

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016413.D
 Acq On : 01 Jun 2020 15:46
 Operator : SY/MD
 Sample : L2826-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 01:17:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 01:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	65886	5.00	ug/L	-0.02
28) Chlorobenzene-d5	8.88	117	82956	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	35984	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29072	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.57	69	23412	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.11	63	42414	4.20	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.96	46	51920	41.72	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.44%
24) Chloroform-d	4.38	84	50162	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.05	65	28485	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.06	84	89029	3.78	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
36) 1,2-Dichloropropane-d6	6.07	67	22113	3.04	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	60.80%
41) Toluene-d8	7.32	98	92148	4.28	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
45) trans-1,3-Dichloropropene-	7.65	79	11580	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
48) 2-Hexanone-d5	8.14	63	62568	51.22	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.44%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25637	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	32536	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

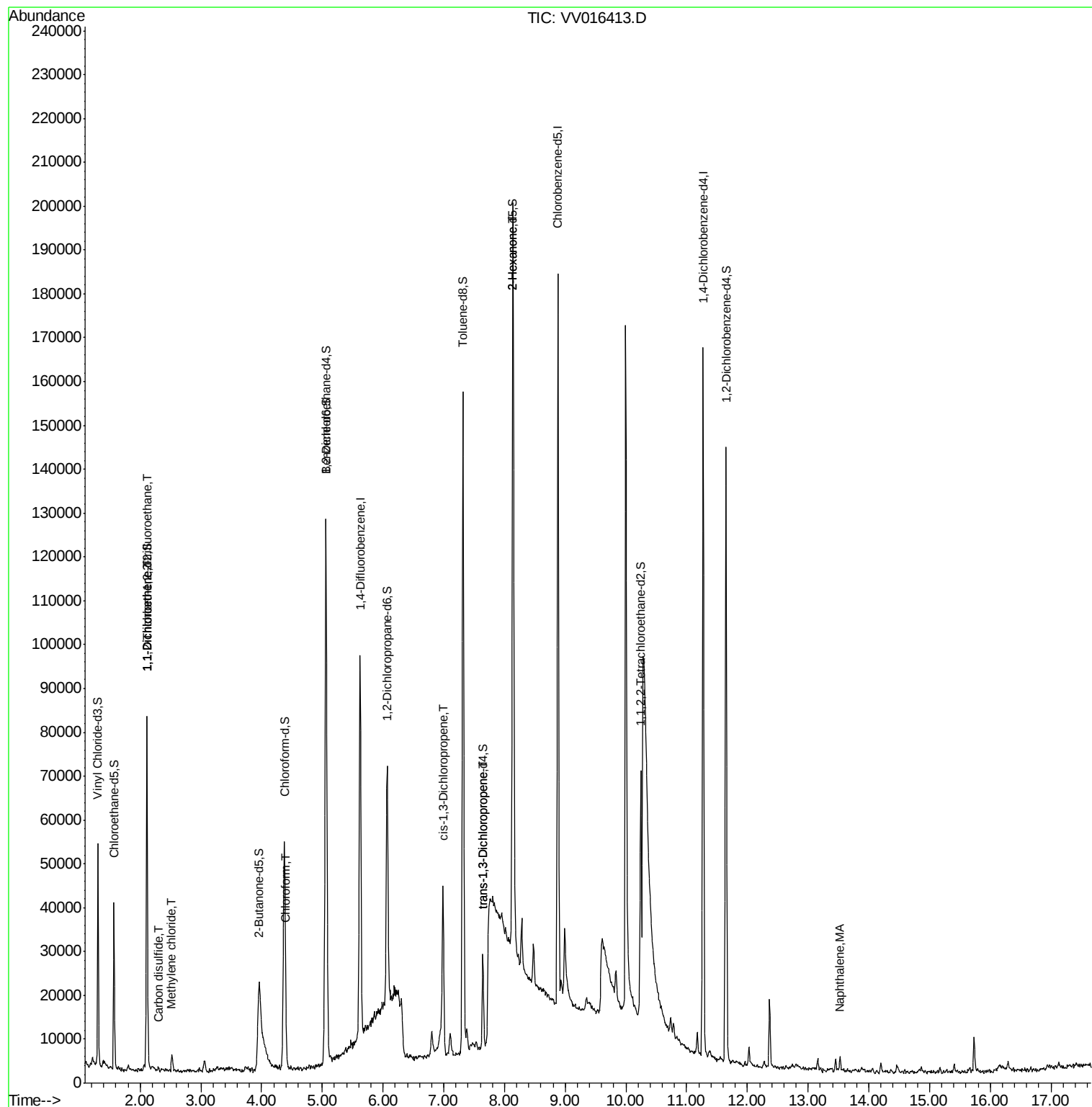
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	394	0.088	ug/L #	21
12) 1,1-Dichloroethene	2.11	96	327	0.077	ug/L #	1
14) Carbon disulfide	2.29	76	778	0.060	ug/L #	76
16) Methylene chloride	2.52	84	1304	0.287	ug/L	91
25) Chloroform	4.41	83	970	0.109	ug/L	99
39) cis-1,3-Dichloropropene	6.99	75	1326	0.162	ug/L #	54
46) trans-1,3-Dichloropropene	7.65	75	619	0.091	ug/L #	1
50) 2-Hexanone	8.14	43	9441	3.609	ug/L #	65
70) Naphthalene	13.53	128	2862	0.174	ug/L #	94

