

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110920\
 Data File : VV019305.D
 Acq On : 09 Nov 2020 15:57
 Operator : SY/MD
 Sample : VV109MBL01
 Misc : 5.0µL/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK321

Quant Time: Nov 10 07:06:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 10 06:58:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	260245	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	255207	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	122190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75418	37.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.10%
7) Chloroethane-d5	1.58	69	69587	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.44%
11) 1,1-Dichloroethene-d2	2.12	63	124372	33.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.90%
21) 2-Butanone-d5	3.91	46	124466	112.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.39%
24) Chloroform-d	4.38	84	166611	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.66%
26) 1,2-Dichloroethane-d4	5.06	65	119501	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
32) Benzene-d6	5.07	84	308813	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
36) 1,2-Dichloropropane-d6	6.09	67	101539	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.52%
41) Toluene-d8	7.34	98	271652	41.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.76%
43) trans-1,3-Dichloropropene-	7.64	79	50349	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.52%
47) 2-Hexanone-d5	8.11	63	74370	91.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.05%
56) 1,1,2,2-Tetrachloroethane-	10.24	84	125156	44.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.28%
66) 1,2-Dichlorobenzene-d4	11.65	152	118371	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%

Target Compounds

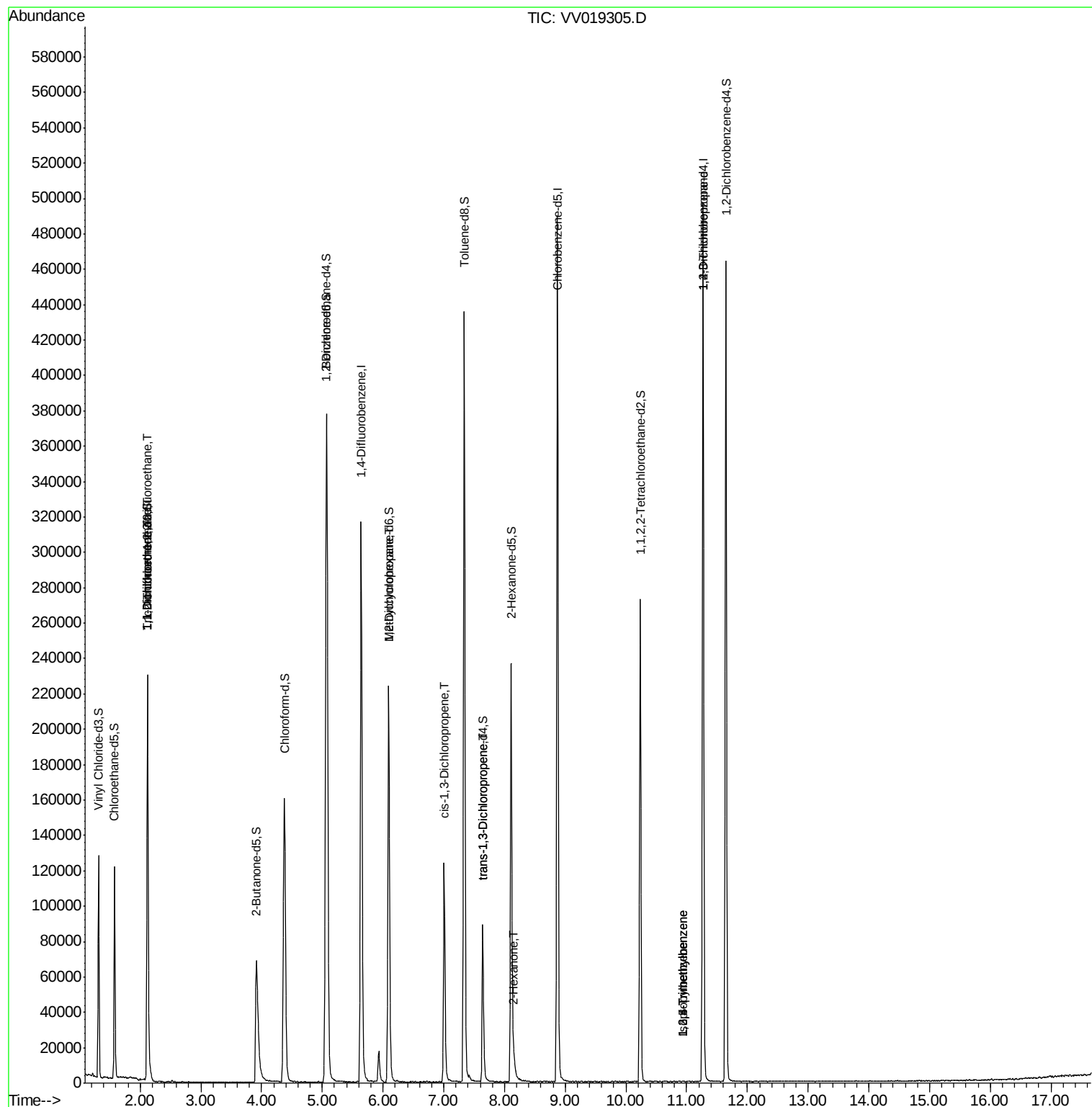
					Ovalue
9) Trichlorofluoromethane	2.12	101	1076	0.376 ug/L #	28
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1076	0.792 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	898	0.639 ug/L #	1
35) Methylcyclohexane	6.09	83	25402	12.176 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3411	1.259 ug/L #	72
44) trans-1,3-Dichloropropene	7.64	75	2501	0.901 ug/L #	87
48) 2-Hexanone	8.16	43	4848	2.820 ug/L #	46
60) Isopropylbenzene	10.95	105	325	0.051 ug/L #	54
61) 1,2,3-Trichloropropane	11.27	75	14790	7.791 ug/L #	58
62) 1,3,5-Trimethylbenzene	10.95	105	325	0.061 ug/L #	29
63) 1,2,4-Trimethylbenzene	10.95	105	325	0.062 ug/L #	31

