

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015196.D
 Acq On : 27 Mar 2020 05:46
 Operator : SY/MD
 Sample : L1976-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 07:04:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 06:56:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	728046	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	706754	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	297569	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.25	65	144	0.04	ug/L	-0.06
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.08%#
7) Chloroethane-d5	1.58	69	153689	39.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.06%
11) 1,1-Dichloroethene-d2	2.13	63	1884107	211.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	423.06%#
21) 2-Butanone-d5	4.18	46	174	0.04	ug/L	0.24
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.04%#
24) Chloroform-d	4.39	84	358959	41.93	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.86%
26) 1,2-Dichloroethane-d4	5.07	65	252612	44.70	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
32) Benzene-d6	5.09	84	723566	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
36) 1,2-Dichloropropane-d6	6.12	67	239009	45.58	ug/L	0.02
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.16%
41) Toluene-d8	7.34	98	666823	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%
43) trans-1,3-Dichloropropene-	7.65	79	91284	31.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.92%
47) 2-Hexanone-d5	8.12	63	253203	82.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	367481	41.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	246864	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%

Target Compounds

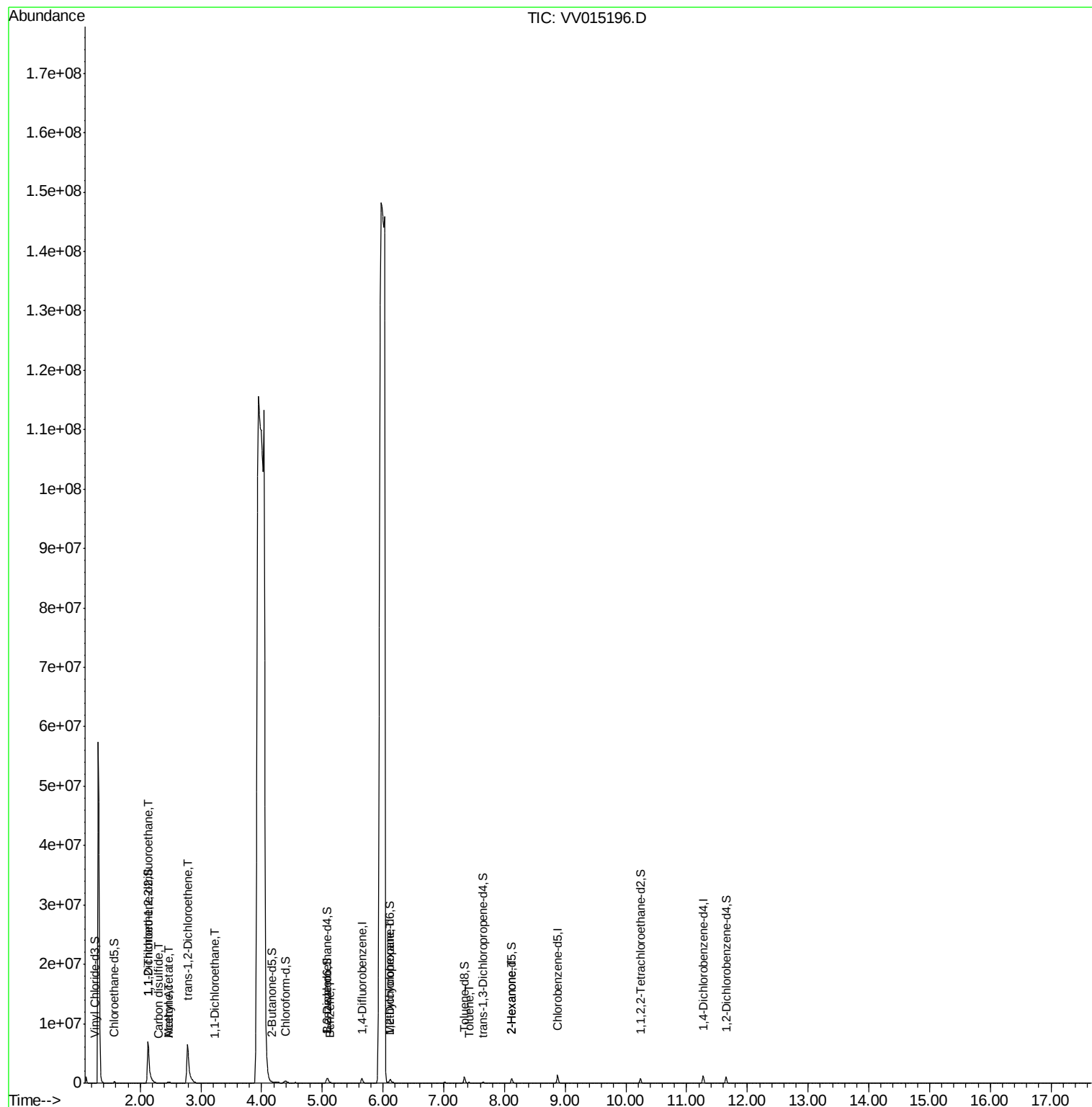
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	8432	1.414	ug/L #	31
13) Acetone	2.47	43	309872	115.198	ug/L	100
14) Carbon disulfide	2.31	76	10378	0.689	ug/L	96
15) Methyl Acetate	2.47	43	348498	62.581	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	3675020	720.158	ug/L	99
19) 1,1-Dichloroethane	3.22	63	9972	1.058	ug/L	91
33) Benzene	5.14	78	68397	3.251	ug/L	100
35) Methylcyclohexane	6.12	83	58033	6.371	ug/L #	20
42) Toluene	7.41	91	77124	3.285	ug/L	98
48) 2-Hexanone	8.12	43	31129	4.859	ug/L #	85

