

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025474.D
 Acq On : 12 Apr 2022 15:08
 Operator : SY/MD
 Sample : N2356-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS1

Quant Time: Apr 13 02:34:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 13 02:31:13 2022
 Response via : Initial Calibration

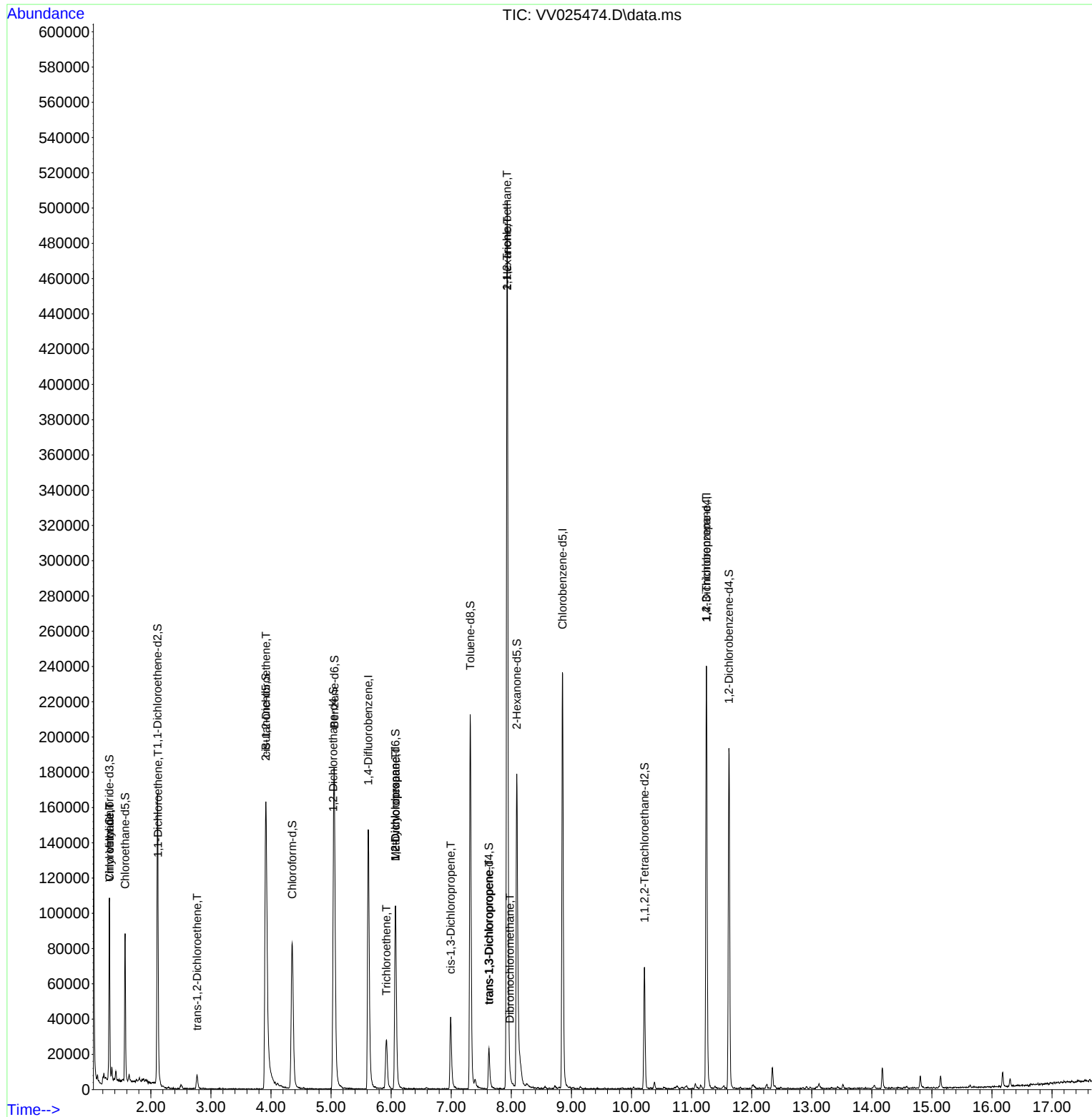
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129585	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130929	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63071	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	56364	4.678	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.600%	
7) Chloroethane-d5	1.571	69	53078	4.141	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.800%	
11) 1,1-Dichloroethene-d2	2.111	63	86617	3.589	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	3.912	46	80771	55.116	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.240%	
24) Chloroform-d	4.352	84	87596	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.037	65	40631	5.180	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	5.053	84	171095	4.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.072	67	50688	4.798	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.317	98	142912	4.065	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	7.625	79	13736	3.868	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.400%	
46) 2-Hexanone-d5	8.092	63	66100	53.037	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.080%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32193	4.823	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49332	4.665	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	7894	0.549	ug/L #	82
8) Chloroethane	1.314	64	3381	0.305	ug/L	97
12) 1,1-Dichloroethene	2.121	96	957	0.085	ug/L #	1
18) trans-1,2-Dichloroethene	2.770	96	2783	0.295	ug/L	82
22) cis-1,2-Dichloroethene	3.915	96	77150	7.781	ug/L	96
34) Trichloroethene	5.921	95	10068	0.980	ug/L	91
35) Methylcyclohexane	6.072	83	12341	0.753	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5522	0.617	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1151	0.098	ug/L #	12
44) trans-1,3-Dichloropropene	7.629	75	722	0.079	ug/L	85
45) 1,1,2-Trichloroethane	7.928	97	2670	0.446	ug/L #	1
48) 2-Hexanone	7.931	43	304610	122.005	ug/L #	62
49) Dibromochloromethane	7.976	129	209	0.032	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7415	1.785	ug/L #	57