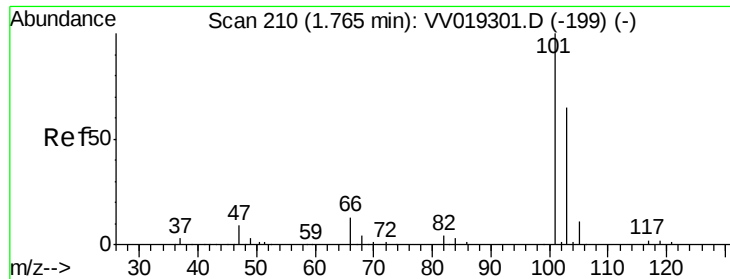
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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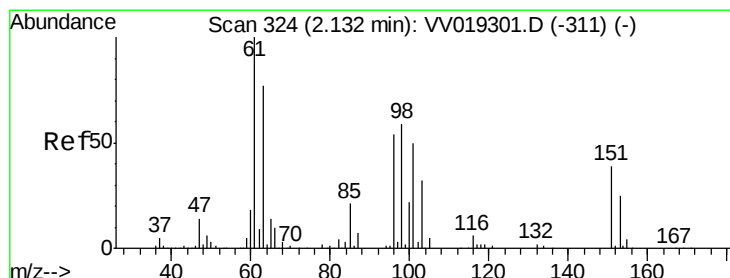
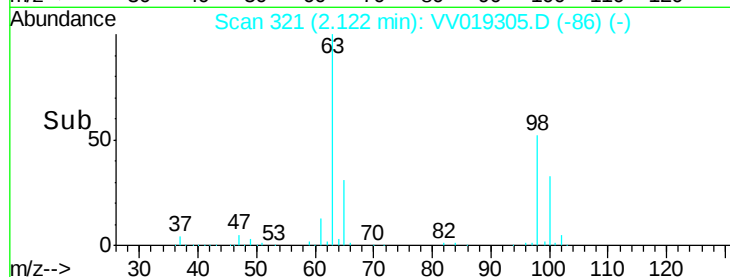
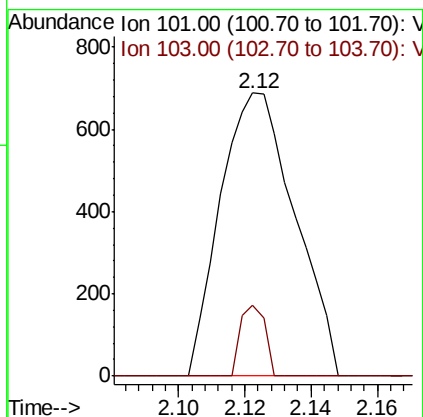
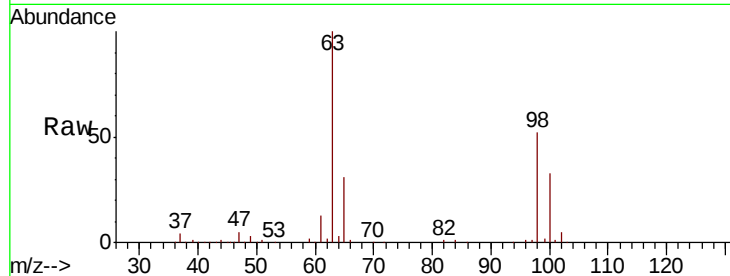


