

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016933.D
 Acq On : 15 Jun 2020 13:52
 Operator : SY/MD
 Sample : L2947-02DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXE1DL

Quant Time: Jun 16 05:50:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	366663	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163320	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104250	40.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.58%
7) Chloroethane-d5	1.56	69	74655	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.18%
11) 1,1-Dichloroethene-d2	2.12	63	147132	33.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.74%
21) 2-Butanone-d5	3.90	46	171415	89.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.52%
24) Chloroform-d	4.37	84	232224	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	5.05	65	166762	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
32) Benzene-d6	5.07	84	450421	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.84%
36) 1,2-Dichloropropane-d6	6.09	67	142457	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.18%
41) Toluene-d8	7.34	98	415368	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%
43) trans-1,3-Dichloropropene-	7.64	79	71120	44.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.36%
47) 2-Hexanone-d5	8.11	63	97029	72.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170118	41.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	168905	48.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.92%

Target Compounds

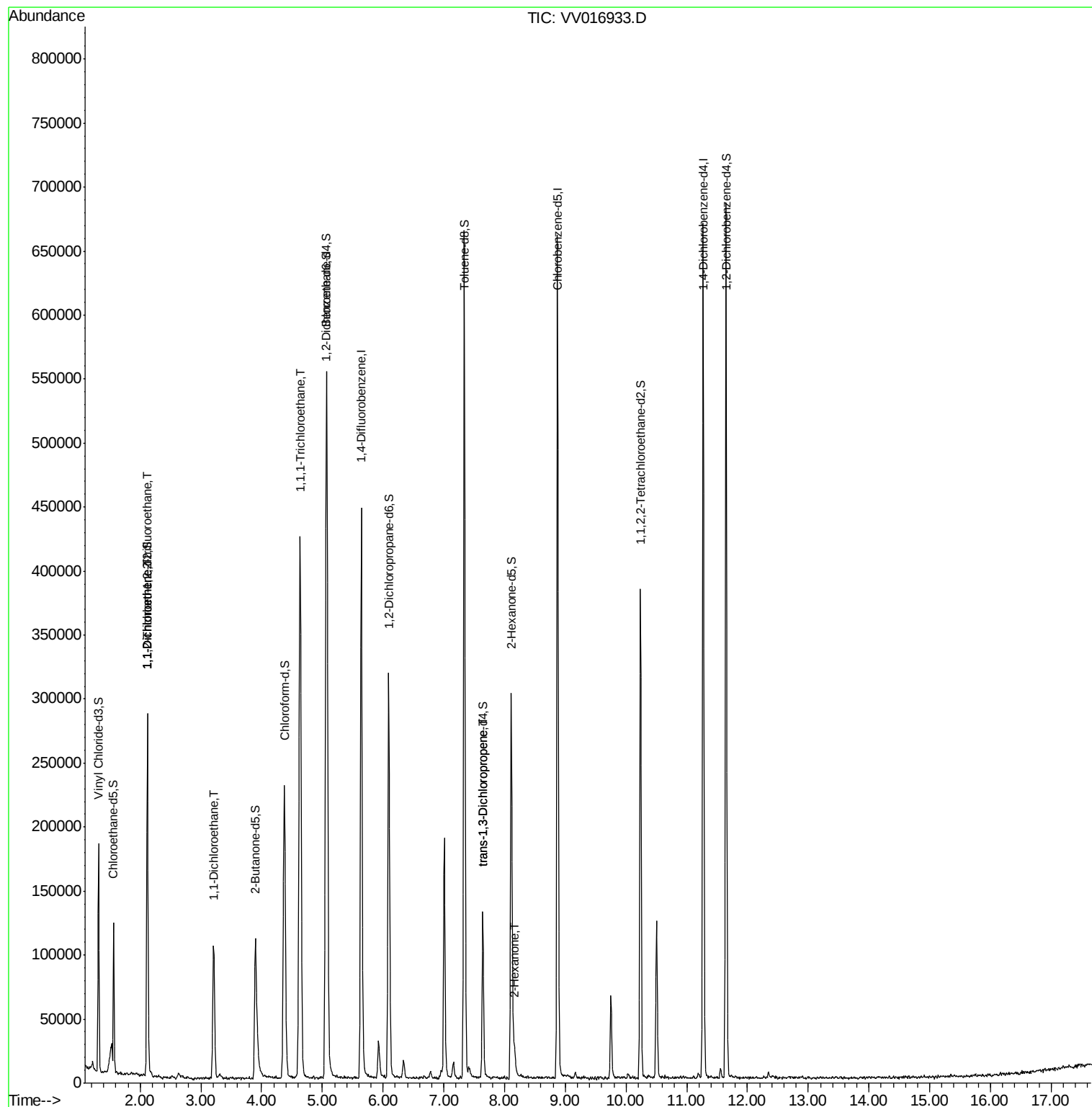
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1469	0.754 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	5046	2.773 ug/L #	1
19) 1,1-Dichloroethane	3.21	63	104977	22.476 ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	340116	77.528 ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3799	0.950 ug/L #	82
48) 2-Hexanone	8.17	43	12408	4.267 ug/L #	83

