

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070119\
 Data File : VN056568.D
 Acq On : 1 Jul 2019 13:37
 Operator : JC/SP
 Sample : K3158-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-062819

Quant Time: Jul 02 01:07:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	310135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	549792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	187900	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
35) Dibromofluoromethane	7.59	113	165258	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	10.09	98	697954	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.40	95	219608	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

					Qvalue	
16) Acetone	3.82	43	16642	9.664	ug/l	98
18) Methyl Acetate	4.33	43	2127	Below Cal	#	57
20) Methylene Chloride	4.55	84	119499	36.570	ug/l	98
25) 2-Butanone	6.86	43	1283	0.563	ug/l #	49
30) Chloroform	7.37	83	4804	0.886	ug/l	84
31) Cyclohexane	7.67	56	5313	1.001	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20257	4.186	ug/l #	49
38) Carbon Tetrachloride	7.66	117	27721	6.551	ug/l #	16
41) Methacrylonitrile	7.23	41	555	0.264	ug/l #	12
43) Isopropyl Acetate	8.17	43	18748	2.557	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	1500	0.377	ug/l #	43
48) Methyl methacrylate	9.18	41	10687	2.908	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	5700	1.204	ug/l	90
54) cis-1,3-Dichloropropene	9.90	75	47931	9.011	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	8987	1.462	ug/l #	42
59) 2-Hexanone	10.76	43	130295	37.456	ug/l #	53
60) Dibromochloromethane	10.90	129	138	2.417	ug/l #	10
71) Bromoform	12.40	173	1702	3.665	ug/l #	1
73) Isopropylbenzene	12.25	105	879	Below Cal	#	63
74) N-amyl acetate	12.07	43	1033	0.208	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.51	83	31	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	103929	32.058	ug/l #	100
79) 2-Chlorotoluene	12.78	91	1042	Below Cal		96
80) 1,3,5-Trimethylbenzene	12.73	105	2543	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	103929	113.938	ug/l #	8
83) tert-Butylbenzene	13.00	119	823	Below Cal	#	77
88) 1,4-Dichlorobenzene	13.28	146	1036	0.202	ug/l	85
89) n-Butylbenzene	13.61	91	2427	0.297	ug/l	88
93) 1,2,4-Trichlorobenzene	14.91	180	1019	5.945	ug/l	86
94) Hexachlorobutadiene	15.00	225	410	Below Cal		85
95) Naphthalene	15.13	128	4755	5.840	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.31	180	1408	4.933	ug/l	79

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

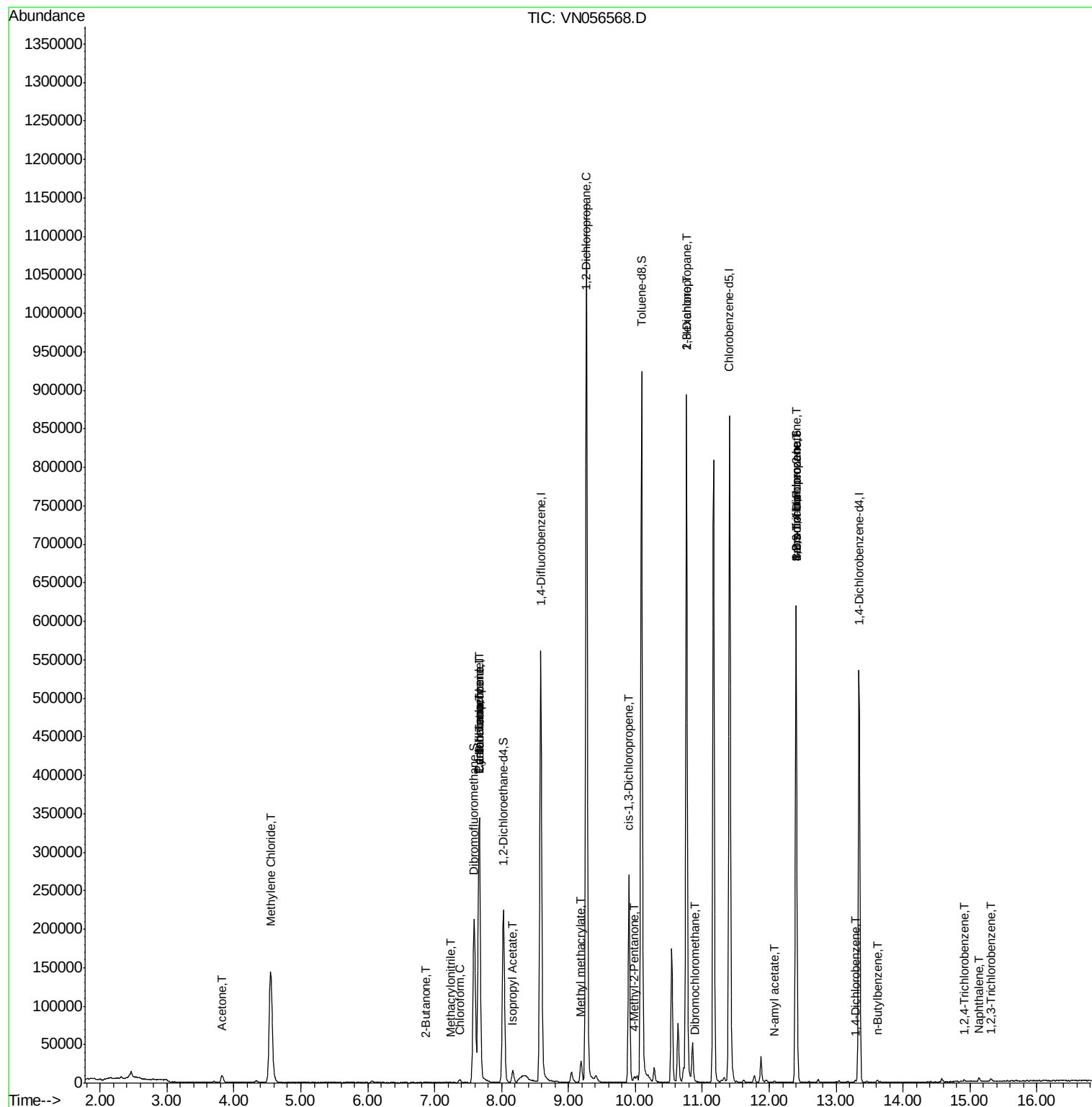
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

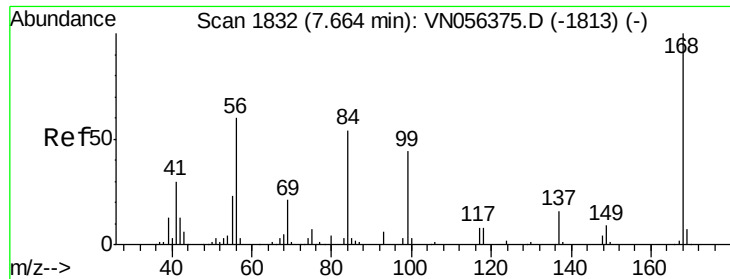
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

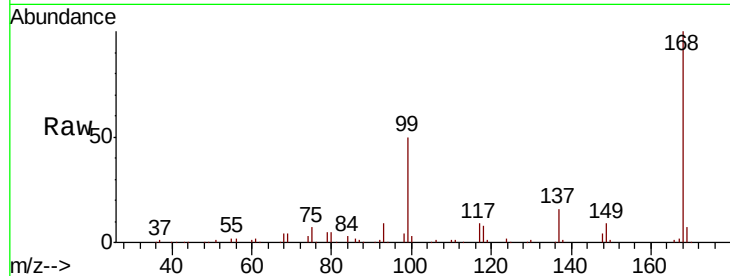
OK-01-062819

Tot Ion:168 Resp: 310135

Ion Ratio Lower Upper

168 100

99 50.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

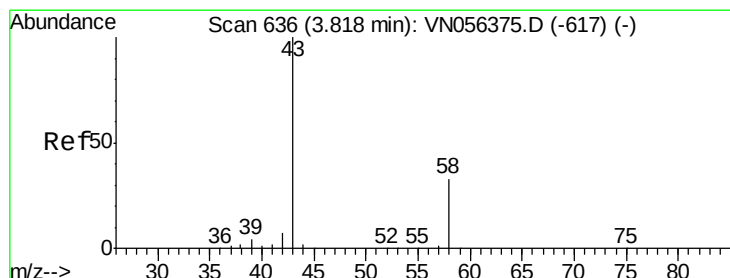
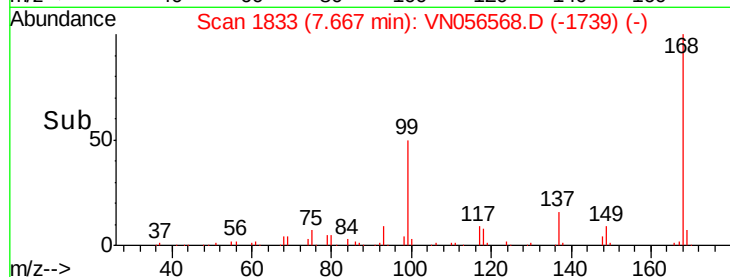
100000

50000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 9.664 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056568.D

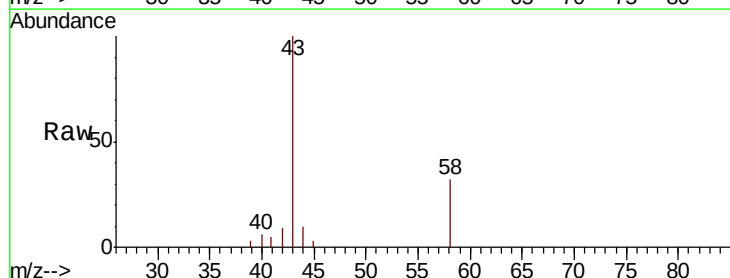
Acq: 1 Jul 2019 13:37

Tgt Ion: 43 Resp: 16642

Ion Ratio Lower Upper

43 100

58 31.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

6000

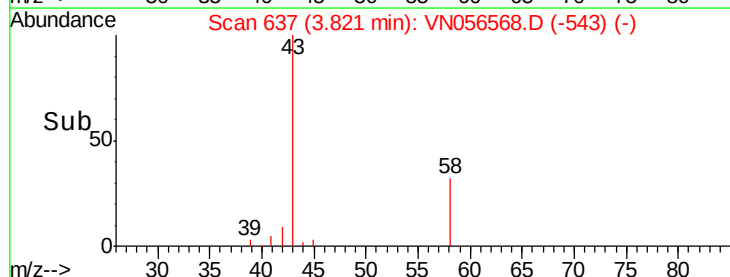
4000

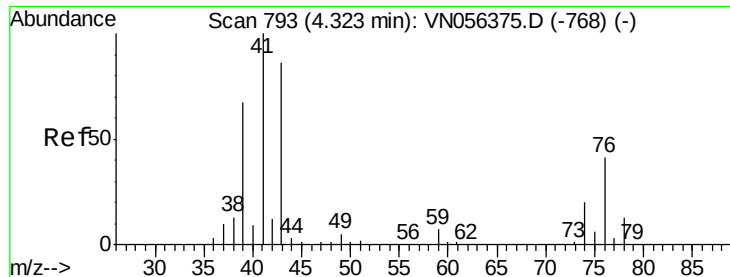
2000

0

Time-->

3.80 3.90

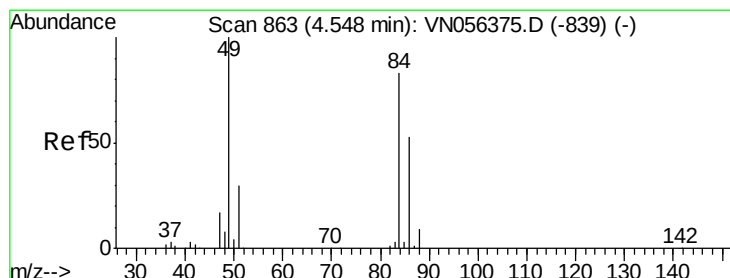
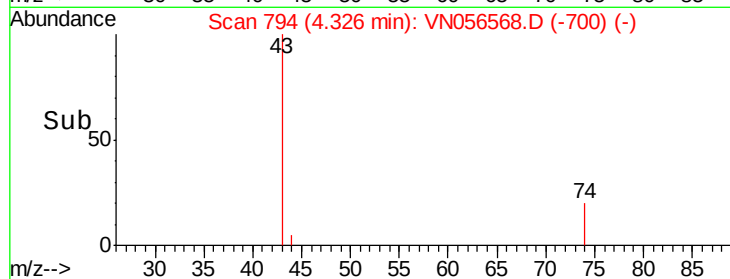
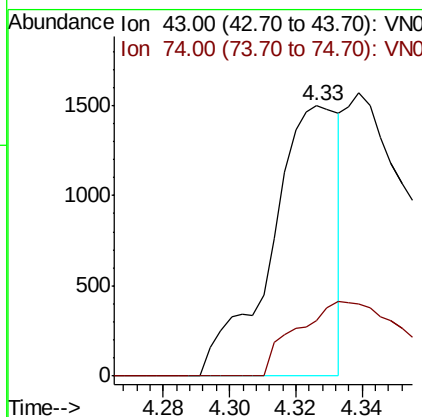
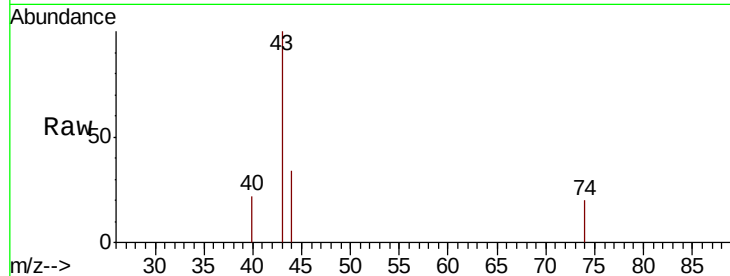