#9

Trichlorofluoromethane
 Concen: 0.376 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. 0.36 min
 Lab File: VV019305.D
 Acq: 09 Nov 2020 15:57

Instrument :
 MSVOA_V
 ClientSampled :
 VBLK321

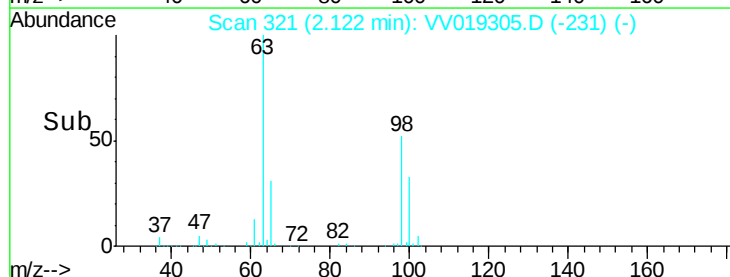
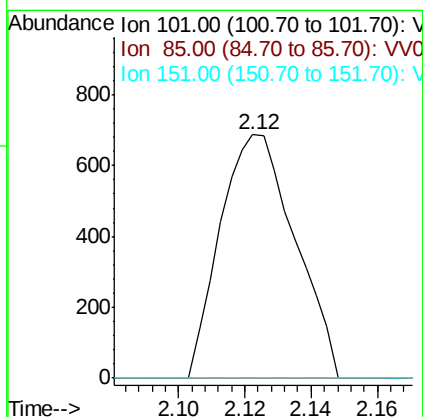
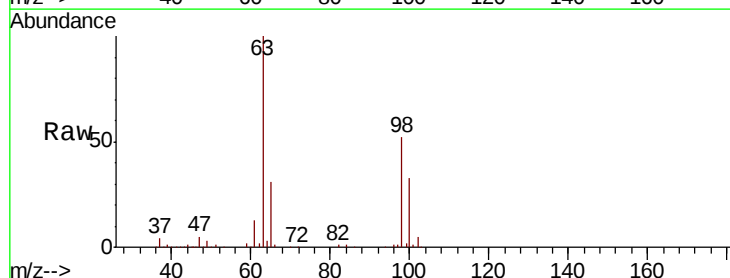
Tot Ion:101 Resp: 1076
 Ion Ratio Lower Upper
 101 100
 103 8.3 52.3 78.5#

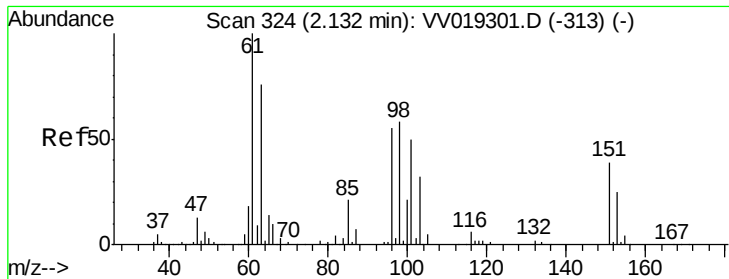


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.792 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV019305.D
 Acq: 09 Nov 2020 15:57

Tgt Ion:101 Resp: 1076
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 0.639 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019305.D

Acq: 09 Nov 2020 15:57

Instrument :

MSVOA_V

ClientSampleId :

