

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025371.D
 Acq On : 06 Apr 2022 18:09
 Operator : SY/MD
 Sample : N2291-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B32

Quant Time: Apr 07 01:28:48 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)

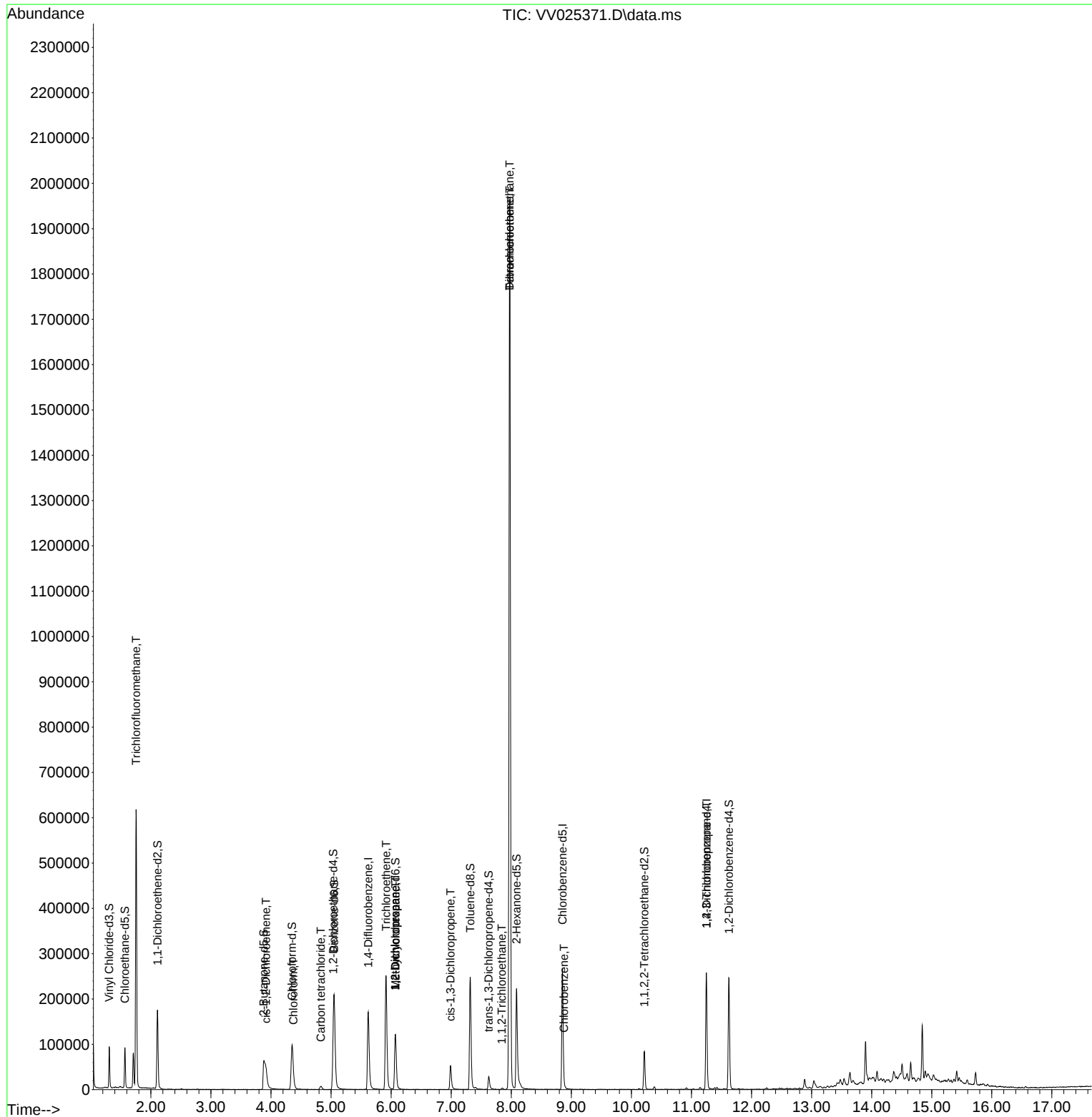
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	155309	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	149891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56562	3.899	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.568	69	56229	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.111	63	91798	2.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.400%#
20) 2-Butanone-d5	3.879	46	92994	64.352	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.700%
24) Chloroform-d	4.352	84	101823	5.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.037	65	45772	5.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.053	84	200418	5.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.072	67	60276	5.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.400%
41) Toluene-d8	7.316	98	167474	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	7.625	79	17721	5.111	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.088	63	79243	63.286	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40889	5.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	63546	5.816	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	351254	12.715	ug/L	100
22) cis-1,2-Dichloroethene	3.918	96	18934	1.661	ug/L	98
25) Chloroform	4.375	83	5966	0.287	ug/L	93
31) Carbon tetrachloride	4.831	117	5482	0.349	ug/L	97
34) Trichloroethene	5.915	95	87821	7.274	ug/L	97
35) Methylcyclohexane	6.072	83	14794	0.782	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6847	0.671	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1396	0.106	ug/L #	21
45) 1,1,2-Trichloroethane	7.844	97	1126	0.161	ug/L	85
47) Tetrachloroethene	7.976	164	427944	48.071	ug/L	96
49) Dibromochloromethane	7.972	129	395834	52.676	ug/L #	11
51) Chlorobenzene	8.879	112	1313	0.043	ug/L	90
61) 1,2,3-Trichloropropane	11.249	75	8258	1.604	ug/L #	66

