

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013627.D
 Acq On : 14 Nov 2019 18:03
 Operator : SY/MD
 Sample : K5855-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 15 02:44:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	340736	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	350658	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	156959	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113873	5.20	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.58	69	95867	5.49	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.13	63	145837	3.89	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.95	46	266630	68.03	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.06%#
24) Chloroform-d	4.40	84	232730	6.20	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.00%
26) 1,2-Dichloroethane-d4	5.08	65	115269	6.29	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.80%
32) Benzene-d6	5.09	84	437794	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.11	67	140876	4.86	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	366821	4.28	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.66	79	49184	4.56	ug/L	-0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.13	63	202278	47.02	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99771	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	154750	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

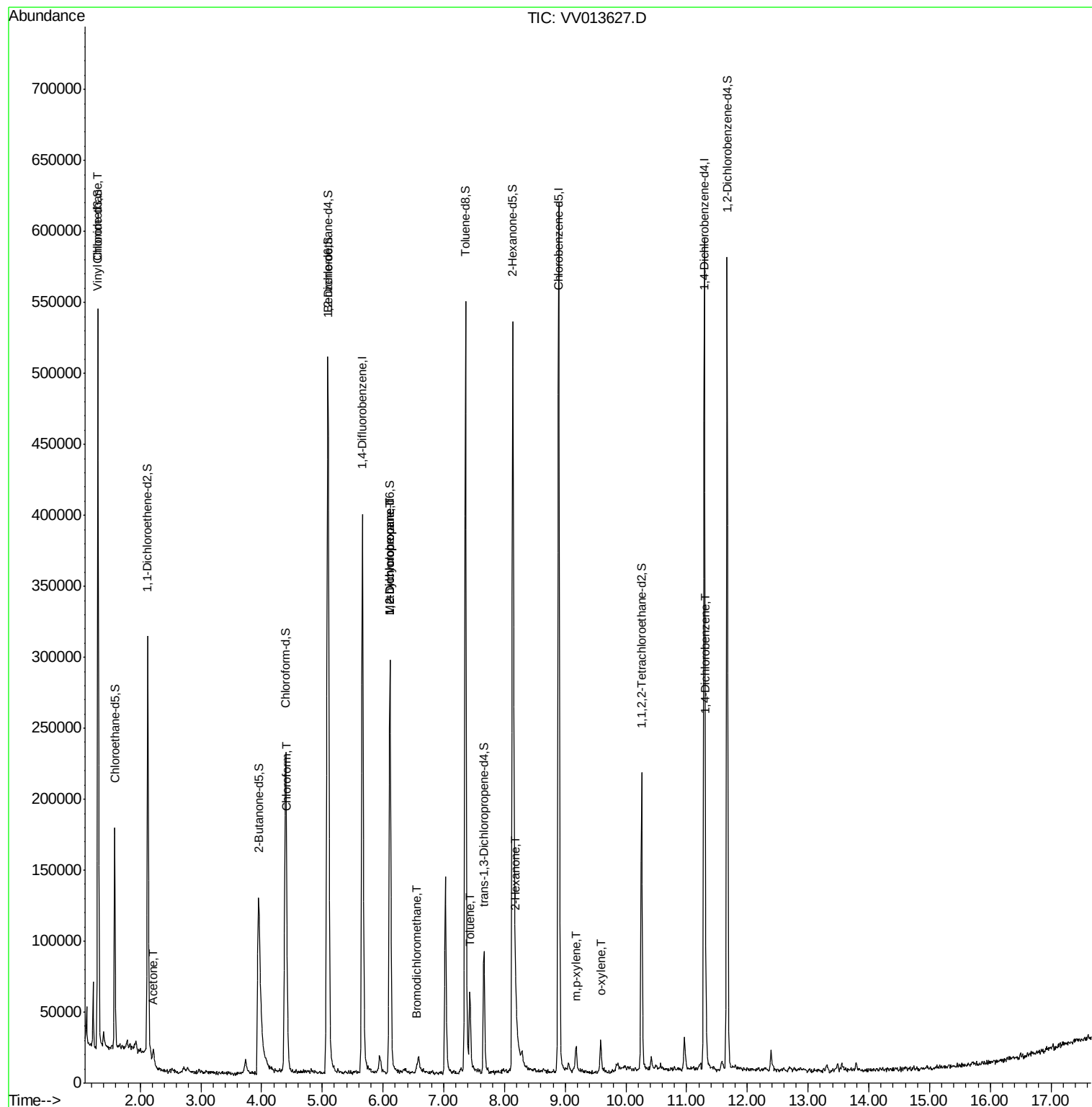
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.30	50	12768	0.446	ug/L #	80
13) Acetone	2.21	43	18358	7.244	ug/L	68
25) Chloroform	4.42	83	9218	0.194	ug/L	92
35) Methylcyclohexane	6.12	83	34109	0.816	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	14189	0.536	ug/L #	100
38) Bromodichloromethane	6.55	83	3314	0.092	ug/L	92
42) Toluene	7.43	91	38743	0.348	ug/L	98
48) 2-Hexanone	8.19	43	19538	1.877	ug/L #	94
53) m,p-xylene	9.18	106	4598	0.104	ug/L	95
54) o-xylene	9.58	106	5368	0.129	ug/L	84
63) 1,4-Dichlorobenzene	11.31	146	20544	0.396	ug/L	98

