

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025425.D
 Acq On : 08 Apr 2022 21:28
 Operator : SY/MD
 Sample : N2319-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H2

Quant Time: Apr 09 06:27:09 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)

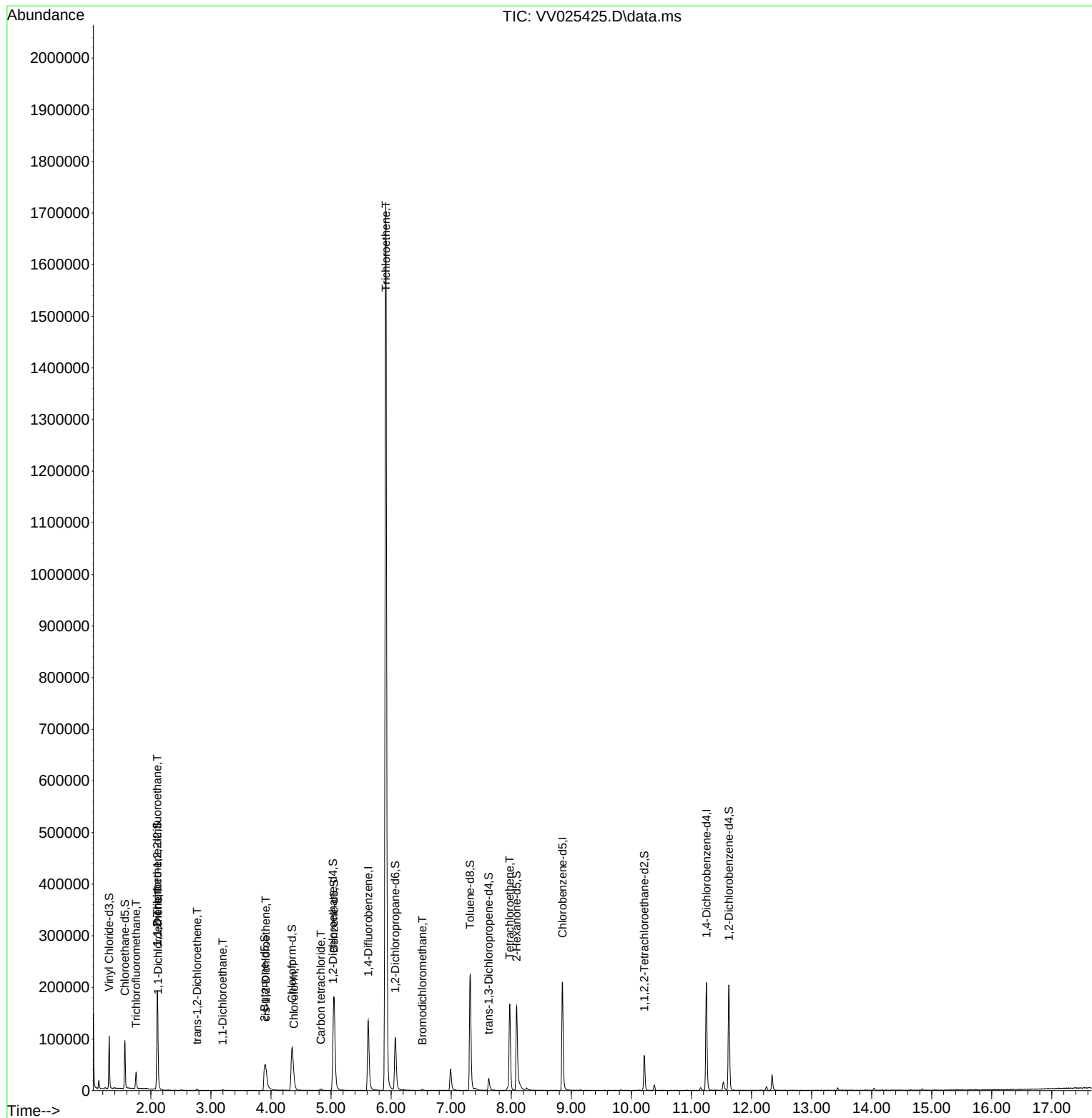
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123387	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52758	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62345	5.435	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.600%
7) Chloroethane-d5	1.568	69	56010	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.108	63	97625	4.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.892	46	75976	54.448	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.900%
24) Chloroform-d	4.352	84	84194	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.034	65	40249	5.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.050	84	172580	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.069	67	49752	5.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.317	98	153087	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.625	79	14008	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.088	63	57168	50.248	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31444	5.161	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	52079	5.888	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	17299	0.900	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1547	0.143	ug/L #	56
12) 1,1-Dichloroethene	2.121	96	8074	0.754	ug/L #	1
18) trans-1,2-Dichloroethene	2.770	96	650	0.072	ug/L	79
19) 1,1-Dichloroethane	3.195	63	1481	0.098	ug/L #	93
22) cis-1,2-Dichloroethene	3.912	96	11700	1.239	ug/L	99
25) Chloroform	4.381	83	18587	1.159	ug/L	99
31) Carbon tetrachloride	4.831	117	2103	0.176	ug/L	95
34) Trichloroethene	5.912	95	577110	61.561	ug/L	99
38) Bromodichloromethane	6.519	83	1502	0.148	ug/L #	91
47) Tetrachloroethene	7.976	164	37049	5.048	ug/L	98

