

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025370.D
 Acq On : 06 Apr 2022 17:45
 Operator : SY/MD
 Sample : N2291-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B31

Quant Time: Apr 07 01:28:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

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

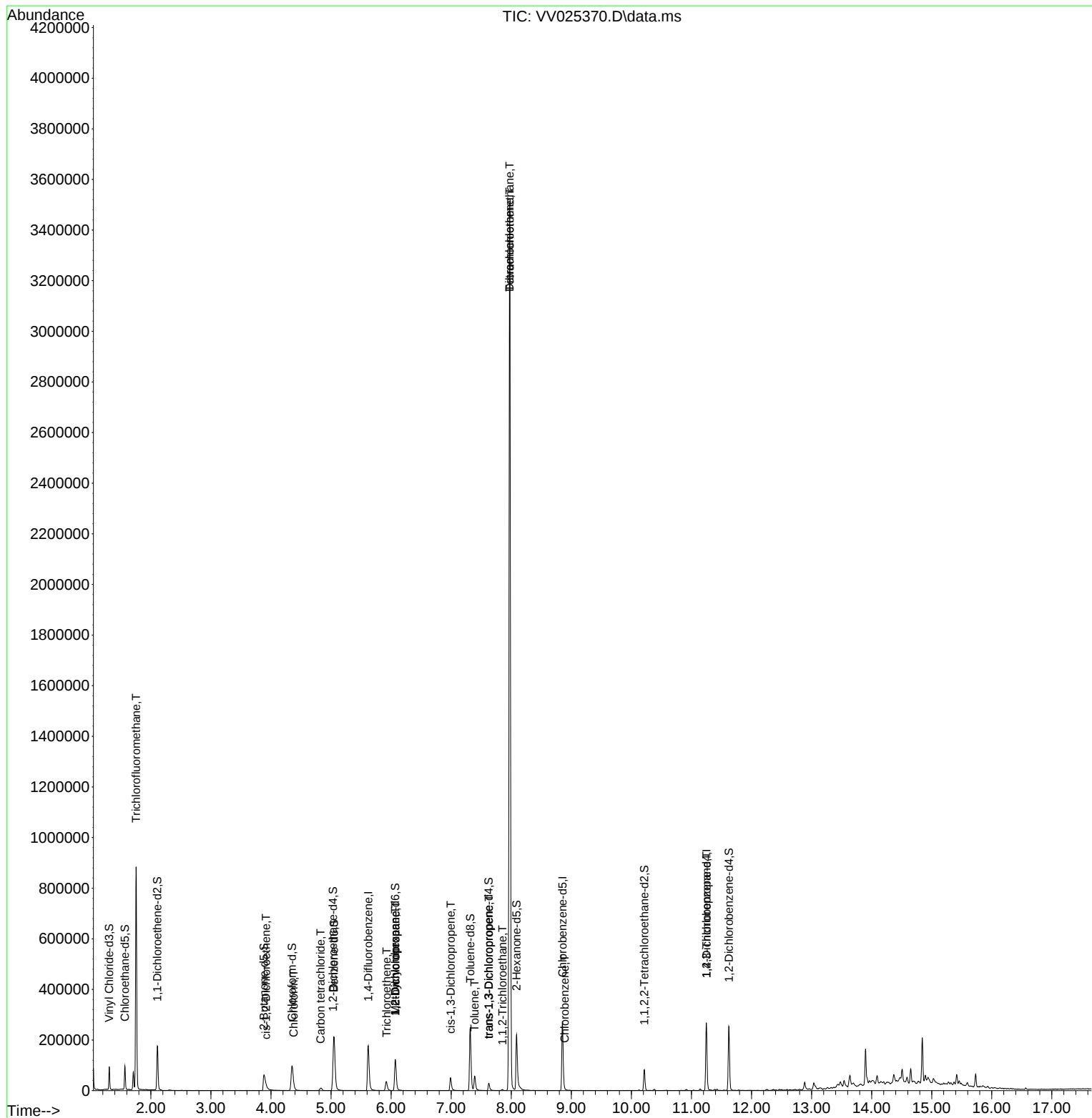
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	161004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	152493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56334	3.746	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.568	69	59531	4.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.108	63	91120	2.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	3.883	46	92764	61.922	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.840%
24) Chloroform-d	4.349	84	103226	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.034	65	45040	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.050	84	201084	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.069	67	58829	5.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.317	98	168431	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.625	79	17781	5.041	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.088	63	79659	62.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39230	5.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	63365	5.579	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	504143	17.603	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	2391	0.202	ug/L	77
25) Chloroform	4.378	83	8265	0.384	ug/L	98
31) Carbon tetrachloride	4.828	117	7786	0.488	ug/L	92
34) Trichloroethene	5.924	95	12290	1.001	ug/L	96
35) Methylcyclohexane	6.069	83	15406	0.801	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6880	0.663	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1343	0.100	ug/L #	71
42) Toluene	7.391	91	44312	0.928	ug/L	99
44) trans-1,3-Dichloropropene	7.628	75	846	0.080	ug/L	95
45) 1,1,2-Trichloroethane	7.854	97	1290	0.182	ug/L	90
47) Tetrachloroethene	7.976	164	747280	82.510	ug/L	96
49) Dibromochloromethane	7.976	129	695687	91.000	ug/L #	11
51) Chlorobenzene	8.889	112	1737	0.056	ug/L	91
61) 1,2,3-Trichloropropane	11.249	75	8568	1.601	ug/L #	65

