

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056609.D
 Acq On : 8 Jul 2019 15:08
 Operator : JC/SP
 Sample : K3668-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-T2

Quant Time: Jul 09 03:45:10 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	291939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	504175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	529445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213005	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	169986	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
35) Dibromofluoromethane	7.59	113	151078	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
50) Toluene-d8	10.09	98	639064	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.40	95	238301	58.41	ug/l	0.00
Spiked Amount			Recovery	=	116.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	981	0.271	ug/l #	74
11) Tert butyl alcohol	4.80	59	6733	12.355	ug/l #	81
14) Allyl chloride	4.54	41	8730	2.034	ug/l #	28
16) Acetone	3.82	43	50177	30.953	ug/l	99
18) Methyl Acetate	4.34	43	4828	0.664	ug/l #	78
20) Methylene Chloride	4.55	84	239687	78.948	ug/l	99
25) 2-Butanone	6.85	43	12743	5.939	ug/l	100
29) Tetrahydrofuran	7.22	42	56104	42.791	ug/l	99
30) Chloroform	7.38	83	2013	0.394	ug/l	87
31) Cyclohexane	7.67	56	4661	0.933	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	19411	4.374	ug/l #	48
37) Ethyl Acetate	6.85	43	12743	2.922	ug/l #	69
38) Carbon Tetrachloride	7.66	117	25210	6.496	ug/l #	14
41) Methacrylonitrile	7.22	41	31115	16.157	ug/l #	29
43) Isopropyl Acetate	8.17	43	19790	2.943	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	1759	0.482	ug/l #	43
48) Methyl methacrylate	9.18	41	10372	3.078	ug/l #	21
51) 4-Methyl-2-Pentanone	9.98	43	4867	1.121	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	49268	10.100	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	10723	1.903	ug/l #	42
59) 2-Hexanone	10.76	43	145008	45.457	ug/l #	51
60) Dibromochloromethane	11.17	129	59	2.398	ug/l #	10
71) Bromoform	12.40	173	1841	3.737	ug/l #	1
73) Isopropylbenzene	12.25	105	750	Below Cal	#	56
74) N-amyl acetate	11.88	43	13908	2.052	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.56	83	532	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	109447	24.780	ug/l #	100
79) 2-Chlorotoluene	12.68	91	482	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	3624	Below Cal		94
81) trans-1,4-Dichloro-2-buten	12.40	75	109447	88.073	ug/l #	8
83) tert-Butylbenzene	12.99	119	773	Below Cal	#	43
84) 1,2,4-Trimethylbenzene	13.04	105	2947	0.206	ug/l	92
85) sec-Butylbenzene	13.17	105	9799	0.572	ug/l	79
86) p-Isopropyltoluene	13.44	119	3966	0.270	ug/l	95

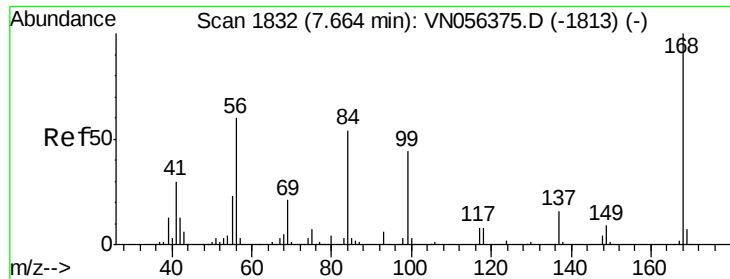
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
Data File : VN056609.D
Acq On : 8 Jul 2019 15:08
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	4766	2.078	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	13.99	75	193	0.245	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	793	5.803	ug/l #	1
95) Naphthalene	15.13	128	5104	5.713	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.31	180	780	4.665	ug/l #	63

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

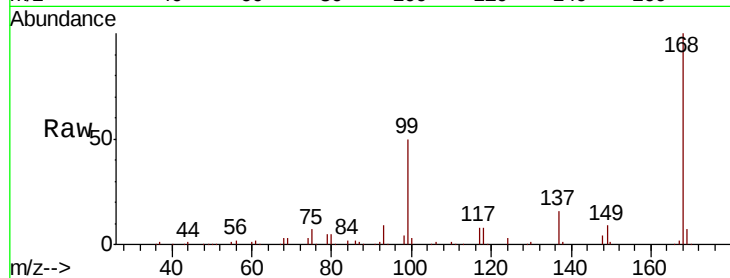
TRANSFORMER-T2

Tot Ion:168 Resp: 291939

Ion Ratio Lower Upper

168 100

99 49.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

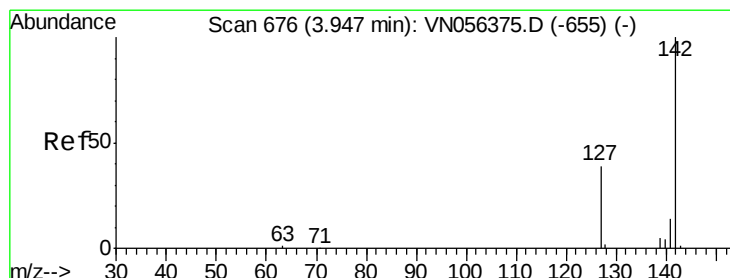
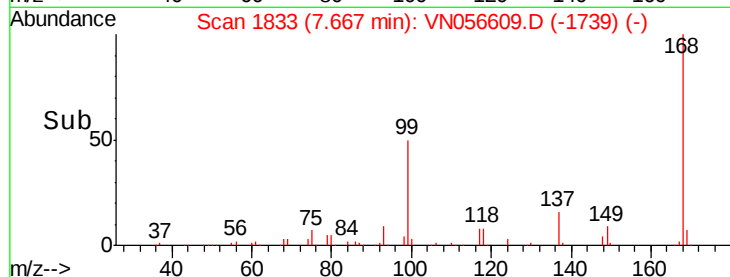
100000

50000

0

Time-->

7.60 7.70 7.80



#10

Methyl Iodide

Concen: 0.271 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.01 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

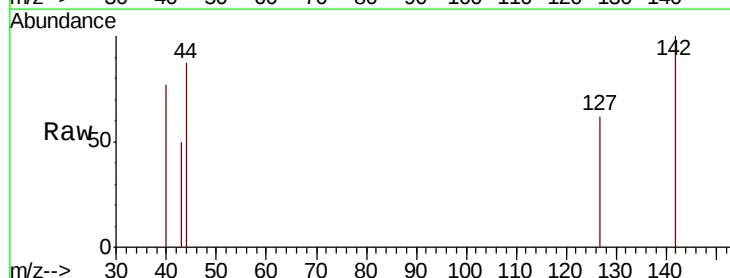
Tgt Ion:142 Resp: 981

Ion Ratio Lower Upper

142 100

127 24.8 30.6 46.0#

141 0.0 11.4 17.2#



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

500

400

300

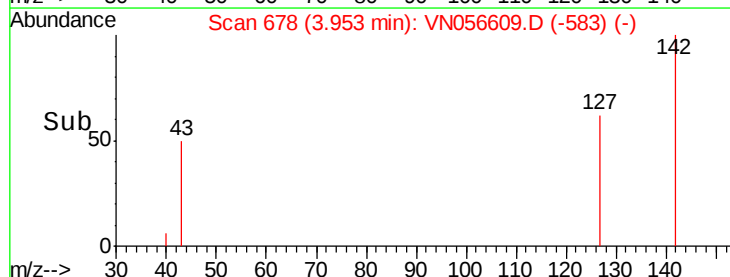
200

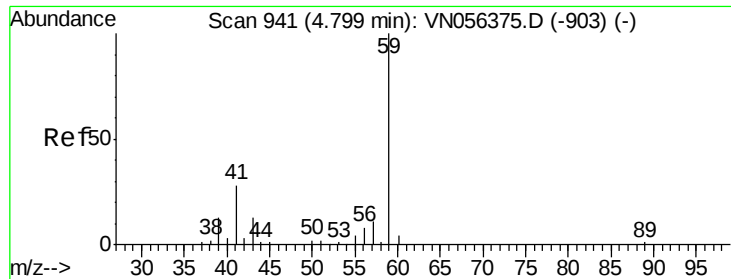
100

0

Time-->

3.90 3.95 4.00

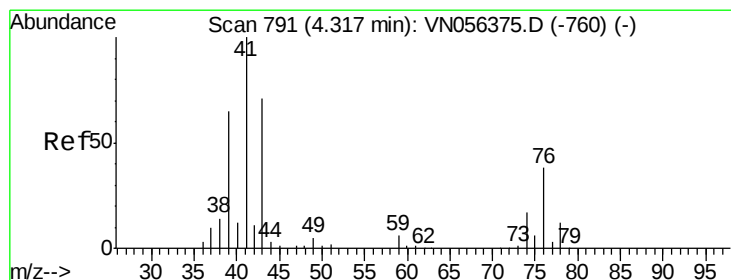
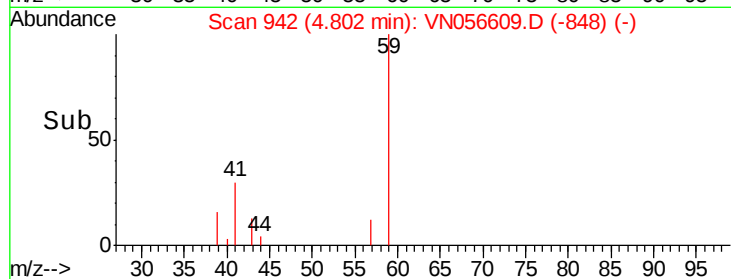
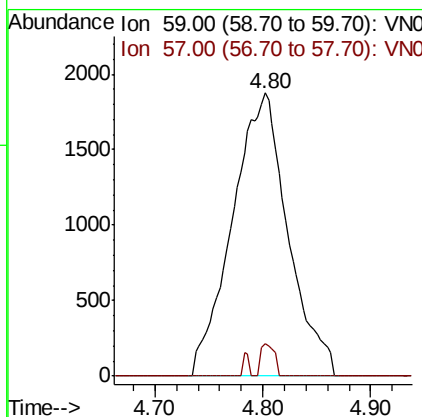
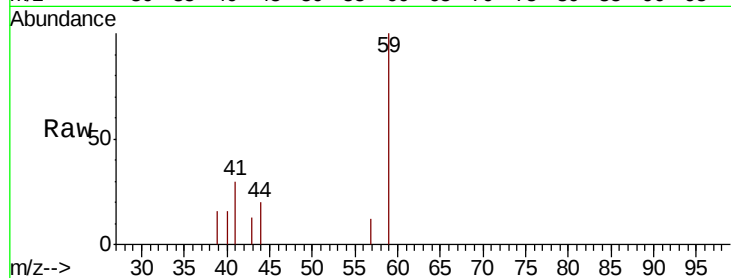




