

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025544.D
 Acq On : 14 Apr 2022 14:30
 Operator : SY/MD
 Sample : N2356-14DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT2DL

Quant Time: Apr 15 07:23:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

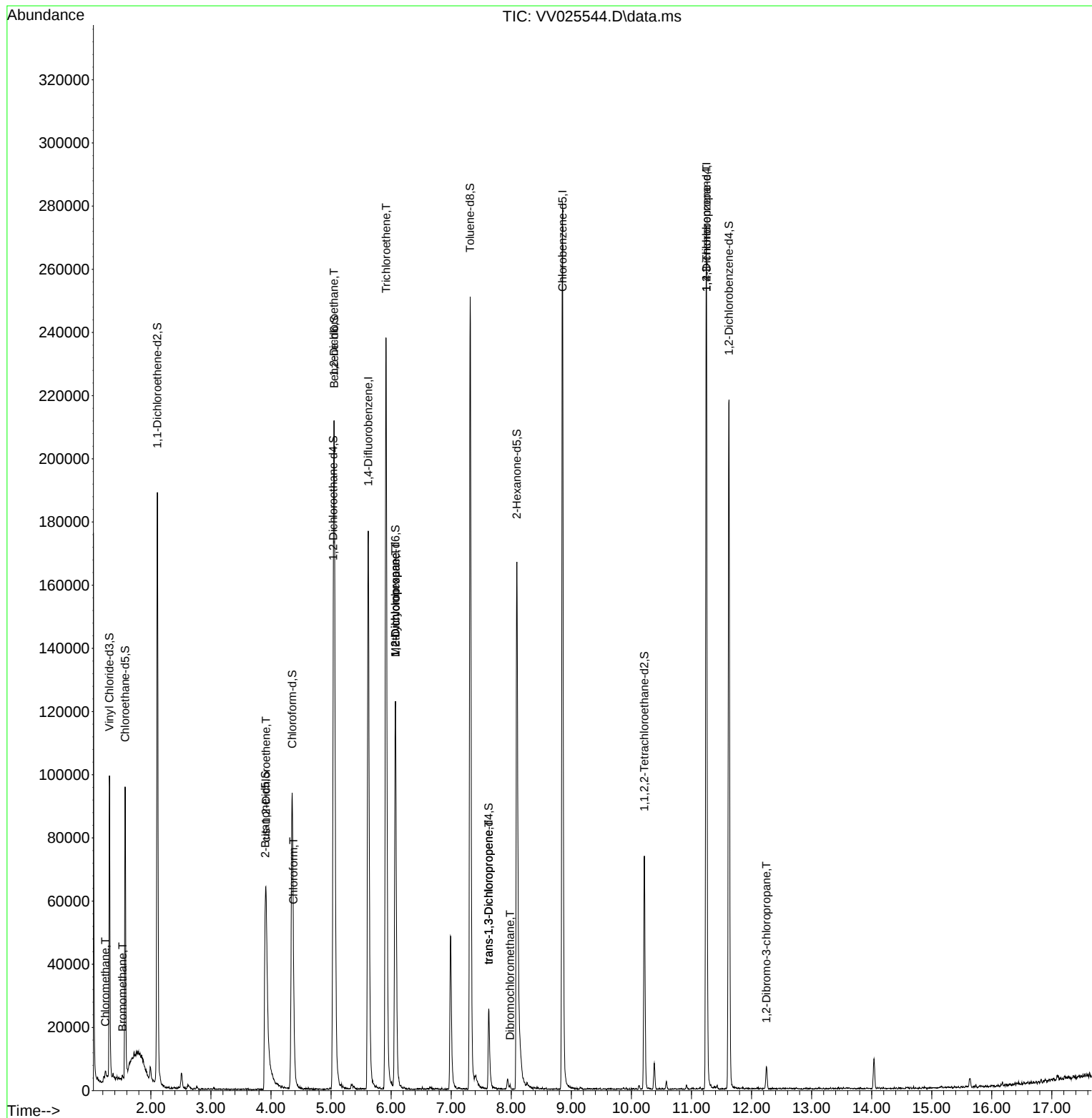
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154368	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	153061	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	63014	4.391	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.571	69	60697	3.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.108	63	100158	3.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.905	46	85257	48.837	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.680%
24) Chloroform-d	4.352	84	94382	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.037	65	46115	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.053	84	194080	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.072	67	58673	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	168330	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.625	79	15226	3.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.092	63	60774	41.712	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34018	4.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	54279	4.634	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1294	0.085	ug/L	95
6) Bromomethane	1.529	94	543	0.044	ug/L	86
22) cis-1,2-Dichloroethene	3.915	96	15709	1.330	ug/L	95
25) Chloroform	4.375	83	4549	0.227	ug/L	91
27) 1,2-Dichloroethane	5.050	62	1248	0.118	ug/L #	71
34) Trichloroethene	5.915	95	82549	6.876	ug/L	99
35) Methylcyclohexane	6.072	83	13896	0.725	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6504	0.622	ug/L #	85
44) trans-1,3-Dichloropropene	7.625	75	771	0.072	ug/L	90
49) Dibromochloromethane	7.982	129	323	0.042	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	8593	1.868	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.246	75	280	0.352	ug/L #	2

