

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010219\
 Data File : VX006878.D
 Acq On : 02 Jan 2019 13:38
 Operator : JC/MD
 Sample : J6590-01ME
 Misc : 6.60g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-06A

Quant Time: Jan 03 00:10:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	623946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	913527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	856629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	486640	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	300376	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	
35) Dibromofluoromethane	5.51	113	265192	45.91	ug/l	0.00
Spiked Amount			Recovery	=	91.82%	
50) Toluene-d8	8.71	98	1082226	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.14	95	428052	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2615	Below Cal		82
10) Methyl Iodide	2.48	142	2824	0.336	ug/l #	80
13) Acrolein	2.35	56	13910	13.739	ug/l #	71
14) Allyl chloride	2.74	41	29799	3.176	ug/l #	71
15) Acrylonitrile	3.13	53	33966	10.193	ug/l #	41
16) Acetone	2.49	43	3113	1.008	ug/l #	75
18) Methyl Acetate	2.81	43	718283	79.066	ug/l #	52
20) Methylene Chloride	2.84	84	3545	0.555	ug/l #	1
23) Vinyl Acetate	3.78	43	8540	0.608	ug/l #	81
25) 2-Butanone	4.74	43	1115	0.257	ug/l #	15
28) Bromochloromethane	5.01	49	275	Below Cal	#	71
30) Chloroform	5.26	83	46957	4.425	ug/l #	25
31) Cyclohexane	5.59	56	336154	36.107	ug/l #	47
36) 1,1-Dichloropropene	5.66	75	37141	4.909	ug/l #	49
37) Ethyl Acetate	4.87	43	2604	0.331	ug/l #	1
38) Carbon Tetrachloride	5.65	117	53687	7.301	ug/l #	15
39) Methylcyclohexane	7.45	83	517681	51.971	ug/l	90
41) Methacrylonitrile	5.05	41	13605	3.254	ug/l #	43
43) Isopropyl Acetate	6.34	43	1953063	162.999	ug/l #	59
45) 1,2-Dichloropropane	7.57	63	3282	0.586	ug/l #	1
46) Dibromomethane	7.63	93	2350	0.571	ug/l #	1
47) Bromodichloromethane	7.94	83	33434	4.892	ug/l #	24
48) Methyl methacrylate	7.73	41	81285	13.340	ug/l #	57
49) 1,4-Dioxane	7.73	88	104	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.68	43	403837	52.970	ug/l #	80
55) 1,1,2-Trichloroethane	9.16	97	173580	28.542	ug/l #	19
56) Ethyl methacrylate	9.16	69	48287	5.618	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.34	63	983	0.215	ug/l #	44
59) 2-Hexanone	9.44	43	131190	22.490	ug/l #	29
60) Dibromochloromethane	9.55	129	1070	2.485	ug/l	83
67) Ethyl Benzene	10.25	91	68078	2.299	ug/l	96
68) m/p-Xylenes	10.36	106	37090	3.174	ug/l	91
69) o-Xylene	10.70	106	3569	0.309	ug/l	92
71) Bromoform	10.79	173	126	4.482	ug/l #	28

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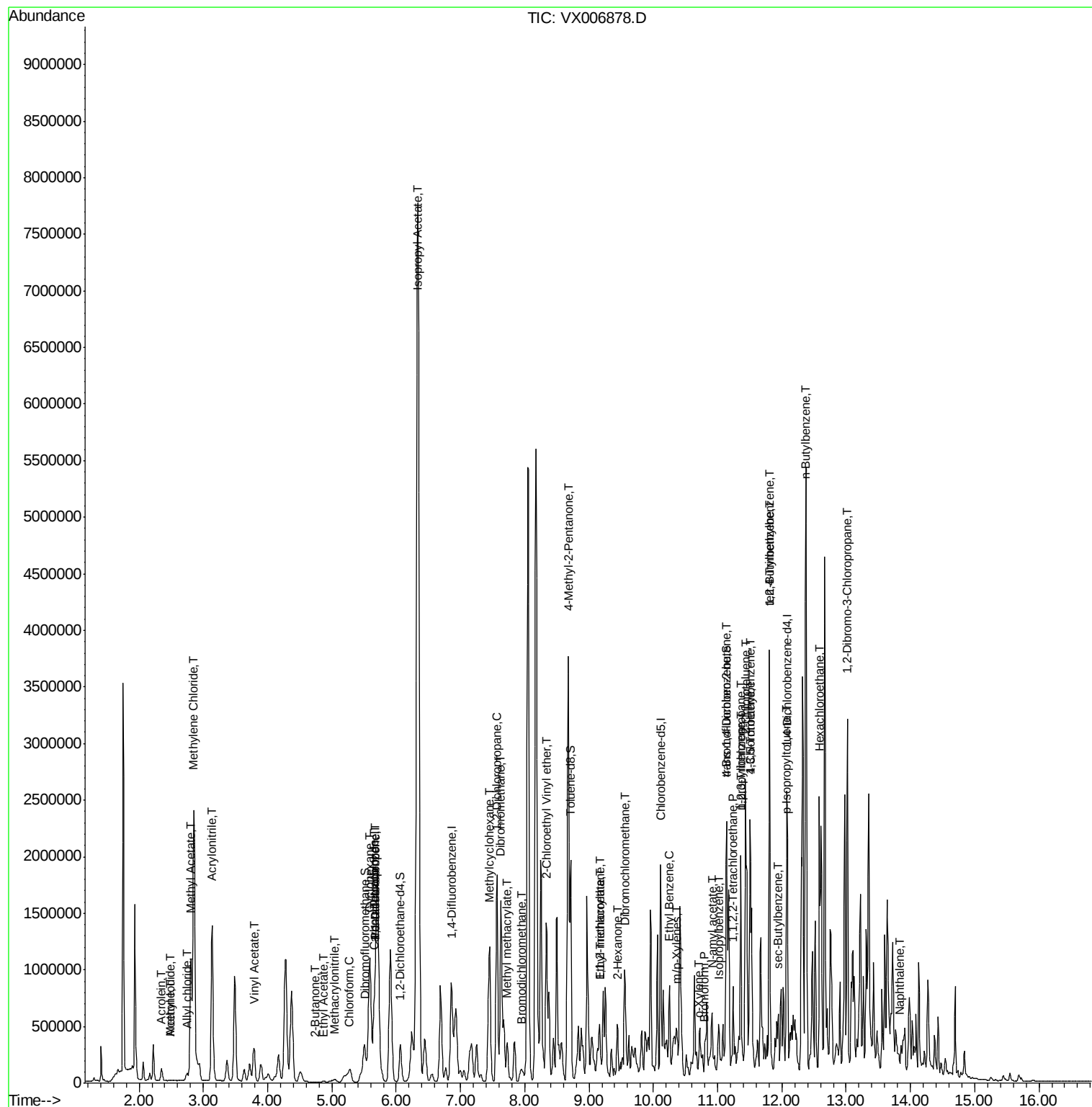
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	11.02	105	165787	4.980	ug/l	100
74) N-amyl acetate	10.91	43	53853	4.519	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.24	83	7955	0.803	ug/l #	9
76) 1,2,3-Trichloropropane	11.36	75	6652	0.736	ug/l #	1
78) n-propylbenzene	11.36	91	1093550	29.829	ug/l	98
79) 2-Chlorotoluene	11.43	91	239747	10.791	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	886246	32.319	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	200248	65.913	ug/l #	12
82) 4-Chlorotoluene	11.51	91	97712	3.834	ug/l #	45
83) tert-Butylbenzene	11.81	119	188824	6.880	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.81	105	1508188	52.290	ug/l	99
85) sec-Butylbenzene	11.94	105	210174	6.246	ug/l	89
86) p-Isopropyltoluene	12.07	119	101581	3.434	ug/l	98
89) n-Butylbenzene	12.38	91	865246	34.372	ug/l #	29
90) Hexachloroethane	12.58	117	95492	22.563	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	8692	4.243	ug/l #	1
95) Naphthalene	13.83	128	21263	0.595	ug/l #	70