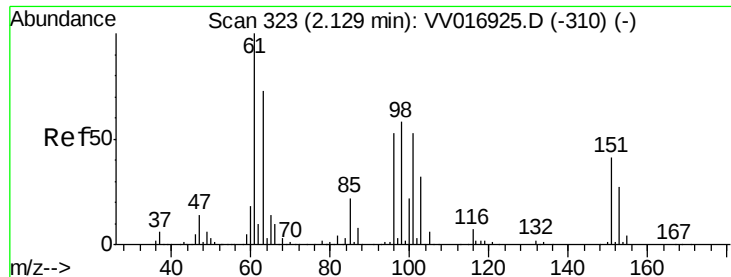
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 16 05:46:50 2020
Response via : Initial Calibration





#10

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

Concen: 0.754 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016933.D

Acq: 15 Jun 2020 13:52

Instrument :

MSVOA_V

ClientSampleId :

BFXE1DL

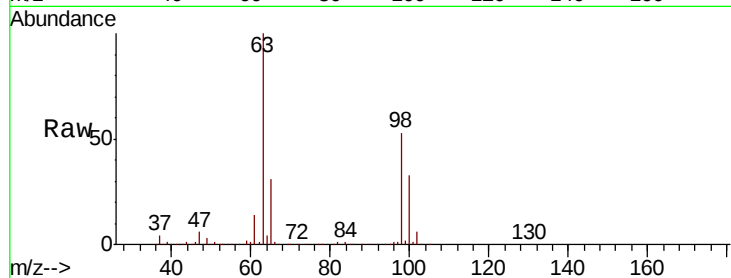
Tot Ion:101 Resp: 1469

Ion Ratio Lower Upper

101 100

85 1.4 35.5 53.3#

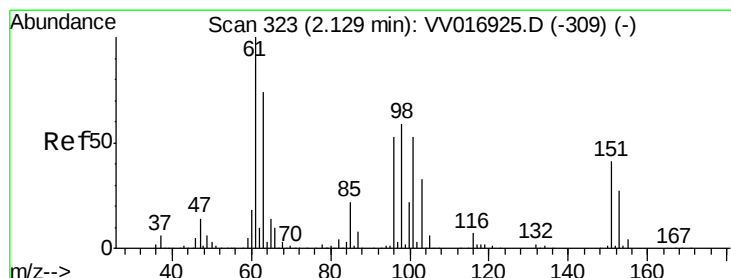
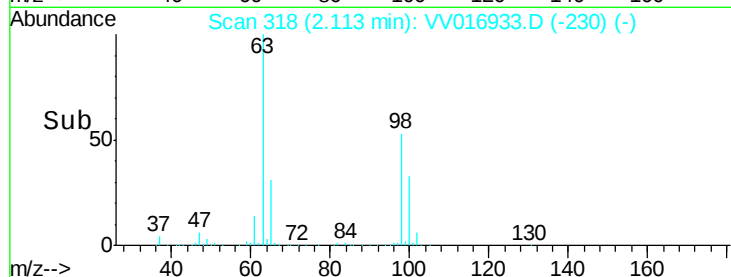
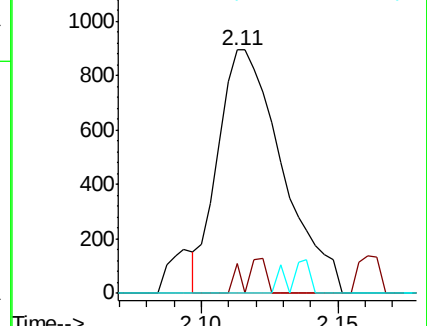
151 0.0 63.9 95.9#