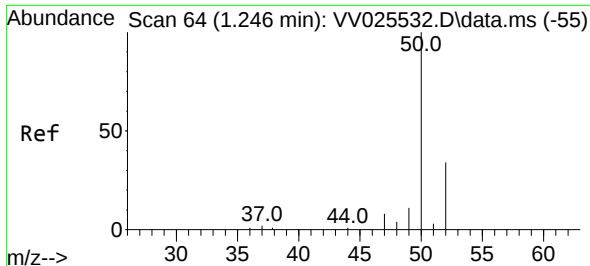
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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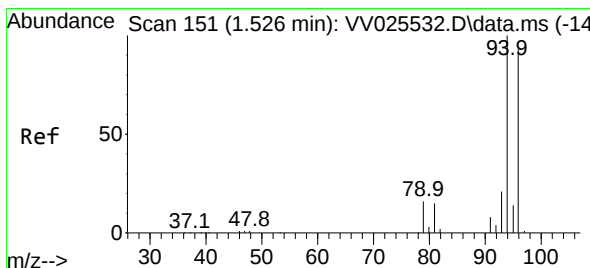
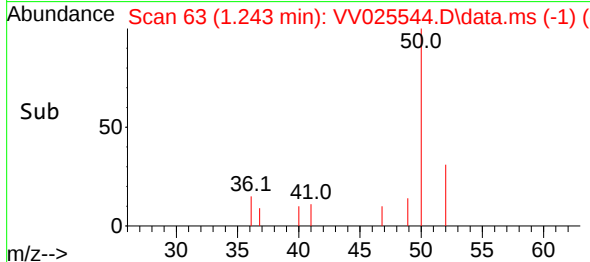
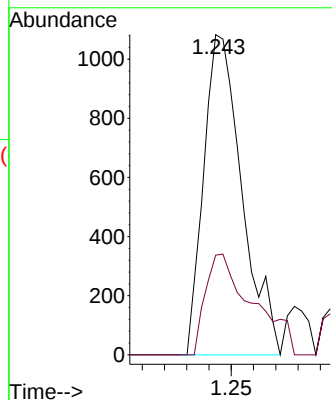
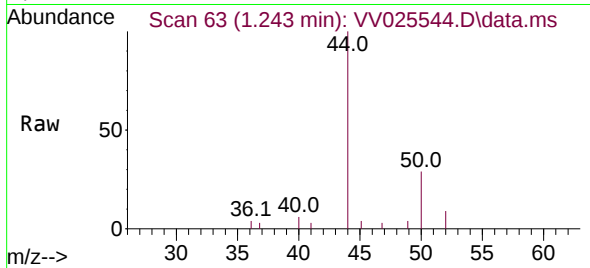




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025544.D
Acq: 14 Apr 2022 14:30