#11
Tert butyl alcohol
Concen: 12.355 ug/l
RT: 4.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: VN056609.D
Acq: 8 Jul 2019 15:08

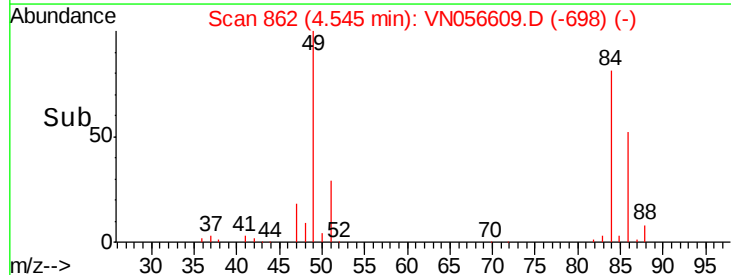
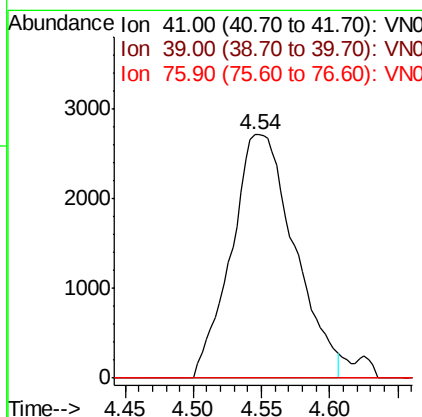
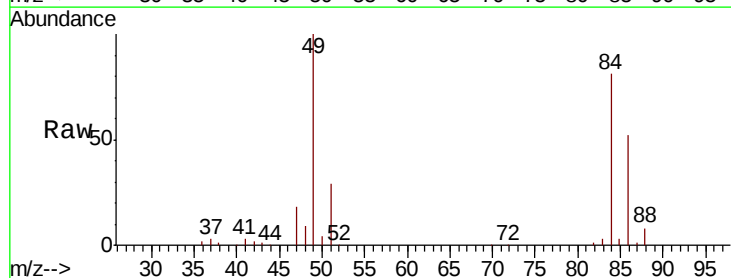
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-T2

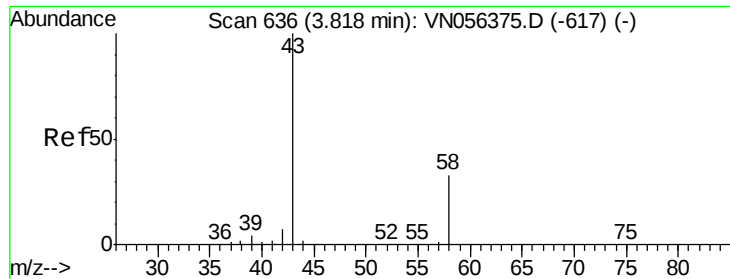
Tot Ion: 59 Resp: 6733
Ion Ratio Lower Upper
59 100
57 2.7 7.6 11.4#



#14
Allyl chloride
Concen: 2.034 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN056609.D
Acq: 8 Jul 2019 15:08

Tgt Ion: 41 Resp: 8730
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
76 0.0 26.6 40.0#





#16

Acetone

Concen: 30.953 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

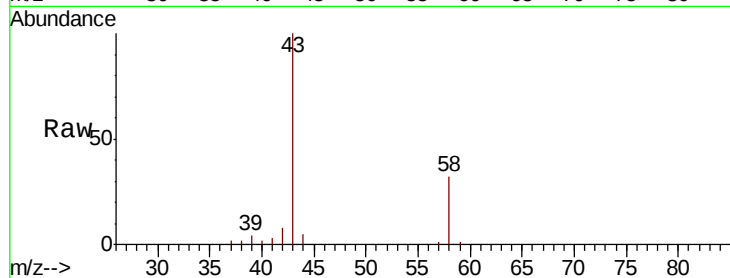
TRANSFORMER-T2

Tot Ion: 43 Resp: 50177

Ion Ratio Lower Upper

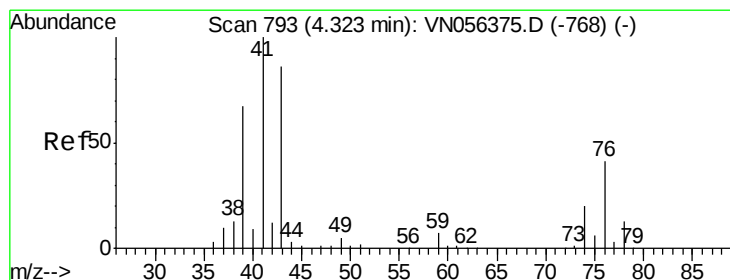
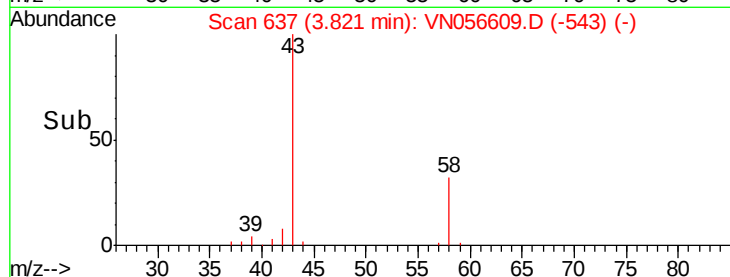
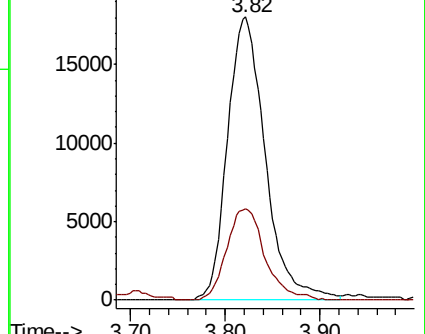
43 100

58 32.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.664 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056609.D

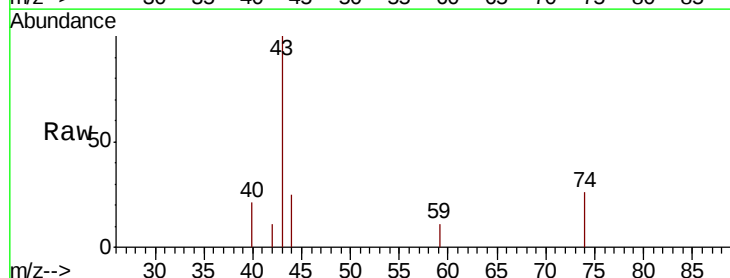
Acq: 8 Jul 2019 15:08

Tgt Ion: 43 Resp: 4828

Ion Ratio Lower Upper

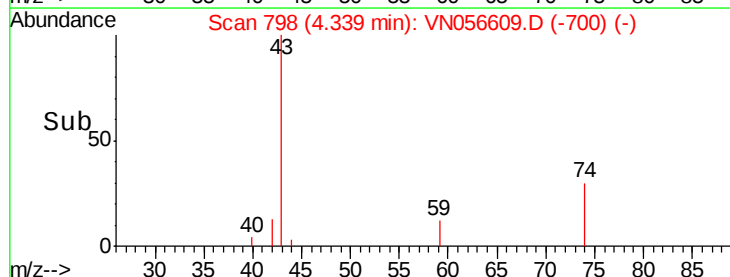
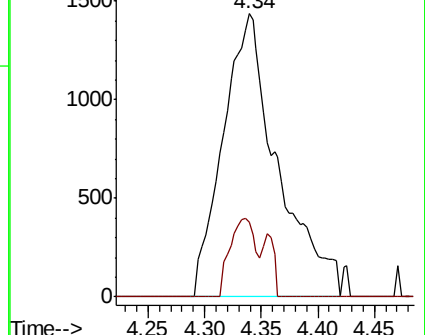
43 100

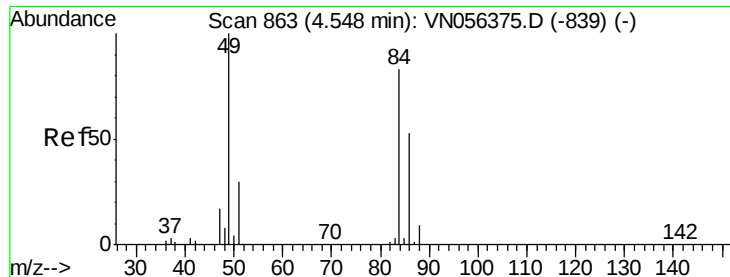
74 13.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

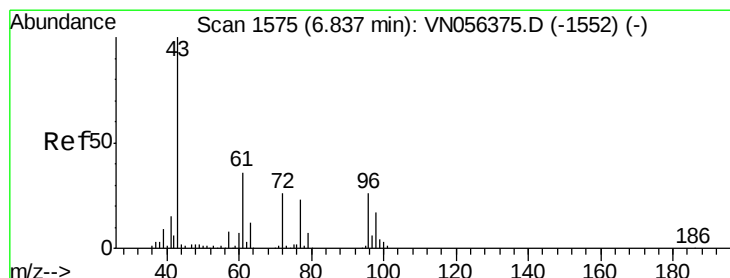
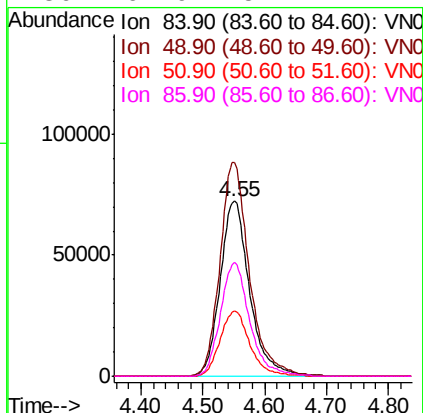
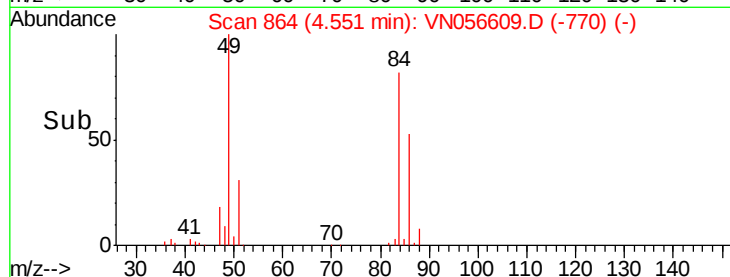
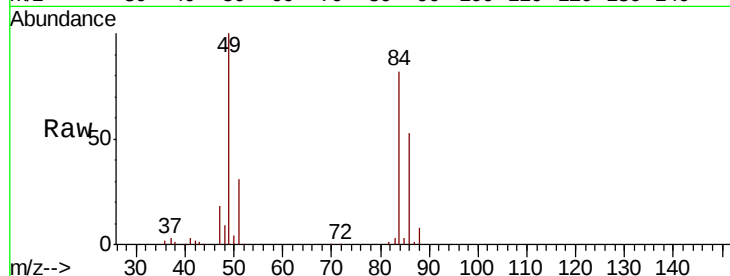