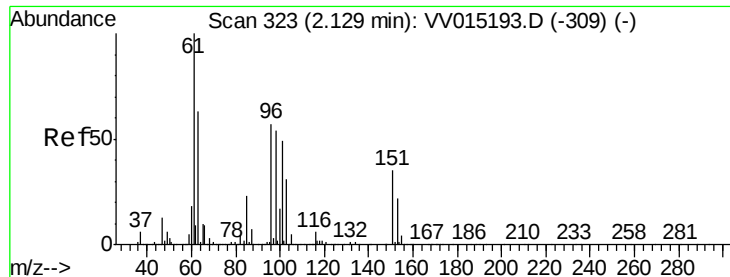
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.414 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV015196.D

Acq: 27 Mar 2020 05:46

Instrument :

MSVOA_V

ClientSampleId :

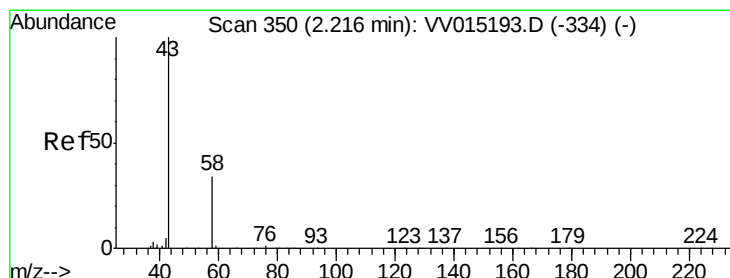
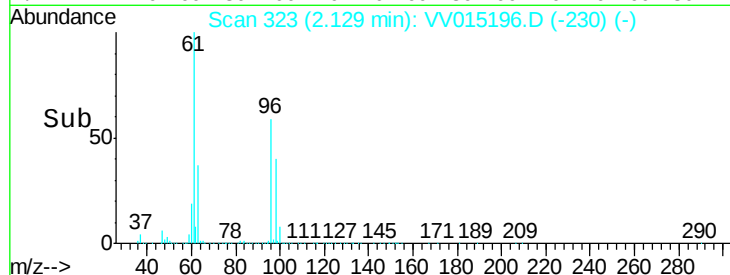
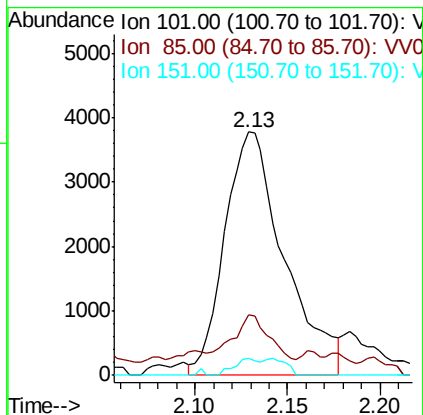
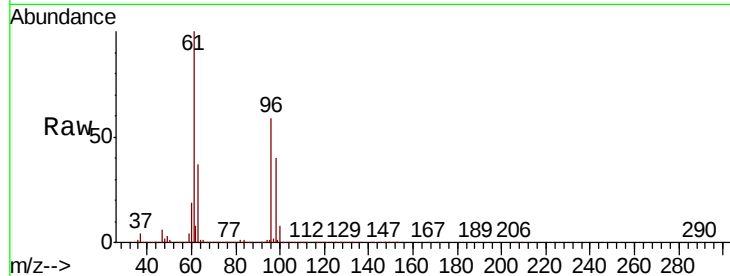
Tot Ion:101 Resp: 8432