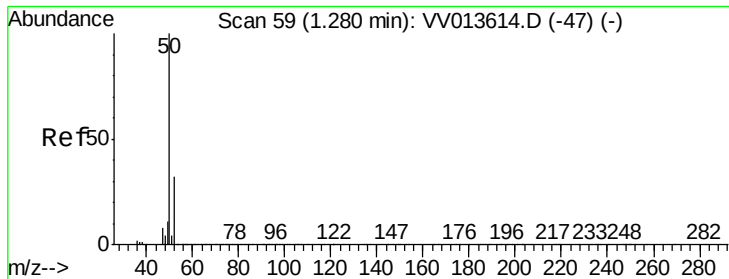
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.446 ug/L

RT: 1.30 min Scan# 66

Delta R.T. 0.02 min

Lab File: VV013627.D

Acq: 14 Nov 2019 18:03

Instrument :

MSVOA_V

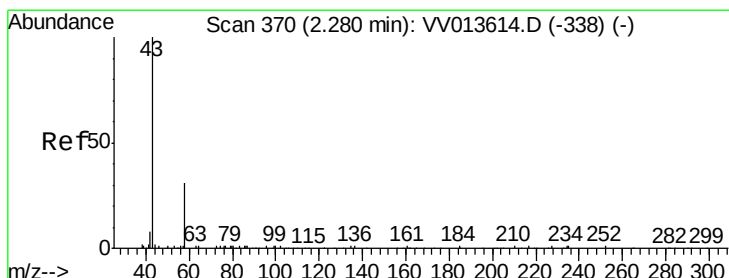
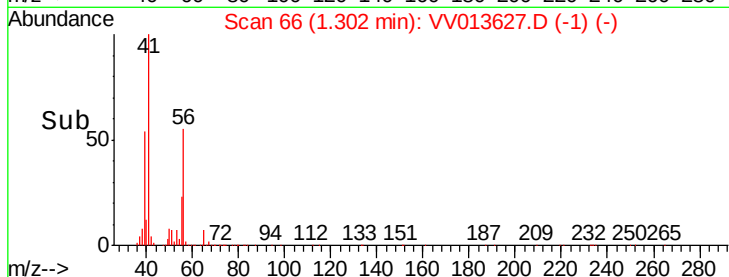
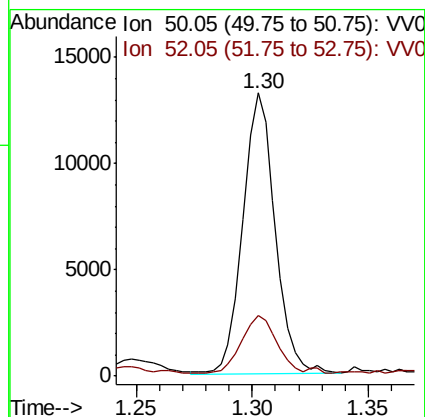
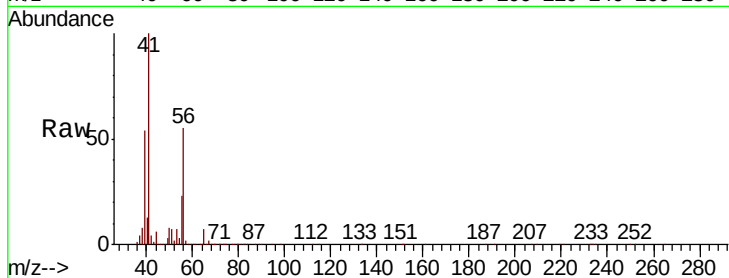
ClientSampled :