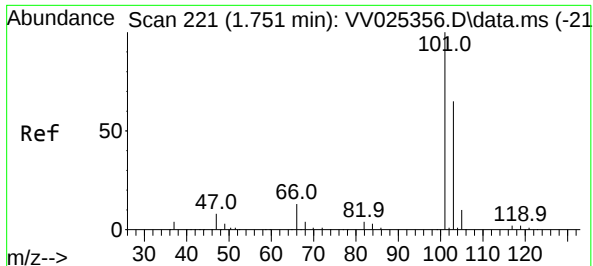
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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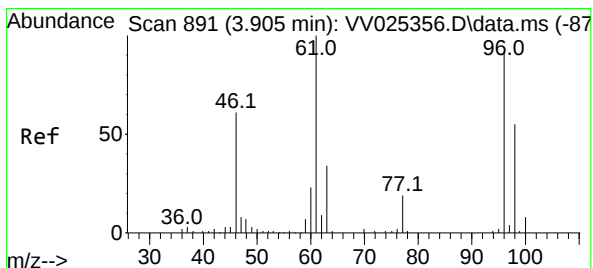
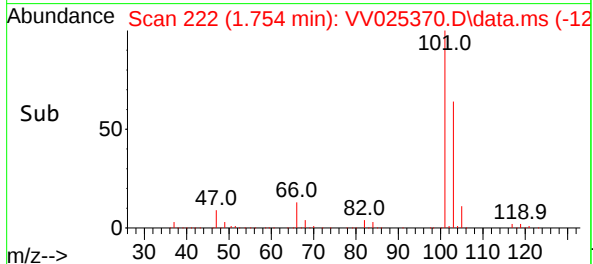
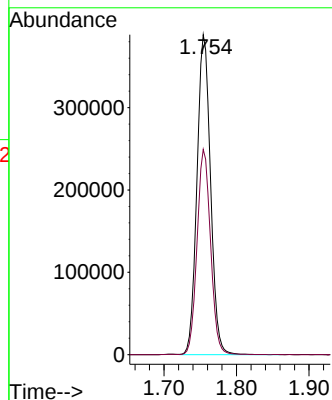
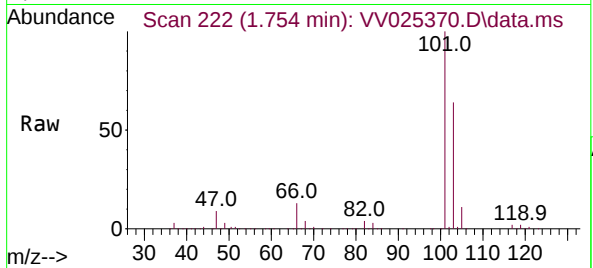




#9
 Trichlorofluoromethane
 Concen: 17.603 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025370.D
 Acq: 06 Apr 2022 17:45

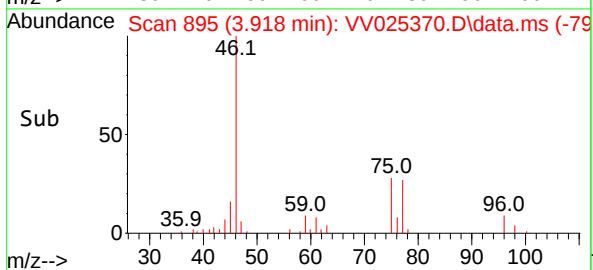
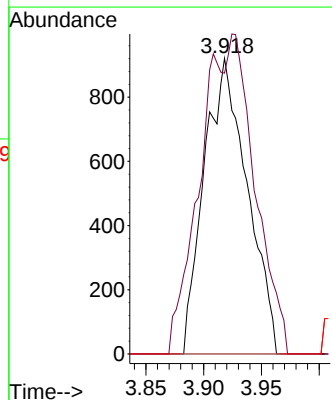
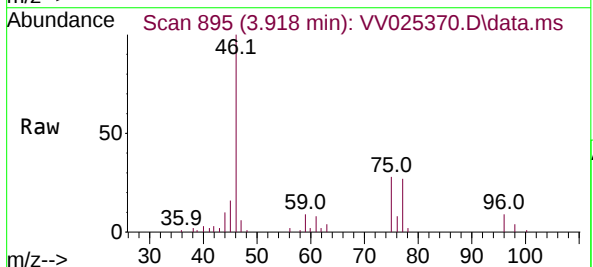
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B31