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

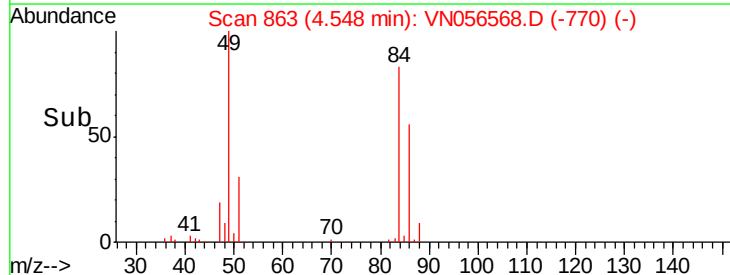
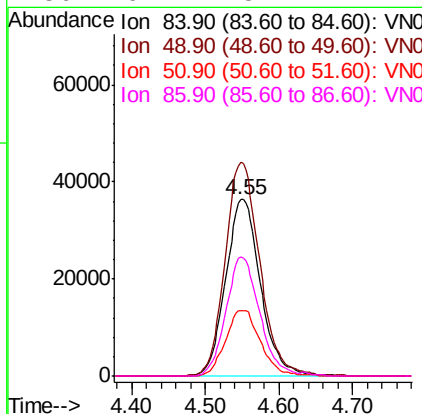
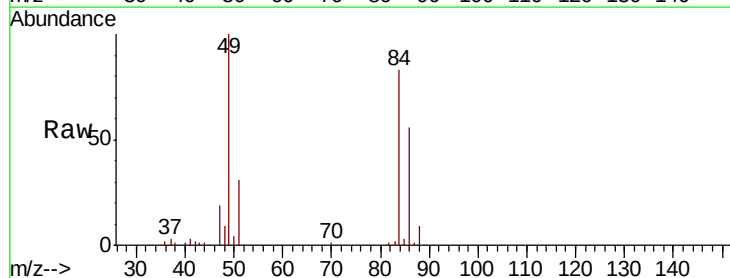
Instrument :
MSVOA_N
ClientSampleId :
OK-01-062819

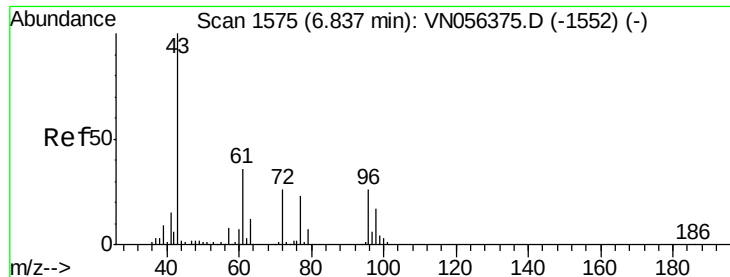
Tot Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
74 45.4 19.2 28.8#



#20
Methylene Chloride
Concen: 36.570 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

Tgt Ion: 84 Resp: 119499
Ion Ratio Lower Upper
84 100
49 120.8 96.4 144.6
51 37.0 28.6 43.0
86 67.7 51.4 77.2





#25

2-Butanone

Concen: 0.563 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.02 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampled :

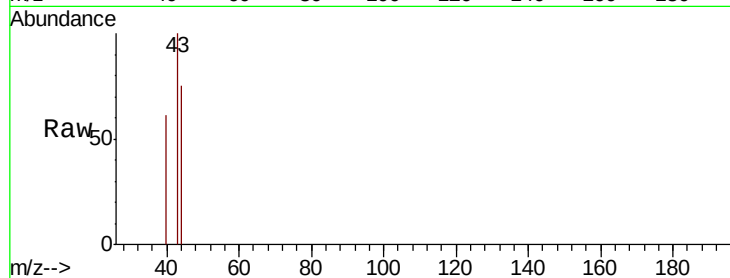
OK-01-062819

Tot Ion: 43 Resp: 1283

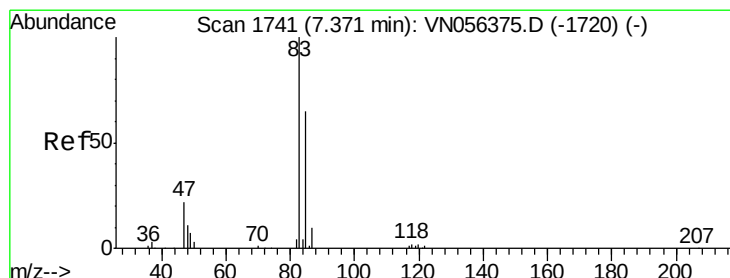
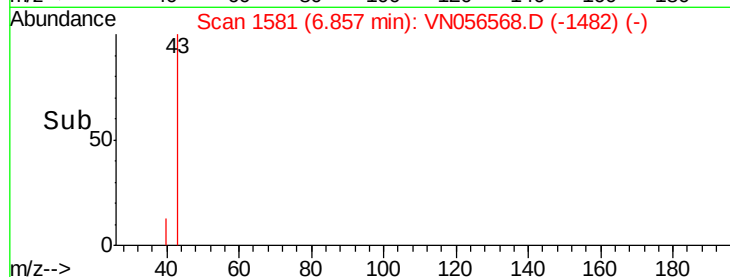
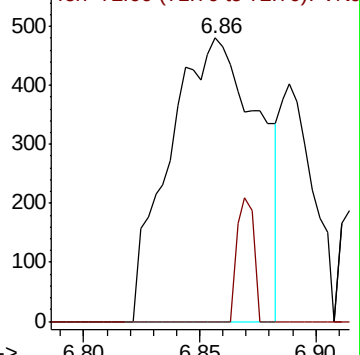
Ion Ratio Lower Upper

43 100

72 0.0 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1552) (-)



#30

Chloroform

Concen: 0.886 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN056568.D

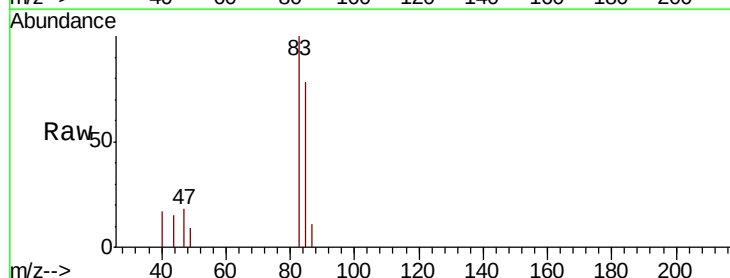
Acq: 1 Jul 2019 13:37

Tgt Ion: 83 Resp: 4804

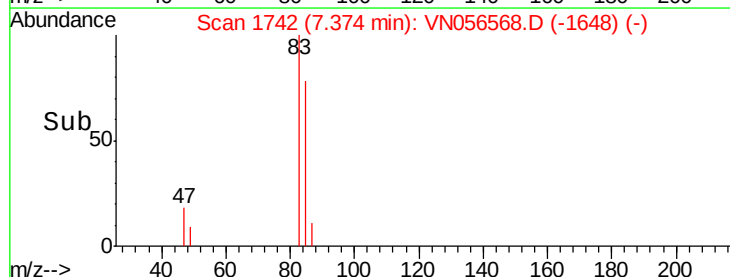
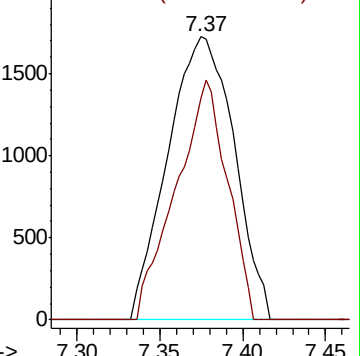
Ion Ratio Lower Upper

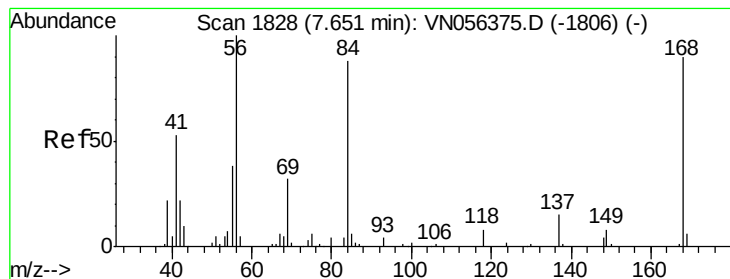
83 100

85 78.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-1720) (-)





#31

Cyclohexane

Concen: 1.001 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

OK-01-062819

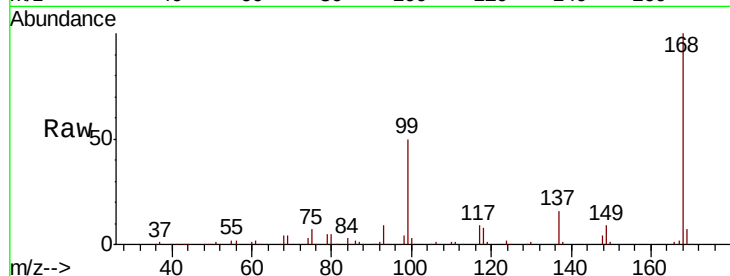
Tot Ion: 56 Resp: 5313

Ion Ratio Lower Upper

56 100

69 192.0 25.8 38.6#

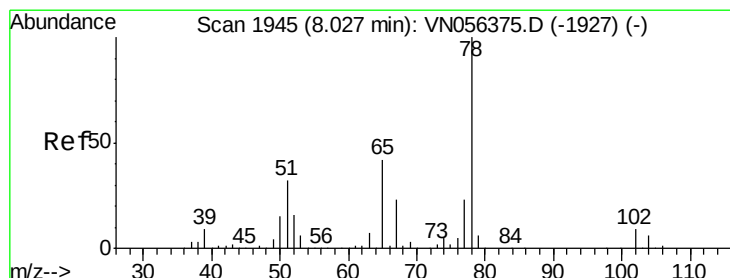
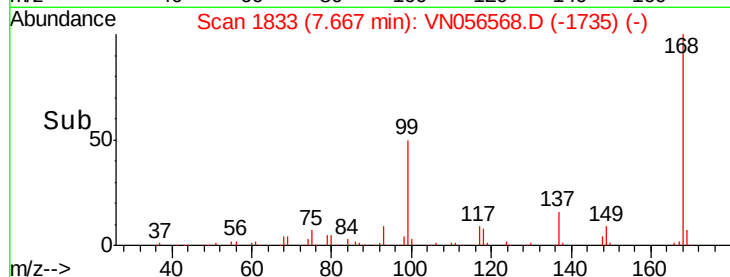
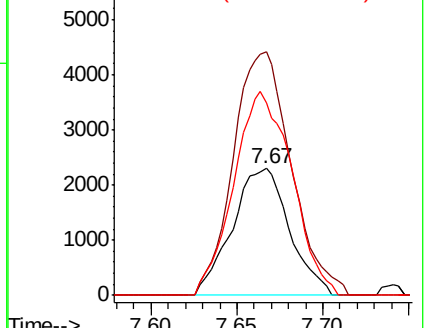
84 152.2 69.4 104.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.666 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056568.D

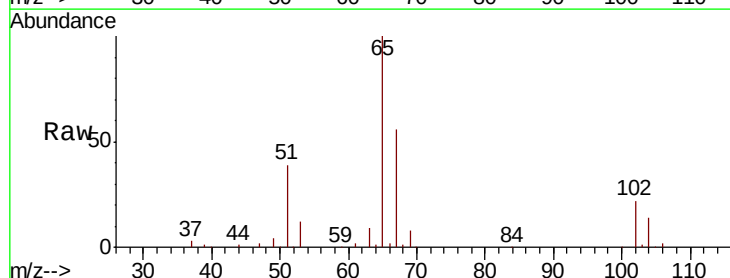
Acq: 1 Jul 2019 13:37

Tgt Ion: 65 Resp: 187900

Ion Ratio Lower Upper

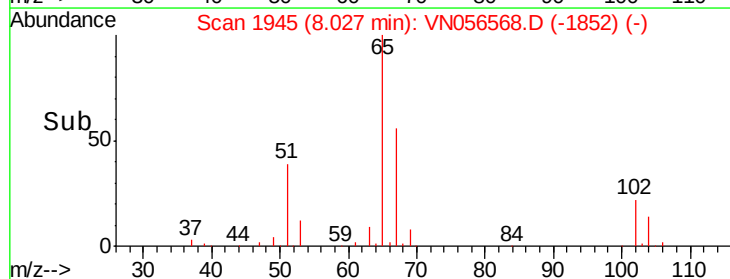
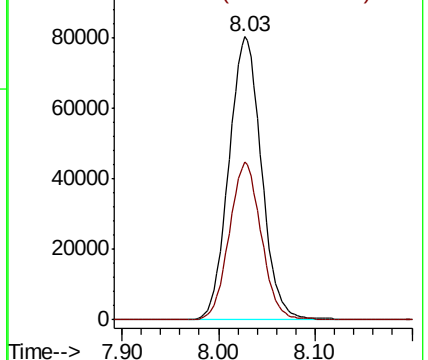
65 100

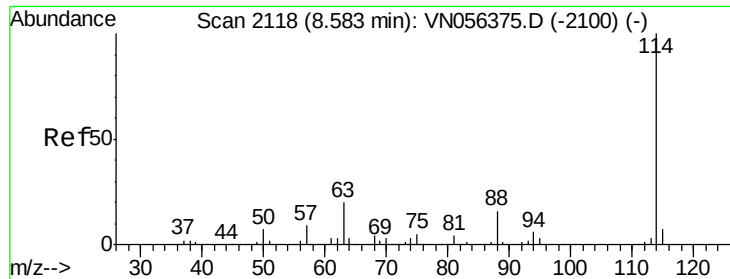
67 54.6 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

