

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025369.D
 Acq On : 06 Apr 2022 17:22
 Operator : SY/MD
 Sample : N2291-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

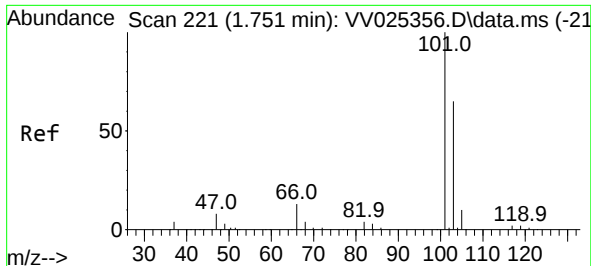
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B30

Quant Time: Apr 07 01:28:19 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	157354	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	150750	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56186	3.823	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.568	69	58034	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	89938	2.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.400%#
20) 2-Butanone-d5	3.883	46	92462	63.152	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.300%
24) Chloroform-d	4.352	84	99568	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.034	65	45048	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.050	84	194780	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.069	67	59824	5.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.000%
41) Toluene-d8	7.317	98	168523	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.625	79	16515	4.736	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.088	63	77308	61.388	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38770	5.440	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	62242	5.626	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	361701	12.923	ug/L	99
18) trans-1,2-Dichloroethene	2.774	96	391	0.034	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	24506	2.121	ug/L	96
25) Chloroform	4.378	83	3321	0.158	ug/L	81
31) Carbon tetrachloride	4.831	117	5115	0.324	ug/L	93
34) Trichloroethene	5.915	95	81543	6.716	ug/L	96
35) Methylcyclohexane	6.069	83	15793	0.830	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6757	0.659	ug/L #	84
45) 1,1,2-Trichloroethane	7.851	97	1145	0.163	ug/L	86
47) Tetrachloroethene	7.973	164	349864	39.076	ug/L	96
49) Dibromochloromethane	7.973	129	327258	43.302	ug/L #	11
51) Chlorobenzene	8.889	112	1575	0.052	ug/L	89
61) 1,2,3-Trichloropropane	11.246	75	8071	1.549	ug/L #	64

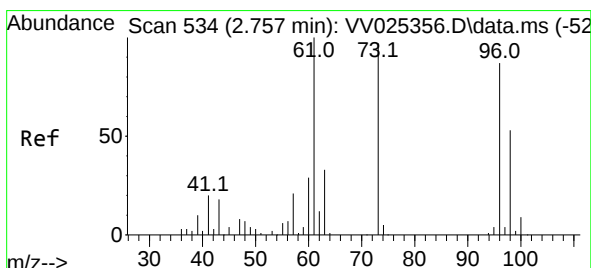
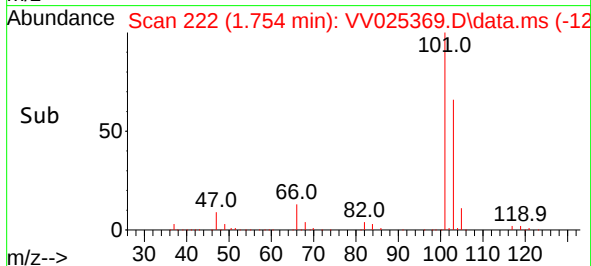
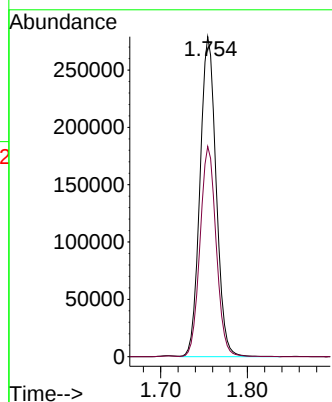
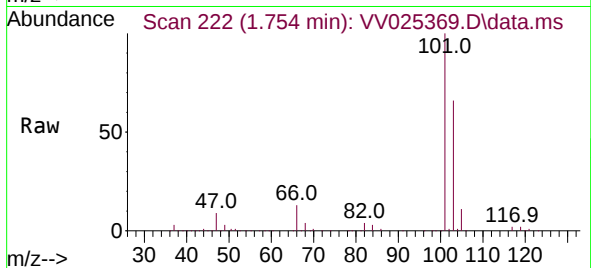
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
Trichlorofluoromethane
Concen: 12.923 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.004 min
Lab File: VV025369.D
Acq: 06 Apr 2022 17:22

