

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061720\
 Data File : VV016961.D
 Acq On : 17 Jun 2020 14:27
 Operator : SY/MD
 Sample : L3038-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4

Quant Time: Jun 18 01:49:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 01:31:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	230001	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	216560	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	106595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64915	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	48665	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.12	63	91121	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.91	46	159888	45.45	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.90%
24) Chloroform-d	4.37	84	132017	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.05	65	72426	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.07	84	261772	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.09	67	77211	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.33	98	232448	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
45) trans-1,3-Dichloropropene-	7.64	79	29572	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
48) 2-Hexanone-d5	8.11	63	99556	37.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43033	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	91857	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

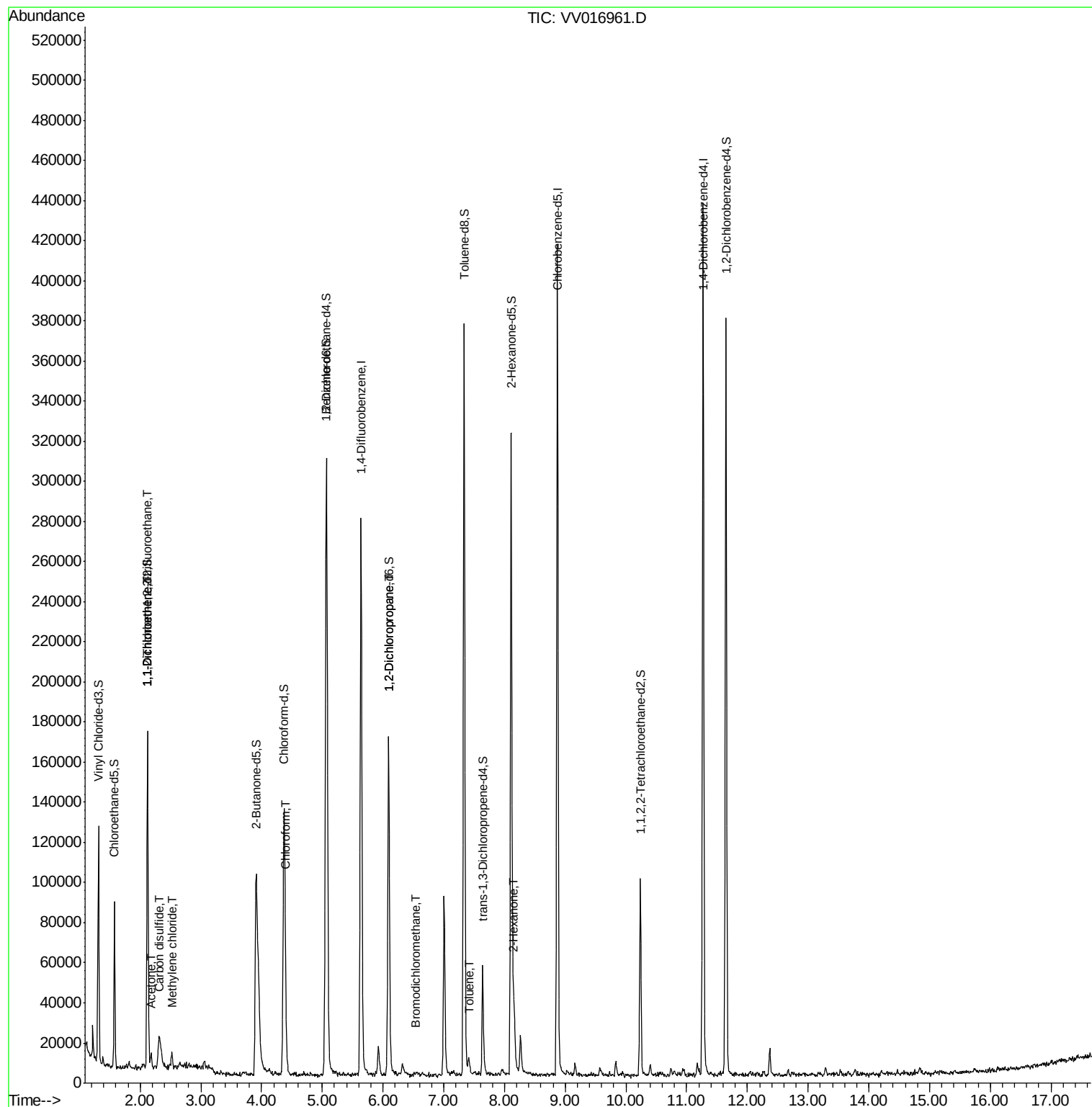
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1057	0.087	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	803	0.073	ug/L #	1
13) Acetone	2.18	43	7118	4.002	ug/L	99
14) Carbon disulfide	2.31	76	1342	0.041	ug/L #	57
16) Methylene chloride	2.52	84	2977	0.252	ug/L	92
25) Chloroform	4.40	83	10518	0.366	ug/L	99
37) 1,2-Dichloropropane	6.10	63	9863	0.703	ug/L #	85
38) Bromodichloromethane	6.53	83	1009	0.053	ug/L #	89
42) Toluene	7.41	91	4860	0.074	ug/L	94
50) 2-Hexanone	8.16	43	17735	3.074	ug/L #	87