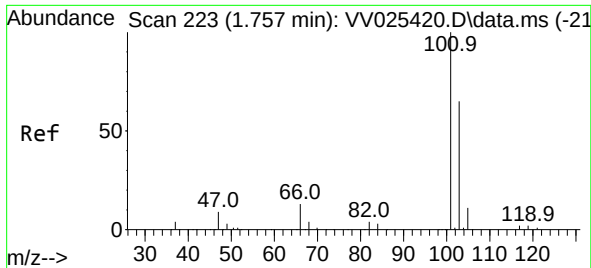
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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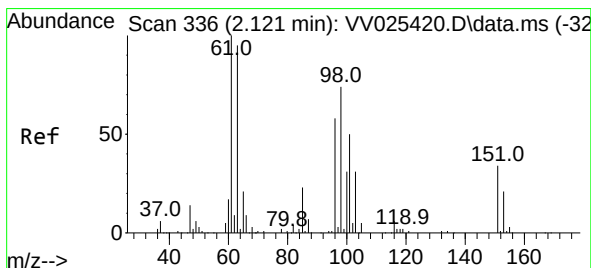
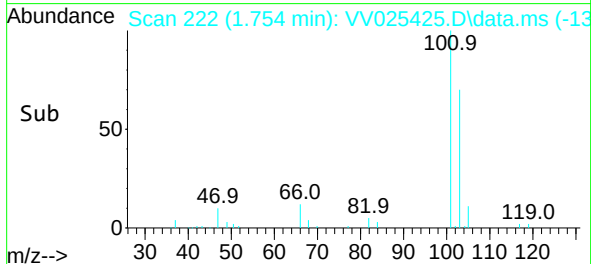
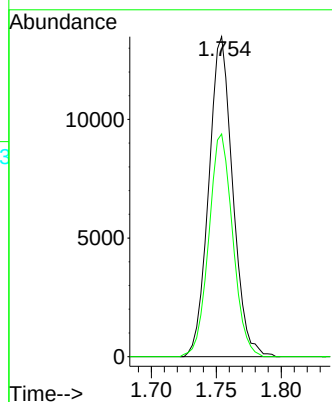
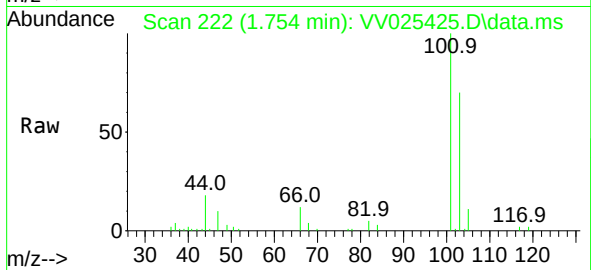