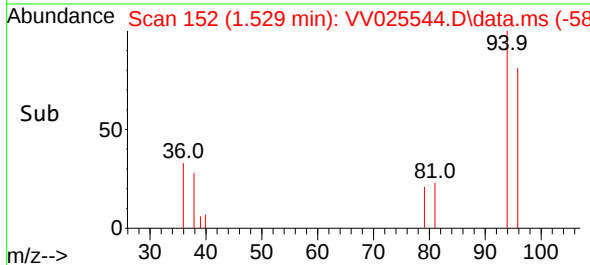
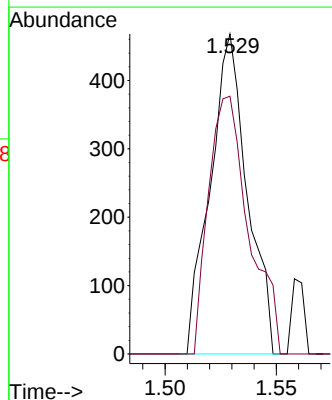
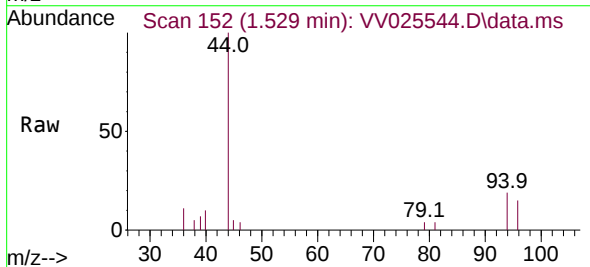
Instrument :
MSVOA_V
ClientSampleId :
GBDT2DL

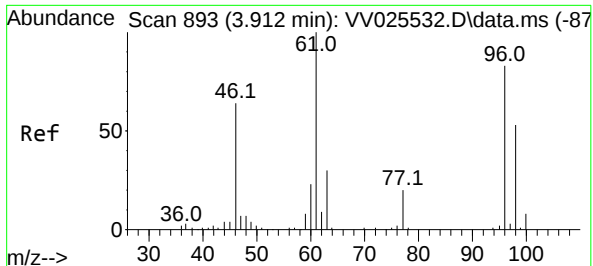
Tgt Ion: 50 Resp: 1294
Ion Ratio Lower Upper
50 100
52 31.1 23.7 43.9



#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.003 min
Lab File: VV025544.D
Acq: 14 Apr 2022 14:30

Tgt Ion: 94 Resp: 543
Ion Ratio Lower Upper
94 100
96 80.6 66.1 122.7





#22

cis-1,2-Dichloroethene

Concen: 1.330 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV025544.D

Acq: 14 Apr 2022 14:30

Instrument :

MSVOA_V

ClientSampleId :

GBDT2DL

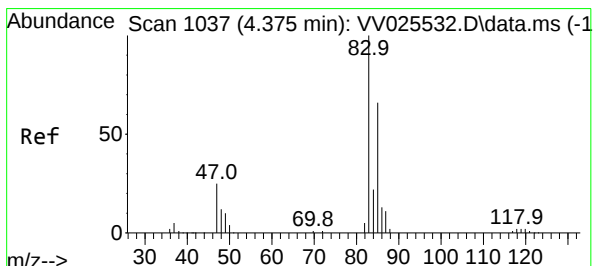
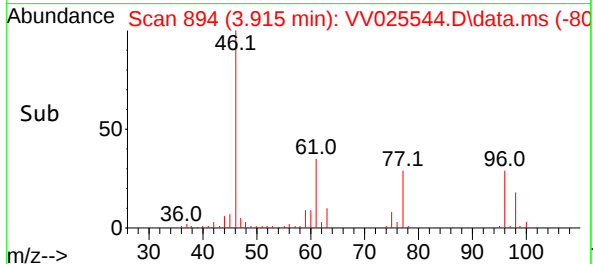
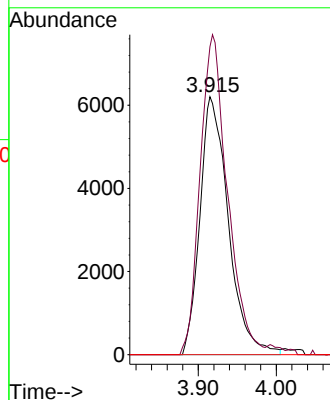
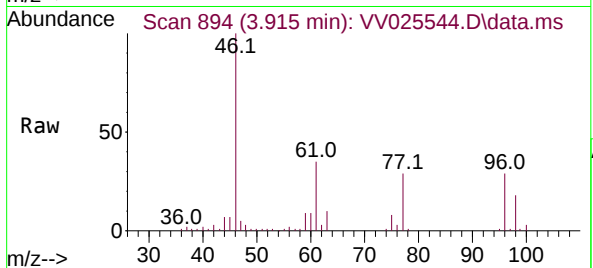
Tgt Ion: 96 Resp: 15709