VBLK321

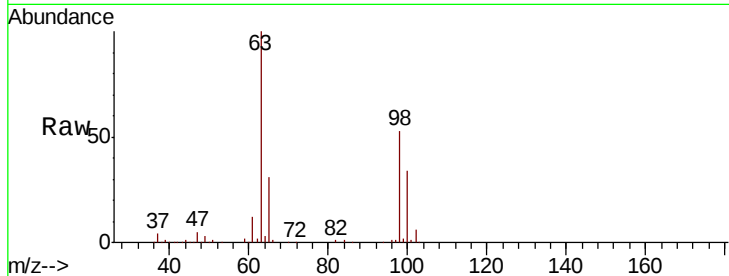
Tot Ion: 96 Resp: 898

Ion Ratio Lower Upper

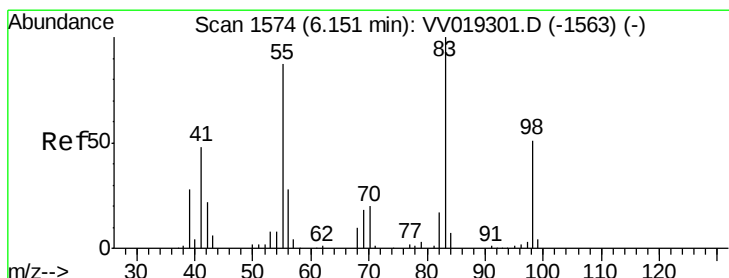
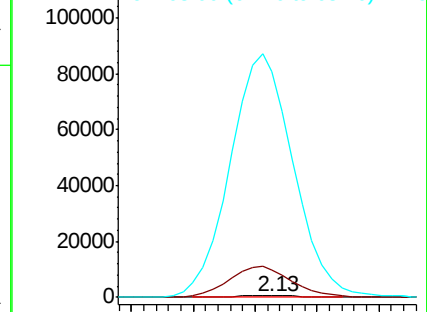
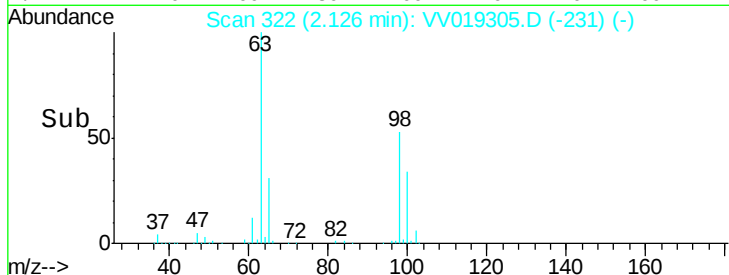
96 100

61 1712.4 133.6 248.0#

63 13941.3 103.0 191.2#



Abundance Ion 96.00 (95.70 to 96.70): VV019305.D (-231) (-)



#35

Methylcyclohexane

Concen: 12.176 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019305.D

Acq: 09 Nov 2020 15:57

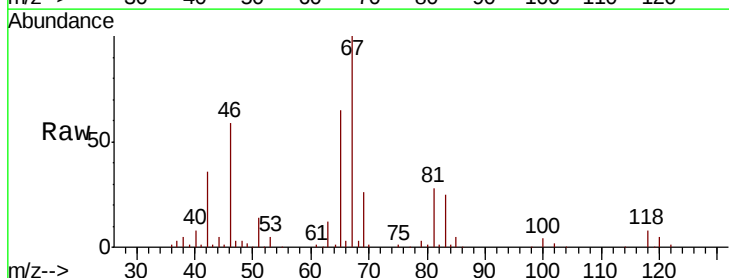
Tgt Ion: 83 Resp: 25402

Ion Ratio Lower Upper

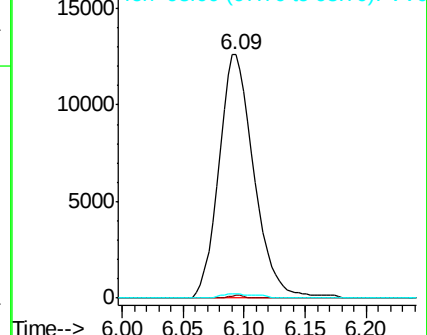
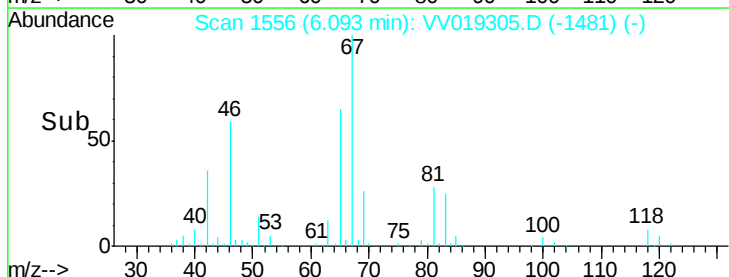
83 100

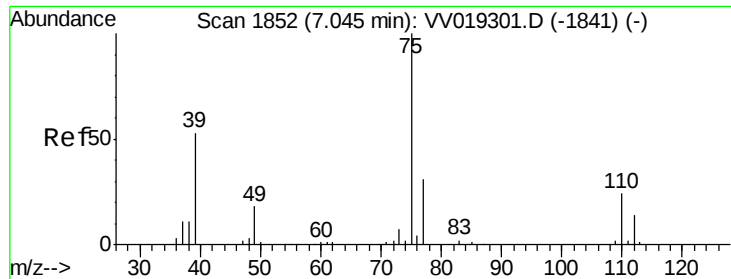
55 0.4 62.8 94.2#

98 1.3 38.6 58.0#



Abundance Ion 83.00 (82.70 to 83.70): VV019305.D (-1481) (-)