#20
Methvlene Chloride
Concen: 78.948 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056609.D
Acq: 8 Jul 2019 15:08

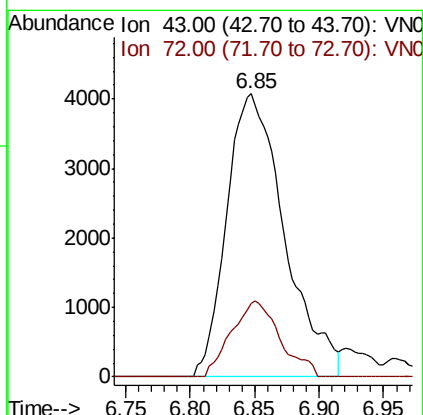
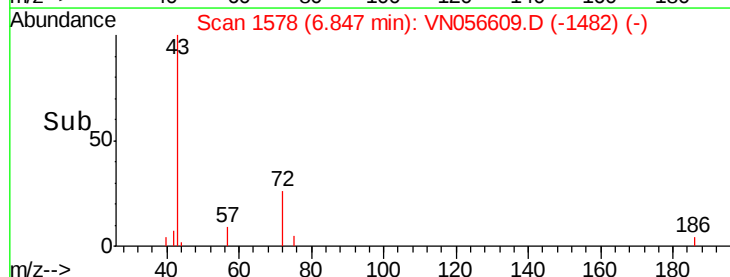
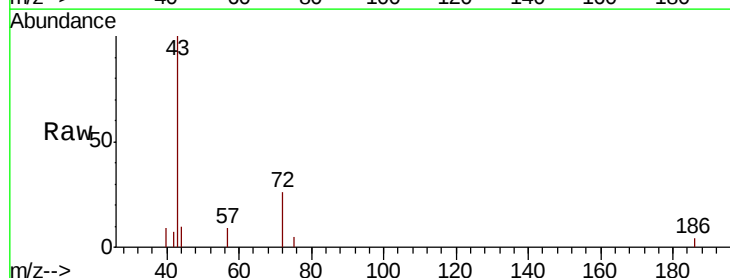
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-T2

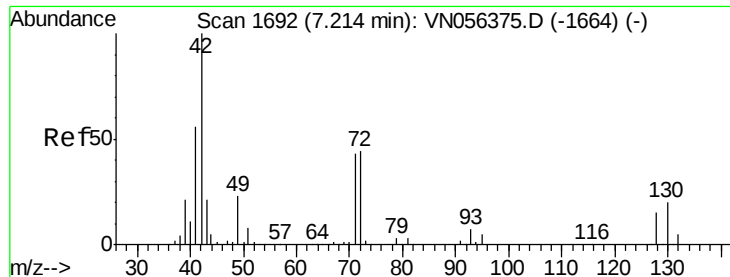
Tot Ion:	84	Resp:	239687
Ion	Ratio	Lower	Upper
84	100		
49	121.9	96.4	144.6
51	37.2	28.6	43.0
86	64.9	51.4	77.2



#25
2-Butanone
Concen: 5.939 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN056609.D
Acq: 8 Jul 2019 15:08

Tgt Ion:	43	Resp:	12743
Ion	Ratio	Lower	Upper
43	100		
72	25.9	20.6	31.0





#29

Tetrahydrofuran

Concen: 42.791 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-T2

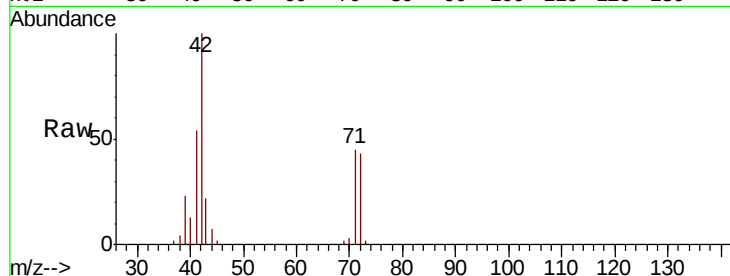
Tot Ion: 42 Resp: 56104

Ion Ratio Lower Upper

42 100

72 42.9 34.7 52.1

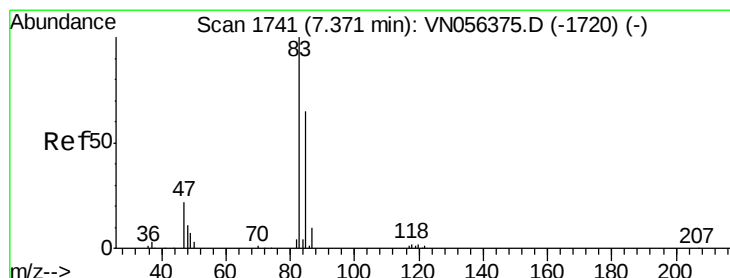
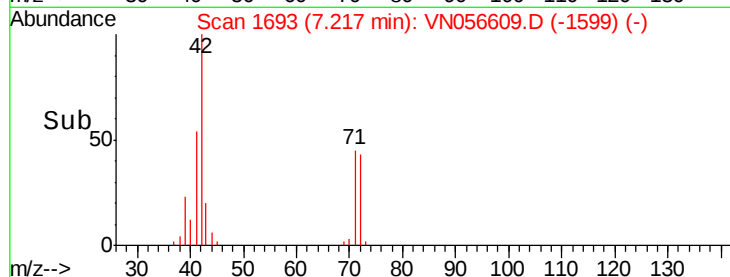
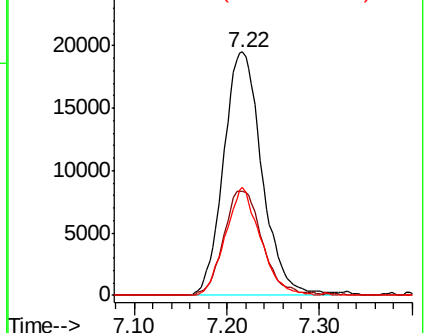
71 40.5 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VN056609.D (-1599) (-)

Ion 72.00 (71.70 to 72.70): VN056609.D (-1599) (-)

Ion 71.00 (70.70 to 71.70): VN056609.D (-1599) (-)



#30

Chloroform

Concen: 0.394 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN056609.D

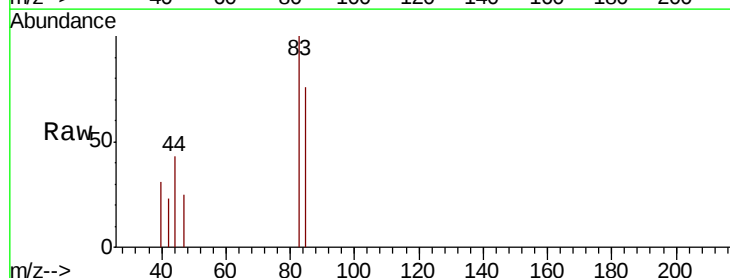
Acq: 8 Jul 2019 15:08

Tgt Ion: 83 Resp: 2013

Ion Ratio Lower Upper

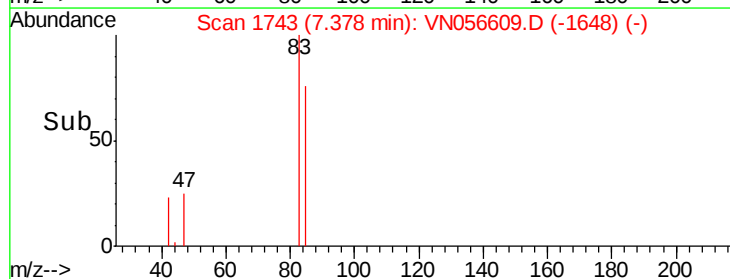
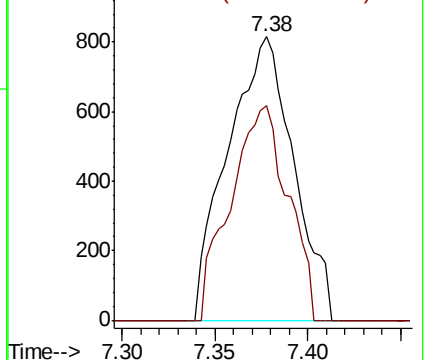
83 100

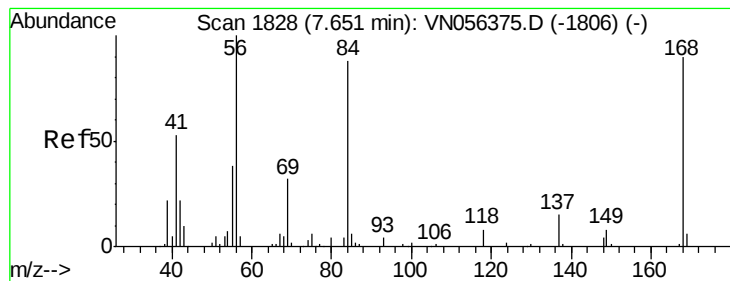
85 75.8 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN056609.D (-1648) (-)

Ion 84.90 (84.60 to 85.60): VN056609.D (-1648) (-)





