

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110620\
 Data File : VV019258.D
 Acq On : 04 Nov 2020 21:34
 Operator : SY/MD
 Sample : VV1106WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 05:05:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 04:58:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	241405	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	236470	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	115954	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81616	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.62%
7) Chloroethane-d5	1.58	69	69285	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.92%
11) 1,1-Dichloroethene-d2	2.12	63	126593	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	3.91	46	110958	108.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.01%
24) Chloroform-d	4.38	84	160392	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.06	65	112580	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
32) Benzene-d6	5.07	84	298147	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
36) 1,2-Dichloropropane-d6	6.09	67	93135	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.54%
41) Toluene-d8	7.34	98	266883	43.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.76%
43) trans-1,3-Dichloropropene-	7.64	79	47652	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
47) 2-Hexanone-d5	8.11	63	69501	91.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.83%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	117199	45.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.24%
66) 1,2-Dichlorobenzene-d4	11.65	152	113250	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%

Target Compounds

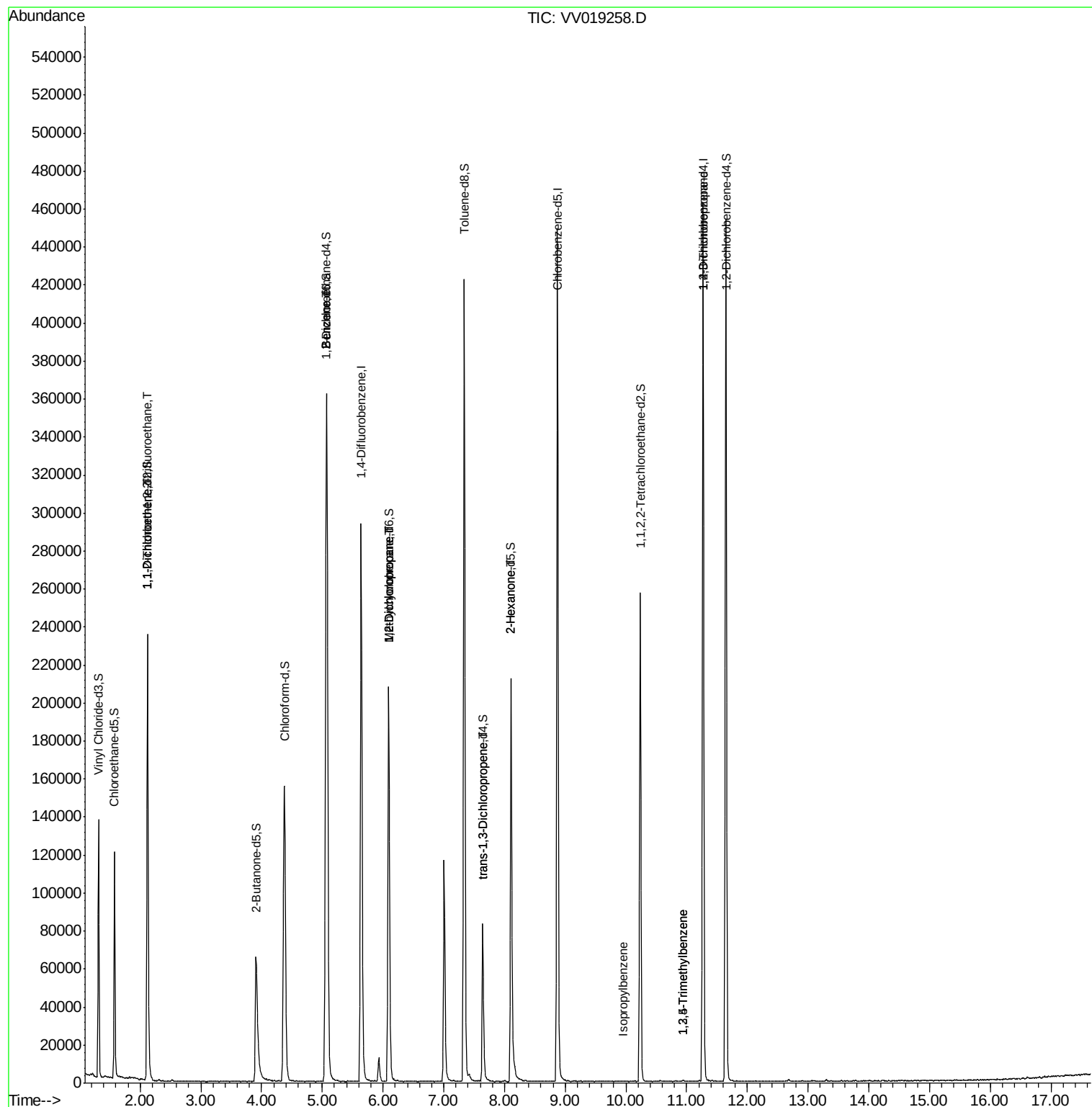
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1231	0.976	ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1050	0.806	ug/L #	1
33) Benzene	5.07	78	2634	0.448	ug/L	100
35) Methylcyclohexane	6.09	83	24062	12.448	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11992	7.646	ug/L #	84
44) trans-1,3-Dichloropropene	7.64	75	2288	0.890	ug/L	98
48) 2-Hexanone	8.11	43	9296	5.836	ug/L #	74
60) Isopropylbenzene	9.95	105	119	0.020	ug/L #	42
61) 1,2,3-Trichloropropane	11.27	75	12186	6.765	ug/L #	58
62) 1,3,5-Trimethylbenzene	10.95	105	529	0.105	ug/L	90
63) 1,2,4-Trimethylbenzene	10.95	105	529	0.107	ug/L	95