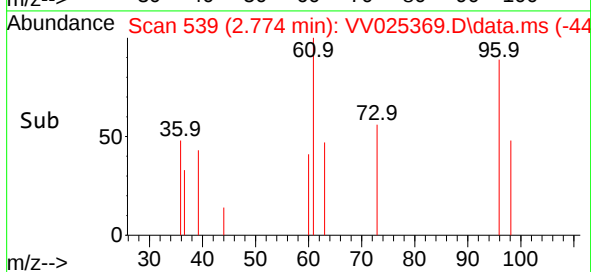
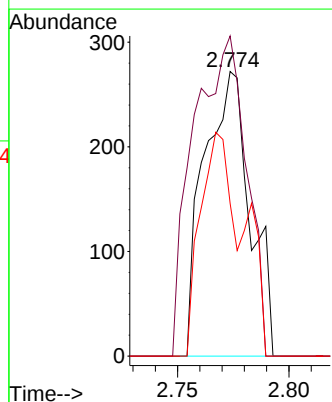
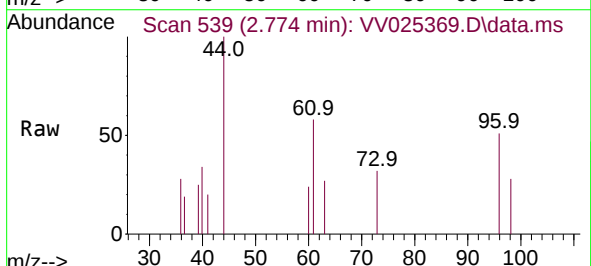
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MSVOA_V
ClientSampleId :
C0B30

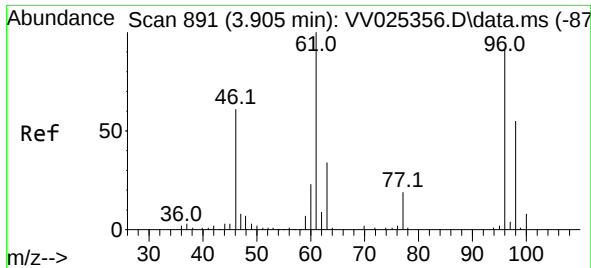
Tgt Ion:101 Resp: 361701
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.2



#18
trans-1,2-Dichloroethene
Concen: 0.034 ug/L
RT: 2.774 min Scan# 539
Delta R.T. 0.016 min
Lab File: VV025369.D
Acq: 06 Apr 2022 17:22

Tgt Ion: 96 Resp: 391
Ion Ratio Lower Upper
96 100
61 112.5 87.6 162.8
98 53.7 44.0 81.8

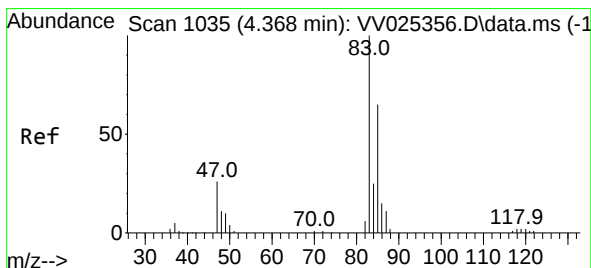
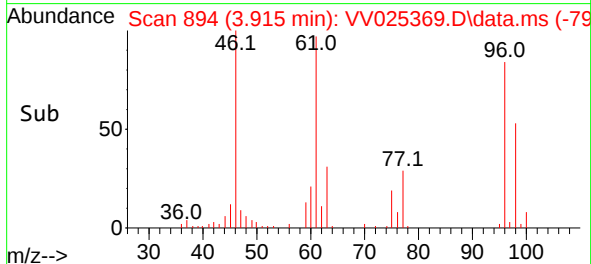
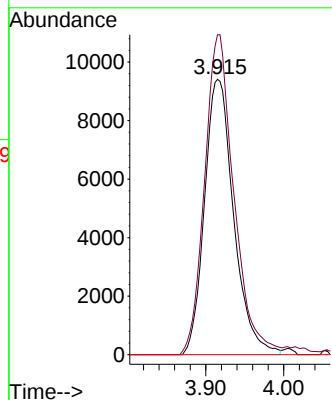
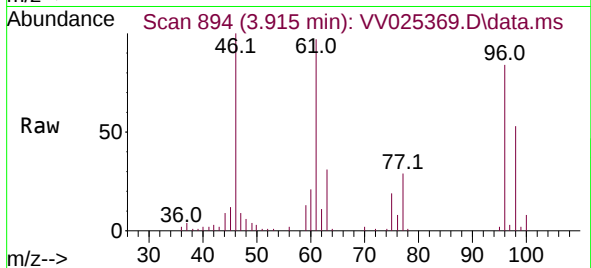