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: 2.773 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016933.D

Acq: 15 Jun 2020 13:52

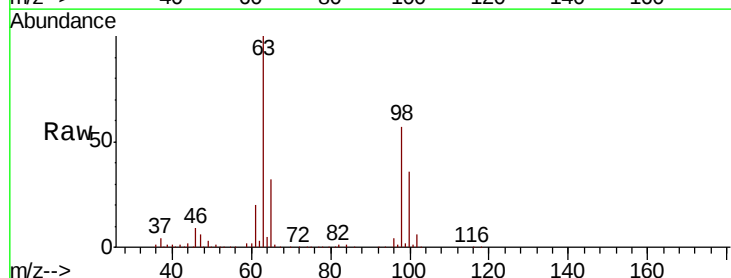
Tgt Ion: 96 Resp: 5046

Ion Ratio Lower Upper

96 100

61 478.8 130.4 242.2#

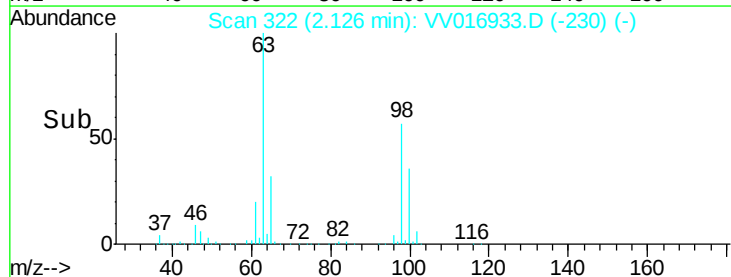
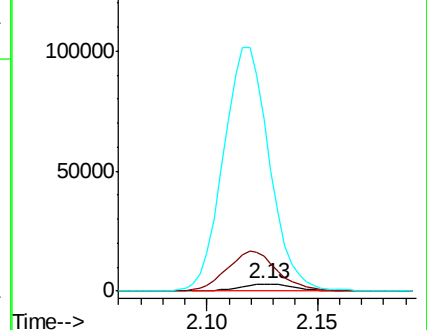
63 2365.6 103.3 191.9#

