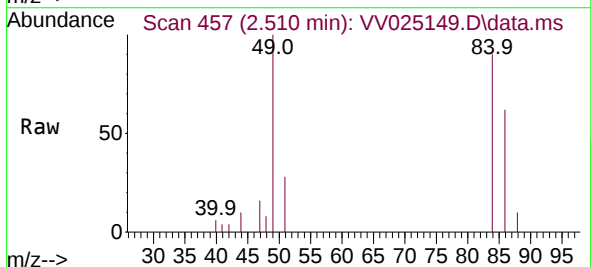
Instrument :
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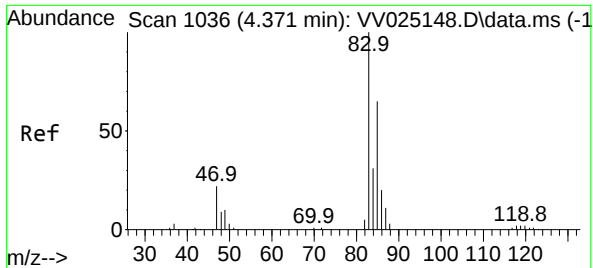
Tgt Ion:101 Resp: 1062
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 55.6 83.4#



#16
Methylene chloride
Concen: 0.367 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

Tgt Ion: 84 Resp: 4271
Ion Ratio Lower Upper
84 100
86 69.1 45.5 84.5
49 111.5 75.0 139.2

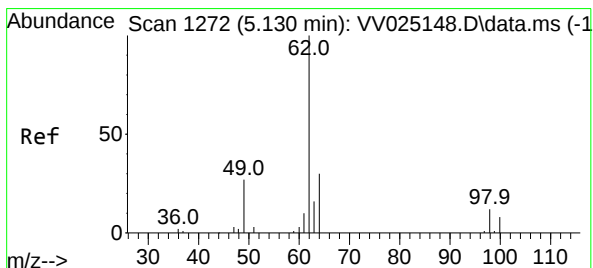
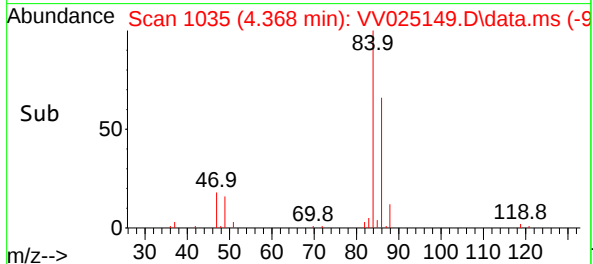
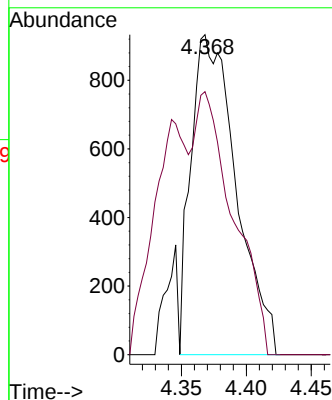
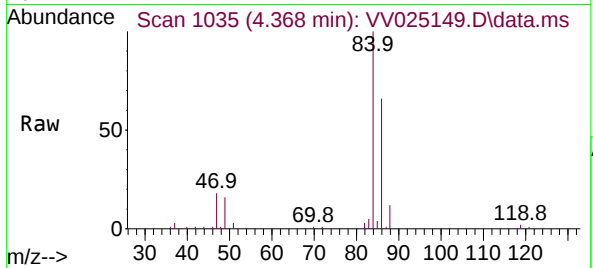




#25
Chloroform
Concen: 0.111 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

