

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025537.D
 Acq On : 14 Apr 2022 11:46
 Operator : SY/MD
 Sample : N2356-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT6

Quant Time: Apr 15 07:21:29 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)

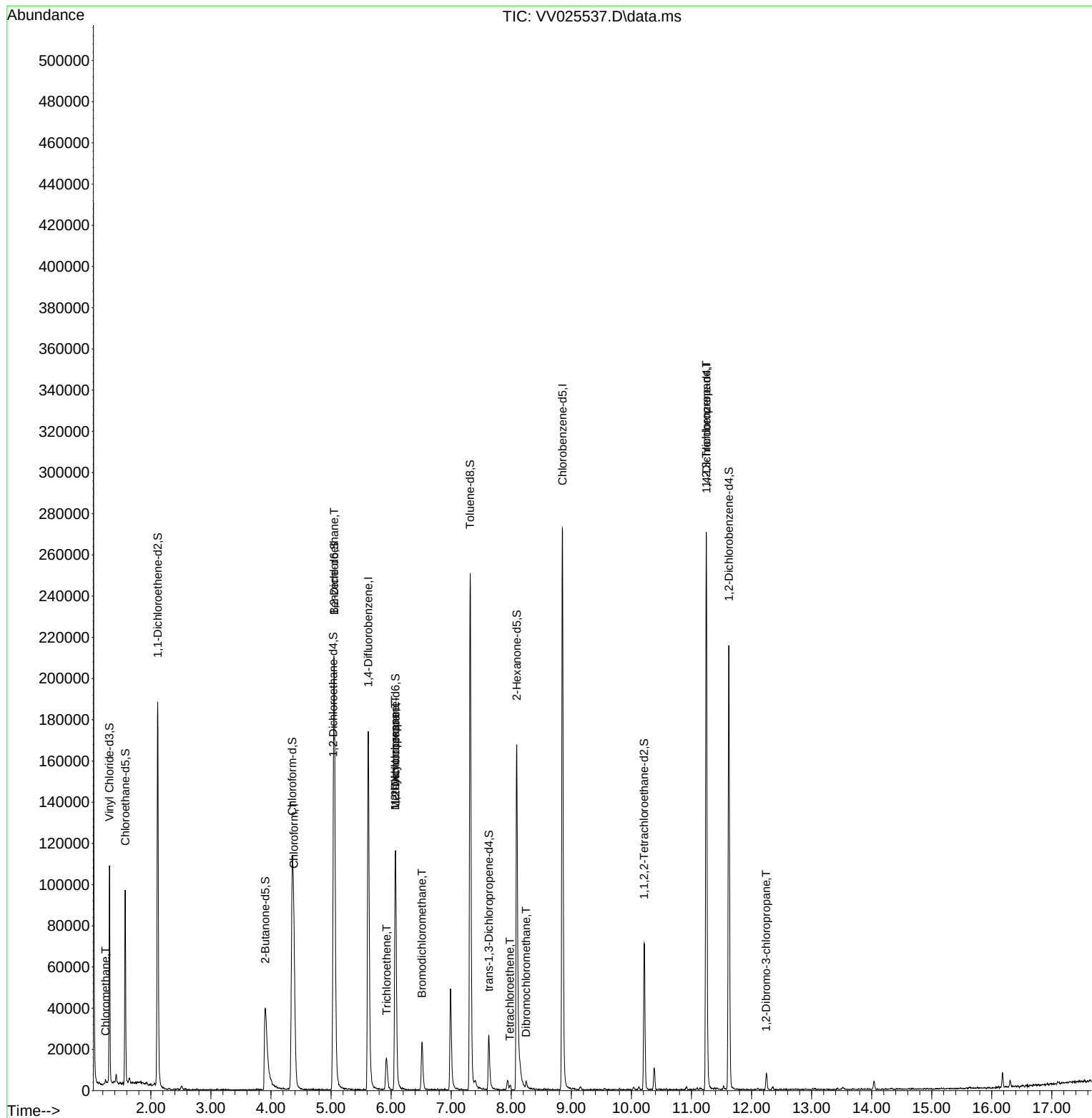
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	151535	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	150137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69999	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	65042	4.617	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.574	69	58856	3.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.114	63	98949	3.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.905	46	74690	43.584	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.160%
24) Chloroform-d	4.355	84	99848	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.037	65	44703	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.053	84	192827	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.072	67	56201	4.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.317	98	168133	4.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.629	79	16484	4.048	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.092	63	57703	40.376	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33629	4.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	53526	4.561	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	722	0.049	ug/L	94
25) Chloroform	4.381	83	62686	3.184	ug/L	96
27) 1,2-Dichloroethane	5.053	62	1057	0.102	ug/L #	71
34) Trichloroethene	5.924	95	5114	0.434	ug/L	86
35) Methylcyclohexane	6.069	83	14114	0.751	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6484	0.632	ug/L #	85
38) Bromodichloromethane	6.513	83	16304	1.280	ug/L #	95
47) Tetrachloroethene	7.979	164	454	0.049	ug/L	85
49) Dibromochloromethane	8.246	129	1582	0.210	ug/L	96
61) 1,2,3-Trichloropropane	11.246	75	8677	1.882	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.243	75	231	0.290	ug/L #	2