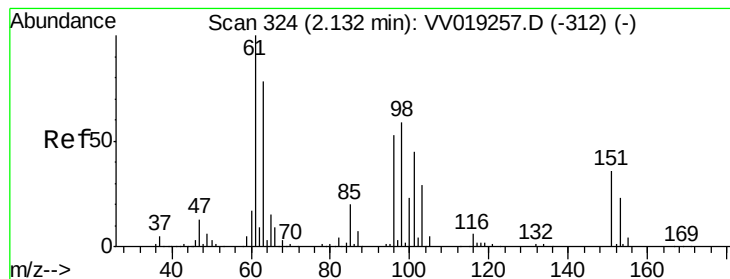
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.976 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019258.D

Acq: 04 Nov 2020 21:34

Instrument :

MSVOA_V

ClientSampled :

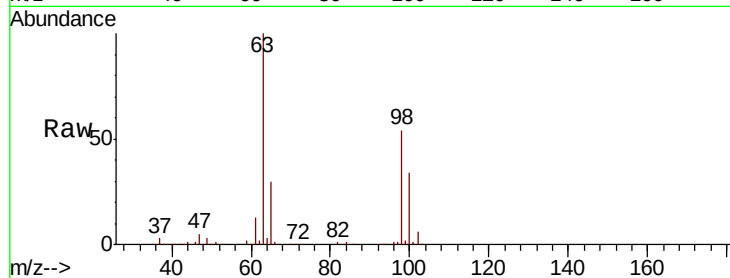
Tot Ion:101 Resp: 1231

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

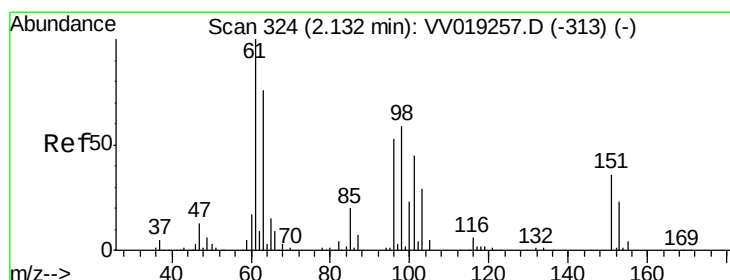
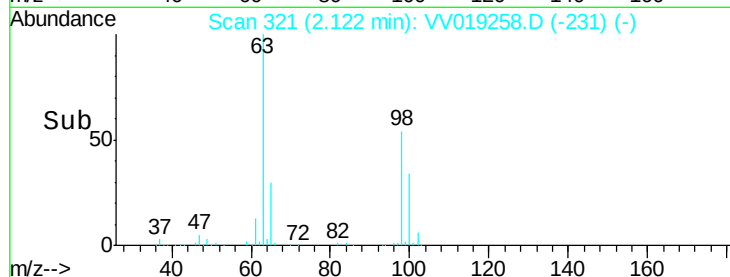
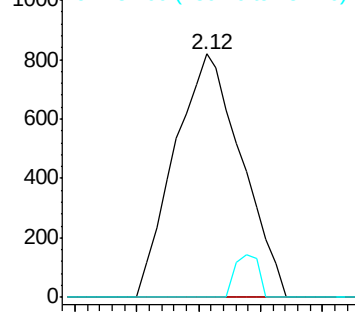
151 6.1 64.1 96.1#