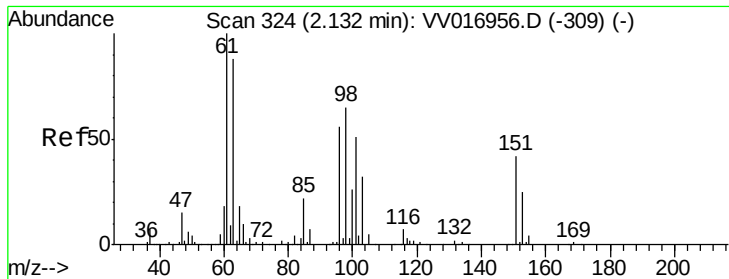
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.087 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016961.D

Acq: 17 Jun 2020 14:27

Instrument :

MSVOA_V

ClientSampled :

C0AF4

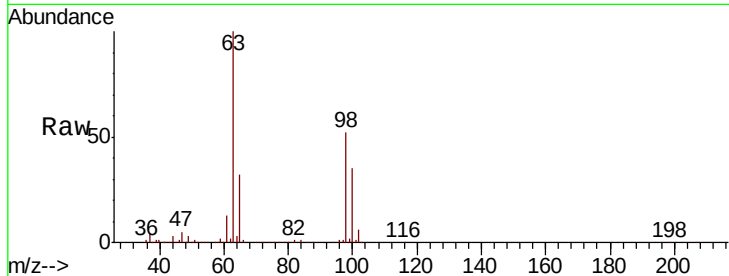
Tot Ion:101 Resp: 1057

Ion Ratio Lower Upper

101 100

85 2.1 35.4 53.2#

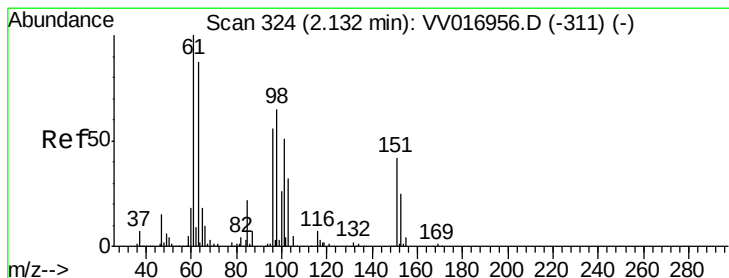
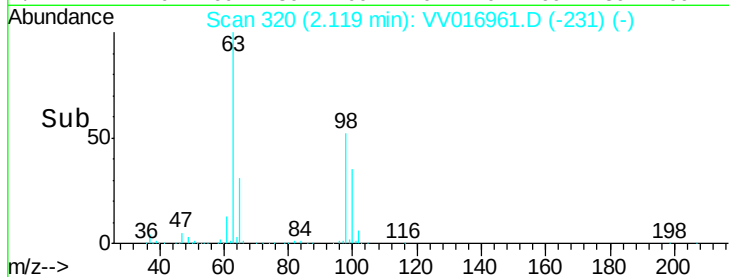
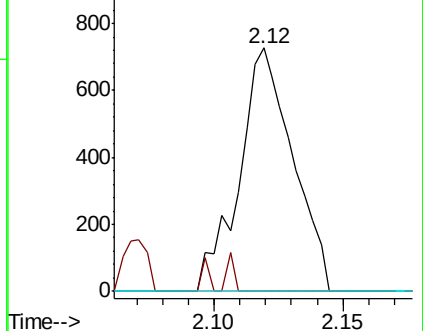
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016961.D