Tot Ion: 50 Resp: 12768

Ion Ratio Lower Upper

50 100

52 21.2 22.7 42.1#



#13

Acetone

Concen: 7.244 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.07 min

Lab File: VV013627.D

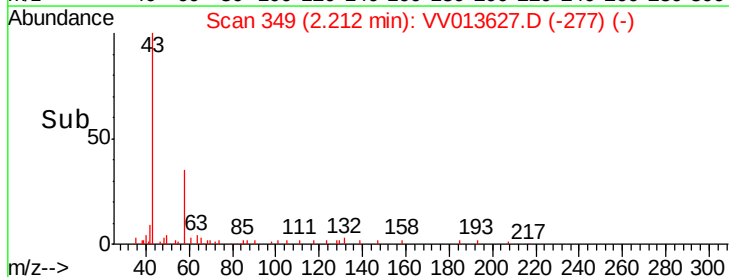
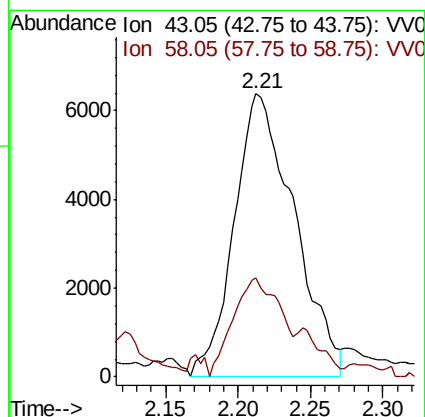
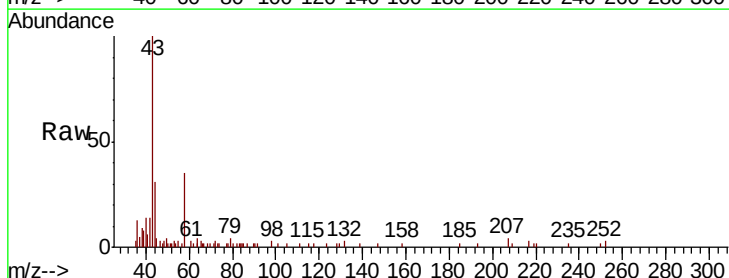
Acq: 14 Nov 2019 18:03

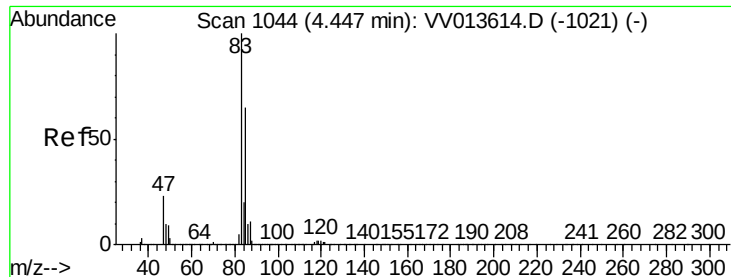
Tgt Ion: 43 Resp: 18358

Ion Ratio Lower Upper

43 100

58 27.6 0.0 28.8

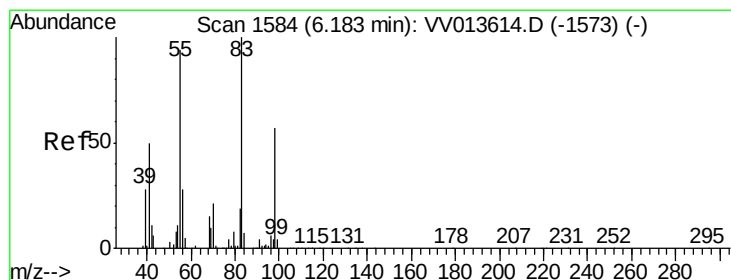
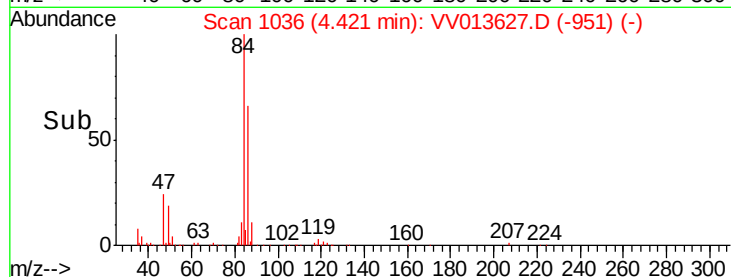
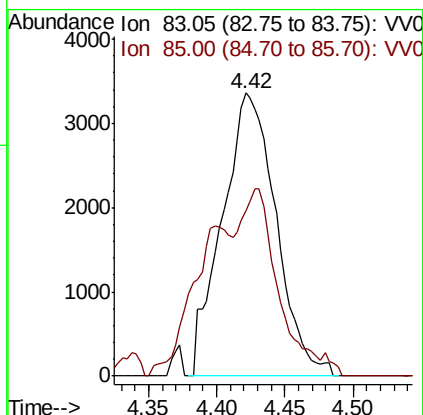
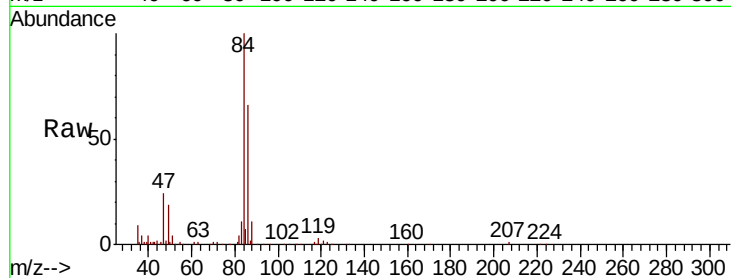