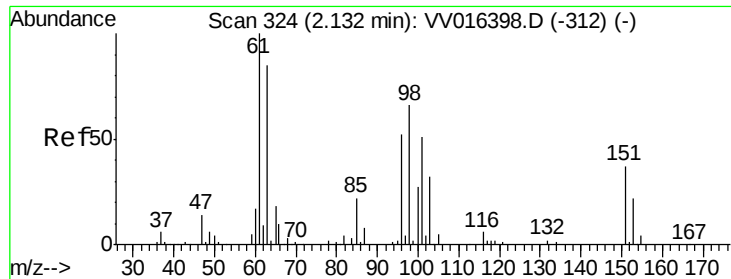
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration





#10

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

Concen: 0.088 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016413.D

Acq: 01 Jun 2020 15:46

Instrument :

MSVOA_V

ClientSampleId :

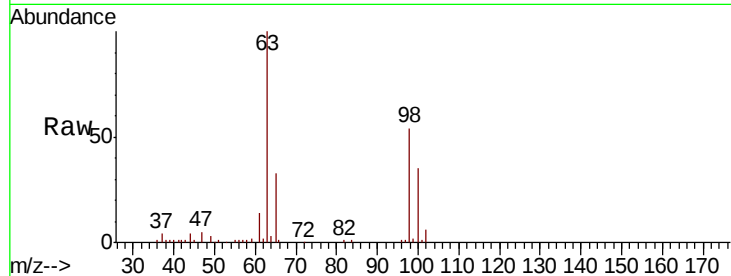
Tot Ion:101 Resp: 394

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

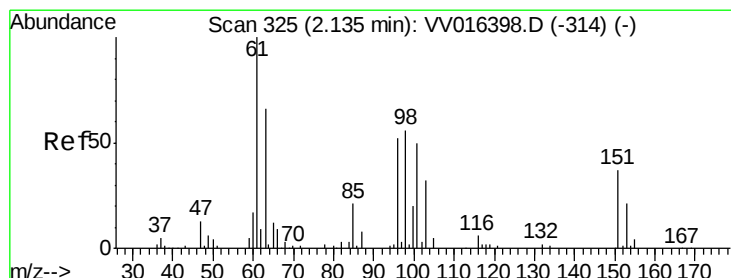
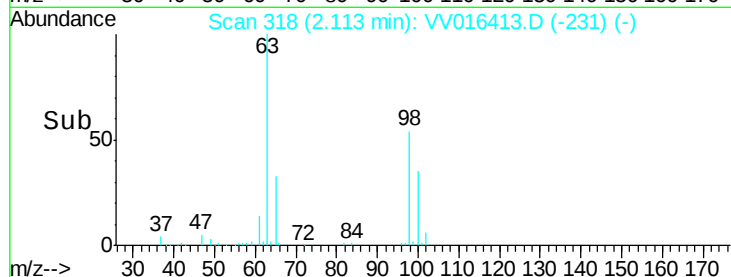
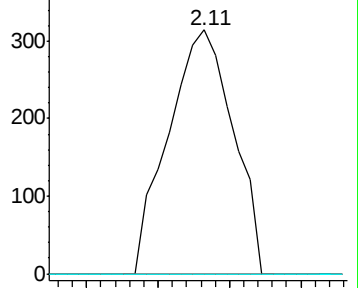
151 0.0 57.2 85.8#