#31

Cyclohexane

Concen: 0.933 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-T2

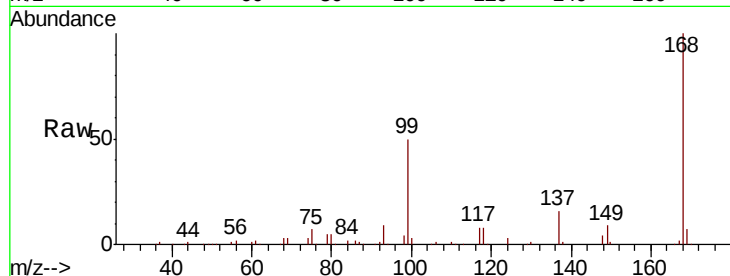
Tot Ion: 56 Resp: 4661

Ion Ratio Lower Upper

56 100

69 186.0 25.8 38.6#

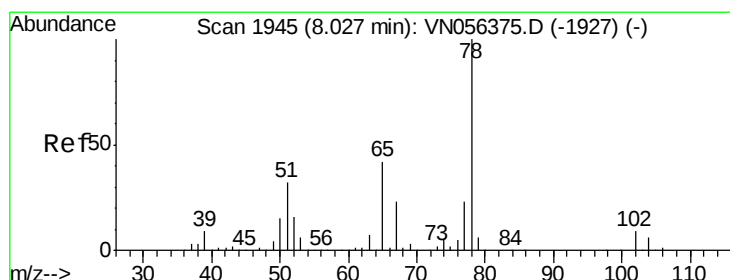
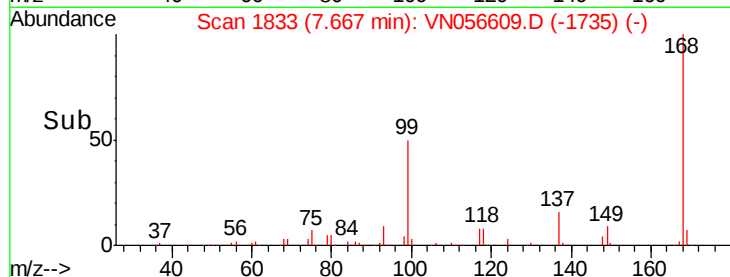
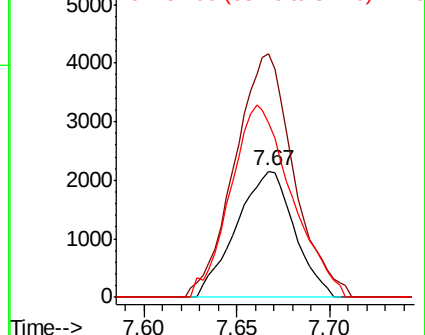
84 138.3 69.4 104.0#



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: 52.536 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056609.D

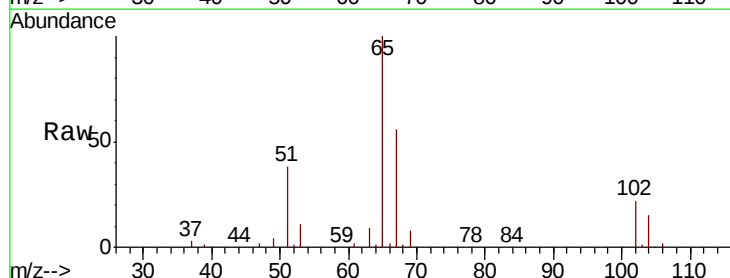
Acq: 8 Jul 2019 15:08

Tgt Ion: 65 Resp: 169986

Ion Ratio Lower Upper

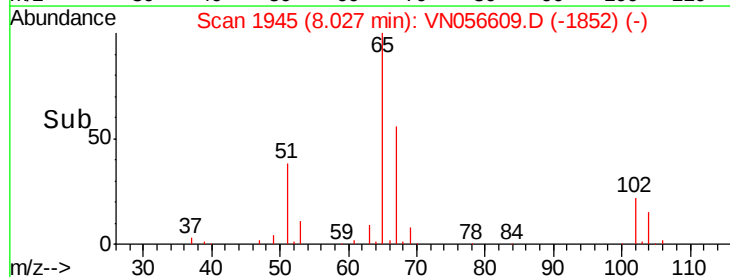
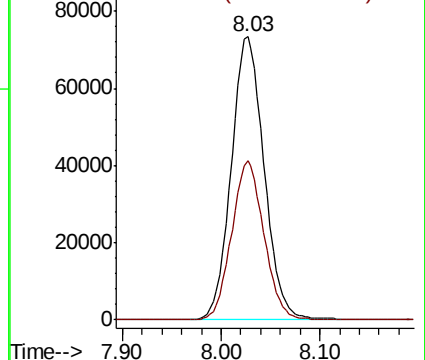
65 100

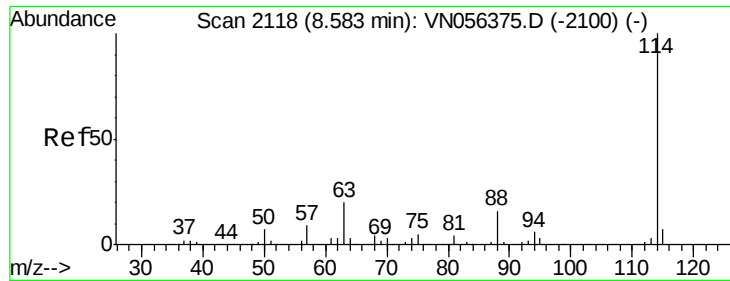
67 55.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

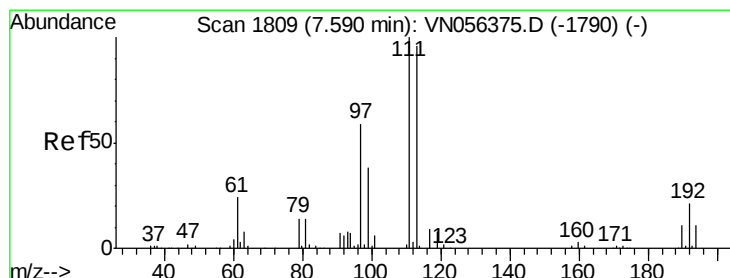
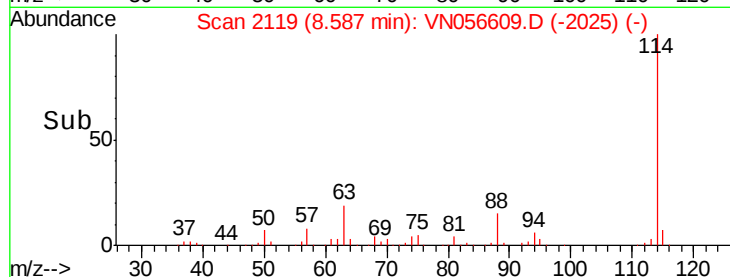
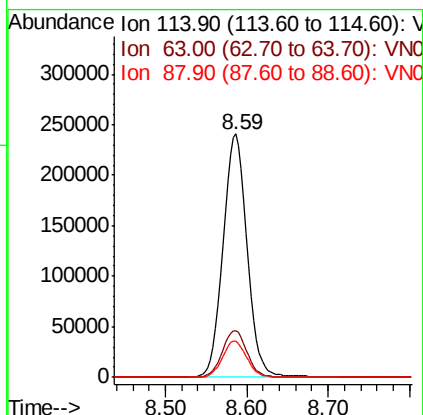
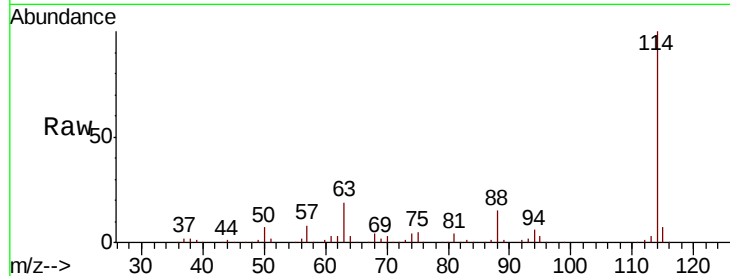




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056609.D
 Acq: 8 Jul 2019 15:08

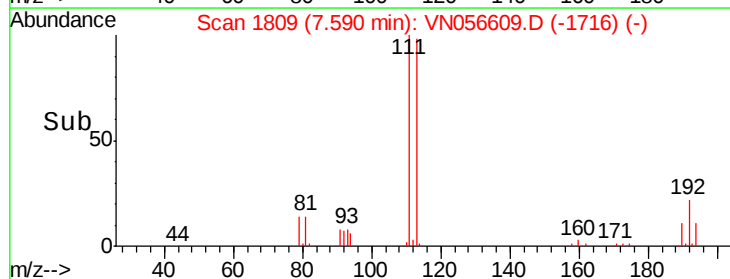
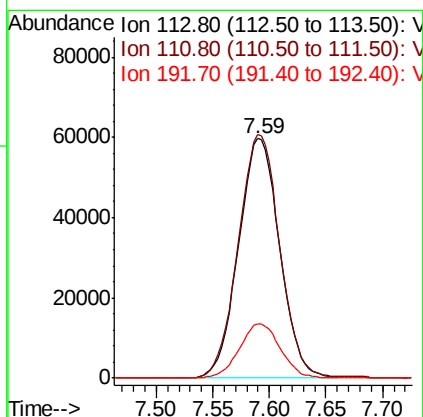
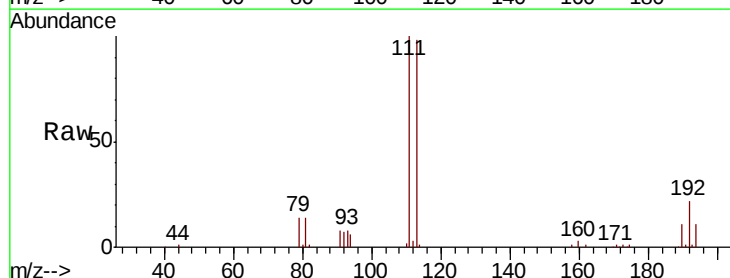
Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-T2

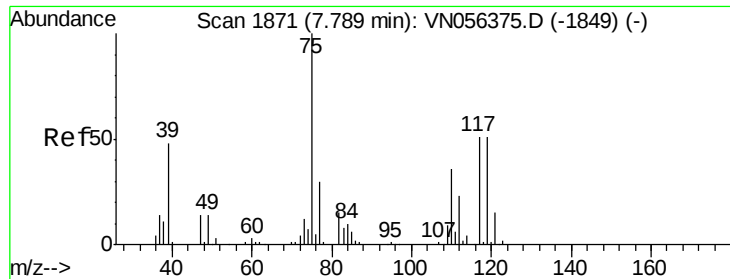
Tot Ion:114 Resp: 504175
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.0 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 48.034 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056609.D
 Acq: 8 Jul 2019 15:08

