

Data File : VV009034.D
Acq On : 19 Dec 2018 01:18
Operator : SY/MD
Sample : J6419-07
Misc : 4.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZX4

Quant Time: Dec 19 07:25:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 07:18:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	248582	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229447	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94844	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57176	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.92%
7) Chloroethane-d5	1.58	69	54790	28.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.32%
10) 1,1-Dichloroethene-d2	2.13	63	116495	18.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.44%
20) 2-Butanone-d5	3.94	46	44866	47.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.82%
24) Chloroform-d	4.40	84	155513	26.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.08%
26) 1,2-Dichloroethane-d4	5.08	65	94283	28.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.64%
29) Benzene-d6	5.10	84	313291	24.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.80%
33) 1,2-Dichloropropane-d6	6.12	67	95902	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.92%
37) Toluene-d8	7.36	98	284616	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.00%
38) trans-1,3-Dichloropropene-	7.67	79	41749	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.96%
39) 2-Hexanone-d5	8.14	63	26244	39.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	71383	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	91977	25.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.36%

Target Compounds

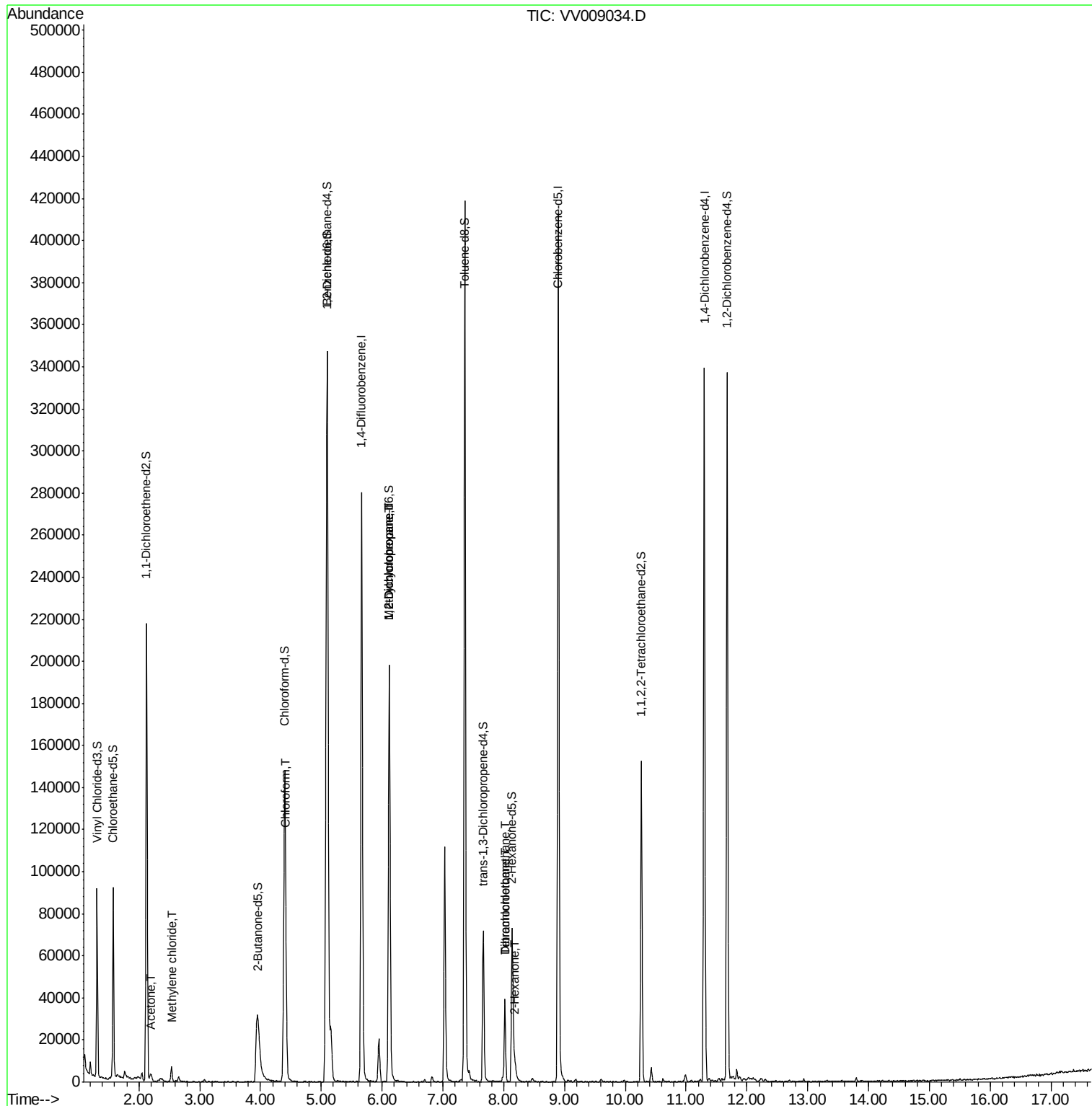
					Qvalue
13) Acetone	2.20	43	4134	2.996 ug/L	64
16) Methylene chloride	2.54	84	3170	0.757 ug/L	94
25) Chloroform	4.42	83	4182	0.694 ug/L #	31
36) Methylcyclohexane	6.12	83	24696	3.736 ug/L #	21
40) 1,2-Dichloropropane	6.12	63	11076	3.357 ug/L #	85
47) Tetrachloroethene	8.02	164	8578	2.545 ug/L	98
49) 2-Hexanone	8.19	43	5582	3.026 ug/L #	72
50) Dibromochloromethane	8.02	129	8698	2.760 ug/L #	11

