

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022721\
 Data File : VV020414.D
 Acq On : 26 Feb 2021 14:26
 Operator : SY/MD
 Sample : M1513-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0L8

Quant Time: Feb 27 01:13:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 27 01:11:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

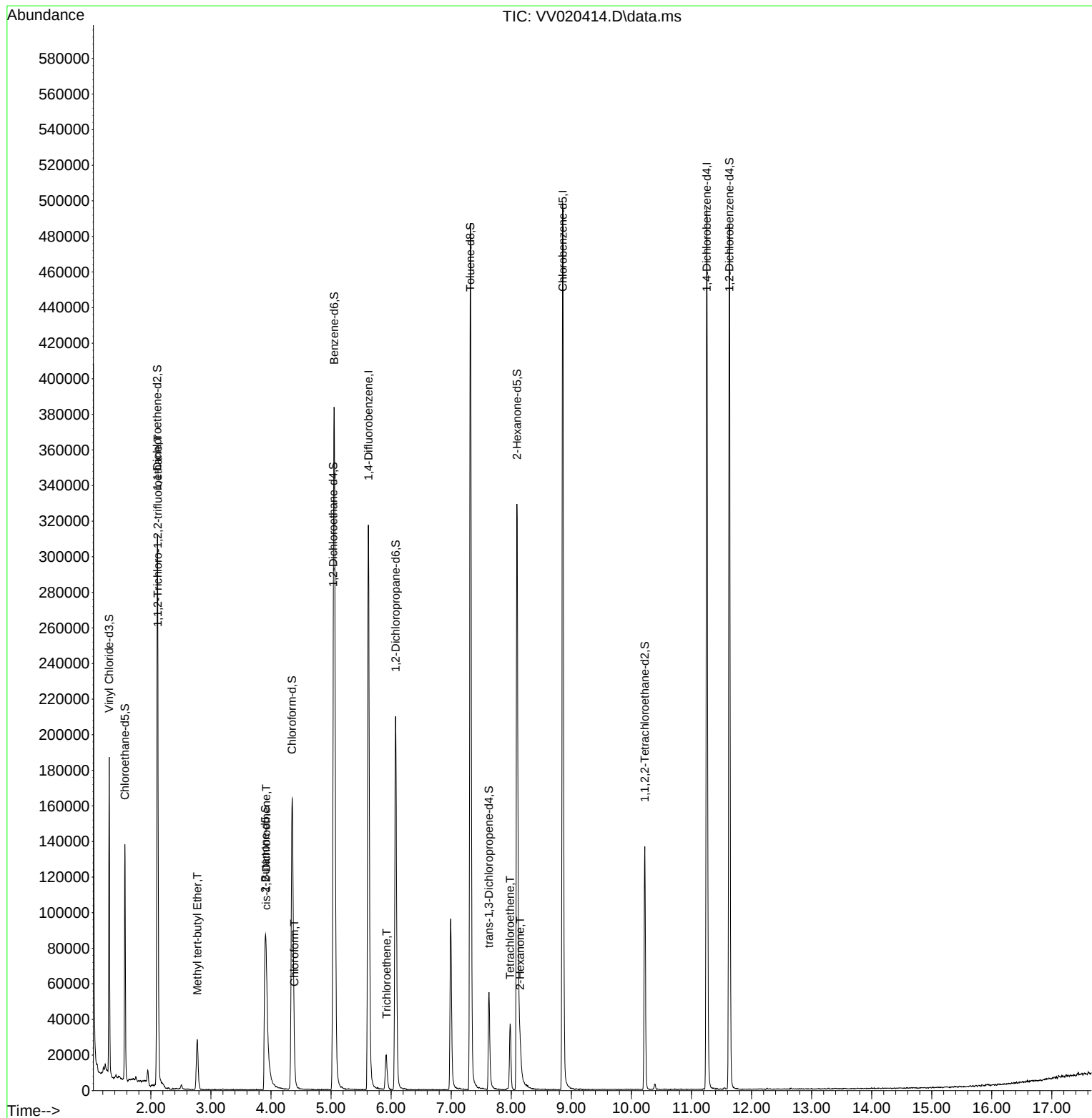
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	290564	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	286671	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	134174	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	108824	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.568	69	85258	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.108	63	141425	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.905	46	164241	46.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.68%
24) Chloroform-d	4.352	84	177274	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.037	65	86813	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.053	84	363617	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.075	67	106328	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.320	98	332462	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
45) trans-1,3-Dichloroprop...	7.628	79	34344	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
48) 2-Hexanone-d5	8.095	63	114541	40.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.42%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	63430	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
65) 1,2-Dichlorobenzene-d4	11.632	152	129704	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	18088	0.71	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	29159	0.57	ug/L	95
22) cis-1,2-Dichloroethene	3.921	96	8237	0.31	ug/L	89
25) Chloroform	4.387	83	6879	0.14	ug/L	85
34) Trichloroethene	5.928	95	3154	0.11	ug/L	87
49) Tetrachloroethene	7.982	164	9288	0.38	ug/L	94
50) 2-Hexanone	8.146	43	12263	1.42	ug/L #	92