#22
cis-1,2-Dichloroethene
Concen: 2.121 ug/L
RT: 3.915 min Scan# 891
Delta R.T. 0.010 min
Lab File: VV025369.D
Acq: 06 Apr 2022 17:22

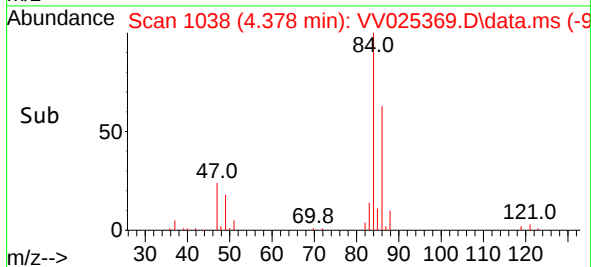
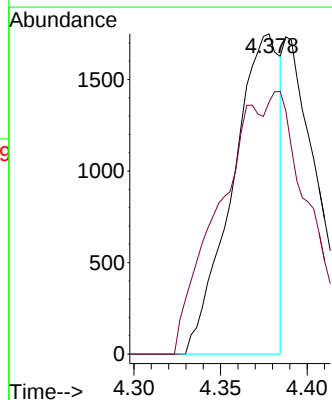
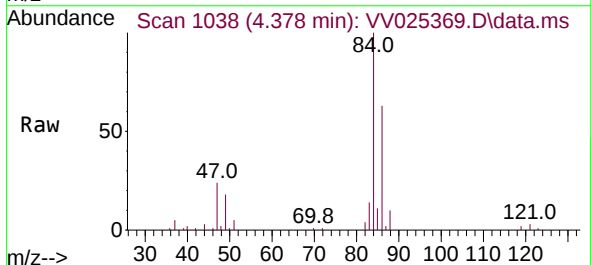
Instrument :
MSVOA_V
ClientSampleId :
C0B30

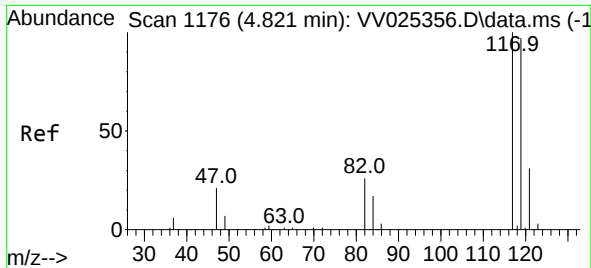
Tgt Ion: 96 Resp: 24506
Ion Ratio Lower Upper
96 100
61 116.2 84.1 156.1
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.158 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV025369.D
Acq: 06 Apr 2022 17:22