#9
Trichlorofluoromethane
Concen: 0.900 ug/L
RT: 1.754 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025425.D
Acq: 08 Apr 2022 21:28

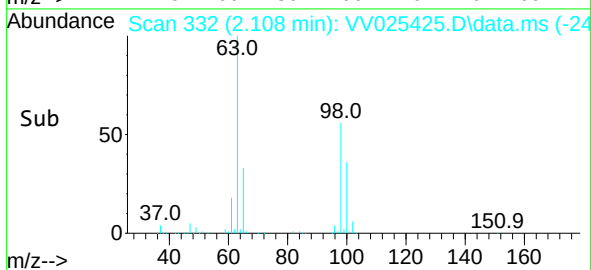
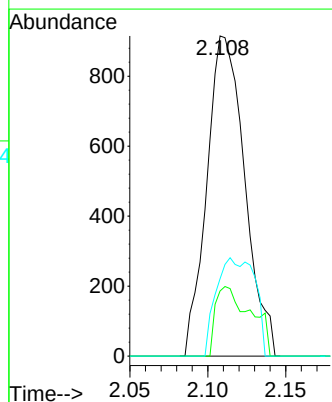
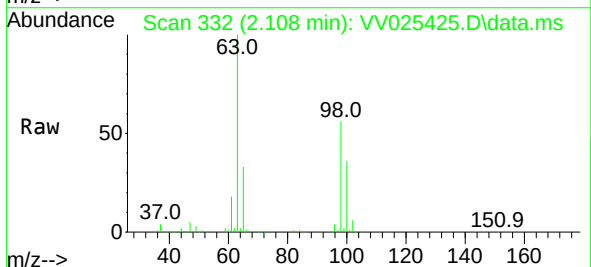
Instrument :
MSVOA_V
ClientSampleId :
YB2H2

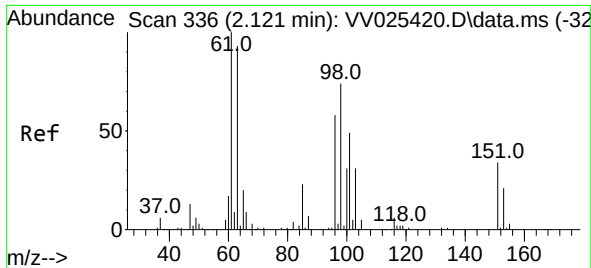
Tgt Ion:101 Resp: 17299
Ion Ratio Lower Upper
101 100
103 69.4 51.9 77.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.143 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.013 min
Lab File: VV025425.D
Acq: 08 Apr 2022 21:28

Tgt Ion:101 Resp: 1547
Ion Ratio Lower Upper
101 100
85 20.1 35.9 53.9#
151 31.2 56.0 84.0#

