

Data File : VV013855.D
Acq On : 29 Nov 2019 17:18
Operator : SY/MD
Sample : K6007-16ME
Misc : 3.62g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BM2ME

Quant Time: Nov 29 22:38:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	674142	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	649450	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	340527	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	172508	43.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.40%
7) Chloroethane-d5	1.55	69	99979	31.11	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.22%#
11) 1,1-Dichloroethene-d2	2.10	63	245329	35.53	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.06%
21) 2-Butanone-d5	3.93	46	222655	76.28	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.28%
24) Chloroform-d	4.39	84	352047	41.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.16%
26) 1,2-Dichloroethane-d4	5.07	65	245074	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
32) Benzene-d6	5.09	84	777873	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
36) 1,2-Dichloropropane-d6	6.11	67	241021	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.80%
41) Toluene-d8	7.35	98	676064	42.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.84%
43) trans-1,3-Dichloropropene-	7.66	79	105494	40.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.72%
47) 2-Hexanone-d5	8.14	63	216247	106.09	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.09%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	335663	47.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.10%
64) 1,2-Dichlorobenzene-d4	11.67	152	329156	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%

Target Compounds

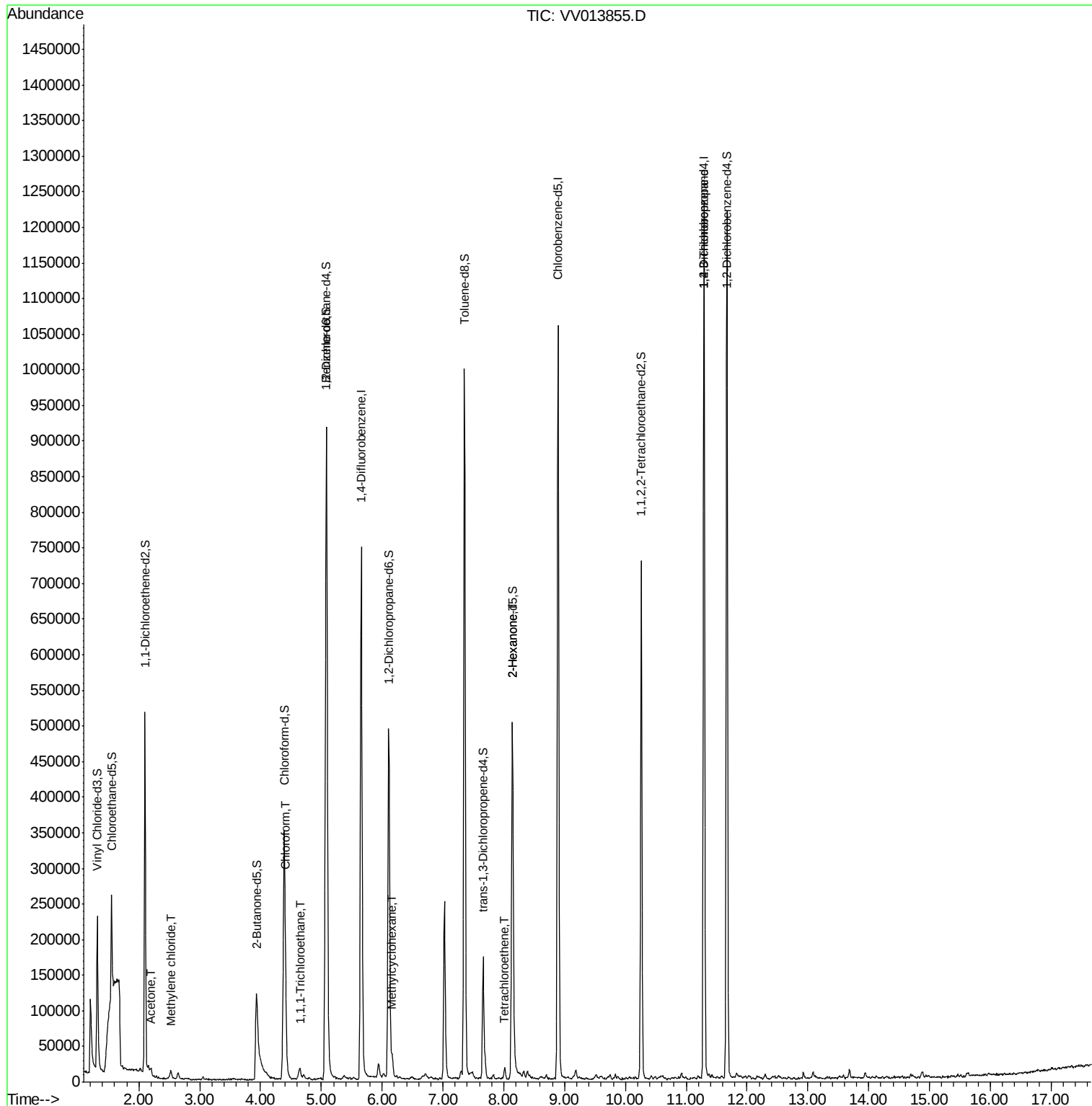
					Qvalue
13) Acetone	2.20	43	9725	3.570 ug/L	87
16) Methylene chloride	2.52	84	3557	0.740 ug/L	93
25) Chloroform	4.41	83	25335	2.918 ug/L	97
30) 1,1,1-Trichloroethane	4.65	97	11473	1.587 ug/L	96
35) Methylcyclohexane	6.16	83	10945	1.449 ug/L	95
46) Tetrachloroethene	8.01	164	2440	0.583 ug/L	92
48) 2-Hexanone	8.14	43	27056	5.476 ug/L #	70
59) 1,2,3-Trichloropropane	11.29	75	33006	5.776 ug/L	89