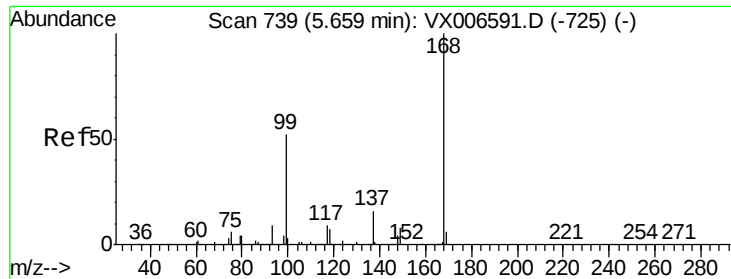
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

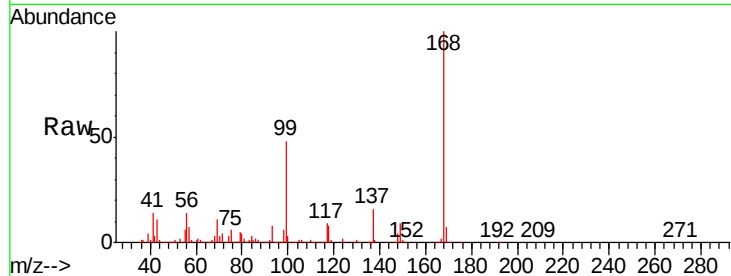
AOC2-06A

Tgt Ion: 168 Resp: 623946

Ion Ratio Lower Upper

168 100

99 48.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

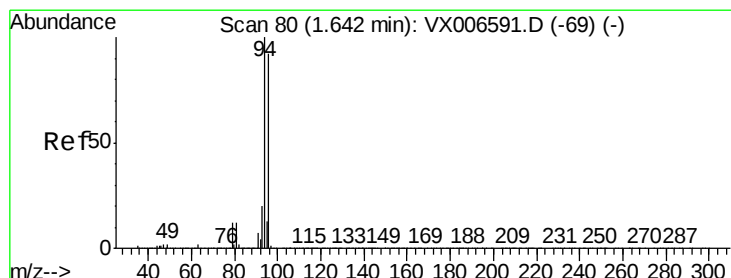
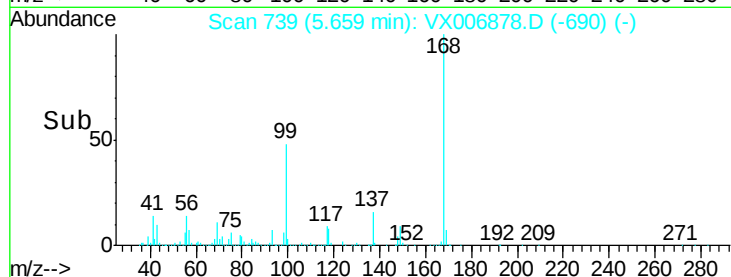
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006878.D