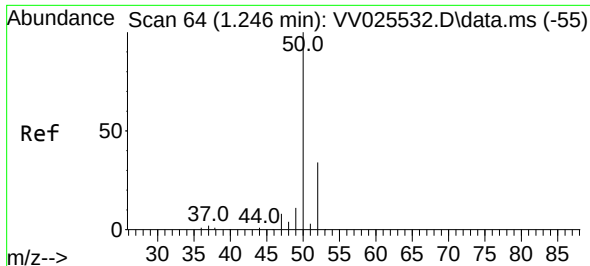
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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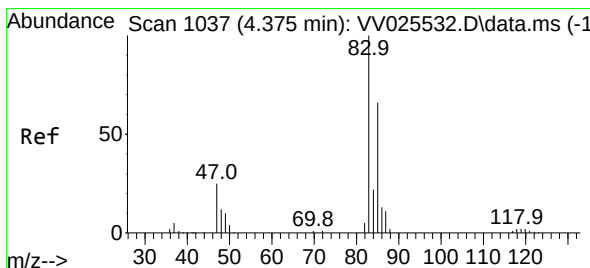
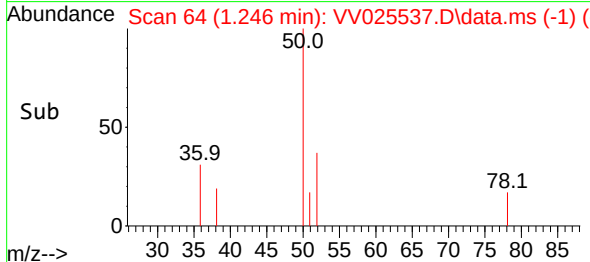
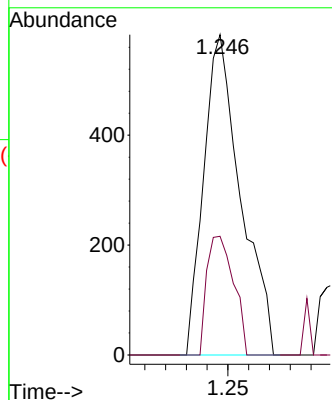
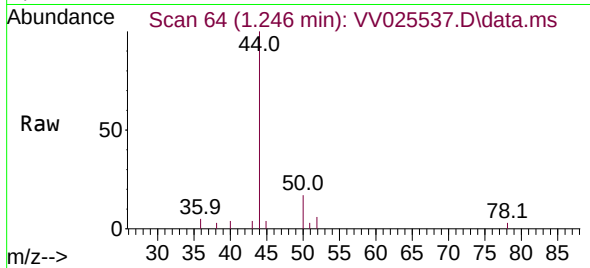




#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV025537.D
Acq: 14 Apr 2022 11:46