Tgt Ion: 83 Resp: 3321
Ion Ratio Lower Upper
83 100
85 78.7 44.7 82.9

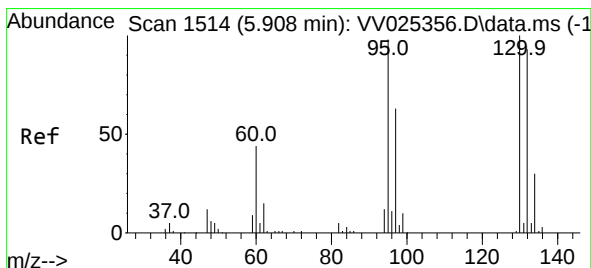
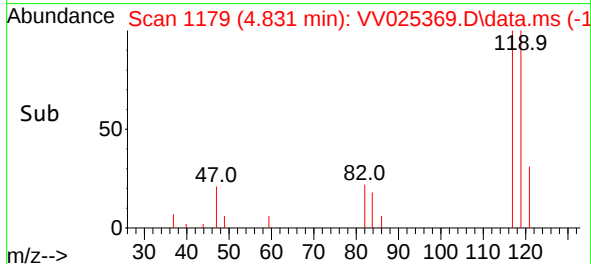
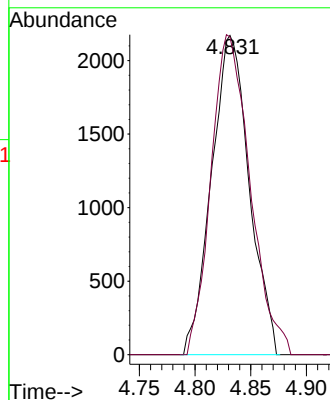
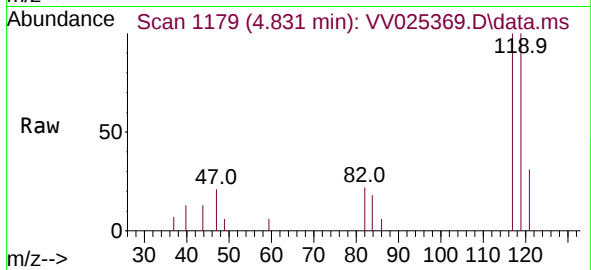




#31
Carbon tetrachloride
Concen: 0.324 ug/L
RT: 4.831 min Scan# 1176
Delta R.T. 0.010 min
Lab File: VV025369.D
Acq: 06 Apr 2022 17:22

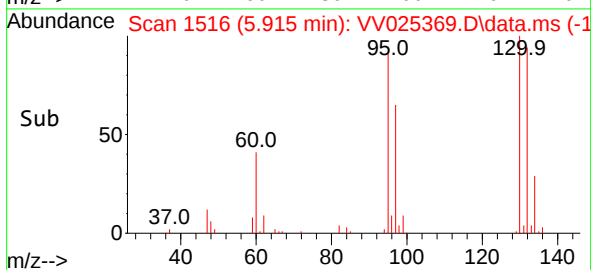
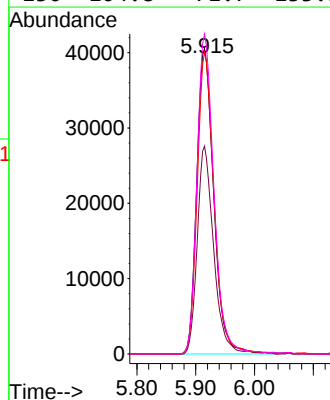
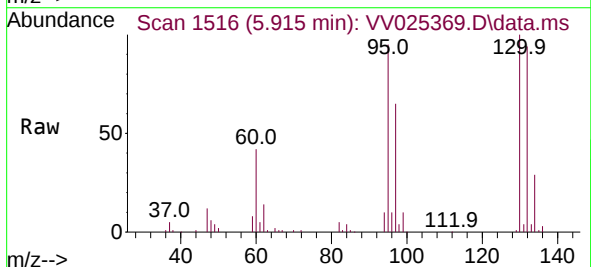
Instrument :
MSVOA_V
ClientSampleId :
C0B30