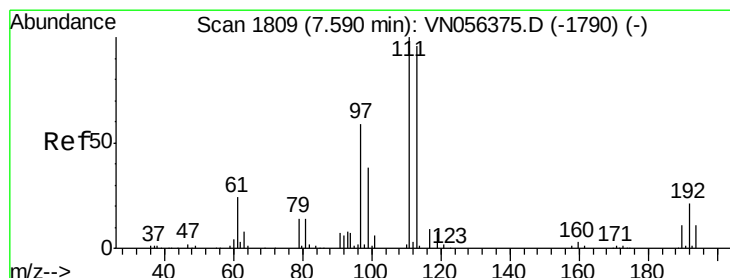
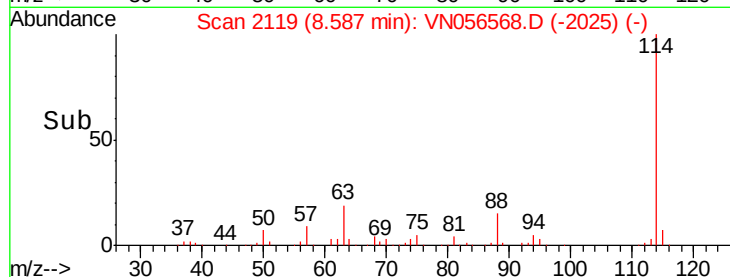
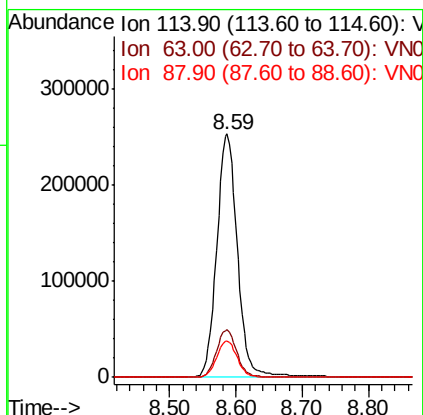
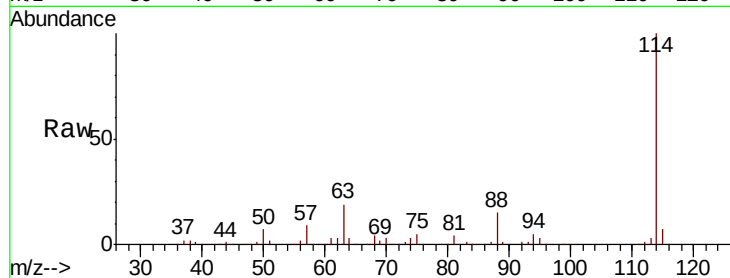




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

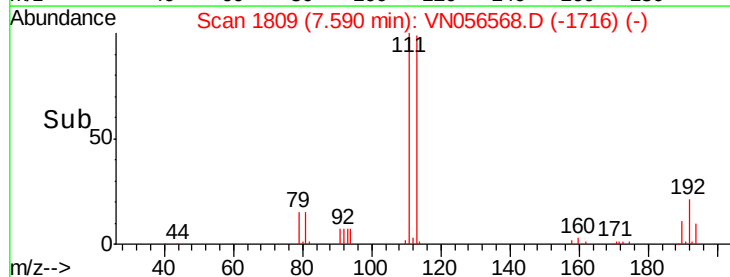
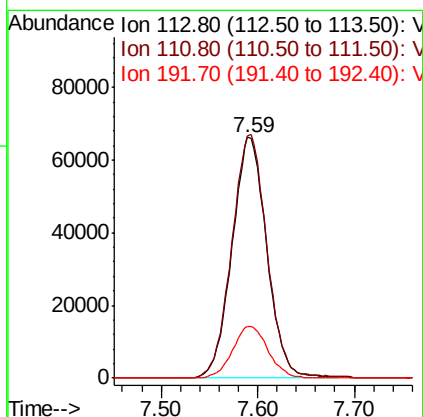
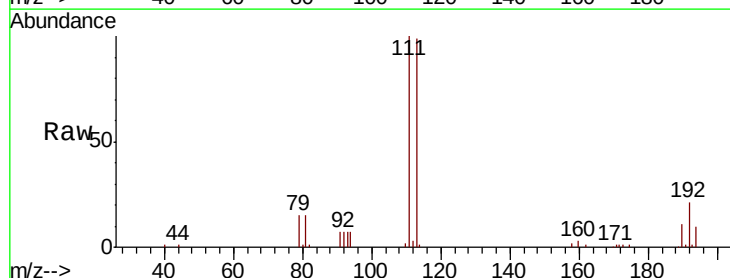
Instrument :
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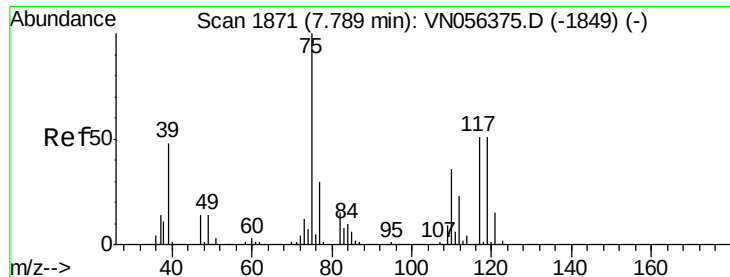
Tot Ion:114 Resp: 549792
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 14.9 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 48.183 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

Tgt Ion:113 Resp: 165258
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 21.9 17.7 26.5

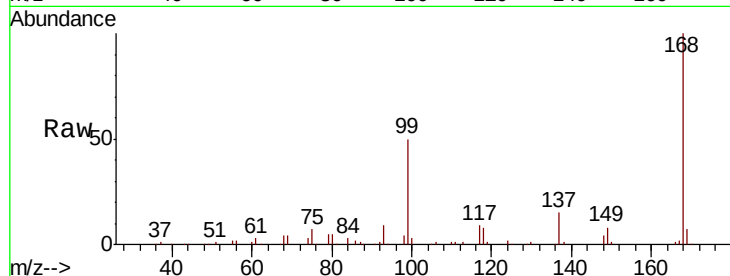




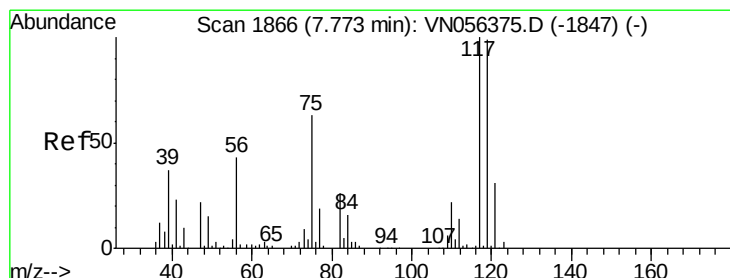
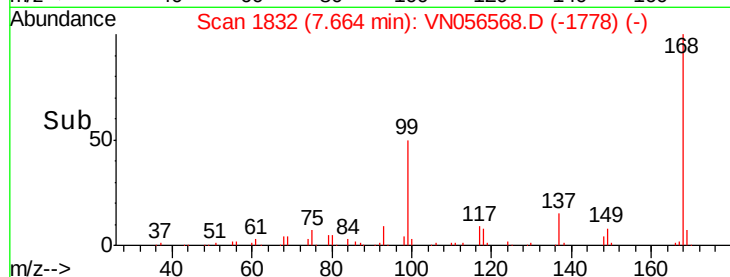
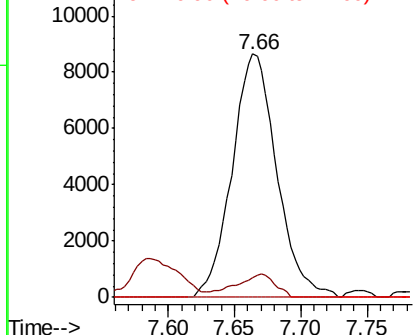
#36
 1,1-Dichloropropene
 Concen: 4.186 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-062819

Tot Ion: 75 Resp: 20257
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.1 54.3#
 77 0.0 24.6 36.8#

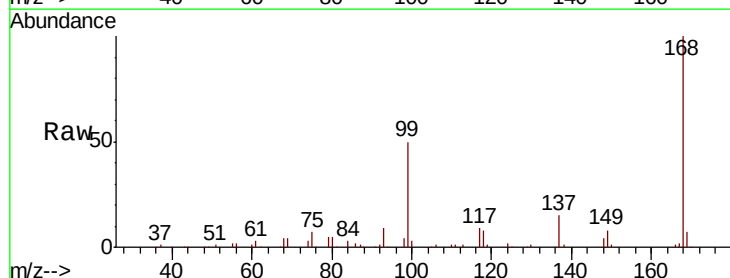


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

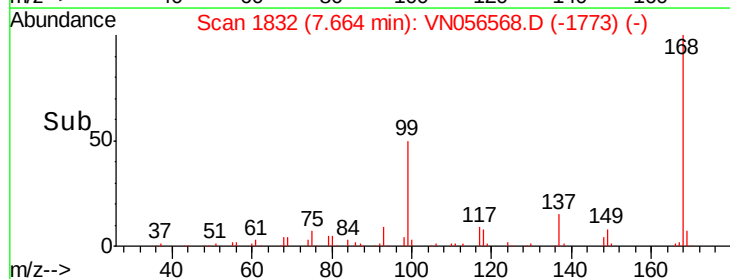
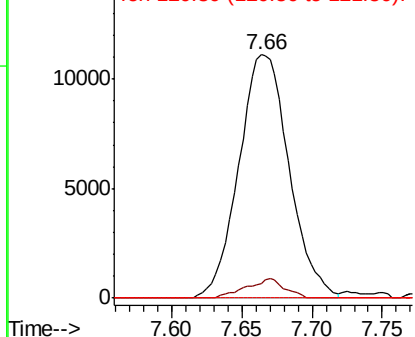


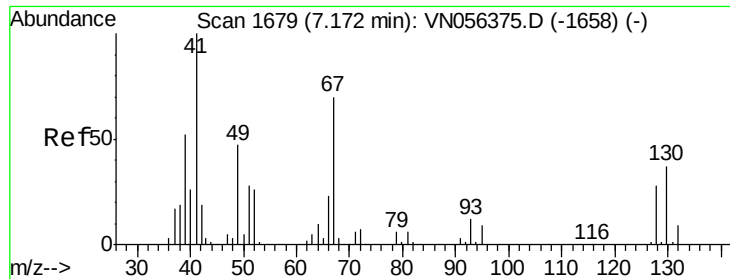
#38
 Carbon Tetrachloride
 Concen: 6.551 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

Tgt Ion: 117 Resp: 27721
 Ion Ratio Lower Upper
 117 100
 119 6.2 79.1 118.7#
 121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

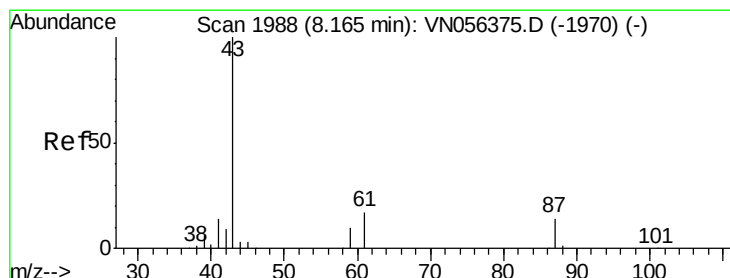
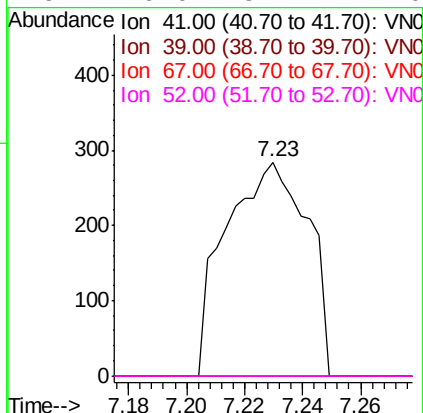
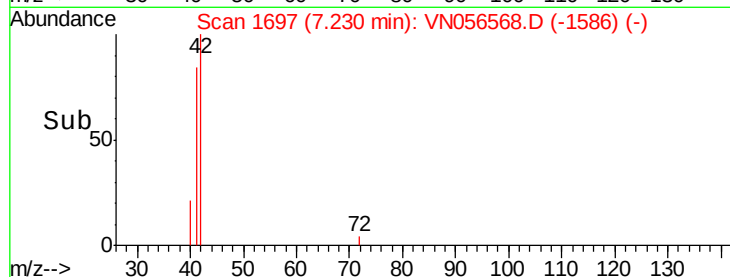
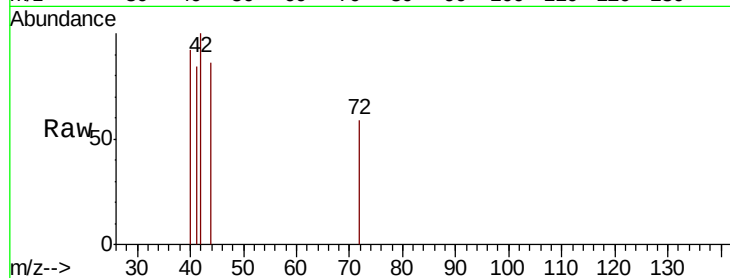




#41
Methacrylonitrile
Concen: 0.264 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.06 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

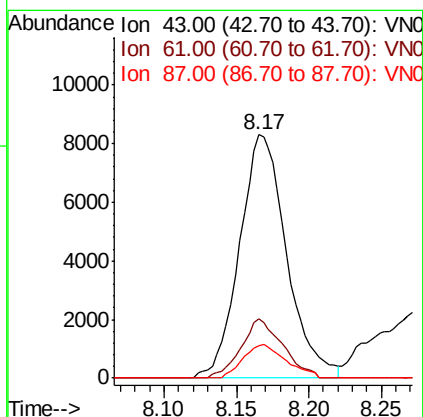
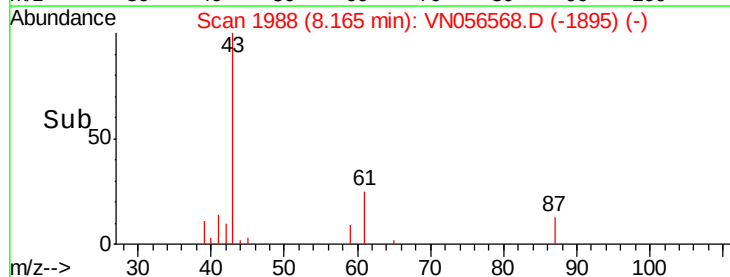
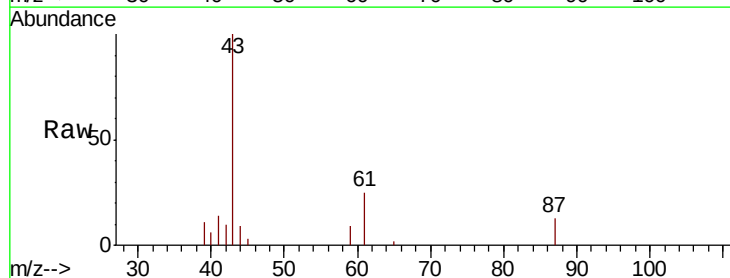
Instrument :
MSVOA_N
ClientSampleId :
OK-01-062819