Ion Ratio Lower Upper

96 100

61 119.4 80.0 148.6

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.227 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV025544.D

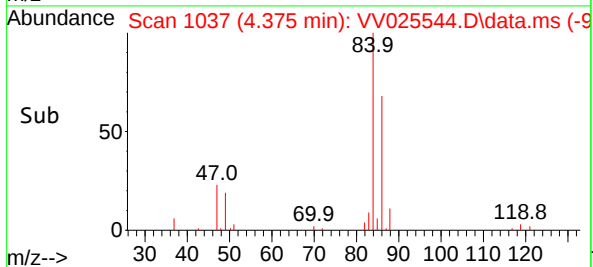
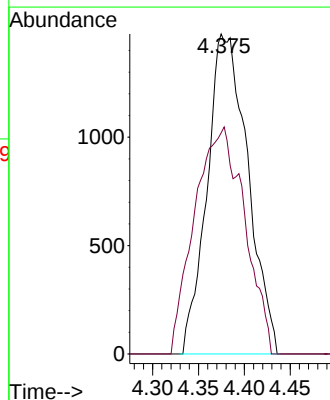
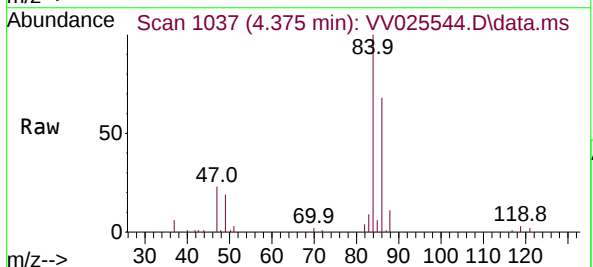
Acq: 14 Apr 2022 14:30

