

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025368.D
 Acq On : 06 Apr 2022 16:59
 Operator : SY/MD
 Sample : N2291-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B29

Quant Time: Apr 07 01:28:05 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)

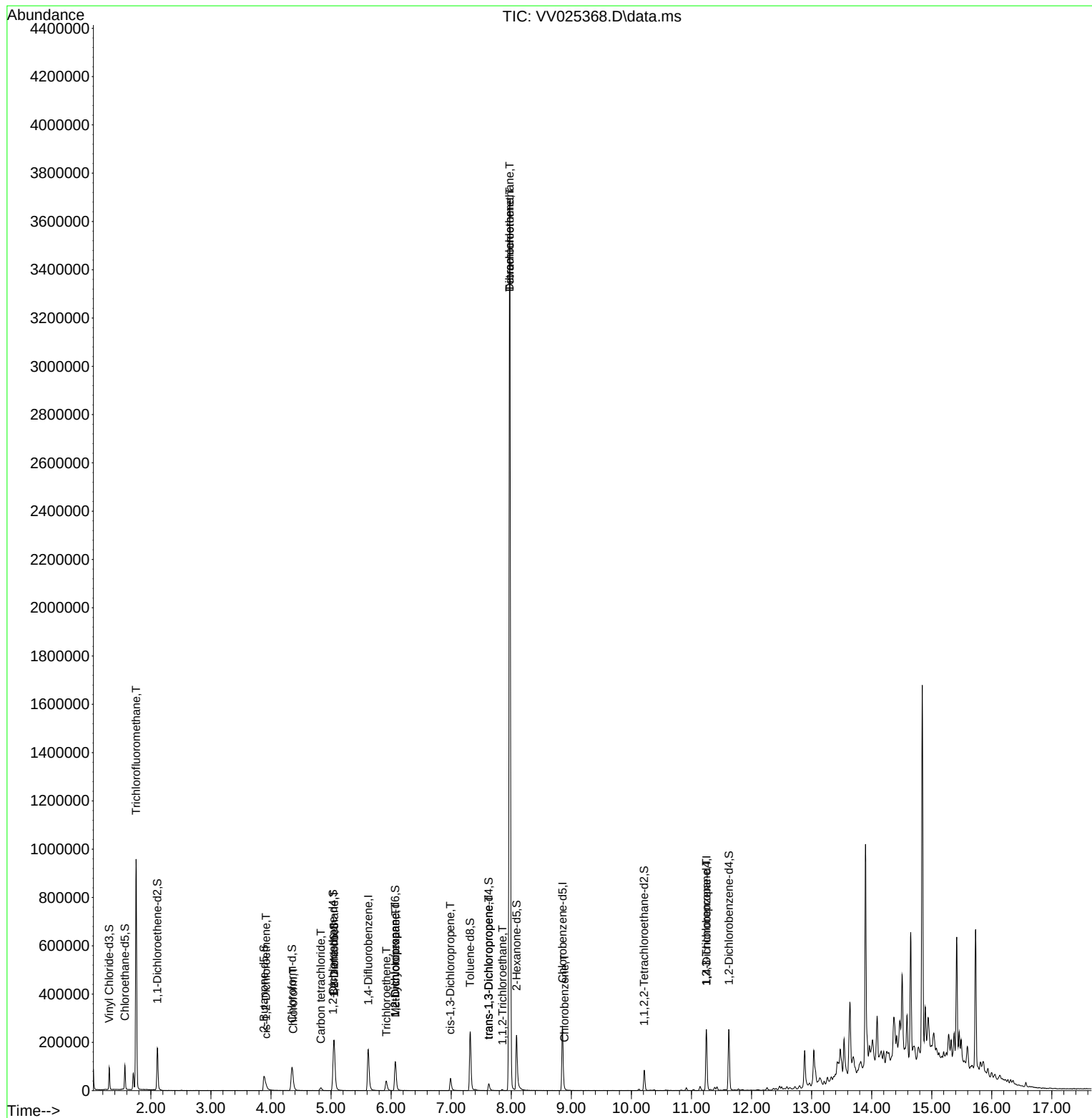
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154632	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	149334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57189	3.959	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.568	69	60566	4.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.108	63	90831	2.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.883	46	93762	65.168	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.340%#
24) Chloroform-d	4.349	84	99723	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.034	65	46902	5.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.050	84	194396	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.069	67	59052	5.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.600%
41) Toluene-d8	7.317	98	163449	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.625	79	17465	5.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.088	63	81745	65.527	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.060%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39522	5.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	62878	5.813	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	540101	19.636	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	3574	0.315	ug/L	86
25) Chloroform	4.371	83	7079	0.342	ug/L	88
27) 1,2-Dichloroethane	5.053	62	1166	0.109	ug/L #	73
31) Carbon tetrachloride	4.831	117	8437	0.540	ug/L	96
34) Trichloroethene	5.921	95	13936	1.159	ug/L	97
35) Methylcyclohexane	6.072	83	13842	0.734	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6725	0.662	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1481	0.112	ug/L	89
44) trans-1,3-Dichloropropene	7.625	75	979	0.095	ug/L	99
45) 1,1,2-Trichloroethane	7.854	97	1258	0.181	ug/L	92
47) Tetrachloroethene	7.976	164	788083	88.856	ug/L	96
49) Dibromochloromethane	7.973	129	728209	97.269	ug/L #	11
51) Chlorobenzene	8.886	112	2162	0.072	ug/L	90
61) 1,2,3-Trichloropropane	11.246	75	8128	1.595	ug/L #	66