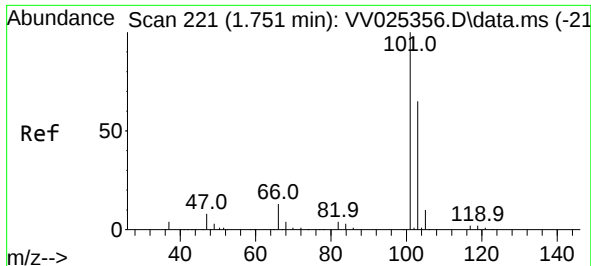
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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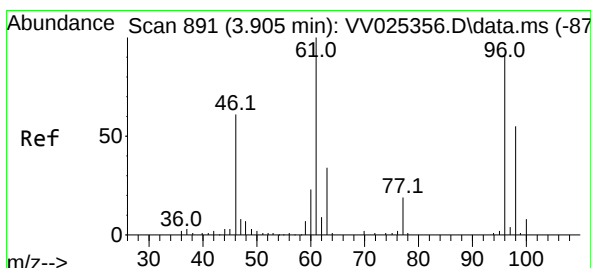
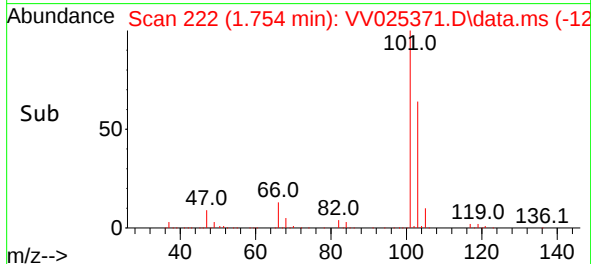
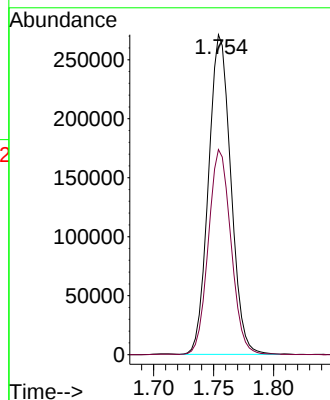
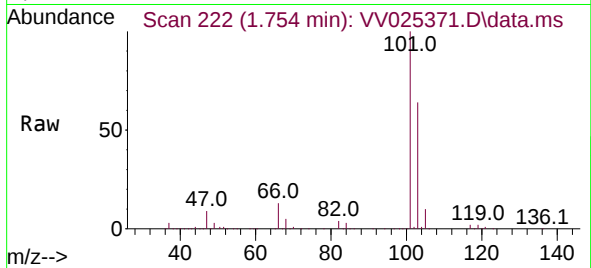




#9
 Trichlorofluoromethane
 Concen: 12.715 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025371.D
 Acq: 06 Apr 2022 18:09