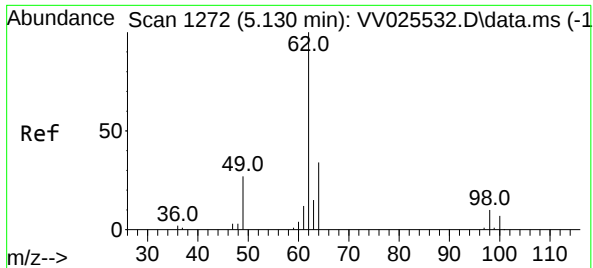
Tgt Ion: 83 Resp: 4549

Ion Ratio Lower Upper

83 100

85 69.1 43.5 80.7

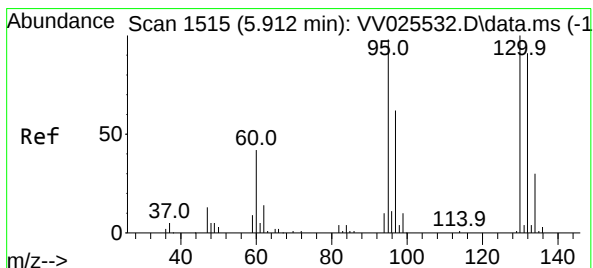
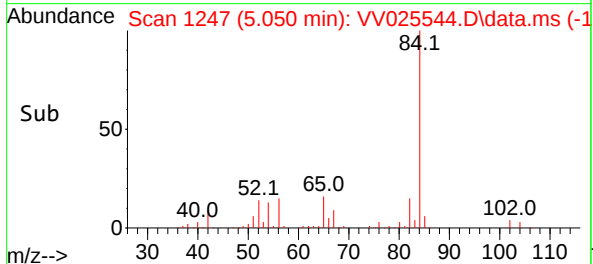
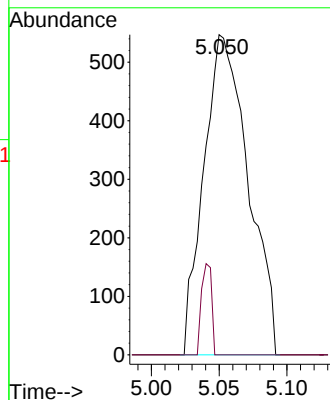
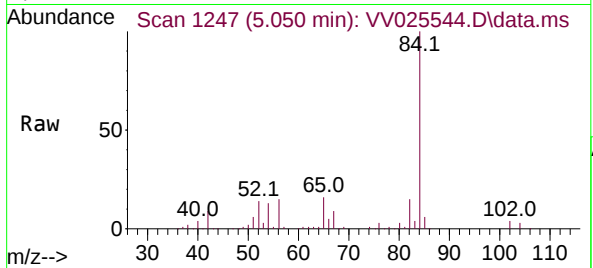




#27
1,2-Dichloroethane
Concen: 0.118 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.080 min
Lab File: VV025544.D
Acq: 14 Apr 2022 14:30

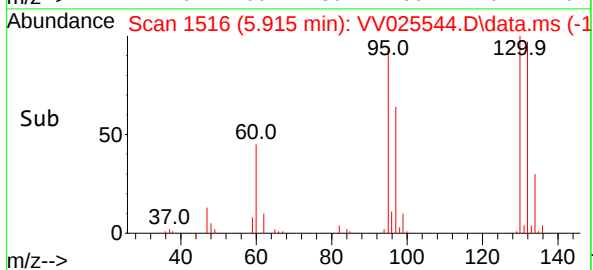
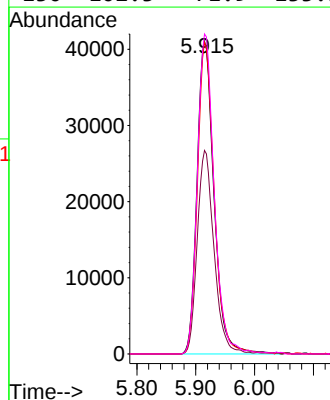
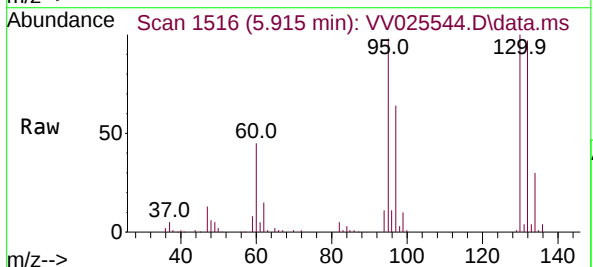
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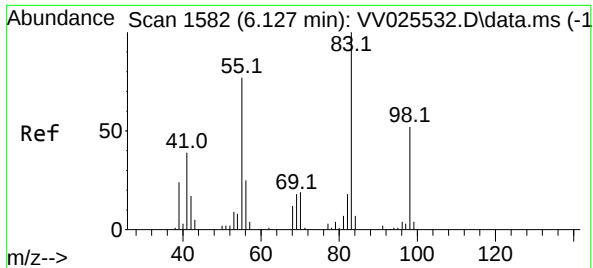
Tgt Ion: 62 Resp: 1248
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#



#34
Trichloroethene
Concen: 6.876 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025544.D
Acq: 14 Apr 2022 14:30

