

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
 Data File : VV025423.D
 Acq On : 08 Apr 2022 20:41
 Operator : SY/MD
 Sample : N2319-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H0

Quant Time: Apr 09 06:26:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

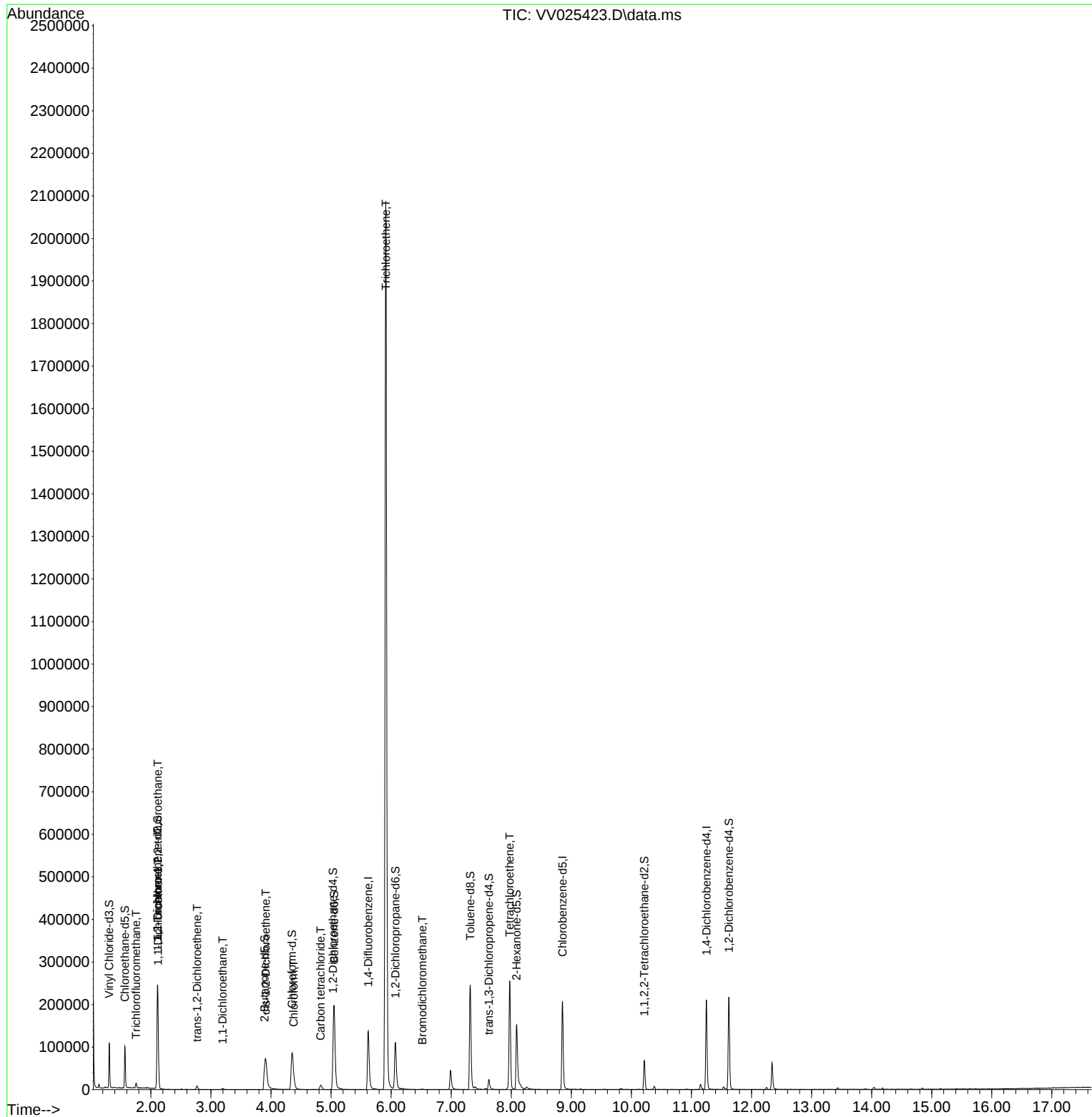
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126490	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116879	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66152	5.625	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	112.600%	
7) Chloroethane-d5	1.568	69	60398	4.828	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.600%	
11) 1,1-Dichloroethene-d2	2.111	63	113619	4.823	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.400%	
20) 2-Butanone-d5	3.892	46	71024	49.651	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.300%	
24) Chloroform-d	4.352	84	88090	4.957	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.034	65	40913	5.343	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
32) Benzene-d6	5.053	84	188766	5.582	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.600%	
36) 1,2-Dichloropropane-d6	6.072	67	53580	5.681	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.600%	
41) Toluene-d8	7.317	98	166032	5.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.800%	
43) trans-1,3-Dichloroprop...	7.629	79	14171	4.470	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.088	63	55562	49.940	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.880%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31276	5.249	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	55148	6.167	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	123.400%#	
Target Compounds						
9) Trichlorofluoromethane	1.754	101	6404	0.325	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	3309	0.299	ug/L #	71
12) 1,1-Dichloroethene	2.121	96	25435	2.318	ug/L #	65
18) trans-1,2-Dichloroethene	2.770	96	3067	0.334	ug/L	91
19) 1,1-Dichloroethane	3.195	63	2375	0.153	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	27964	2.889	ug/L	96
25) Chloroform	4.378	83	16785	1.021	ug/L	86
31) Carbon tetrachloride	4.828	117	8017	0.688	ug/L	97
34) Trichloroethene	5.912	95	706045	77.018	ug/L	99
38) Bromodichloromethane	6.519	83	818	0.082	ug/L #	91
47) Tetrachloroethene	7.976	164	54902	7.650	ug/L	96