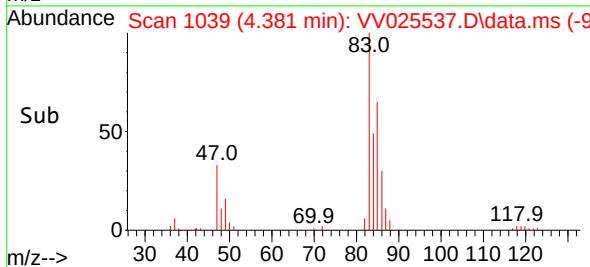
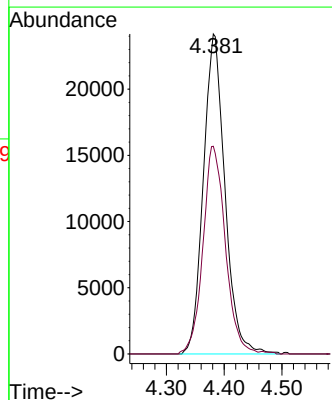
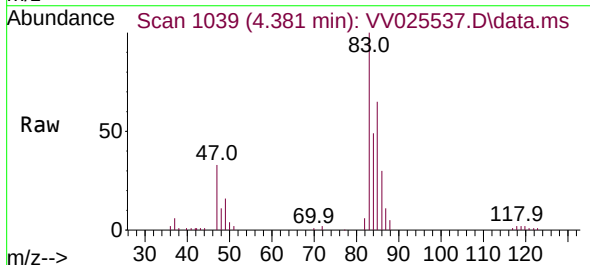
Instrument :
MSVOA_V
ClientSampleId :
GBDT6

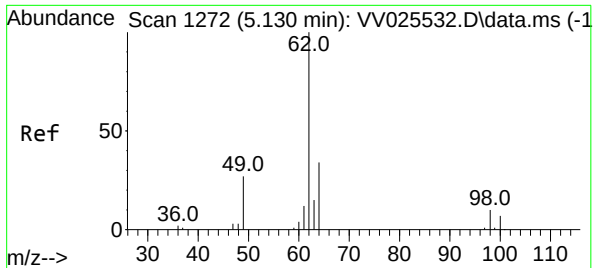
Tgt Ion: 50 Resp: 722
Ion Ratio Lower Upper
50 100
52 37.0 23.7 43.9



#25
Chloroform
Concen: 3.184 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV025537.D
Acq: 14 Apr 2022 11:46

Tgt Ion: 83 Resp: 62686
Ion Ratio Lower Upper
83 100
85 64.9 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV025537.D

Acq: 14 Apr 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

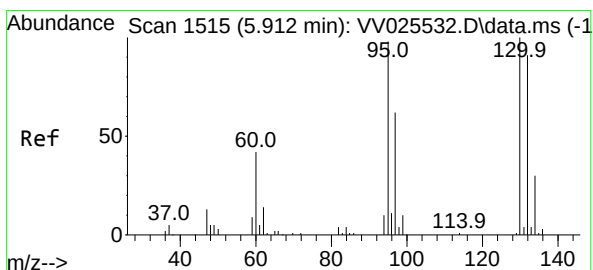
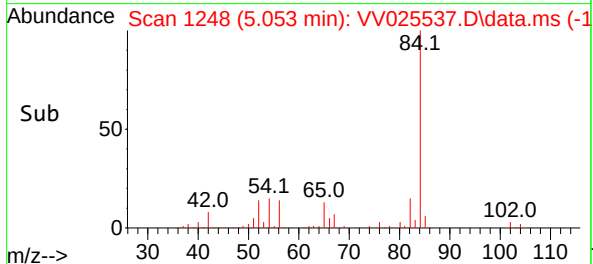
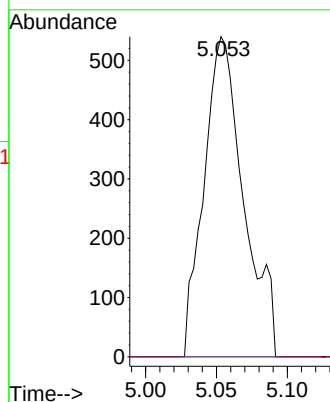
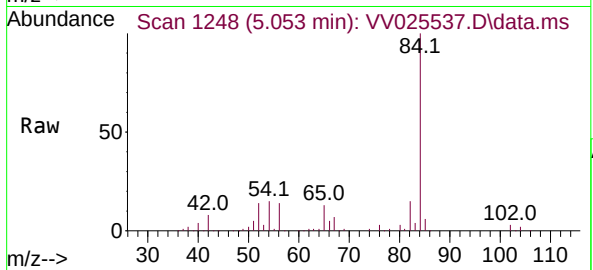
GBDT6