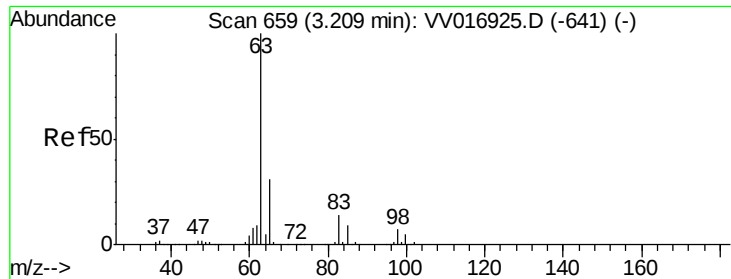


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

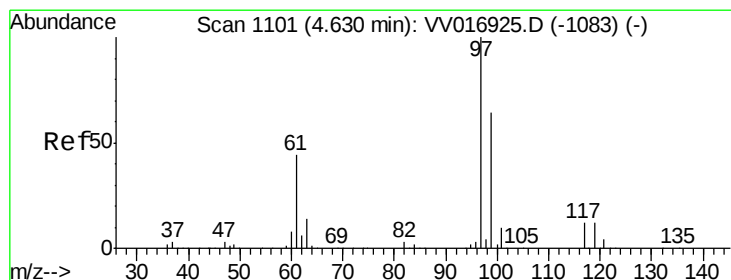
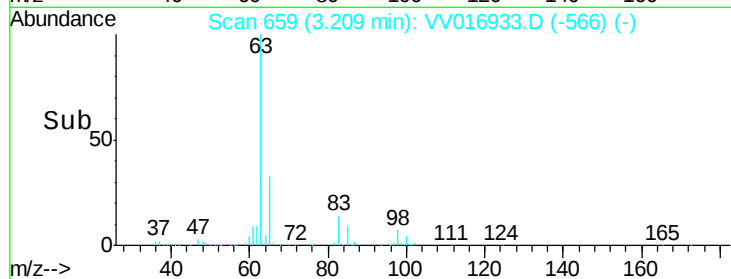
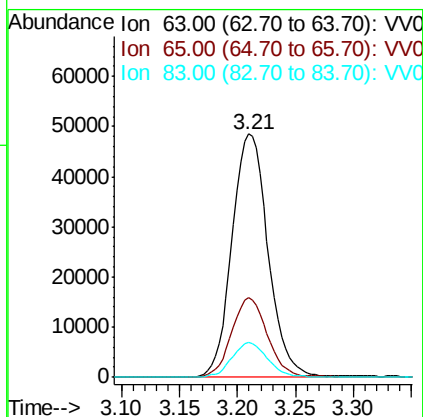
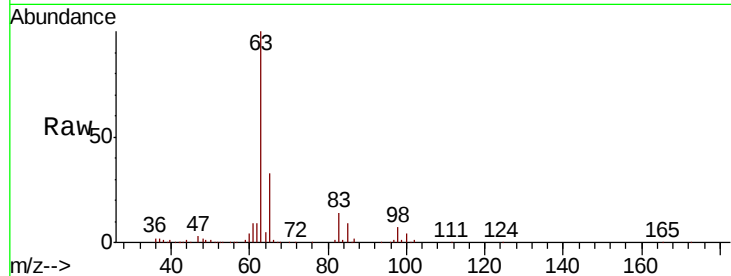




#19
 1,1-Dichloroethane
 Concen: 22.476 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV016933.D
 Acq: 15 Jun 2020 13:52

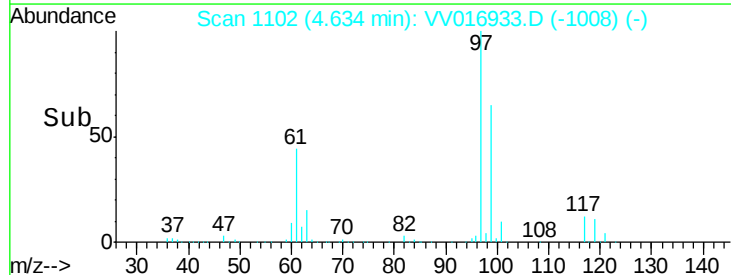
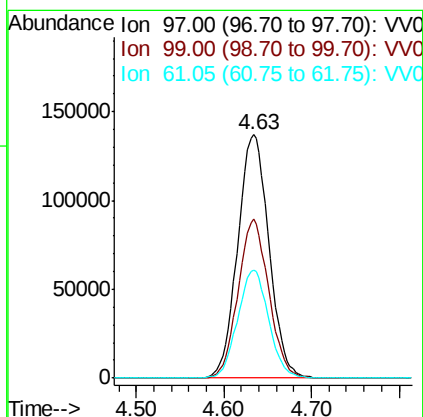
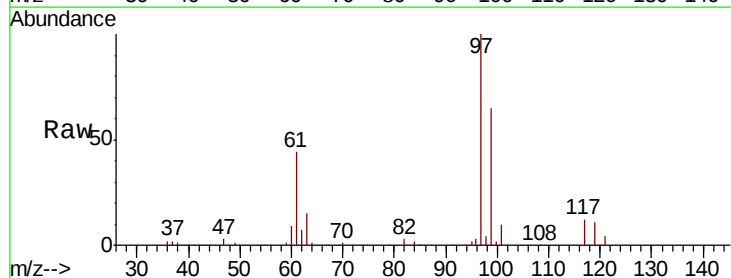
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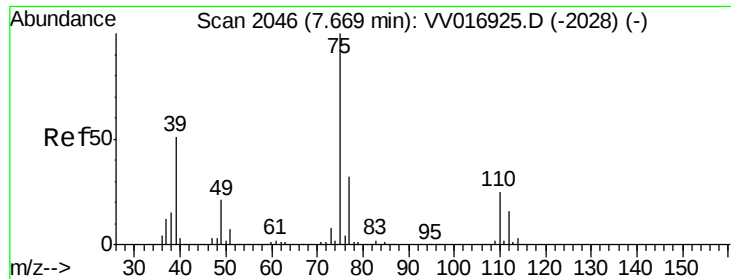
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.2	43.0
83	14.4	10.0	18.6