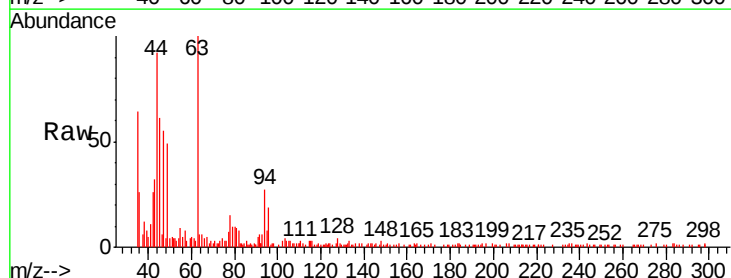
Acq: 02 Jan 2019 13:38

Tgt Ion: 94 Resp: 2615

Ion Ratio Lower Upper

94 100

96 74.9 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

2500

2000

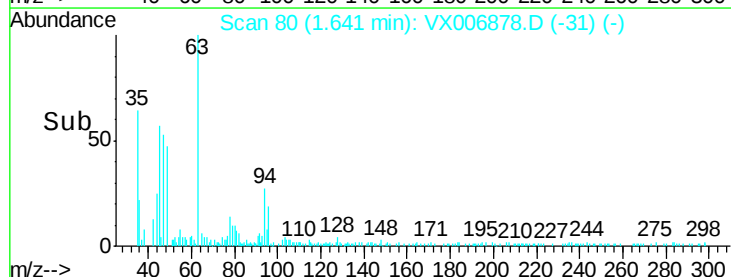
1500

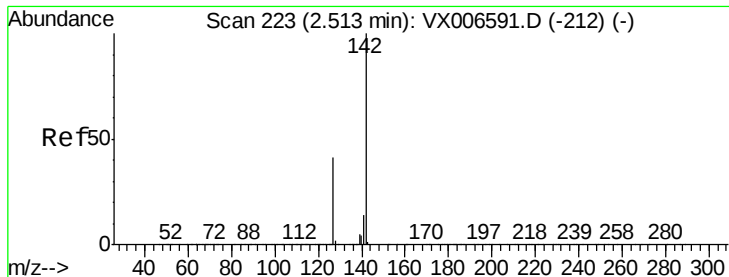
1000

500

0

Time-->





#10

Methyl Iodide

Concen: 0.336 ug/l

RT: 2.48 min Scan# 218

Delta R.T. -0.03 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06A

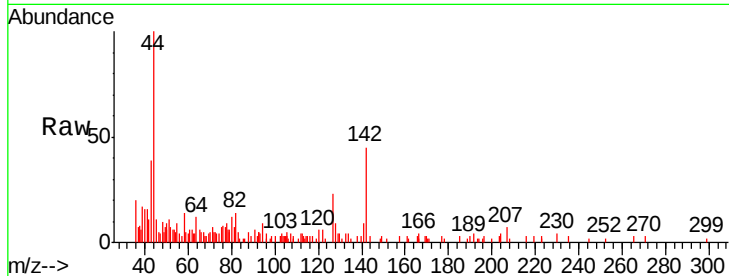
Tgt Ion:142 Resp: 2824

Ion Ratio Lower Upper

142 100

127 55.2 33.9 50.9#

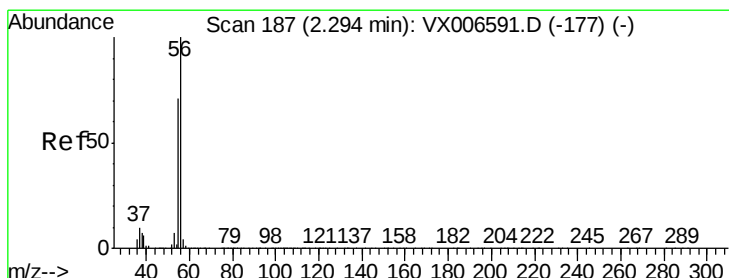
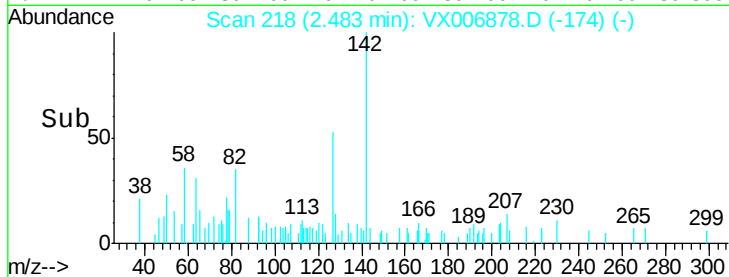
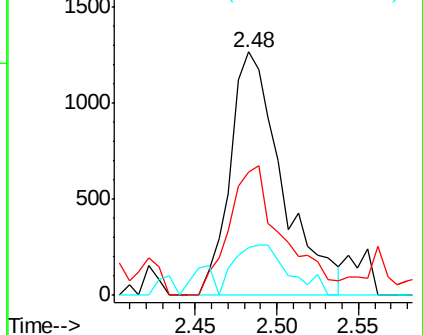
141 21.7 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#13