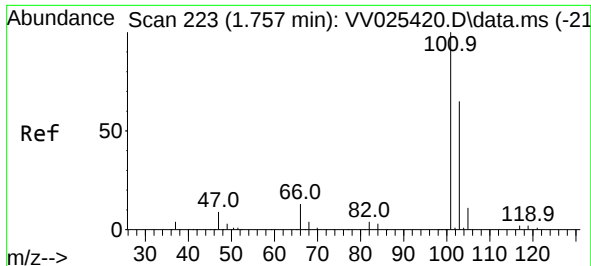
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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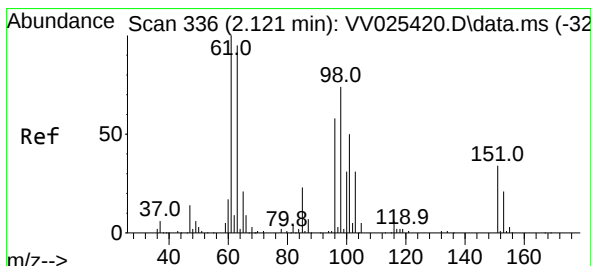
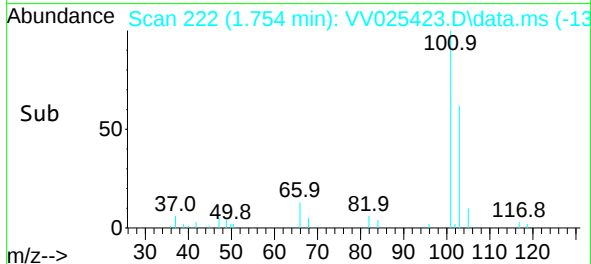
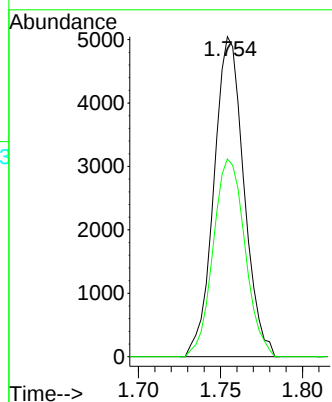
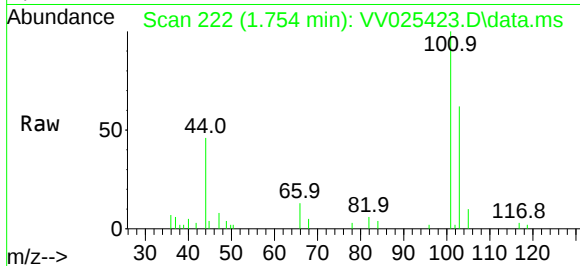