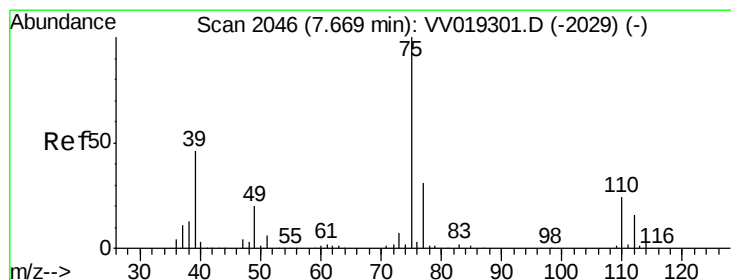
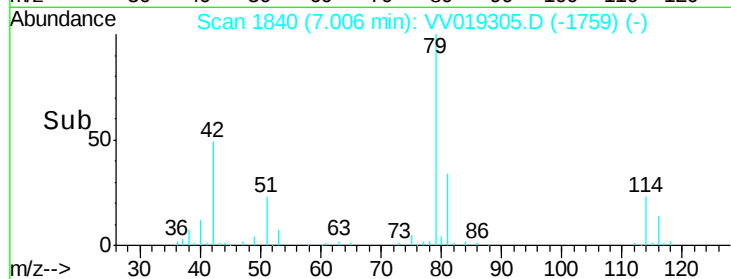
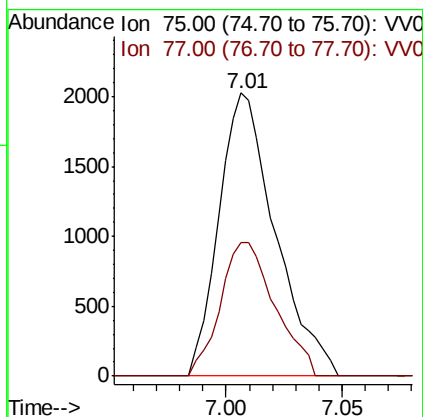
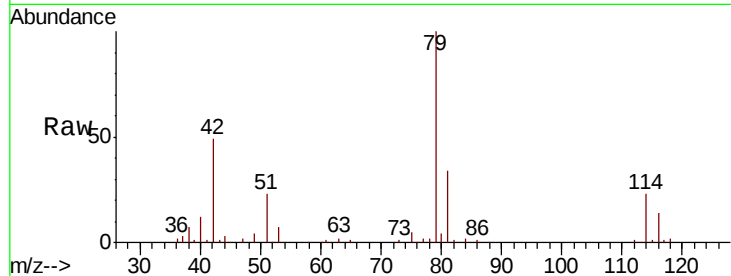




#39
 cis-1,3-Dichloropropene
 Concen: 1.259 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019305.D
 Acq: 09 Nov 2020 15:57

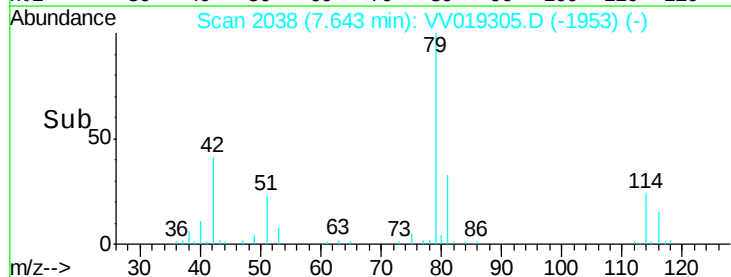
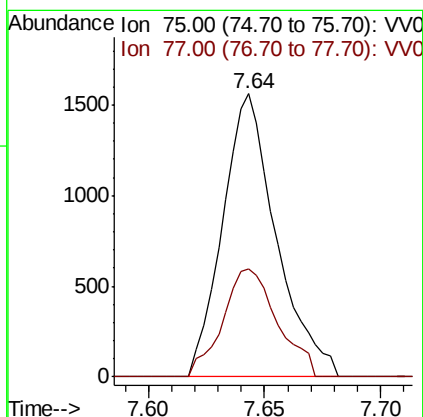
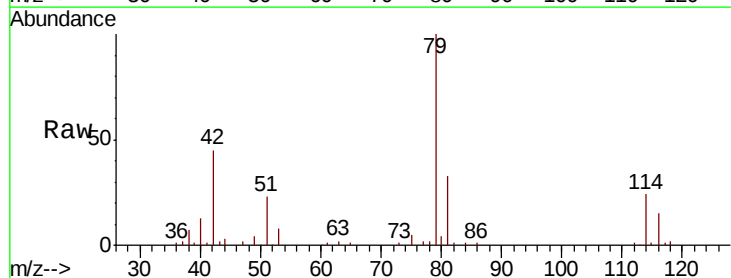
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK321