Tgt Ion:113 Resp: 151078
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 22.5 17.7 26.5

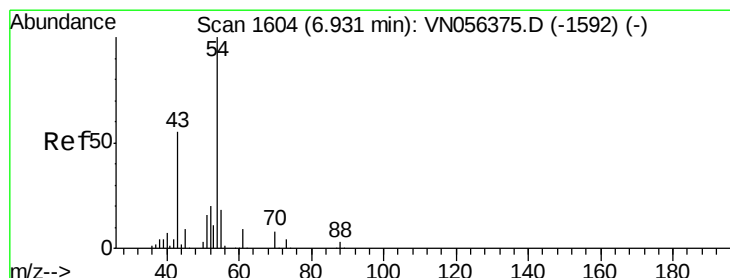
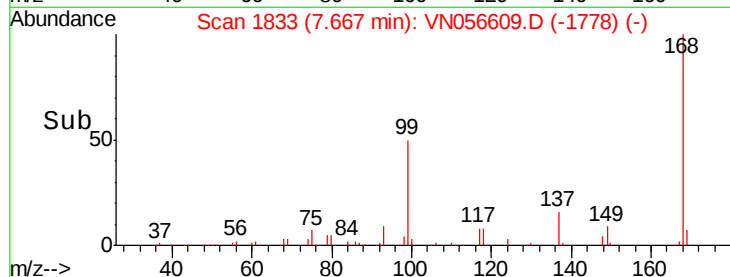
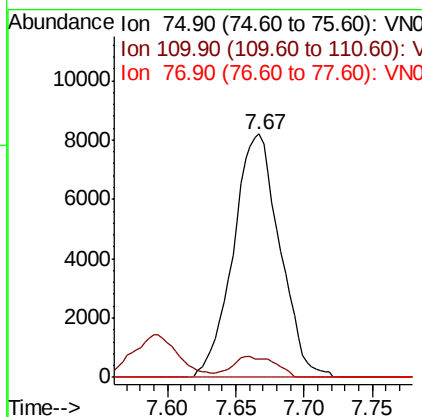
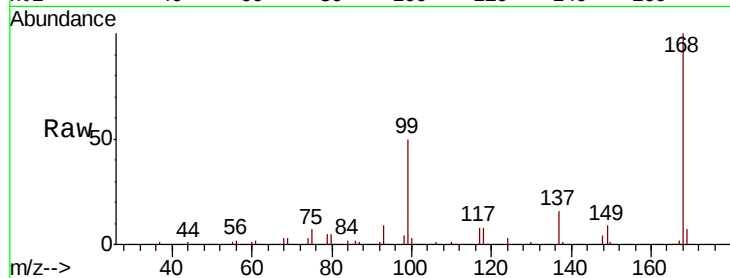




#36
 1,1-Dichloropropene
 Concen: 4.374 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN056609.D
 Acq: 8 Jul 2019 15:08

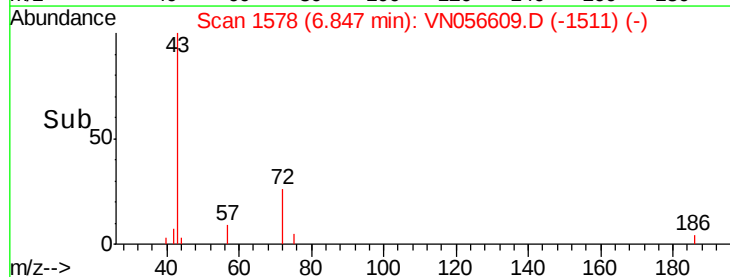
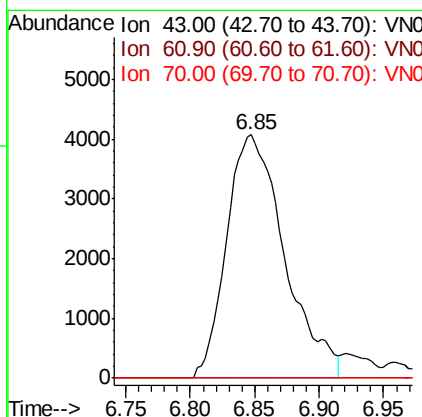
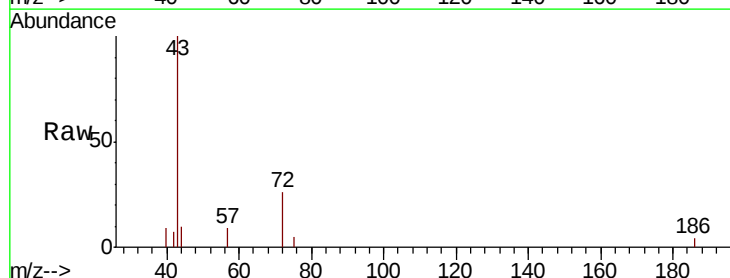
Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-T2

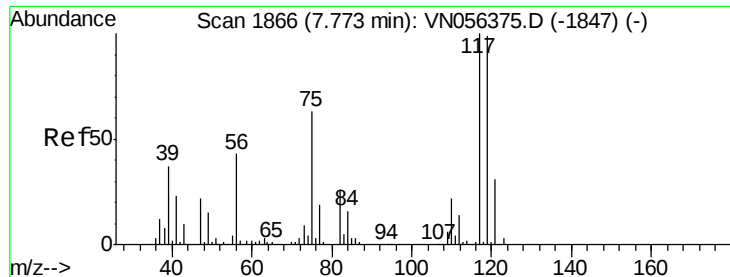
Tot Ion	75	Resp	19411
Ion Ratio	Lower	Upper	
75	100		
110	7.9	18.1	54.3#
77	0.0	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 2.922 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. -0.08 min
 Lab File: VN056609.D
 Acq: 8 Jul 2019 15:08

Tgt Ion	43	Resp	12743
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.1	16.7#
70	0.0	8.3	12.5#





#38

Carbon Tetrachloride

Concen: 6.496 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-T2

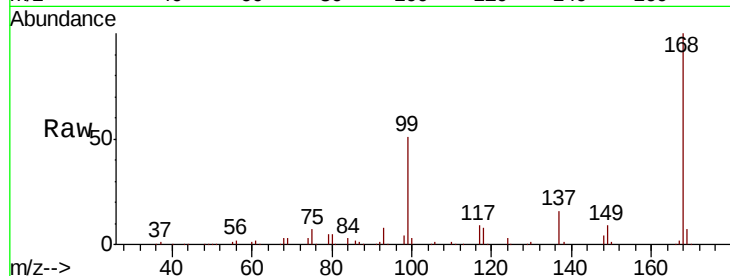
Tot Ion:117 Resp: 25210

Ion Ratio Lower Upper

117 100

119 4.8 79.1 118.7#

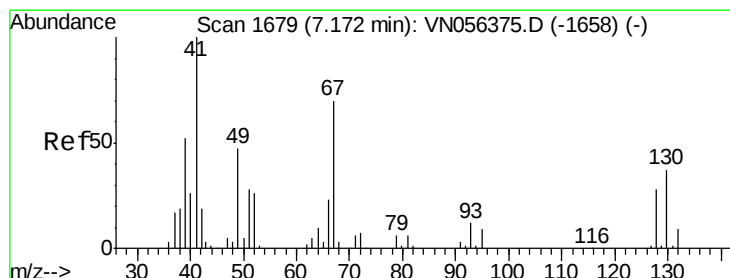
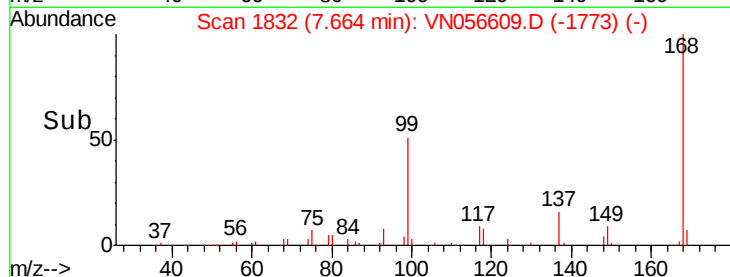
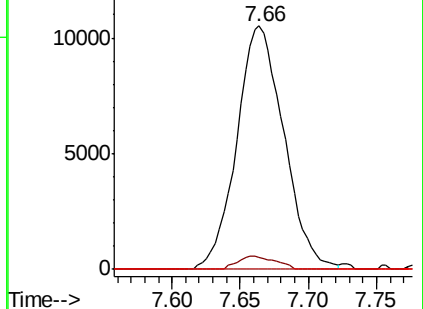
121 0.0 24.8 37.2#



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: 16.157 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.05 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Tgt Ion: 41 Resp: 31115

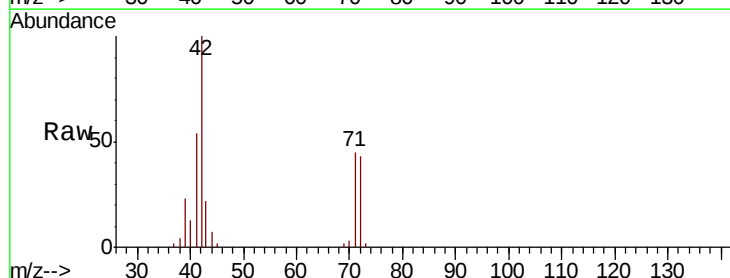
Ion Ratio Lower Upper

41 100

39 41.7 55.3 82.9#

67 0.0 79.2 118.8#

52 0.0 31.4 47.0#

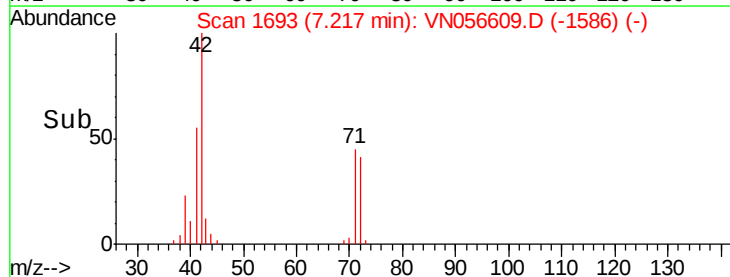
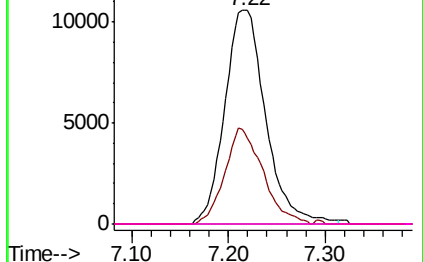