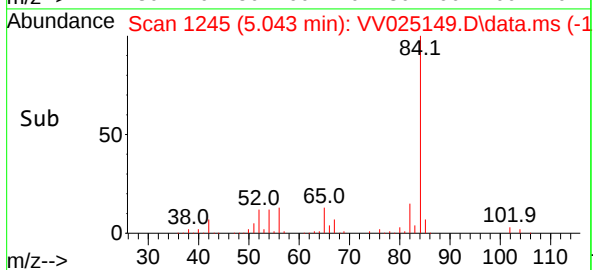
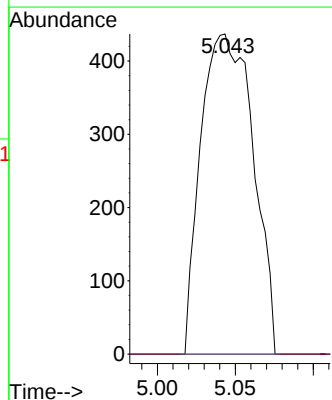
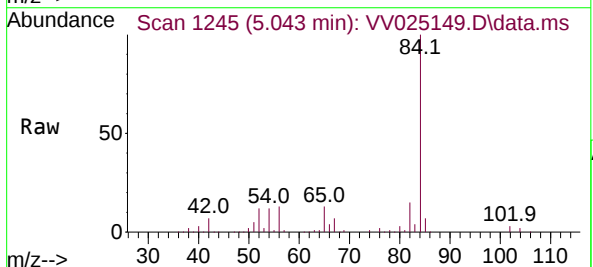
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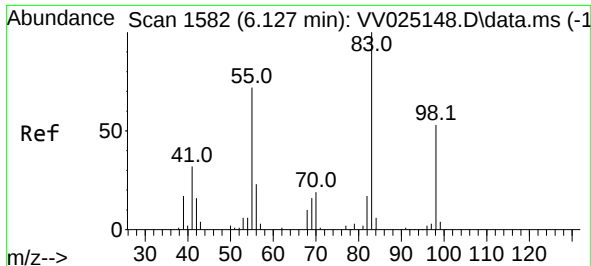
Tgt Ion: 83 Resp: 2263
Ion Ratio Lower Upper
83 100
85 82.2 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.100 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.087 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

Tgt Ion: 62 Resp: 1021
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

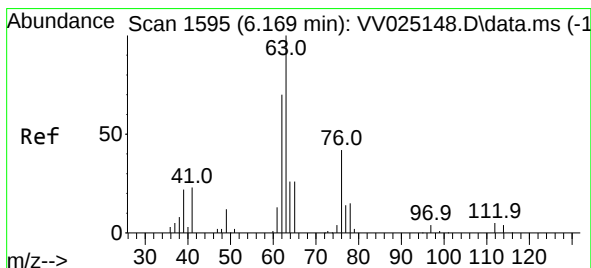
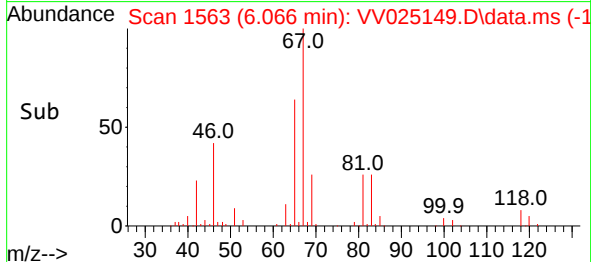
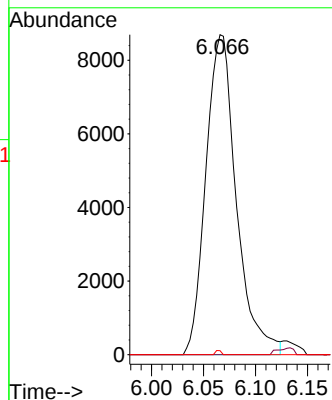
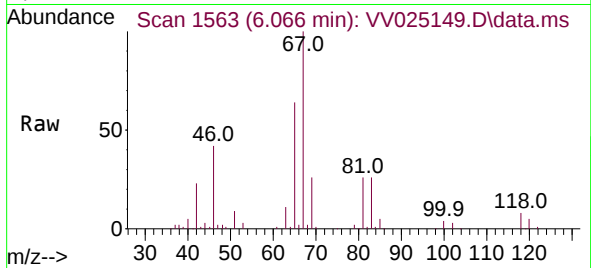




#35
Methylcyclohexane
Concen: 0.910 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