Tgt Ion: 62 Resp: 1057

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#34

Trichloroethene

Concen: 0.434 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV025537.D

Acq: 14 Apr 2022 11:46

Tgt Ion: 95 Resp: 5114

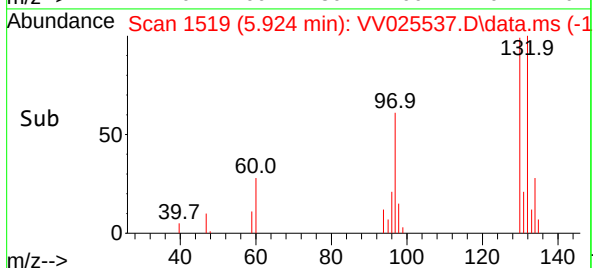
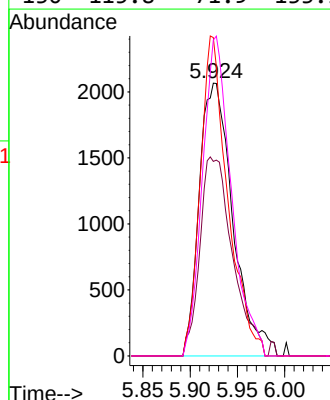
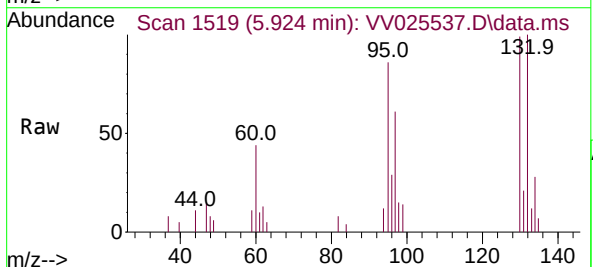
Ion Ratio Lower Upper

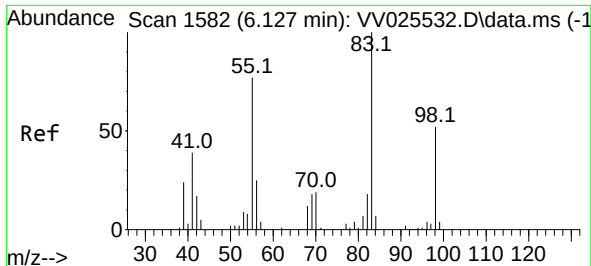
95 100

97 71.3 45.8 85.2

132 116.7 68.0 126.4

130 115.8 71.9 133.5





#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025537.D

Acq: 14 Apr 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

GBDT6

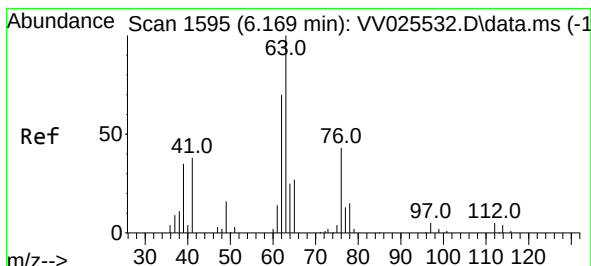
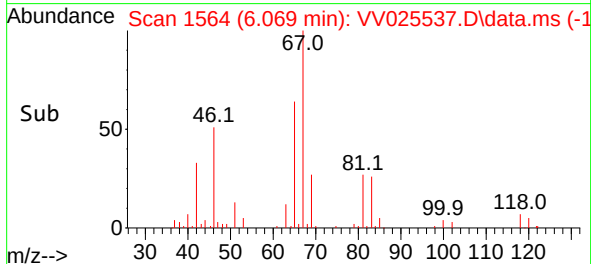
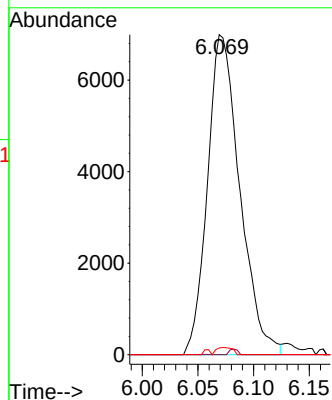
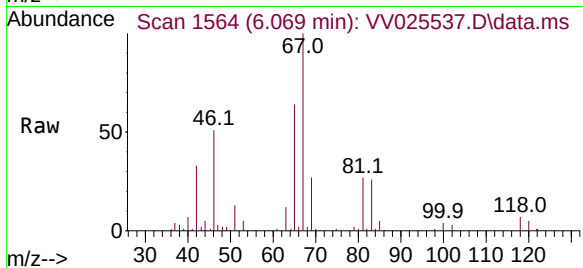
Tgt Ion: 83 Resp: 14114