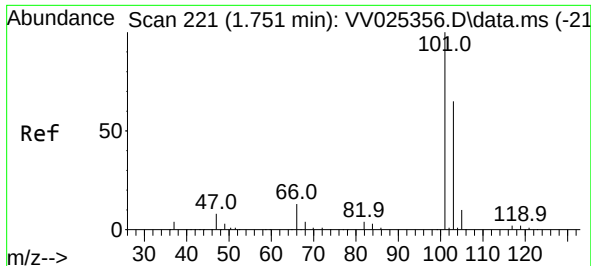
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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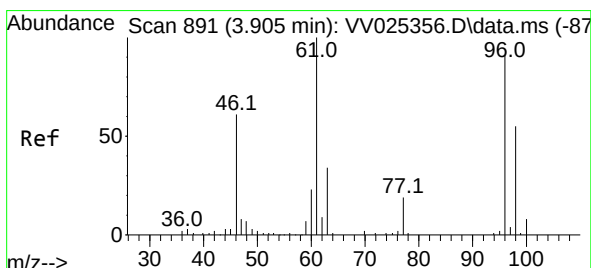
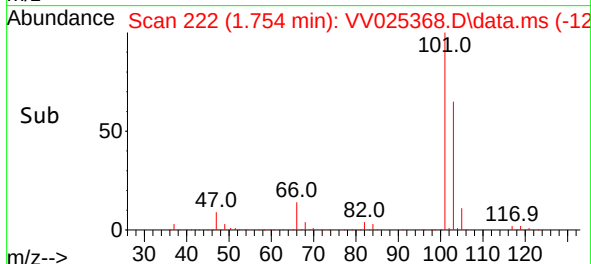
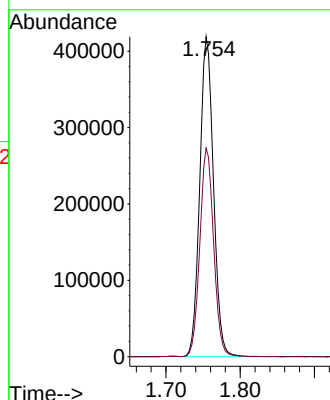
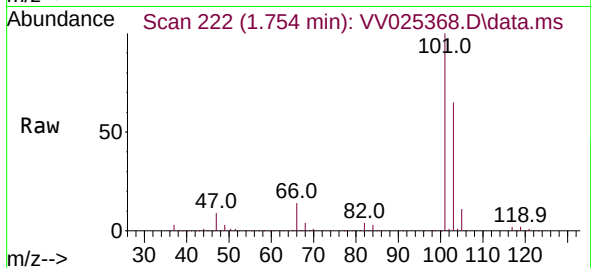




#9
 Trichlorofluoromethane
 Concen: 19.636 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025368.D
 Acq: 06 Apr 2022 16:59

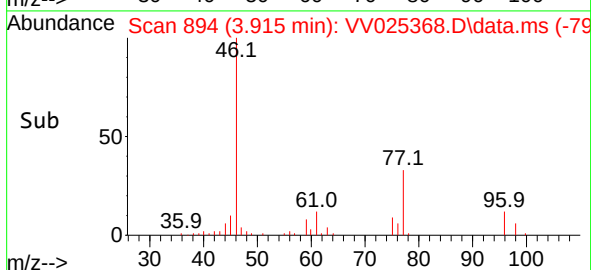
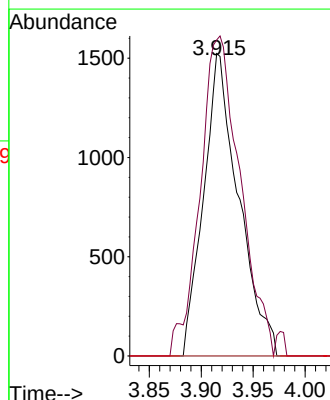
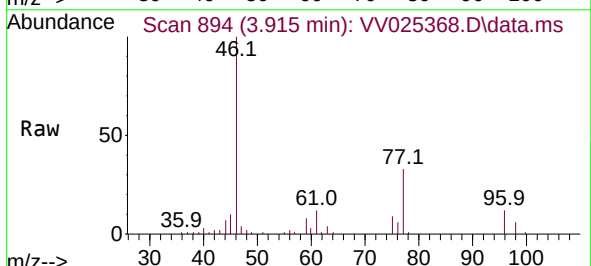
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B29