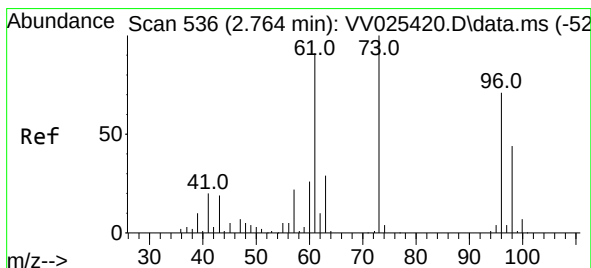
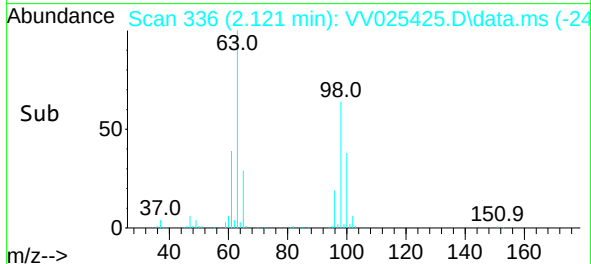
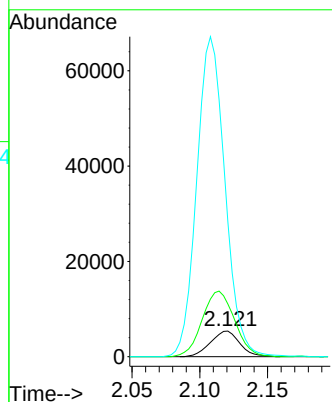
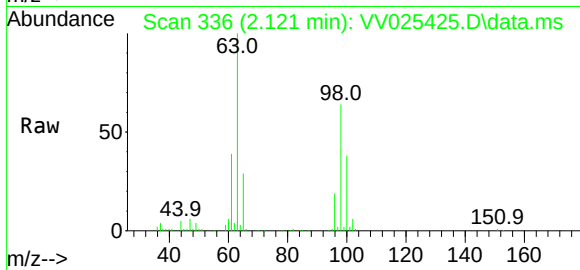




#12
1,1-Dichloroethene
Concen: 0.754 ug/L
RT: 2.121 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV025425.D
Acq: 08 Apr 2022 21:28

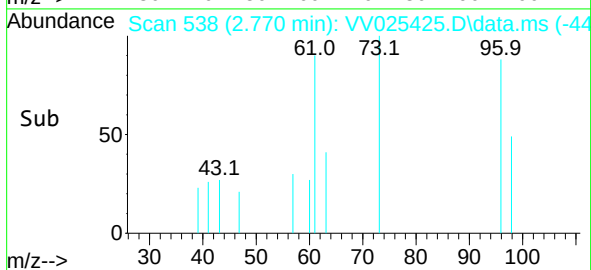
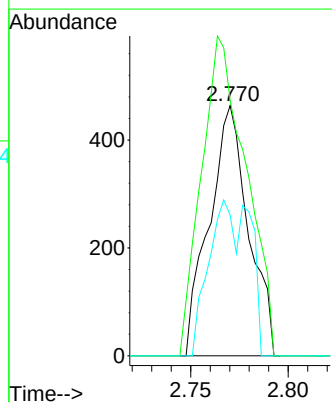
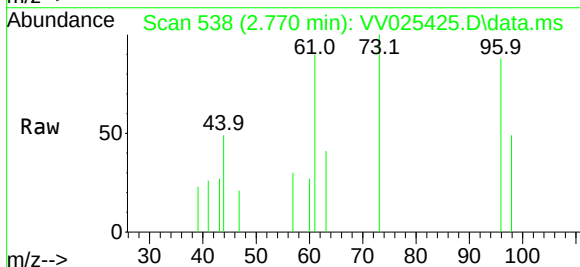
Instrument :
MSVOA_V
ClientSampleId :
YB2H2

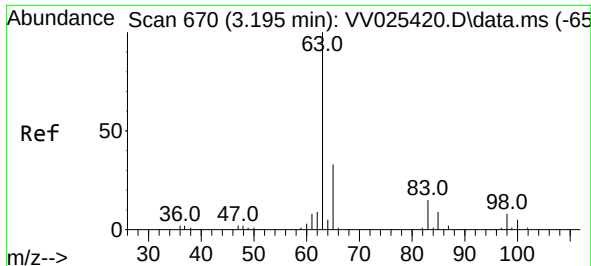
Tgt Ion: 96 Resp: 8074
Ion Ratio Lower Upper
96 100
61 205.2 125.2 232.4
63 524.7 114.4 212.4#



#18
trans-1,2-Dichloroethene
Concen: 0.072 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV025425.D
Acq: 08 Apr 2022 21:28

Tgt Ion: 96 Resp: 650
Ion Ratio Lower Upper
96 100
61 102.2 92.1 171.1
98 56.3 47.5 88.1