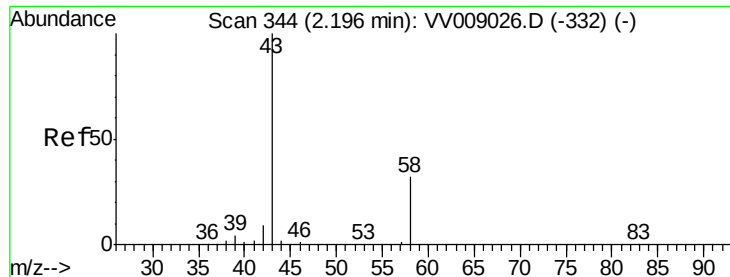
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.996 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

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Acq: 19 Dec 2018 01:18

Instrument :

MSVOA_V

ClientSampleId :

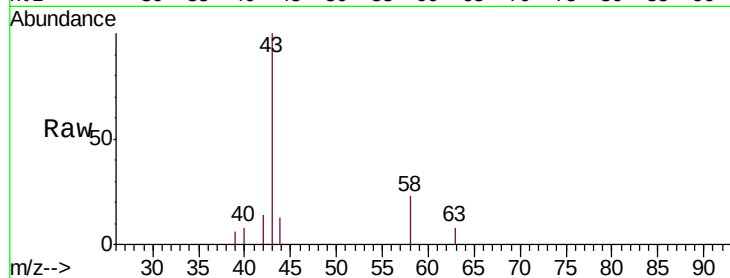
BEZX4

Tgt Ion: 43 Resp: 4134

Ion Ratio Lower Upper

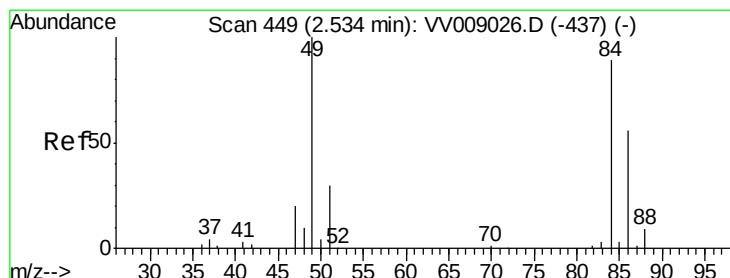
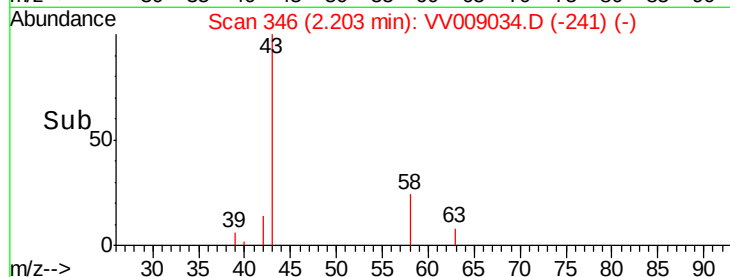
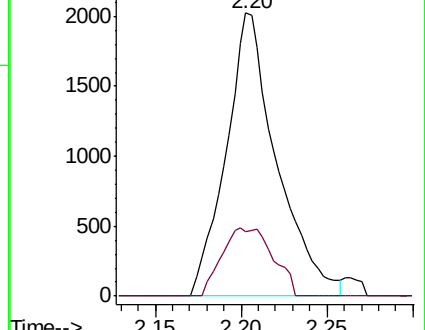
43 100

58 12.4 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009034.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VV009034.D (-346) (-)



#16

Methylene chloride

Concen: 0.757 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009034.D

Acq: 19 Dec 2018 01:18

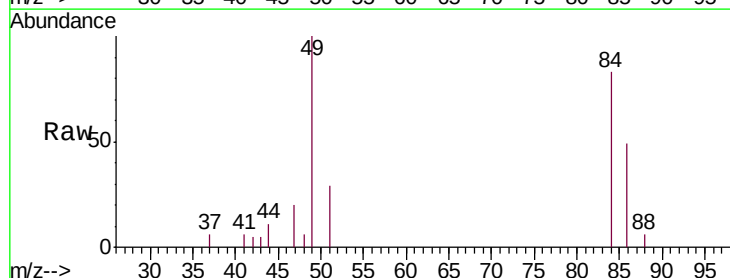
Tgt Ion: 84 Resp: 3170

Ion Ratio Lower Upper

84 100

49 120.4 80.5 149.5

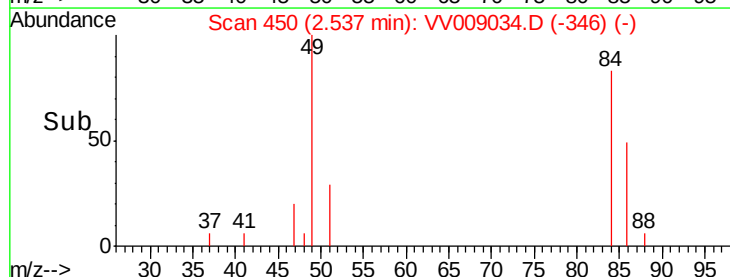
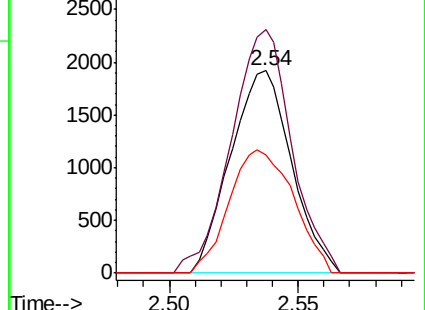
86 58.4 45.5 84.5