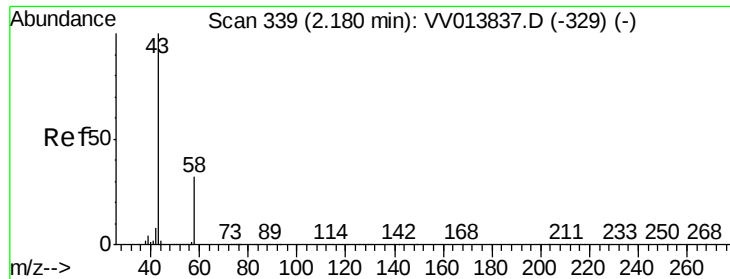
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.570 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.02 min

Lab File: VV013855.D

Acq: 29 Nov 2019 17:18

Instrument :

MSVOA_V

ClientSampleId :

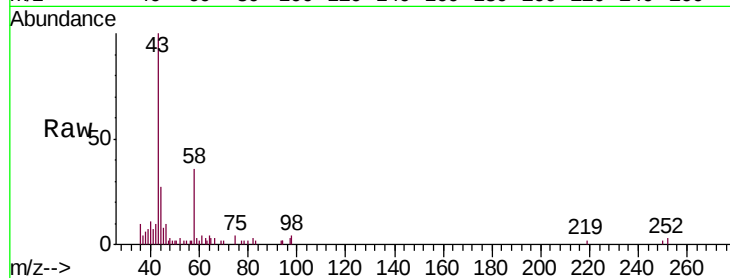
C0BM2ME

Tgt Ion: 43 Resp: 9725

Ion Ratio Lower Upper

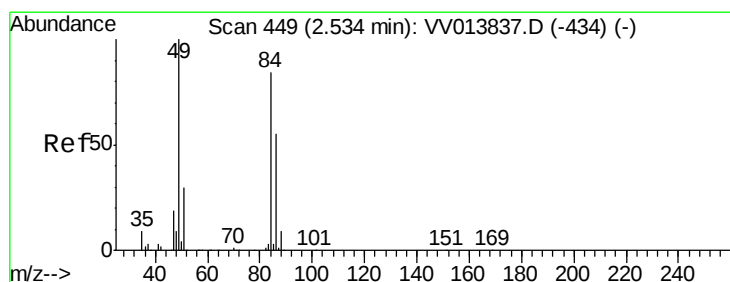
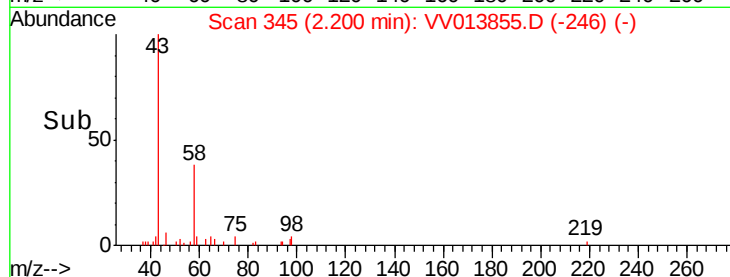
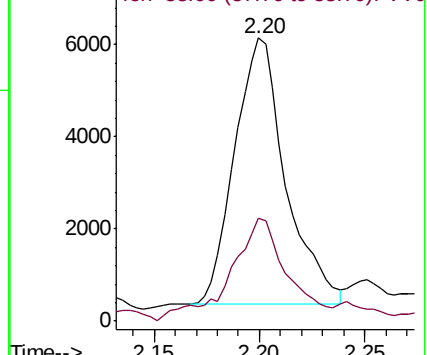
43 100

58 40.1 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 0.740 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.01 min

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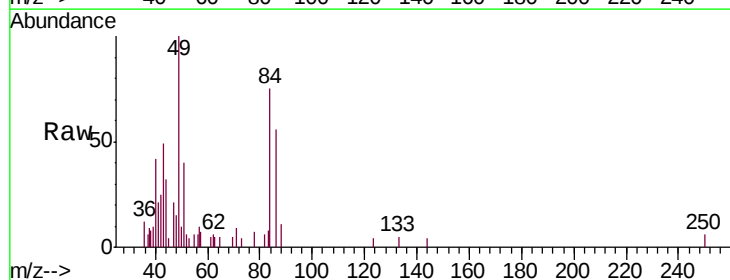
Tgt Ion: 84 Resp: 3557

Ion Ratio Lower Upper

84 100

86 73.9 44.7 83.1

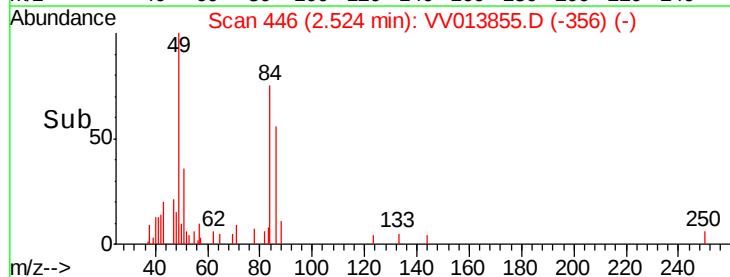
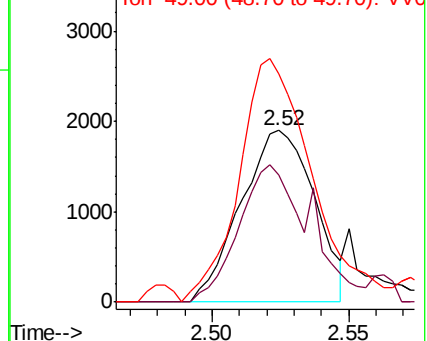
49 132.7 89.2 165.8