Ion Ratio Lower Upper

83 100

55 0.4 53.7 80.5#

98 1.1 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.632 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025537.D

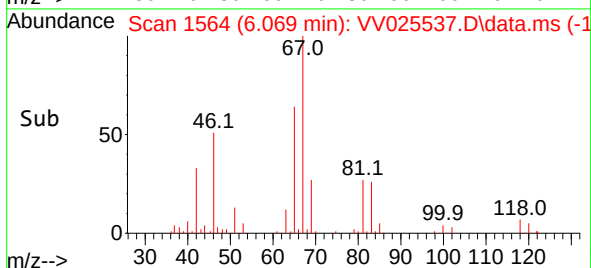
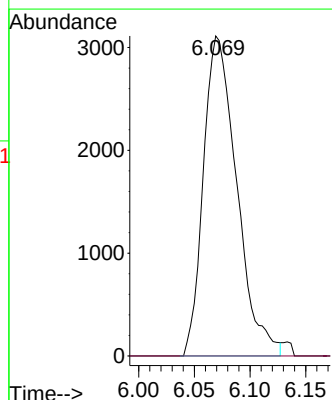
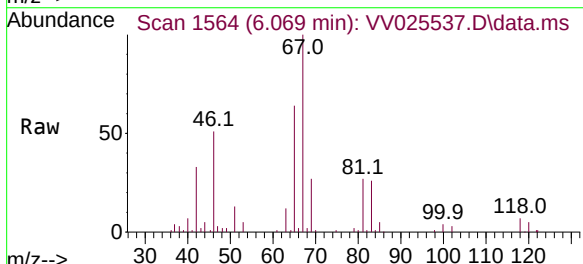
Acq: 14 Apr 2022 11:46

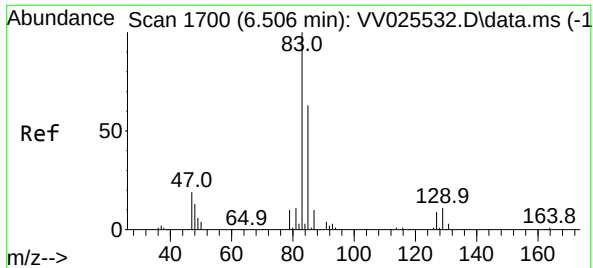
Tgt Ion: 63 Resp: 6484

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#

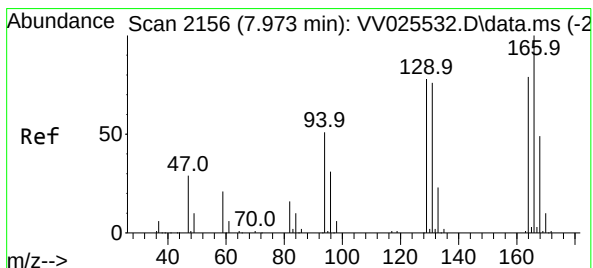
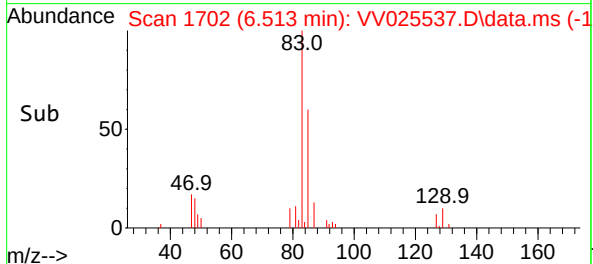
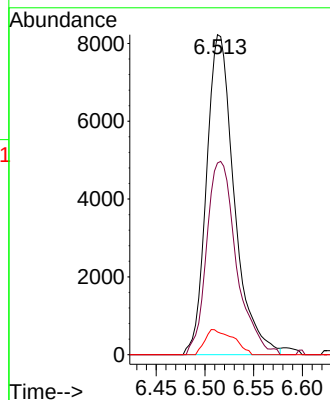
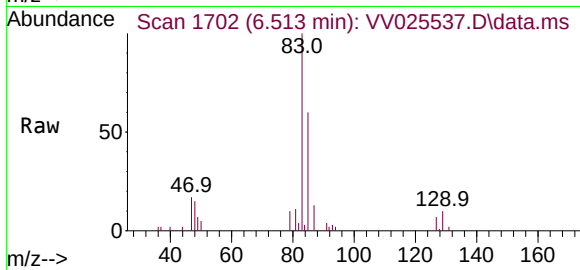