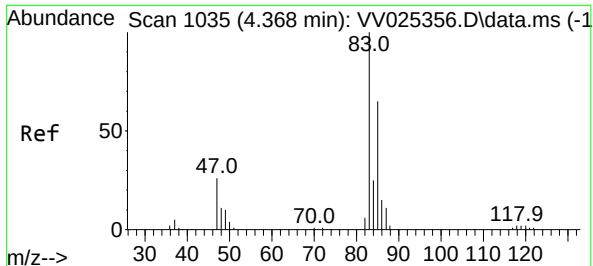
Tgt Ion:101 Resp: 540101
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2



#22
 cis-1,2-Dichloroethene
 Concen: 0.315 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.010 min
 Lab File: VV025368.D
 Acq: 06 Apr 2022 16:59

Tgt Ion: 96 Resp: 3574
 Ion Ratio Lower Upper
 96 100
 61 104.5 84.1 156.1
 68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.342 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV025368.D

Acq: 06 Apr 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

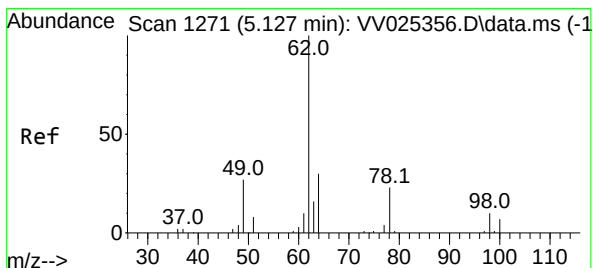
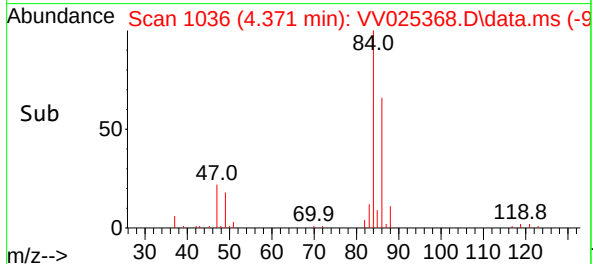
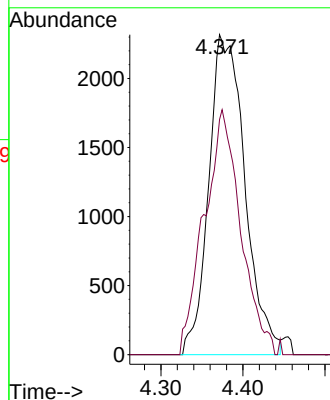
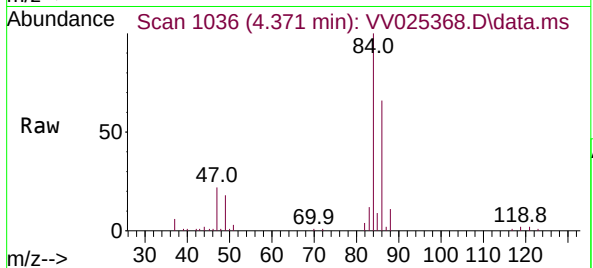
C0B29

Tgt Ion: 83 Resp: 7079

Ion Ratio Lower Upper

83 100

85 73.5 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.109 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV025368.D

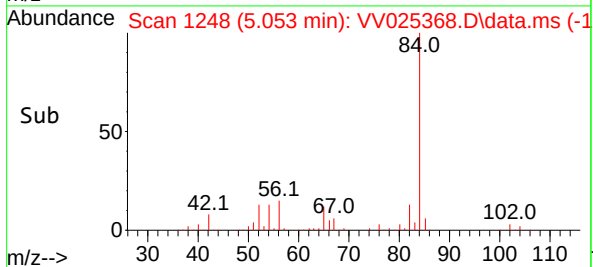
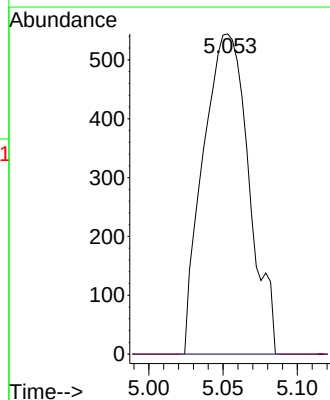
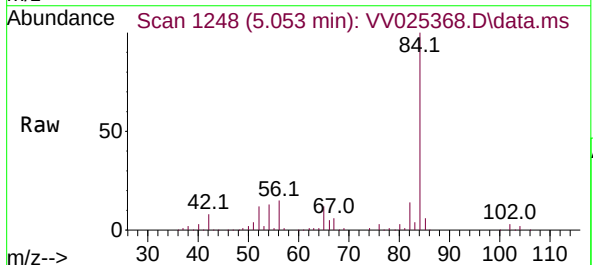
Acq: 06 Apr 2022 16:59

