

Data File : VV013577.D
Acq On : 11 Nov 2019 12:13
Operator : SY/MD
Sample : K5743-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9S2

Quant Time: Nov 12 07:47:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 12 07:44:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	405630	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	413376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	179921	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76319	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	72519	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.12	63	101624	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.95	46	291012	47.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.96%
24) Chloroform-d	4.40	84	205766	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	115313	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.09	84	364454	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.11	67	127853	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.36	98	279412	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.66	79	43936	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.13	63	170947	39.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95454	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	145020	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

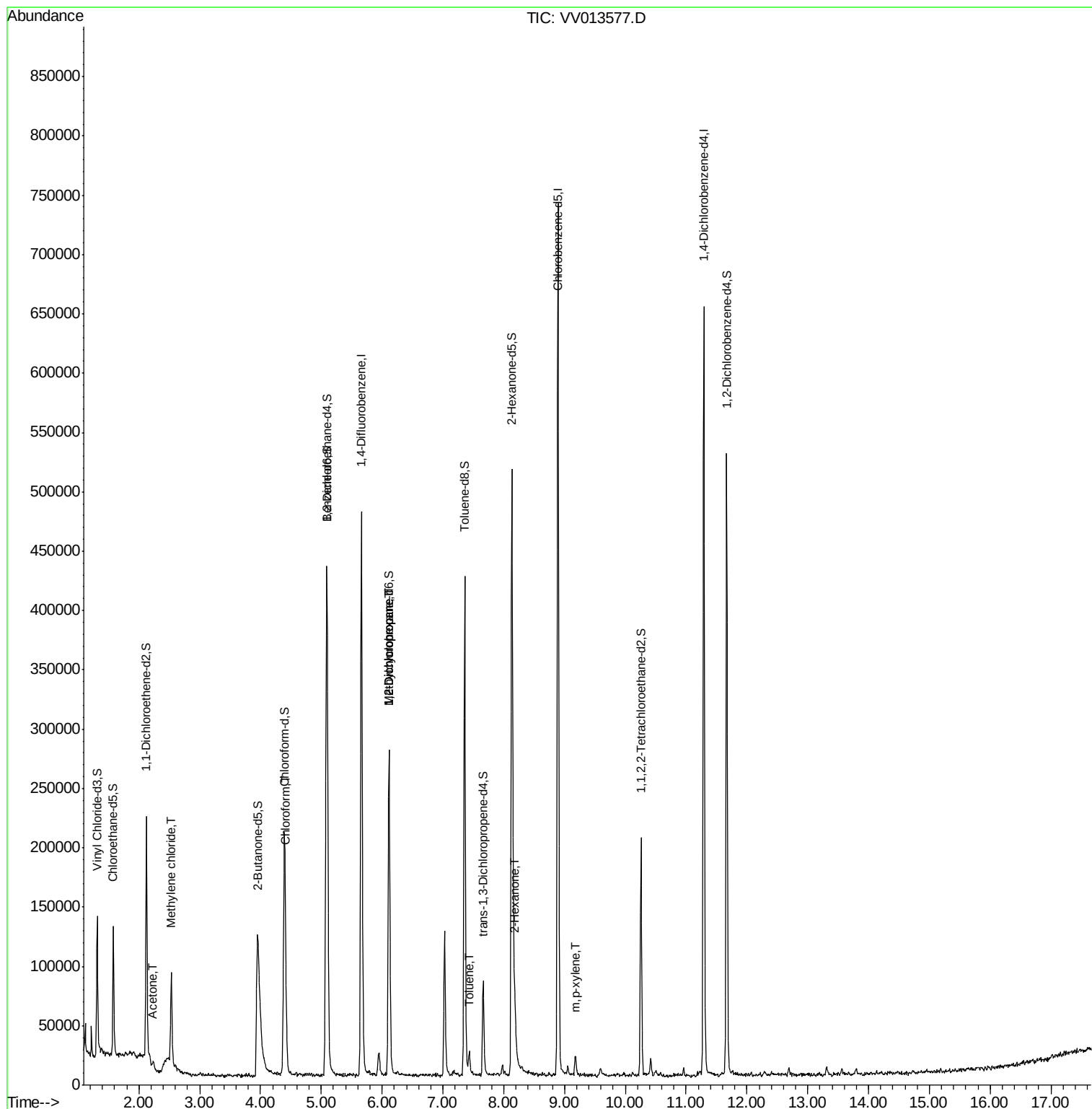
						Qvalue
13) Acetone	2.22	43	7213	1.940	ug/L	73
16) Methylene chloride	2.53	84	32443	1.015	ug/L	97
25) Chloroform	4.42	83	16064	0.261	ug/L	97
35) Methylcyclohexane	6.11	83	32418	0.616	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	15006	0.475	ug/L #	87
42) Toluene	7.43	91	11763	0.088	ug/L	96
48) 2-Hexanone	8.18	43	29223	2.271	ug/L #	92
53) m,p-xylene	9.18	106	4143	0.078	ug/L	64