Acrolein

Concen: 13.739 ug/l

RT: 2.35 min Scan# 196

Delta R.T. 0.05 min

Lab File: VX006878.D

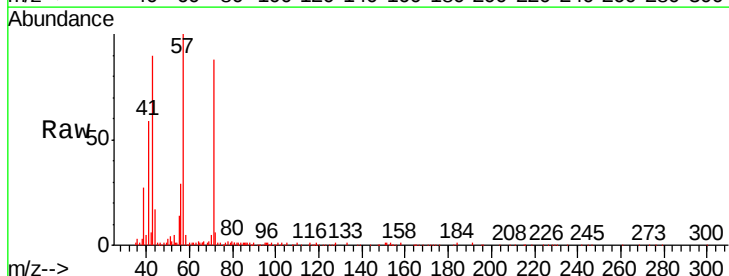
Acq: 02 Jan 2019 13:38

Tgt Ion: 56 Resp: 13910

Ion Ratio Lower Upper

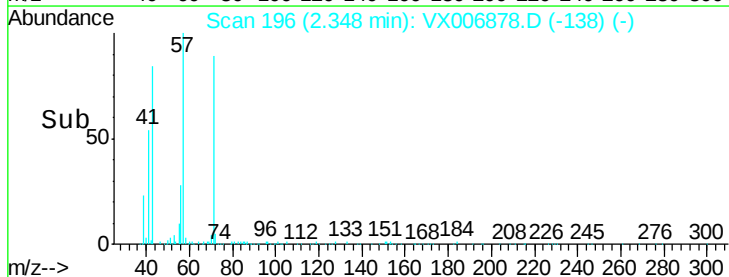
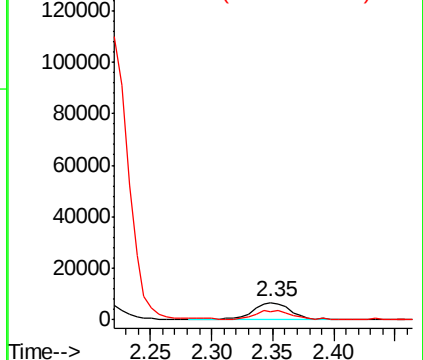
56 100

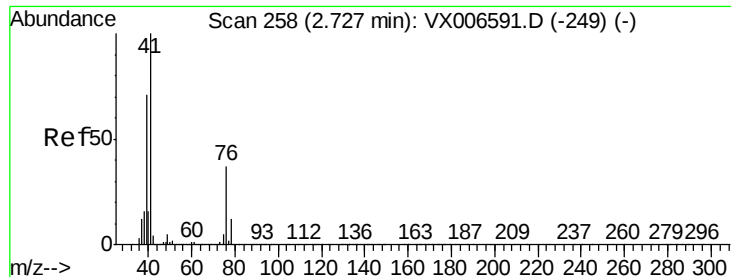
55 48.9 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#14

Allyl chloride

Concen: 3.176 ug/l

RT: 2.74 min Scan# 260

Delta R.T. 0.01 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

Instrument :

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AOC2-06A

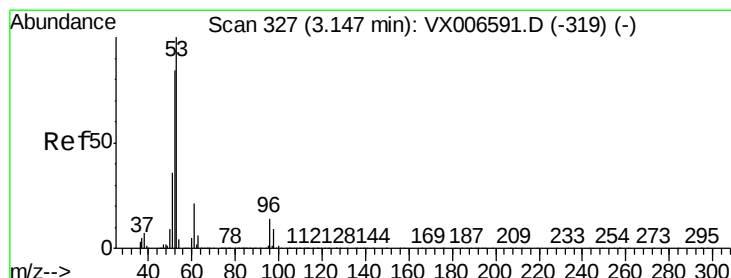
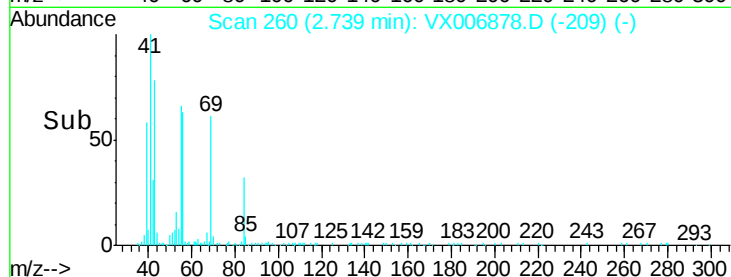
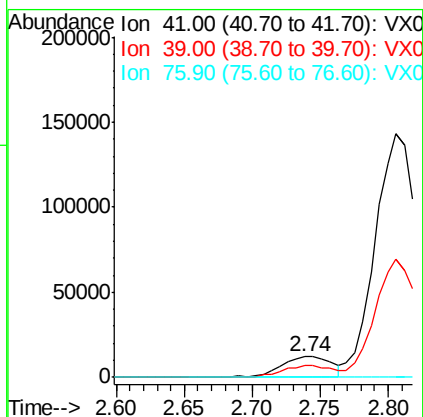
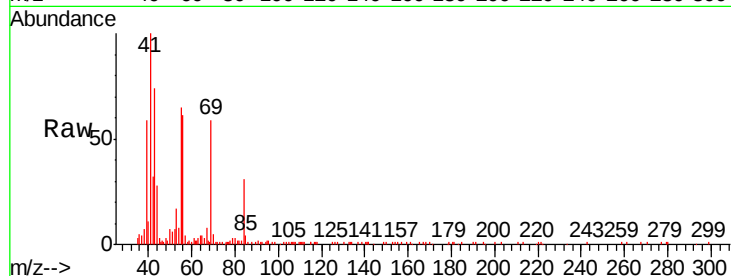
Tgt Ion: 41 Resp: 29799