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: 0.077 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016413.D

Acq: 01 Jun 2020 15:46

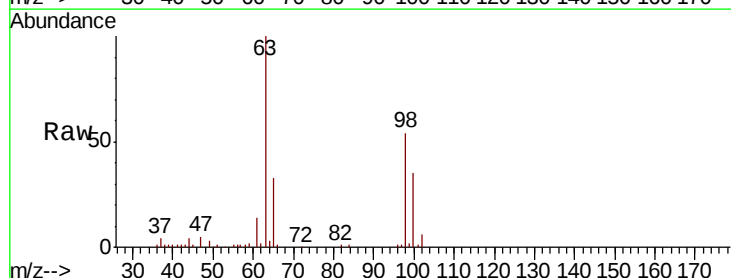
Tgt Ion: 96 Resp: 327

Ion Ratio Lower Upper

96 100

61 1607.2 125.4 233.0#

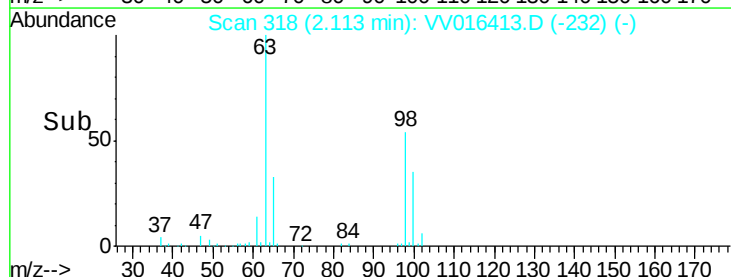
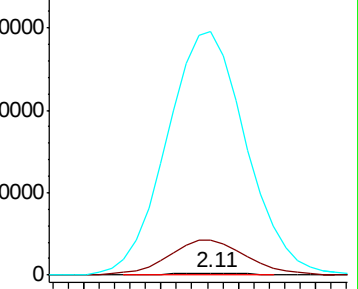
63 11190.9 88.2 163.8#

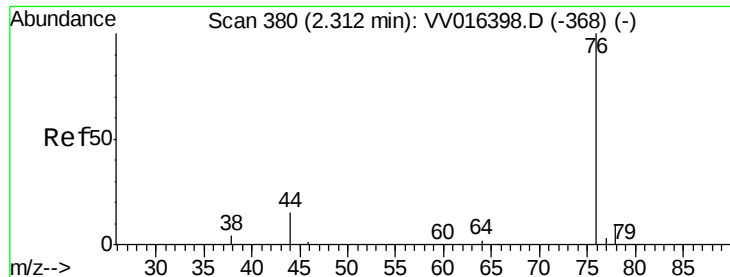


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.060 ug/L

RT: 2.29 min Scan# 374

Delta R.T. -0.02 min

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Acq: 01 Jun 2020 15:46

Instrument :

MSVOA_V

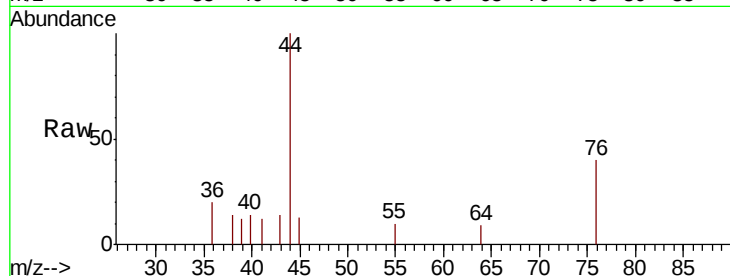
ClientSampled :