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: 0.806 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019258.D

Acq: 04 Nov 2020 21:34

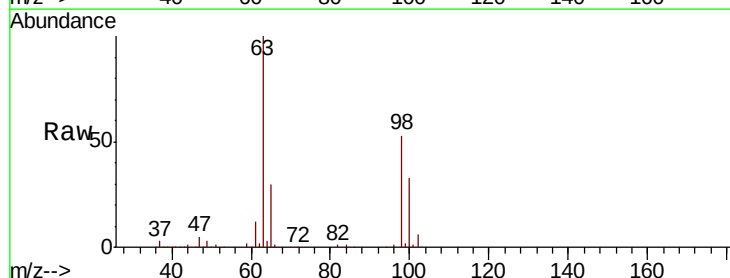
Tgt Ion: 96 Resp: 1050

Ion Ratio Lower Upper

96 100

61 1564.4 133.6 248.0#

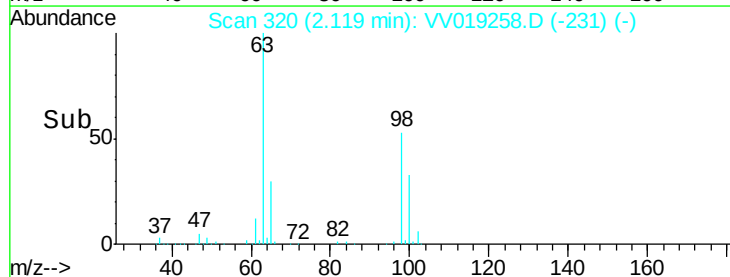
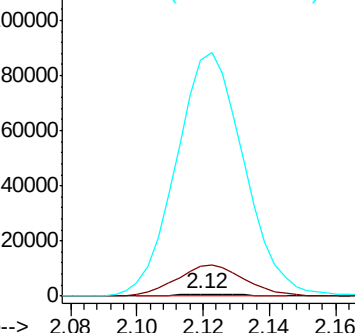
63 12532.9 103.0 191.2#