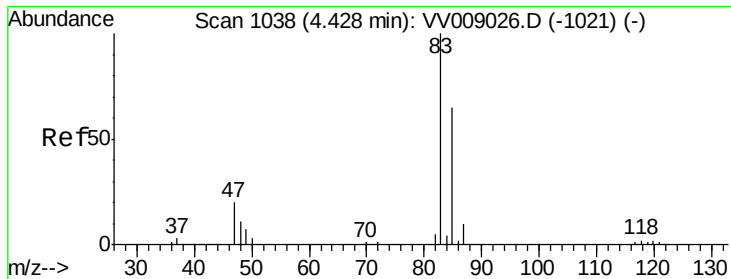


Abundance Ion 84.00 (83.70 to 84.70): VV009034.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009034.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009034.D (-346) (-)

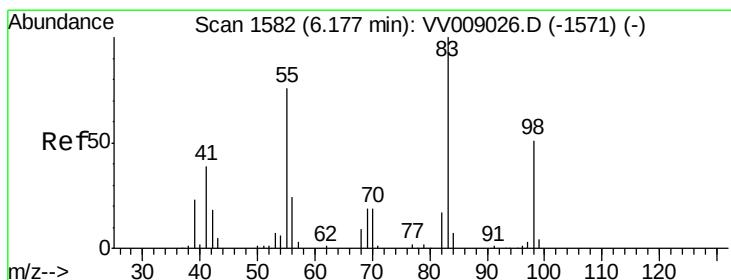
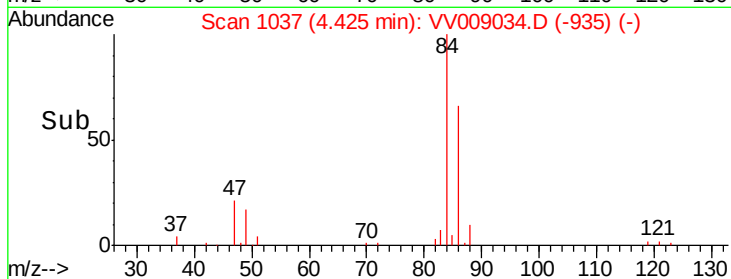
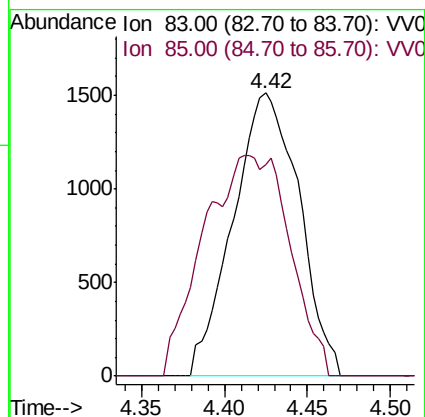
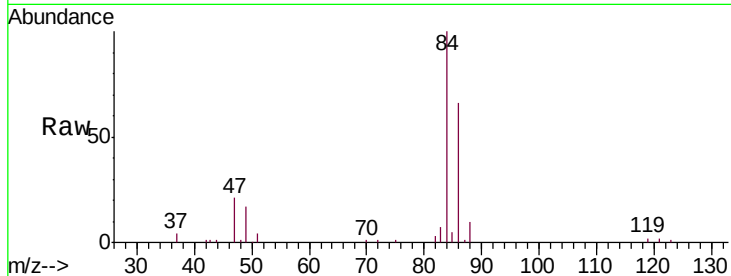




#25
Chloroform
Concen: 0.694 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009034.D
Acq: 19 Dec 2018 01:18