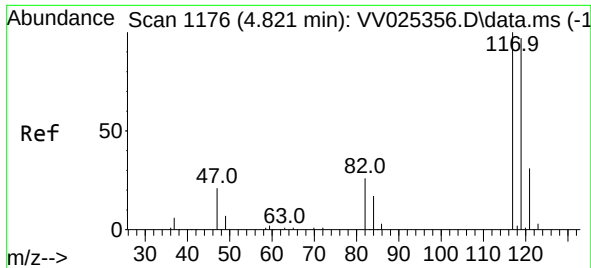
Tgt Ion: 62 Resp: 1166

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#

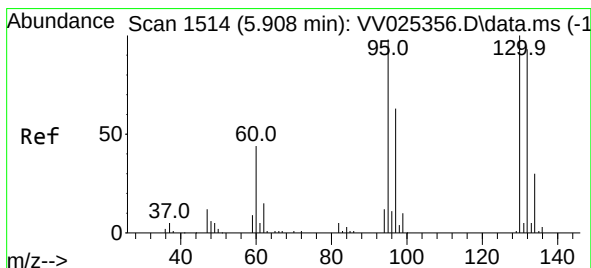
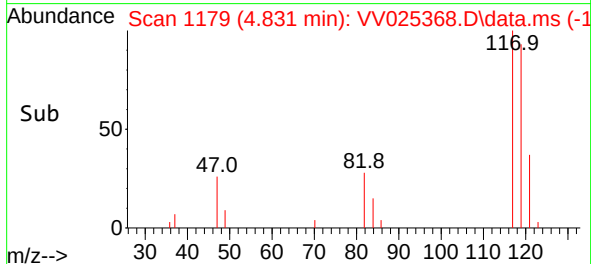
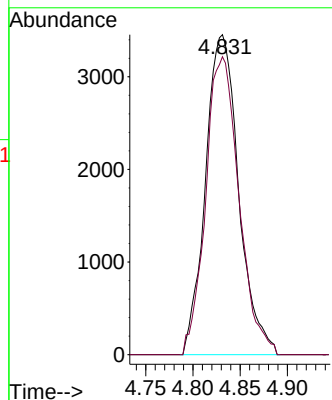
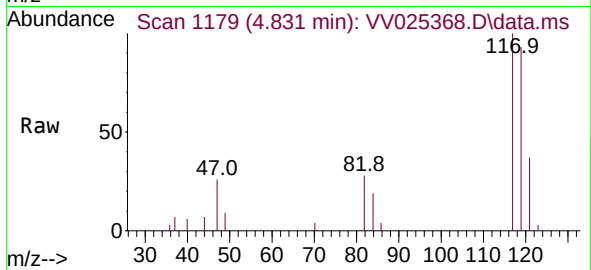




#31
Carbon tetrachloride
Concen: 0.540 ug/L
RT: 4.831 min Scan# 1176
Delta R.T. 0.010 min
Lab File: VV025368.D
Acq: 06 Apr 2022 16:59

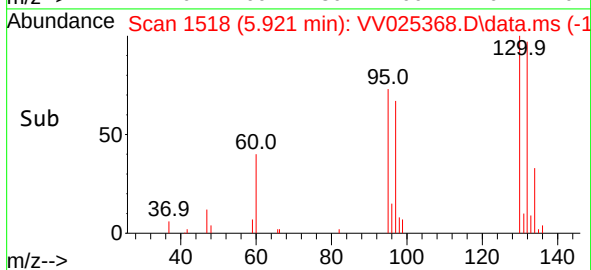
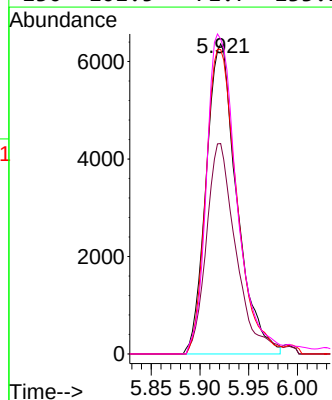
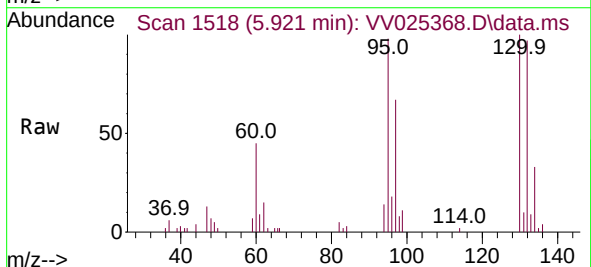
Instrument :
MSVOA_V
ClientSampleId :
C0B29

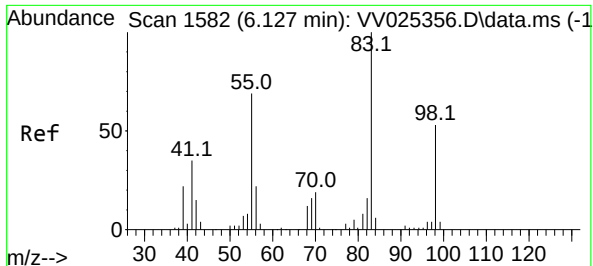
Tgt Ion:117 Resp: 8437
Ion Ratio Lower Upper
117 100
119 93.2 77.8 116.6