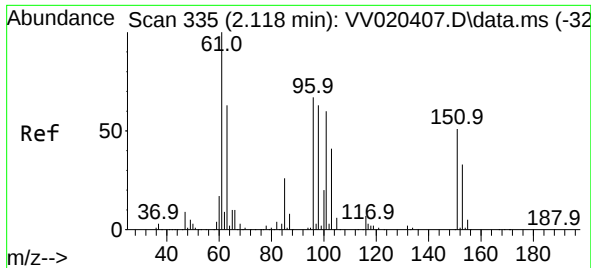
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022721\
Data File : VV020414.D
Acq On : 26 Feb 2021 14:26
Operator : SY/MD
Sample : M1513-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG0L8

Quant Time: Feb 27 01:13:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 27 01:11:28 2021
Response via : Initial Calibration

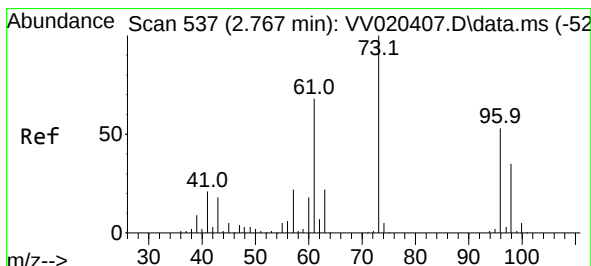
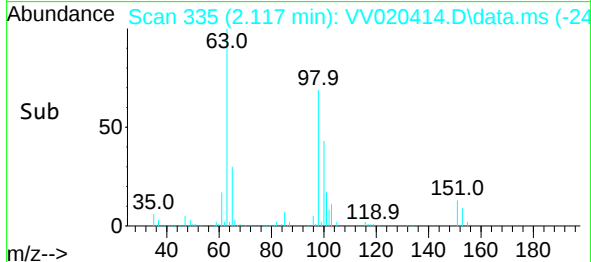
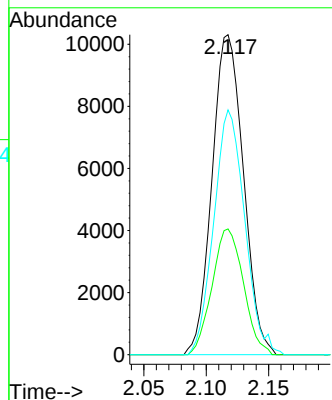
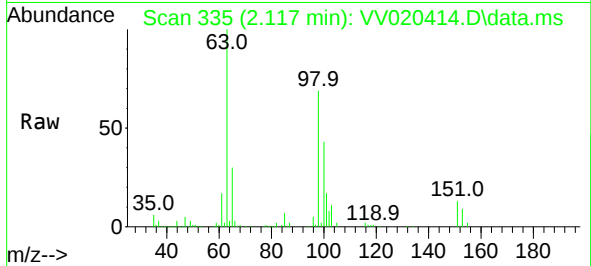




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.71 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV020414.D
Acq: 26 Feb 2021 14:26