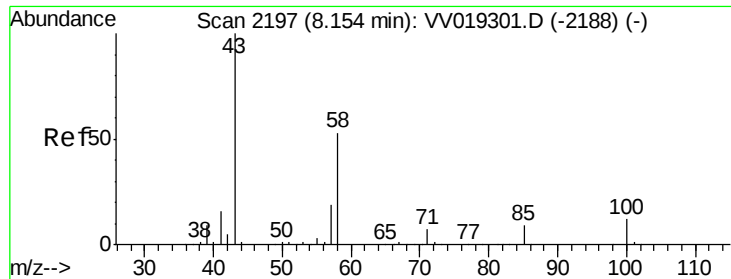
Tot Ion: 75 Resp: 3411
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.901 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV019305.D
 Acq: 09 Nov 2020 15:57

Tgt Ion: 75 Resp: 2501
 Ion Ratio Lower Upper
 75 100
 77 38.0 21.6 40.2

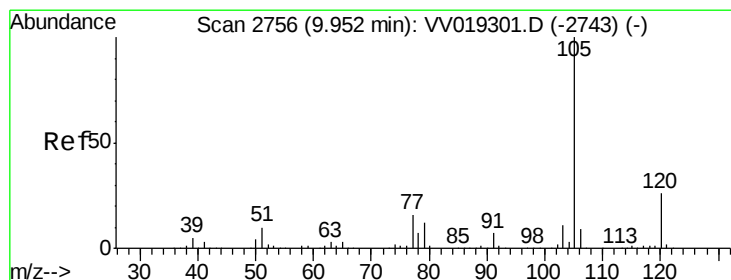
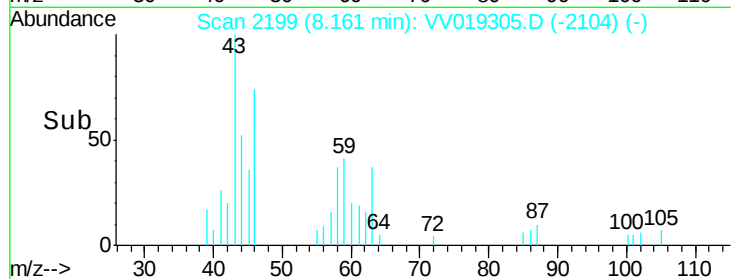
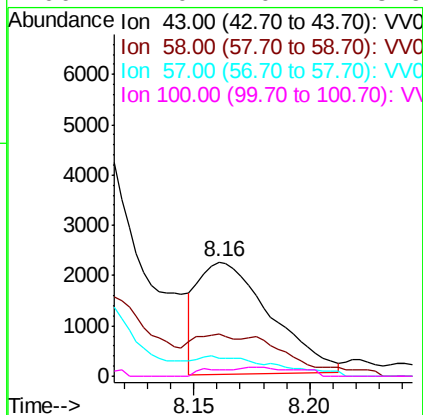
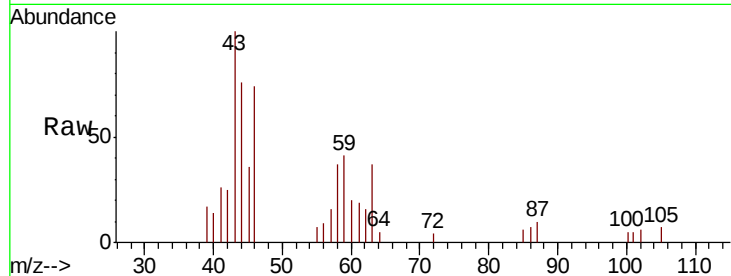




#48
2-Hexanone
Concen: 2.820 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV019305.D
Acq: 09 Nov 2020 15:57

