

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015274.D
 Acq On : 30 Mar 2020 16:05
 Operator : SY/MD
 Sample : L1941-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:20:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 02:12:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	607872	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	576771	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	252442	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	214486	48.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.78%
7) Chloroethane-d5	1.58	69	198245	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.12%
11) 1,1-Dichloroethene-d2	2.12	63	343780	35.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.94%
21) 2-Butanone-d5	3.94	46	297854	102.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.52	84	272	0.03	ug/L	0.14
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.06%#
26) 1,2-Dichloroethane-d4	5.06	65	256181	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.08	84	742164	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
36) 1,2-Dichloropropane-d6	6.10	67	236070	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.28%
41) Toluene-d8	7.34	98	694271	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%
43) trans-1,3-Dichloropropene-	7.64	79	121586	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.84%
47) 2-Hexanone-d5	8.12	63	232053	105.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	338498	48.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	244279	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%

Target Compounds

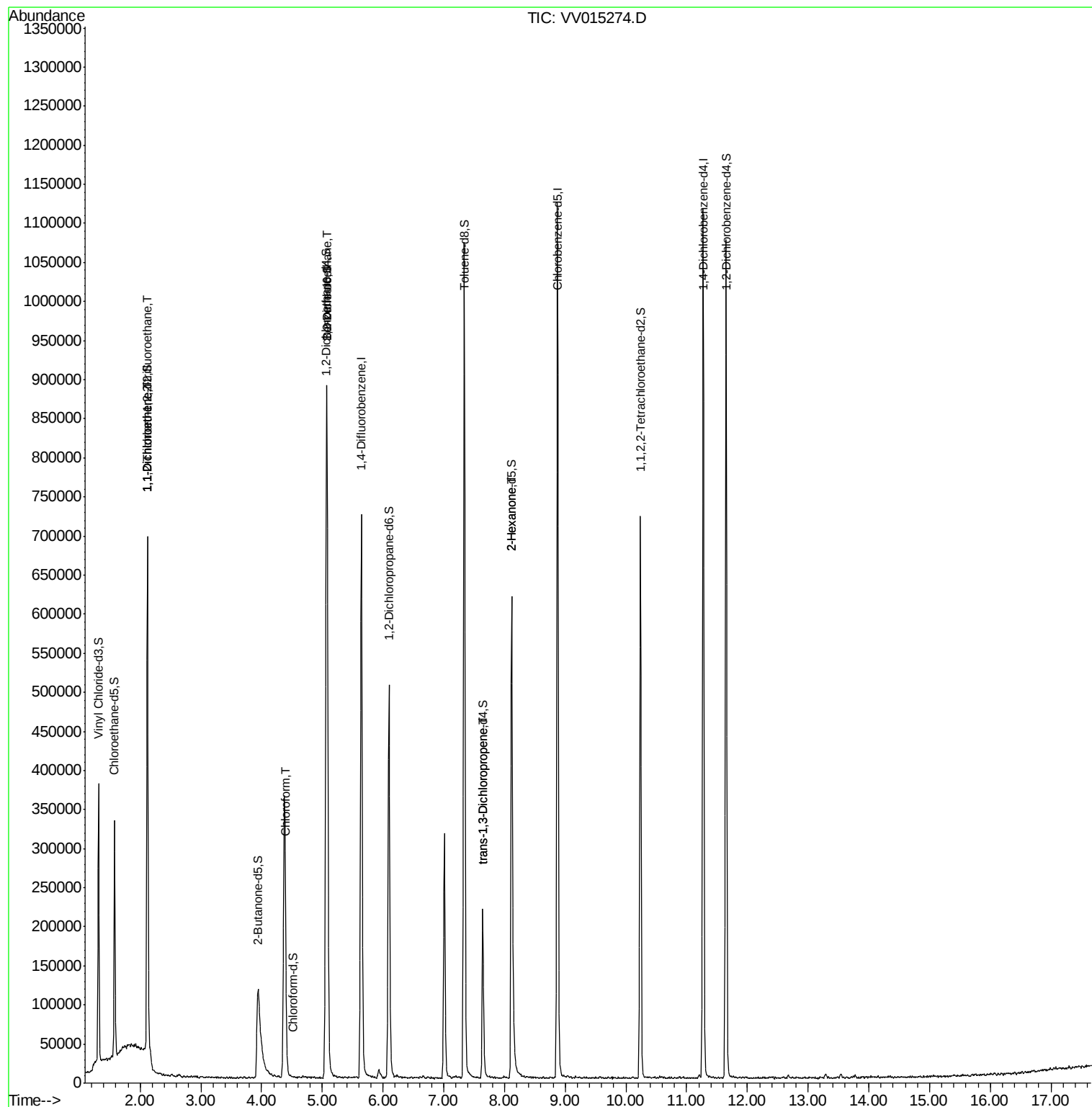
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3783	0.815 ug/L #	31
12) 1,1-Dichloroethene	2.12	96	3247	0.722 ug/L #	1
25) Chloroform	4.40	83	12088	1.612 ug/L	94
27) 1,2-Dichloroethane	5.08	62	4699	0.788 ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	6038	0.937 ug/L	88
48) 2-Hexanone	8.12	43	32589	7.356 ug/L #	80