Tgt Ion: 95 Resp: 82549
Ion Ratio Lower Upper
95 100
97 65.1 45.8 85.2
132 99.7 68.0 126.4
130 102.3 71.9 133.5

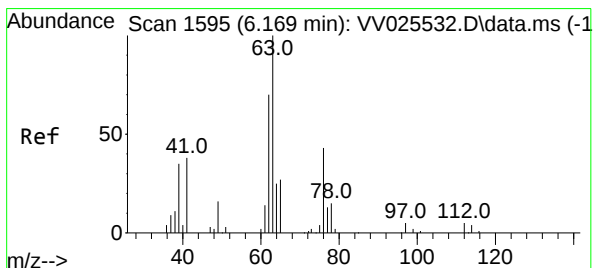
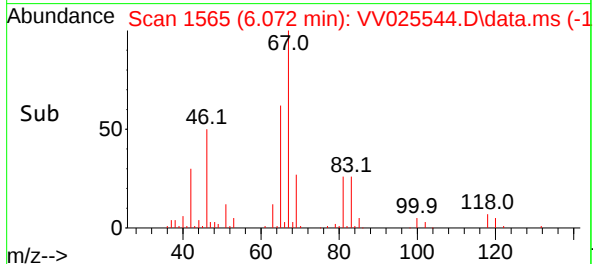
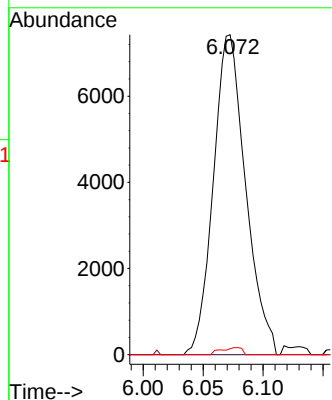
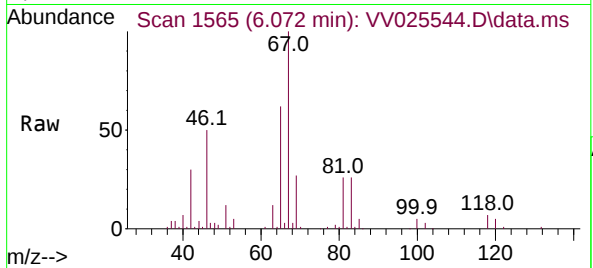




#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025544.D
Acq: 14 Apr 2022 14:30

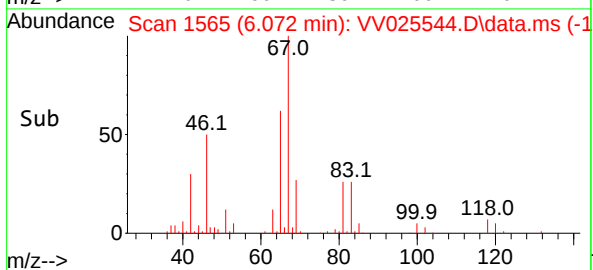
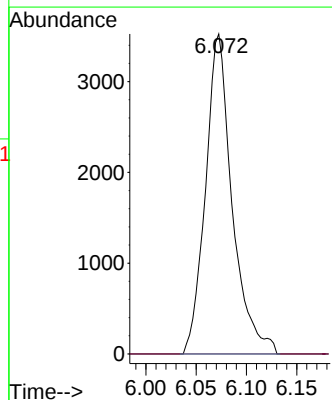
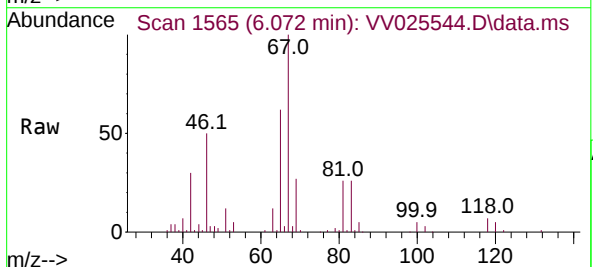
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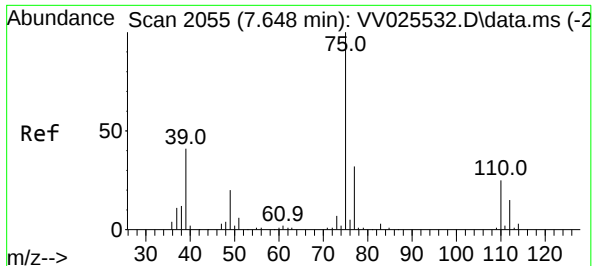
Tgt Ion: 83 Resp: 13896
Ion Ratio Lower Upper
83 100
55 0.2 53.7 80.5#
98 1.4 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.096 min
Lab File: VV025544.D
Acq: 14 Apr 2022 14:30