#30
 1,1,1-Trichloroethane
 Concen: 77.528 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV016933.D
 Acq: 15 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	44.0	36.7	55.1





#44

trans-1,3-Dichloropropene

Concen: 0.950 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016933.D

Acq: 15 Jun 2020 13:52

Instrument :

MSVOA_V

ClientSampleId :

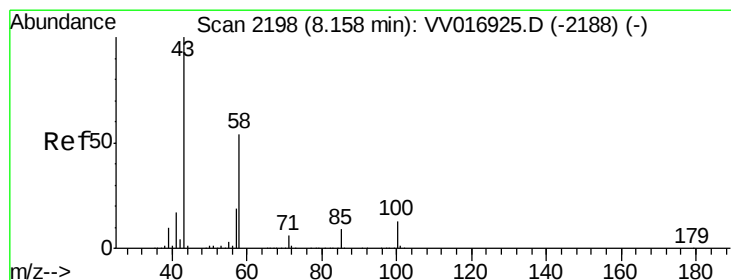
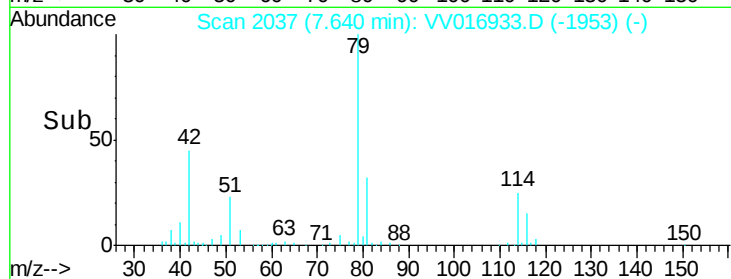
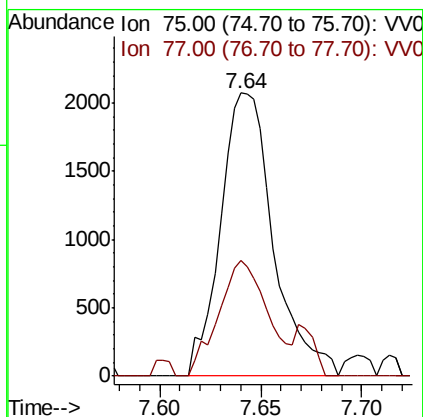
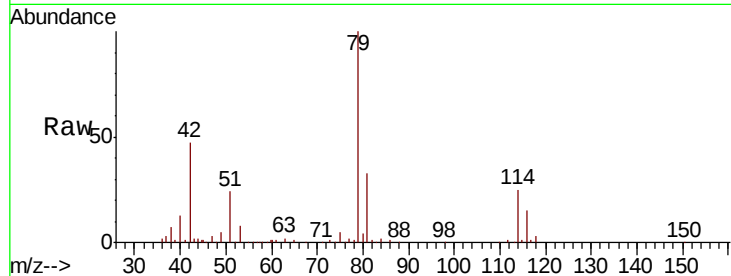
BFXE1DL

Tot Ion: 75 Resp: 3799

Ion Ratio Lower Upper

75 100

77 41.1 21.7 40.3#



#48

2-Hexanone

Concen: 4.267 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016933.D

Acq: 15 Jun 2020 13:52

Tgt Ion: 43 Resp: 12408

Ion Ratio Lower Upper

43 100

58 45.8 43.1 64.7

57 4.3 15.3 22.9#

100 4.9 10.0 15.0#