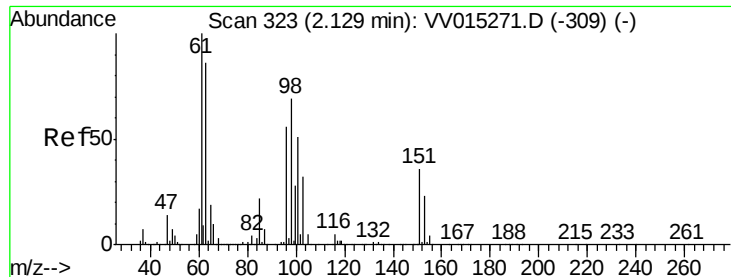
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.815 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015274.D

Acq: 30 Mar 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

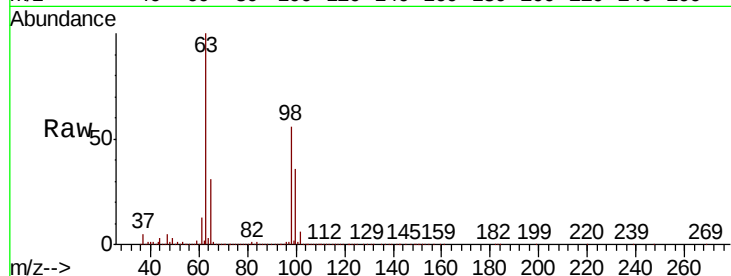
Tot Ion:101 Resp: 3783

Ion Ratio Lower Upper

101 100

85 5.7 35.0 52.6#

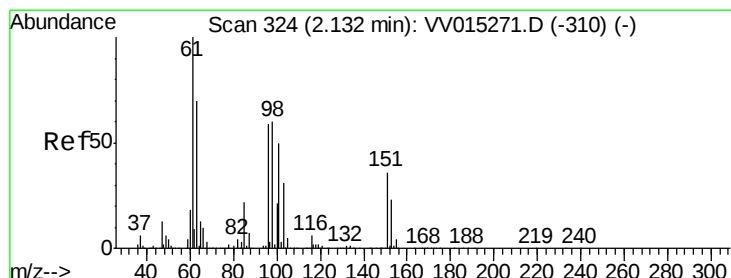
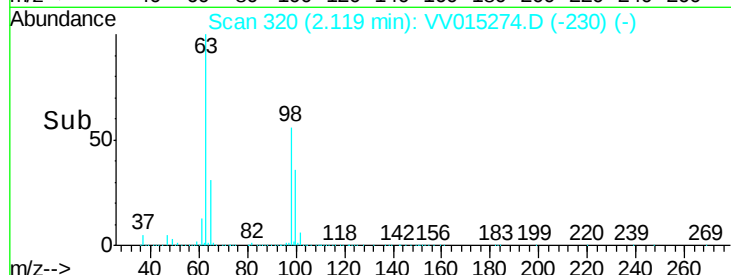
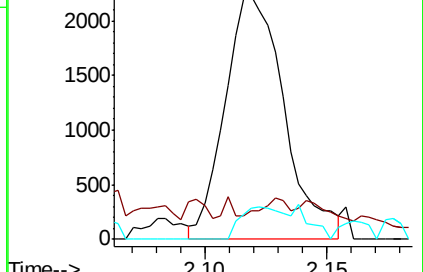
151 10.1 58.2 87.4#