Ion Ratio Lower Upper

101 100

85 15.0 37.1 55.7#

151 3.0 57.7 86.5#



#13

Acetone

Concen: 115.198 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.25 min

Lab File: VV015196.D

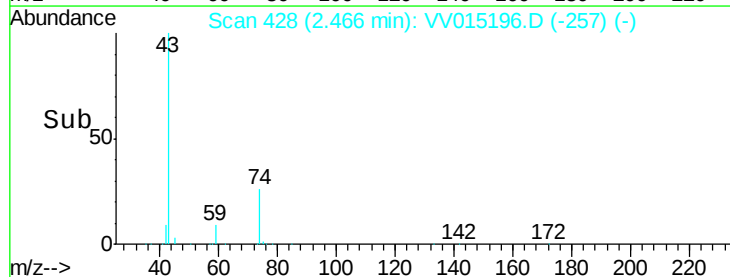
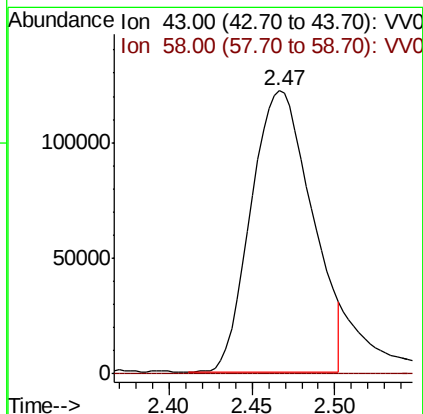
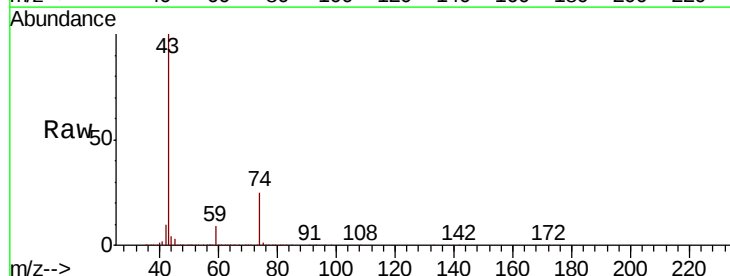
Acq: 27 Mar 2020 05:46