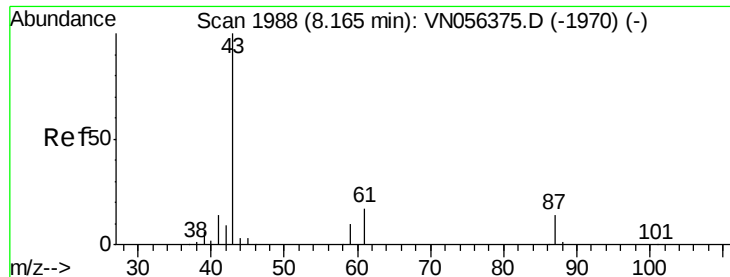
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 2.943 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-T2

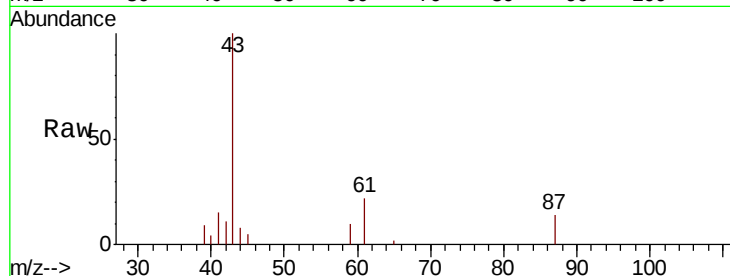
Tot Ion: 43 Resp: 19790

Ion Ratio Lower Upper

43 100

61 20.4 22.0 33.0#

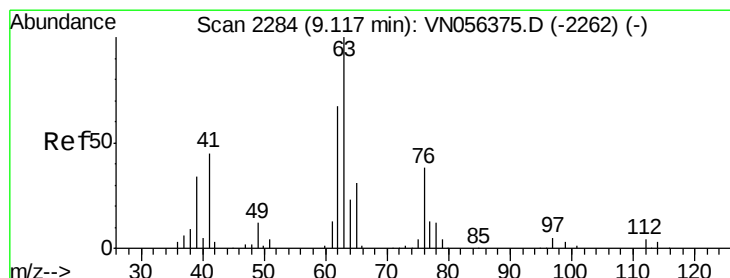
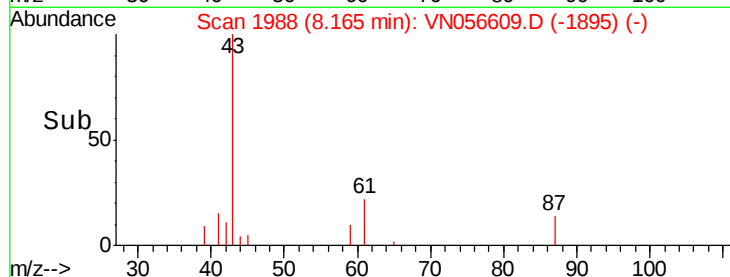
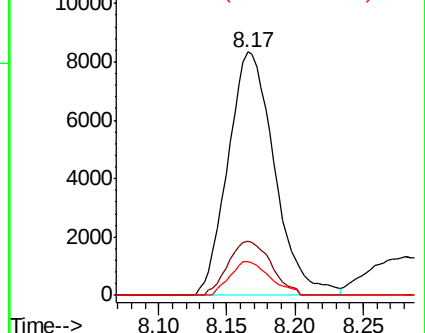
87 11.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#45

1,2-Dichloropropane

Concen: 0.482 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056609.D

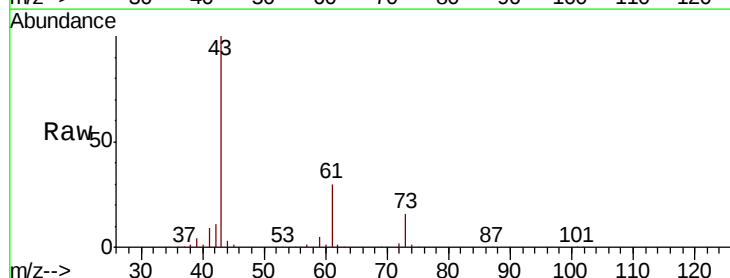
Acq: 8 Jul 2019 15:08

Tgt Ion: 63 Resp: 1759

Ion Ratio Lower Upper

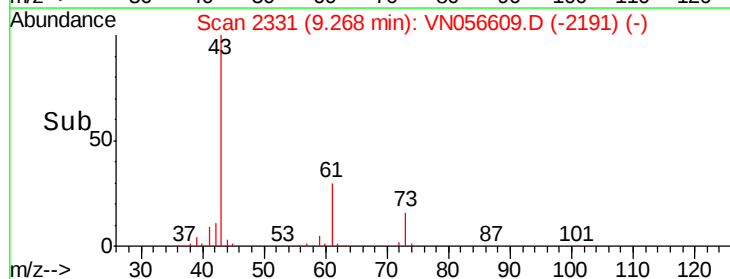
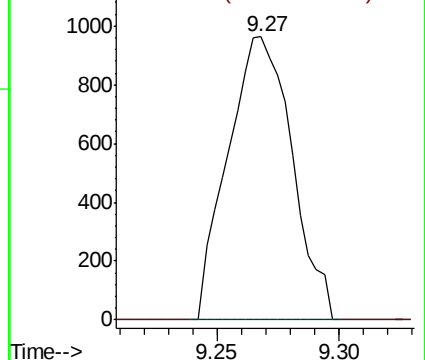
63 100

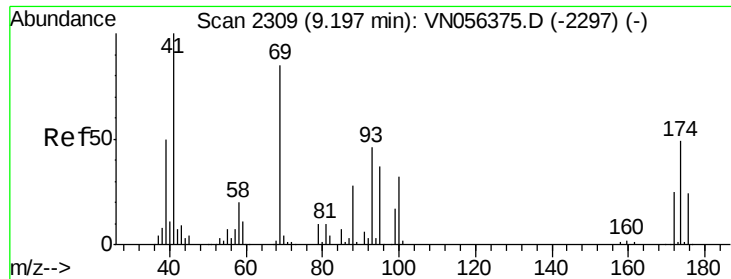
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN056375.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN056375.D (-2262) (-)

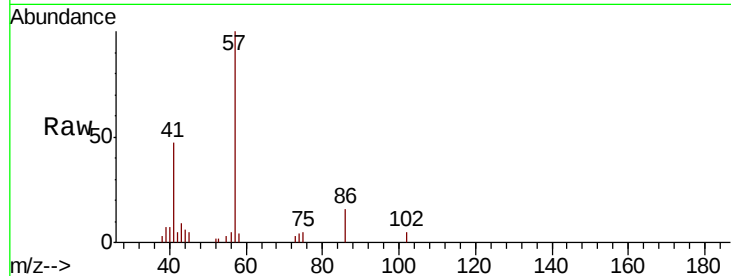




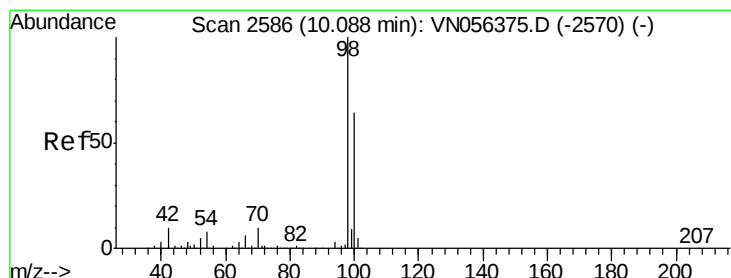
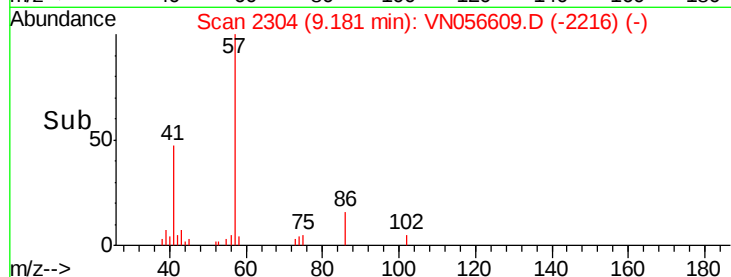
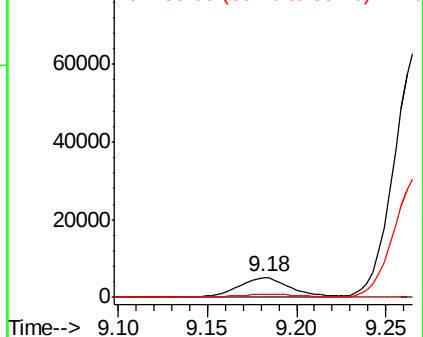
#48
Methvl methacrylate
Concen: 3.078 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056609.D
Acq: 8 Jul 2019 15:08

Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-T2

Tot Ion: 41 Resp: 10372
Ion Ratio Lower Upper
41 100
69 0.0 72.6 109.0#
39 17.8 42.6 63.8#

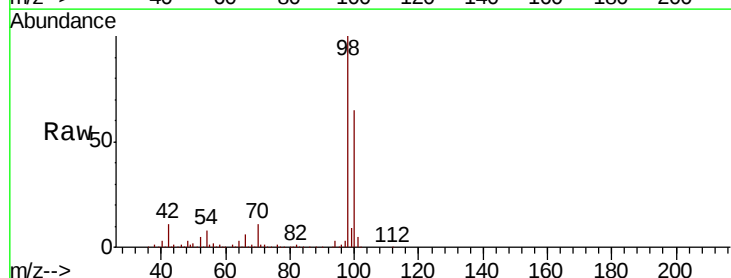


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

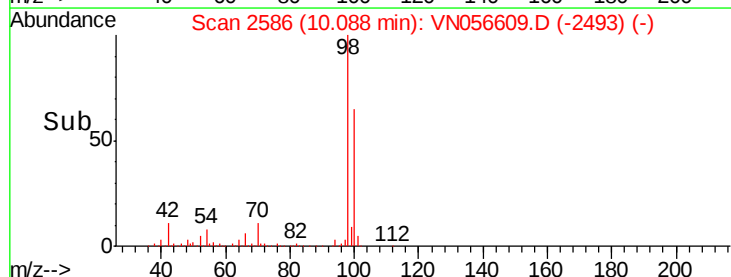
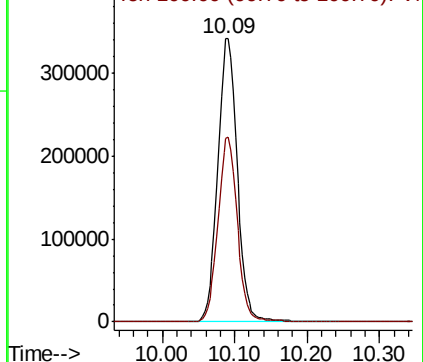