Acq: 17 Jun 2020 14:27

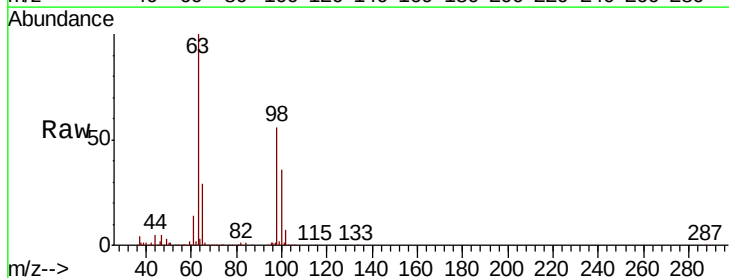
Tgt Ion: 96 Resp: 803

Ion Ratio Lower Upper

96 100

61 724.1 125.0 232.2#

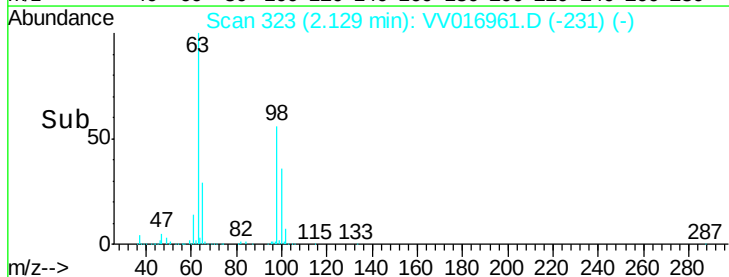
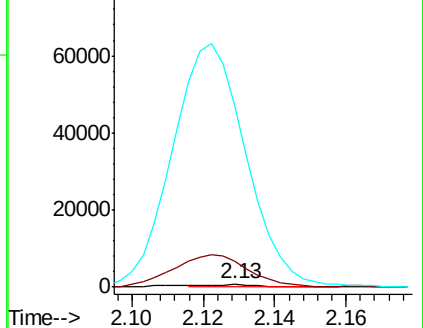
63 5163.2 109.8 203.8#

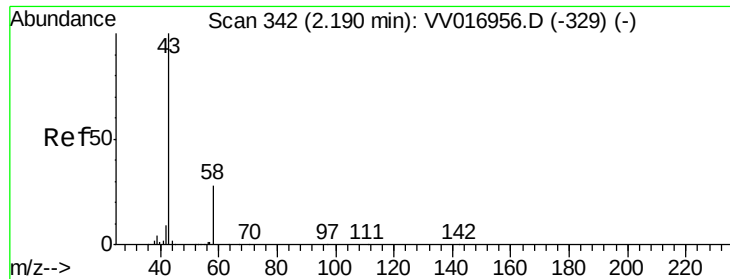


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.002 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV016961.D

Acq: 17 Jun 2020 14:27

Instrument :

MSVOA_V

ClientSampleId :