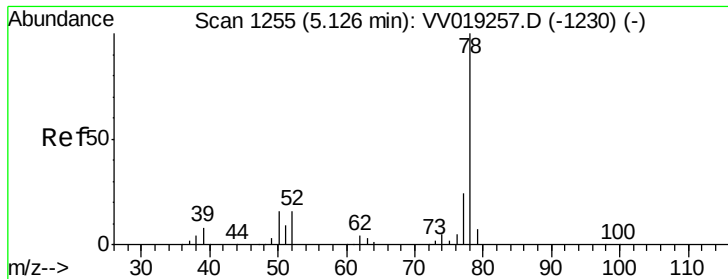


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#33

Benzene

Concen: 0.448 ug/L

RT: 5.07 min Scan# 1238

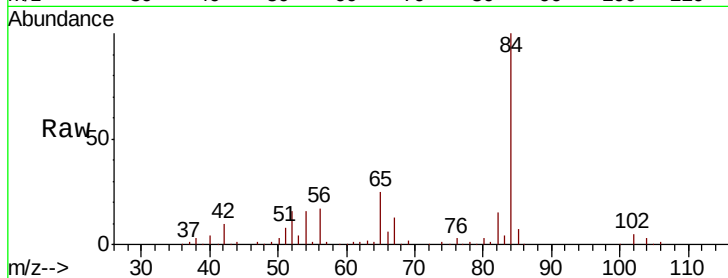
Delta R.T. -0.05 min

Lab File: VV019258.D

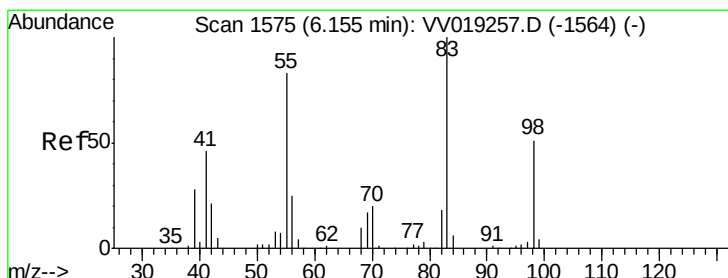
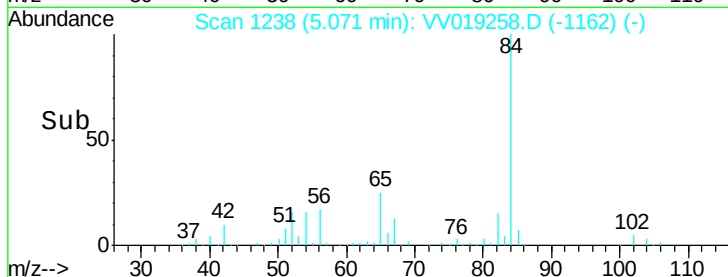
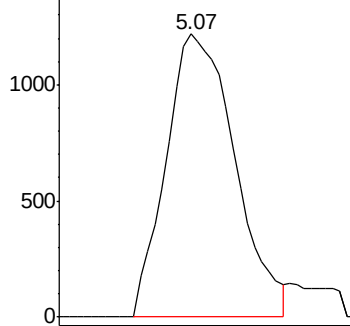
Acq: 04 Nov 2020 21:34

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 2634



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Methylcyclohexane

Concen: 12.448 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019258.D

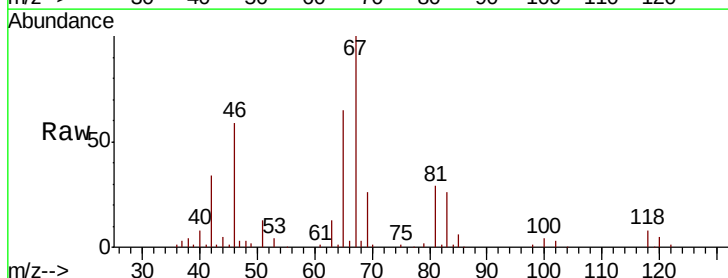
Acq: 04 Nov 2020 21:34

Tgt Ion: 83 Resp: 24062

Ion	Ratio	Lower	Upper
83	100		

55	0.0	62.8	94.2#
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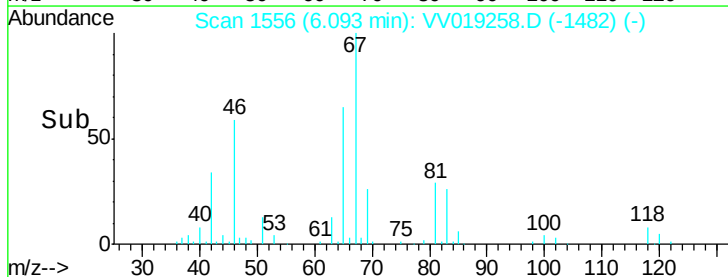
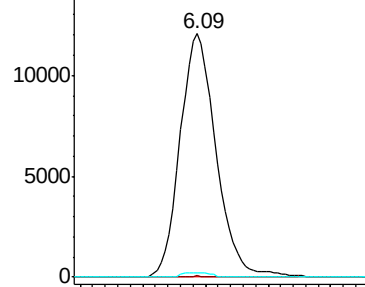
98	1.4	38.6	58.0#
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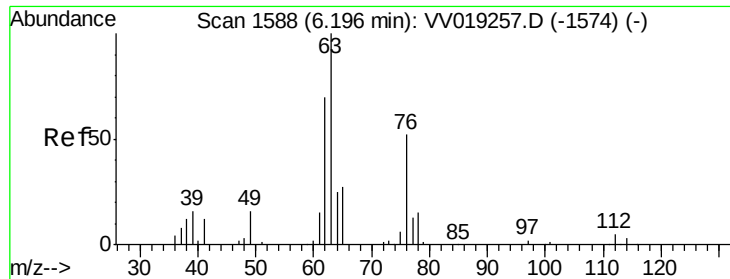