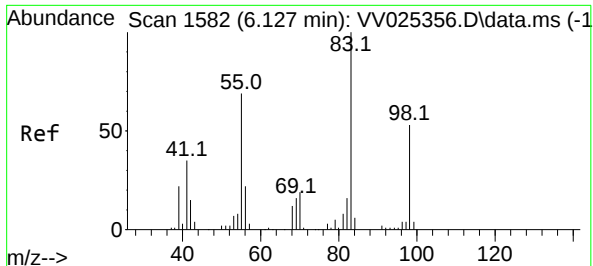
Tgt Ion:117 Resp: 5115
Ion Ratio Lower Upper
117 100
119 103.9 77.8 116.6



#34
Trichloroethene
Concen: 6.716 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV025369.D
Acq: 06 Apr 2022 17:22

Tgt Ion: 95 Resp: 81543
Ion Ratio Lower Upper
95 100
97 68.1 46.3 85.9
132 98.9 65.2 121.2
130 104.8 71.7 133.1





#35

Methylcyclohexane

Concen: 0.830 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025369.D

Acq: 06 Apr 2022 17:22

Instrument :

MSVOA_V

ClientSampleId :

C0B30

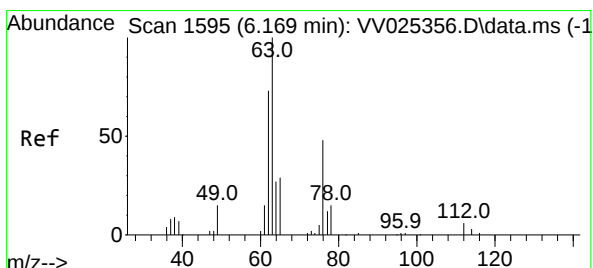
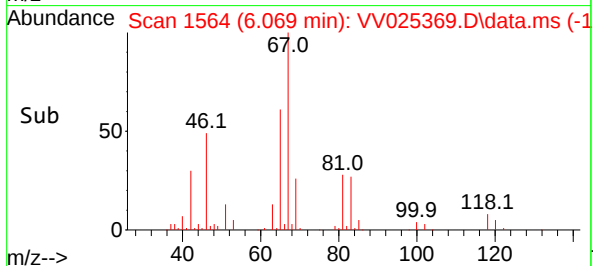
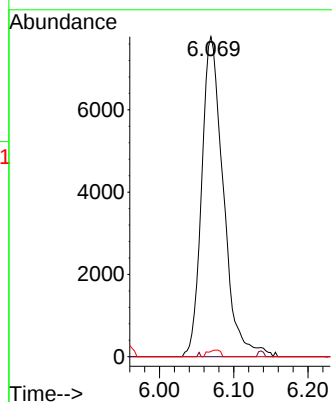
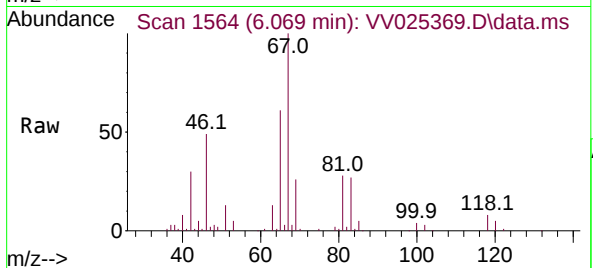
Tgt Ion: 83 Resp: 15793

Ion Ratio Lower Upper

83 100

55 0.1 54.6 81.8#

98 1.2 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 0.659 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.099 min