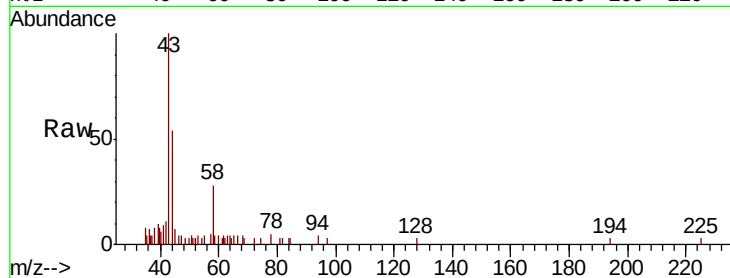
C0AF4

Tot Ion: 43 Resp: 7118

Ion Ratio Lower Upper

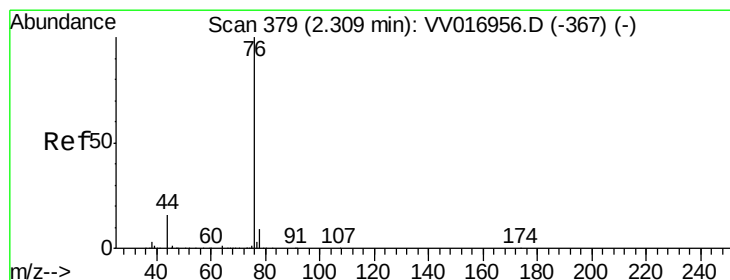
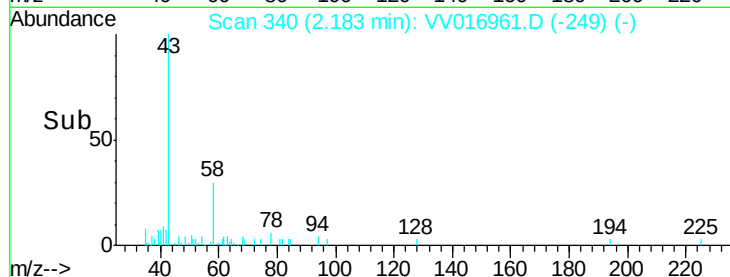
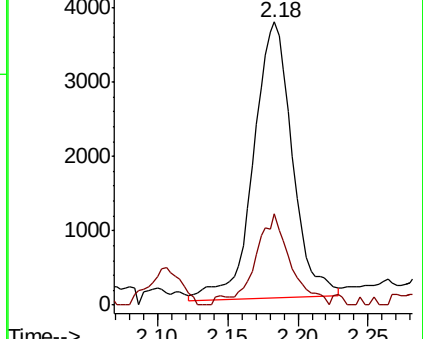
43 100

58 28.9 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.041 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV016961.D

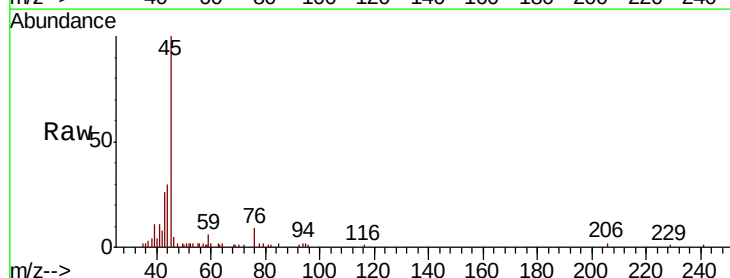
Acq: 17 Jun 2020 14:27

Tgt Ion: 76 Resp: 1342

Ion Ratio Lower Upper

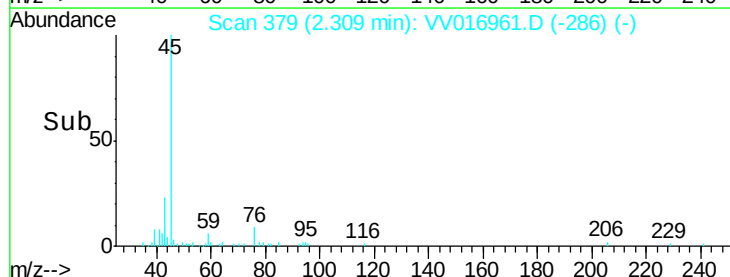
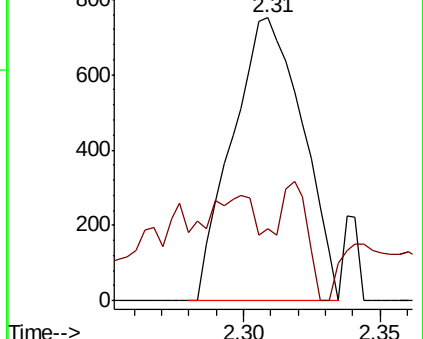
76 100