Ion Ratio Lower Upper

41 100

39 55.8 53.6 80.4

76 0.3 27.4 41.2#



#15

Acrylonitrile

Concen: 10.193 ug/l

RT: 3.13 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

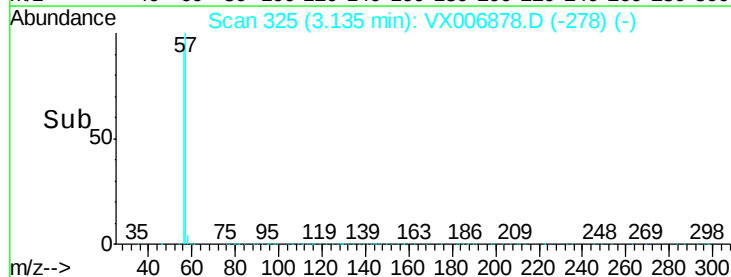
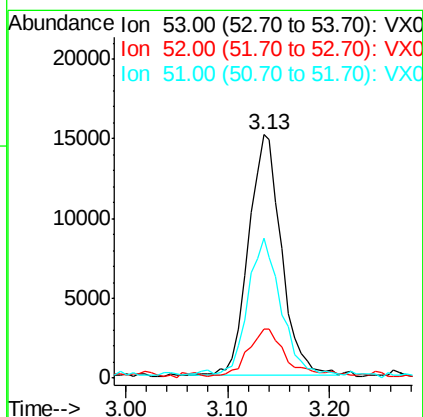
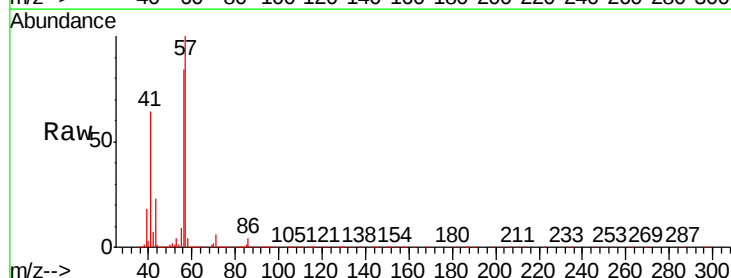
Tgt Ion: 53 Resp: 33966

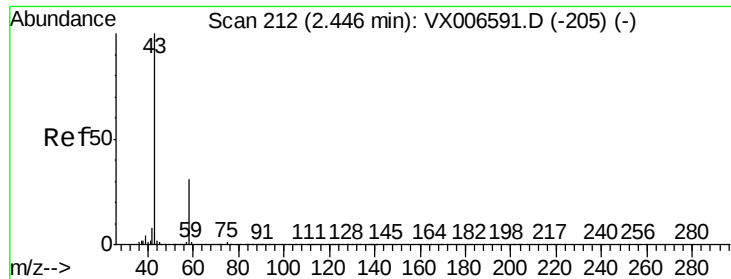
Ion Ratio Lower Upper

53 100

52 21.8 66.0 99.0#

51 58.4 28.6 42.8#





#16

Acetone

Concen: 1.008 ug/l

RT: 2.49 min Scan# 219

Delta R.T. 0.04 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

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ClientSampleId :

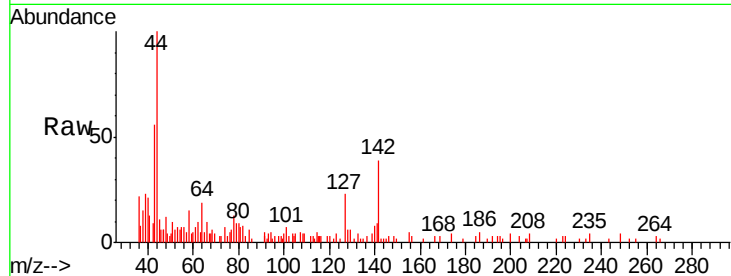
AOC2-06A

Tgt Ion: 43 Resp: 3113

Ion Ratio Lower Upper

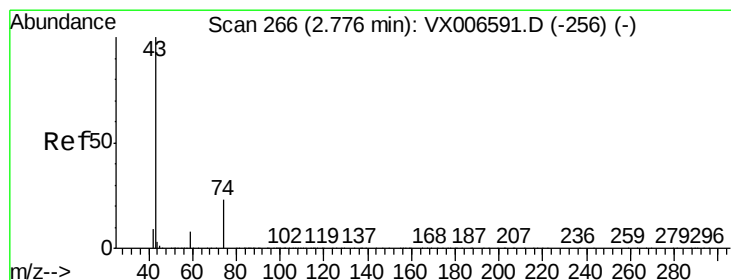
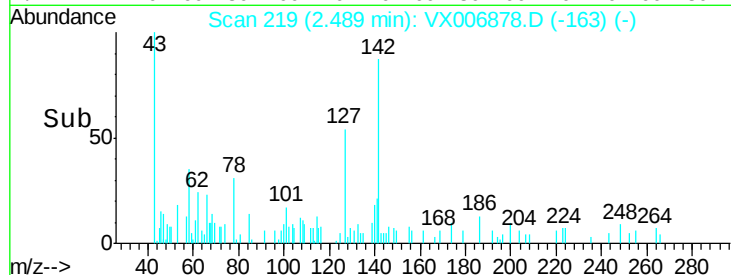
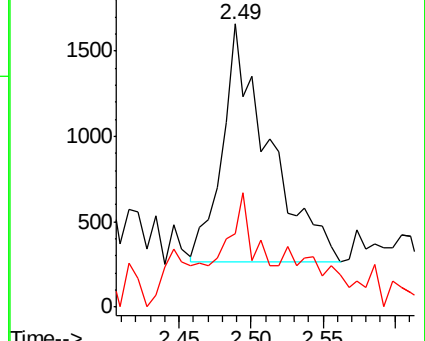
43 100