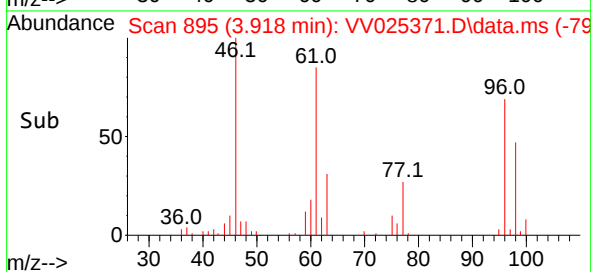
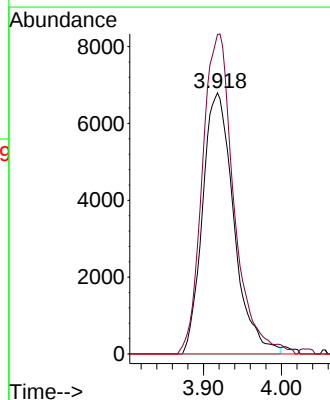
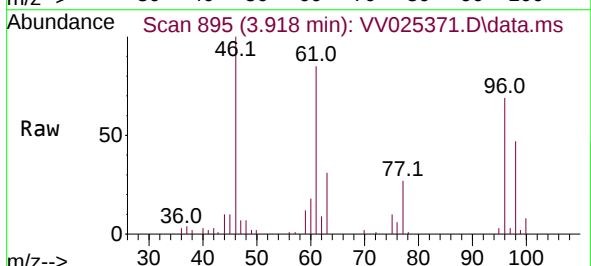
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B32

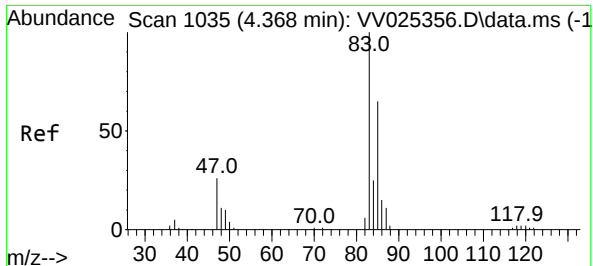
Tgt Ion:101 Resp: 351254
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2



#22
 cis-1,2-Dichloroethene
 Concen: 1.661 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.013 min
 Lab File: VV025371.D
 Acq: 06 Apr 2022 18:09

Tgt Ion: 96 Resp: 18934
 Ion Ratio Lower Upper
 96 100
 61 122.3 84.1 156.1
 68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.287 ug/L

RT: 4.375 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VV025371.D

Acq: 06 Apr 2022 18:09

Instrument :

MSVOA_V

ClientSampleId :

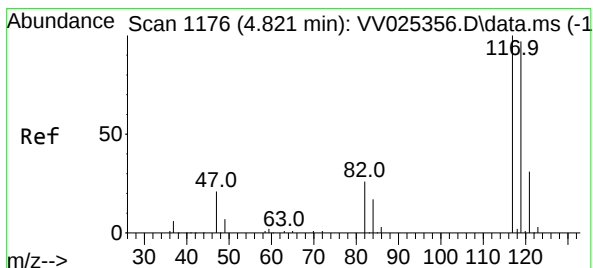
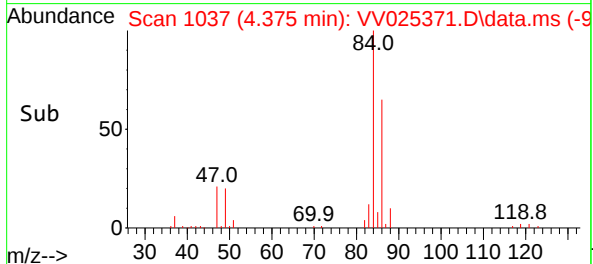
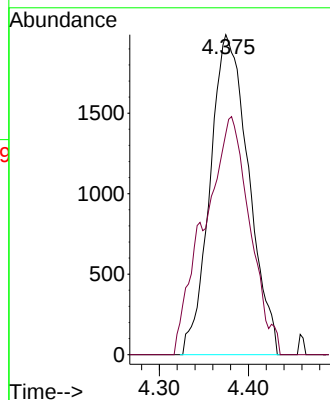
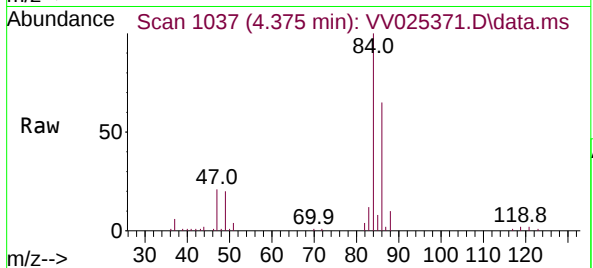
C0B32