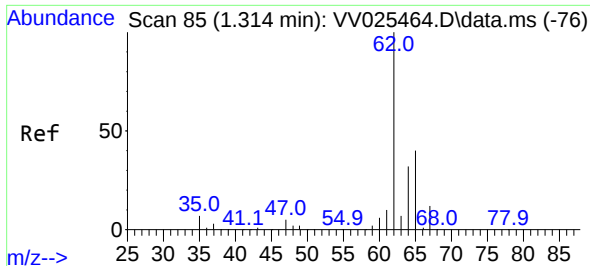
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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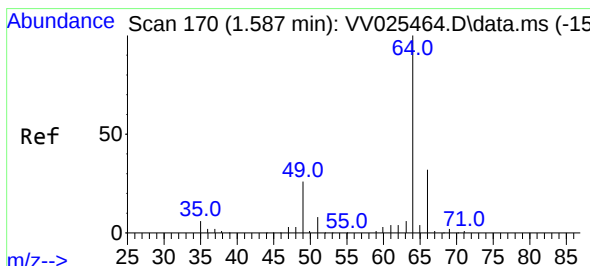
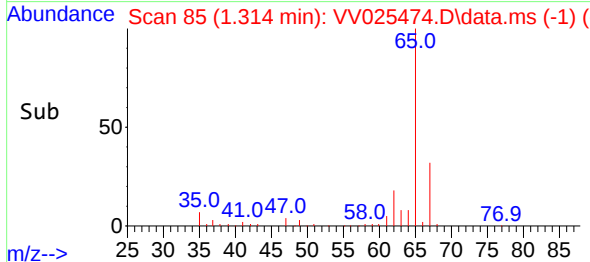
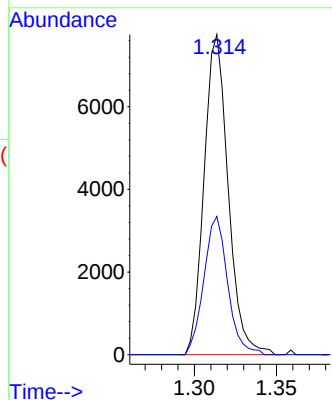
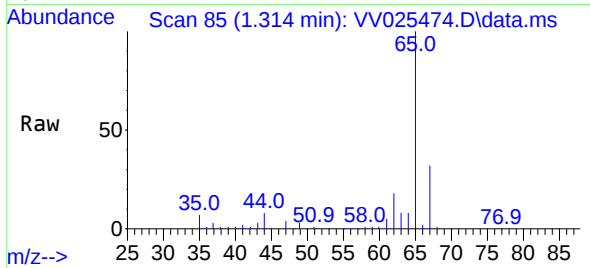




#5
 Vinyl chloride
 Concen: 0.549 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025474.D
 Acq: 12 Apr 2022 15:08

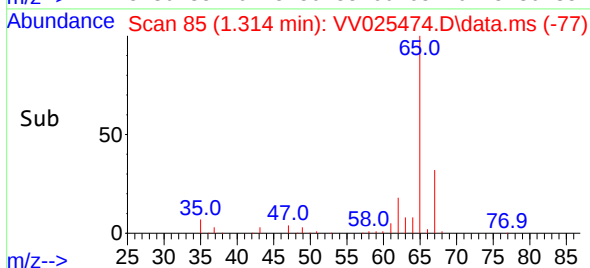
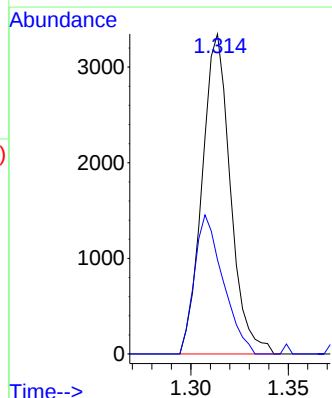
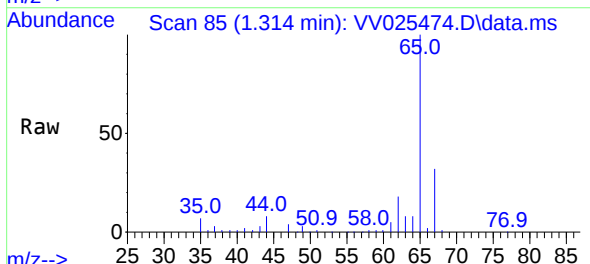
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS1