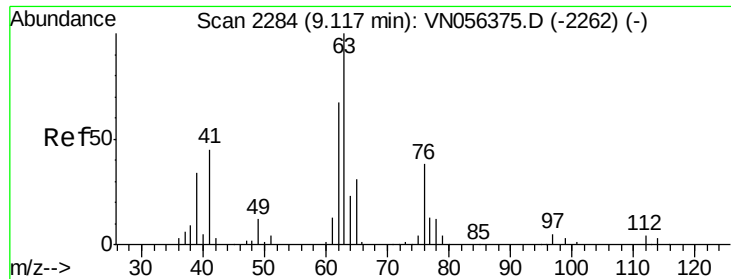
Tot Ion:	41	Resp:	555
Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.3	82.9#
67	0.0	79.2	118.8#
52	0.0	31.4	47.0#



#43
Isopropyl Acetate
Concen: 2.557 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

Tgt Ion:	43	Resp:	18748
Ion	Ratio	Lower	Upper
43	100		
61	21.6	22.0	33.0#
87	12.5	11.0	16.4

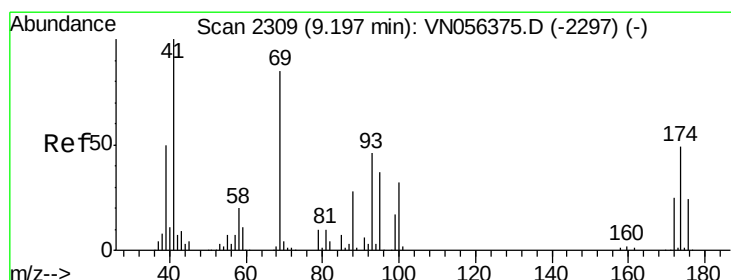
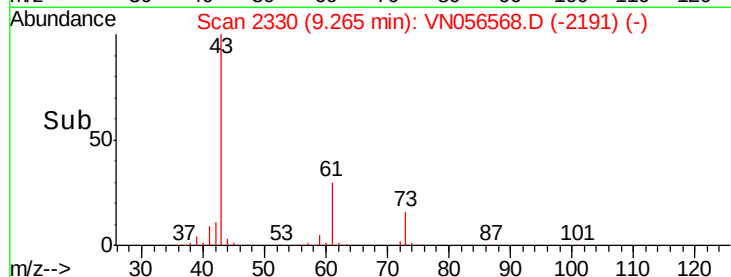
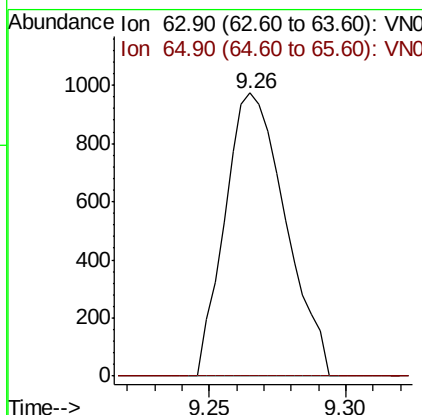
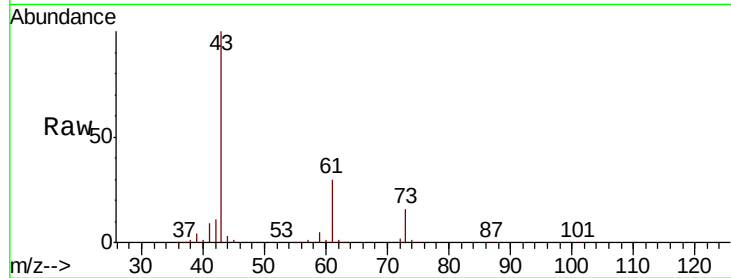




#45
 1,2-Dichloropropane
 Concen: 0.377 ug/l
 RT: 9.26 min Scan# 2330
 Delta R.T. 0.15 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

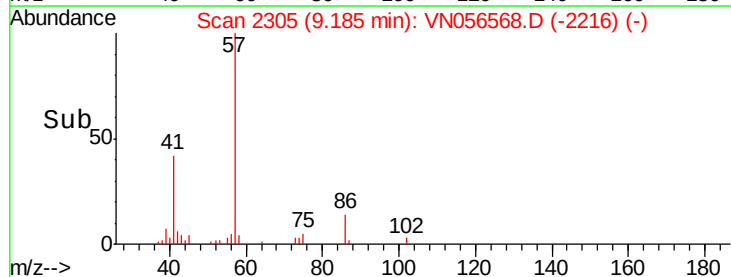
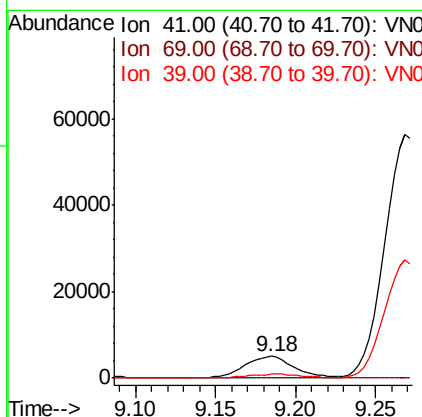
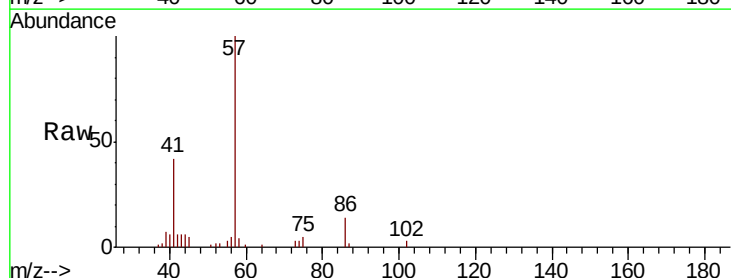
Instrument :
 MSVOA_N
 ClientSampled :
 OK-01-062819

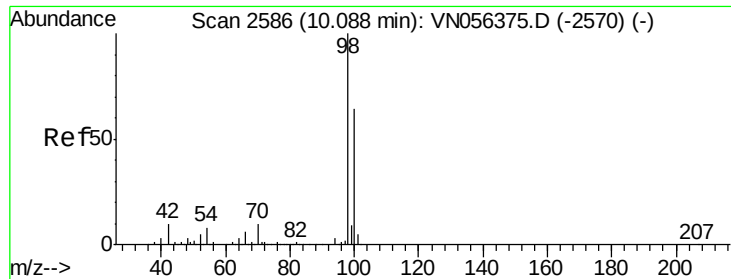
Tot Ion: 63 Resp: 1500
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 2.908 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

Tgt Ion: 41 Resp: 10687
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.6 109.0#
 39 19.2 42.6 63.8#

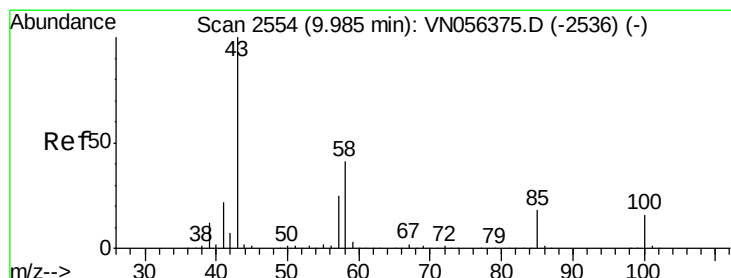
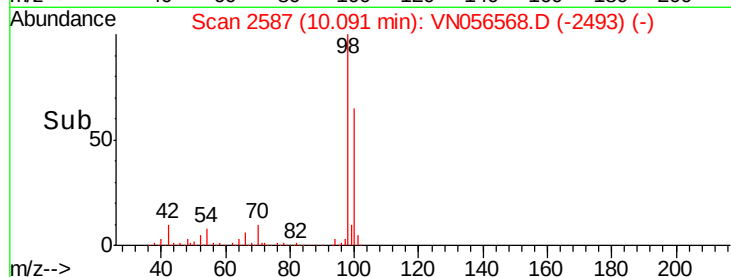
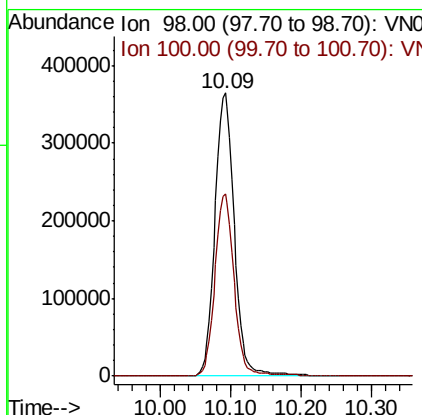
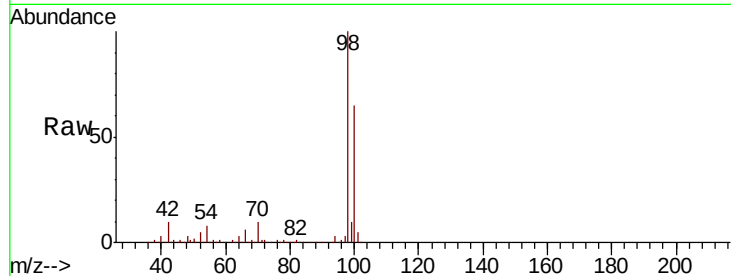




#50
Toluene-d8
Concen: 52.298 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

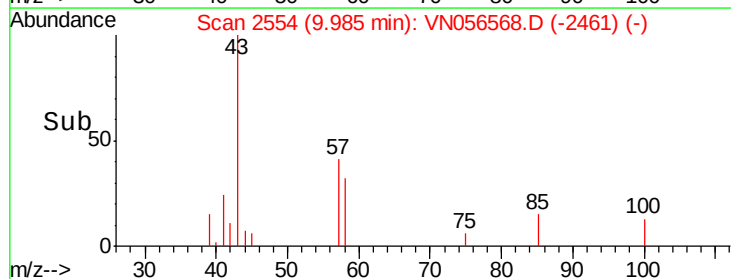
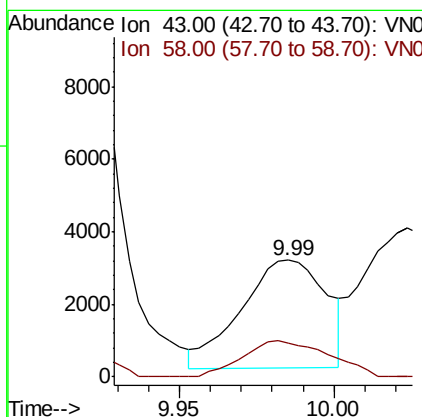
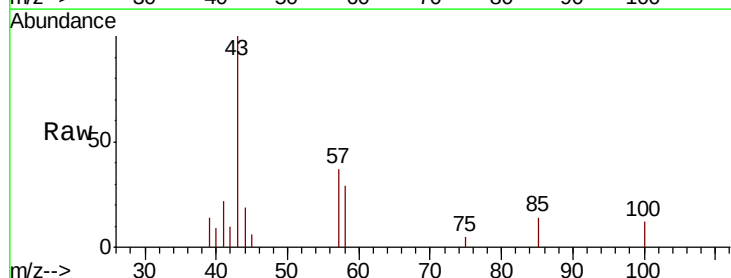
Instrument :
MSVOA_N
ClientSampled :
OK-01-062819

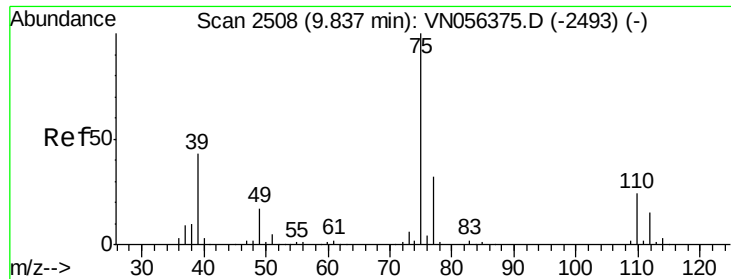
Tot Ion: 98 Resp: 697954
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.204 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

Tgt Ion: 43 Resp: 5700
Ion Ratio Lower Upper
43 100
58 33.8 31.8 47.8





#54

cis-1,3-Dichloropropene

Concen: 9.011 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

OK-01-062819

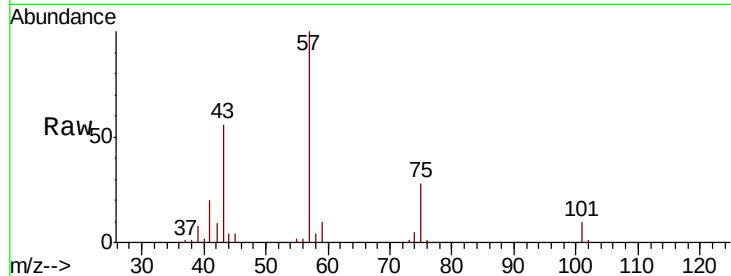
Tot Ion: 75 Resp: 47931

Ion Ratio Lower Upper

75 100

77 0.6 25.2 37.8#

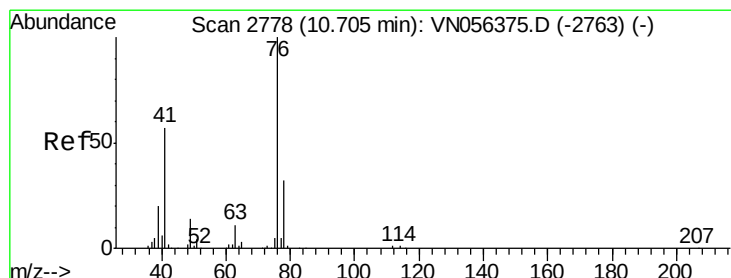
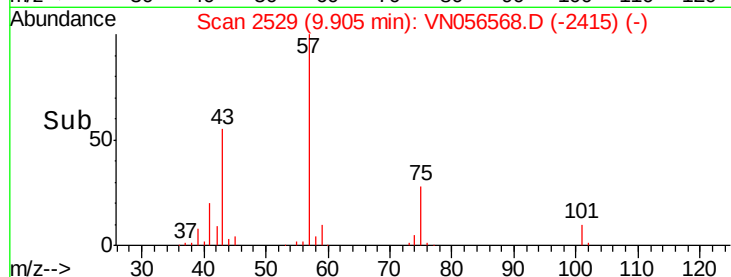
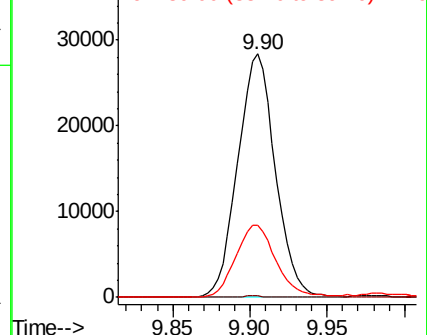
39 29.4 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.462 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056568.D