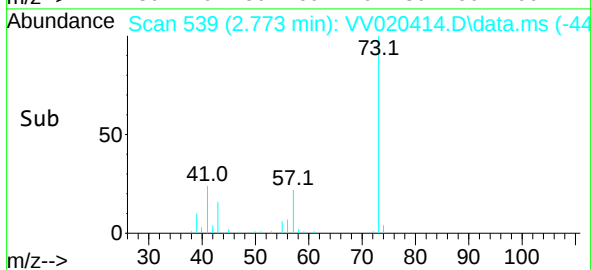
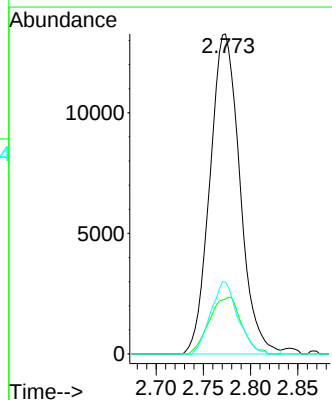
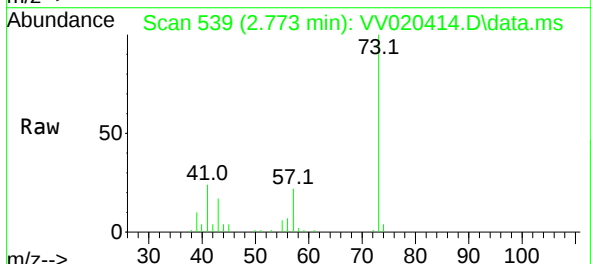
Instrument :
MSVOA_V
ClientSampleId :
BG0L8

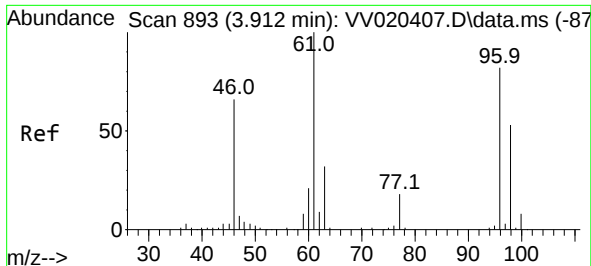
Tgt Ion:	101	Resp:	18088
Ion	Ratio	Lower	Upper
101	100		
85	39.2	34.6	51.8
151	75.4	63.5	95.3



#17
Methyl tert-butyl Ether
Concen: 0.57 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV020414.D
Acq: 26 Feb 2021 14:26

Tgt Ion:	73	Resp:	29159
Ion	Ratio	Lower	Upper
73	100		
43	19.0	18.3	27.5
57	20.6	16.7	25.1





#22

cis-1,2-Dichloroethene

Concen: 0.31 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.010 min

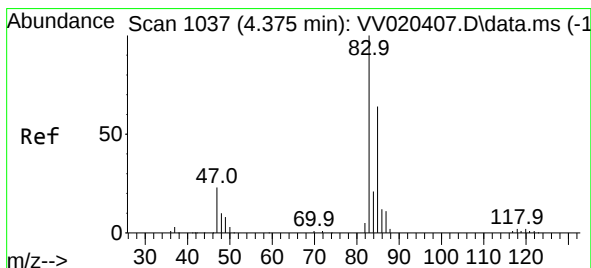
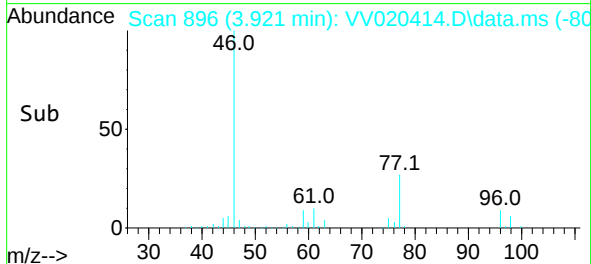
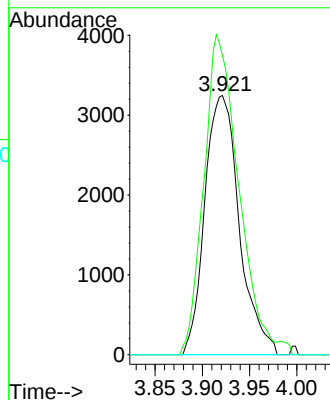
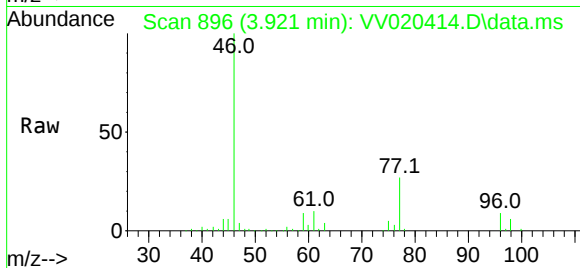
Lab File: VV020414.D