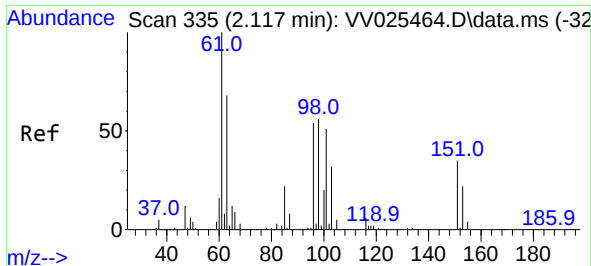
Tgt Ion: 62 Resp: 7894
 Ion Ratio Lower Upper
 62 100
 64 43.2 23.2 43.2#



#8
 Chloroethane
 Concen: 0.305 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.273 min
 Lab File: VV025474.D
 Acq: 12 Apr 2022 15:08

Tgt Ion: 64 Resp: 3381
 Ion Ratio Lower Upper
 64 100
 66 29.5 21.8 40.6





#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025474.D

Acq: 12 Apr 2022 15:08

Instrument :

MSVOA_V

ClientSampleId :

GBDS1

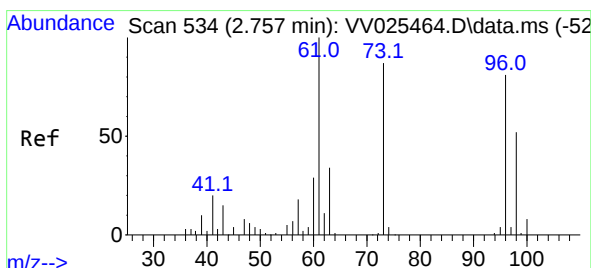
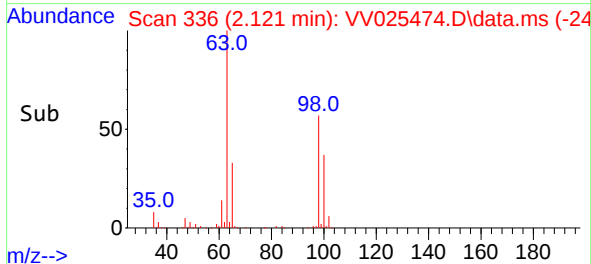
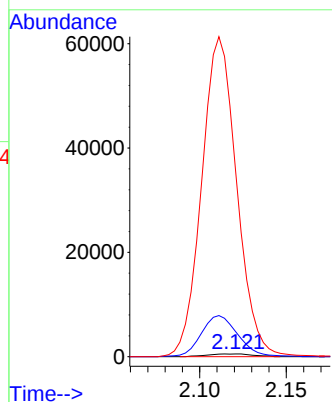
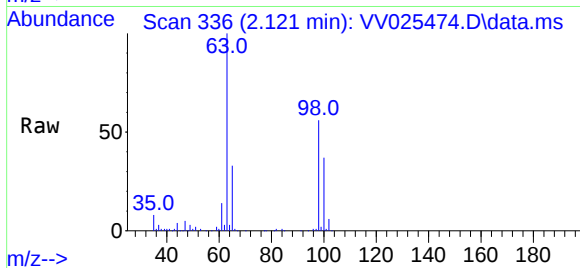
Tgt Ion: 96 Resp: 957