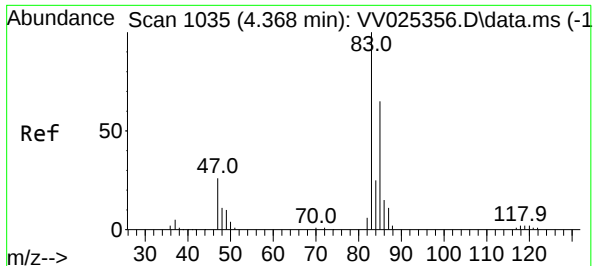
Tgt Ion:101 Resp: 504143
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.2 78.2



#22
 cis-1,2-Dichloroethene
 Concen: 0.202 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.013 min
 Lab File: VV025370.D
 Acq: 06 Apr 2022 17:45

Tgt Ion: 96 Resp: 2391
 Ion Ratio Lower Upper
 96 100
 61 95.0 84.1 156.1
 68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.384 ug/L

RT: 4.378 min Scan# 110

Delta R.T. 0.010 min

Lab File: VV025370.D

Acq: 06 Apr 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

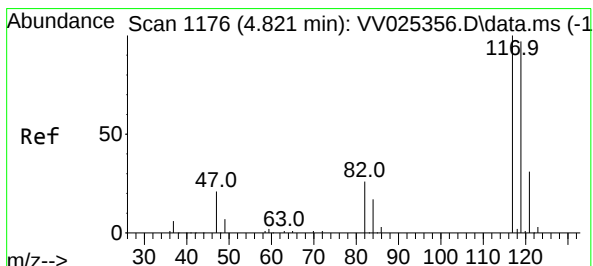
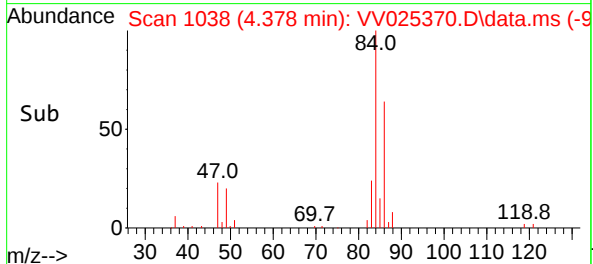
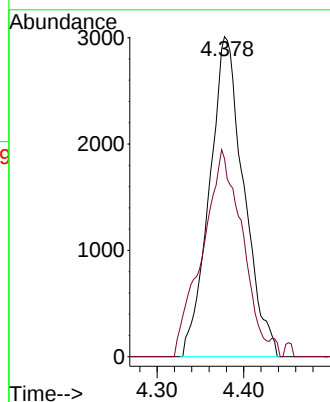
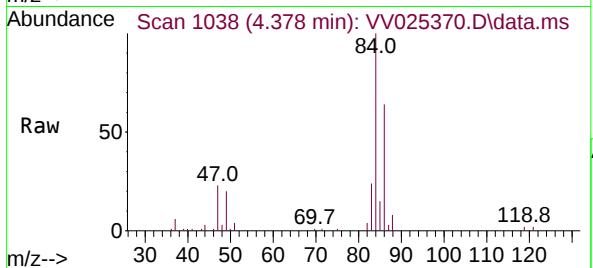
C0B31

Tgt Ion: 83 Resp: 8265

Ion Ratio Lower Upper

83 100

85 61.9 44.7 82.9



#31

Carbon tetrachloride

Concen: 0.488 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VV025370.D

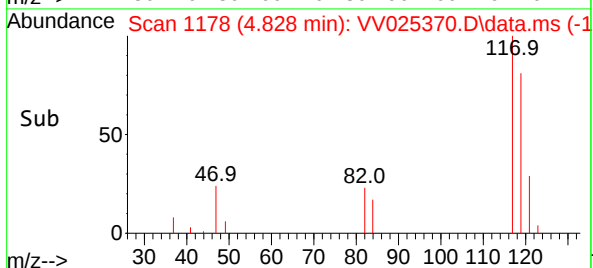
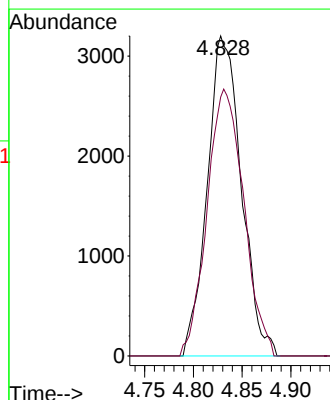
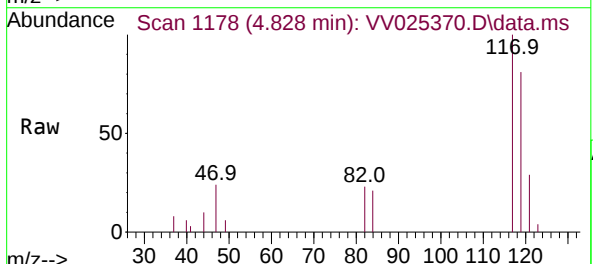
Acq: 06 Apr 2022 17:45