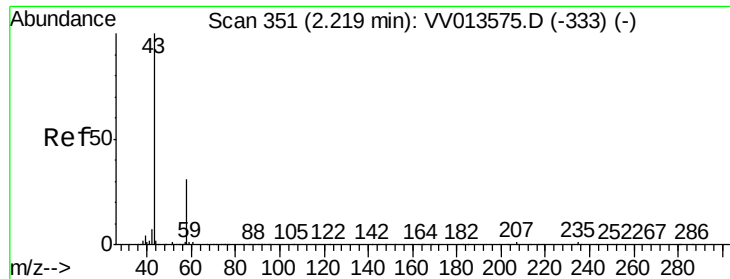
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.940 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

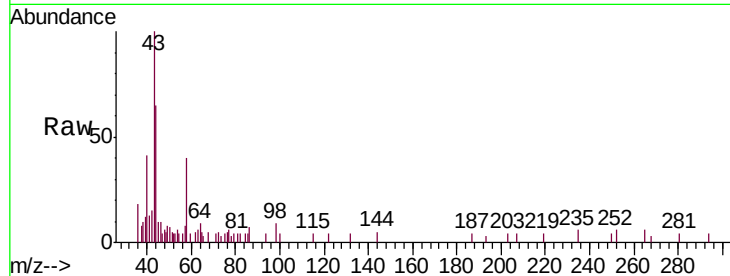
BE9S2

Tgt Ion: 43 Resp: 7213

Ion Ratio Lower Upper

43 100

58 45.4 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.22

3000

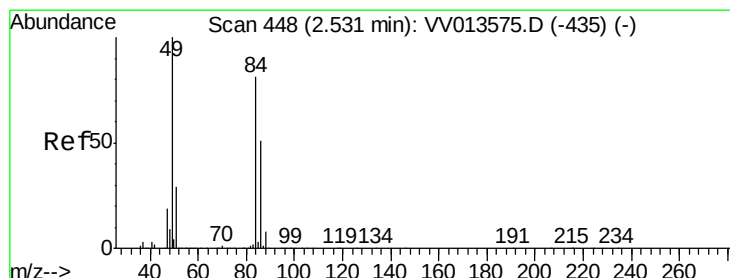
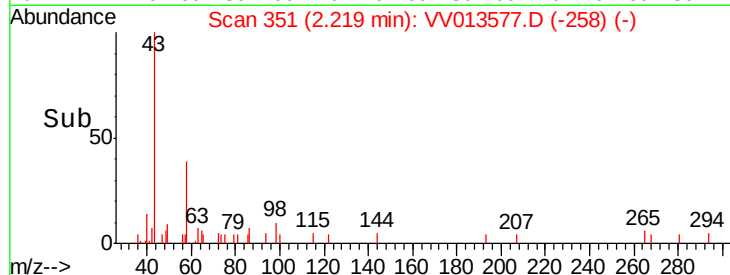
2000

1000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 1.015 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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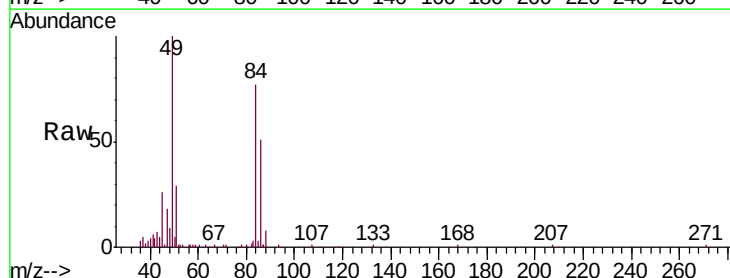
Tgt Ion: 84 Resp: 32443