Lab File: VV025369.D

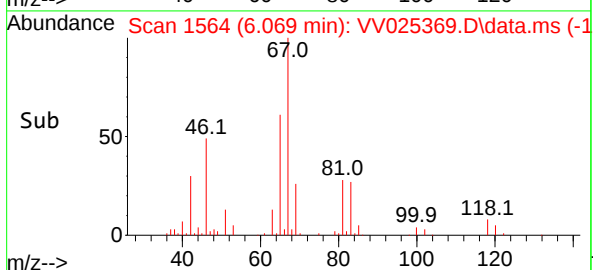
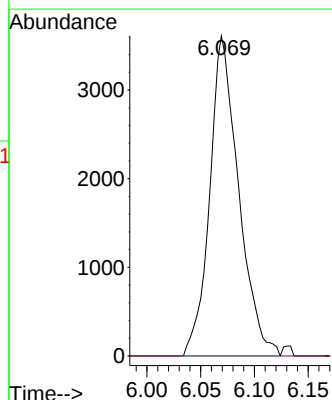
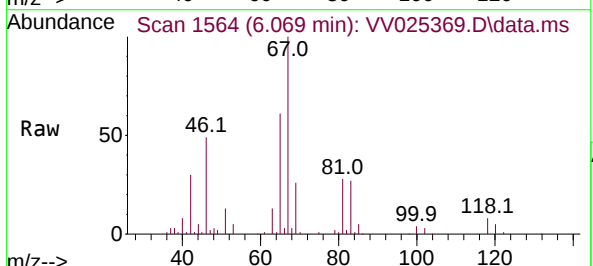
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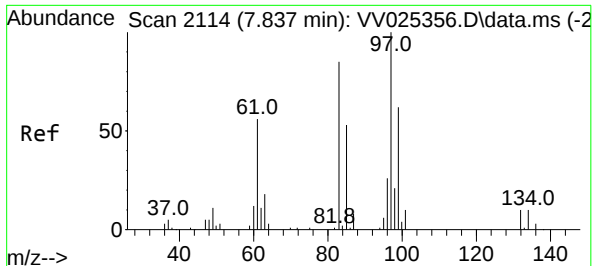
Tgt Ion: 63 Resp: 6757

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#





#45

1,1,2-Trichloroethane

Concen: 0.163 ug/L

RT: 7.851 min Scan# 2118

Delta R.T. 0.013 min

Lab File: VV025369.D

Acq: 06 Apr 2022 17:22

Instrument :

MSVOA_V

ClientSampleId :

C0B30

Tgt Ion: 97 Resp: 1145

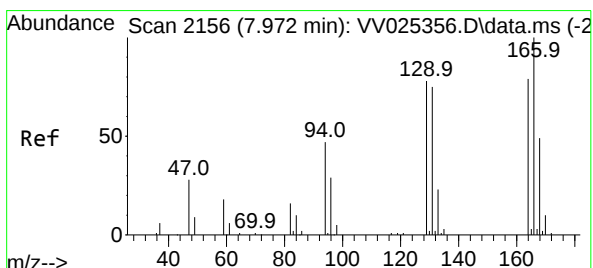
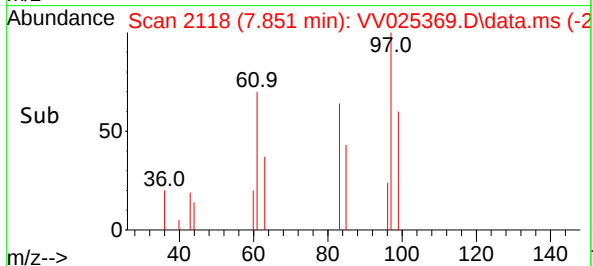
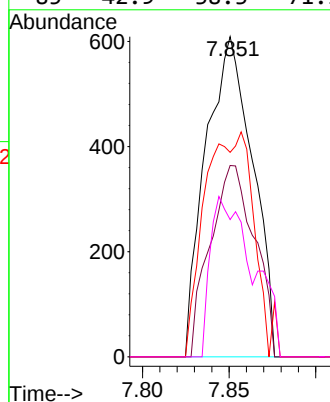
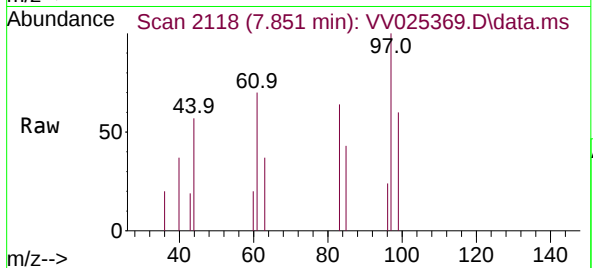
Ion Ratio Lower Upper