#25
Chloroform
Concen: 0.194 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.03 min
Lab File: VV013627.D
Acq: 14 Nov 2019 18:03

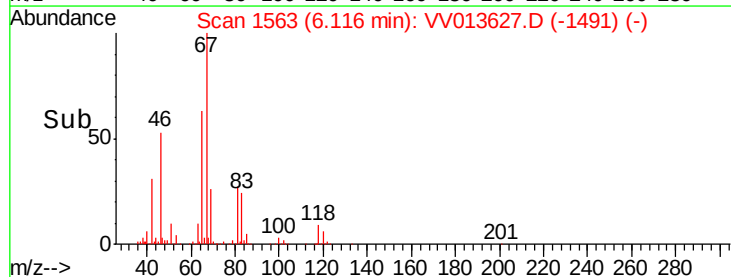
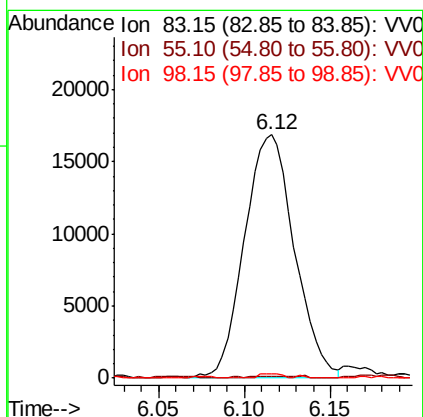
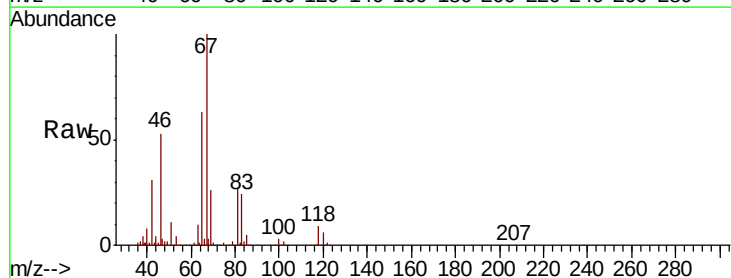
Instrument :
MSVOA_V
ClientSampleId :

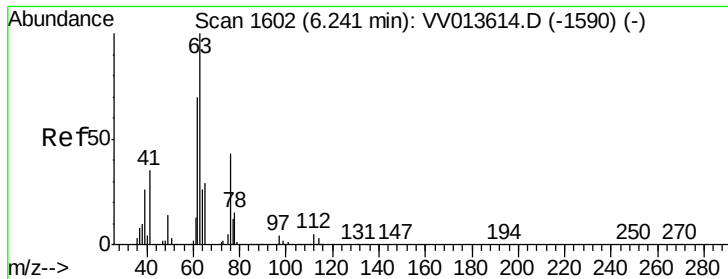
Tot Ion: 83 Resp: 9218
Ion Ratio Lower Upper
83 100
85 58.5 45.5 84.5



#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.07 min
Lab File: VV013627.D
Acq: 14 Nov 2019 18:03

Tgt Ion: 83 Resp: 34109
Ion Ratio Lower Upper
83 100
55 0.5 67.0 100.4#
98 0.8 38.5 57.7#