#19

1,1-Dichloroethane

Concen: 0.098 ug/L

RT: 3.195 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV025425.D

Acq: 08 Apr 2022 21:28

Instrument :

MSVOA_V

ClientSampleId :

YB2H2

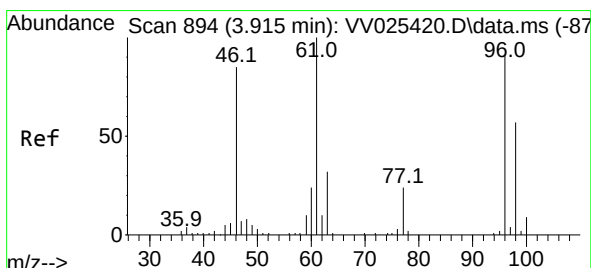
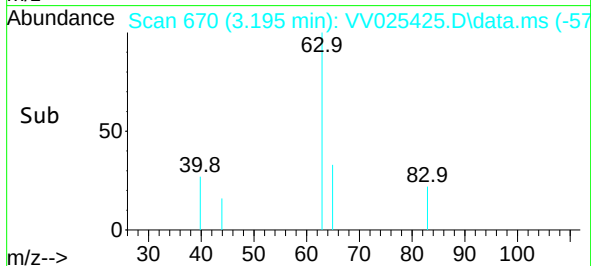
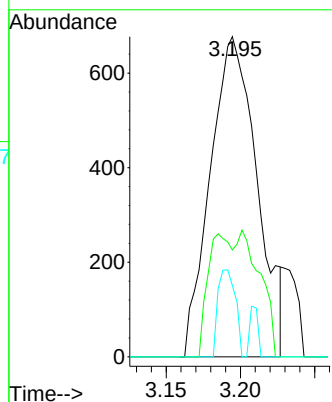
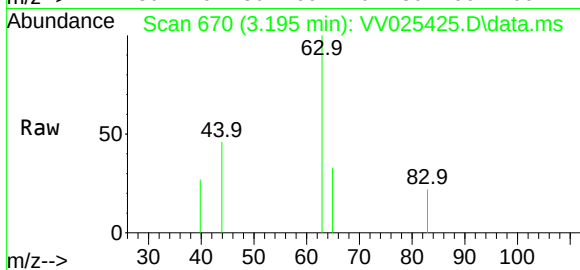
Tgt Ion: 63 Resp: 1481

Ion Ratio Lower Upper

63 100

65 33.4 23.2 43.0

83 22.3 9.0 16.8#



#22

cis-1,2-Dichloroethene

Concen: 1.239 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.003 min

Lab File: VV025425.D

Acq: 08 Apr 2022 21:28

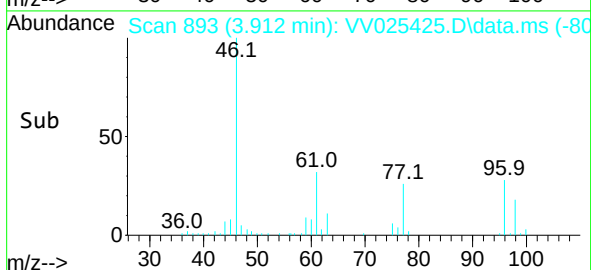
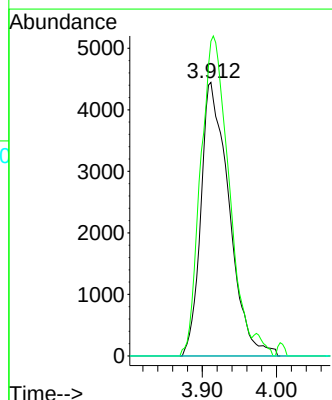
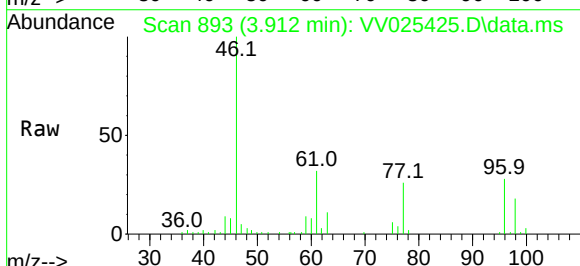
Tgt Ion: 96 Resp: 11700