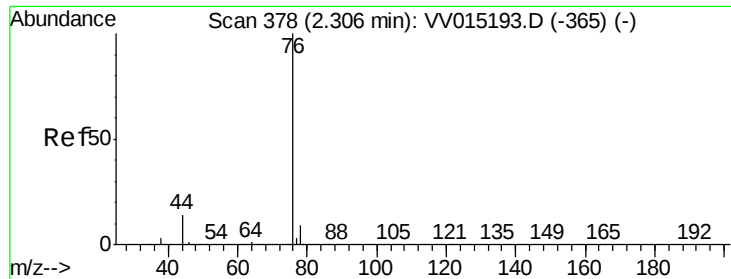
Tgt Ion: 43 Resp: 309872

Ion Ratio Lower Upper

43 100

58 0.0 0.0 0.2





#14

Carbon disulfide

Concen: 0.689 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV015196.D

Acq: 27 Mar 2020 05:46

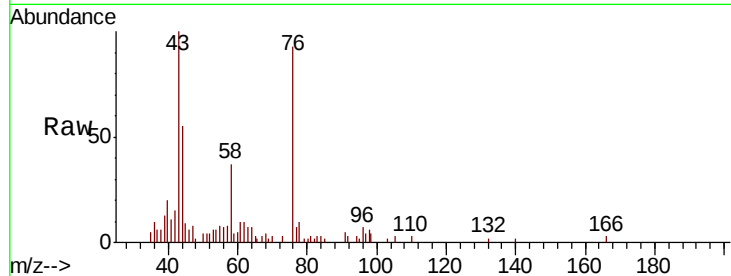
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 76 Resp: 10378

Ion Ratio Lower Upper

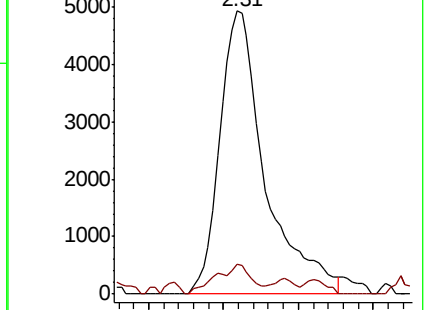
76 100

78 10.5 7.4 11.0

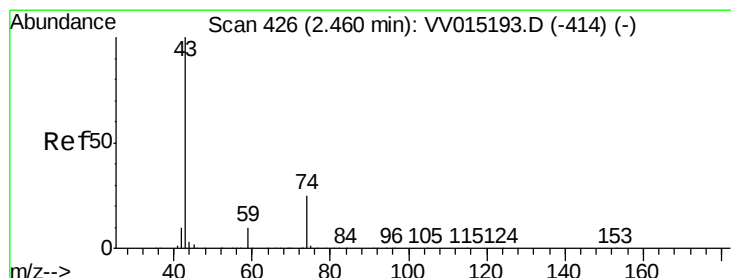
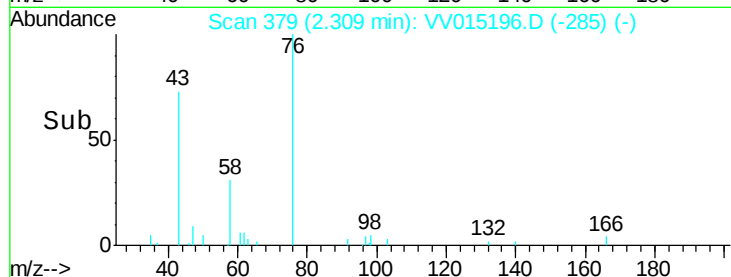


Abundance Ion 76.00 (75.70 to 76.70): VV015196.D (-285) (-)

Ion 78.00 (77.70 to 78.70): VV015196.D (-285) (-)