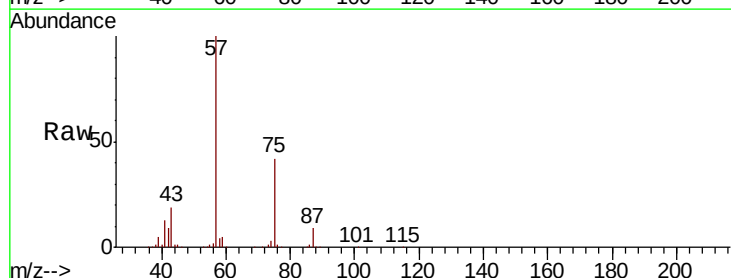
Acq: 1 Jul 2019 13:37

Tgt Ion: 76 Resp: 8987

Ion Ratio Lower Upper

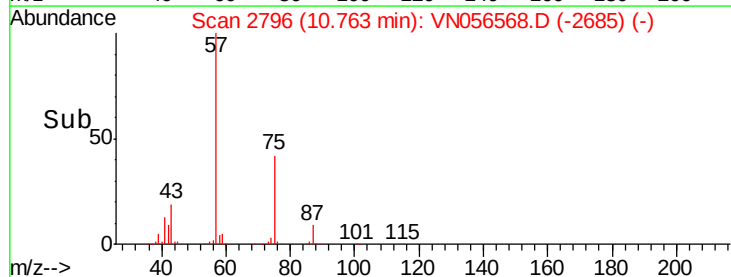
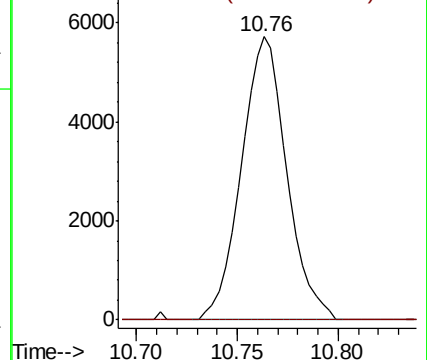
76 100

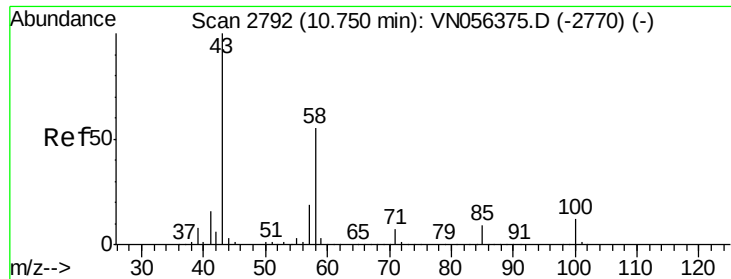
78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

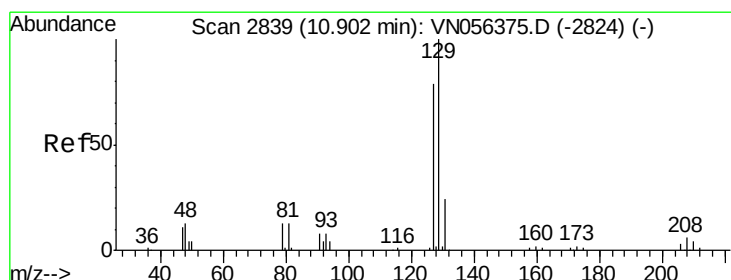
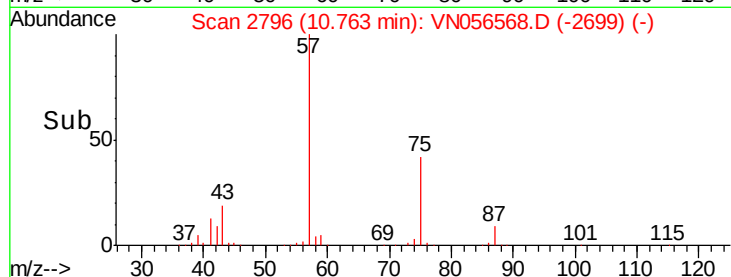
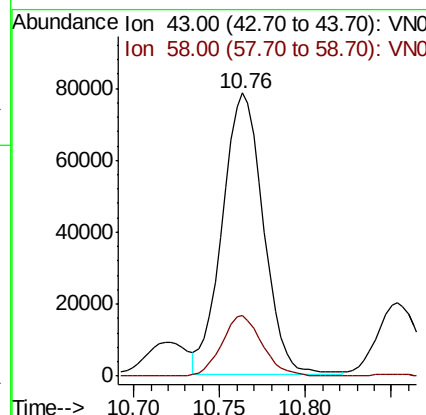
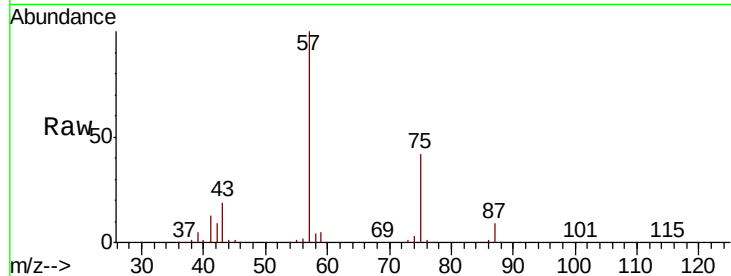




#59
2-Hexanone
Concen: 37.456 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

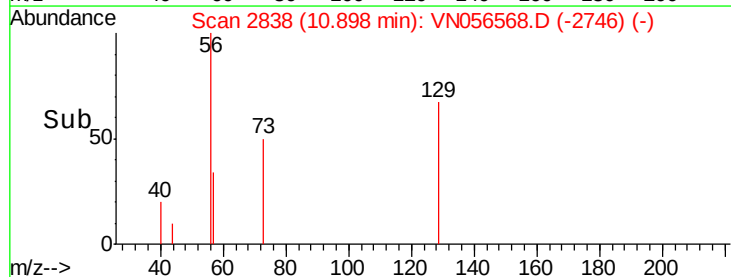
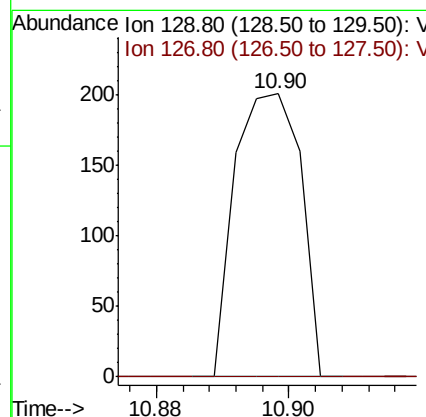
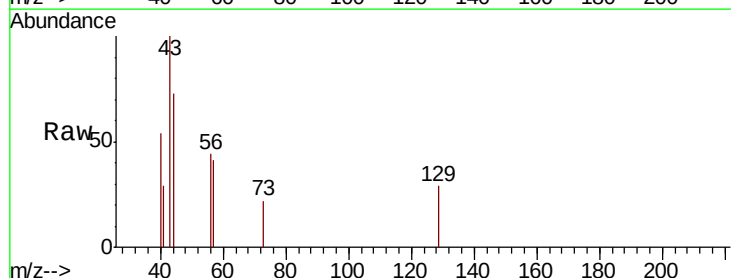
Instrument :
MSVOA_N
ClientSampleId :
OK-01-062819

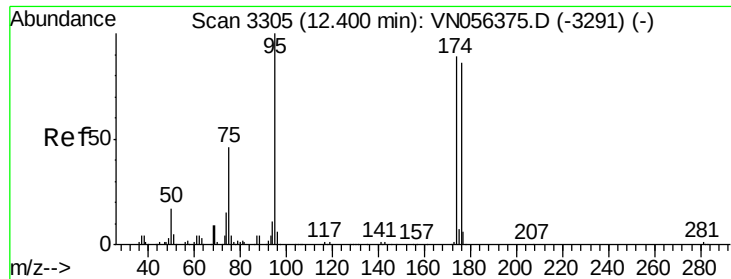
Tot Ion: 43 Resp: 130295
Ion Ratio Lower Upper
43 100
58 21.1 27.8 83.4#



#60
Dibromochloromethane
Concen: 2.417 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

Tgt Ion: 129 Resp: 138
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#

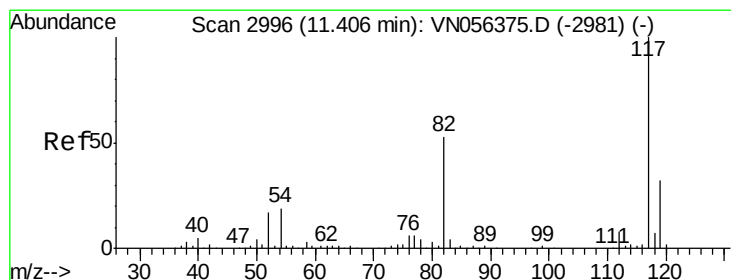
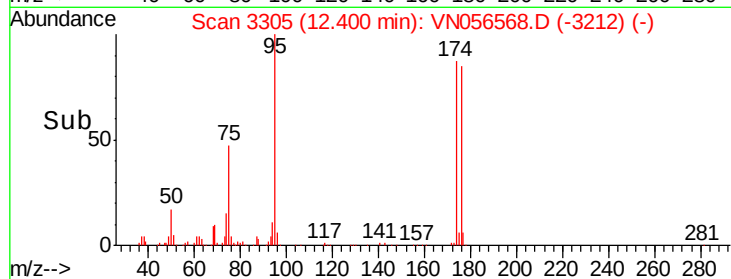
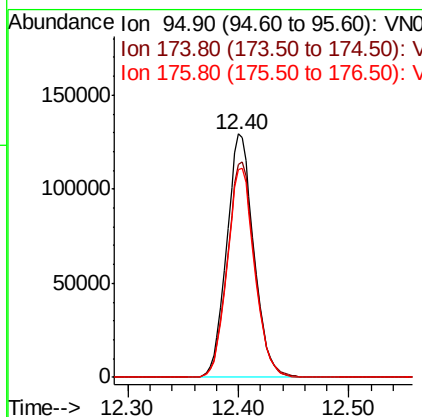
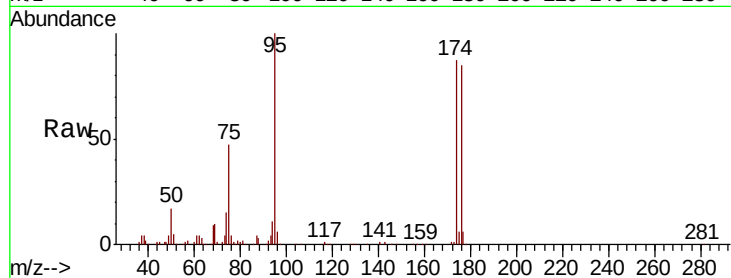




#62
4-Bromofluorobenzene
Concen: 49.363 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

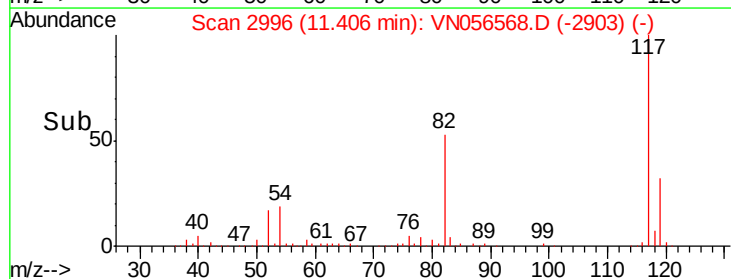
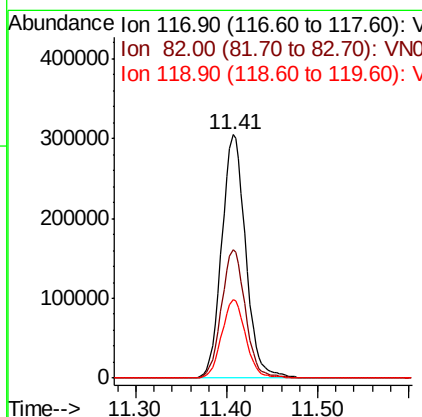
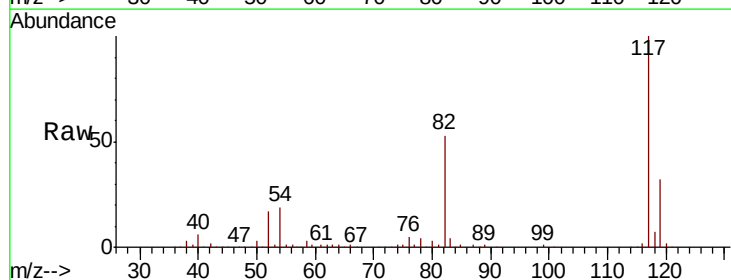
Instrument :
MSVOA_N
ClientSampleId :
OK-01-062819