#34
Trichloroethene
Concen: 1.159 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV025368.D
Acq: 06 Apr 2022 16:59

Tgt Ion: 95 Resp: 13936
Ion Ratio Lower Upper
95 100
97 67.8 46.3 85.9
132 98.2 65.2 121.2
130 101.5 71.7 133.1





#35

Methylcyclohexane

Concen: 0.734 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025368.D

Acq: 06 Apr 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

C0B29

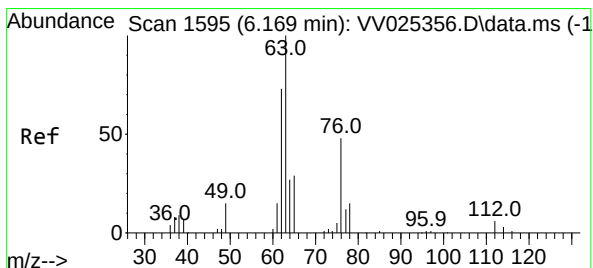
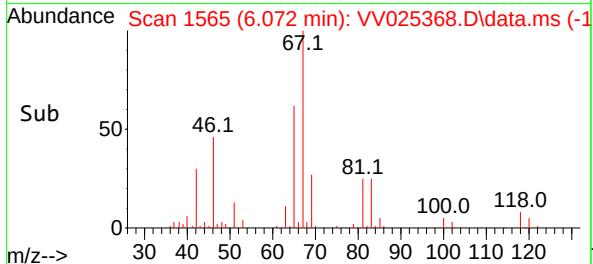
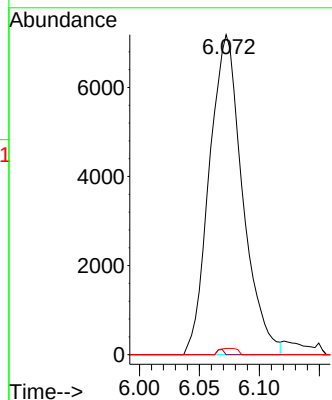
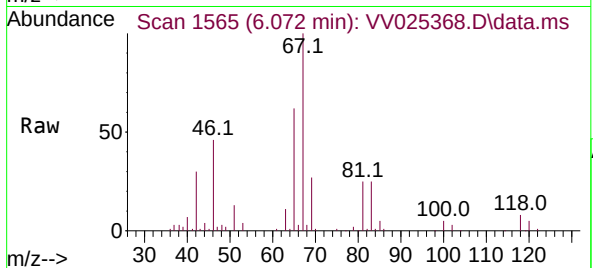
Tgt Ion: 83 Resp: 13842

Ion Ratio Lower Upper

83 100

55 0.3 54.6 81.8#

98 1.1 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025368.D

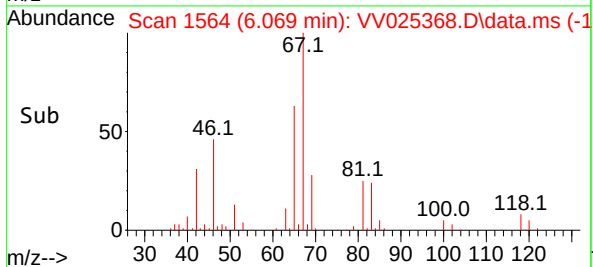
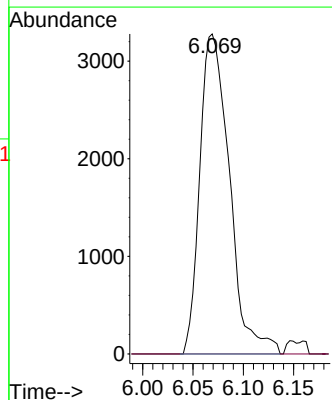
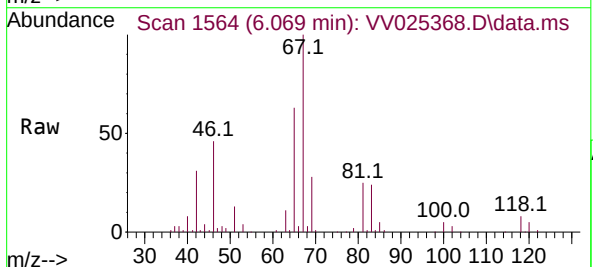
Acq: 06 Apr 2022 16:59

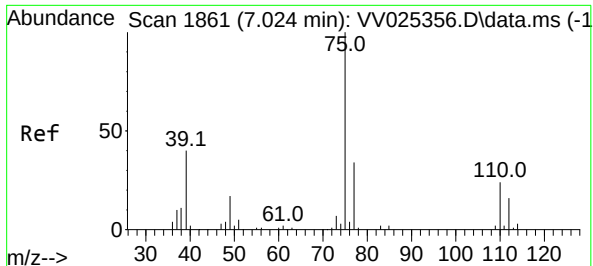
Tgt Ion: 63 Resp: 6725

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV025368.D

Acq: 06 Apr 2022 16:59

Instrument :