Time-->



#15

Methyl Acetate

Concen: 62.581 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VV015196.D

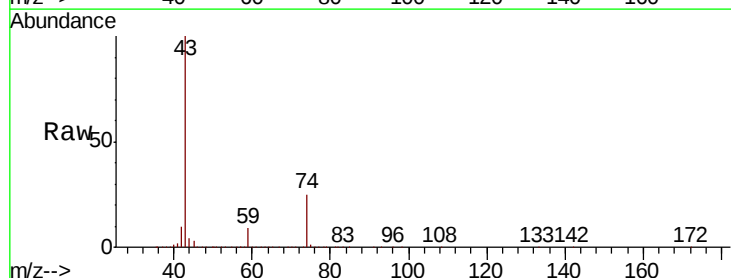
Acq: 27 Mar 2020 05:46

Tgt Ion: 43 Resp: 348498

Ion Ratio Lower Upper

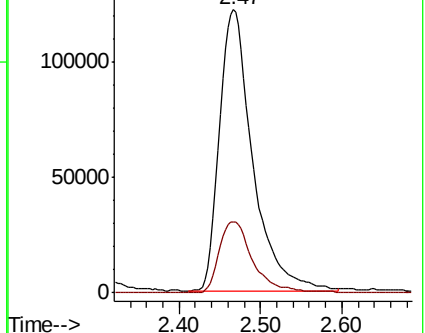
43 100

74 25.6 20.0 30.0

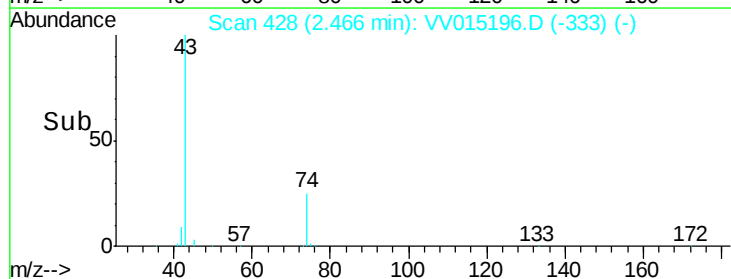


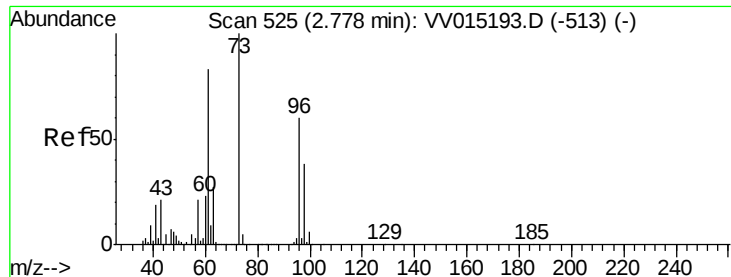
Abundance Ion 43.00 (42.70 to 43.70): VV015196.D (-333) (-)

Ion 74.00 (73.70 to 74.70): VV015196.D (-333) (-)



Time-->





#17

trans-1,2-Dichloroethene

Concen: 720.158 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV015196.D

Acq: 27 Mar 2020 05:46

Instrument :
MSVOA_V
ClientSampled :

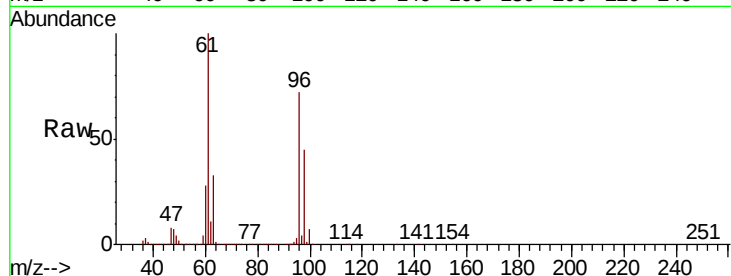
Tot Ion: 96 Resp: 3675020

Ion Ratio Lower Upper

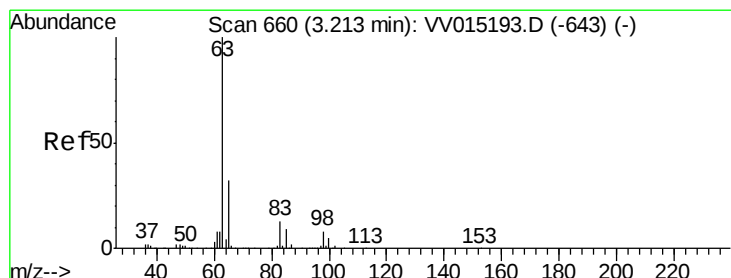
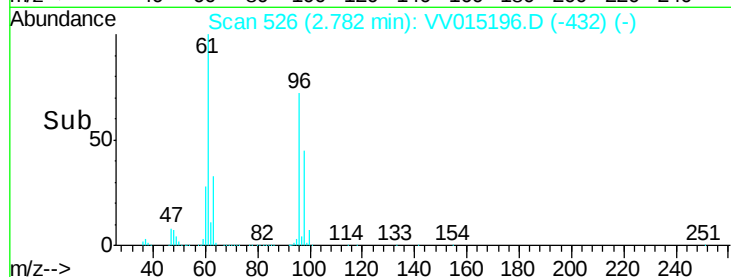
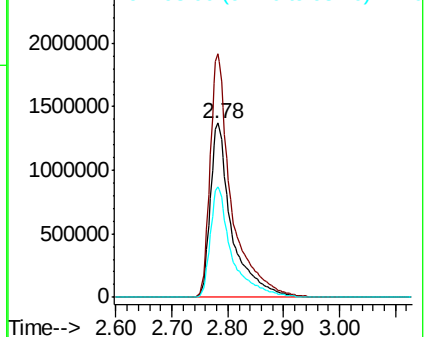
96 100