#38
 Bromodichloromethane
 Concen: 1.280 ug/L
 RT: 6.513 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VV025537.D
 Acq: 14 Apr 2022 11:46

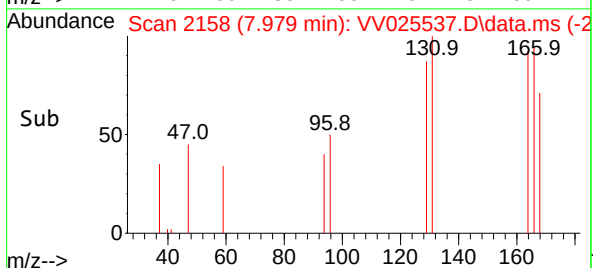
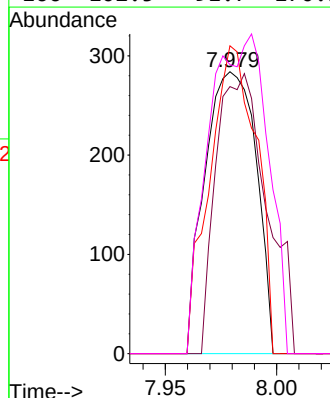
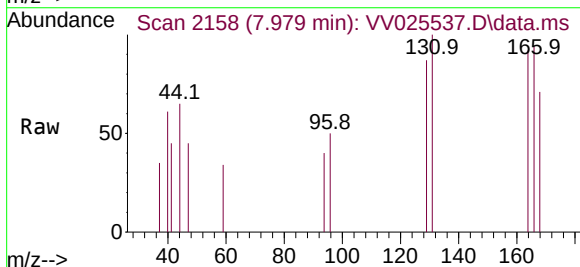
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT6

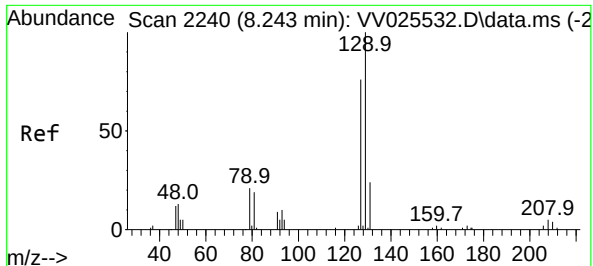
Tgt Ion: 83 Resp: 16304
 Ion Ratio Lower Upper
 83 100
 85 59.9 44.4 82.4
 127 7.1 7.2 10.8#



#47
 Tetrachloroethene
 Concen: 0.049 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. 0.006 min
 Lab File: VV025537.D
 Acq: 14 Apr 2022 11:46

Tgt Ion: 164 Resp: 454
 Ion Ratio Lower Upper
 164 100
 129 94.7 66.8 124.2
 131 109.2 66.4 123.4
 166 102.5 91.7 170.3