Ion Ratio Lower Upper

96 100

61 912.9 125.2 232.4#

63 6759.1 114.4 212.4#



#18

trans-1,2-Dichloroethene

Concen: 0.295 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.013 min

Lab File: VV025474.D

Acq: 12 Apr 2022 15:08

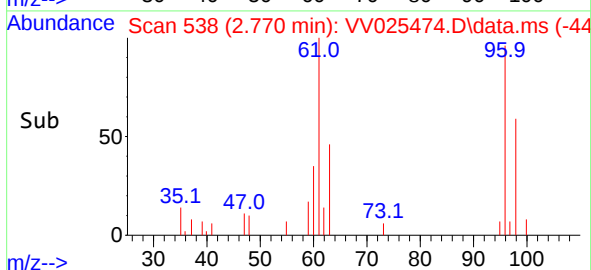
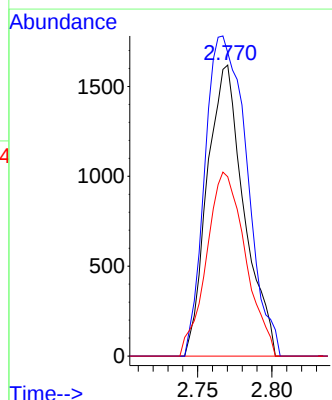
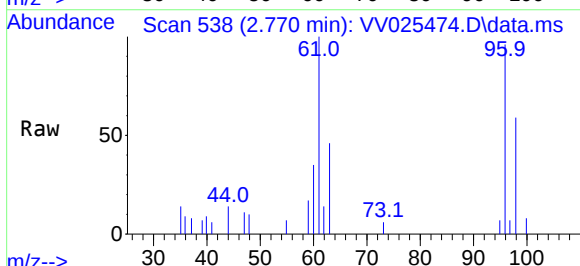
Tgt Ion: 96 Resp: 2783

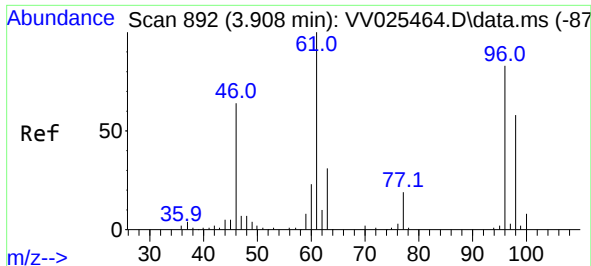
Ion Ratio Lower Upper

96 100

61 104.3 92.1 171.1

98 61.6 47.5 88.1

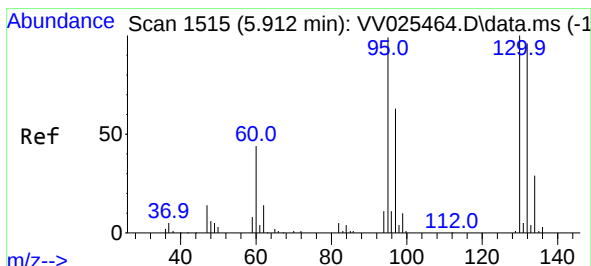
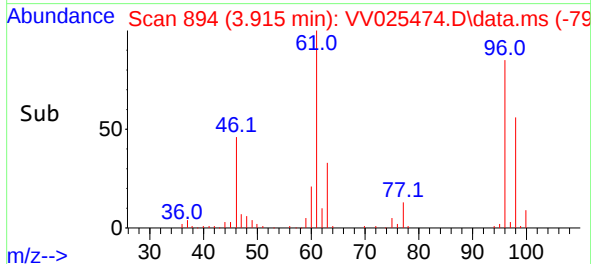
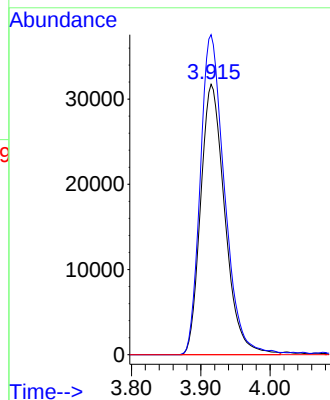
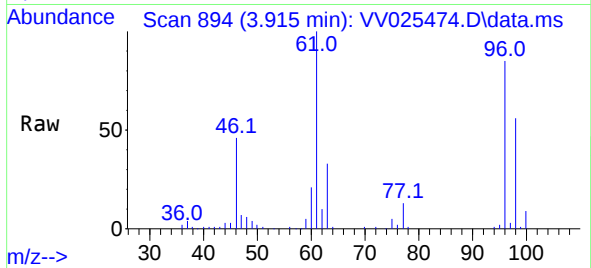




#22
cis-1,2-Dichloroethene
Concen: 7.781 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV025474.D
Acq: 12 Apr 2022 15:08