61 139.7 96.4 179.0

98 63.5 43.8 81.4



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



#19

1,1-Dichloroethane

Concen: 1.058 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV015196.D

Acq: 27 Mar 2020 05:46

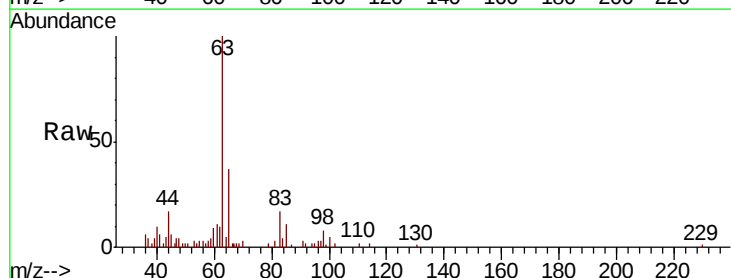
Tgt Ion: 63 Resp: 9972

Ion Ratio Lower Upper

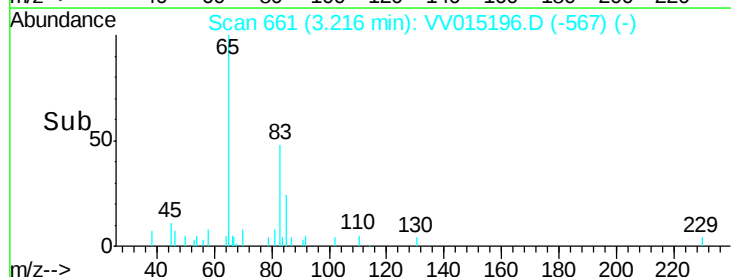
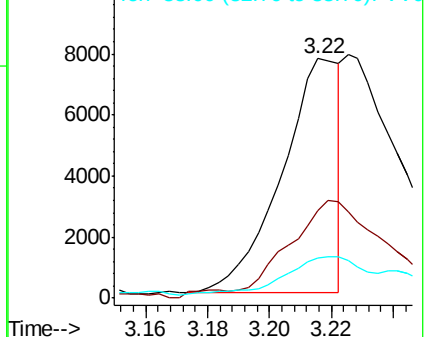
63 100

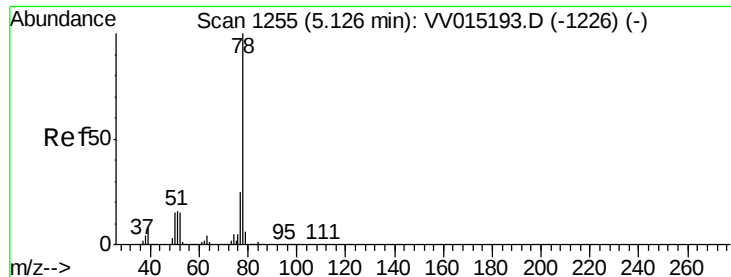
65 36.7 22.2 41.2

83 16.7 9.6 17.8



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 65.00 (64.70 to 65.70): VV0
Ion 83.00 (82.70 to 83.70): VV0