Abundance Ion 101.00 (100.70 to 101.70): VV015274.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV015274.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV015274.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 0.722 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015274.D

Acq: 30 Mar 2020 16:05

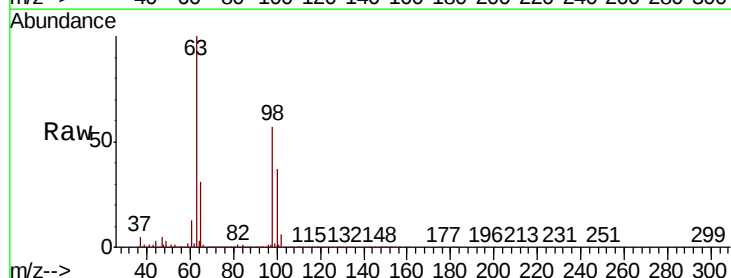
Tgt Ion: 96 Resp: 3247

Ion Ratio Lower Upper

96 100

61 1456.8 120.9 224.5#

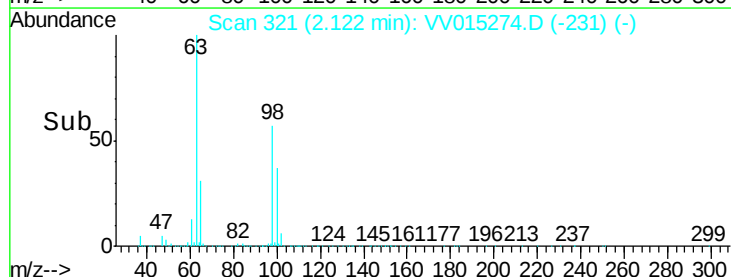
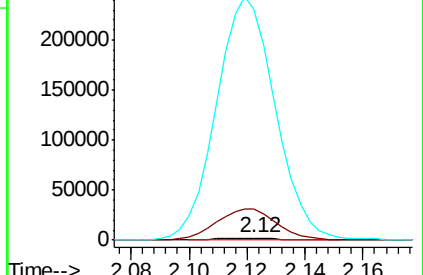
63 11031.2 81.2 150.8#

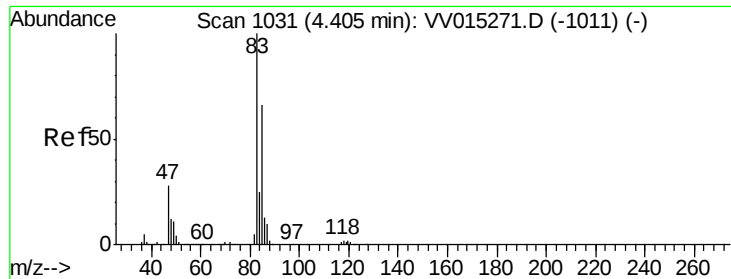


Abundance Ion 96.00 (95.70 to 96.70): VV015274.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV015274.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV015274.D (-231) (-)