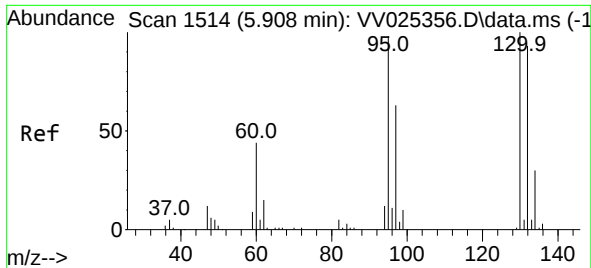
Tgt Ion: 117 Resp: 7786

Ion Ratio Lower Upper

117 100

119 89.7 77.8 116.6



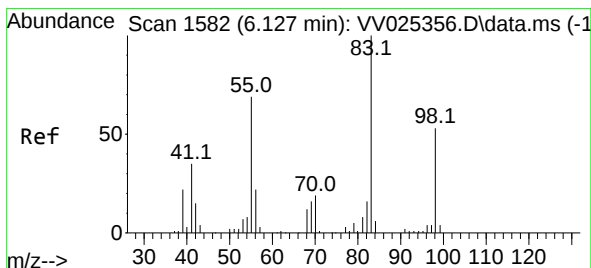
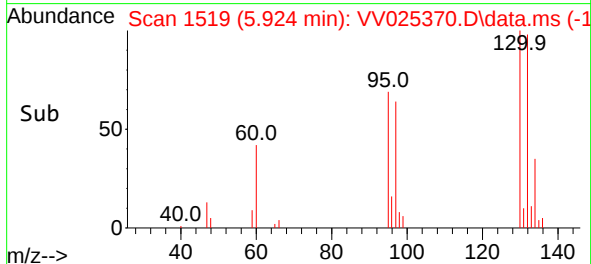
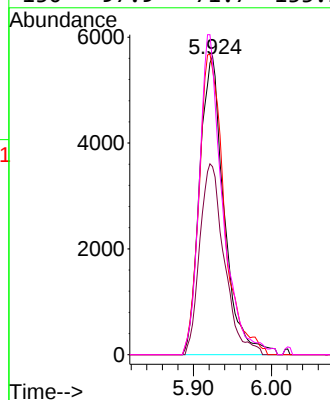
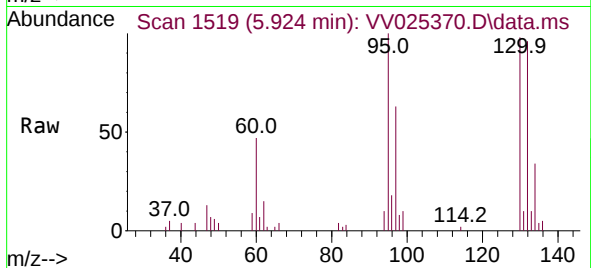


#34
Trichloroethene
Concen: 1.001 ug/L
RT: 5.924 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV025370.D
Acq: 06 Apr 2022 17:45

Instrument :
MSVOA_V
ClientSampleId :
C0B31

Tgt Ion: 95 Resp: 12290

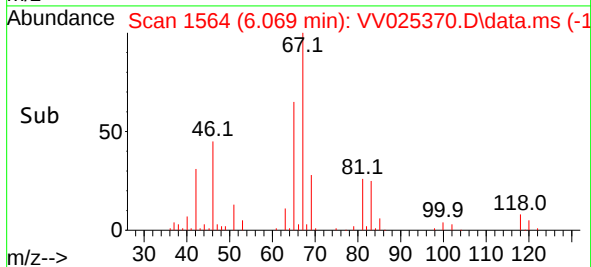
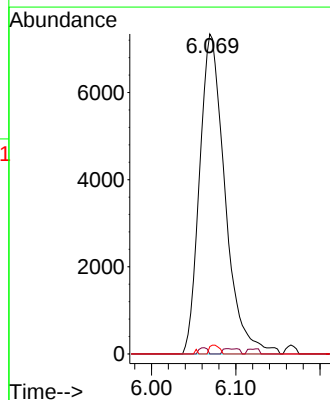
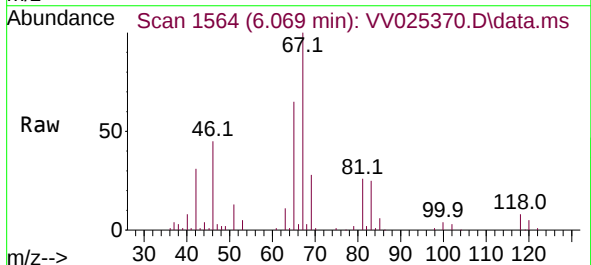
Ion	Ratio	Lower	Upper
95	100		
97	63.0	46.3	85.9
132	95.7	65.2	121.2
130	97.9	71.7	133.1