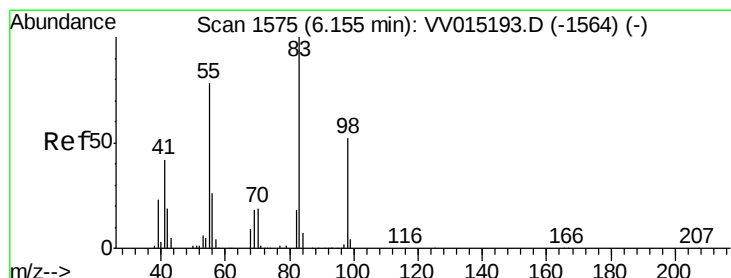
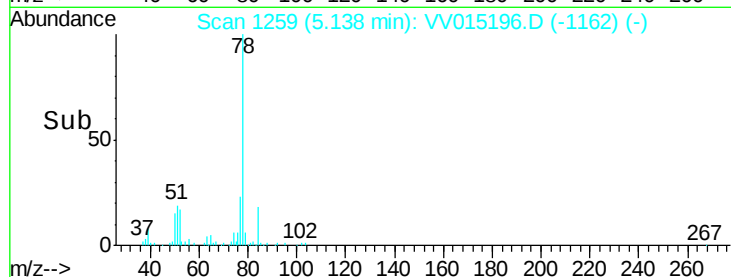
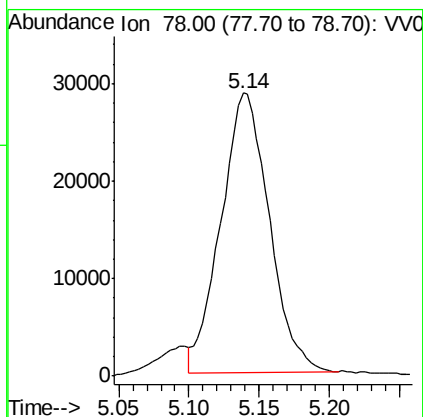
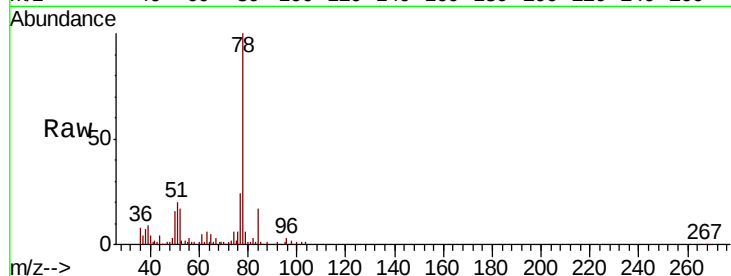




#33
Benzene
Concen: 3.251 ug/L
RT: 5.14 min Scan# 1259
Delta R.T. 0.01 min
Lab File: VV015196.D
Acq: 27 Mar 2020 05:46

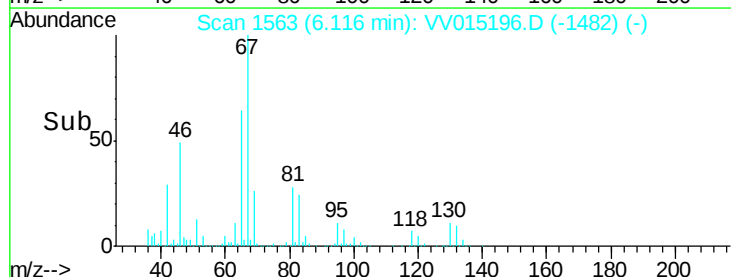
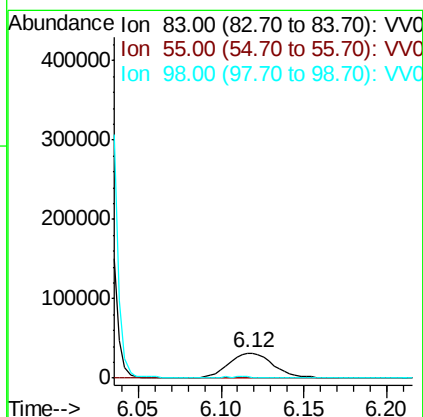
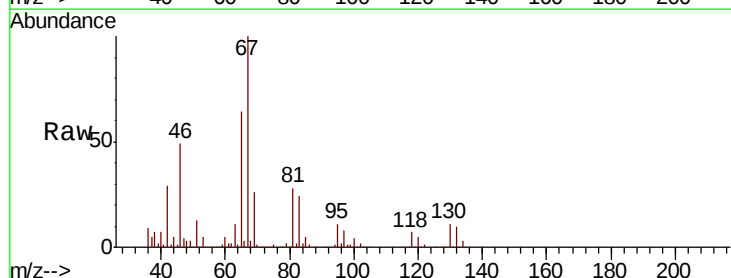
Tgt Ion: 78 Resp: 68397