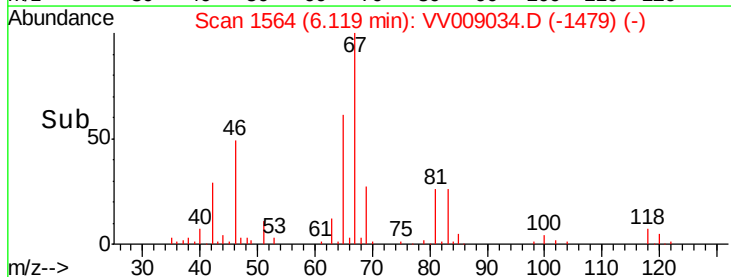
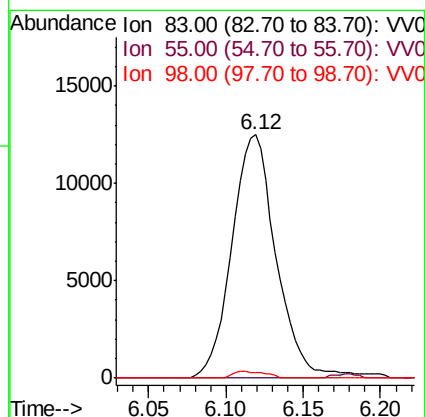
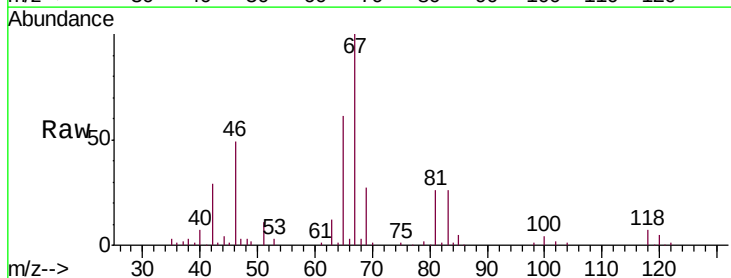
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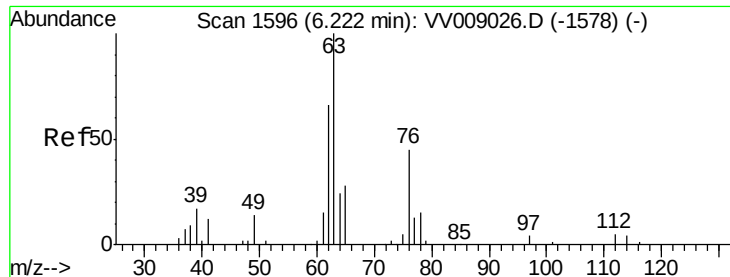
Tgt Ion: 83 Resp: 4182
Ion Ratio Lower Upper
83 100
85 10.6 45.6 84.8#



#36
Methylcyclohexane