Tgt Ion: 63 Resp: 6504
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

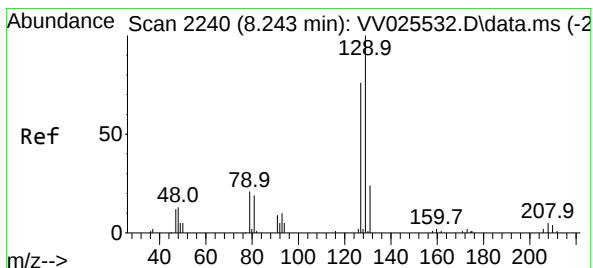
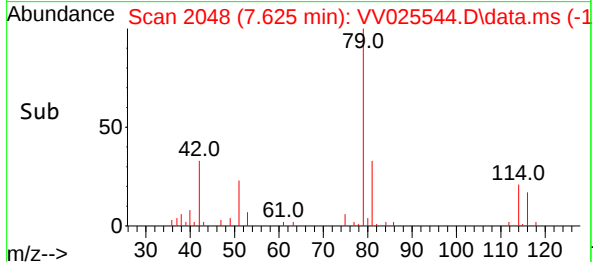
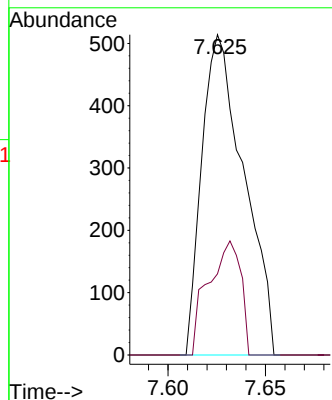
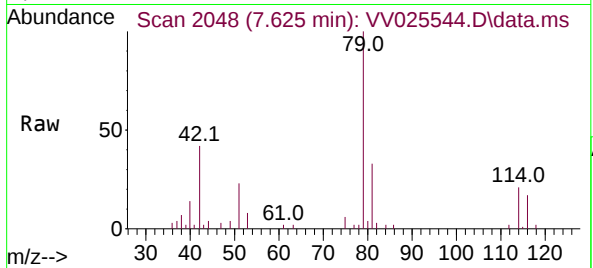




#44
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.023 min
Lab File: VV025544.D
Acq: 14 Apr 2022 14:30