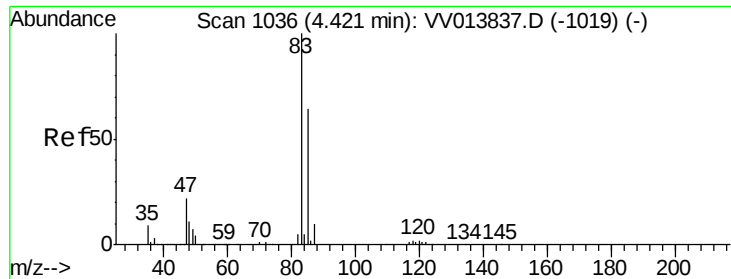


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

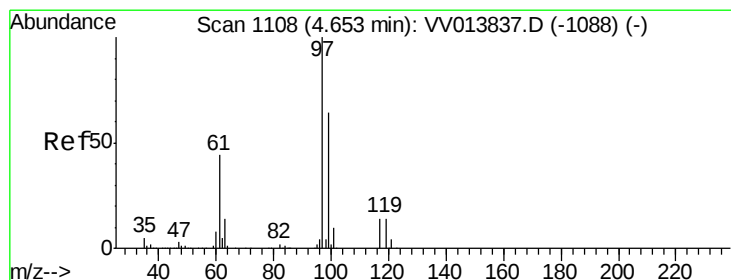
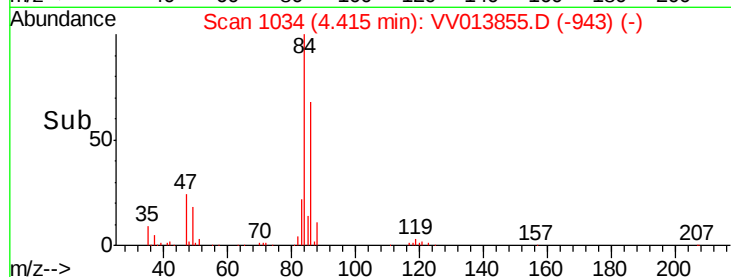
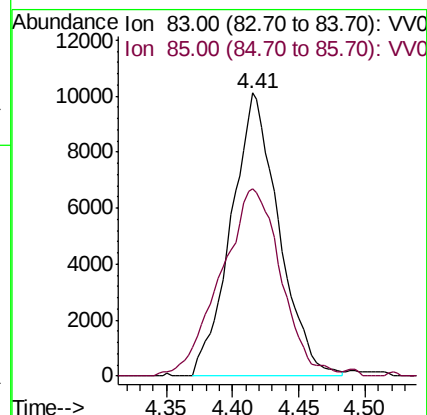
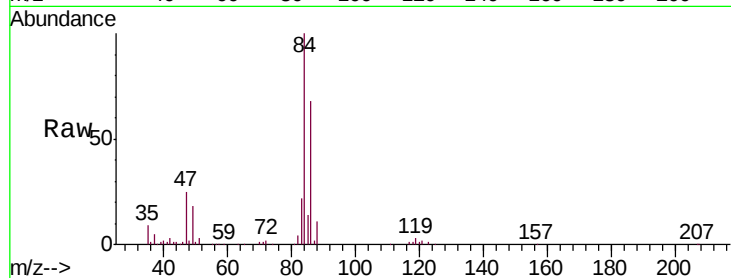




#25
Chloroform
Concen: 2.918 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV013855.D
Acq: 29 Nov 2019 17:18