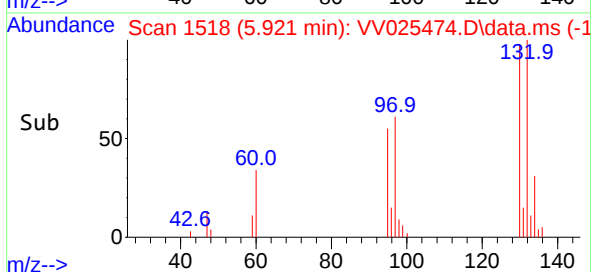
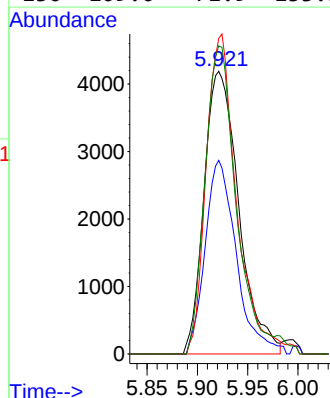
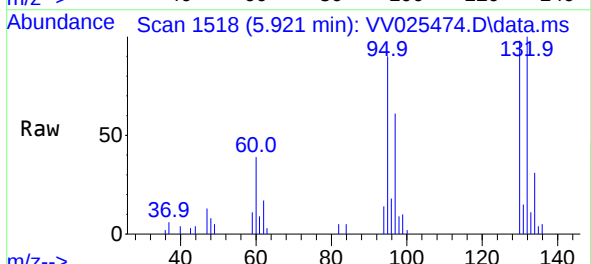
Instrument :
MSVOA_V
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GBDS1

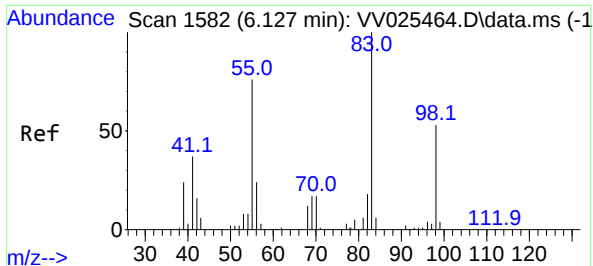
Tgt Ion: 96 Resp: 77150
Ion Ratio Lower Upper
96 100
61 118.3 80.0 148.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.980 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV025474.D
Acq: 12 Apr 2022 15:08

Tgt Ion: 95 Resp: 10068
Ion Ratio Lower Upper
95 100
97 68.5 45.8 85.2
132 111.6 68.0 126.4
130 109.0 71.9 133.5





#35

Methylcyclohexane

Concen: 0.753 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025474.D

Acq: 12 Apr 2022 15:08

Instrument :

MSVOA_V

ClientSampleId :

GBDS1

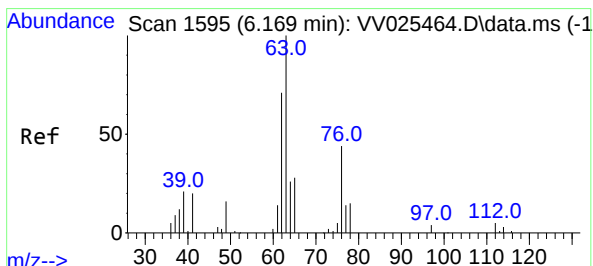
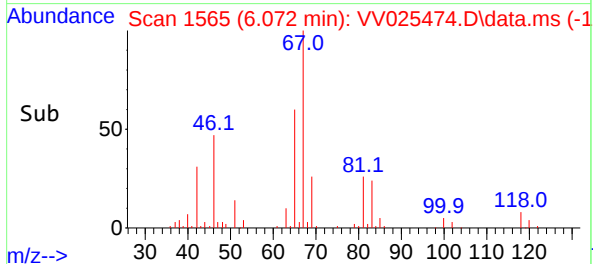
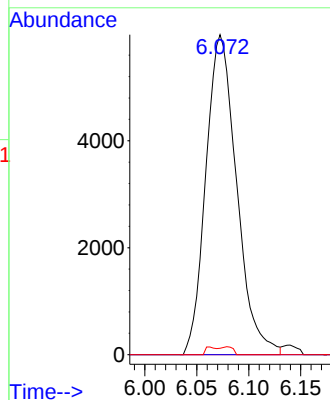
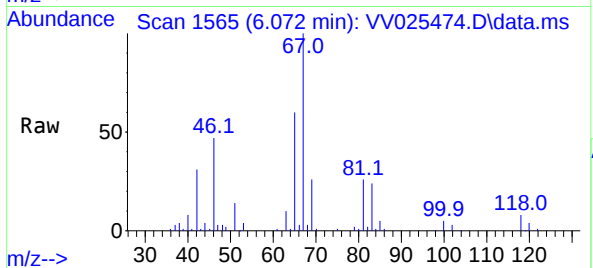
Tgt Ion: 83 Resp: 12341