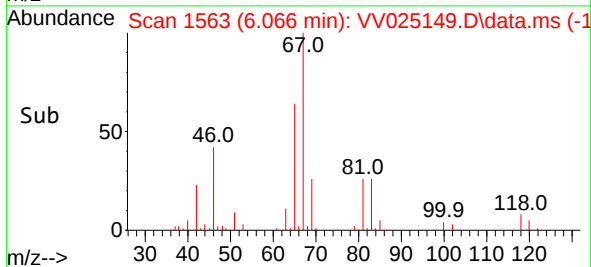
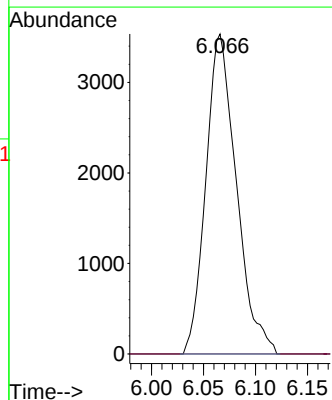
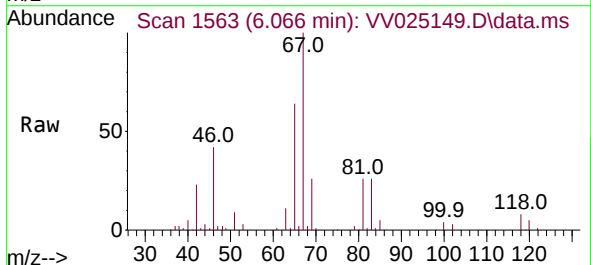
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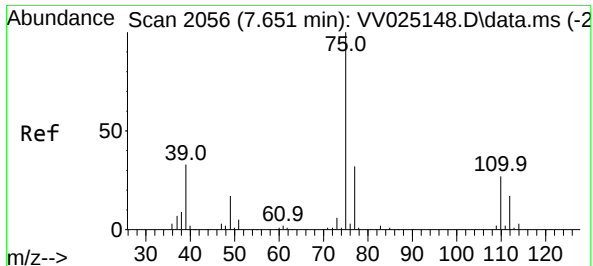
Tgt Ion: 83 Resp: 17712
Ion Ratio Lower Upper
83 100
55 1.1 55.4 83.0#
98 0.2 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.680 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

Tgt Ion: 63 Resp: 7217
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

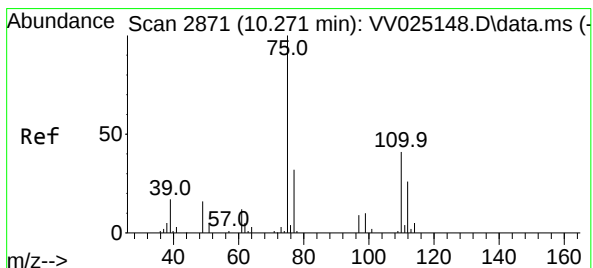
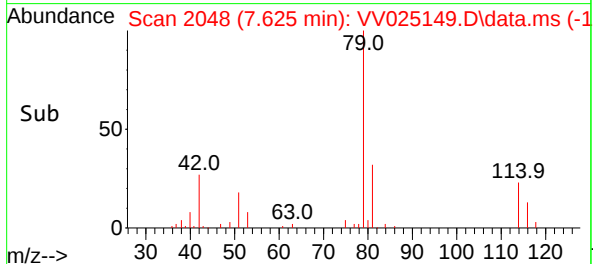
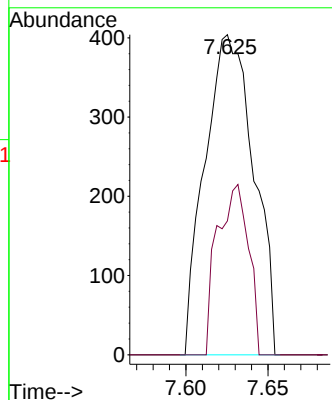
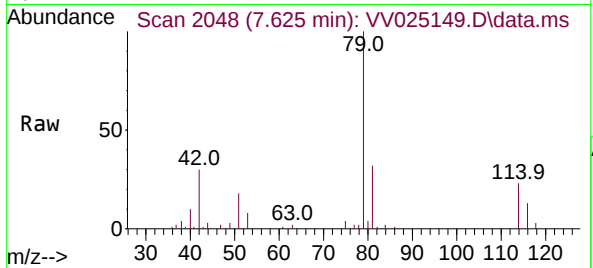




#44
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.625 min Scan# 2056
Delta R.T. -0.026 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