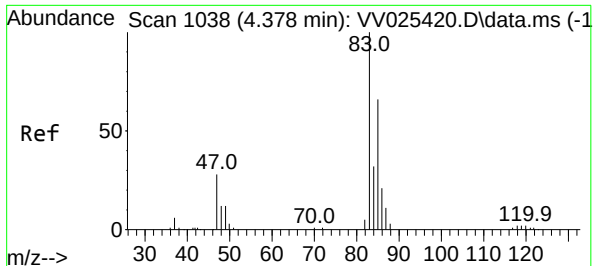
Ion Ratio Lower Upper

96 100

61 115.0 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.159 ug/L

RT: 4.381 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV025425.D

Acq: 08 Apr 2022 21:28

Instrument :

MSVOA_V

ClientSampleId :

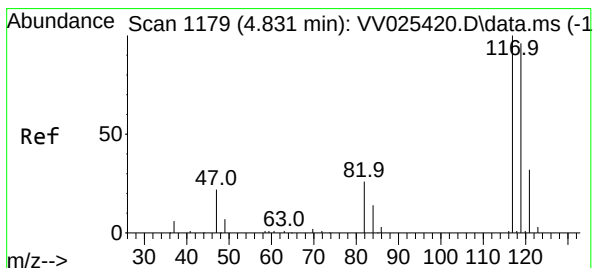
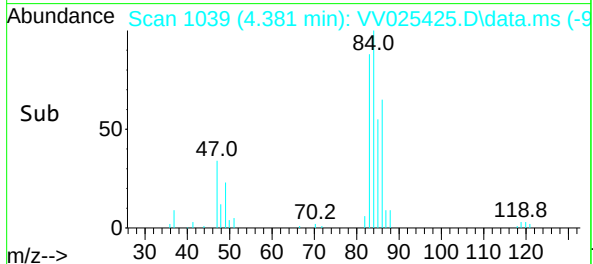
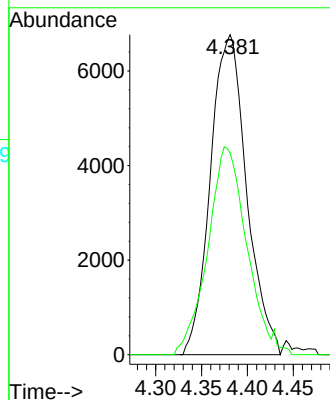
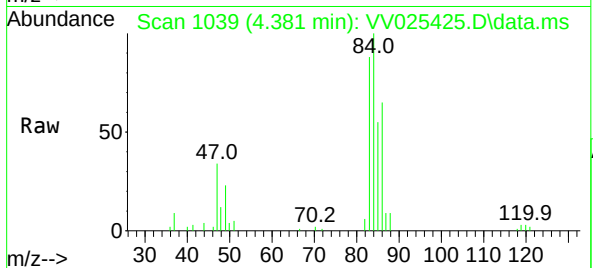
YB2H2