Tot Ion: 76 Resp: 778

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.29

500

400

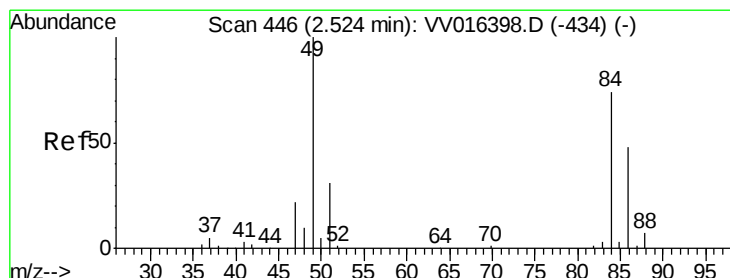
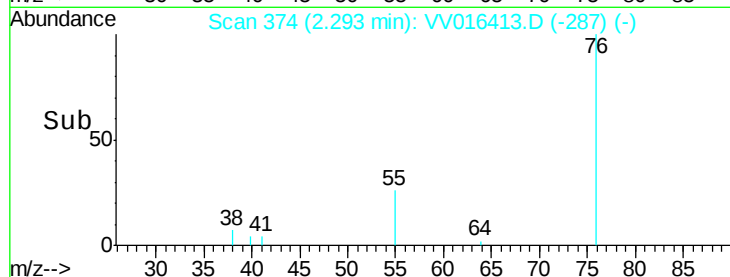
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 0.287 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV016413.D