58 17.3 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 79.066 ug/l

RT: 2.81 min Scan# 271

Delta R.T. 0.03 min

Lab File: VX006878.D

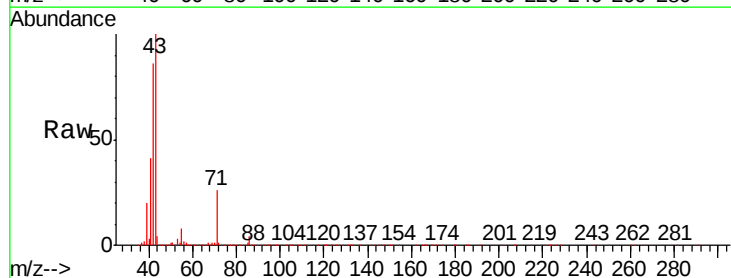
Acq: 02 Jan 2019 13:38

Tgt Ion: 43 Resp: 718283

Ion Ratio Lower Upper

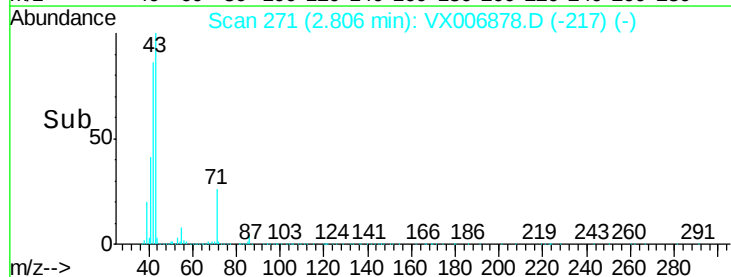
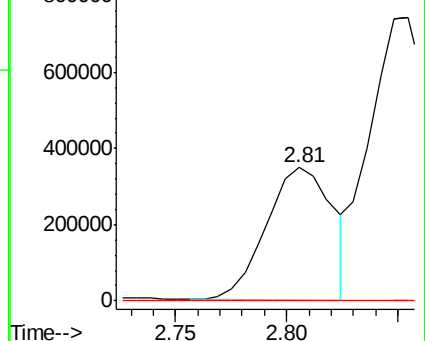
43 100

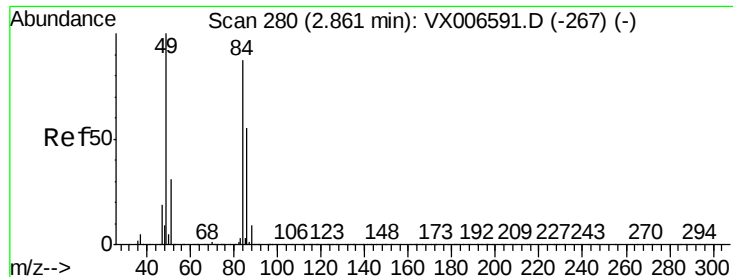
74 0.1 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

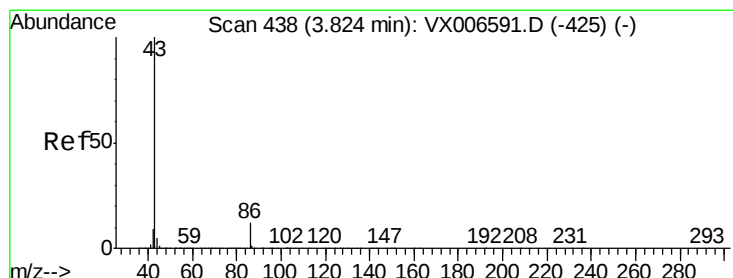
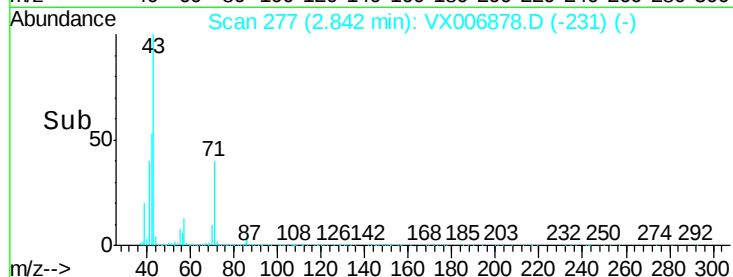
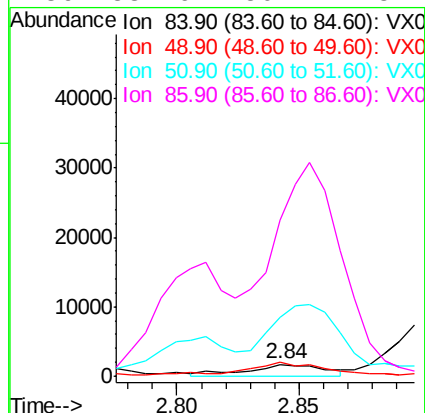
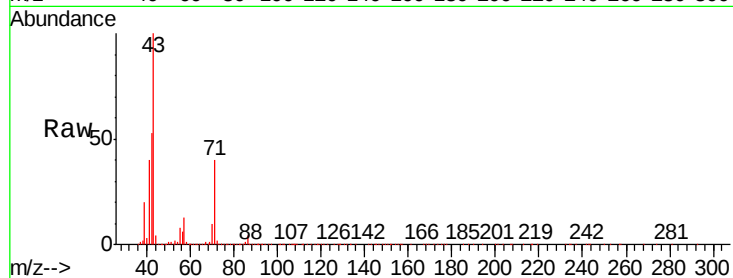




#20
Methylene Chloride
Concen: 0.555 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX006878.D
Acq: 02 Jan 2019 13:38