Tgt Ion: 83 Resp: 5966

Ion Ratio Lower Upper

83 100

85 69.1 44.7 82.9



#31

Carbon tetrachloride

Concen: 0.349 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.010 min

Lab File: VV025371.D

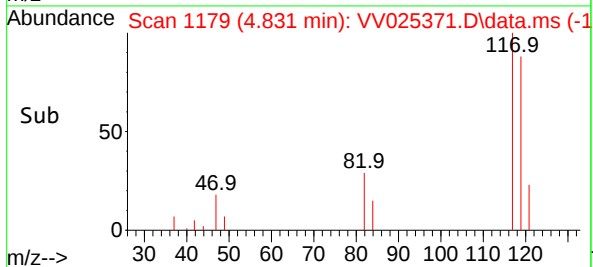
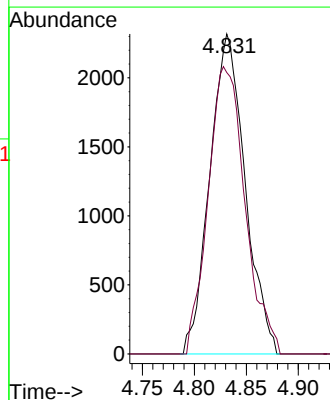
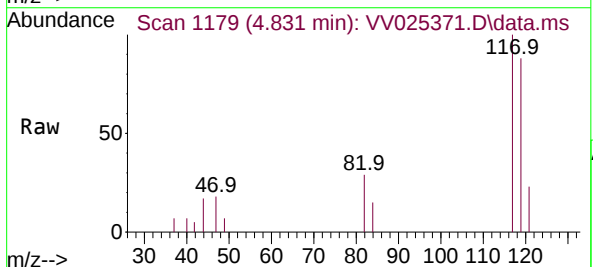
Acq: 06 Apr 2022 18:09

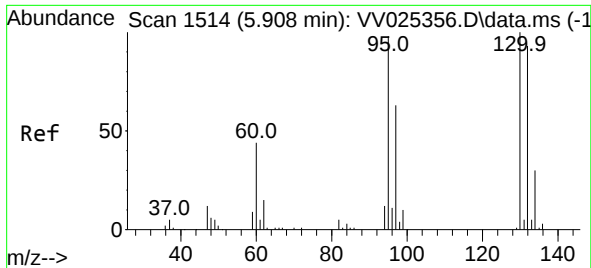
Tgt Ion: 117 Resp: 5482

Ion Ratio Lower Upper

117 100

119 93.9 77.8 116.6

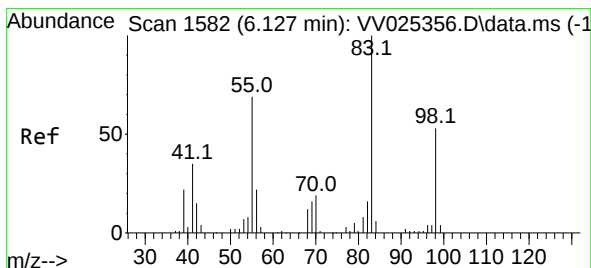
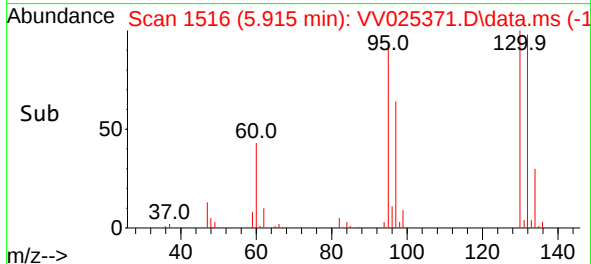
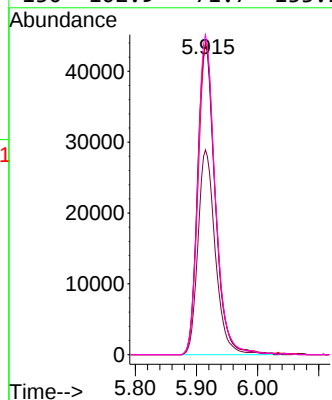
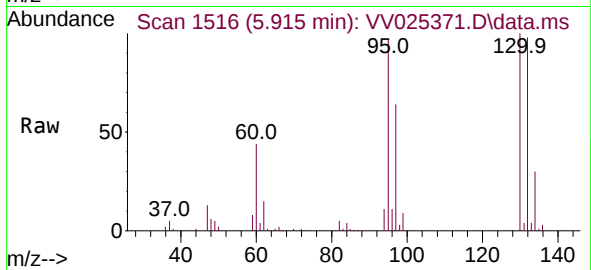