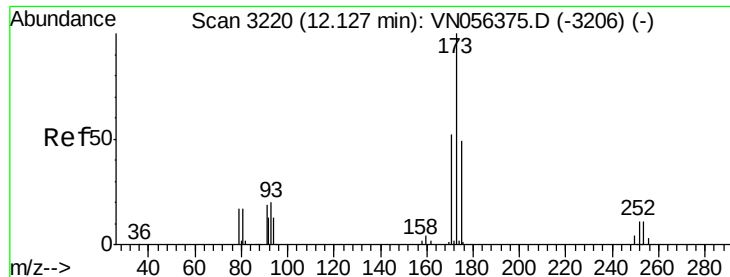
Tot Ion: 95 Resp: 219608
Ion Ratio Lower Upper
95 100
174 90.0 0.0 179.4
176 86.9 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

Tgt Ion: 117 Resp: 557738
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 32.1 25.3 37.9





#71

Bromoform

Concen: 3.665 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampled :

OK-01-062819

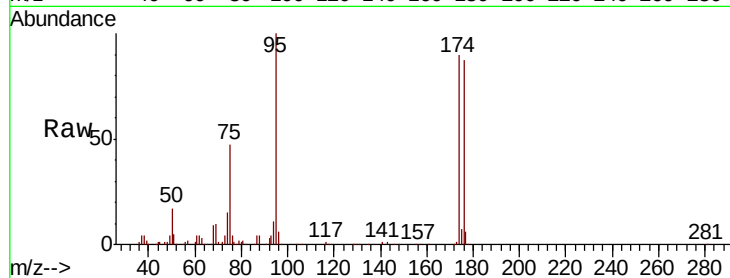
Tot Ion:173 Resp: 1702

Ion Ratio Lower Upper

173 100

175 708.0 24.4 73.4#

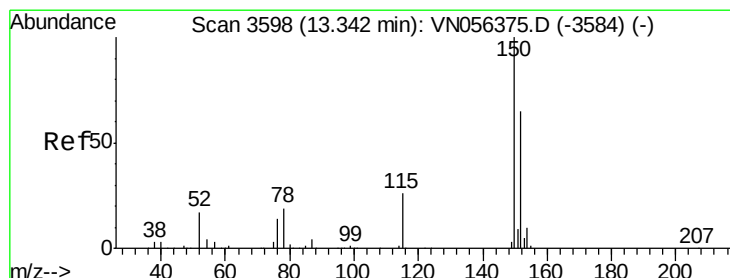
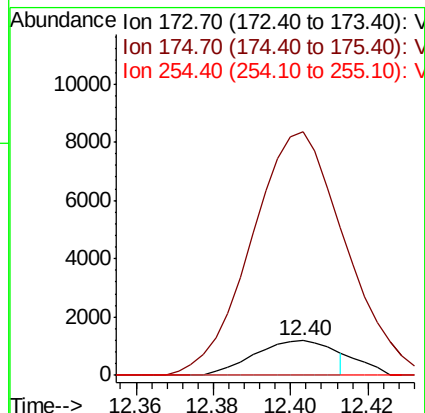
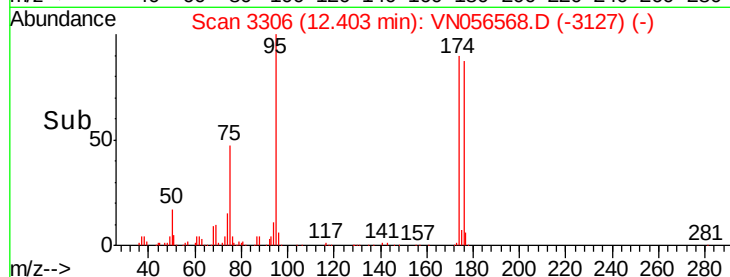
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

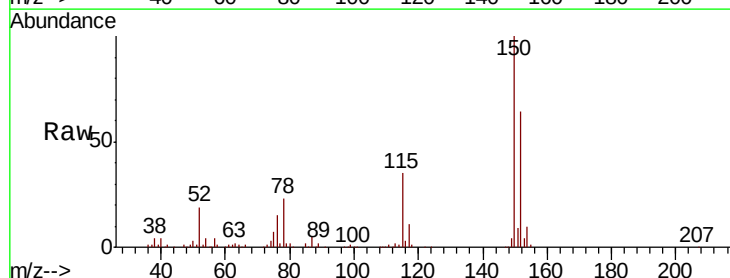
Tgt Ion:152 Resp: 156349

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.4

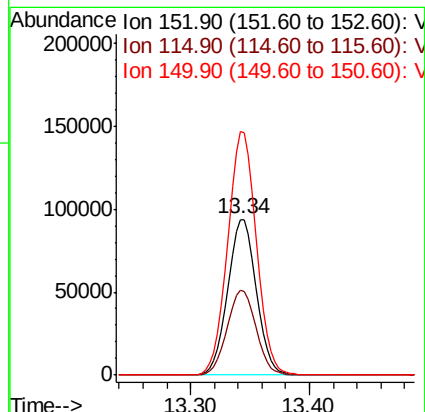
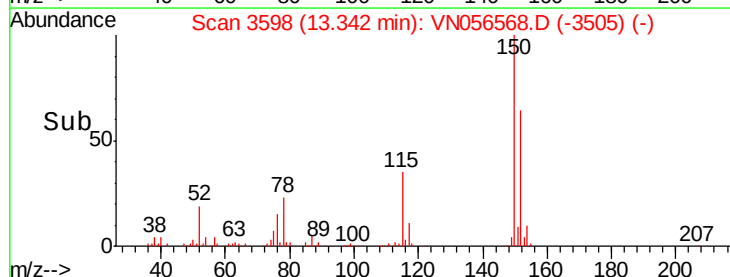
150 156.7 0.0 348.4

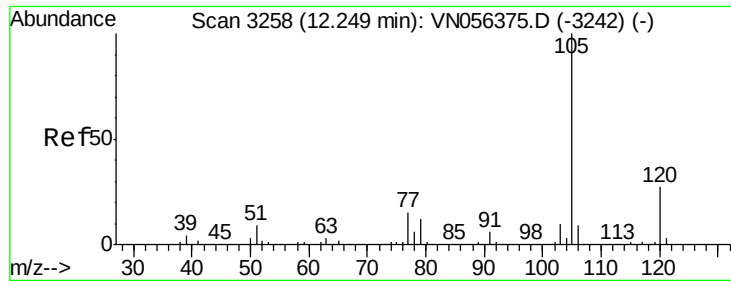


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

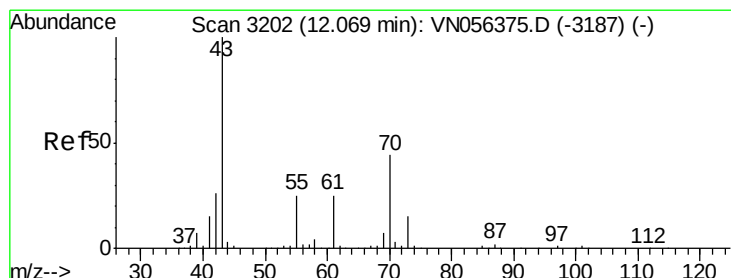
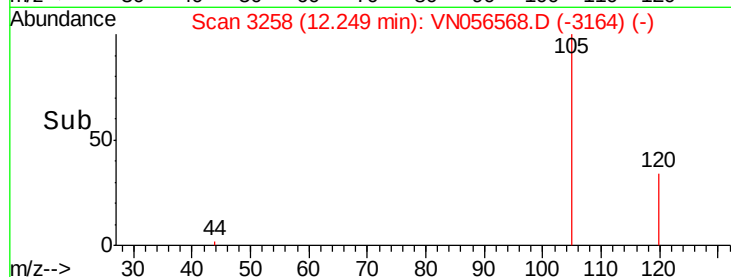
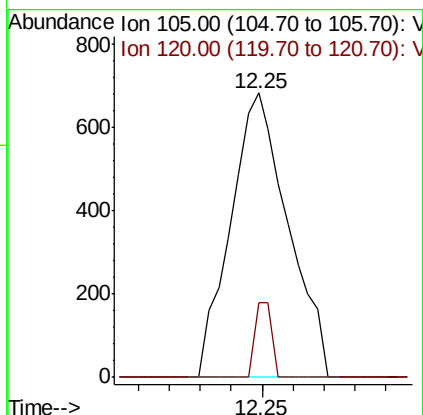
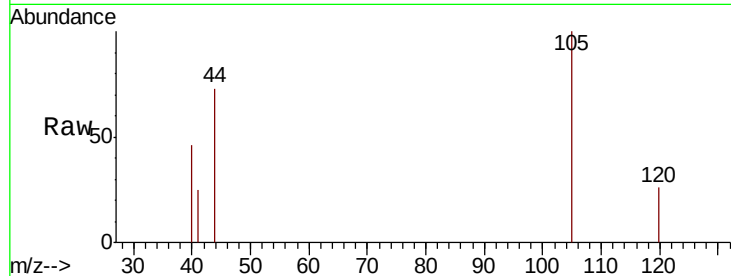
OK-01-062819

Tot Ion:105 Resp: 879

Ion Ratio Lower Upper

105 100

120 7.8 13.4 40.2#



#74

N-ethyl acetate

Concen: 0.208 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Tgt Ion: 43 Resp: 1033

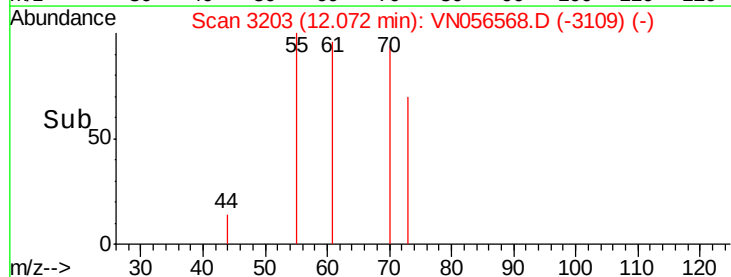
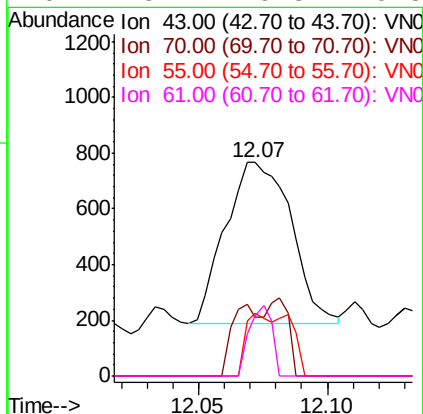
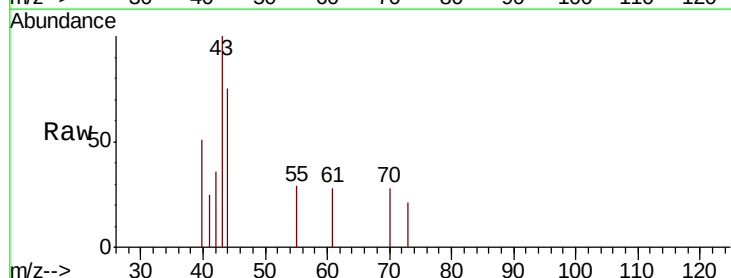
Ion Ratio Lower Upper

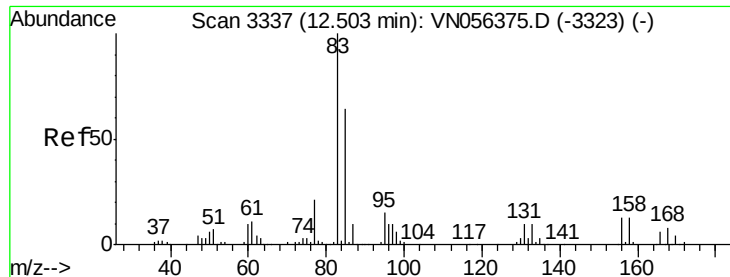
43 100

70 16.5 34.9 52.3#

55 15.4 20.4 30.6#

61 15.2 19.8 29.8#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3340

Delta R.T. 0.01 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

OK-01-062819

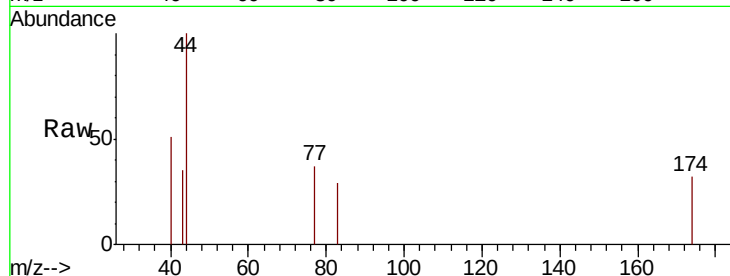
Tot Ion: 83 Resp: 31

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.51

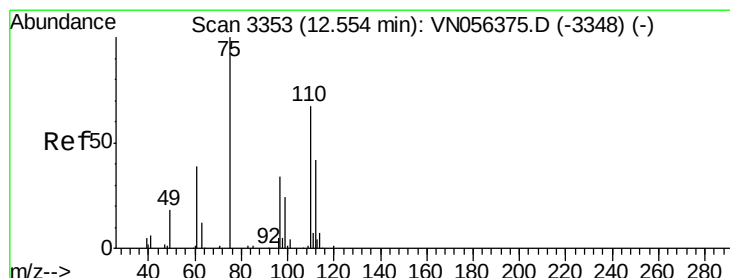
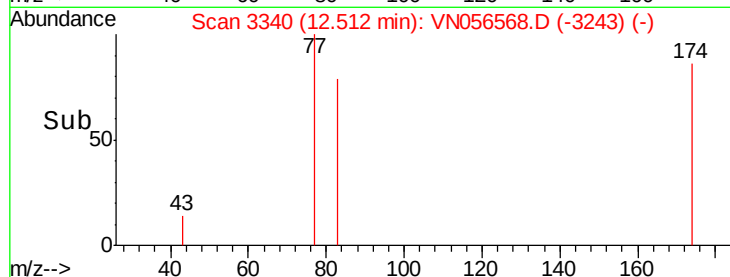
150