#9
 Trichlorofluoromethane
 Concen: 0.325 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025423.D
 Acq: 08 Apr 2022 20:41

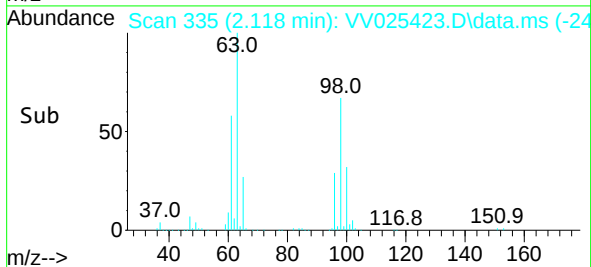
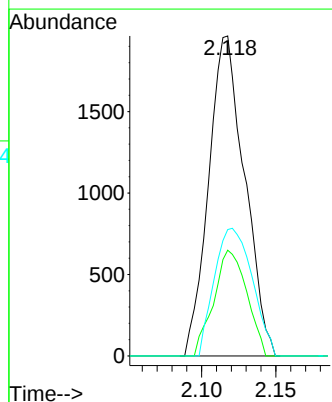
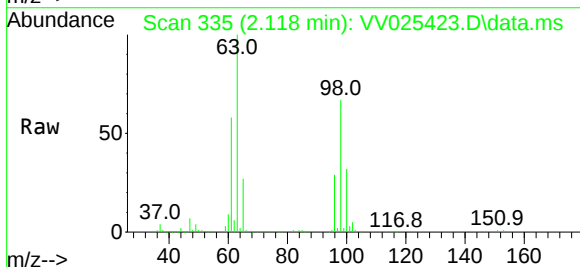
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H0

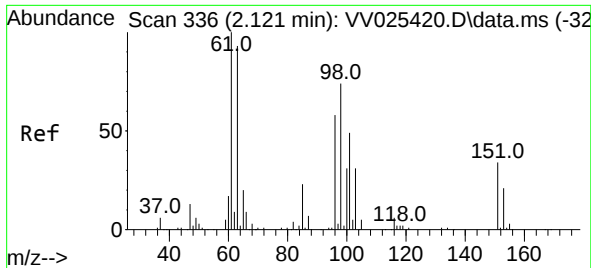
Tgt Ion:101 Resp: 6404
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.9 77.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.299 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025423.D
 Acq: 08 Apr 2022 20:41

Tgt Ion:101 Resp: 3309
 Ion Ratio Lower Upper
 101 100
 85 30.3 35.9 53.9#
 151 42.1 56.0 84.0#