Ion Ratio Lower Upper

84 100

86 66.6 44.2 82.2

49 129.3 88.8 164.8



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

30000

25000

20000

15000

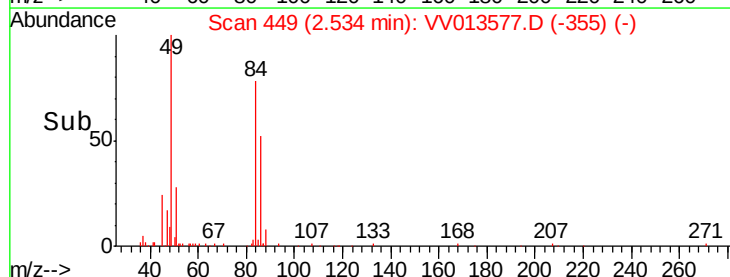
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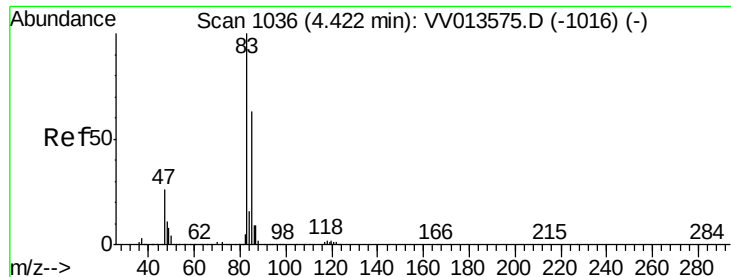
5000

0

Time-->

2.45 2.50 2.55 2.60

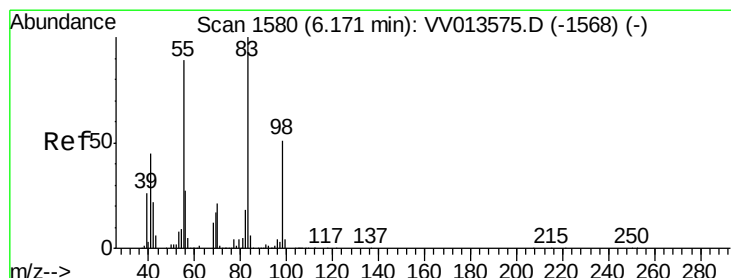
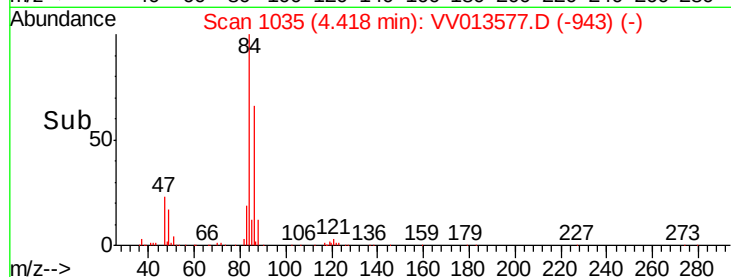
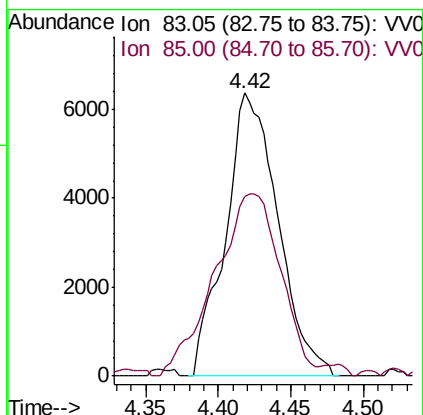
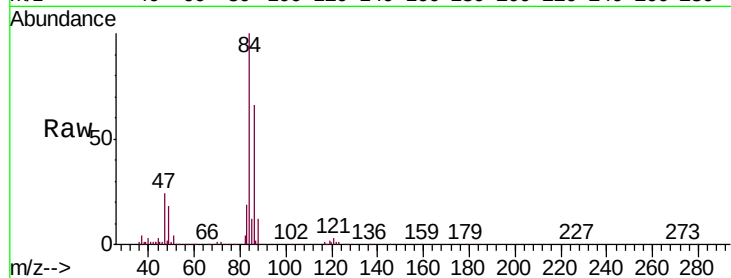