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

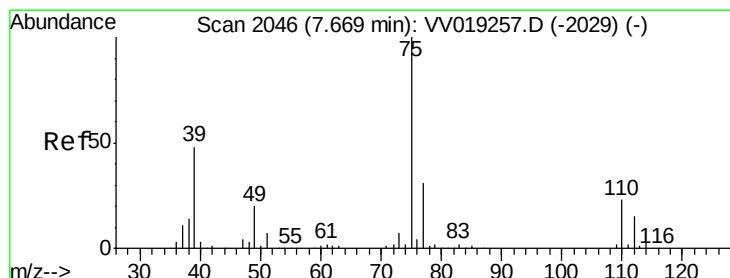
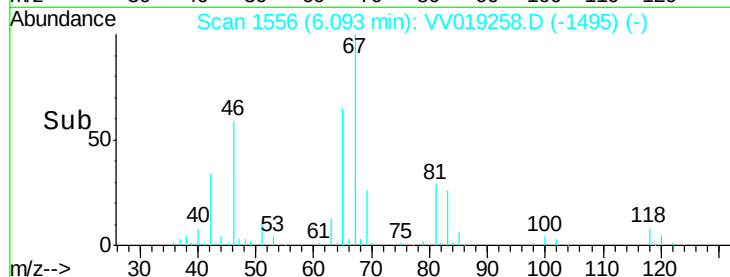
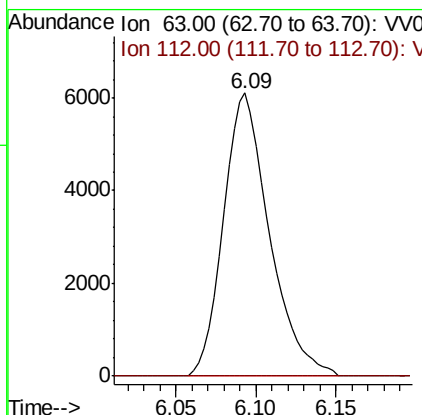
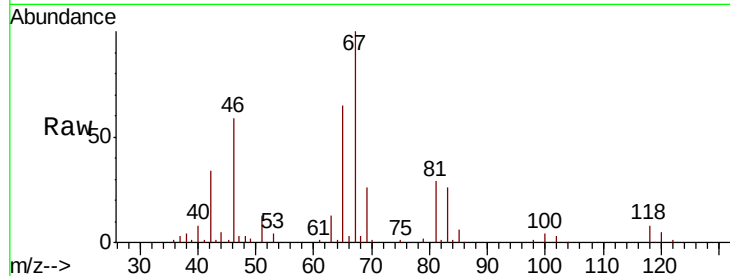




#37
 1,2-Dichloropropane
 Concen: 7.646 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019258.D
 Acq: 04 Nov 2020 21:34

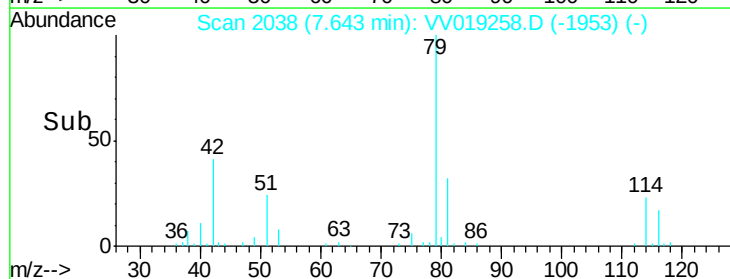
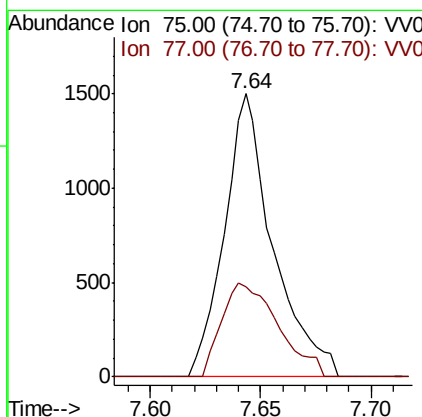
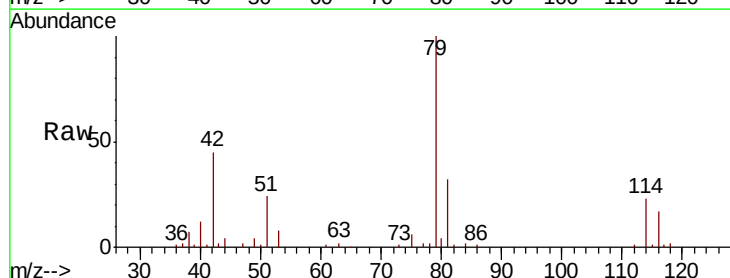
Instrument :
 MSVOA_V
 ClientSampleId :