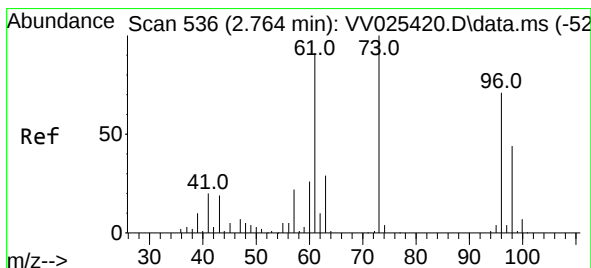
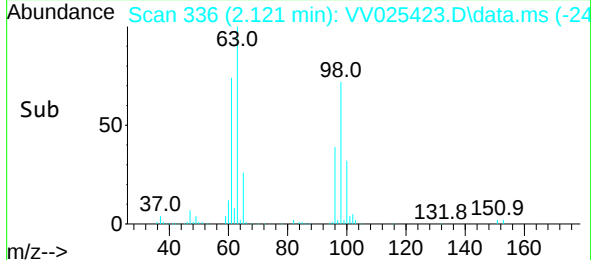
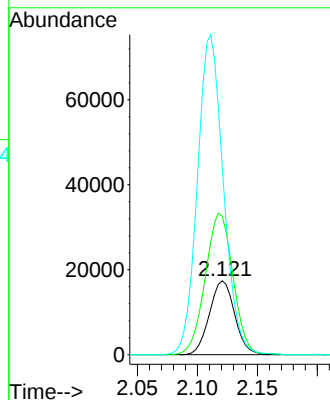
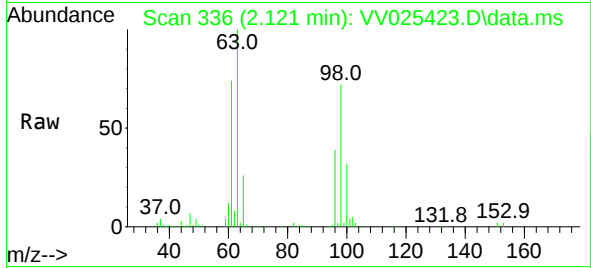




#12
 1,1-Dichloroethene
 Concen: 2.318 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV025423.D
 Acq: 08 Apr 2022 20:41

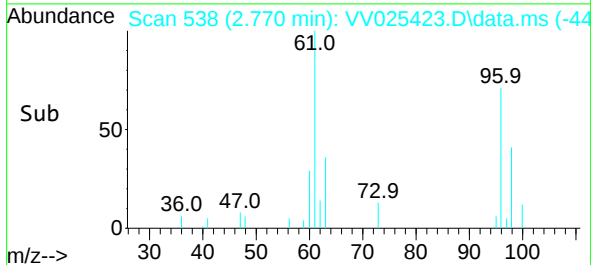
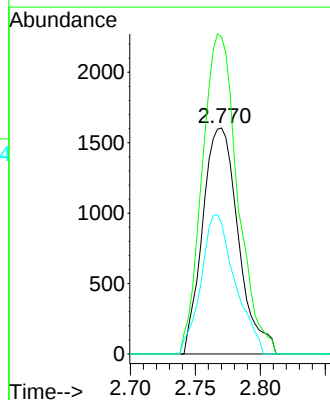
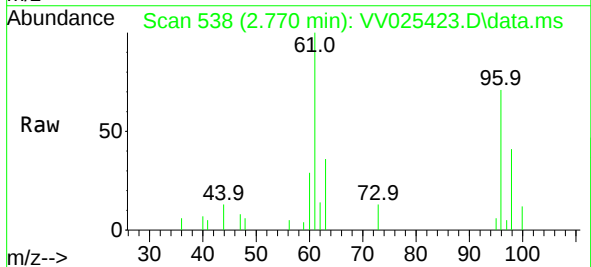
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H0

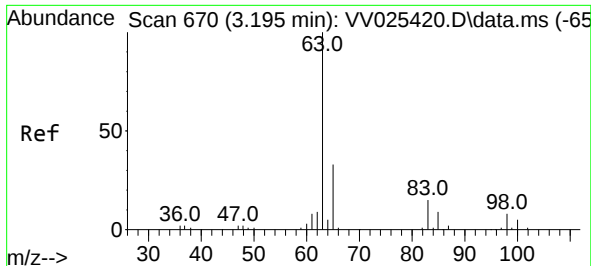
Tgt Ion: 96 Resp: 25435
 Ion Ratio Lower Upper
 96 100
 61 187.5 125.2 232.4
 63 253.3 114.4 212.4#



#18
 trans-1,2-Dichloroethene
 Concen: 0.334 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: VV025423.D
 Acq: 08 Apr 2022 20:41