#25
Chloroform
Concen: 0.261 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
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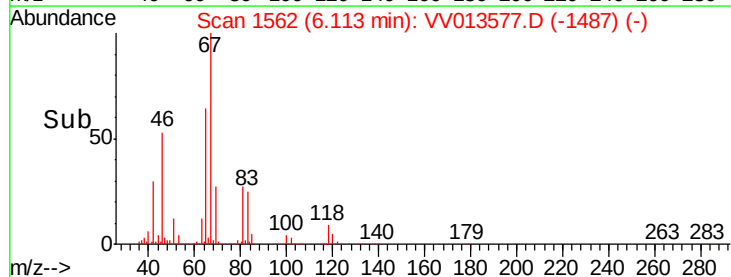
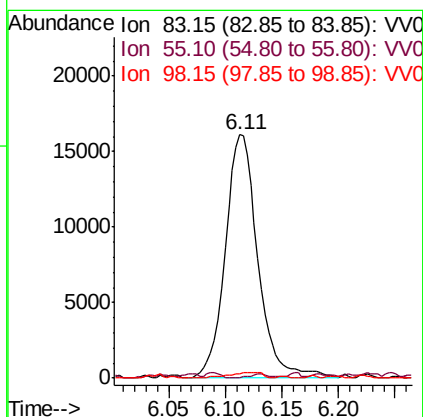
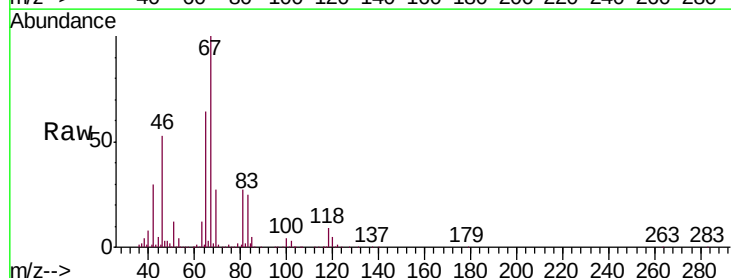
Instrument :
MSVOA_V
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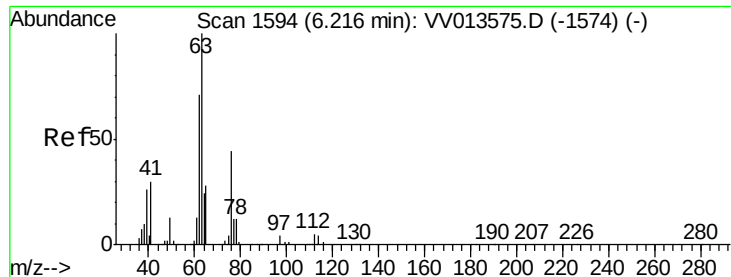
Tgt Ion: 83 Resp: 16064
Ion Ratio Lower Upper
83 100
85 63.5 46.3 86.1



#35
Methylcyclohexane
Concen: 0.616 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013577.D
Acq: 11 Nov 2019 12:13

Tgt Ion: 83 Resp: 32418
Ion Ratio Lower Upper
83 100
55 0.9 63.8 95.8#
98 2.0 38.4 57.6#