Ion Ratio Lower Upper

83 100

55 0.2 53.7 80.5#

98 1.0 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV025474.D

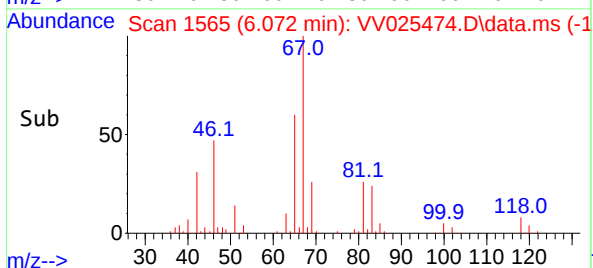
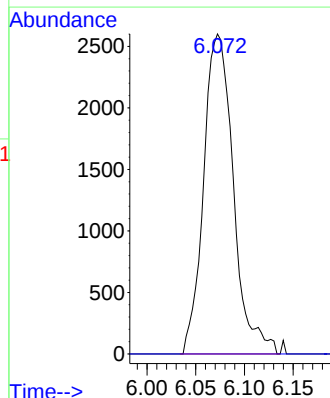
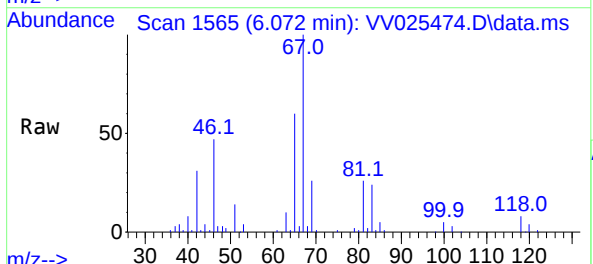
Acq: 12 Apr 2022 15:08

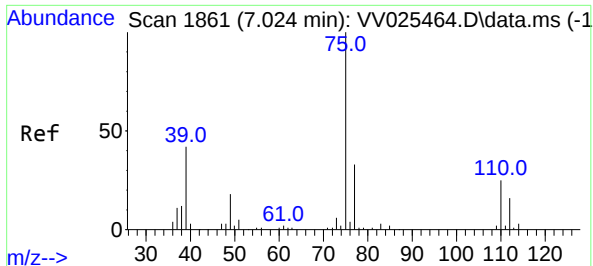
Tgt Ion: 63 Resp: 5522

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025474.D

Acq: 12 Apr 2022 15:08

Instrument :

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ClientSampleId :

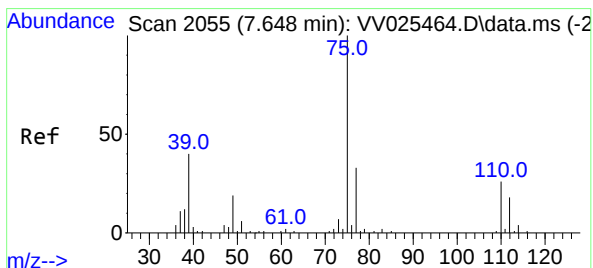
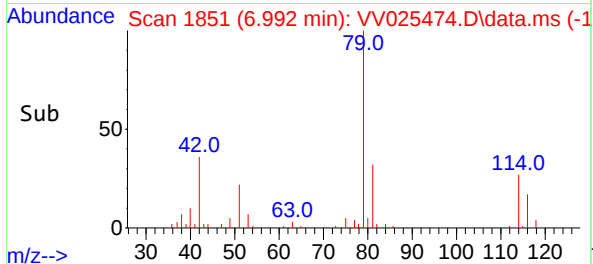
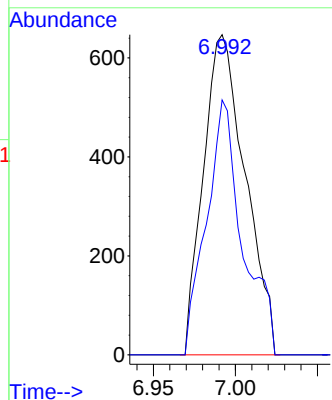
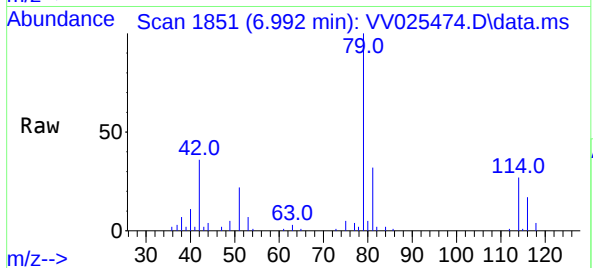
GBDS1