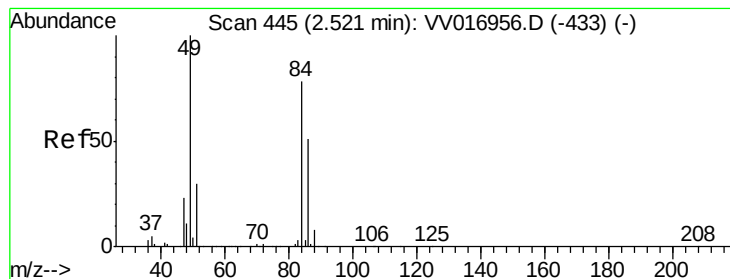
78 25.3 7.7 11.5#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

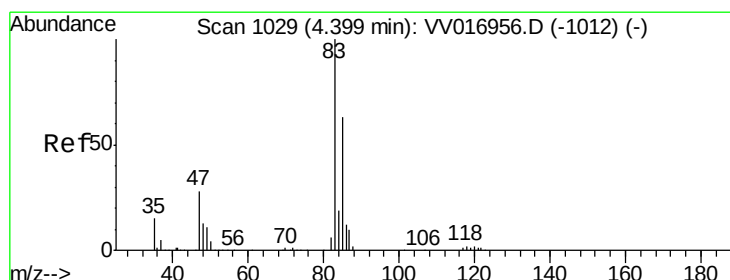
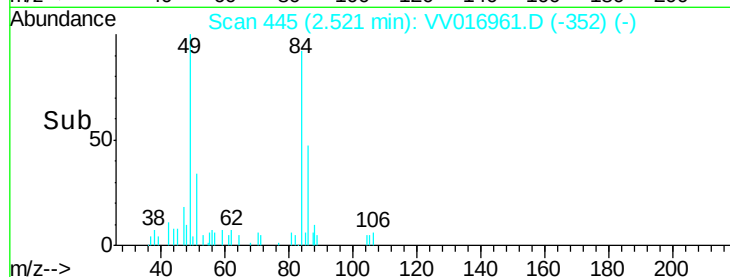
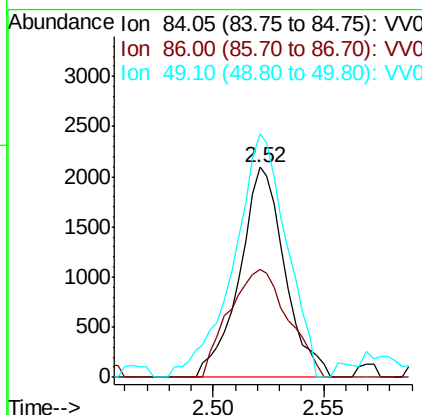
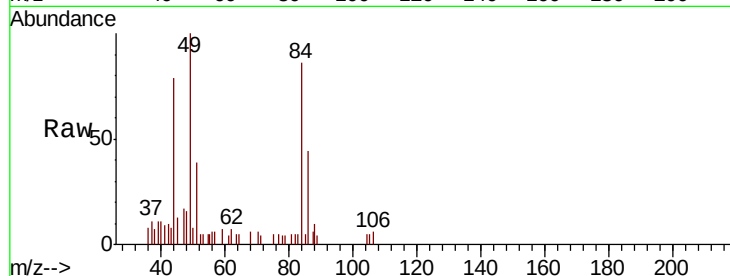




#16
Methvlene chloride
Concen: 0.252 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV016961.D
Acq: 17 Jun 2020 14:27