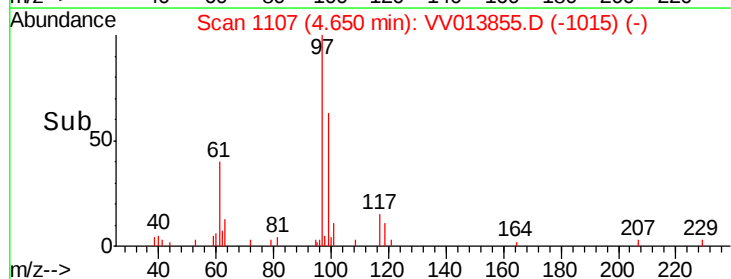
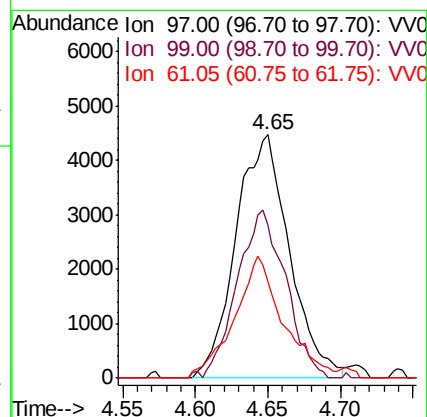
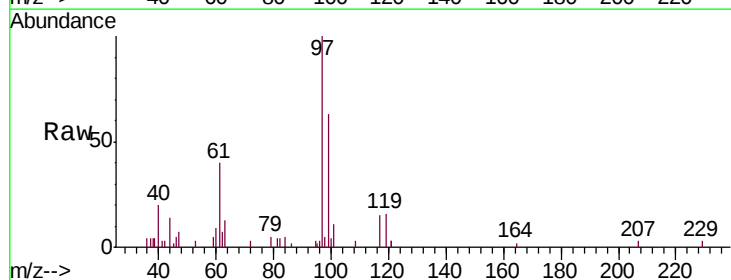
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MSVOA_V
ClientSampleId :
C0BM2ME

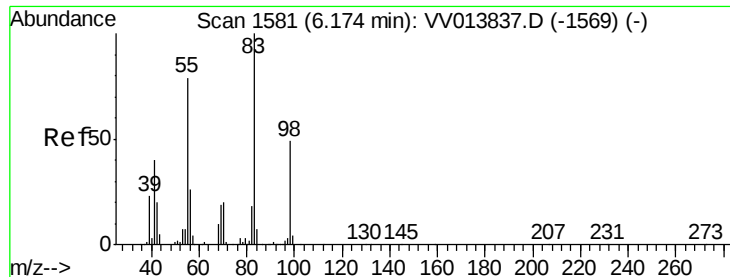
Tgt Ion: 83 Resp: 25335
Ion Ratio Lower Upper
83 100
85 66.0 44.4 82.5



#30
1,1,1-Trichloroethane