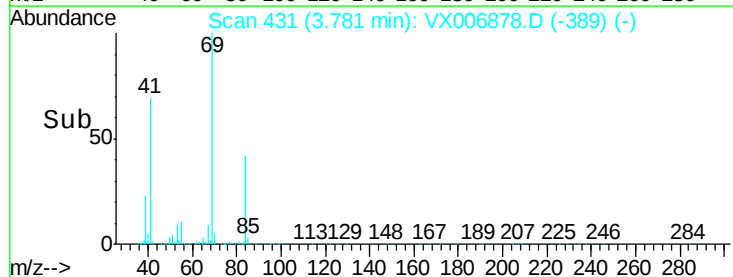
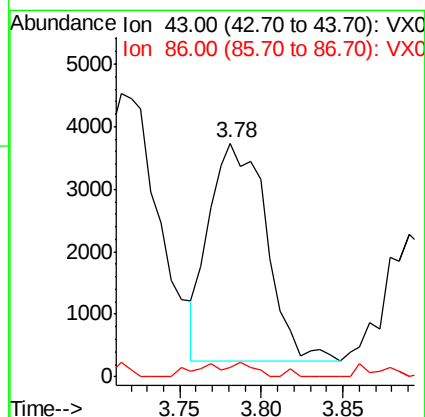
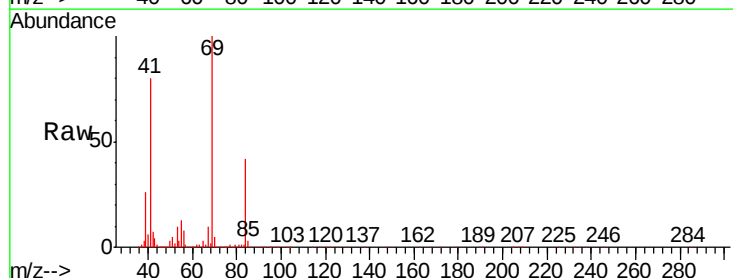
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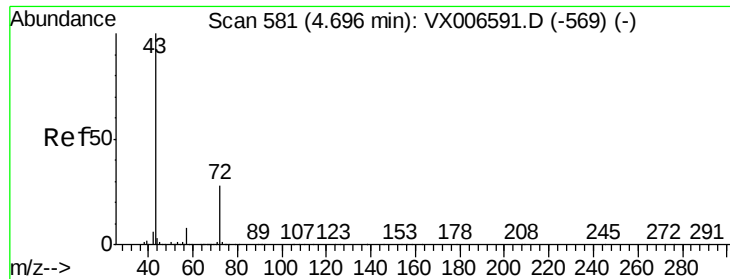
Tgt Ion: 84 Resp: 3545
Ion Ratio Lower Upper
84 100
49 107.4 91.8 137.6
51 248.9 28.5 42.7#
86 532.6 50.2 75.2#



#23
Vinyl Acetate
Concen: 0.608 ug/l
RT: 3.78 min Scan# 431
Delta R.T. -0.04 min
Lab File: VX006878.D
Acq: 02 Jan 2019 13:38

Tgt Ion: 43 Resp: 8540
Ion Ratio Lower Upper
43 100
86 4.2 9.2 13.8#





#25

2-Butanone

Concen: 0.257 ug/l

RT: 4.74 min Scan# 588

Delta R.T. 0.04 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

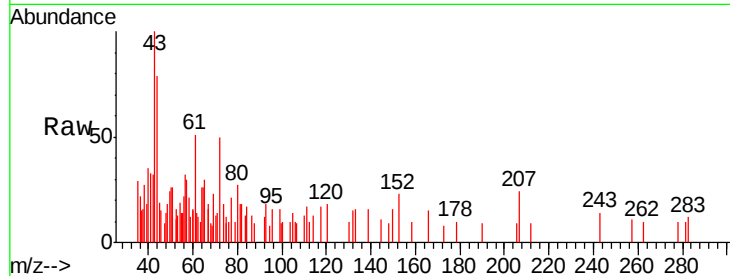
AOC2-06A

Tgt Ion: 43 Resp: 1115

Ion Ratio Lower Upper

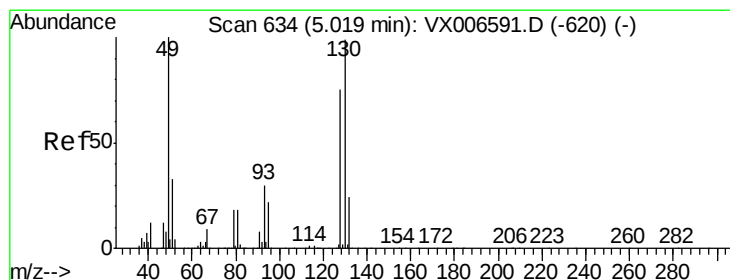
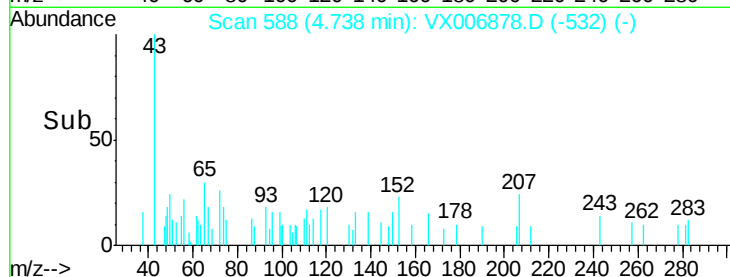
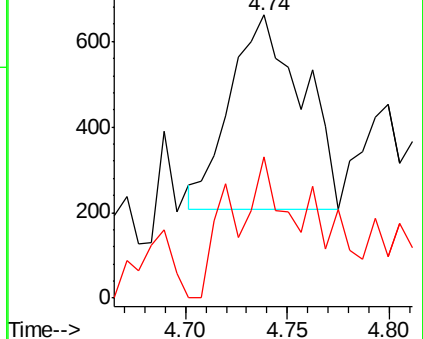
43 100