Acq: 01 Jun 2020 15:46

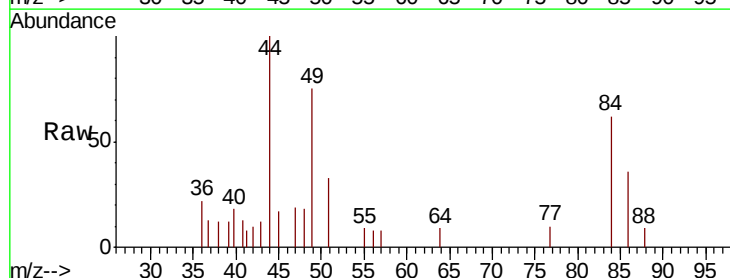
Tgt Ion: 84 Resp: 1304

Ion Ratio Lower Upper

84 100

86 57.4 44.5 82.7

49 120.8 92.3 171.3



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

1200

1000

800

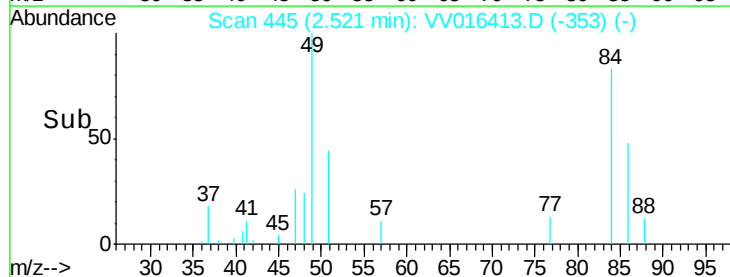
600

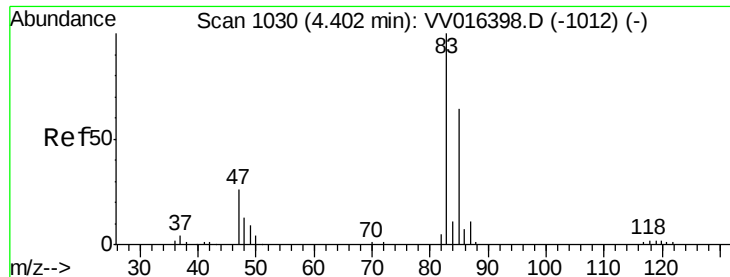
400

200

0

Time-->

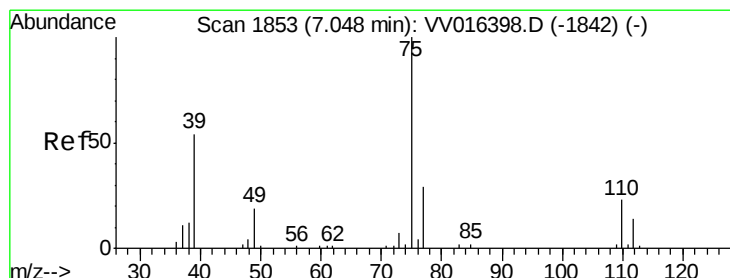
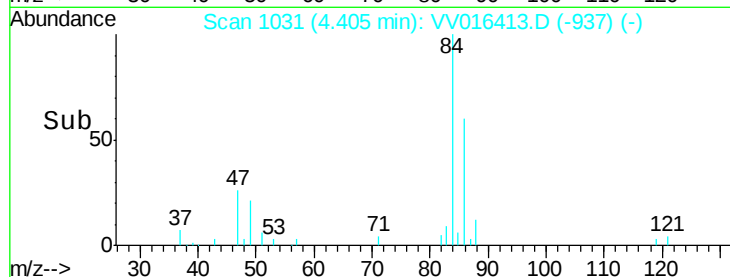
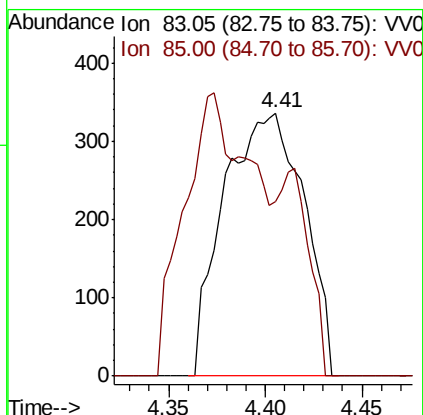
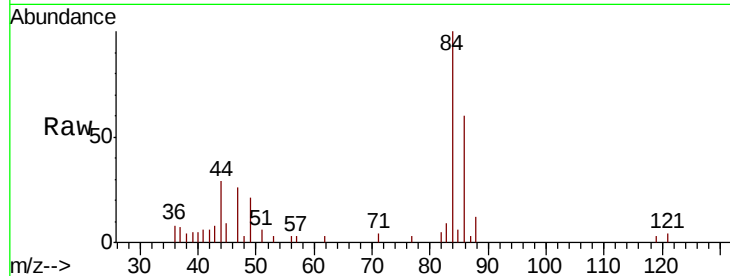




#25
Chloroform
Concen: 0.109 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016413.D
Acq: 01 Jun 2020 15:46

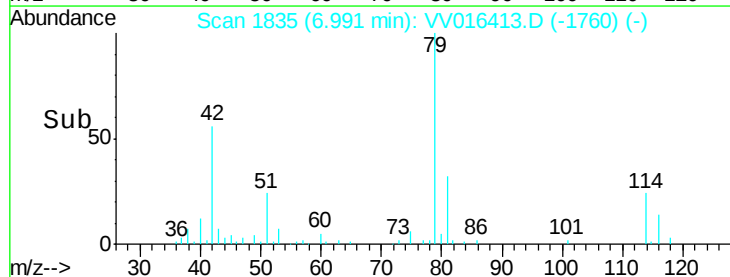
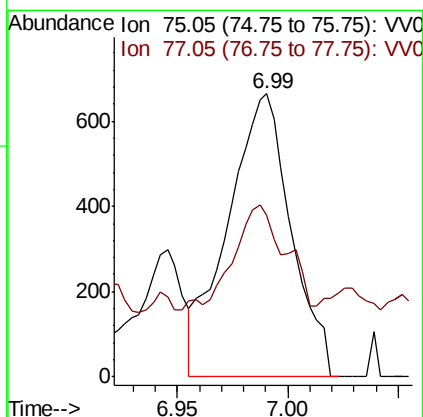
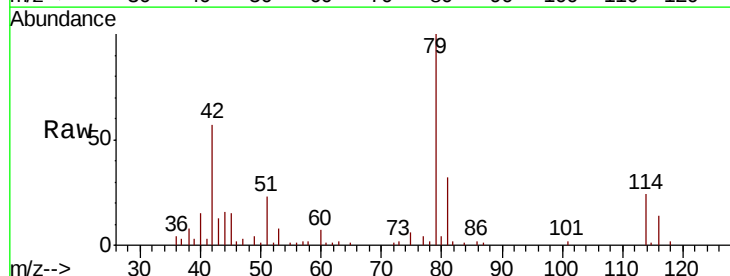
Instrument :
MSVOA_V
ClientSampleId :