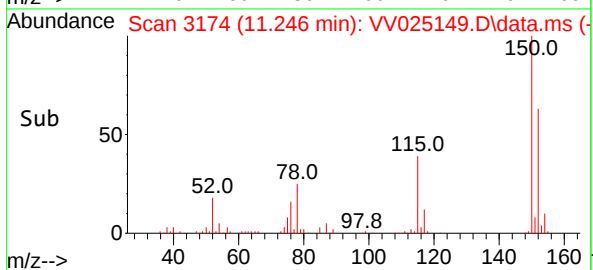
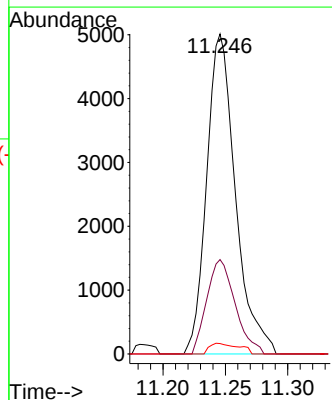
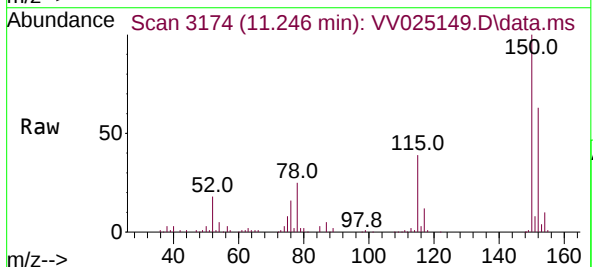
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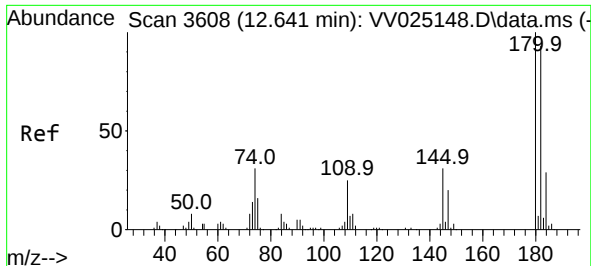
Tgt Ion: 75 Resp: 836
Ion Ratio Lower Upper
75 100
77 41.8 23.0 42.6



#61
1,2,3-Trichloropropane
Concen: 1.462 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

Tgt Ion: 75 Resp: 8044
Ion Ratio Lower Upper
75 100
77 29.2 25.7 38.5
110 3.4 31.2 46.8#

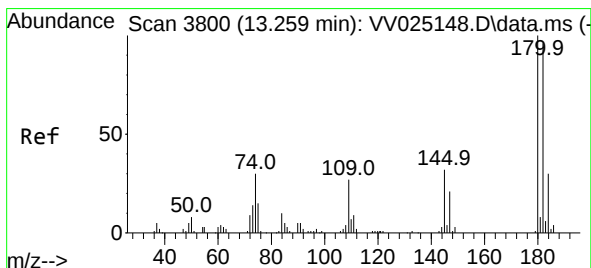
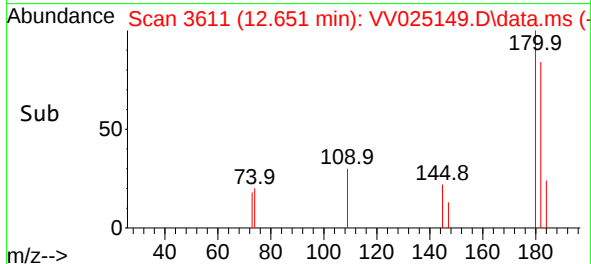
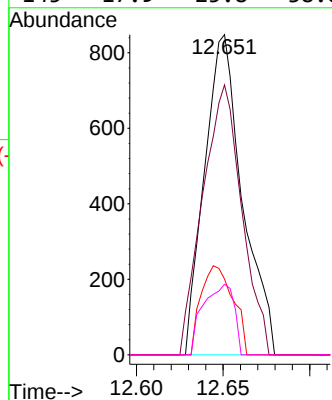
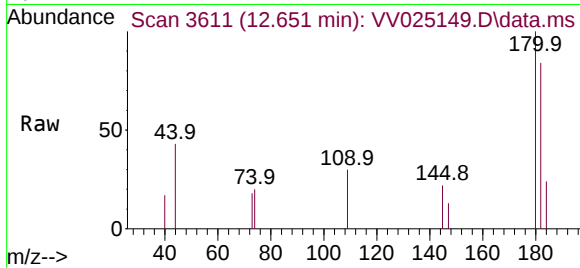




#69
 1,3,5-Trichlorobenzene
 Concen: 0.085 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.010 min
 Lab File: VV025149.D
 Acq: 24 Mar 2022 13:42