#34
Trichloroethene
Concen: 7.274 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025371.D
Acq: 06 Apr 2022 18:09

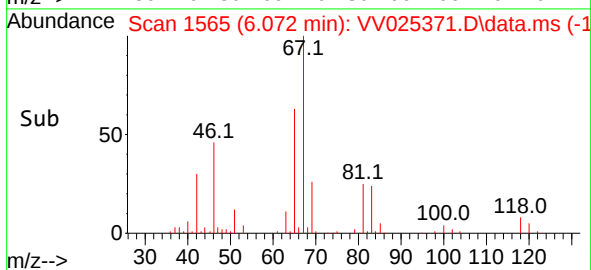
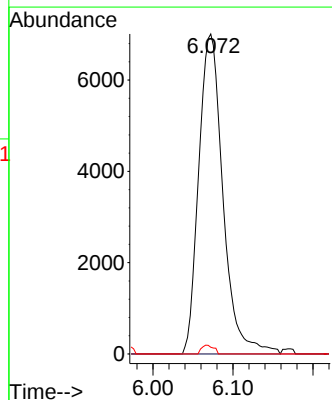
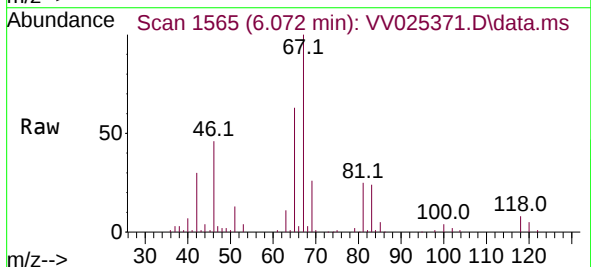
Instrument :
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C0B32

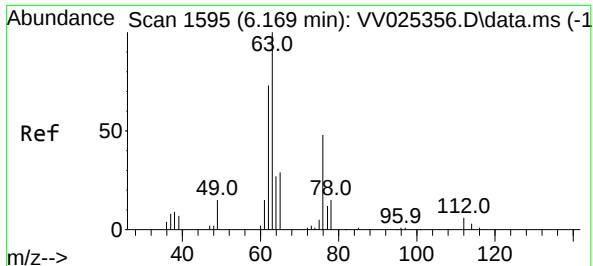
Tgt Ion: 95 Resp: 87821
Ion Ratio Lower Upper
95 100
97 65.8 46.3 85.9
132 100.6 65.2 121.2
130 102.9 71.7 133.1



#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025371.D
Acq: 06 Apr 2022 18:09

Tgt Ion: 83 Resp: 14794
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 1.4 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.671 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025371.D

Acq: 06 Apr 2022 18:09

Instrument :

MSVOA_V

ClientSampleId :

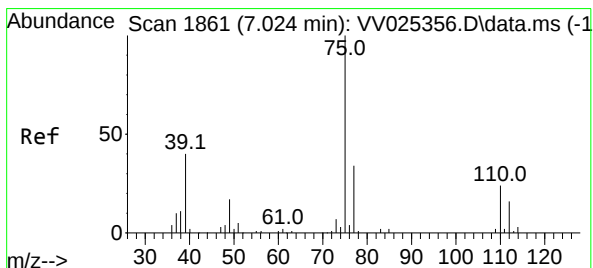
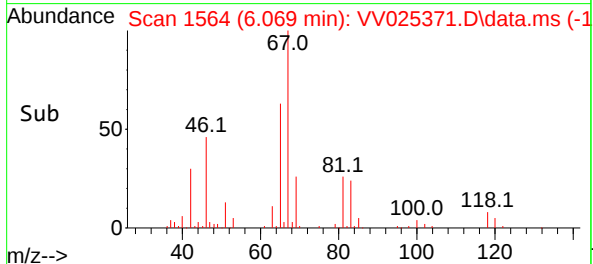
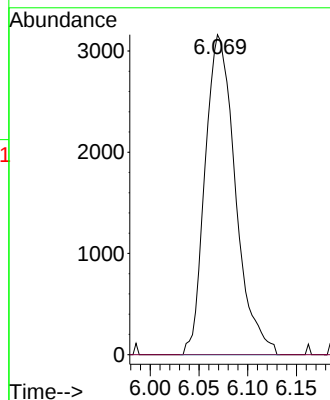
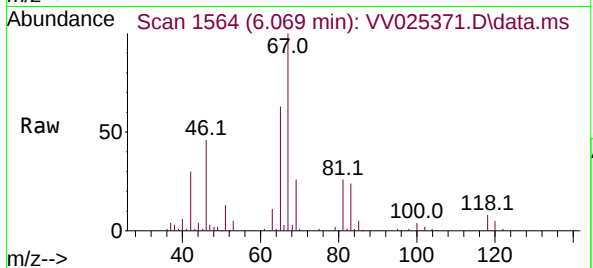
C0B32