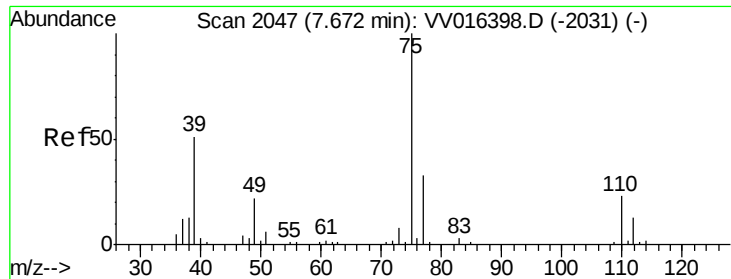
Tot Ion: 83 Resp: 970
Ion Ratio Lower Upper
83 100
85 66.4 45.8 85.2



#39
cis-1,3-Dichloropropene
Concen: 0.162 ug/L
RT: 6.99 min Scan# 1835
Delta R.T. -0.06 min
Lab File: VV016413.D
Acq: 01 Jun 2020 15:46

Tgt Ion: 75 Resp: 1326
Ion Ratio Lower Upper
75 100
77 57.1 22.0 41.0#





#46

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016413.D

Acq: 01 Jun 2020 15:46

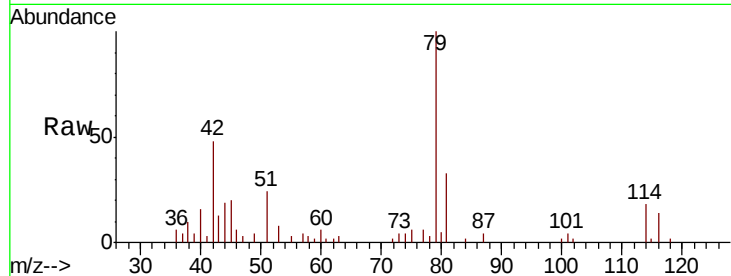
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 619

Ion Ratio Lower Upper

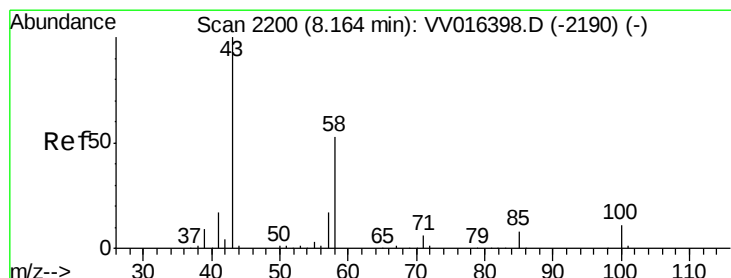
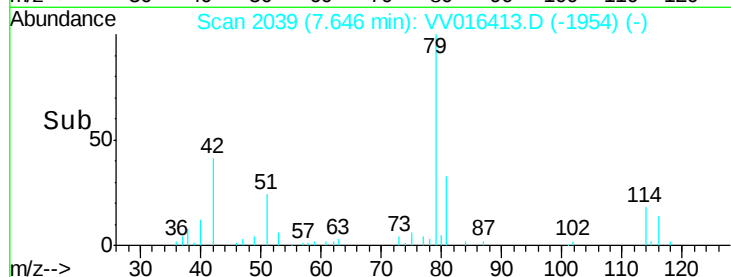
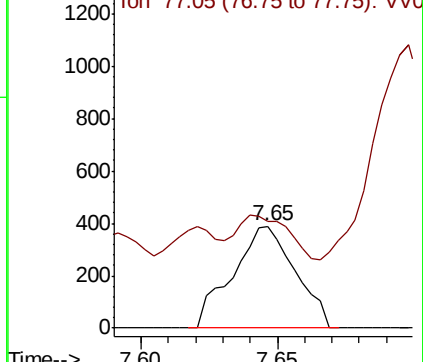
75 100