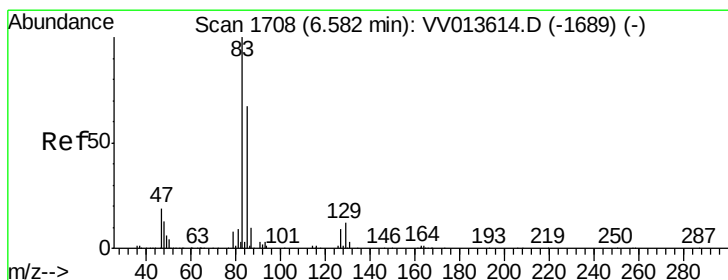
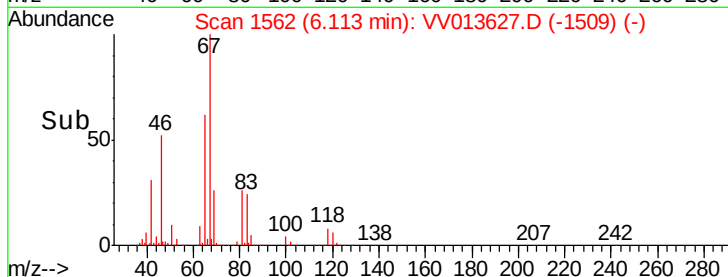
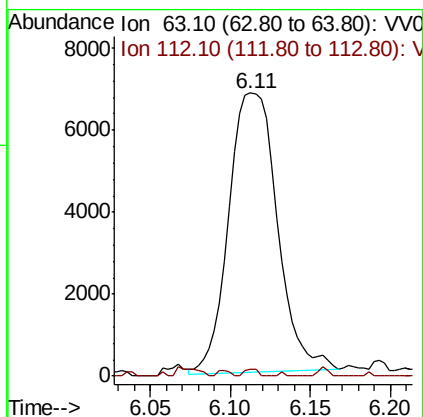
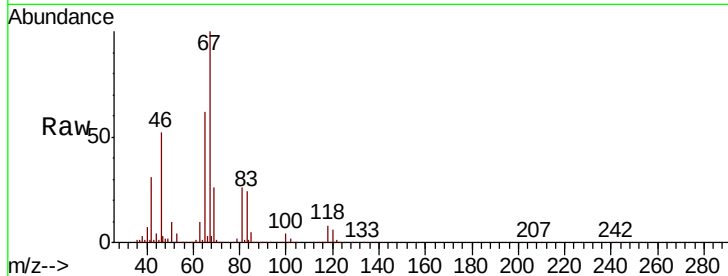




#37
 1,2-Dichloropropane
 Concen: 0.536 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.13 min
 Lab File: VV013627.D
 Acq: 14 Nov 2019 18:03

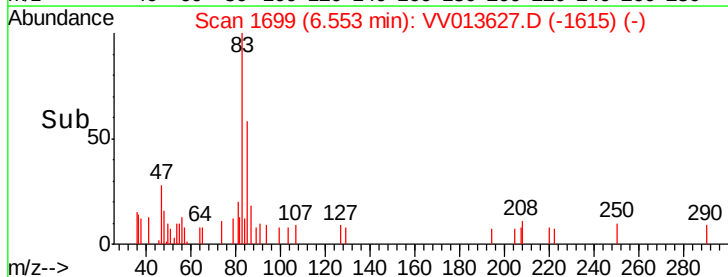
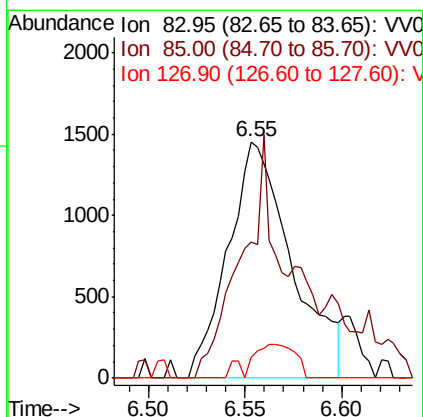
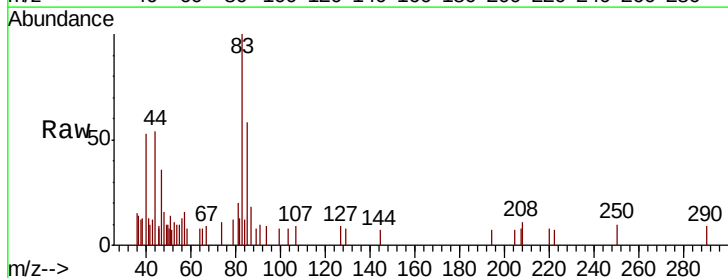
Instrument :
 MSVOA_V
 ClientSampleId :