Tgt Ion: 83 Resp: 18587

Ion Ratio Lower Upper

83 100

85 63.1 43.5 80.7



#31

Carbon tetrachloride

Concen: 0.176 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VV025425.D

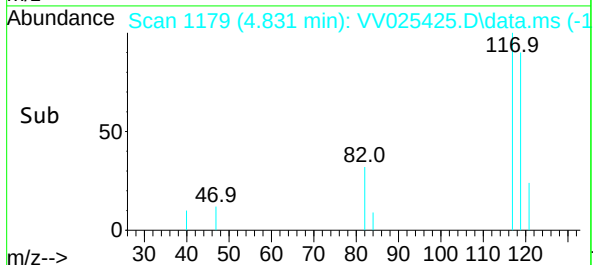
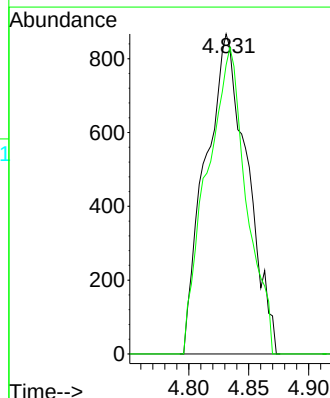
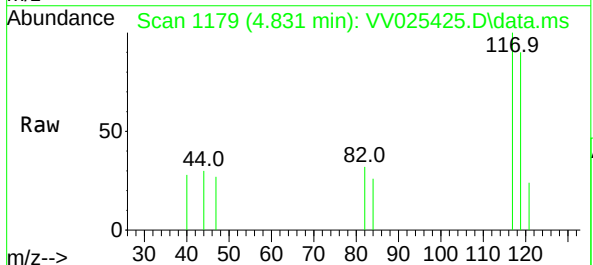
Acq: 08 Apr 2022 21:28

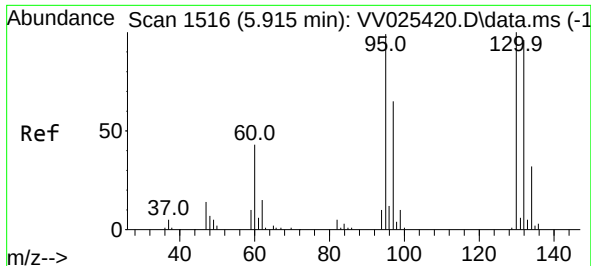
Tgt Ion: 117 Resp: 2103

Ion Ratio Lower Upper

117 100

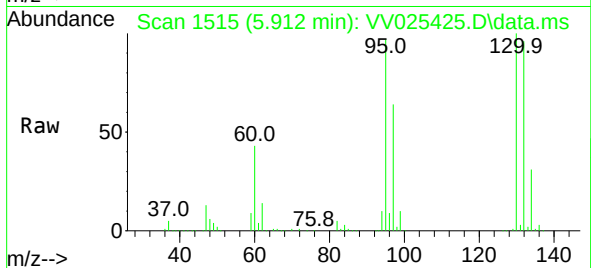
119 90.5 76.6 114.8



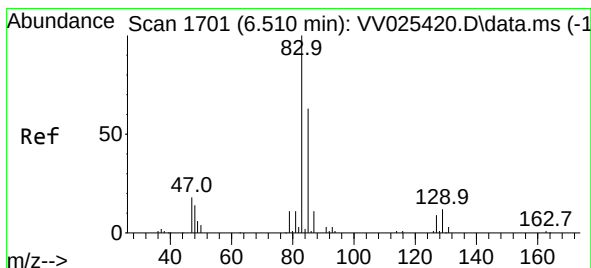
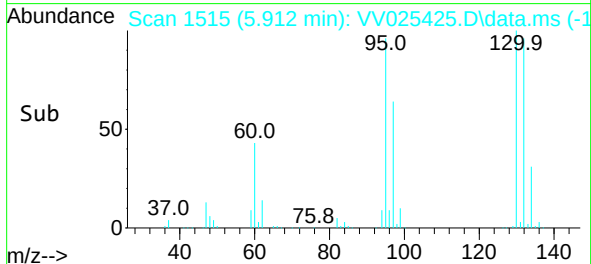
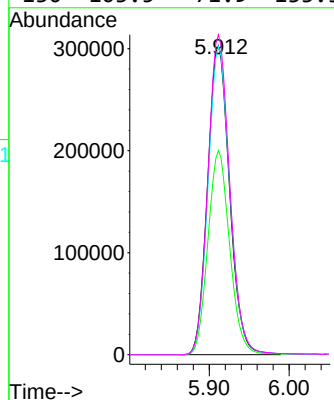