Concen: 3.736 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009034.D
Acq: 19 Dec 2018 01:18

Tgt Ion: 83 Resp: 24696
Ion Ratio Lower Upper
83 100
55 0.9 58.2 87.2#
98 2.0 37.8 56.8#

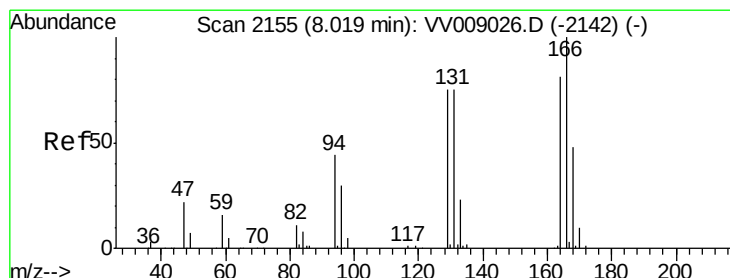
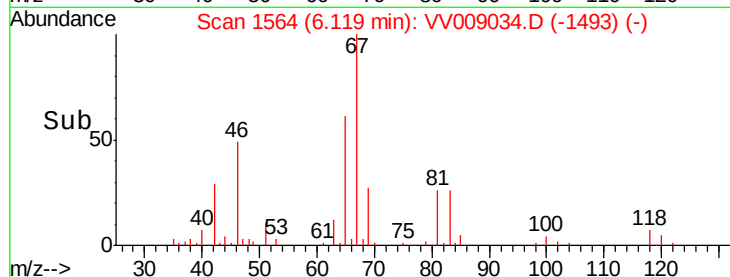
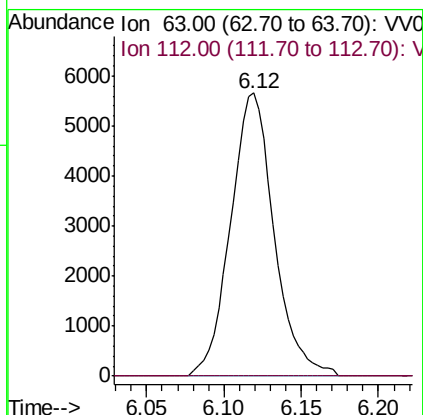
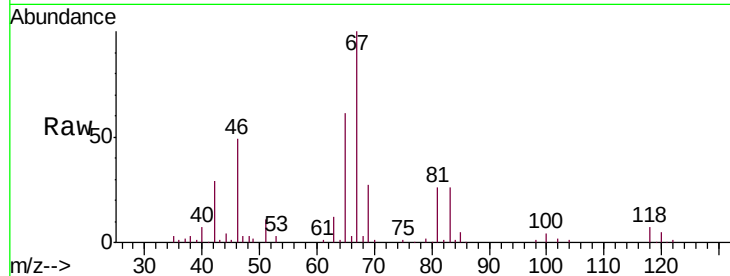