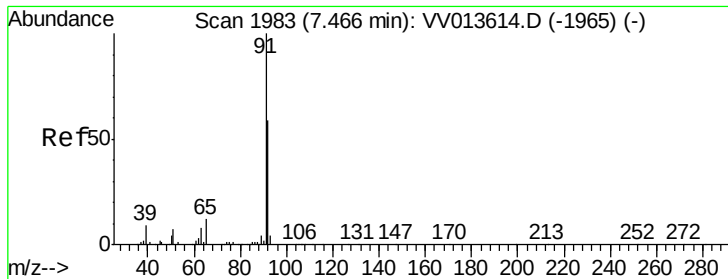
Tot Ion: 63 Resp: 14189
 Ion Ratio Lower Upper
 63 100
 112 0.6 0.2 0.2#



#38
 Bromodichloromethane
 Concen: 0.092 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. -0.03 min
 Lab File: VV013627.D
 Acq: 14 Nov 2019 18:03

Tgt Ion: 83 Resp: 3314
 Ion Ratio Lower Upper
 83 100
 85 57.8 45.5 84.5
 127 8.6 6.8 10.2





#42

Toluene

Concen: 0.348 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.04 min

Lab File: VV013627.D

Acq: 14 Nov 2019 18:03

Instrument :

MSVOA_V

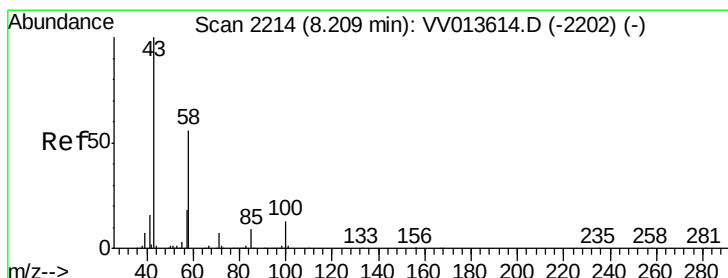
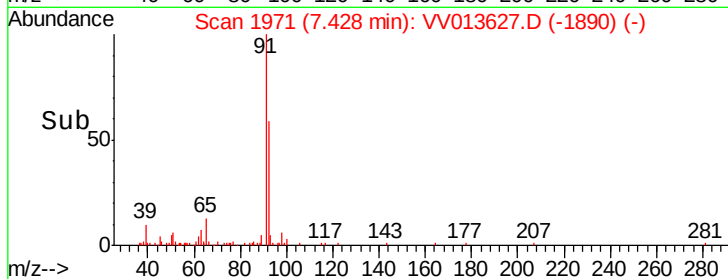
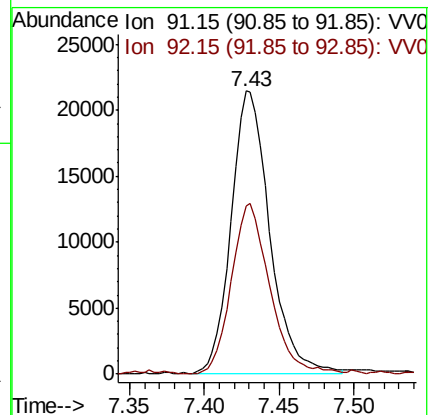
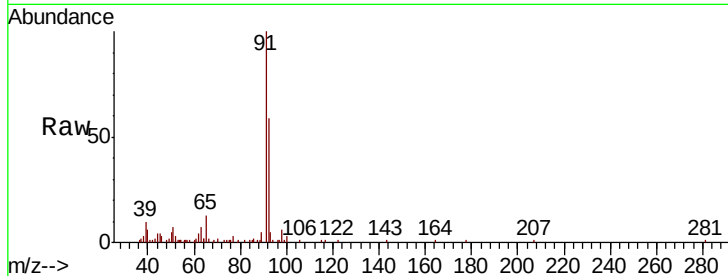
ClientSampleId :