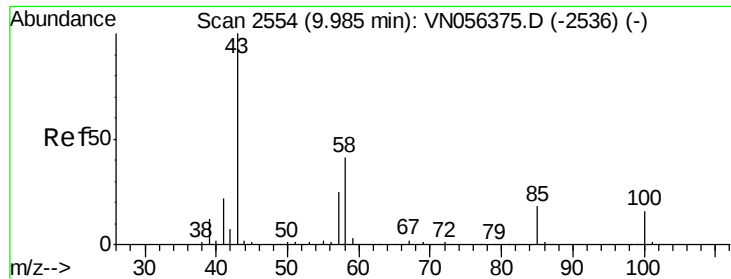
#50
Toluene-d8
Concen: 52.218 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056609.D
Acq: 8 Jul 2019 15:08

Tgt Ion: 98 Resp: 639064
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.121 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

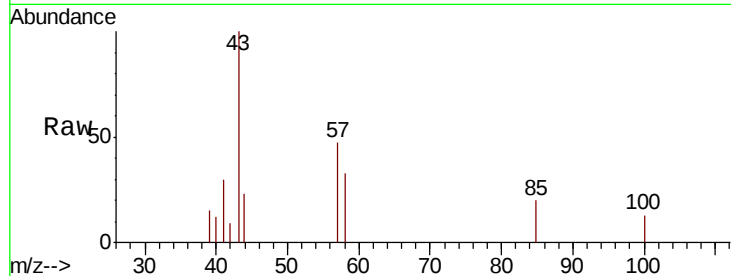
TRANSFORMER-T2

Tot Ion: 43 Resp: 4867

Ion Ratio Lower Upper

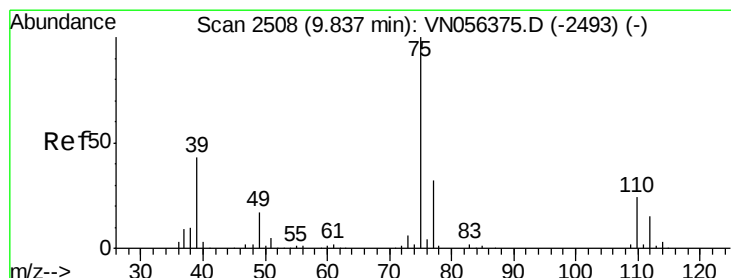
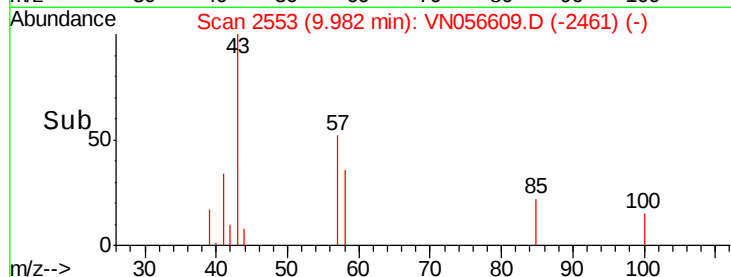
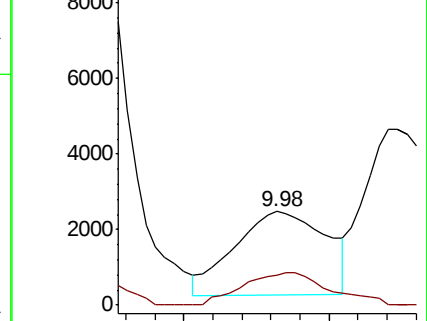
43 100

58 36.7 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 10.100 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

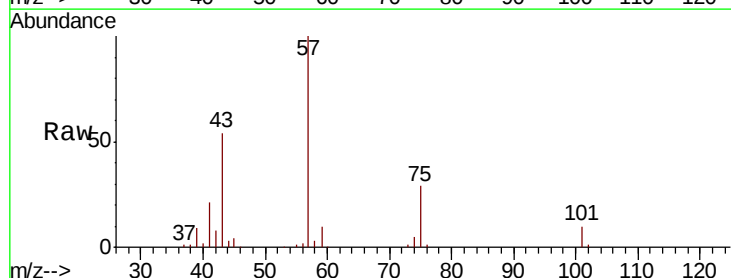
Tgt Ion: 75 Resp: 49268

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

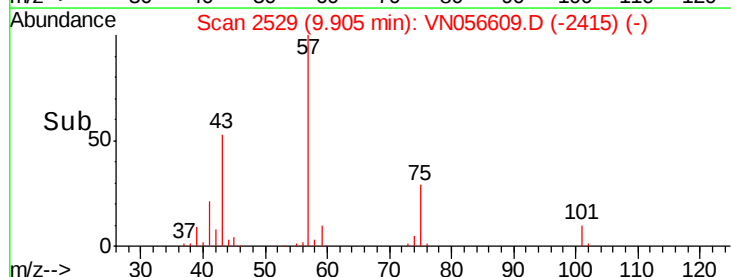
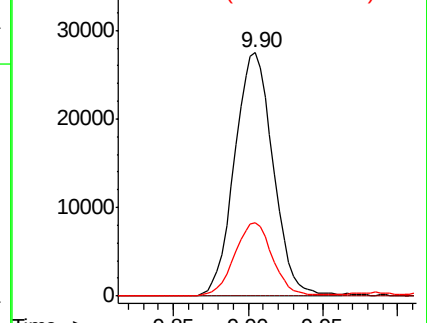
39 30.1 34.2 51.4#

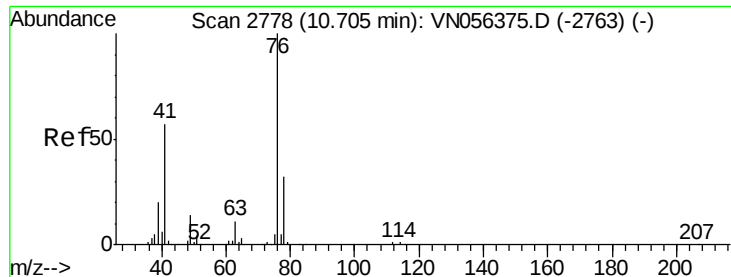


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

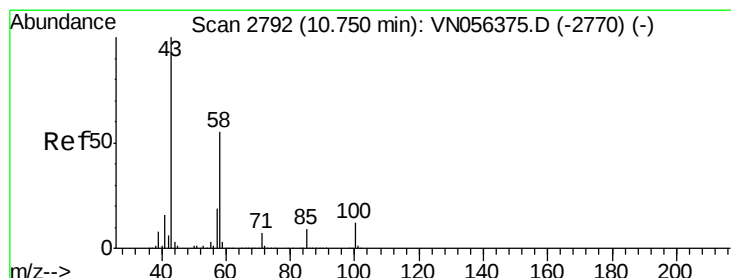
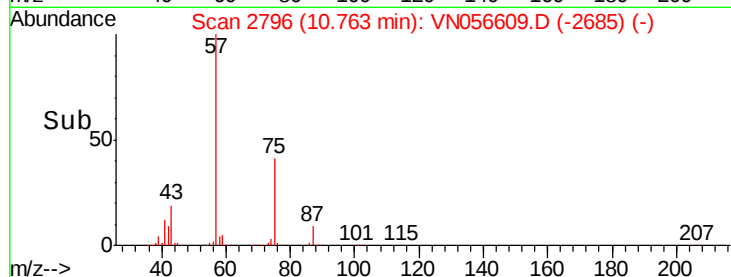
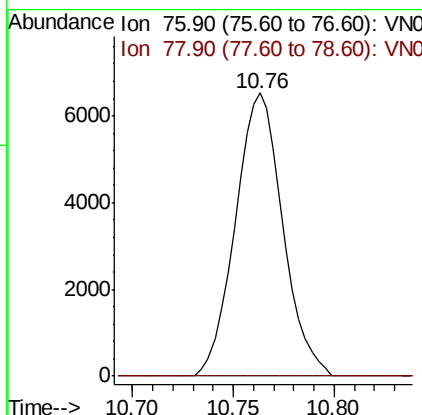
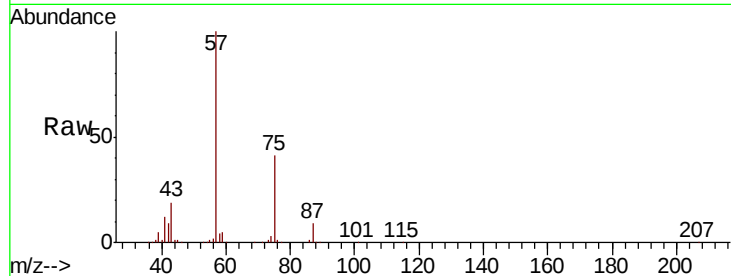




#57
 1,3-Dichloropropane
 Concen: 1.903 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056609.D
 Acq: 8 Jul 2019 15:08