#49

Dibromochloromethane

Concen: 0.210 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025537.D

Acq: 14 Apr 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

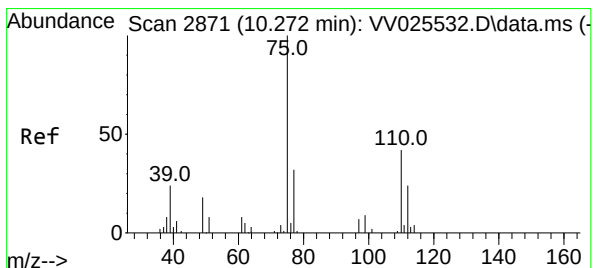
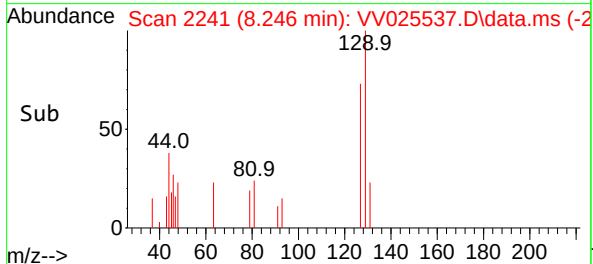
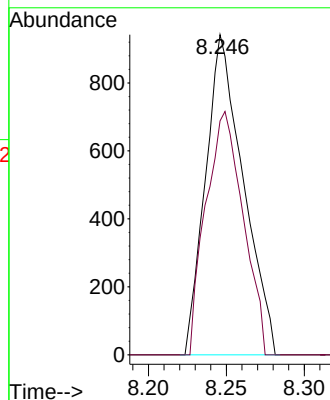
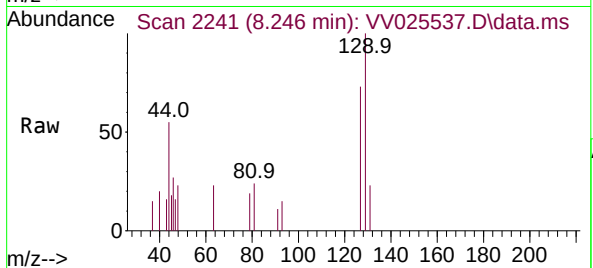
GBDT6

Tgt Ion:129 Resp: 1582

Ion Ratio Lower Upper

129 100

127 73.0 53.8 100.0



#61

1,2,3-Trichloropropane

Concen: 1.882 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025537.D

Acq: 14 Apr 2022 11:46

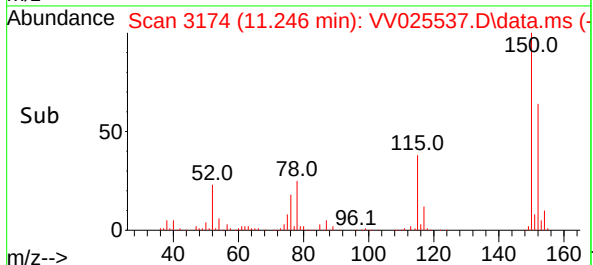
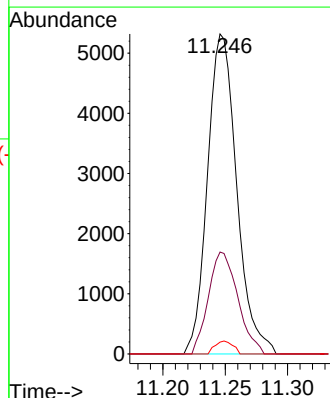
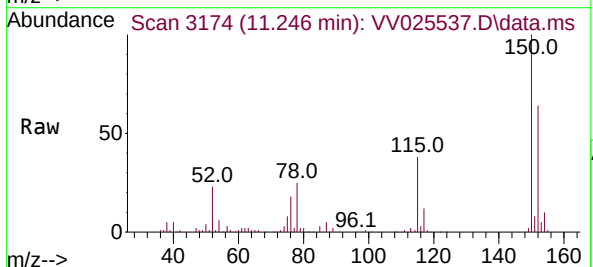
Tgt Ion: 75 Resp: 8677

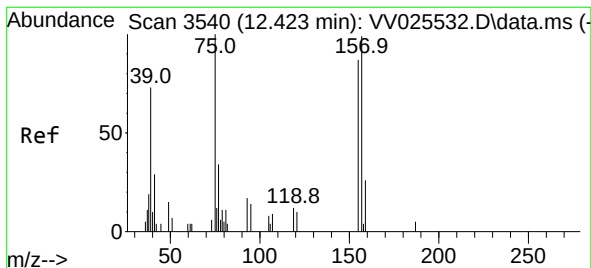
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

110 2.5 34.7 52.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.290 ug/L
 RT: 12.243 min Scan# 34
 Delta R.T. -0.180 min
 Lab File: VV025537.D
 Acq: 14 Apr 2022 11:46

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT6

Tgt Ion: 75 Resp: 231
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