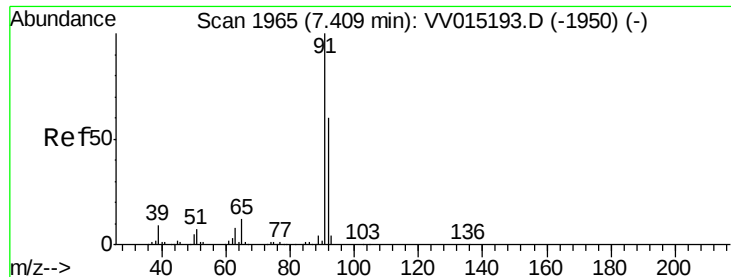
Instrument :
MSVOA_V
ClientSampled :



#35
Methylcyclohexane
Concen: 6.371 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.04 min
Lab File: VV015196.D
Acq: 27 Mar 2020 05:46

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	58.8	88.2#
98	0.4	38.8	58.2#





#42

Toluene

Concen: 3.285 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015196.D

Acq: 27 Mar 2020 05:46

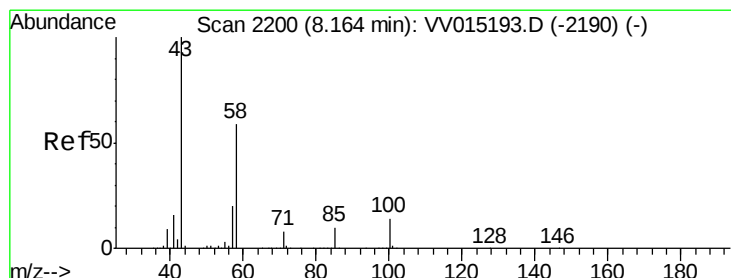
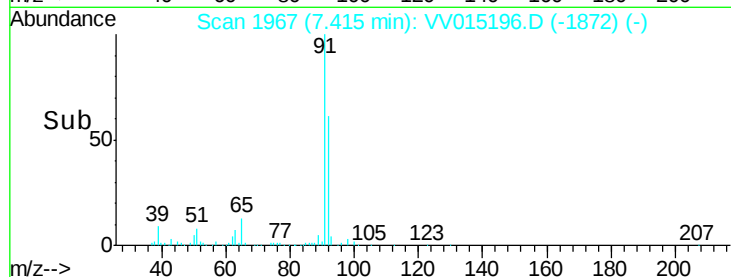
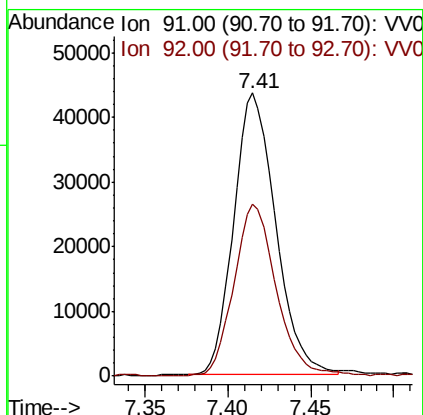
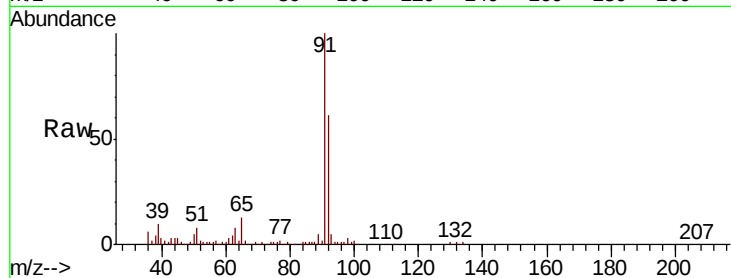
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 77124

Ion Ratio Lower Upper

91 100

92 60.7 41.4 77.0



#48

2-Hexanone

Concen: 4.859 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV015196.D

Acq: 27 Mar 2020 05:46

Tgt Ion: 43 Resp: 31129

Ion Ratio Lower Upper

43 100

58 44.7 44.3 66.5

57 21.0 15.4 23.0

100 0.7 10.4 15.6#