MSVOA_V

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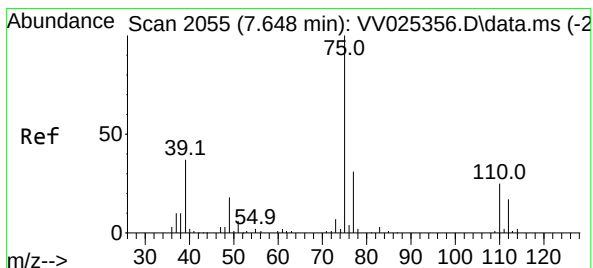
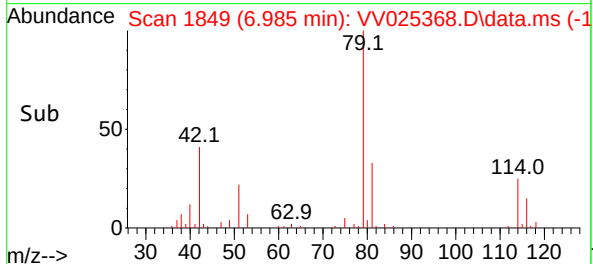
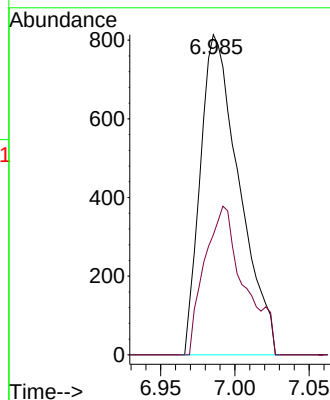
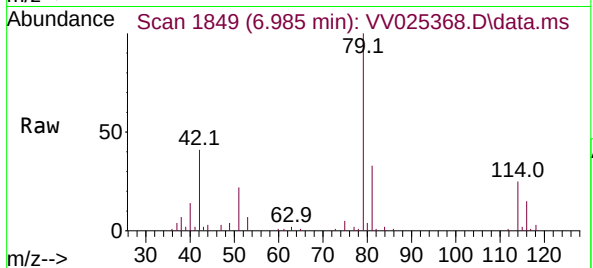
C0B29

Tgt Ion: 75 Resp: 1481

Ion Ratio Lower Upper

75 100

77 37.5 22.1 41.1



#44

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.022 min

Lab File: VV025368.D

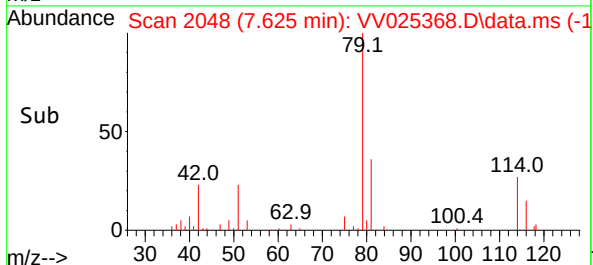
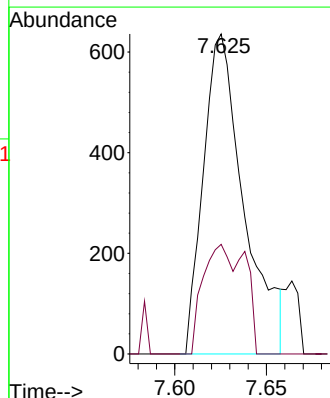
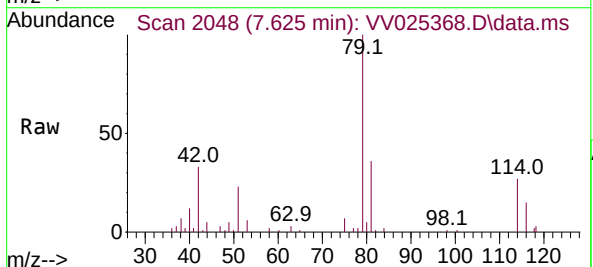
Acq: 06 Apr 2022 16:59