#25

Chloroform

Concen: 1.612 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV015274.D

Acq: 30 Mar 2020 16:05

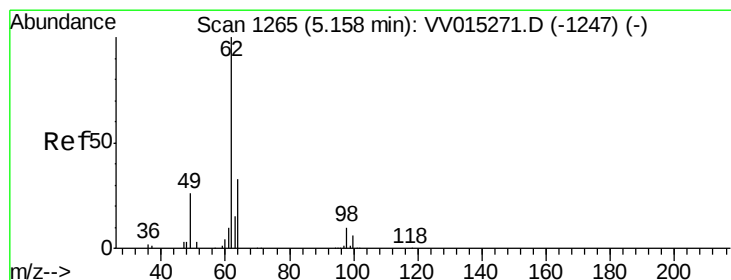
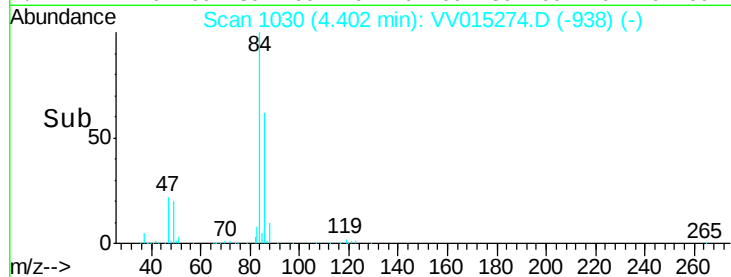
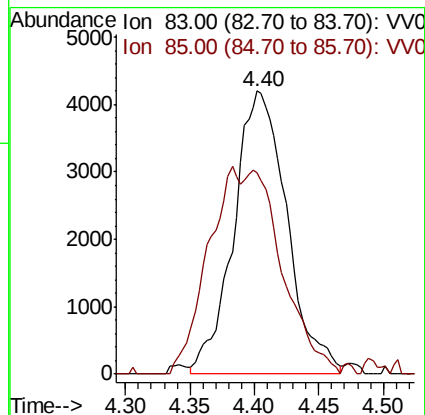
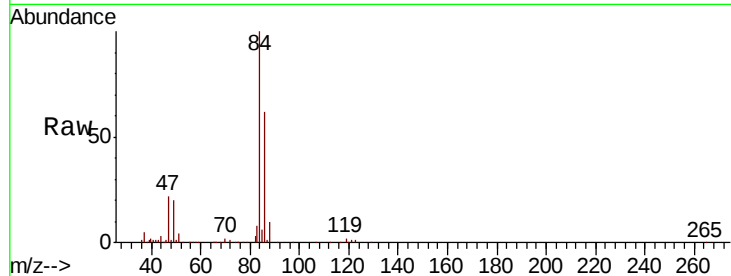
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 12088

Ion Ratio Lower Upper

83 100

85 71.3 46.6 86.6



#27

1,2-Dichloroethane

Concen: 0.788 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV015274.D

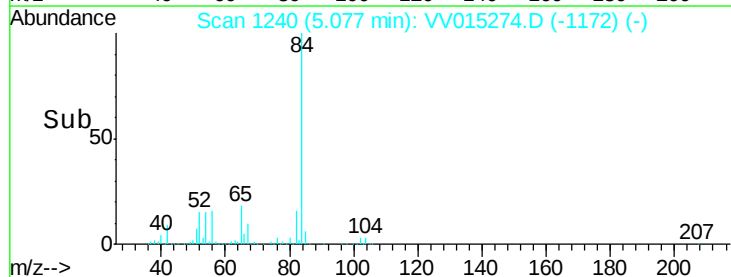
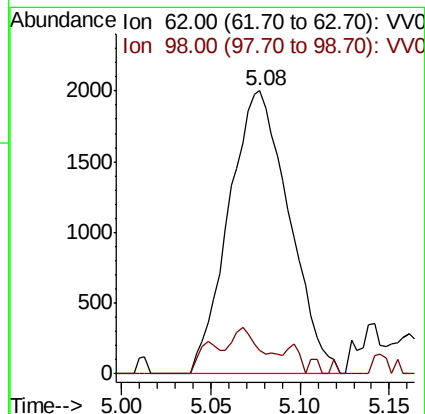
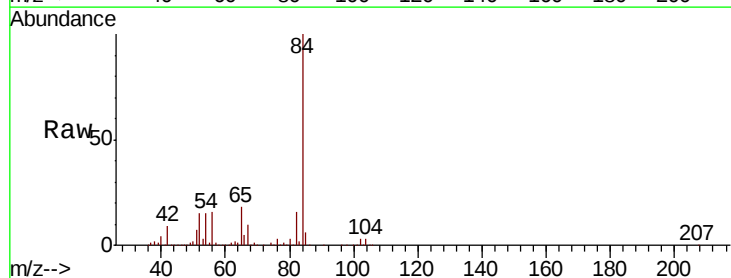
Acq: 30 Mar 2020 16:05