Tot Ion: 91 Resp: 38743

Ion Ratio Lower Upper

91 100

92 59.5 40.7 75.7



#48

2-Hexanone

Concen: 1.877 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. -0.02 min

Lab File: VV013627.D

Acq: 14 Nov 2019 18:03

Tgt Ion: 43 Resp: 19538

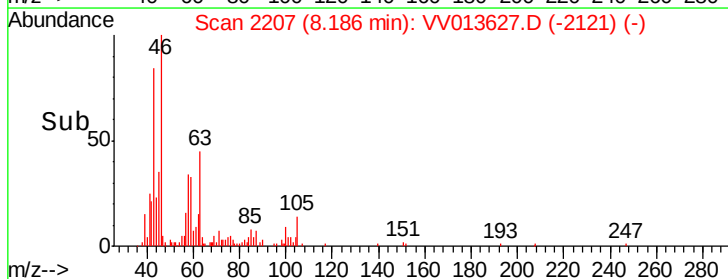
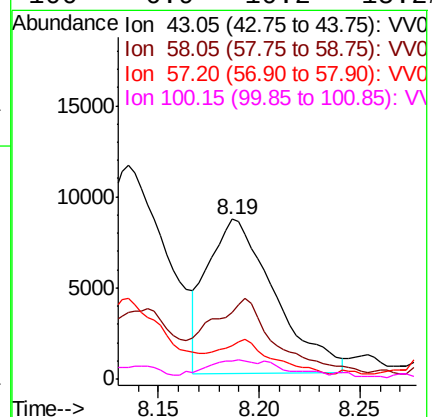
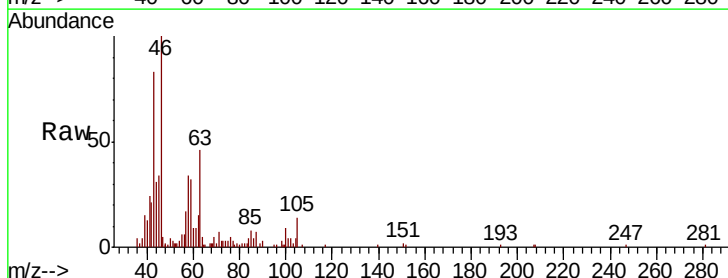
Ion Ratio Lower Upper

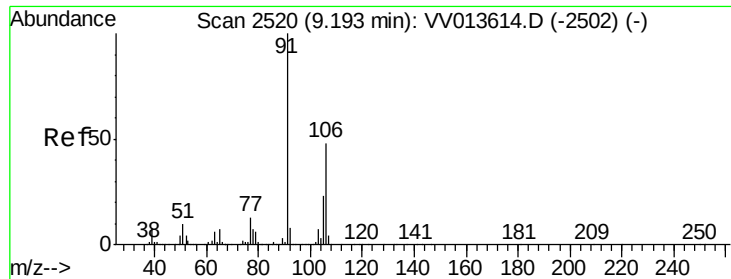
43 100

58 51.8 45.1 67.7

57 18.9 14.6 21.8

100 6.9 10.2 15.2#

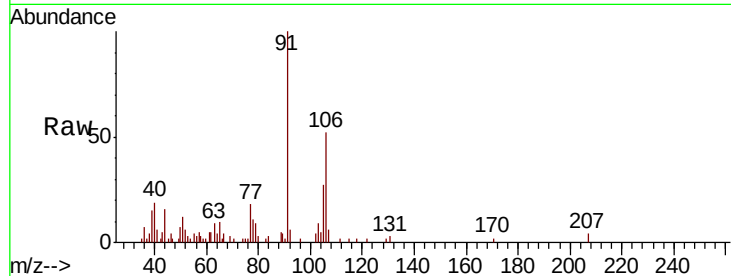




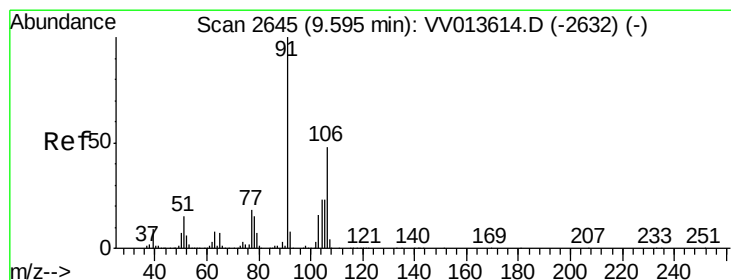
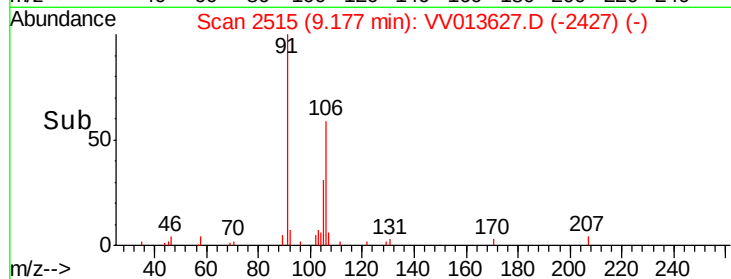
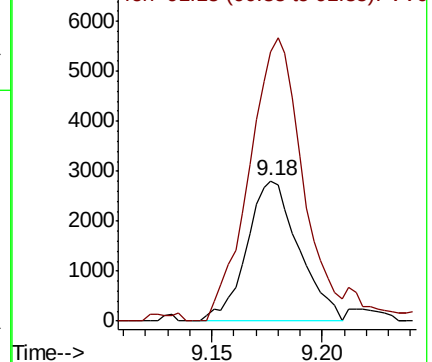
#53
m,p-xylene
Concen: 0.104 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.02 min
Lab File: VV013627.D
Acq: 14 Nov 2019 18:03