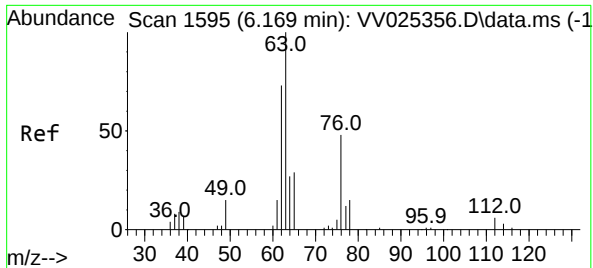


#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025370.D
Acq: 06 Apr 2022 17:45

Tgt Ion: 83 Resp: 15406

Ion	Ratio	Lower	Upper
83	100		
55	0.6	54.6	81.8#
98	1.1	39.8	59.6#





#37

1,2-Dichloropropane

Concen: 0.663 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV025370.D

Acq: 06 Apr 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

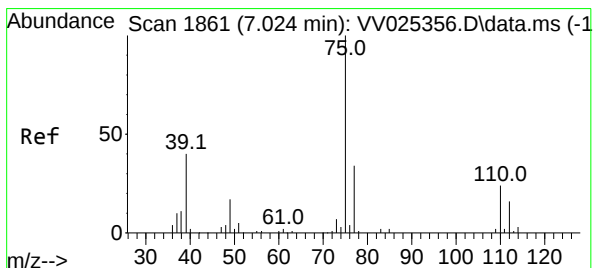
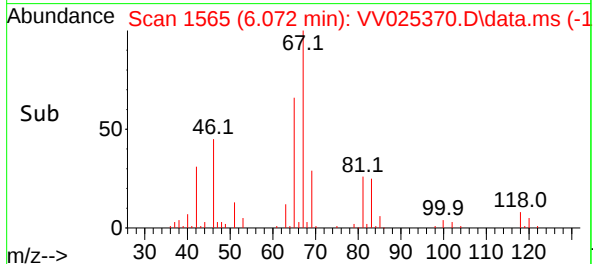
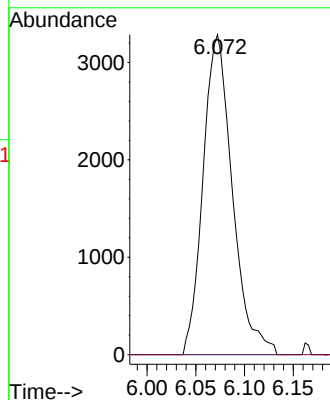
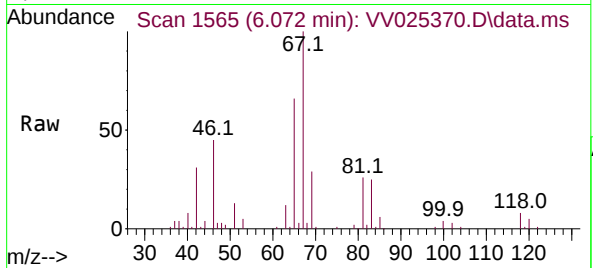
C0B31

Tgt Ion: 63 Resp: 6880

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025370.D

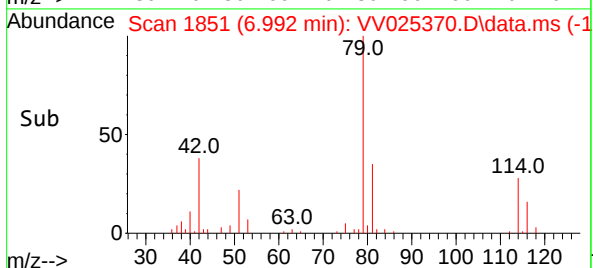
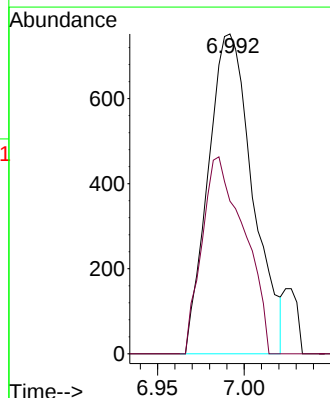
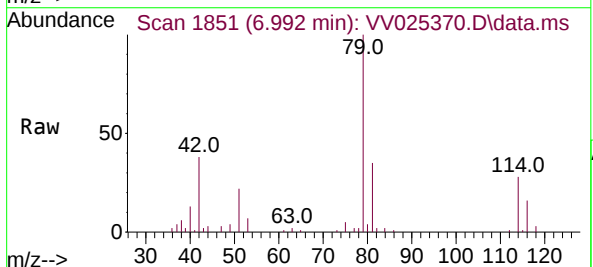
Acq: 06 Apr 2022 17:45