97 100

99 59.8 43.3 80.5

83 63.9 58.0 107.6

85 42.9 38.3 71.1



#47

Tetrachloroethene

Concen: 39.076 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV025369.D

Acq: 06 Apr 2022 17:22

Tgt Ion: 164 Resp: 349864

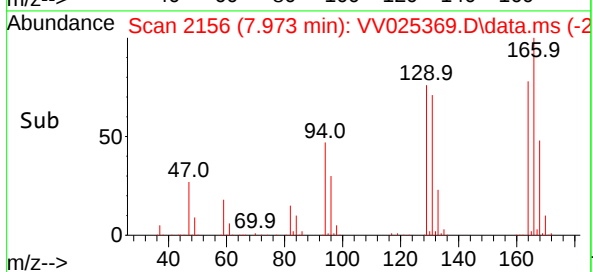
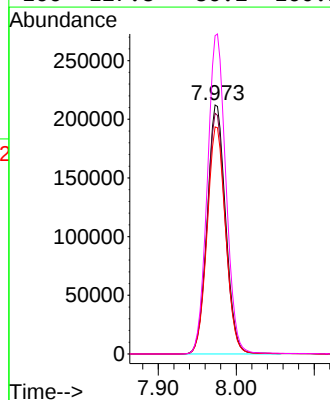
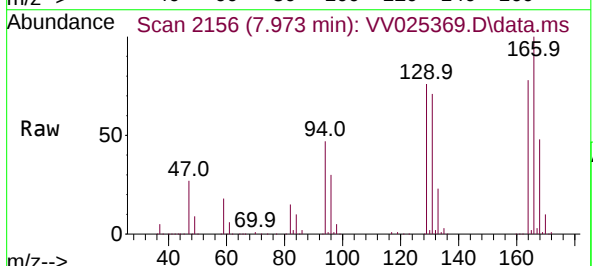
Ion Ratio Lower Upper

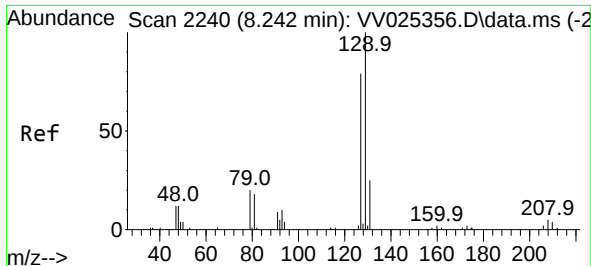
164 100

129 96.7 67.5 125.4

131 91.2 68.0 126.4

166 127.8 86.2 160.2





#49

Dibromochloromethane

Concen: 43.302 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV025369.D

Acq: 06 Apr 2022 17:22

Instrument :

MSVOA_V

ClientSampleId :

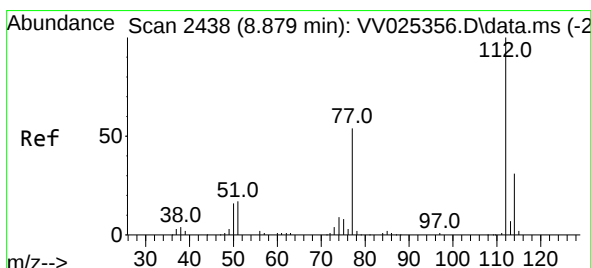
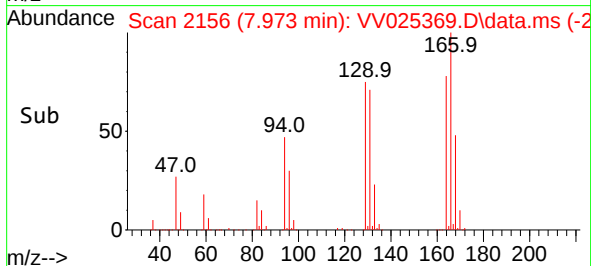
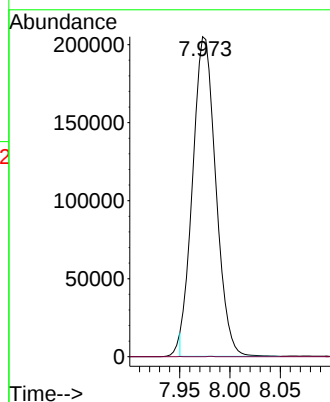
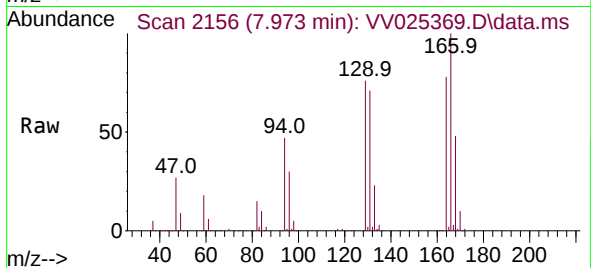
C0B30