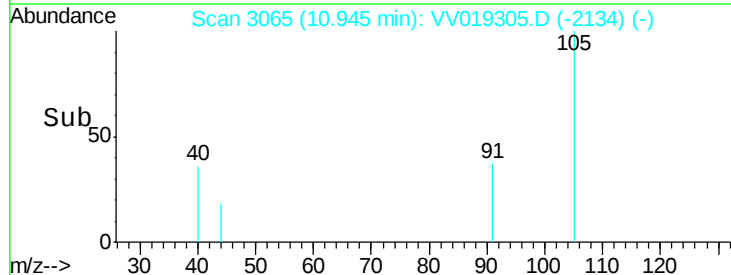
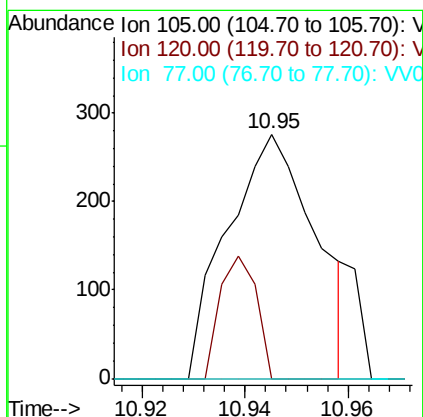
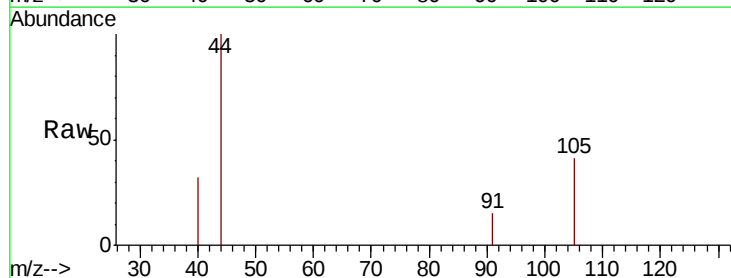
Instrument :
MSVOA_V
ClientSampleId :
VBLK321

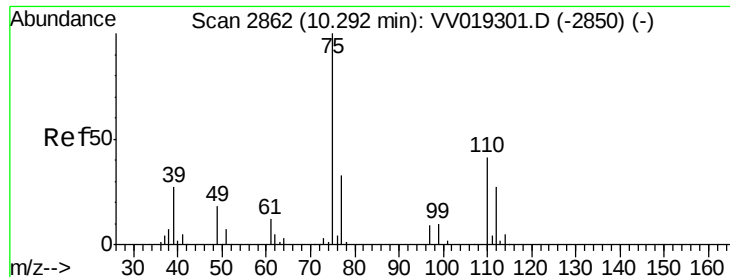
Tot Ion: 43 Resp: 4848
Ion Ratio Lower Upper
43 100
58 6.5 42.6 63.8#
57 1.4 15.8 23.8#
100 2.0 10.4 15.6#



#60
Isopropylbenzene
Concen: 0.051 ug/L
RT: 10.95 min Scan# 3065
Delta R.T. 0.99 min
Lab File: VV019305.D
Acq: 09 Nov 2020 15:57

Tgt Ion: 105 Resp: 325
Ion Ratio Lower Upper
105 100
120 0.0 21.0 31.4#
77 0.0 13.0 19.6#





#61

1,2,3-Trichloropropane

Concen: 7.791 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019305.D

Acq: 09 Nov 2020 15:57

Instrument :

MSVOA_V

ClientSampleId :

VBLK321

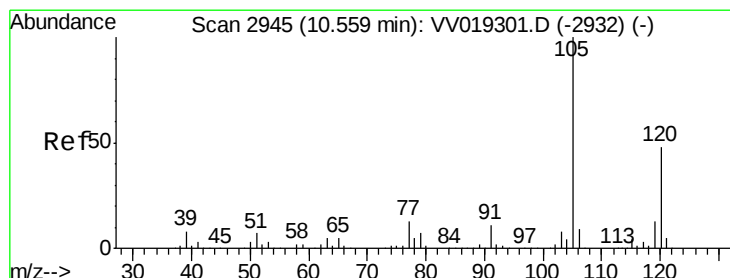
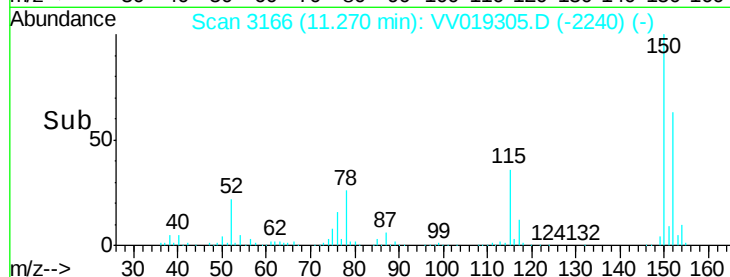
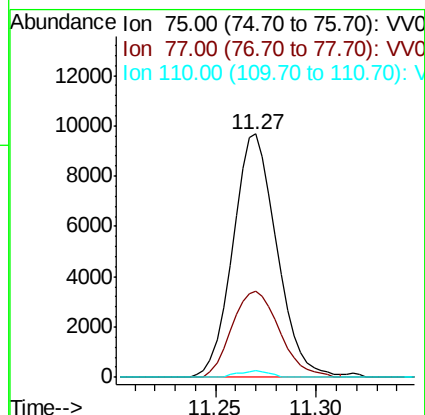
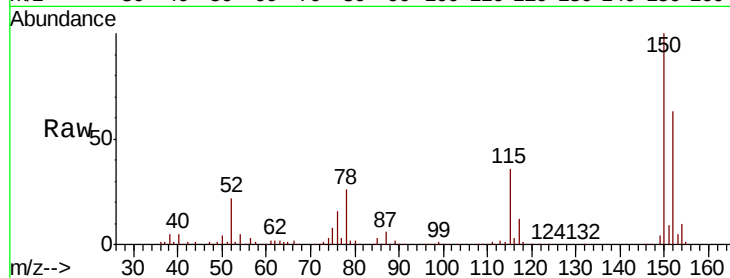
Tot Ion: 75 Resp: 14790