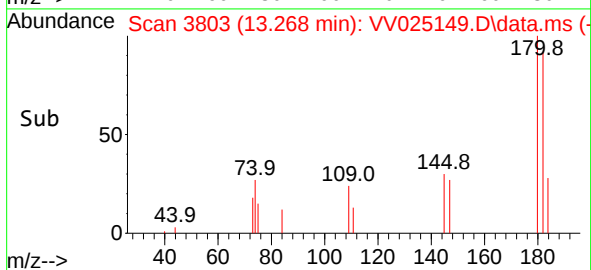
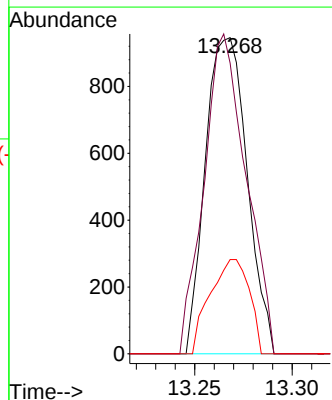
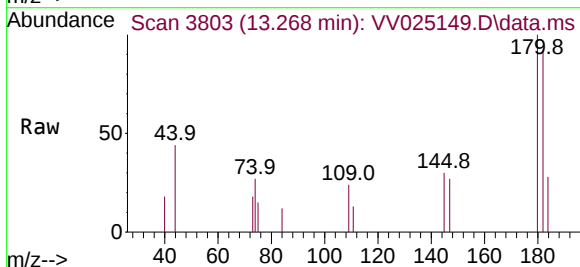
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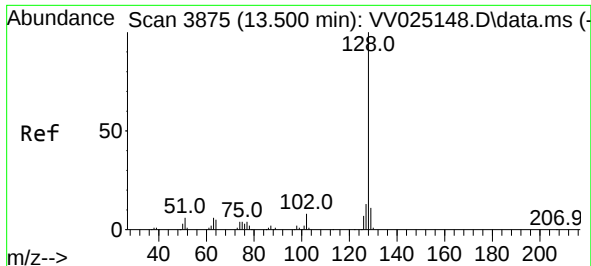
Tgt Ion:180 Resp: 1291
 Ion Ratio Lower Upper
 180 100
 182 86.8 75.4 113.0
 184 23.5 24.2 36.4#
 145 17.9 25.8 38.8#



#70
 1,2,4-trichlorobenzene
 Concen: 0.120 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.010 min
 Lab File: VV025149.D
 Acq: 24 Mar 2022 13:42

Tgt Ion:180 Resp: 1411
 Ion Ratio Lower Upper
 180 100
 182 101.9 74.6 112.0
 145 28.0 26.1 39.1

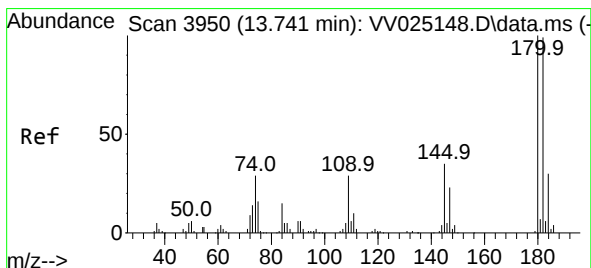
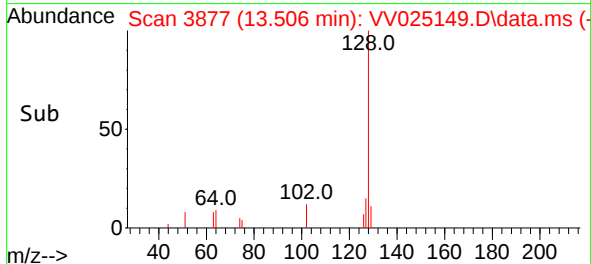
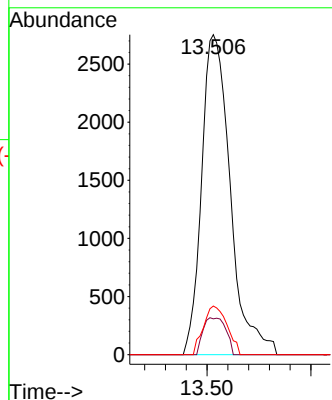
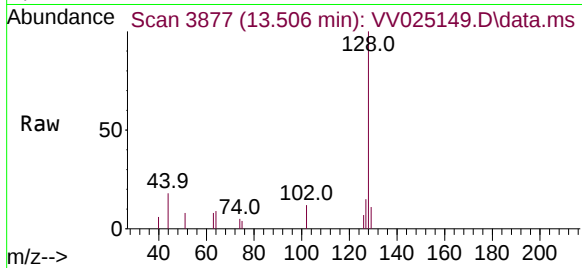




#71
Naphthalene
Concen: 0.270 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

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Tgt Ion:	128	Resp:	5277
Ion	Ratio	Lower	Upper
128	100		
129	9.1	8.5	12.7
127	12.5	9.8	14.8



#72
1,2,3-Trichlorobenzene
Concen: 0.134 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV025149.D
Acq: 24 Mar 2022 13:42

Tgt Ion:	180	Resp:	1338
Ion	Ratio	Lower	Upper
180	100		
182	101.3	74.8	112.2
145	18.9	27.6	41.4#