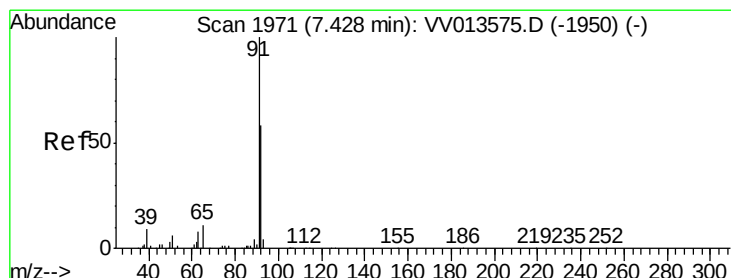
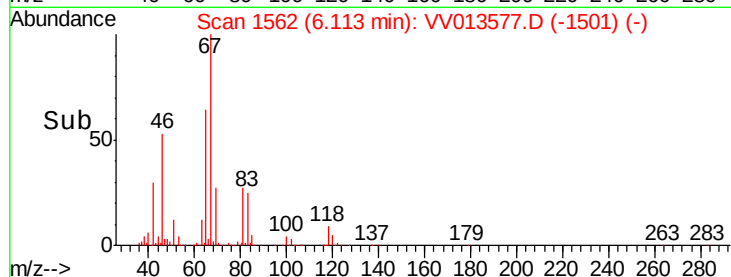
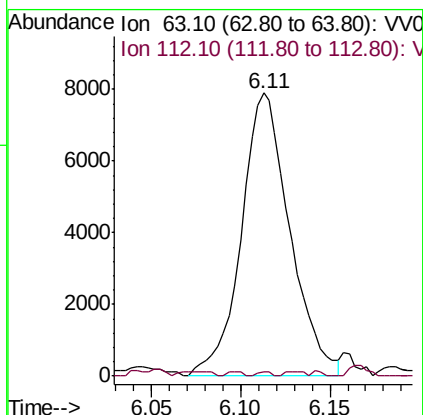
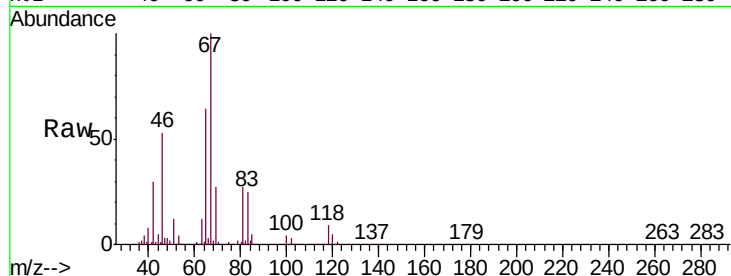




#37
 1,2-Dichloropropane
 Concen: 0.475 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV013577.D
 Acq: 11 Nov 2019 12:13

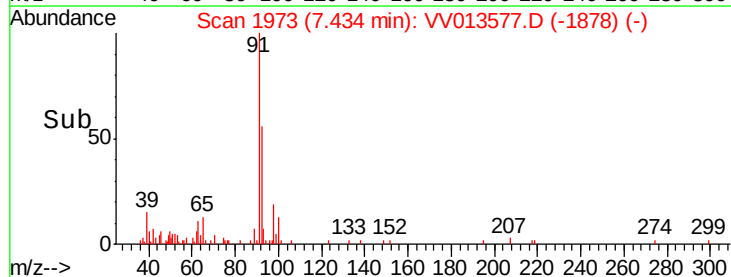
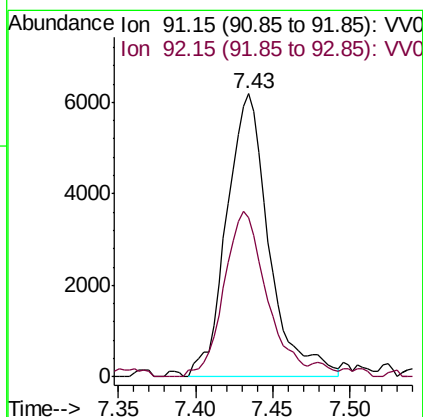
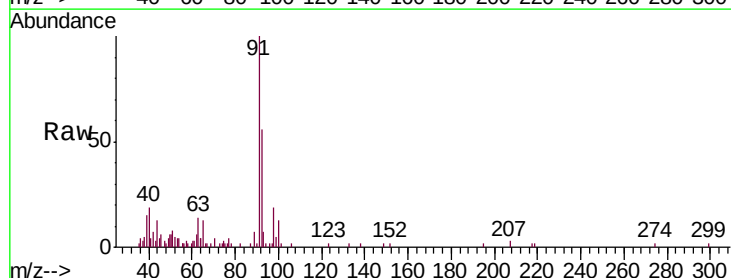
Instrument :
 MSVOA_V
 ClientSampleId :
 BE9S2