#40
 1,2-Dichloropropane
 Concen: 3.357 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009034.D
 Acq: 19 Dec 2018 01:18

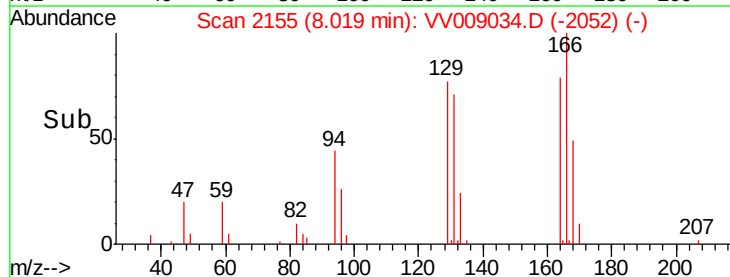
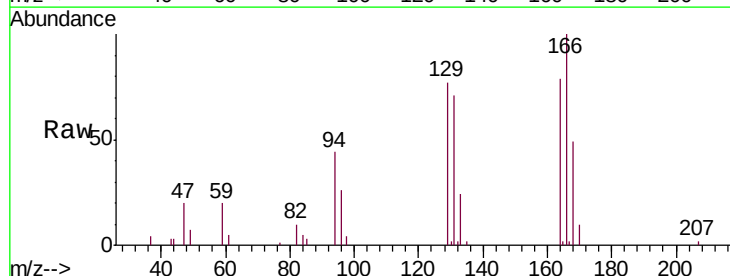
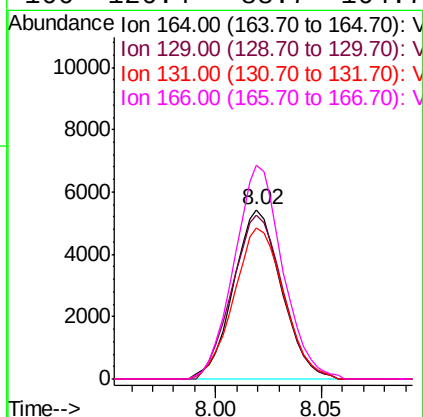
Instrument :
 MSVOA_V
 ClientSampleId :
 BEZX4