Tgt Ion: 96 Resp: 3067
 Ion Ratio Lower Upper
 96 100
 61 140.3 92.1 171.1
 98 57.8 47.5 88.1





#19

1,1-Dichloroethane

Concen: 0.153 ug/L

RT: 3.195 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV025423.D

Acq: 08 Apr 2022 20:41

Instrument :

MSVOA_V

ClientSampleId :

YB2H0

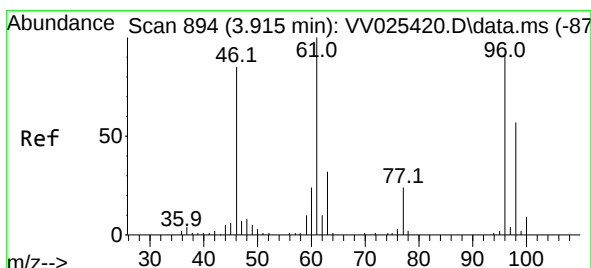
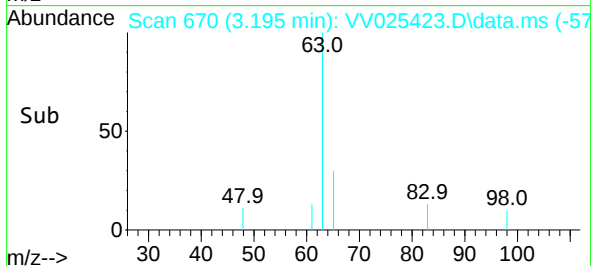
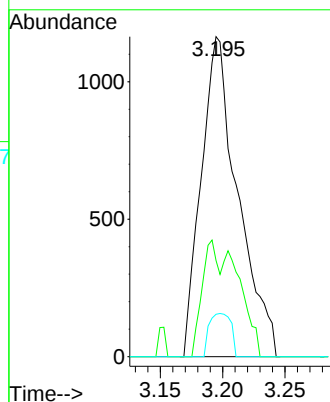
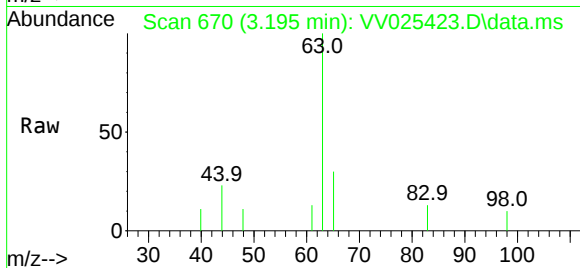
Tgt Ion: 63 Resp: 2375

Ion Ratio Lower Upper

63 100

65 30.1 23.2 43.0

83 13.2 9.0 16.8



#22

cis-1,2-Dichloroethene

Concen: 2.889 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.003 min

Lab File: VV025423.D

Acq: 08 Apr 2022 20:41

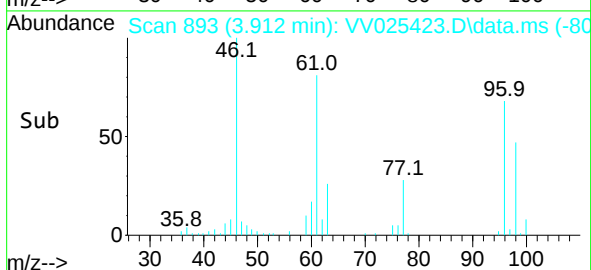
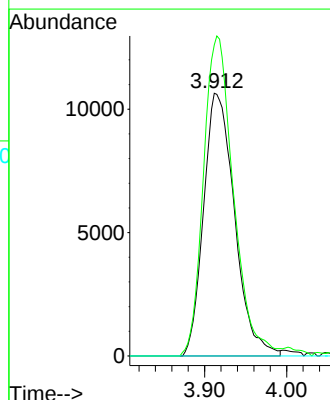
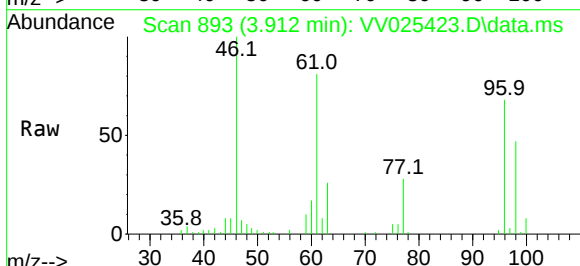
Tgt Ion: 96 Resp: 27964