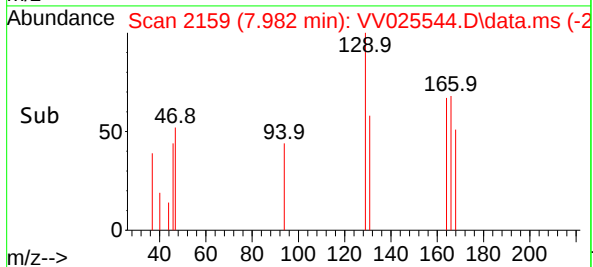
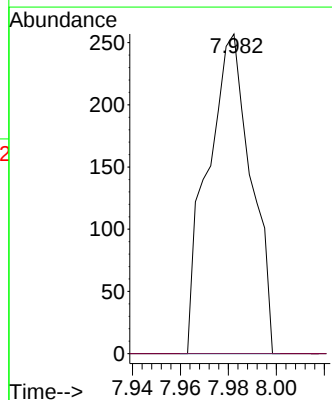
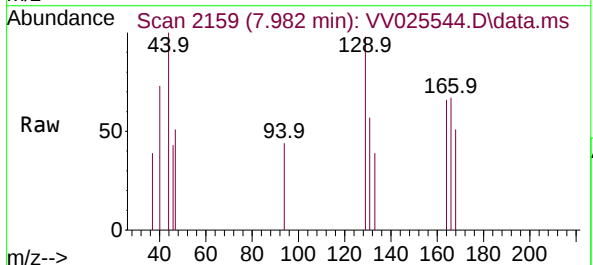
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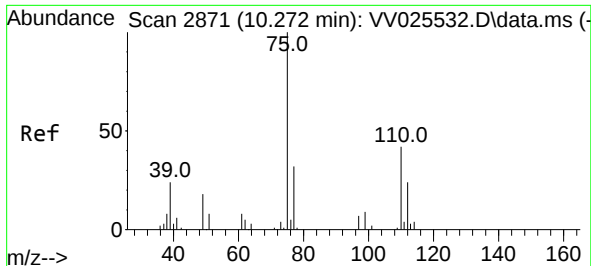
Tgt Ion: 75 Resp: 771
Ion Ratio Lower Upper
75 100
77 25.3 21.7 40.3



#49
Dibromochloromethane
Concen: 0.042 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.260 min
Lab File: VV025544.D
Acq: 14 Apr 2022 14:30

Tgt Ion: 129 Resp: 323
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#

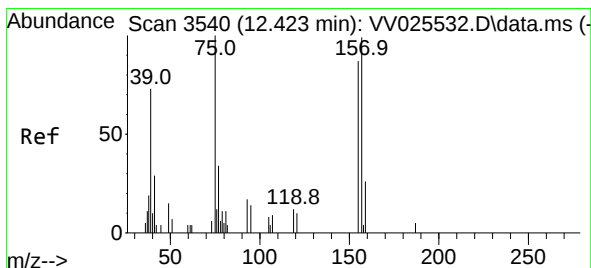
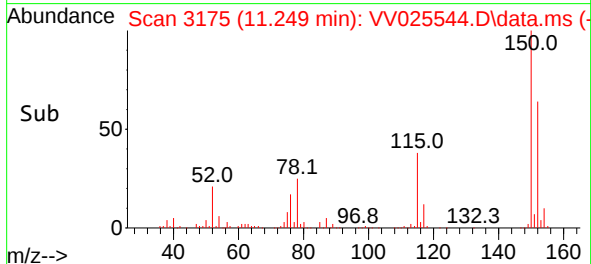
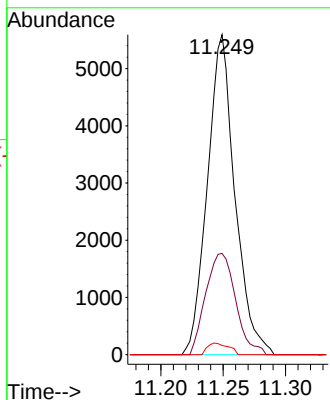
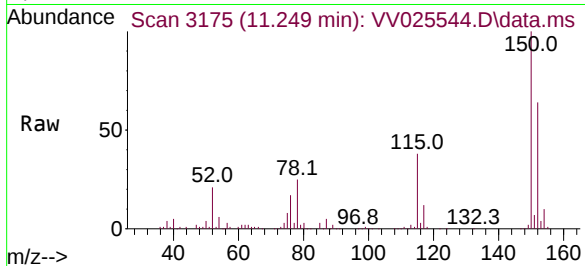




#61
 1,2,3-Trichloropropane
 Concen: 1.868 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV025544.D
 Acq: 14 Apr 2022 14:30

Instrument :
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 GBDT2DL

Tgt Ion: 75 Resp: 8593
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.6 38.4
 110 2.8 34.7 52.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.352 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.177 min
 Lab File: VV025544.D
 Acq: 14 Apr 2022 14:30

Tgt Ion: 75 Resp: 280
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