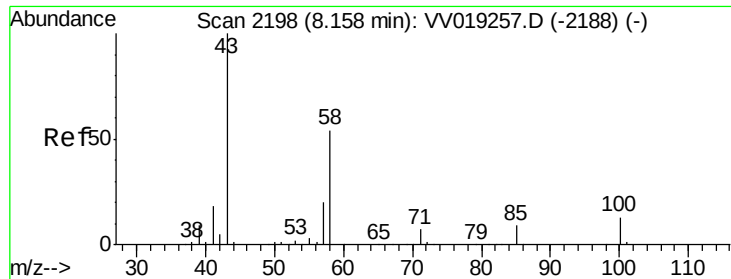
Tot Ion: 63 Resp: 11992
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.890 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV019258.D
 Acq: 04 Nov 2020 21:34

Tgt Ion: 75 Resp: 2288
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.6 40.2

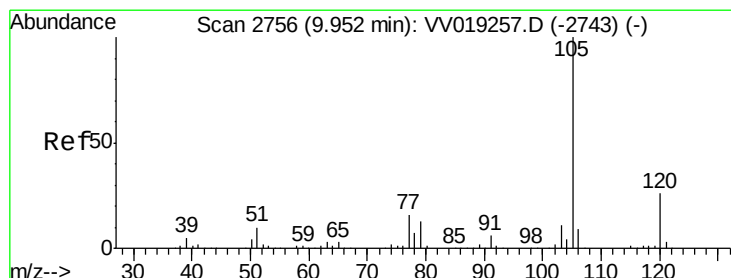
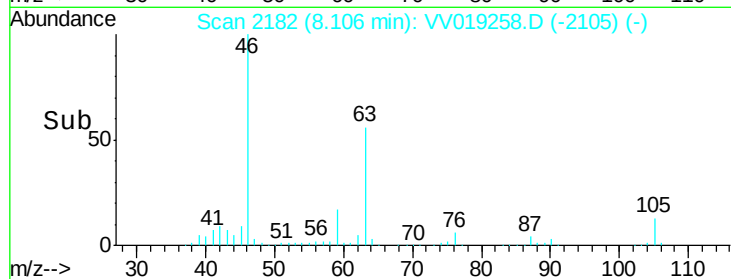
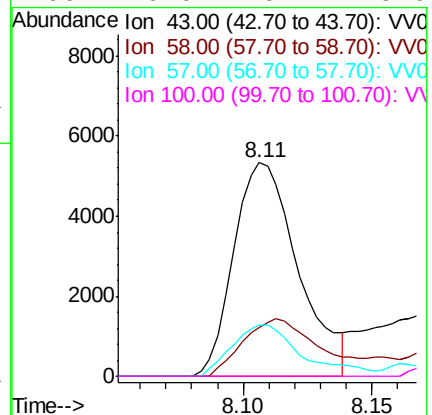
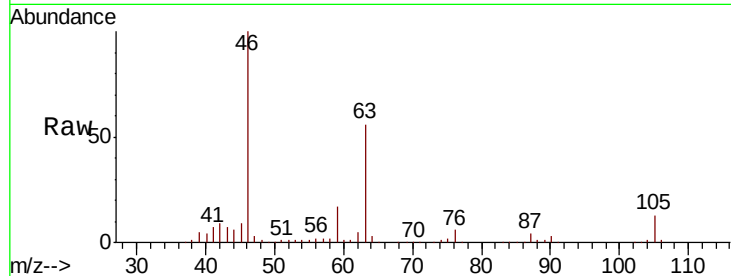




#48
2-Hexanone
Concen: 5.836 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV019258.D
Acq: 04 Nov 2020 21:34