Concen: 1.587 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV013855.D
Acq: 29 Nov 2019 17:18

Tgt Ion: 97 Resp: 11473
Ion Ratio Lower Upper
97 100
99 62.3 52.0 78.0
61 41.6 35.8 53.8

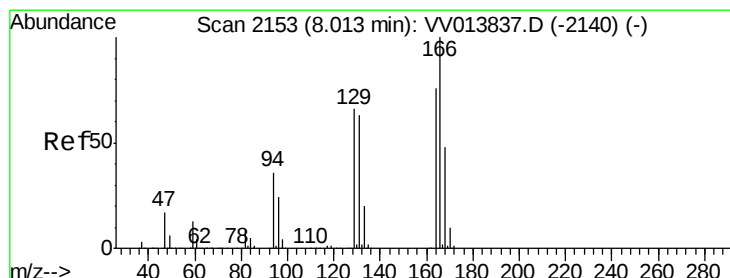
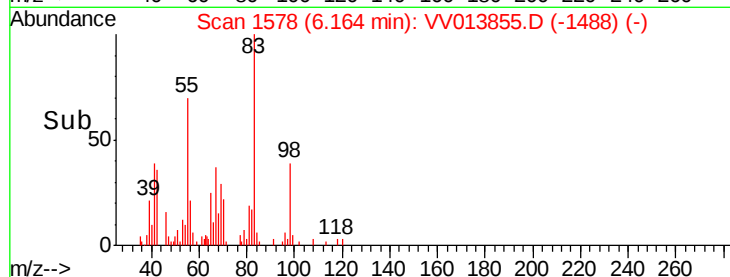
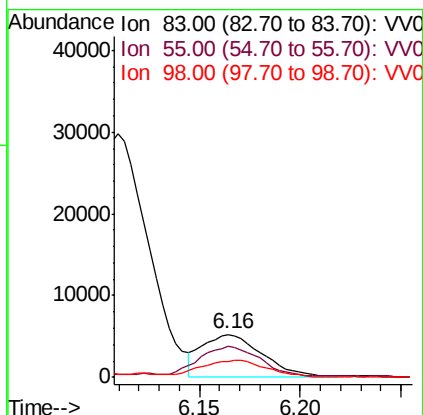
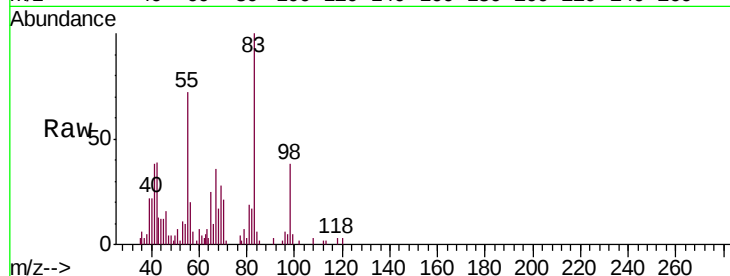