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 4598
Ion Ratio Lower Upper
106 100
91 191.9 139.9 259.9

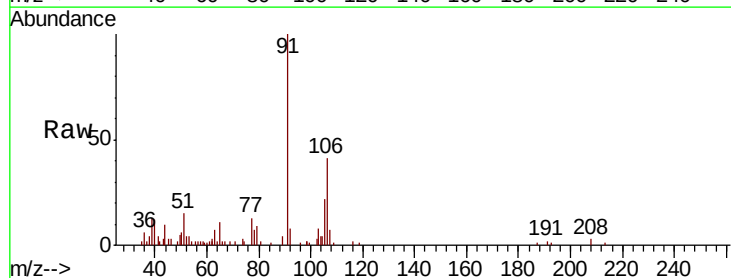


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

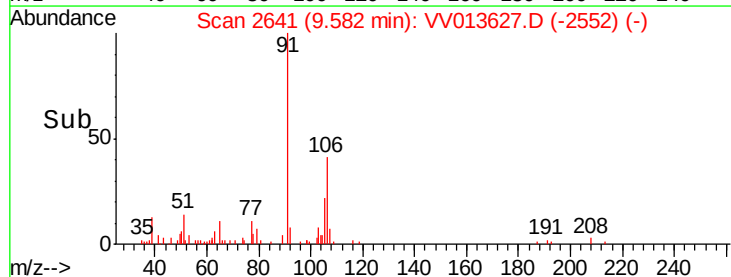
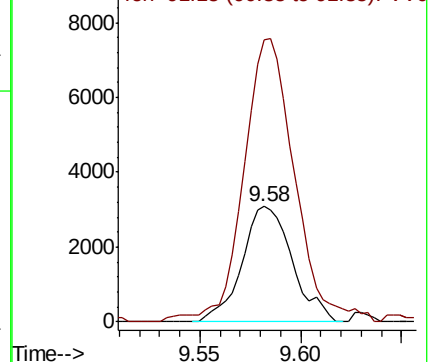


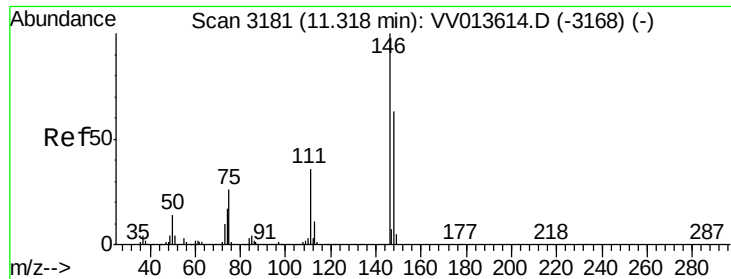
#54
o-xylene
Concen: 0.129 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.01 min
Lab File: VV013627.D
Acq: 14 Nov 2019 18:03

Tgt Ion:106 Resp: 5368
Ion Ratio Lower Upper
106 100
91 244.3 152.7 283.5



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

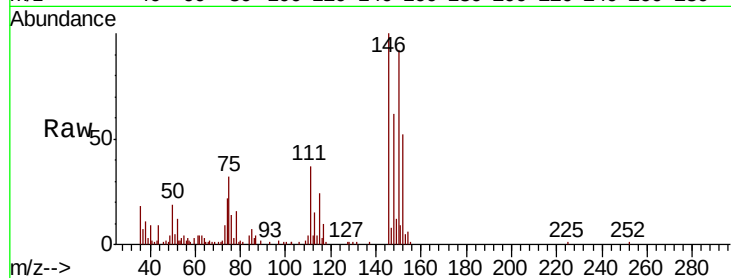




#63
 1,4-Dichlorobenzene
 Concen: 0.396 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: VV013627.D
 Acq: 14 Nov 2019 18:03

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	24.7	45.9
148	61.6	43.8	81.3



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