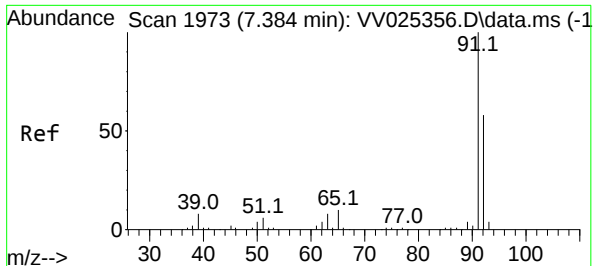
Tgt Ion: 75 Resp: 1343

Ion Ratio Lower Upper

75 100

77 47.7 22.1 41.1#





#42

Toluene

Concen: 0.928 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV025370.D

Acq: 06 Apr 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

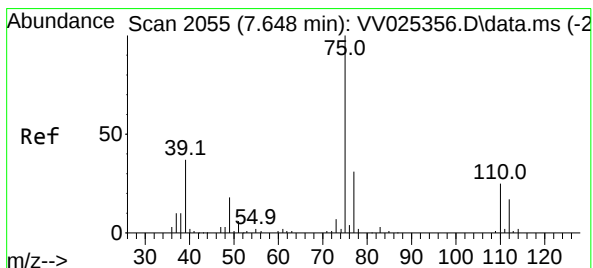
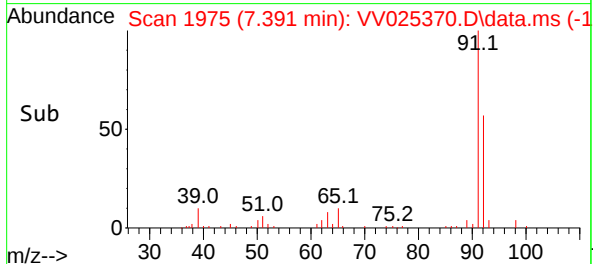
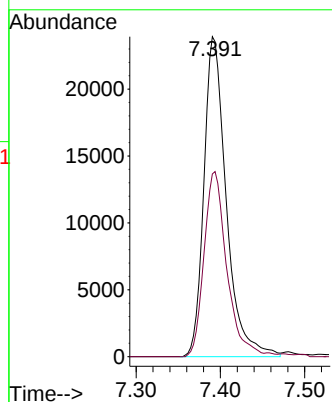
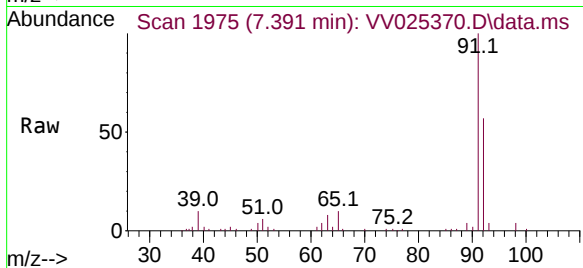
C0B31

Tgt Ion: 91 Resp: 44312

Ion Ratio Lower Upper

91 100

92 57.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.019 min

Lab File: VV025370.D

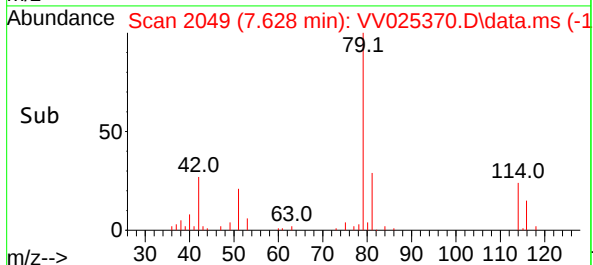
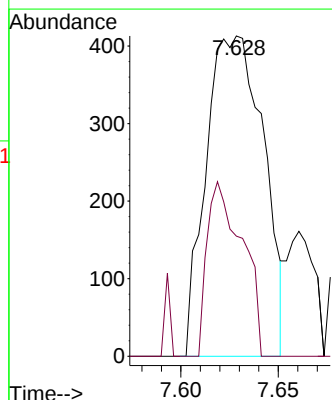
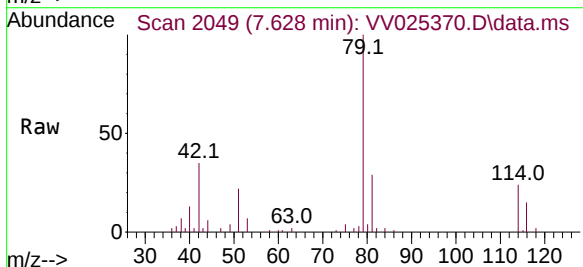
Acq: 06 Apr 2022 17:45