#35
Methylcyclohexane
Concen: 1.449 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VV013855.D
Acq: 29 Nov 2019 17:18

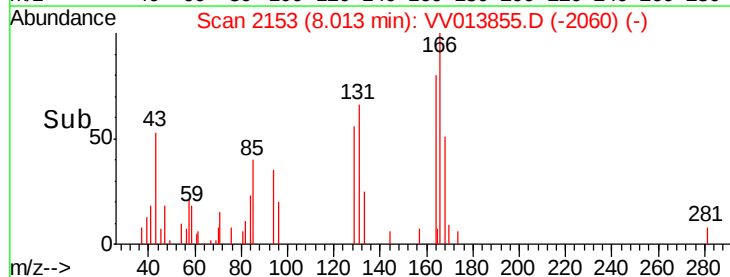
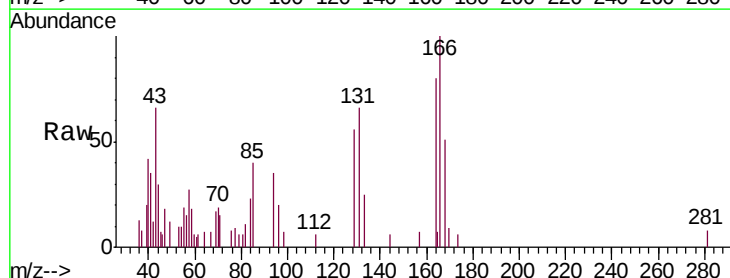
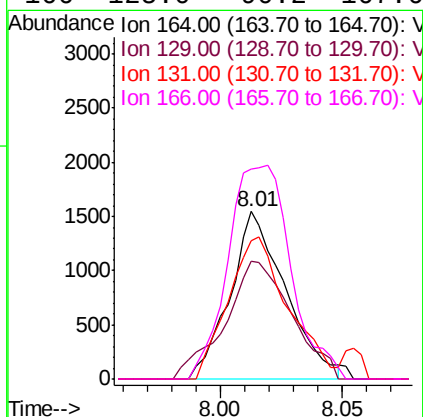
Instrument :
MSVOA_V
ClientSampleId :
C0BM2ME

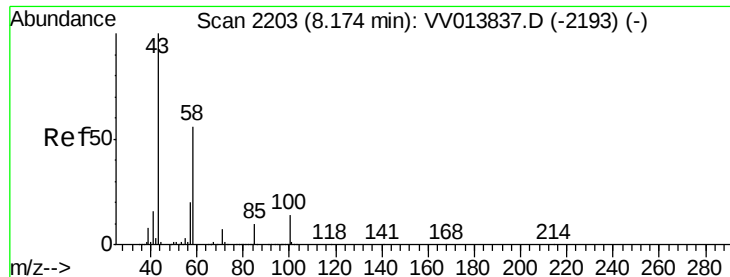
Tgt Ion: 83 Resp: 10945
Ion Ratio Lower Upper
83 100
55 75.6 63.4 95.0
98 43.5 38.6 58.0