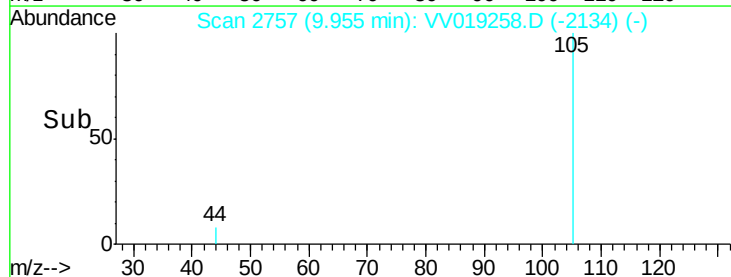
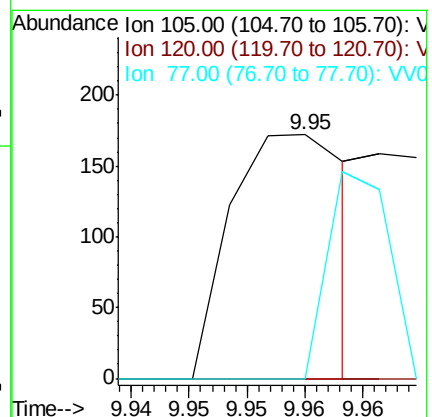
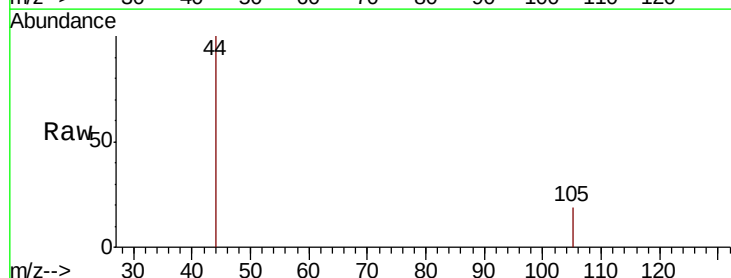
Instrument :
MSVOA_V
ClientSampleId :

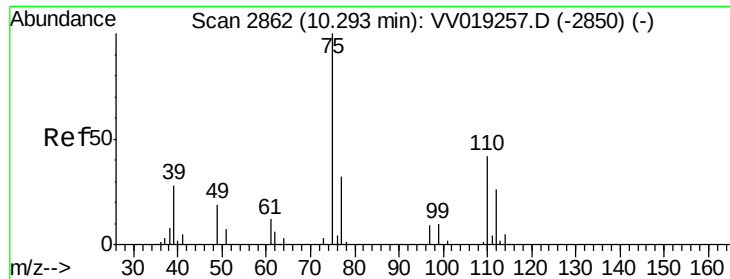
Tot Ion	Ratio	Lower	Upper
43	100		
58	32.2	42.6	63.8#
57	26.0	15.8	23.8#
100	0.0	10.4	15.6#



#60
Isopropylbenzene
Concen: 0.020 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV019258.D
Acq: 04 Nov 2020 21:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.0	31.4#
77	45.4	13.0	19.6#

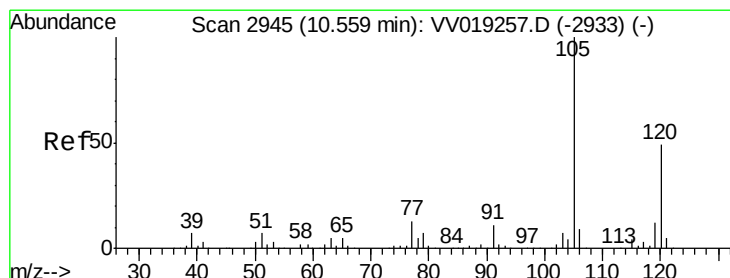
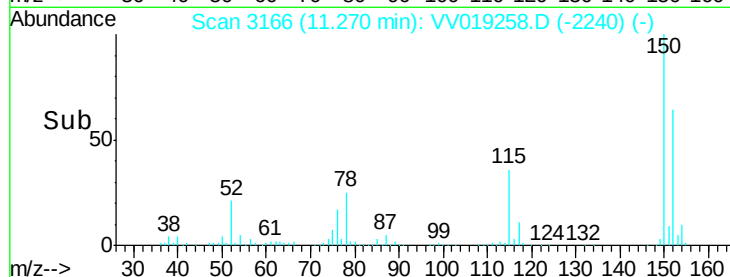
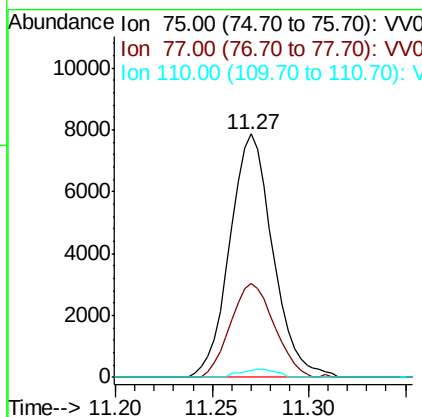
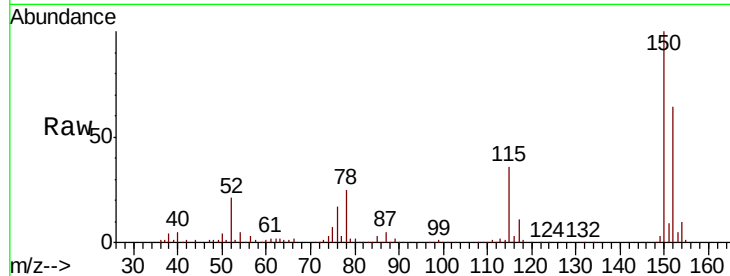