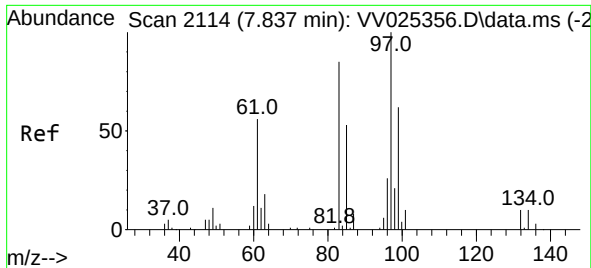
Tgt Ion: 75 Resp: 979

Ion Ratio Lower Upper

75 100

77 34.3 24.2 45.0

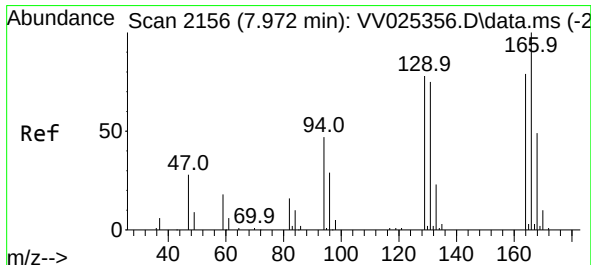
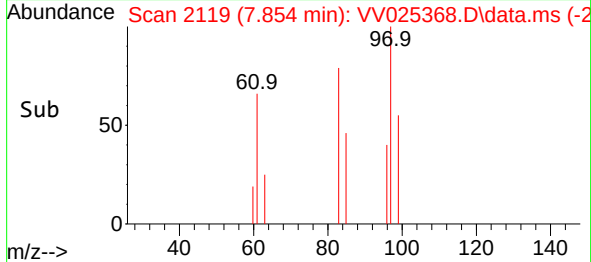
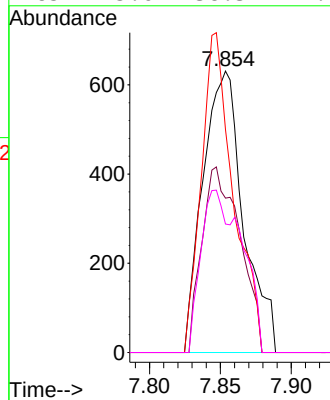
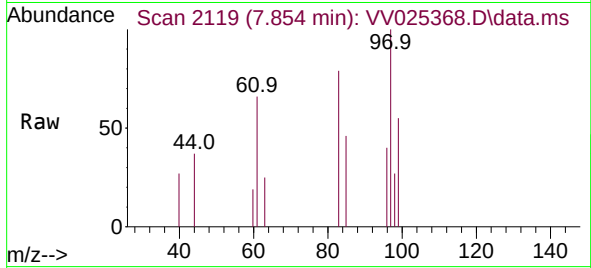




#45
1,1,2-Trichloroethane
Concen: 0.181 ug/L
RT: 7.854 min Scan# 2119
Delta R.T. 0.016 min
Lab File: VV025368.D
Acq: 06 Apr 2022 16:59

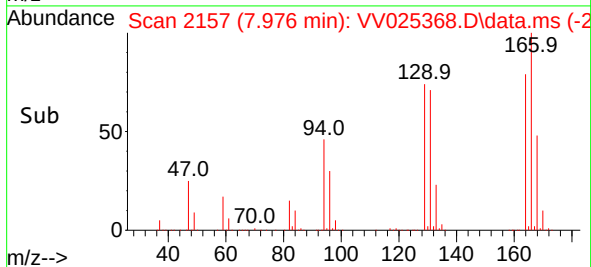
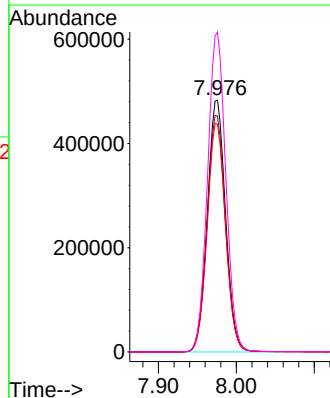
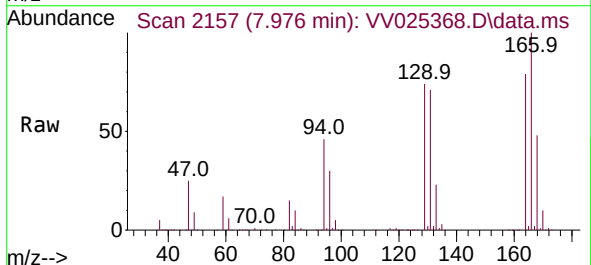
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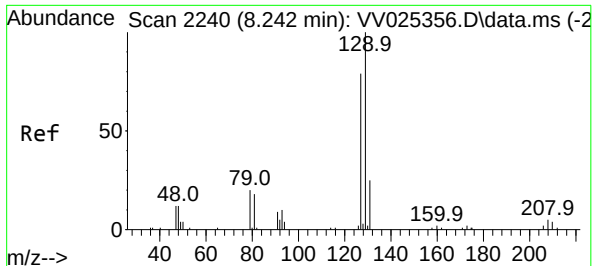
Tgt Ion: 97	Resp: 1258
Ion Ratio	Lower Upper
97 100	
99 54.8	43.3 80.5
83 79.2	58.0 107.6
85 45.6	38.3 71.1



#47
Tetrachloroethene
Concen: 88.856 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025368.D
Acq: 06 Apr 2022 16:59

Tgt	Ion:164	Resp:	788083
Ion	Ratio	Lower	Upper
164	100		
129	93.7	67.5	125.4
131	90.5	68.0	126.4
166	127.1	86.2	160.2