100

50

0

Time--> 12.50 12.51 12.52



#76

1,2,3-Trichloropropane

Concen: 32.058 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056568.D

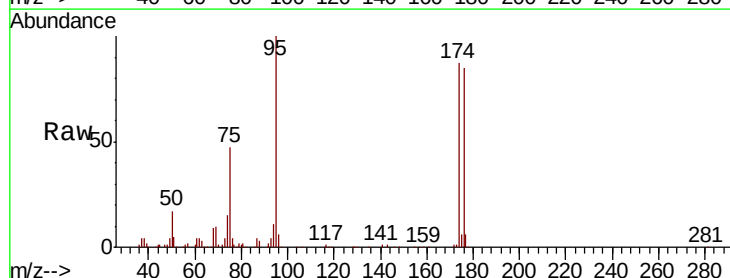
Acq: 1 Jul 2019 13:37

Tgt Ion: 75 Resp: 103929

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

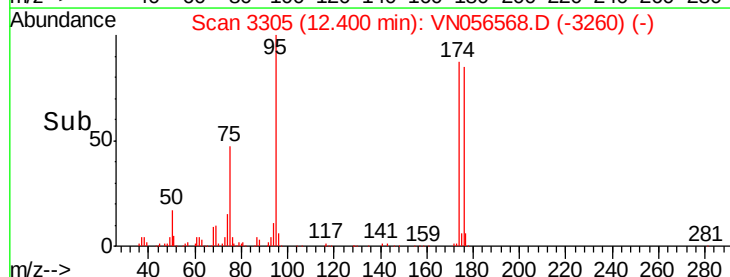
60000

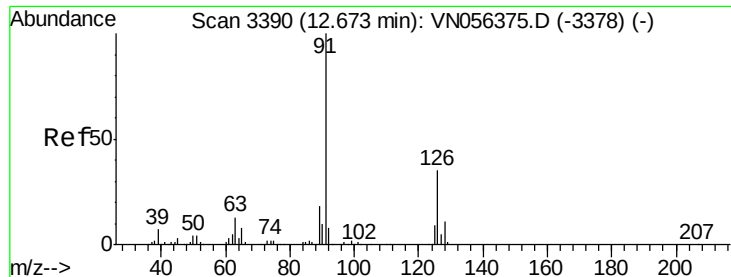
40000

20000

0

Time--> 12.35 12.40 12.45





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.10 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampled :

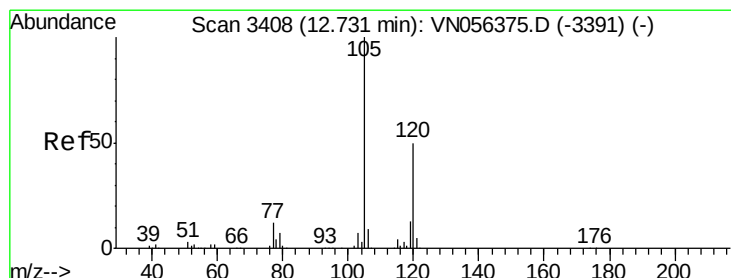
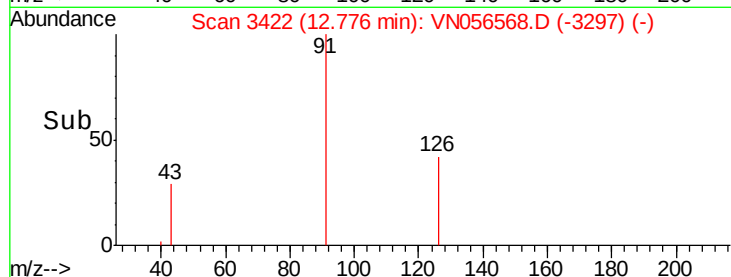
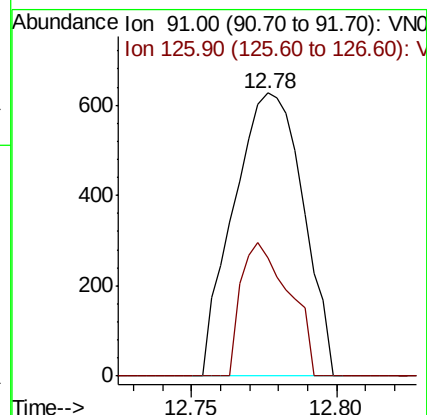
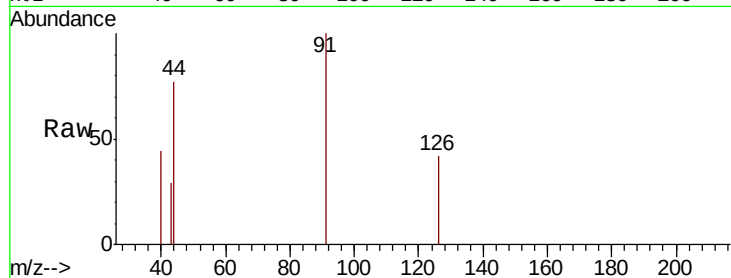
OK-01-062819

Tot Ion: 91 Resp: 1042

Ion Ratio Lower Upper

91 100

126 32.6 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056568.D

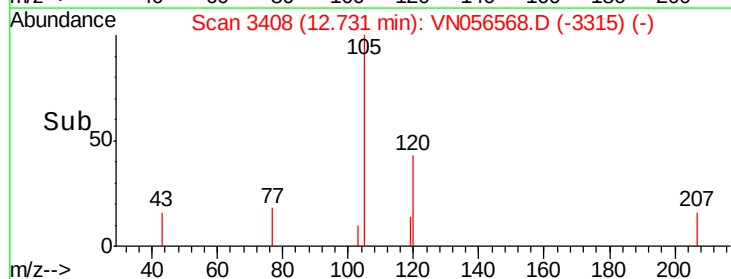
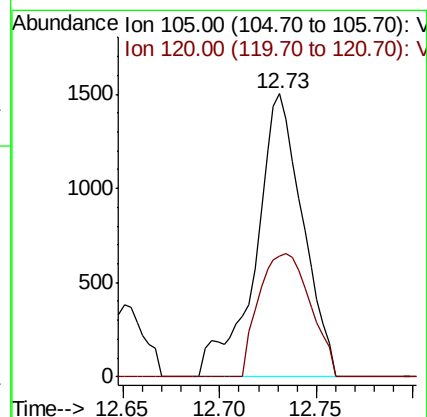
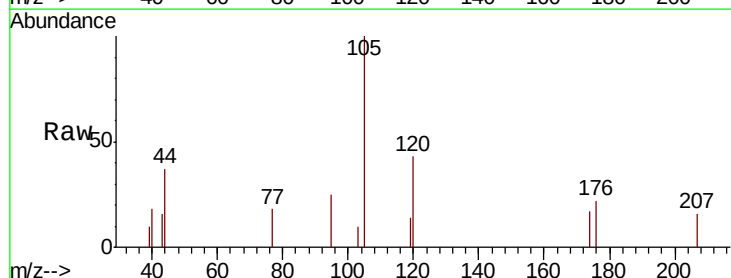
Acq: 1 Jul 2019 13:37

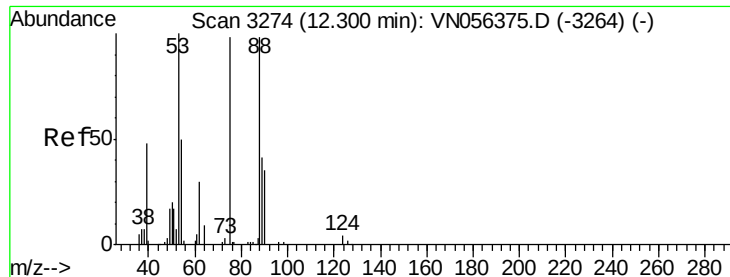
Tgt Ion: 105 Resp: 2543

Ion Ratio Lower Upper

105 100

120 47.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 113.938 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

OK-01-062819

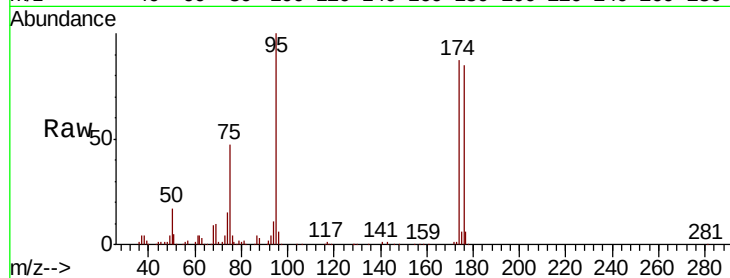
Tot Ion: 75 Resp: 103929

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

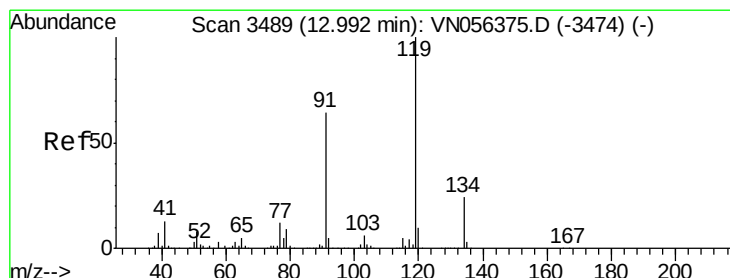
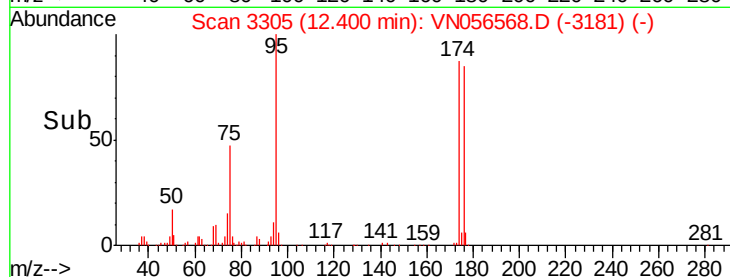
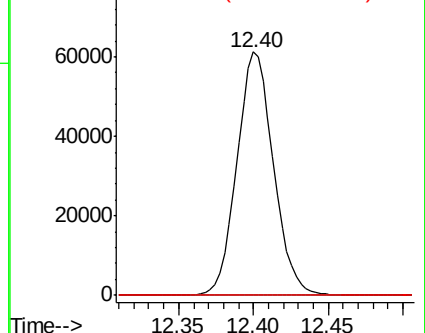
89 0.0 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3492

Delta R.T. 0.01 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

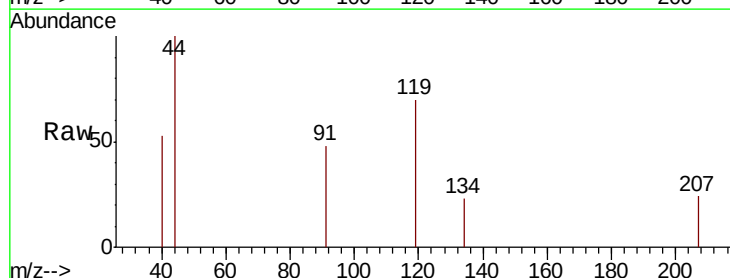
Tgt Ion: 119 Resp: 823

Ion Ratio Lower Upper

119 100

91 76.2 31.6 94.7

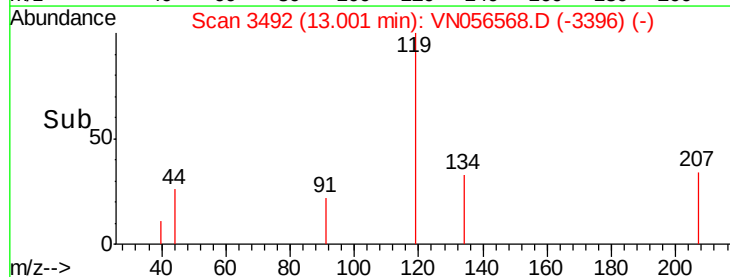
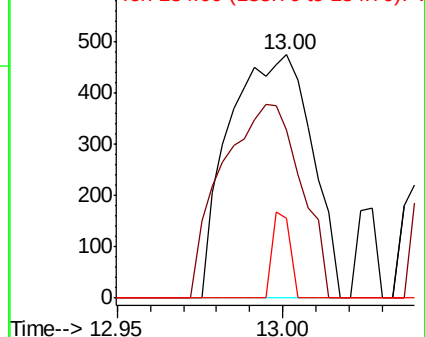
134 7.7 13.2 39.5#