Tgt Ion: 63 Resp: 6847

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025371.D

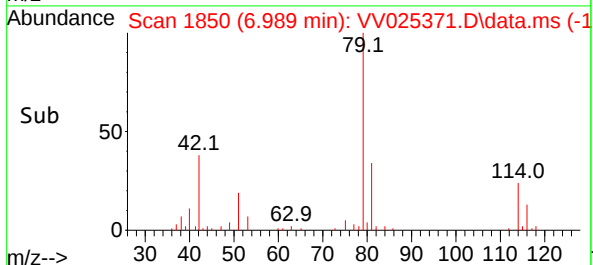
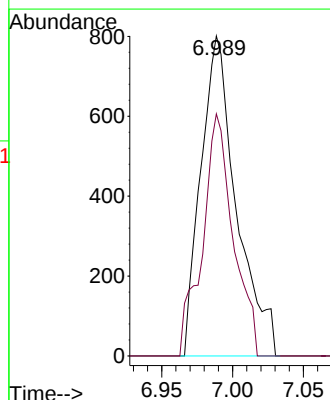
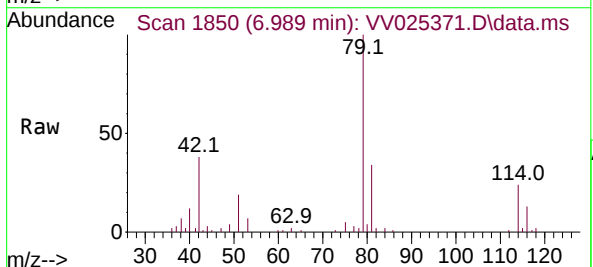
Acq: 06 Apr 2022 18:09

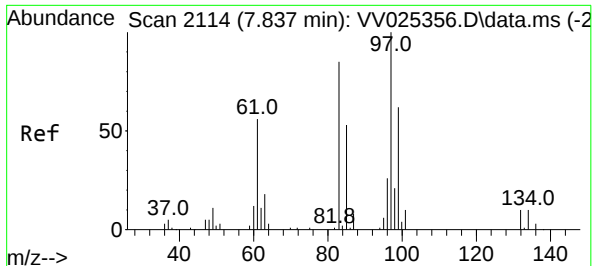
Tgt Ion: 75 Resp: 1396

Ion Ratio Lower Upper

75 100

77 75.7 22.1 41.1#

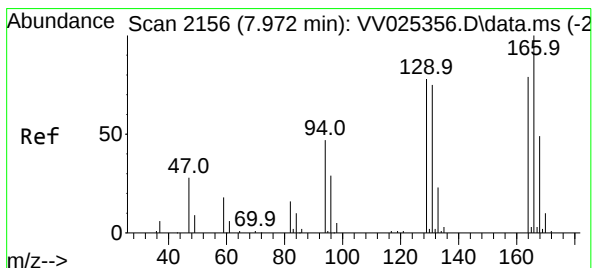
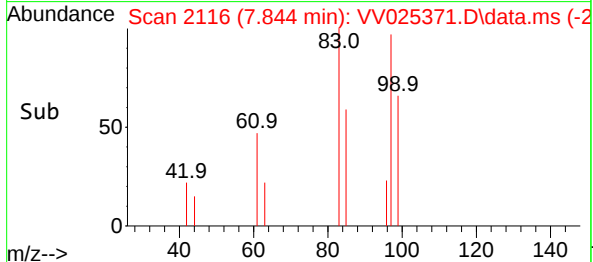
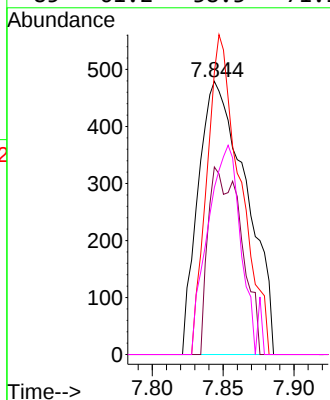
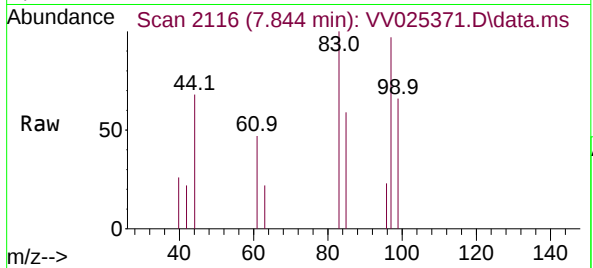