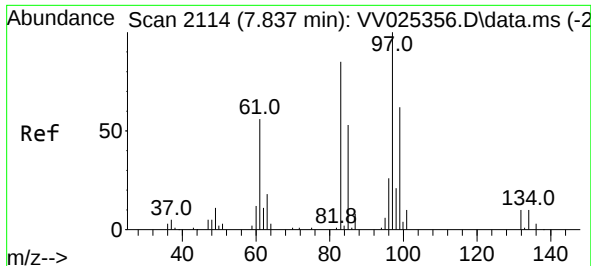
Tgt Ion: 75 Resp: 846

Ion Ratio Lower Upper

75 100

77 37.5 24.2 45.0



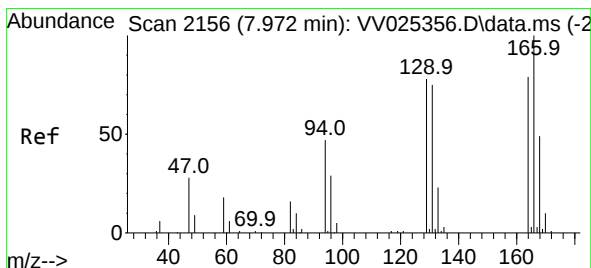
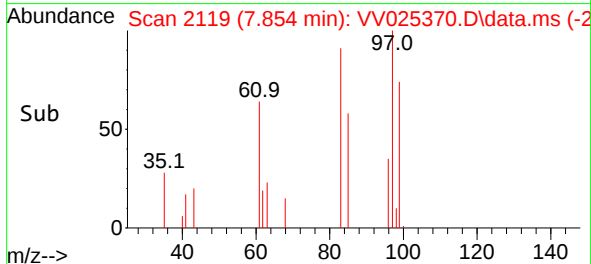
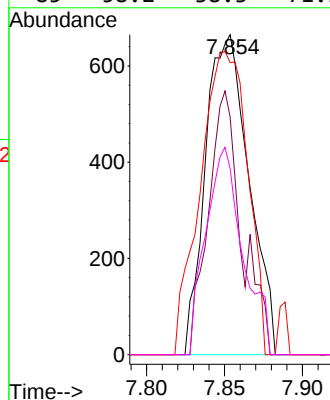
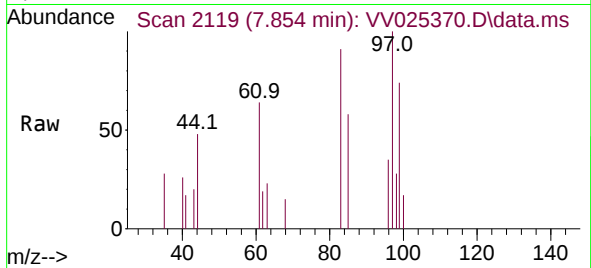


#45
1,1,2-Trichloroethane
Concen: 0.182 ug/L
RT: 7.854 min Scan# 2119
Delta R.T. 0.016 min
Lab File: VV025370.D
Acq: 06 Apr 2022 17:45

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 97 Resp: 1290

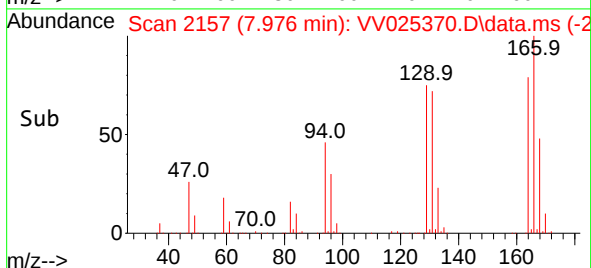
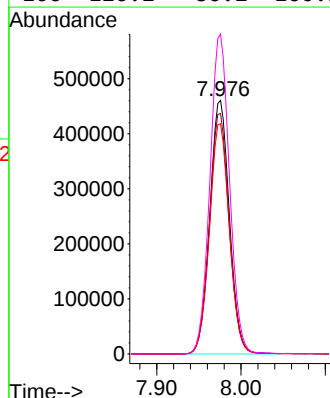
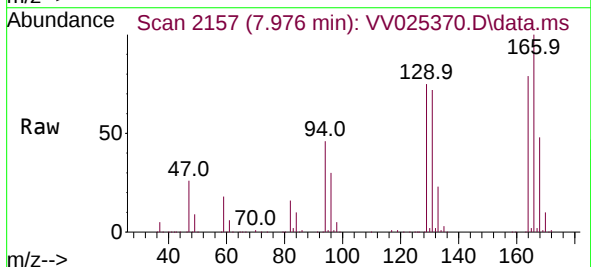
Ion	Ratio	Lower	Upper
97	100		
99	74.3	43.3	80.5
83	91.3	58.0	107.6
85	58.2	38.3	71.1

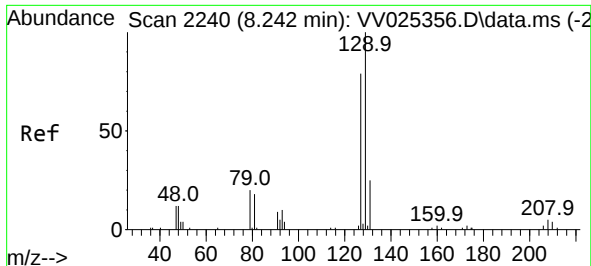


#47
Tetrachloroethene
Concen: 82.510 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025370.D
Acq: 06 Apr 2022 17:45

Tgt Ion: 164 Resp: 747280

Ion	Ratio	Lower	Upper
164	100		
129	94.9	67.5	125.4
131	90.8	68.0	126.4
166	126.2	86.2	160.2