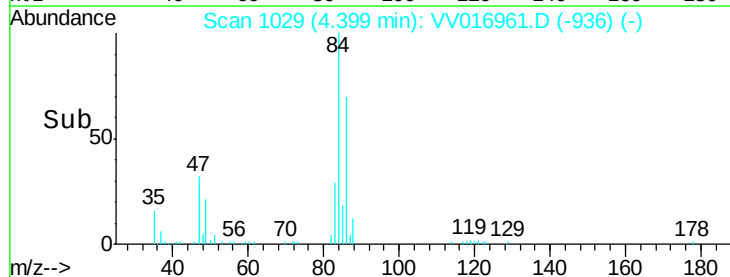
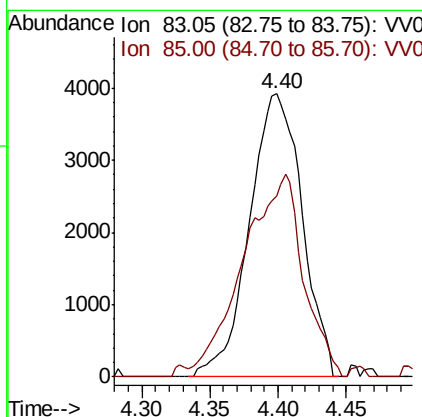
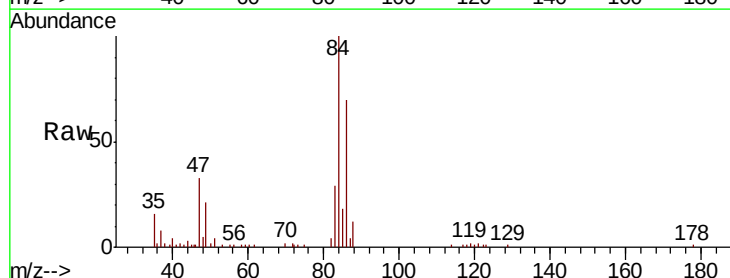
Instrument :
MSVOA_V
ClientSampleId :
C0AF4

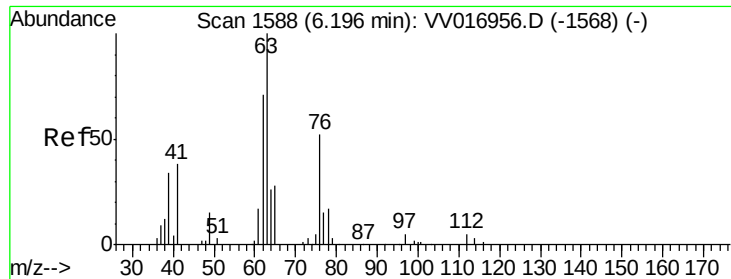
Tot Ion: 84 Resp: 2977
Ion Ratio Lower Upper
84 100
86 51.1 45.8 85.0
49 125.4 89.6 166.4



#25
Chloroform
Concen: 0.366 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV016961.D
Acq: 17 Jun 2020 14:27

Tgt Ion: 83 Resp: 10518
Ion Ratio Lower Upper
83 100
85 64.0 44.2 82.2





#37

1,2-Dichloropropane

Concen: 0.703 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016961.D

Acq: 17 Jun 2020 14:27

Instrument :

MSVOA_V

ClientSampled :