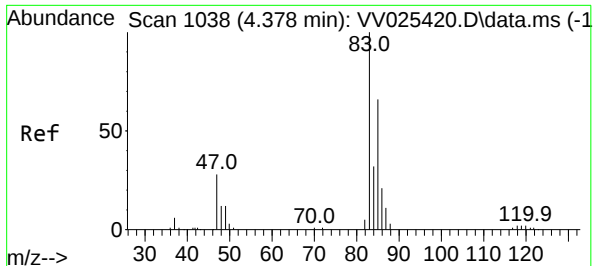
Ion Ratio Lower Upper

96 100

61 118.4 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.021 ug/L

RT: 4.378 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025423.D

Acq: 08 Apr 2022 20:41

Instrument :

MSVOA_V

ClientSampleId :

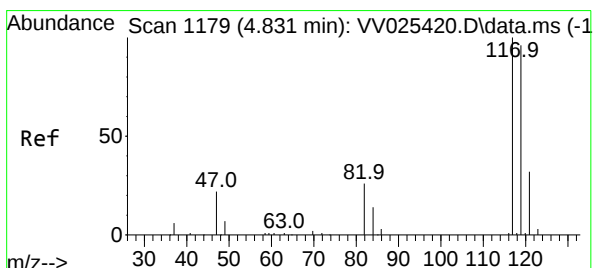
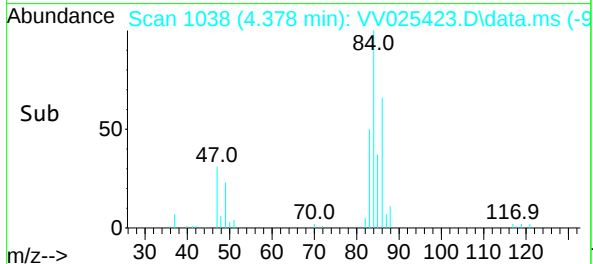
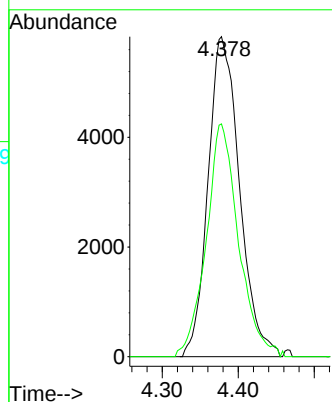
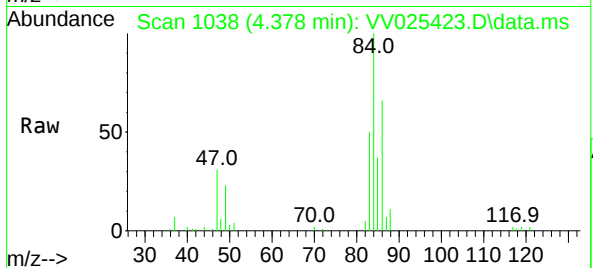
YB2H0