Tgt Ion: 75 Resp: 1151

Ion Ratio Lower Upper

75 100

77 79.6 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.019 min

Lab File: VV025474.D

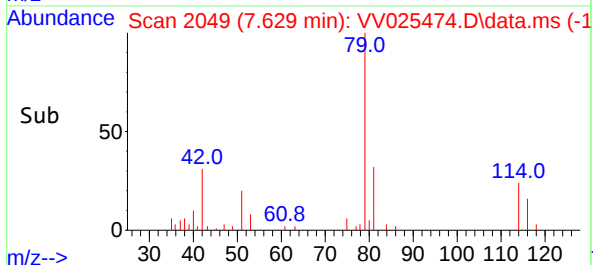
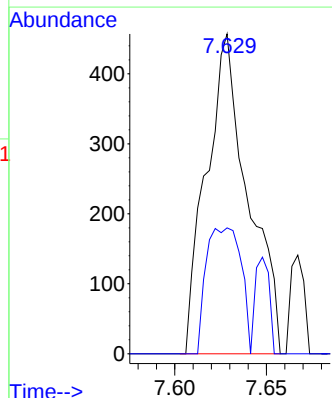
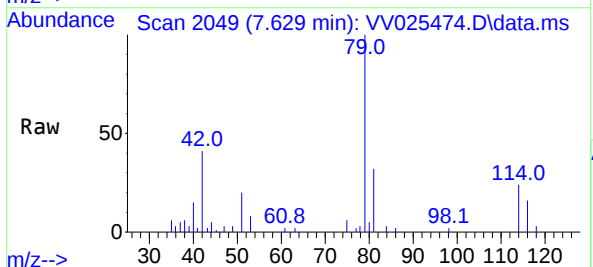
Acq: 12 Apr 2022 15:08

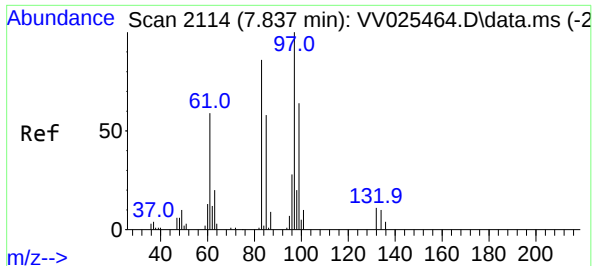
Tgt Ion: 75 Resp: 722

Ion Ratio Lower Upper

75 100

77 39.4 21.7 40.3

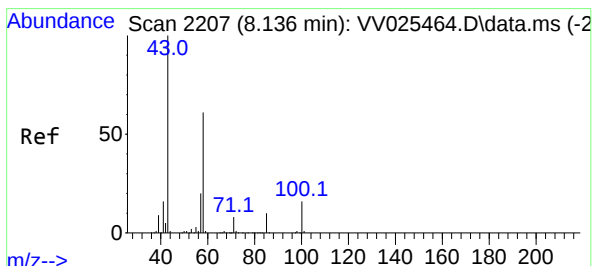
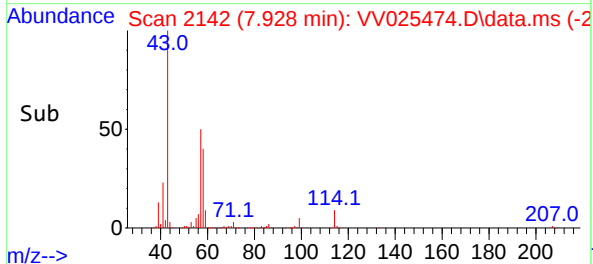
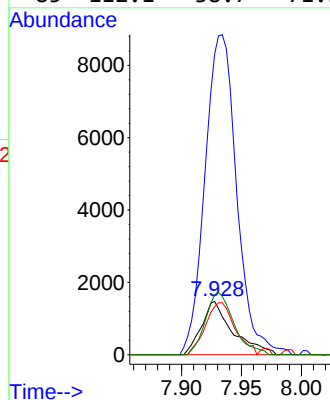
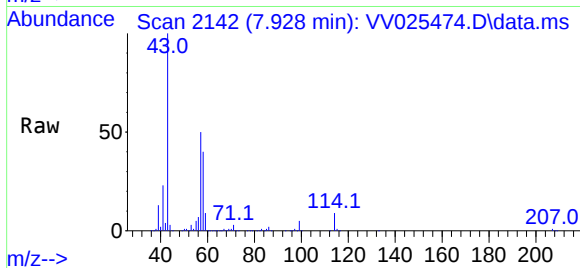




#45
1,1,2-Trichloroethane
Concen: 0.446 ug/L
RT: 7.928 min Scan# 2114
Delta R.T. 0.090 min
Lab File: VV025474.D
Acq: 12 Apr 2022 15:08