Acq: 26 Feb 2021 14:26

Tgt Ion: 96 Resp: 8237

Ion	Ratio	Lower	Upper
96	100		
61	115.4	89.6	166.4
68	0.0	0.0	0.0

Instrument :
MSVOA_V
ClientSampleId :
BG0L8



#25

Chloroform

Concen: 0.14 ug/L

RT: 4.387 min Scan# 1041

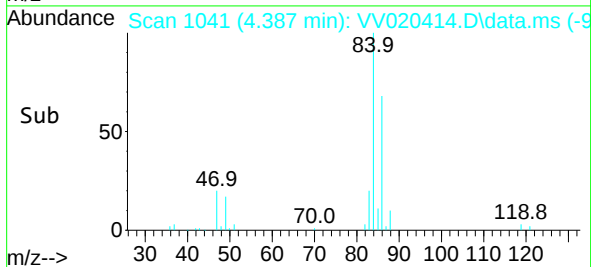
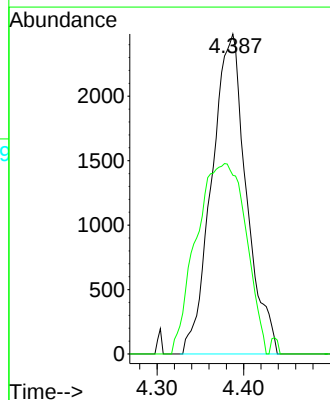
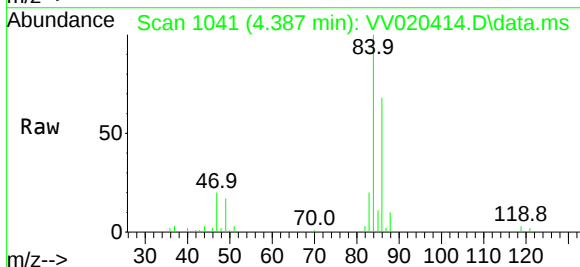
Delta R.T. 0.013 min