#49

Dibromochloromethane

Concen: 97.269 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV025368.D

Acq: 06 Apr 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

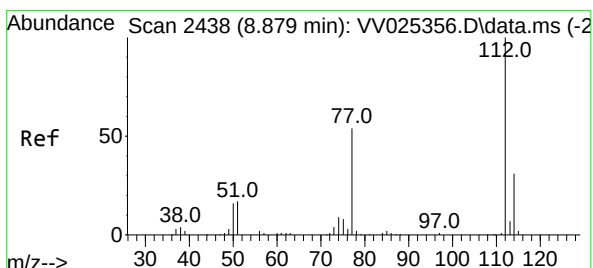
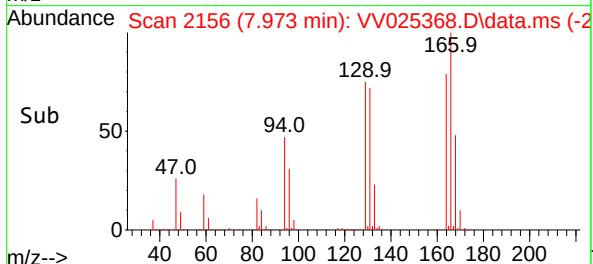
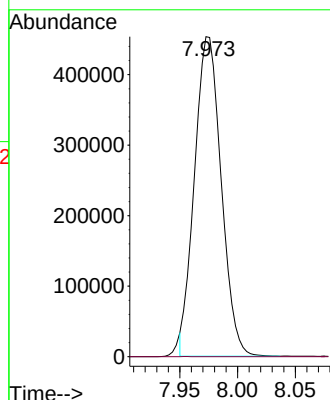
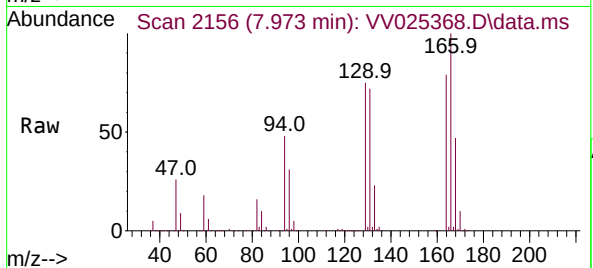
C0B29

Tgt Ion:129 Resp: 728209

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#51

Chlorobenzene

Concen: 0.072 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.007 min

Lab File: VV025368.D

Acq: 06 Apr 2022 16:59

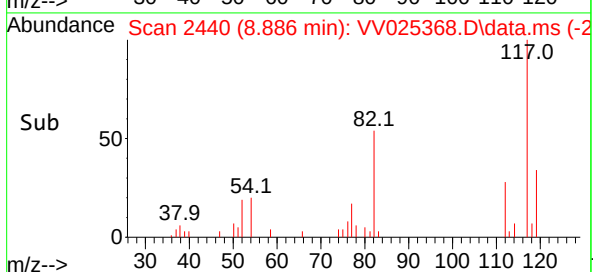
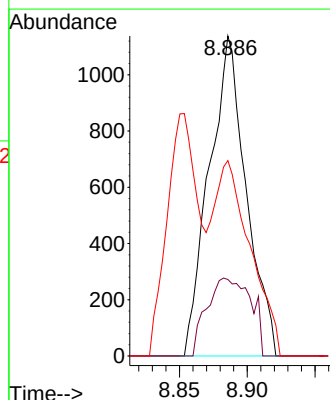
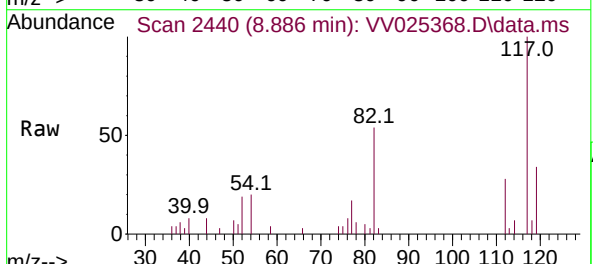
Tgt Ion:112 Resp: 2162

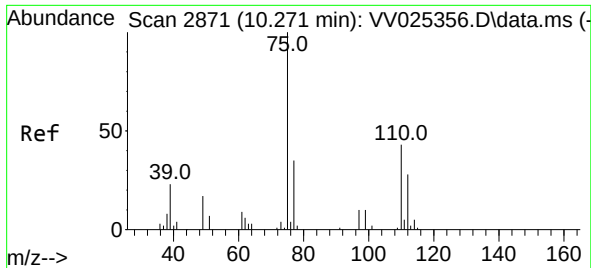
Ion Ratio Lower Upper

112 100

114 23.9 21.9 40.7

77 61.1 44.2 66.4





#61

1,2,3-Trichloropropane

Concen: 1.595 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV025368.D

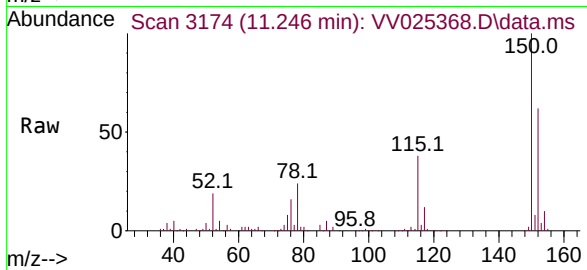
Acq: 06 Apr 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

C0B29



Tgt Ion: 75 Resp: 8128

Ion Ratio Lower Upper

75 100

77 33.9 25.8 38.6

110 3.4 31.6 47.4#