#46
Tetrachloroethene
Concen: 0.583 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV013855.D
Acq: 29 Nov 2019 17:18

Tgt Ion: 164 Resp: 2440
Ion Ratio Lower Upper
164 100
129 69.9 61.5 114.3
131 82.5 60.6 112.6
166 125.0 90.2 167.6

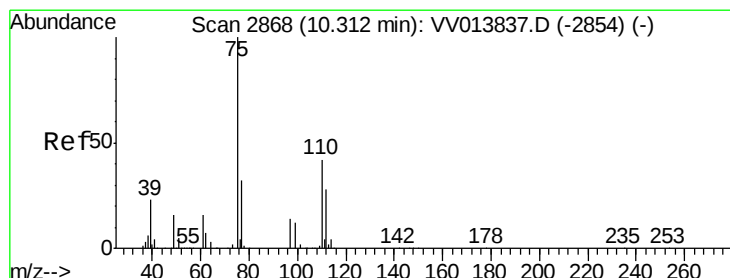
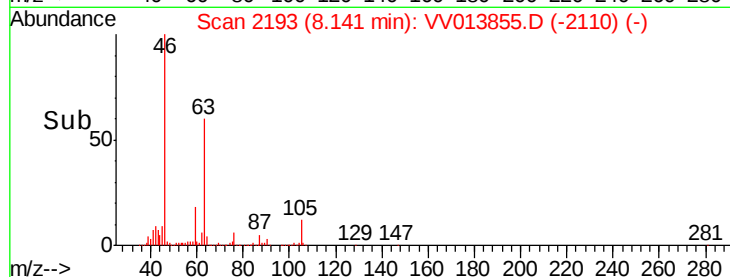
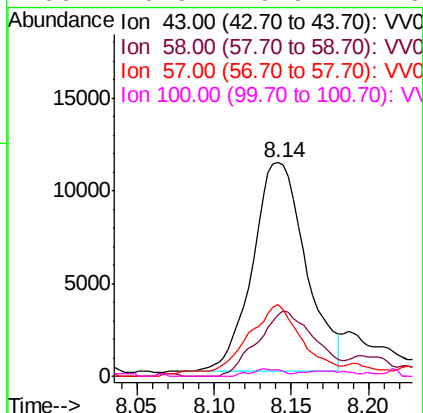
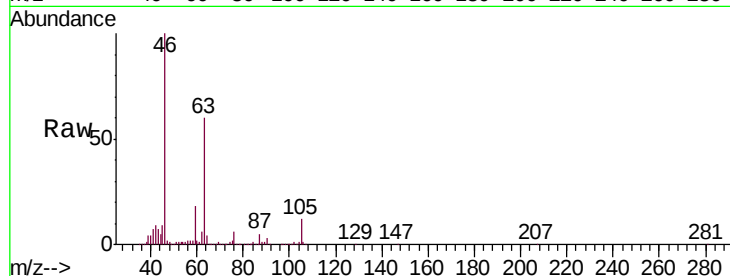




#48
 2-Hexanone
 Concen: 5.476 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.03 min
 Lab File: VV013855.D
 Acq: 29 Nov 2019 17:18

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BM2ME

Tgt Ion: 43 Resp: 27056
 Ion Ratio Lower Upper
 43 100
 58 33.4 43.4 65.0#
 57 34.6 15.2 22.8#
 100 0.9 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.776 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV013855.D
 Acq: 29 Nov 2019 17:18

Tgt Ion: 75 Resp: 33006
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.4 38.2