77 104.4 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 3.609 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.03 min

Lab File: VV016413.D

Acq: 01 Jun 2020 15:46

Tgt Ion: 43 Resp: 9441

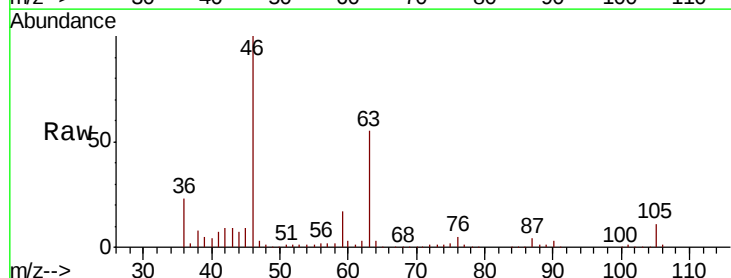
Ion Ratio Lower Upper

43 100

58 21.4 41.1 61.7#

57 26.5 14.2 21.4#

100 1.6 8.8 13.2#

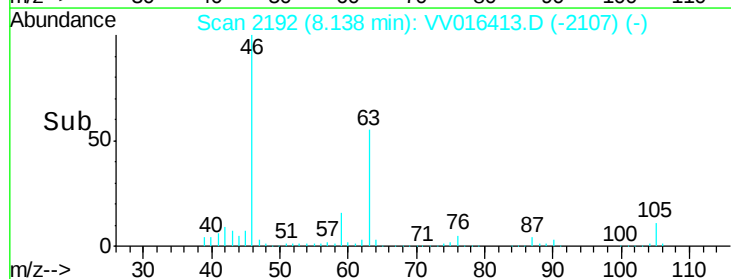
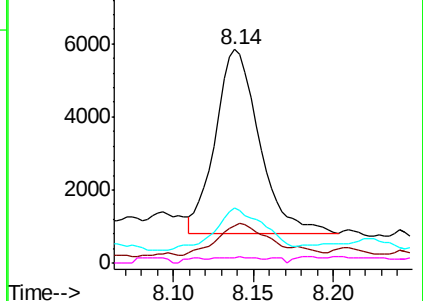


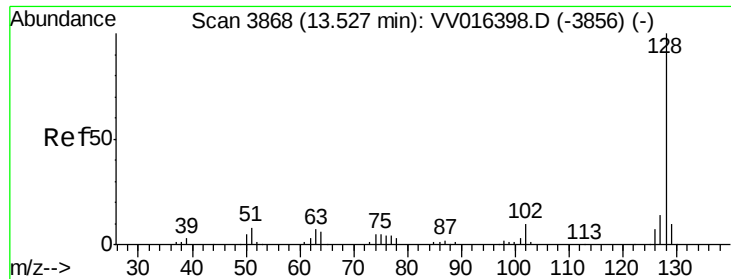
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#70

Naphthalene

Concen: 0.174 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

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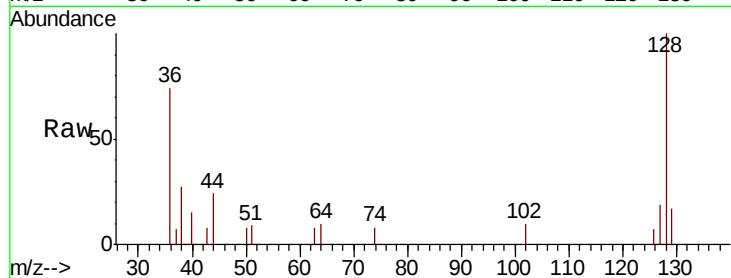
Tot Ion:128 Resp: 2862

Ion Ratio Lower Upper

128 100

129 13.1 8.6 12.8#

127 16.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