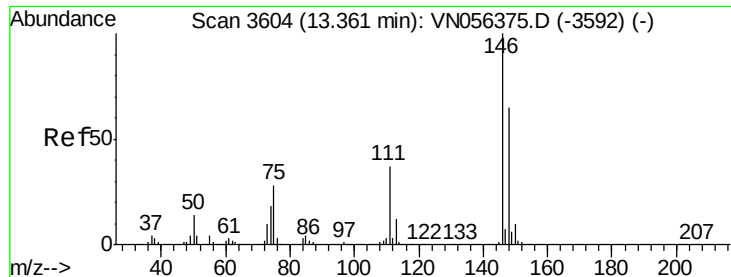


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

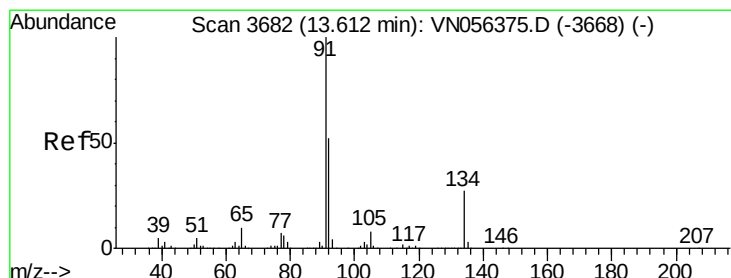
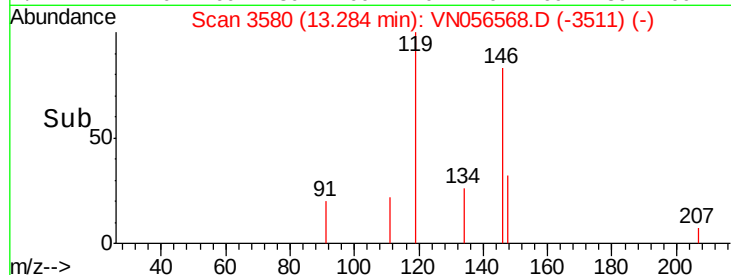
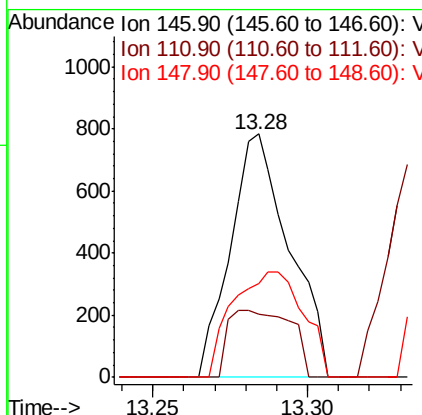
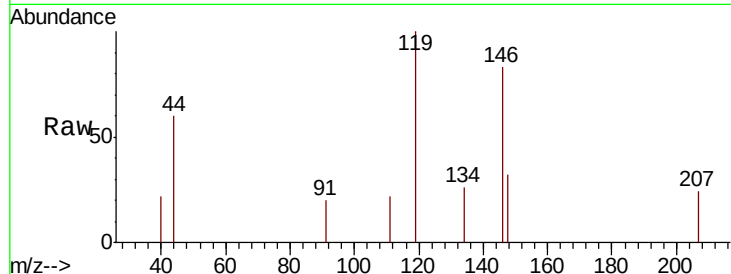




#88
 1,4-Dichlorobenzene
 Concen: 0.202 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

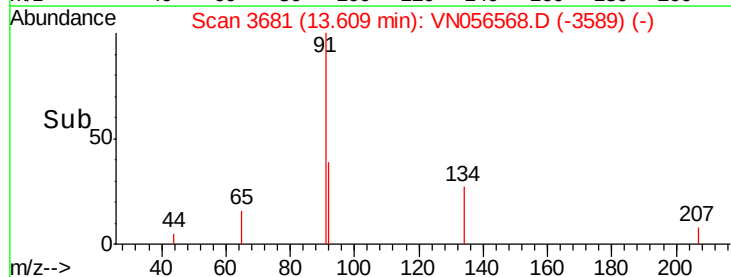
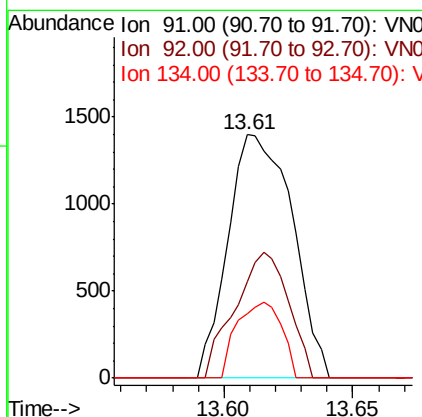
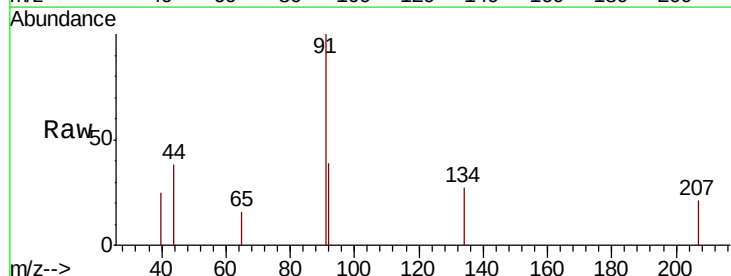
Instrument :
 MSVOA_N
 ClientSampled :
 OK-01-062819

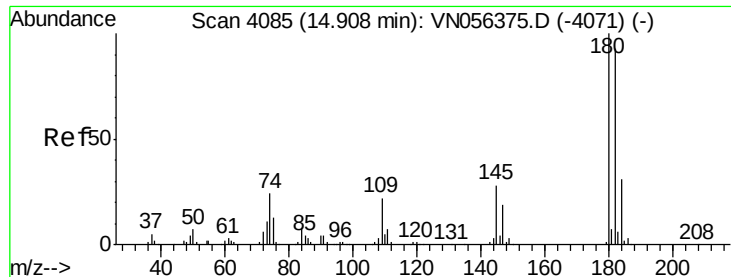
Tot Ion:146 Resp: 1036
 Ion Ratio Lower Upper
 146 100
 111 29.3 18.4 55.4
 148 52.0 32.4 97.0



#89
 n-Butylbenzene
 Concen: 0.297 ug/l
 RT: 13.61 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

Tgt Ion: 91 Resp: 2427
 Ion Ratio Lower Upper
 91 100
 92 43.1 26.2 78.5
 134 21.8 13.4 40.2

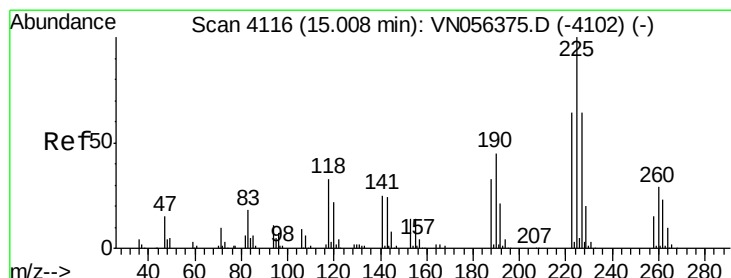
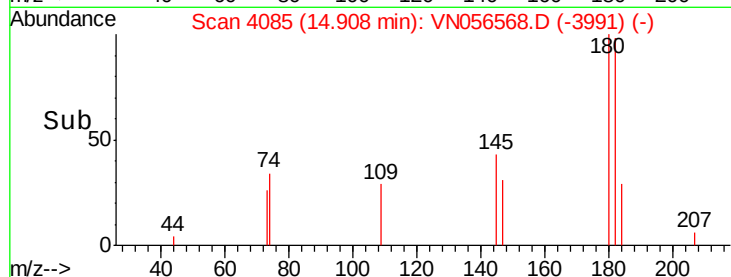
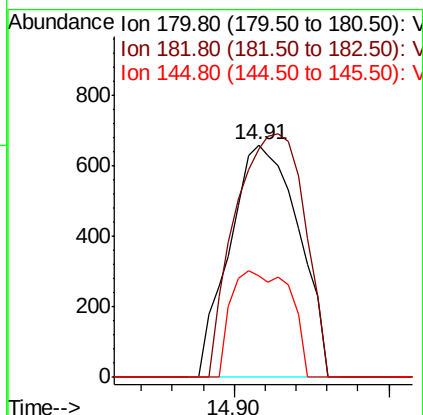
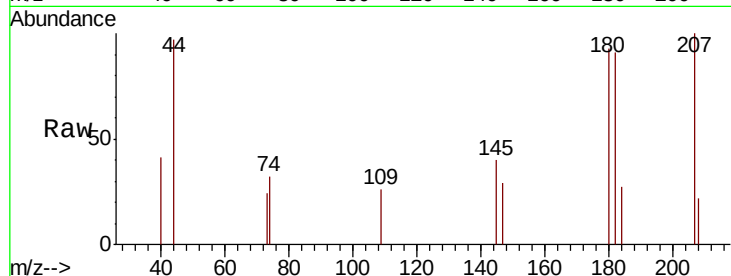




#93
 1,2,4-Trichlorobenzene
 Concen: 5.945 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

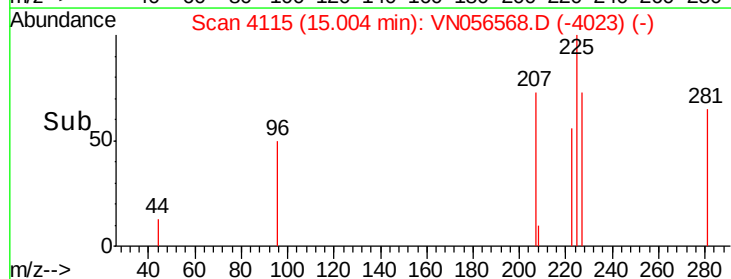
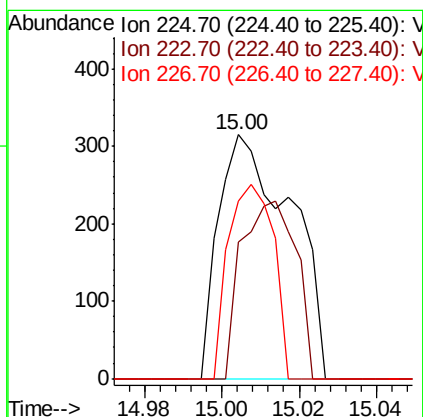
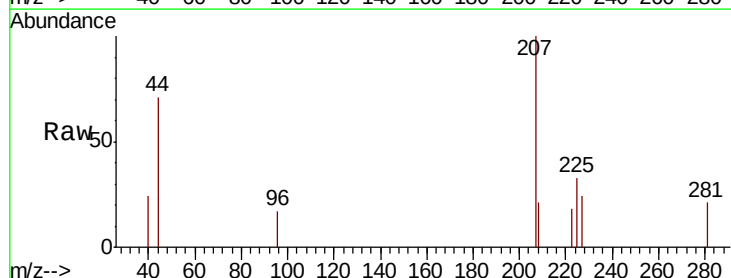
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-062819

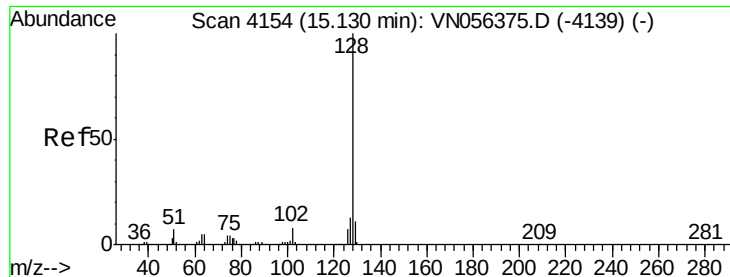
Tot Ion:180 Resp: 1019
 Ion Ratio Lower Upper
 180 100
 182 105.8 46.9 140.6
 145 39.2 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

Tgt Ion:225 Resp: 410
 Ion Ratio Lower Upper
 225 100
 223 54.6 31.4 94.3
 227 49.5 32.1 96.3





#95

Naphthalene

Concen: 5.840 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

OK-01-062819

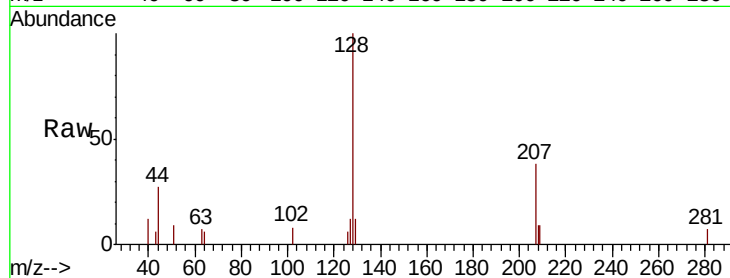
Tot Ion:128 Resp: 4755

Ion Ratio Lower Upper

128 100

127 9.0 10.2 15.2#

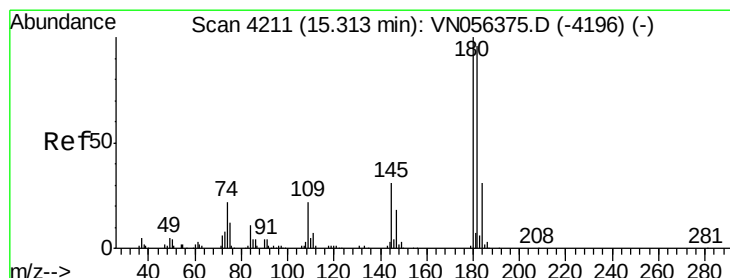
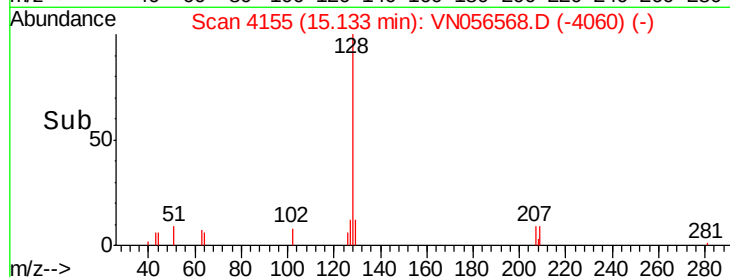
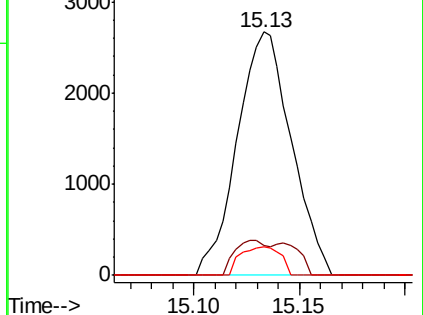
129 8.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.933 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

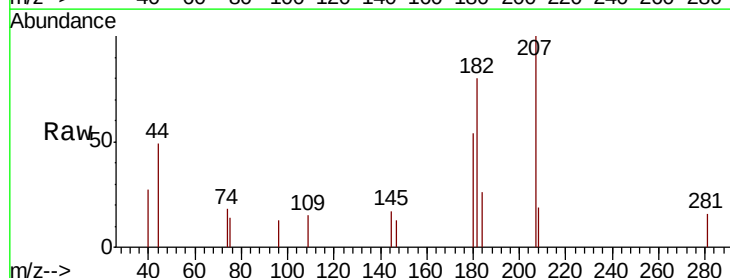
Tgt Ion:180 Resp: 1408

Ion Ratio Lower Upper

180 100

182 117.1 48.3 144.8

145 18.8 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