#45
1,1,2-Trichloroethane
Concen: 0.161 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VV025371.D
Acq: 06 Apr 2022 18:09

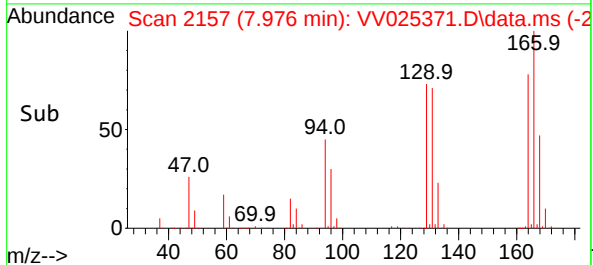
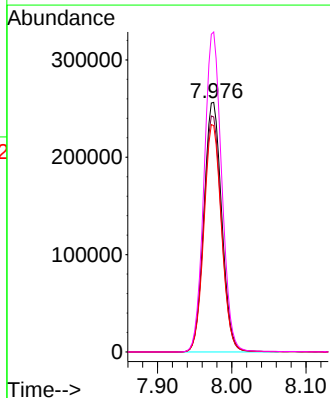
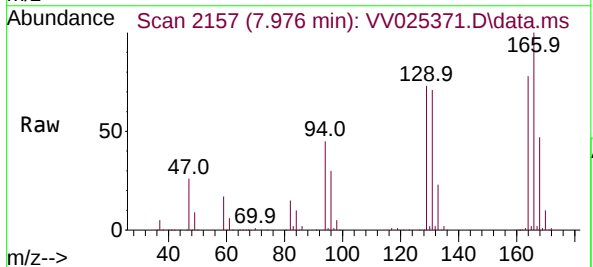
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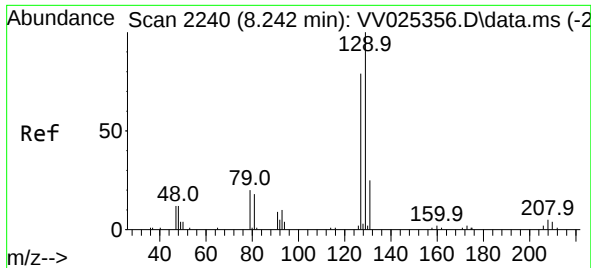
Tgt Ion: 97	Resp: 1126
Ion Ratio	Lower Upper
97 100	
99 68.7	43.3 80.5
83 103.3	58.0 107.6
85 61.2	38.3 71.1



#47
Tetrachloroethene
Concen: 48.071 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025371.D
Acq: 06 Apr 2022 18:09

Tgt	Ion:164	Resp:	427944
Ion	Ratio	Lower	Upper
164	100		
129	94.2	67.5	125.4
131	90.7	68.0	126.4
166	128.2	86.2	160.2