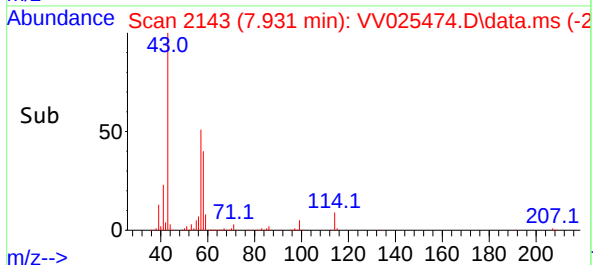
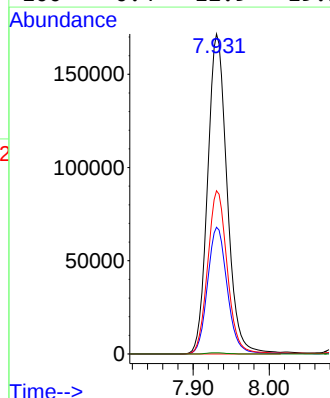
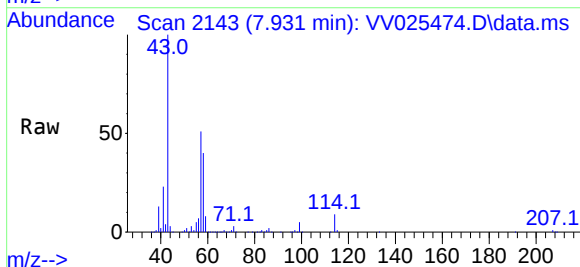
Instrument : MSVOA_V
ClientSampleId : GBDS1

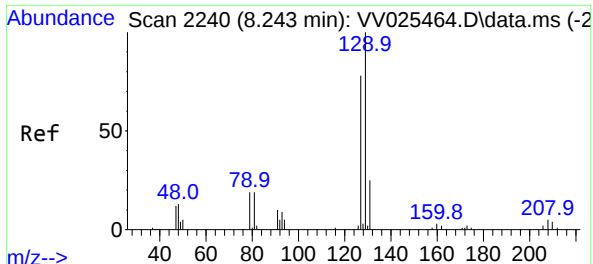
Tgt Ion:	97	Resp:	2670
Ion	Ratio	Lower	Upper
97	100		
99	563.4	43.8	81.4#
83	90.0	60.3	112.1
85	112.1	38.7	71.9#



#48
2-Hexanone
Concen: 122.005 ug/L
RT: 7.931 min Scan# 2143
Delta R.T. -0.206 min
Lab File: VV025474.D
Acq: 12 Apr 2022 15:08

Tgt Ion:	43	Resp:	304610
Ion	Ratio	Lower	Upper
43	100		
58	40.5	49.7	74.5#
57	51.5	16.4	24.6#
100	0.4	12.9	19.3#





#49

Dibromochloromethane

Concen: 0.032 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025474.D

Acq: 12 Apr 2022 15:08

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MSVOA_V

ClientSampleId :

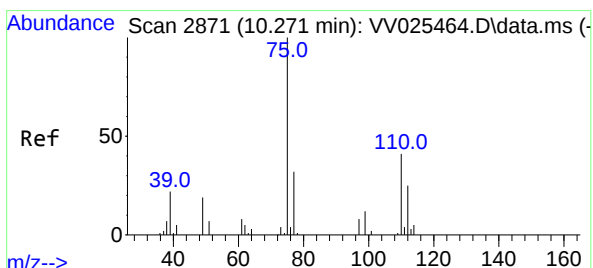
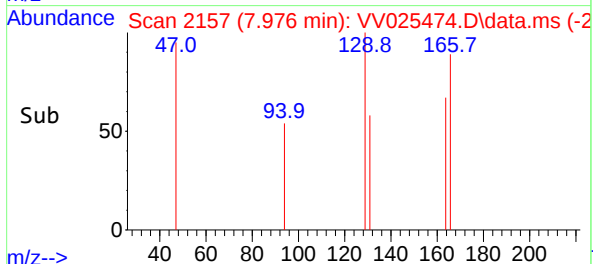
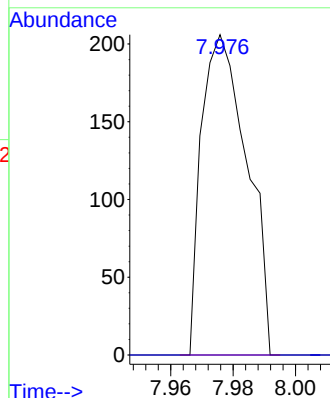
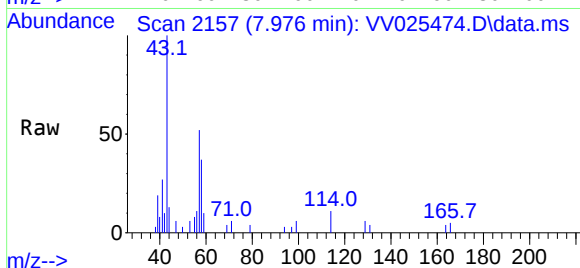
GBDS1

Tgt Ion:129 Resp: 209

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.785 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025474.D

Acq: 12 Apr 2022 15:08

Tgt Ion: 75 Resp: 7415

Ion Ratio Lower Upper

75 100

77 39.9 25.6 38.4#

110 1.7 34.7 52.1#