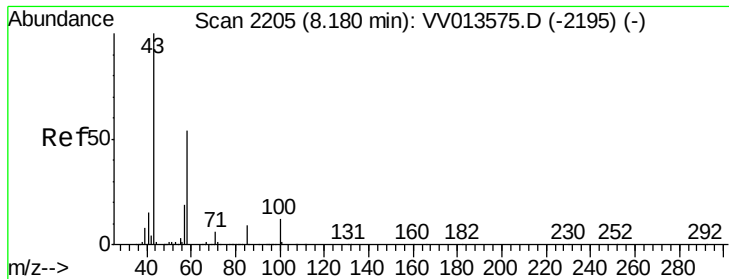
Tgt Ion: 63 Resp: 15006
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.8 5.6#



#42
 Toluene
 Concen: 0.088 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VV013577.D
 Acq: 11 Nov 2019 12:13

Tgt Ion: 91 Resp: 11763
 Ion Ratio Lower Upper
 91 100
 92 56.3 41.4 77.0

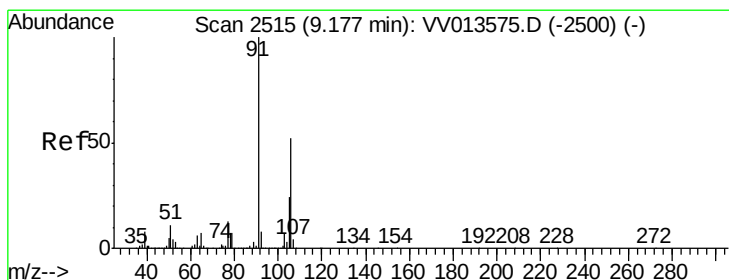
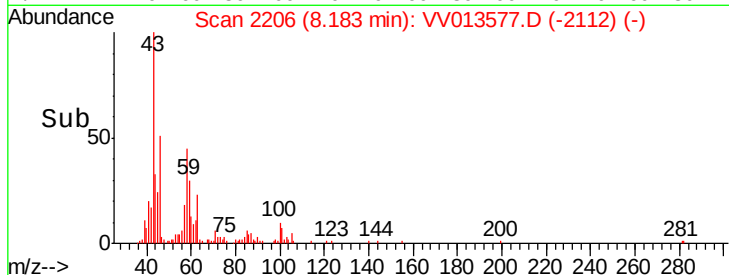
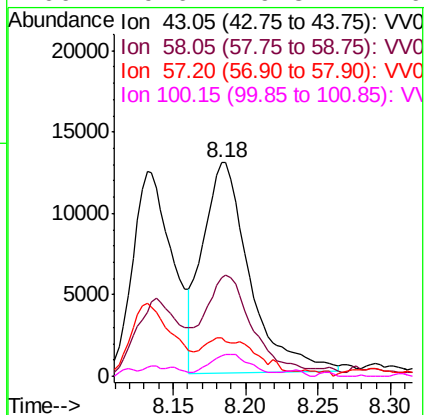
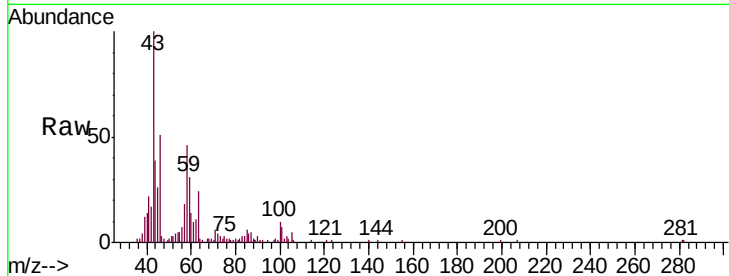




#48
2-Hexanone
Concen: 2.271 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013577.D
Acq: 11 Nov 2019 12:13

Instrument :
MSVOA_V
ClientSampleId :
BE9S2

Tgt Ion:	43	Resp:	29223
Ion	Ratio	Lower	Upper
43	100		
58	47.1	43.8	65.8
57	17.4	15.0	22.6
100	9.6	9.8	14.6#



#53
m,p-xylene
Concen: 0.078 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV013577.D
Acq: 11 Nov 2019 12:13

Tgt Ion:	106	Resp:	4143
Ion	Ratio	Lower	Upper
106	100		
91	258.0	142.0	263.6