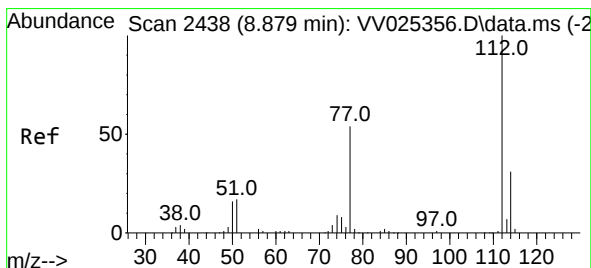
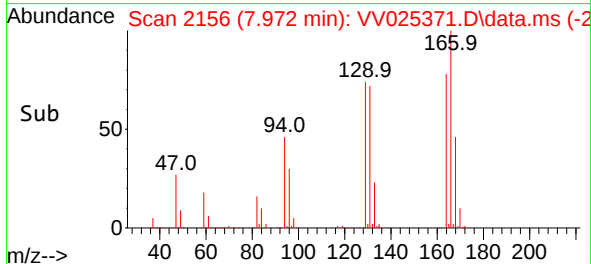
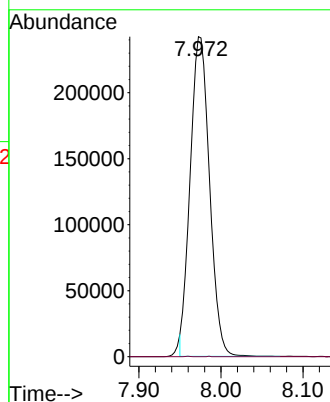
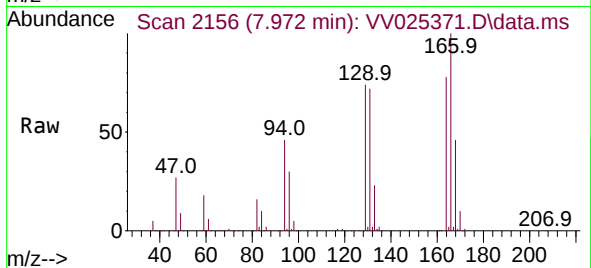




#49
Dibromochloromethane
Concen: 52.676 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.270 min
Lab File: VV025371.D
Acq: 06 Apr 2022 18:09

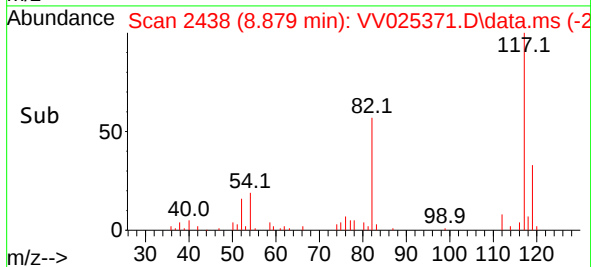
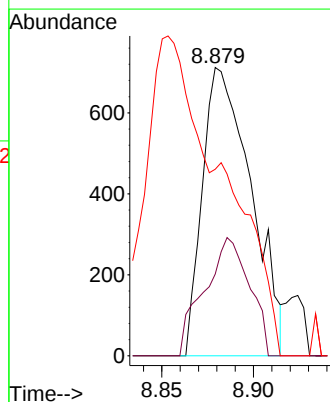
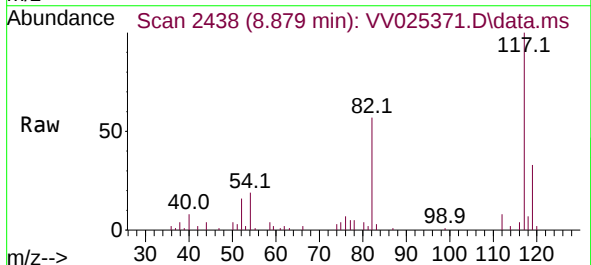
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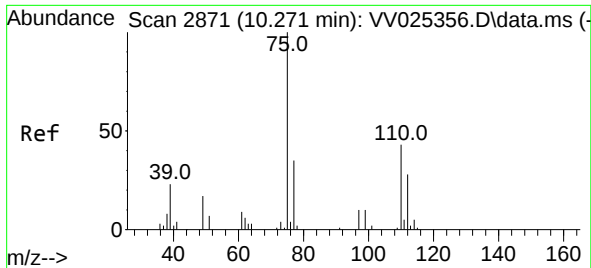
Tgt Ion:129 Resp: 395834
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#



#51
Chlorobenzene
Concen: 0.043 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV025371.D
Acq: 06 Apr 2022 18:09

Tgt Ion:112 Resp: 1313
Ion Ratio Lower Upper
112 100
114 28.4 21.9 40.7
77 64.7 44.2 66.4





#61
 1,2,3-Trichloropropane
 Concen: 1.604 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV025371.D
 Acq: 06 Apr 2022 18:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B32

Tgt Ion: 75 Resp: 8258
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.8 38.6
 110 3.4 31.6 47.4#