#34
 Trichloroethene
 Concen: 61.561 ug/L
 RT: 5.912 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV025425.D
 Acq: 08 Apr 2022 21:28

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H2

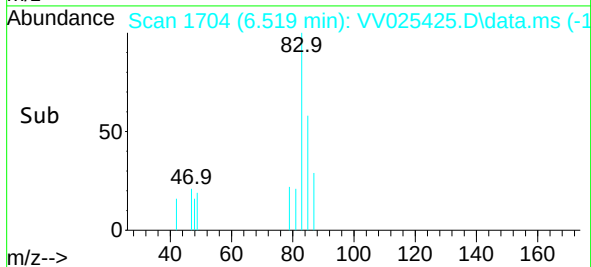
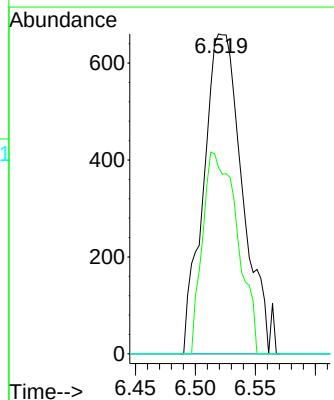
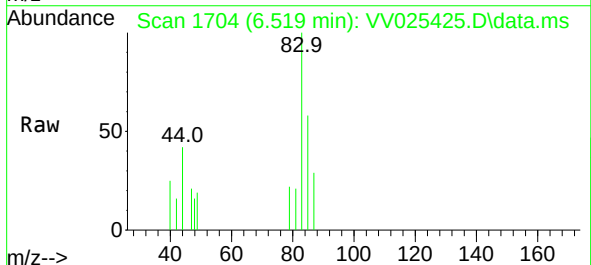


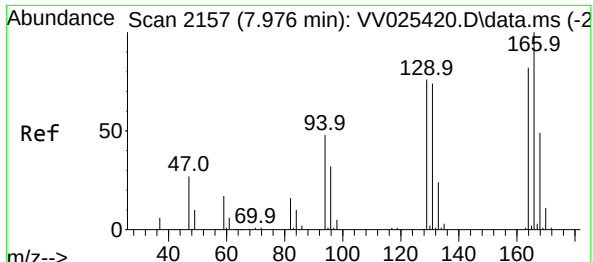
Tgt Ion: 95 Resp: 577110
 Ion Ratio Lower Upper
 95 100
 97 66.1 45.8 85.2
 132 99.8 68.0 126.4
 130 103.5 71.9 133.5



#38
 Bromodichloromethane
 Concen: 0.148 ug/L
 RT: 6.519 min Scan# 1704
 Delta R.T. 0.010 min
 Lab File: VV025425.D
 Acq: 08 Apr 2022 21:28

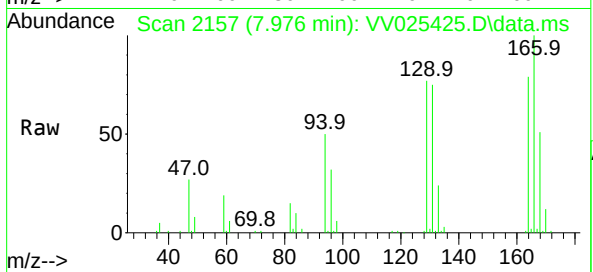
Tgt Ion: 83 Resp: 1502
 Ion Ratio Lower Upper
 83 100
 85 58.3 44.4 82.4
 127 0.0 7.2 10.8





#47
 Tetrachloroethene
 Concen: 5.048 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025425.D
 Acq: 08 Apr 2022 21:28

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 MSVOA_V
 ClientSampleId :
 YB2H2



Tgt Ion:164 Resp: 37049

Ion	Ratio	Lower	Upper
164	100		
129	96.8	66.8	124.2
131	94.9	66.4	123.4
166	126.4	91.7	170.3