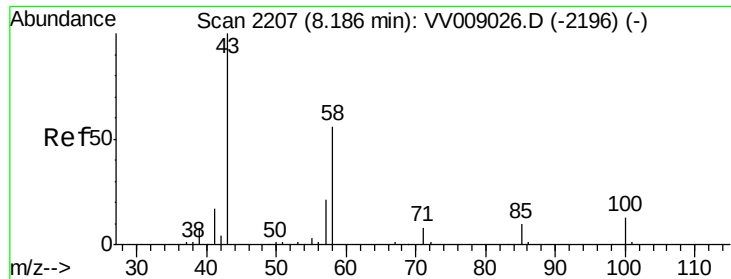
Tgt Ion: 63 Resp: 11076
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#47
 Tetrachloroethene
 Concen: 2.545 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV009034.D
 Acq: 19 Dec 2018 01:18

Tgt Ion: 164 Resp: 8578
 Ion Ratio Lower Upper
 164 100
 129 97.2 64.6 120.0
 131 89.5 64.5 119.7
 166 126.4 88.7 164.7

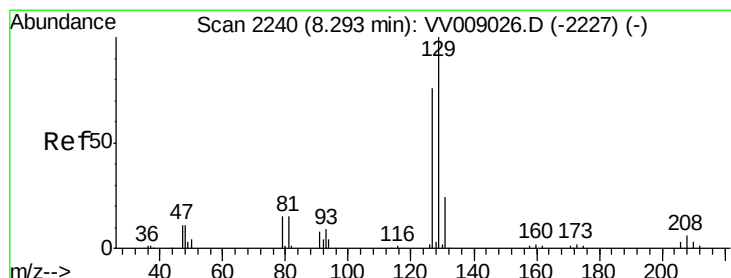
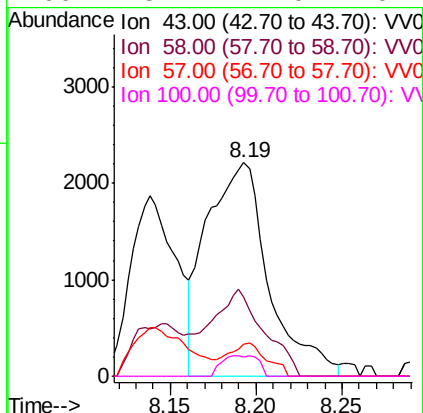
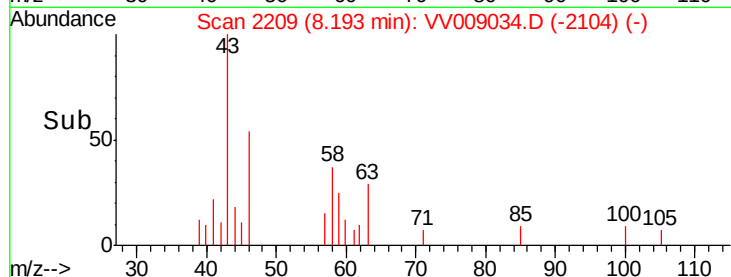
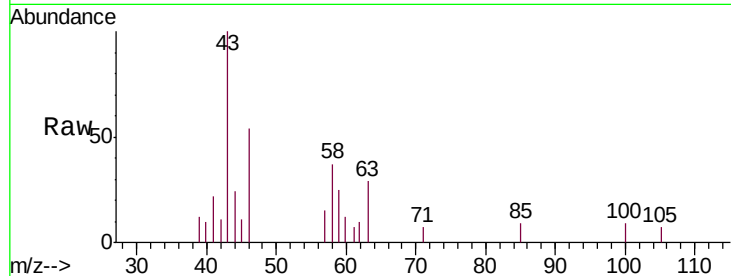




#49
2-Hexanone
Concen: 3.026 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV009034.D
Acq: 19 Dec 2018 01:18

Instrument :
MSVOA_V
ClientSampleId :
BEZX4

Tgt Ion: 43 Resp: 5582
Ion Ratio Lower Upper
43 100
58 32.1 43.9 65.9#
57 9.4 15.7 23.5#
100 3.7 11.0 16.4#



#50
Dibromochloromethane
Concen: 2.760 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV009034.D
Acq: 19 Dec 2018 01:18

Tgt Ion: 129 Resp: 8698
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#