Tgt Ion:129 Resp: 327258

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#51

Chlorobenzene

Concen: 0.052 ug/L

RT: 8.889 min Scan# 2441

Delta R.T. 0.010 min

Lab File: VV025369.D

Acq: 06 Apr 2022 17:22

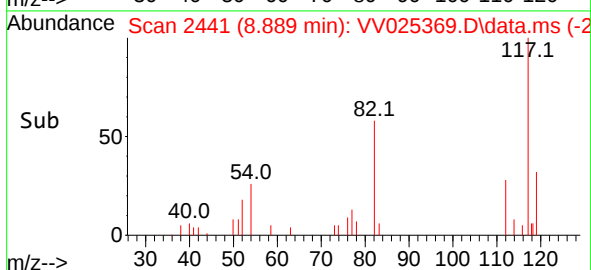
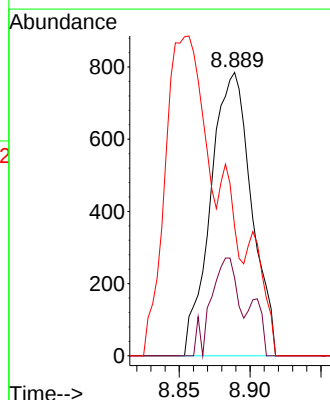
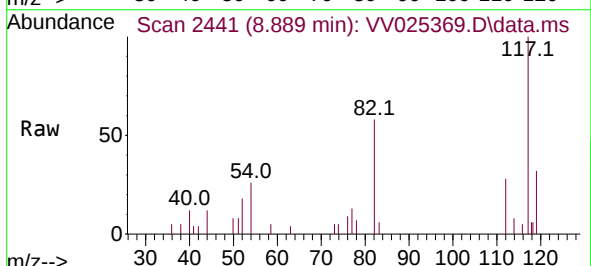
Tgt Ion:112 Resp: 1575

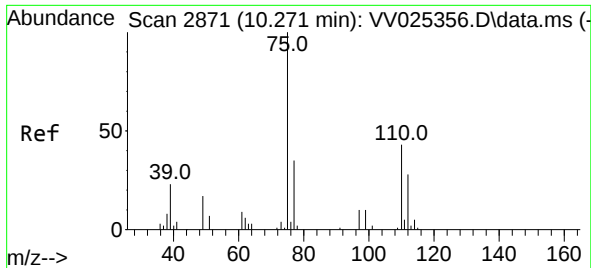
Ion Ratio Lower Upper

112 100

114 27.5 21.9 40.7

77 45.6 44.2 66.4





#61

1,2,3-Trichloropropane

Concen: 1.549 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV025369.D

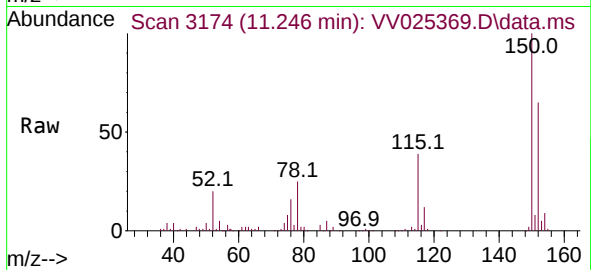
Acq: 06 Apr 2022 17:22

Instrument :

MSVOA_V

ClientSampleId :

C0B30



Tgt Ion: 75 Resp: 8071

Ion Ratio Lower Upper

75 100

77 35.0 25.8 38.6

110 2.0 31.6 47.4#