#61
 1,2,3-Trichloropropane
 Concen: 6.765 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019258.D
 Acq: 04 Nov 2020 21:34

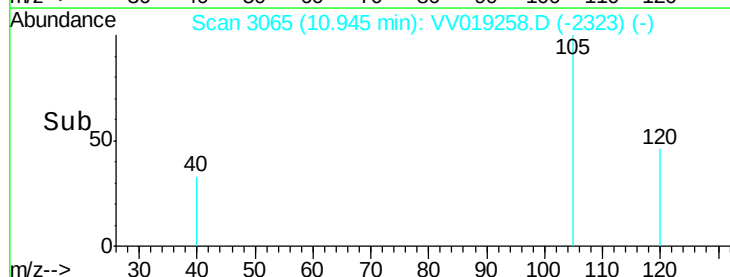
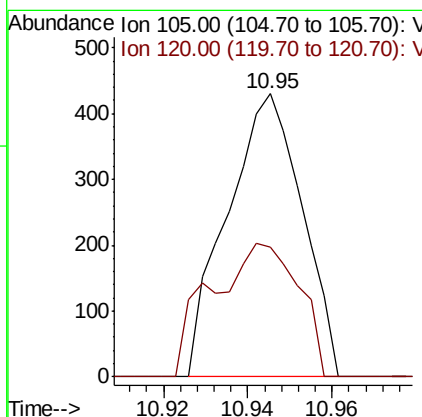
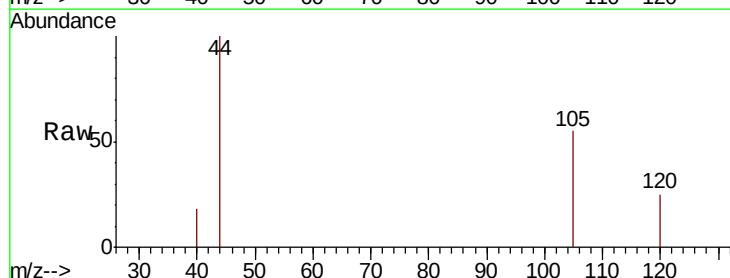
Instrument :
 MSVOA_V
 ClientSampled :

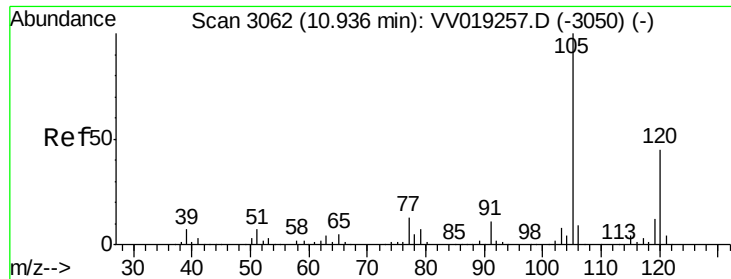
Tot Ion: 75 Resp: 12186
 Ion Ratio Lower Upper
 75 100
 77 39.1 24.8 37.2#
 110 2.7 33.4 50.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.105 ug/L
 RT: 10.95 min Scan# 3065
 Delta R.T. 0.39 min
 Lab File: VV019258.D
 Acq: 04 Nov 2020 21:34

Tgt Ion: 105 Resp: 529
 Ion Ratio Lower Upper
 105 100
 120 41.2 38.3 57.5





#63

1,2,4-Trimethylbenzene

Concen: 0.107 ug/L

RT: 10.95 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VV019258.D

Acq: 04 Nov 2020 21:34

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:105 Resp: 529

Ion Ratio Lower Upper

105 100

120 41.2 35.7 53.5