#49

Dibromochloromethane

Concen: 91.000 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025370.D

Acq: 06 Apr 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

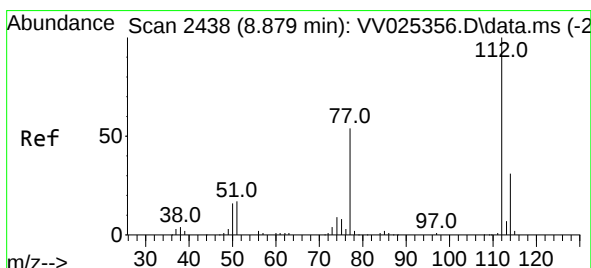
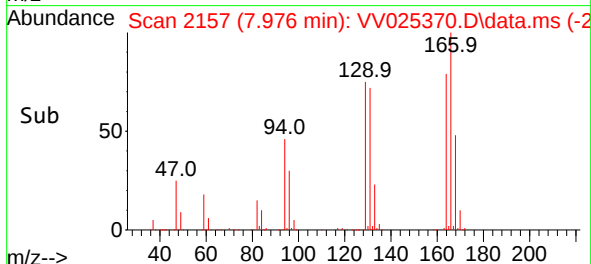
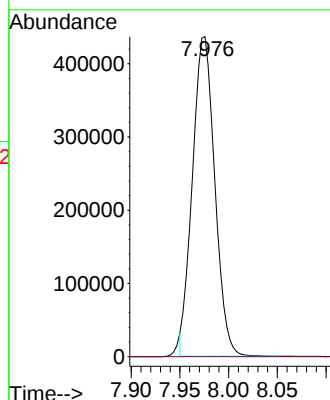
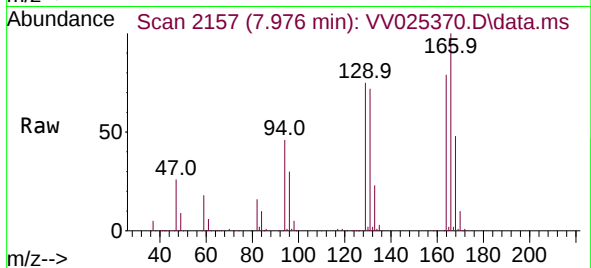
C0B31

Tgt Ion:129 Resp: 695687

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#51

Chlorobenzene

Concen: 0.056 ug/L

RT: 8.889 min Scan# 2441

Delta R.T. 0.010 min

Lab File: VV025370.D

Acq: 06 Apr 2022 17:45

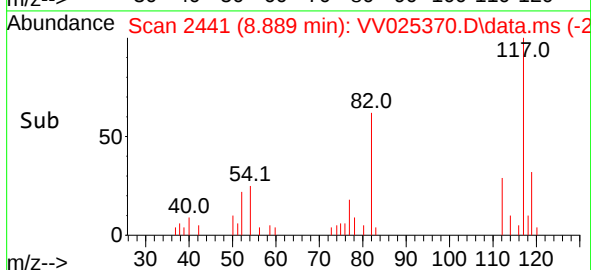
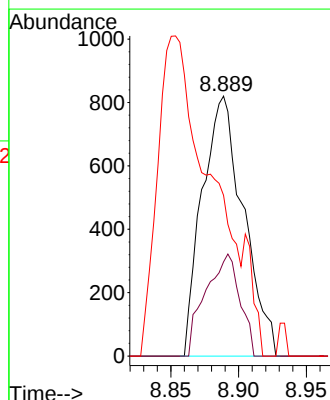
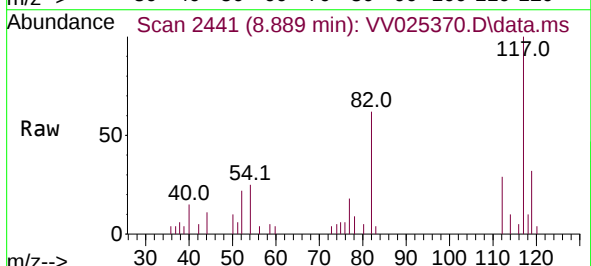
Tgt Ion:112 Resp: 1737

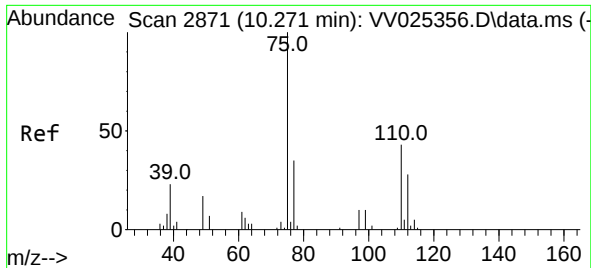
Ion Ratio Lower Upper

112 100

114 36.2 21.9 40.7

77 61.8 44.2 66.4





#61
 1,2,3-Trichloropropane
 Concen: 1.601 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV025370.D
 Acq: 06 Apr 2022 17:45

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B31

Tgt Ion: 75 Resp: 8568
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.8 38.6
 110 2.5 31.6 47.4#