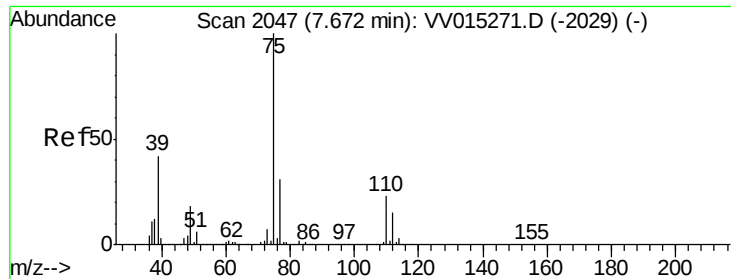
Tgt Ion: 62 Resp: 4699

Ion Ratio Lower Upper

62 100

98 8.2 7.4 11.0





#44

trans-1,3-Dichloropropene

Concen: 0.937 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015274.D

Acq: 30 Mar 2020 16:05

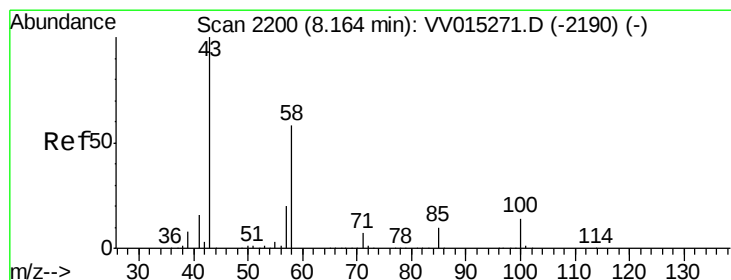
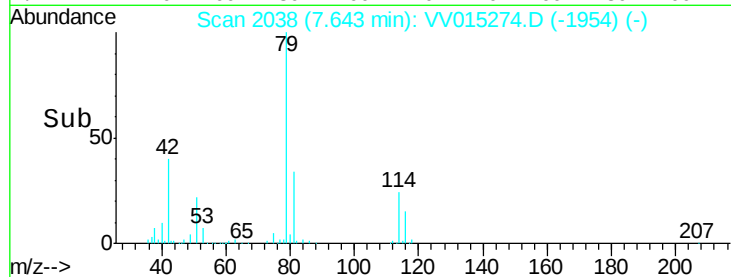
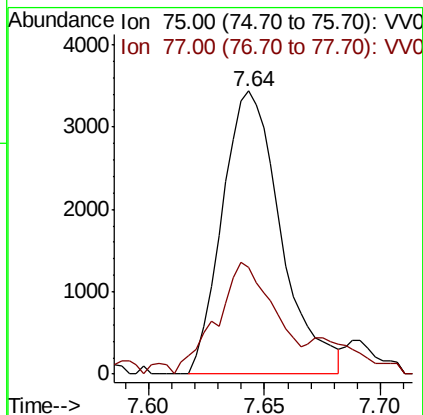
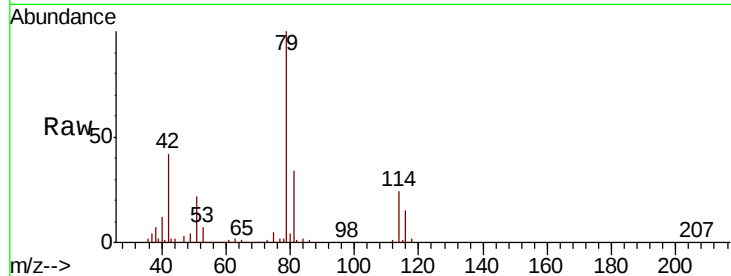
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 6038

Ion Ratio Lower Upper

75 100

77 37.6 21.8 40.4



#48

2-Hexanone

Concen: 7.356 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015274.D

Acq: 30 Mar 2020 16:05

Tgt Ion: 43 Resp: 32589

Ion Ratio Lower Upper

43 100

58 41.7 47.0 70.6#

57 18.9 16.2 24.2

100 0.2 11.0 16.6#