Tgt Ion: 83 Resp: 16785

Ion Ratio Lower Upper

83 100

85 72.7 43.5 80.7



#31

Carbon tetrachloride

Concen: 0.688 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VV025423.D

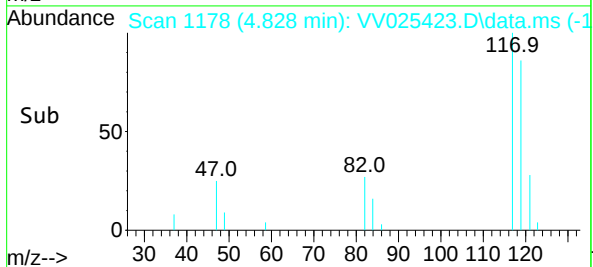
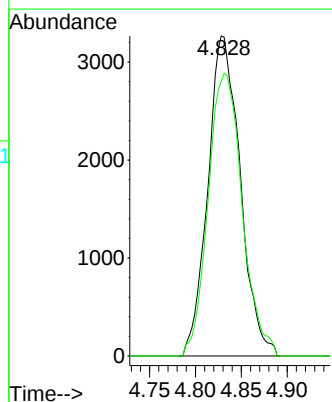
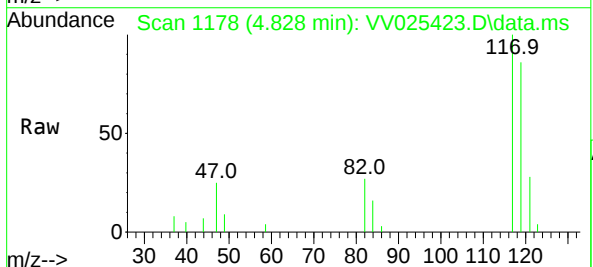
Acq: 08 Apr 2022 20:41

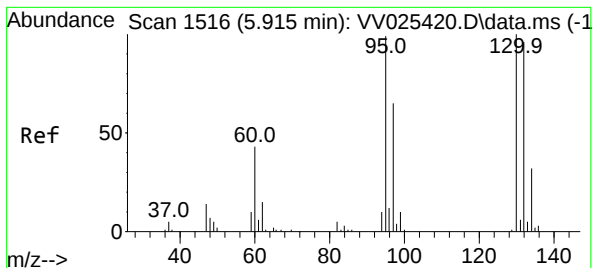
Tgt Ion: 117 Resp: 8017

Ion Ratio Lower Upper

117 100

119 92.8 76.6 114.8





#34

Trichloroethene

Concen: 77.018 ug/L

RT: 5.912 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025423.D

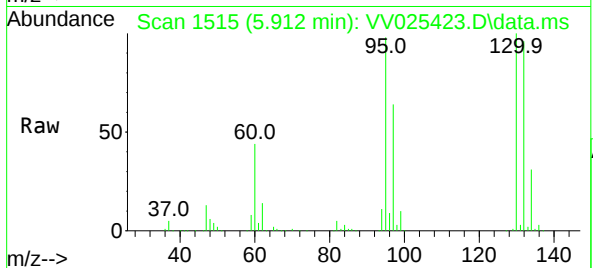
Acq: 08 Apr 2022 20:41

Instrument :

MSVOA_V

ClientSampleId :

YB2H0



Tgt Ion: 95 Resp: 706045

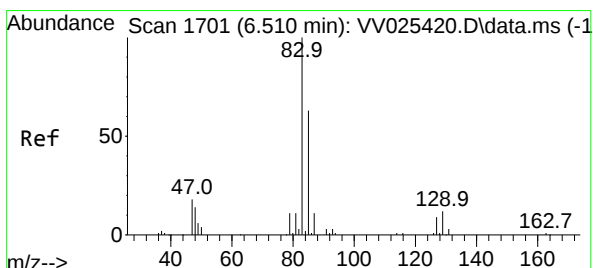
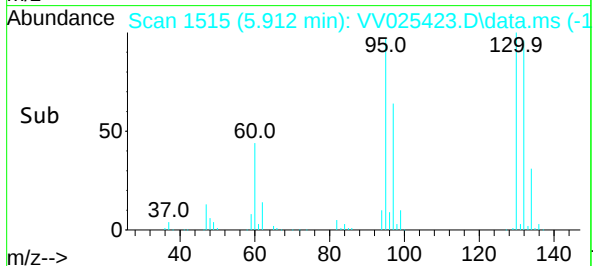
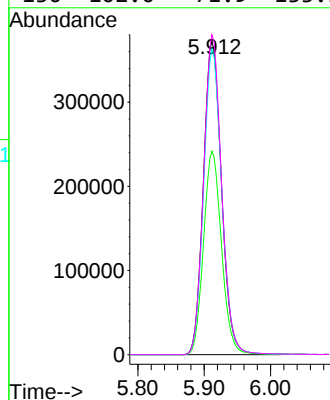
Ion Ratio Lower Upper