72 72.7 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

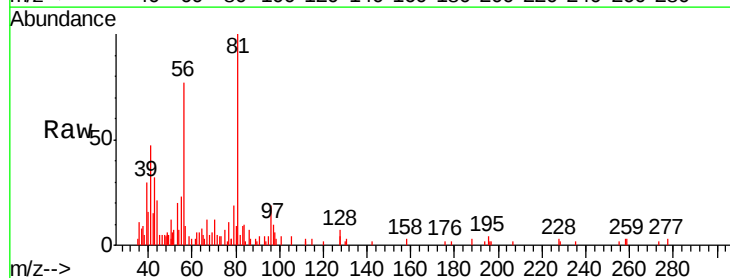
Tgt Ion: 49 Resp: 275

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

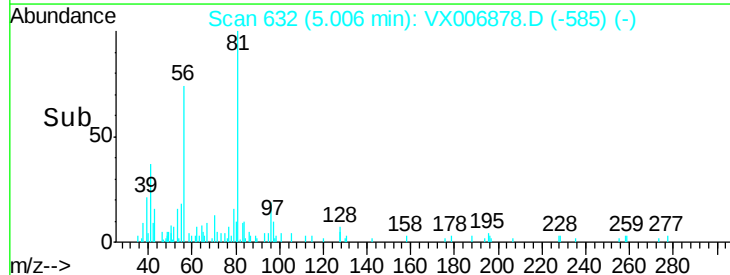
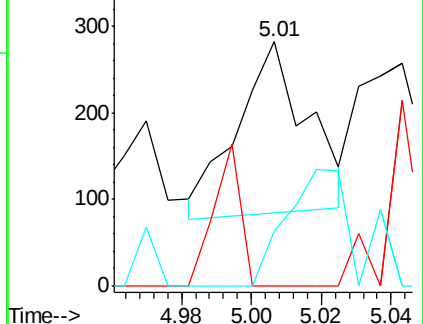
130 68.0 77.7 116.5#

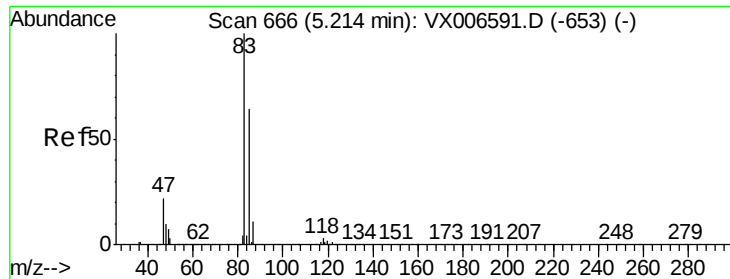


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#30

Chloroform

Concen: 4.425 ug/l

RT: 5.26 min Scan# 673

Delta R.T. 0.04 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

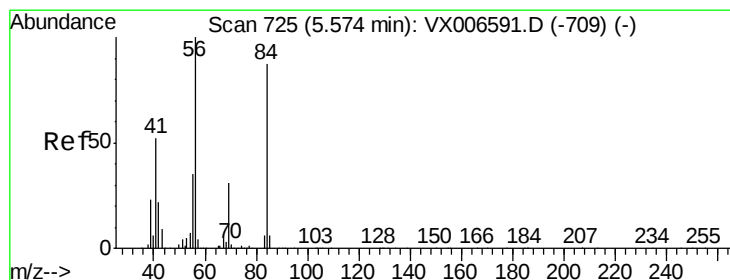
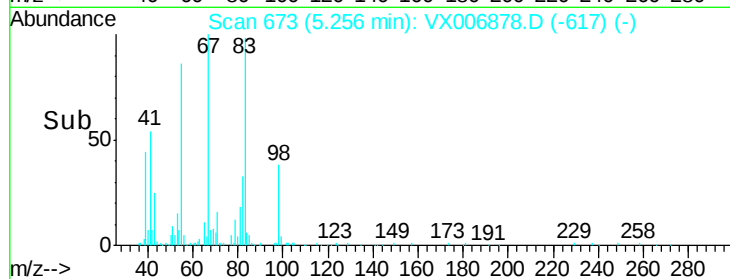
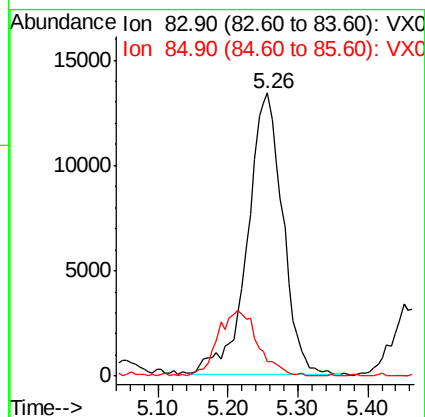
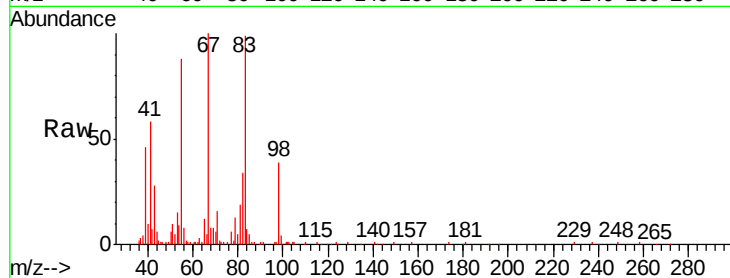
AOC2-06A

Tgt Ion: 83 Resp: 46957

Ion Ratio Lower Upper

83 100

85 5.1 51.2 76.8#



#31

Cyclohexane

Concen: 36.107 ug/l

RT: 5.59 min Scan# 728

Delta R.T. 0.02 min

Lab File: VX006878.D

Acq: 02 Jan 2019 13:38

Tgt Ion: 56 Resp: 336154

Ion Ratio Lower Upper

56 100

69 0.0 24.4 36.6#

84 39.3 70.0 105.0#