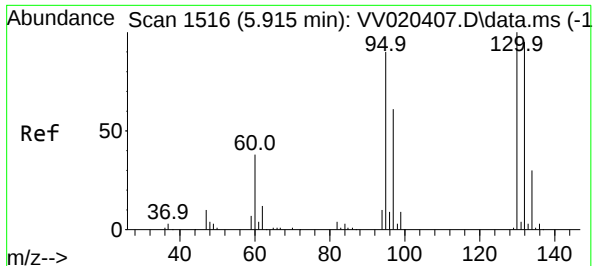
Lab File: VV020414.D

Acq: 26 Feb 2021 14:26

Tgt Ion: 83 Resp: 6879

Ion	Ratio	Lower	Upper
83	100		
85	55.9	47.3	87.9





#34

Trichloroethene

Concen: 0.11 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.013 min

Lab File: VV020414.D

Acq: 26 Feb 2021 14:26

Tgt Ion: 95 Resp: 3154

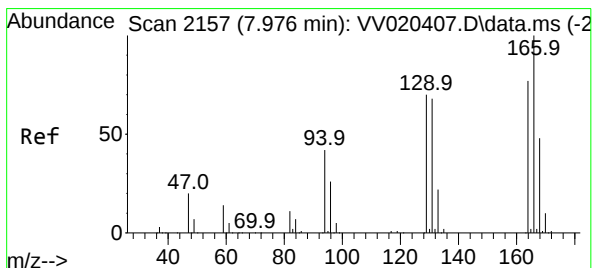
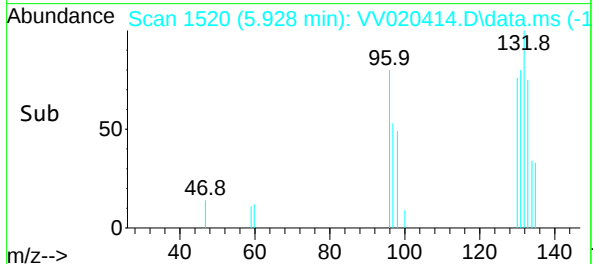
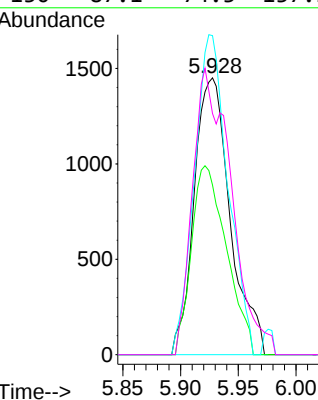
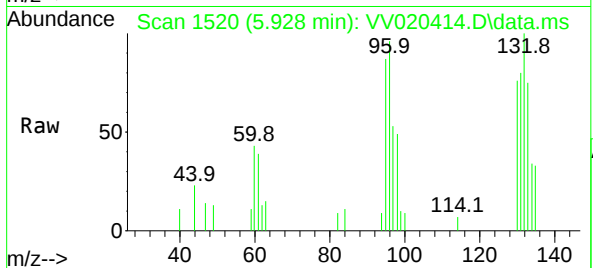
Ion Ratio Lower Upper

95 100

97 61.3 46.1 85.5

132 115.2 71.7 133.1

130 87.1 74.3 137.9



#49

Tetrachloroethene

Concen: 0.38 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV020414.D

Acq: 26 Feb 2021 14:26

Tgt Ion: 164 Resp: 9288

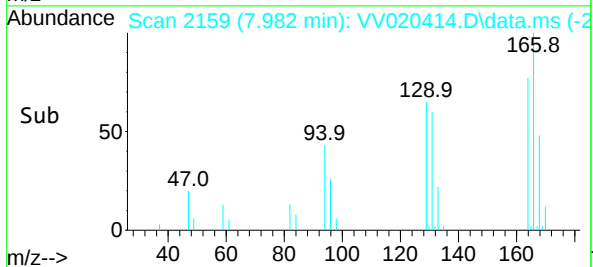
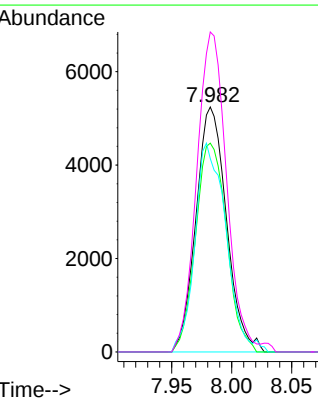
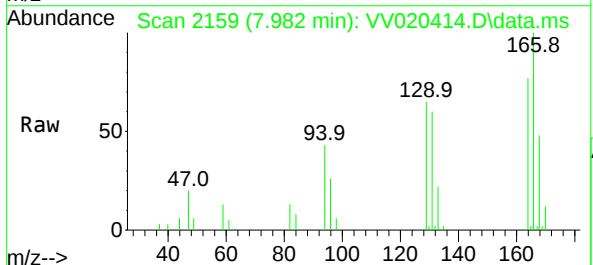
Ion Ratio Lower Upper

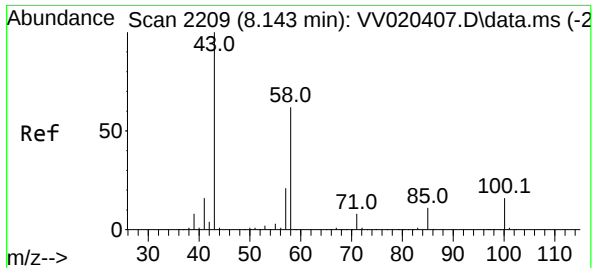
164 100

129 85.2 65.0 120.8

131 79.0 63.6 118.2

166 130.6 91.7 170.3





#50
2-Hexanone
Concen: 1.42 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV020414.D
Acq: 26 Feb 2021 14:26

Instrument :
MSVOA_V
ClientSampleId :
BG0L8

Tgt Ion:	43	Resp:	12263
Ion	Ratio	Lower	Upper
43	100		
58	48.3	41.6	62.4
57	17.3	15.4	23.0
100	5.7	11.2	16.8