Ion Ratio Lower Upper

75 100

77 38.2 24.8 37.2#

110 2.0 33.4 50.2#



#62

1,3,5-Trimethylbenzene

Concen: 0.061 ug/L

RT: 10.95 min Scan# 3065

Delta R.T. 0.39 min

Lab File: VV019305.D

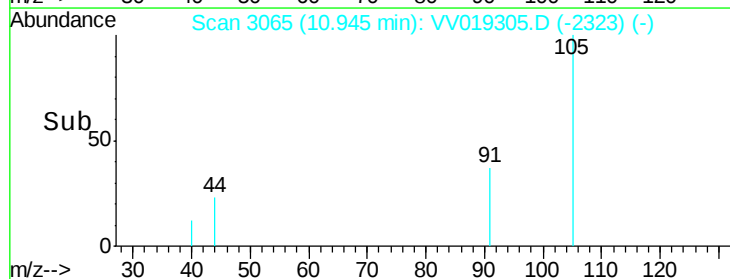
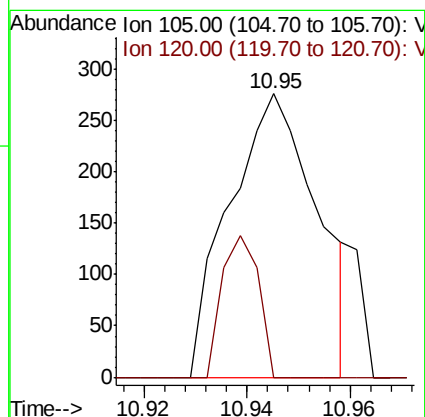
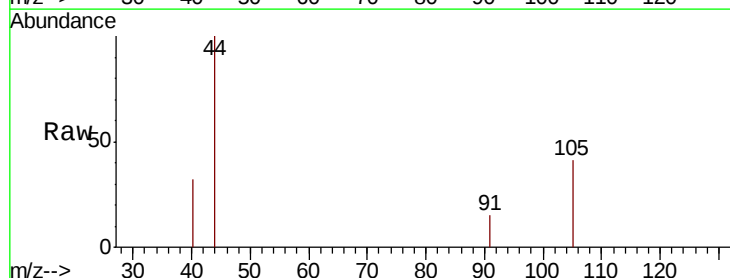
Acq: 09 Nov 2020 15:57

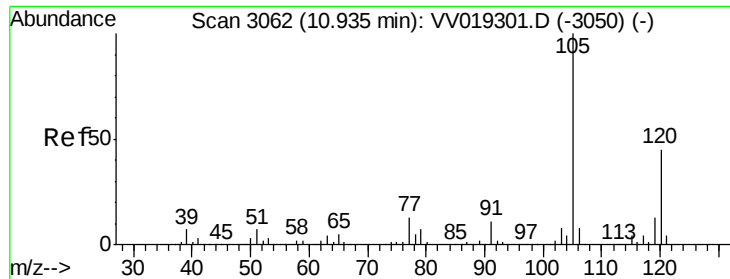
Tgt Ion: 105 Resp: 325

Ion Ratio Lower Upper

105 100

120 0.0 38.3 57.5#





#63

1,2,4-Trimethylbenzene

Concen: 0.062 ug/L

RT: 10.95 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VV019305.D

Acq: 09 Nov 2020 15:57

Instrument :

MSVOA_V

ClientSampleId :

VBLK321

Tot Ion:105 Resp: 325

Ion Ratio Lower Upper

105 100

120 0.0 35.7 53.5#