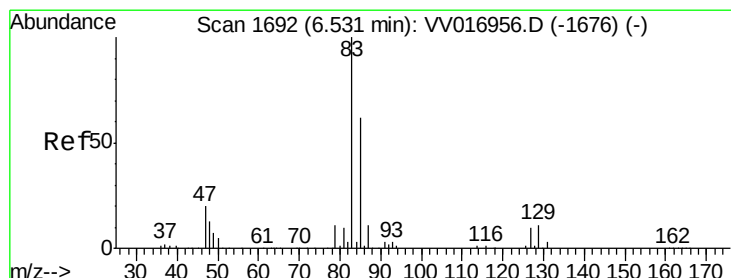
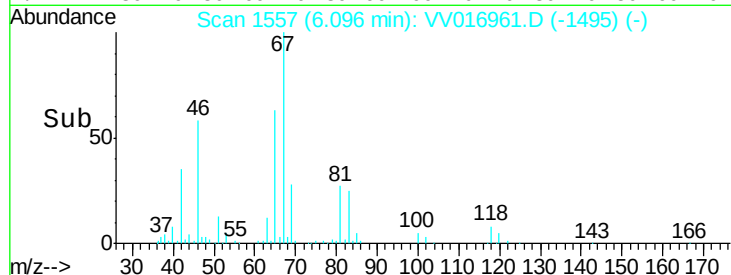
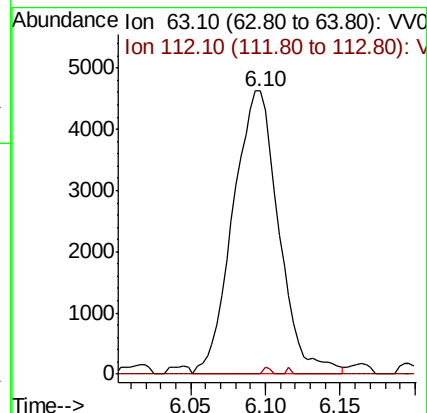
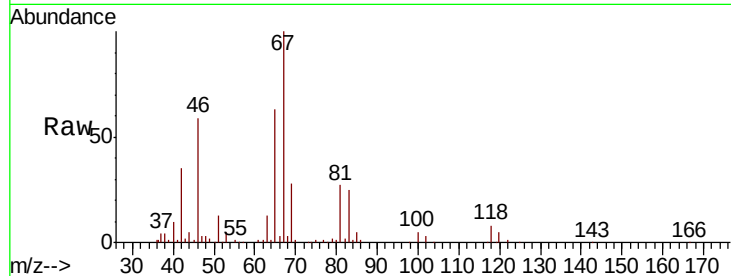
C0AF4

Tot Ion: 63 Resp: 9863

Ion Ratio Lower Upper

63 100

112 0.4 4.4 6.6#



#38

Bromodichloromethane

Concen: 0.053 ug/L

RT: 6.53 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VV016961.D

Acq: 17 Jun 2020 14:27

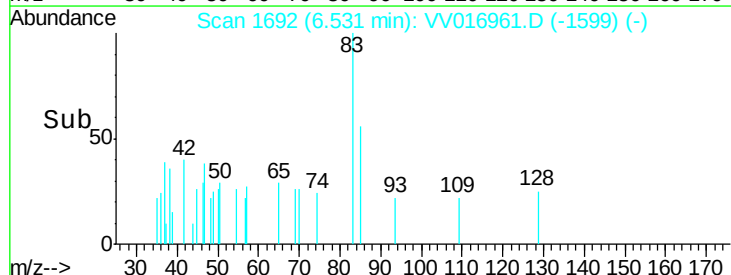
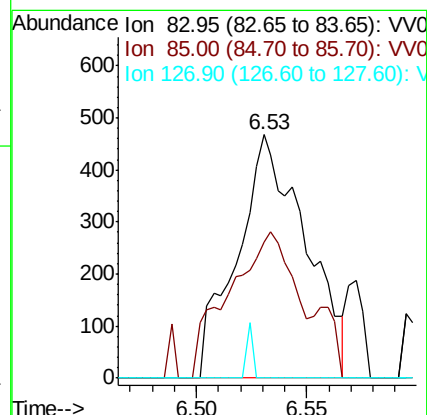
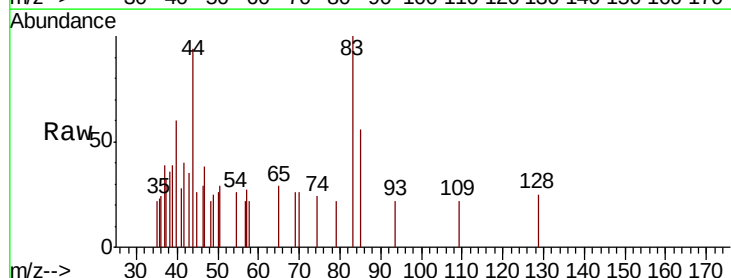
Tgt Ion: 83 Resp: 1009