95 100

97 64.9 45.8 85.2

132 97.4 68.0 126.4

130 102.0 71.9 133.5



#38

Bromodichloromethane

Concen: 0.082 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.010 min

Lab File: VV025423.D

Acq: 08 Apr 2022 20:41

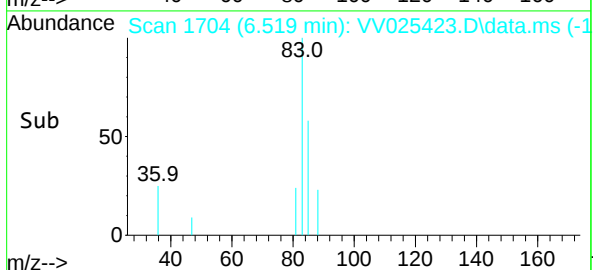
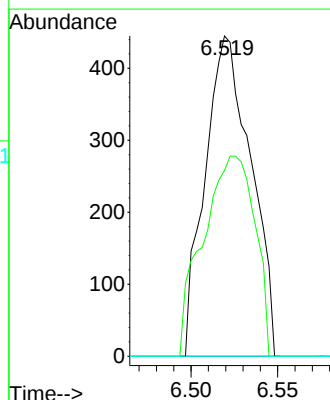
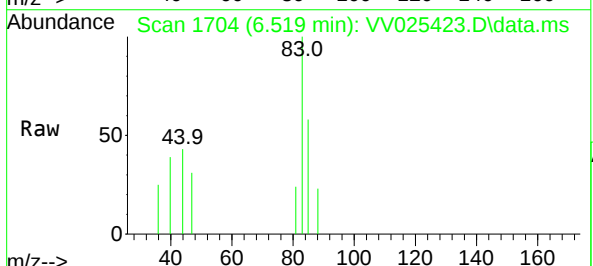
Tgt Ion: 83 Resp: 818

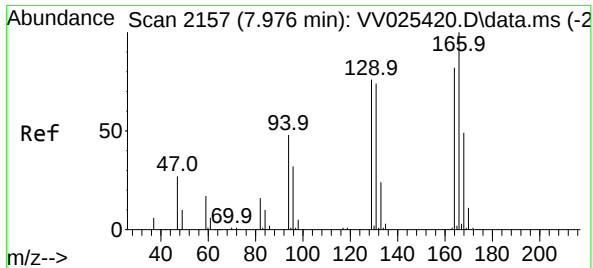
Ion Ratio Lower Upper

83 100

85 58.0 44.4 82.4

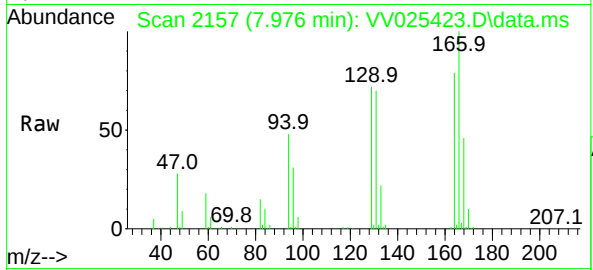
127 0.0 7.2 10.8#





#47
 Tetrachloroethene
 Concen: 7.650 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025423.D
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Tgt Ion:	164	Resp:	54902
Ion	Ratio	Lower	Upper
164	100		
129	92.2	66.8	124.2
131	89.6	66.4	123.4
166	127.2	91.7	170.3