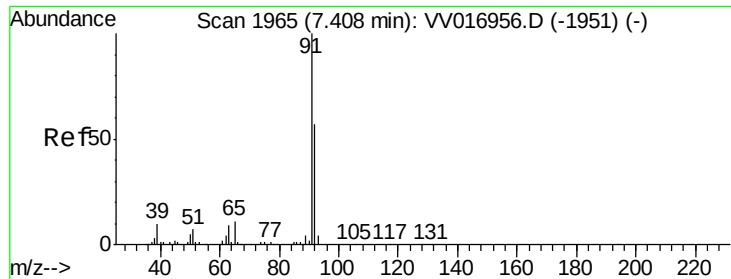
Ion Ratio Lower Upper

83 100

85 55.8 43.4 80.6

127 0.0 7.9 11.9#





#42

Toluene

Concen: 0.074 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016961.D

Acq: 17 Jun 2020 14:27

Instrument :

MSVOA_V

ClientSampleId :

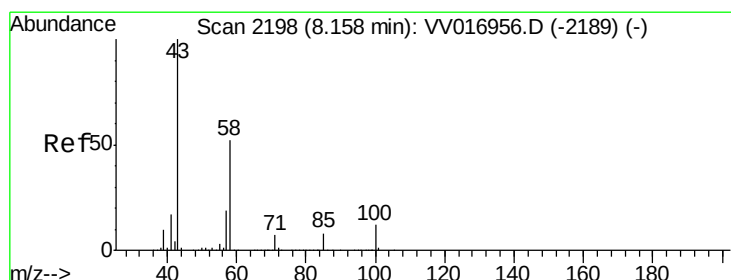
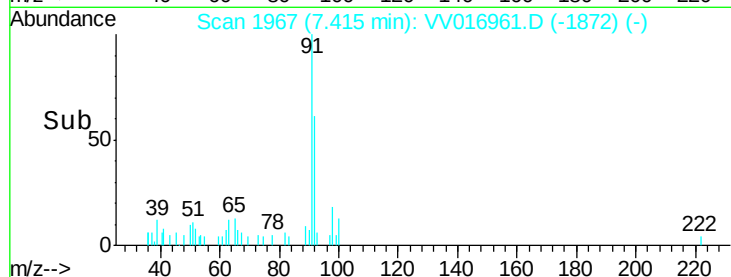
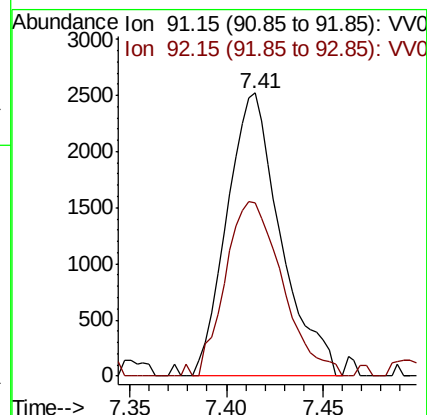
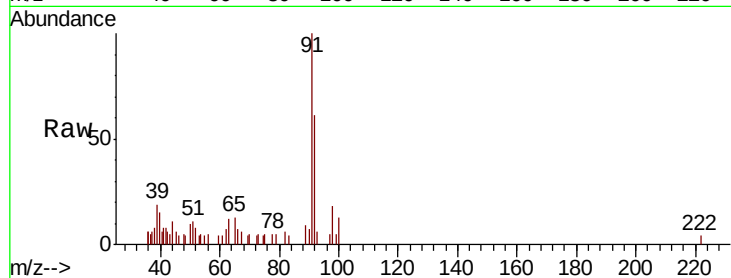
C0AF4

Tot Ion: 91 Resp: 4860

Ion Ratio Lower Upper

91 100

92 61.1 39.9 74.1



#50

2-Hexanone

Concen: 3.074 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV016961.D

Acq: 17 Jun 2020 14:27

Tgt Ion: 43 Resp: 17735

Ion Ratio Lower Upper

43 100

58 38.5 41.6 62.4#

57 19.0 15.4 23.0

100 9.5 10.1 15.1#