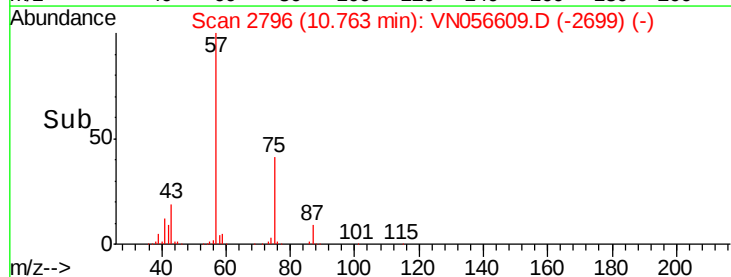
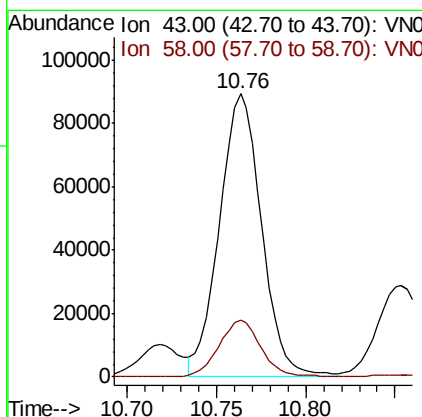
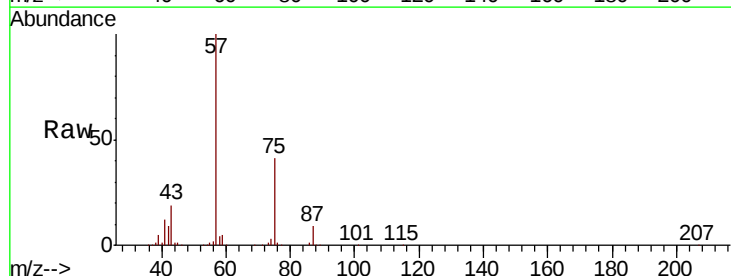
Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-T2

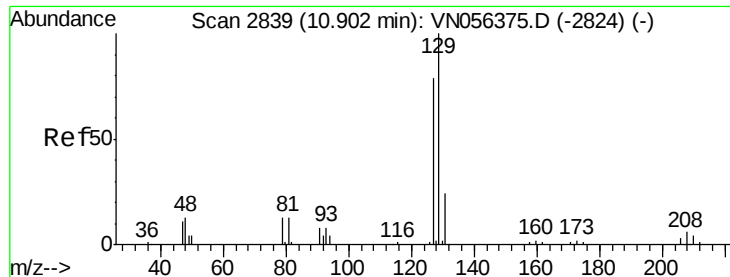
Tot Ion: 76 Resp: 10723
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#59
 2-Hexanone
 Concen: 45.457 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056609.D
 Acq: 8 Jul 2019 15:08

Tgt Ion: 43 Resp: 145008
 Ion Ratio Lower Upper
 43 100
 58 20.2 27.8 83.4#





#60

Dibromochloromethane

Concen: 2.398 ug/l

RT: 11.17 min Scan# 2922

Delta R.T. 0.27 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

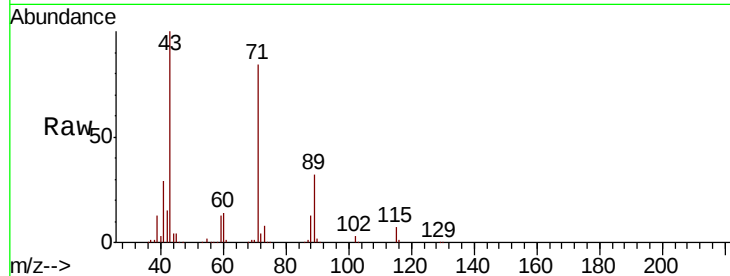
TRANSFORMER-T2

Tot Ion:129 Resp: 59

Ion Ratio Lower Upper

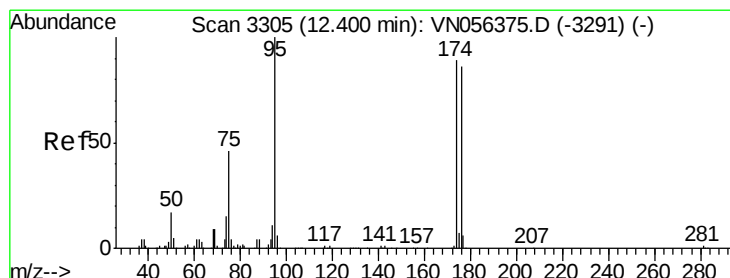
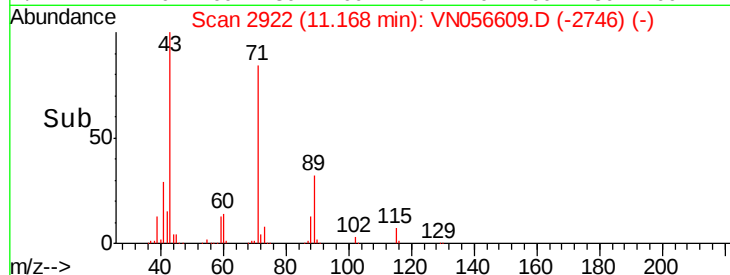
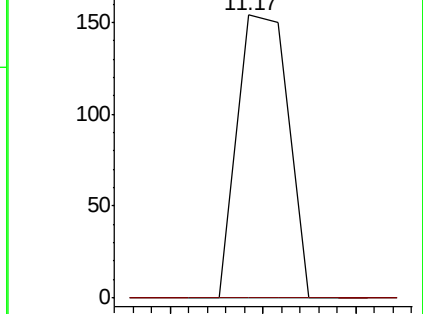
129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 58.411 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

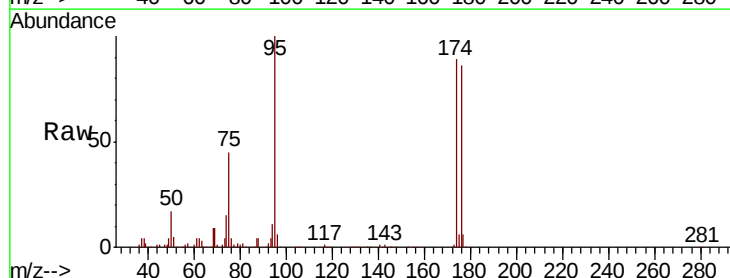
Tgt Ion: 95 Resp: 238301

Ion Ratio Lower Upper

95 100

174 88.9 0.0 179.4

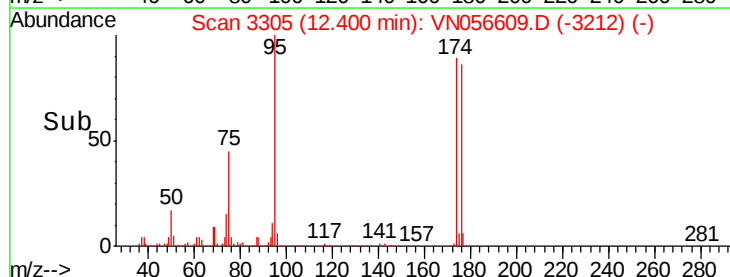
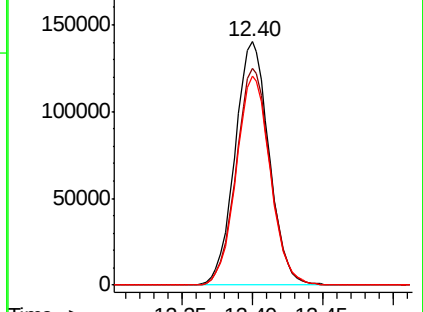
176 85.8 0.0 173.4

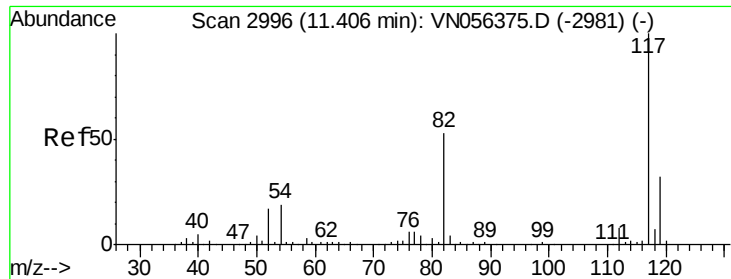


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

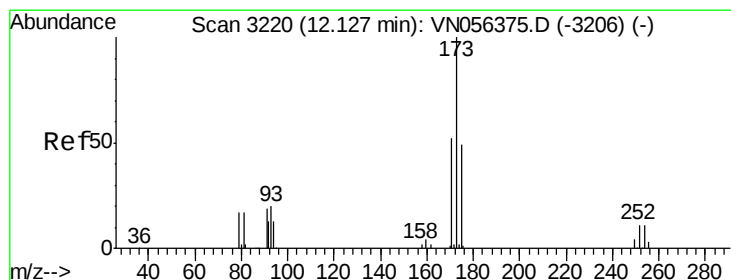
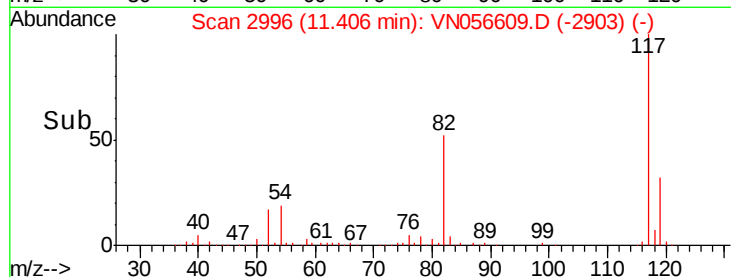
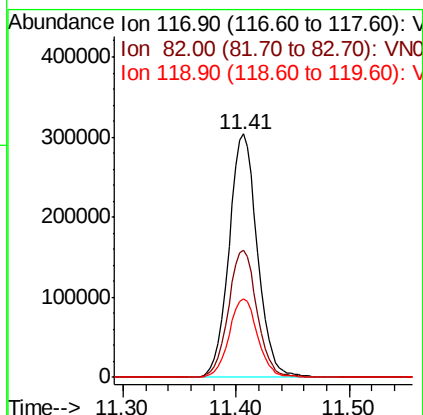
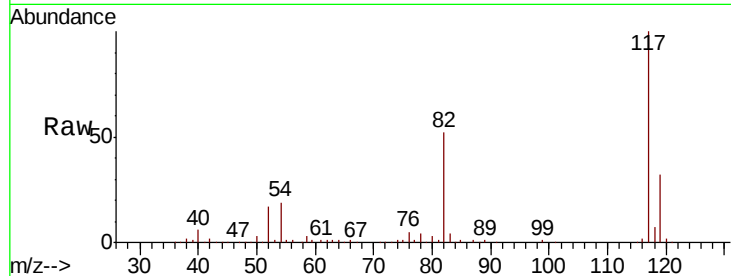




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056609.D
Acq: 8 Jul 2019 15:08

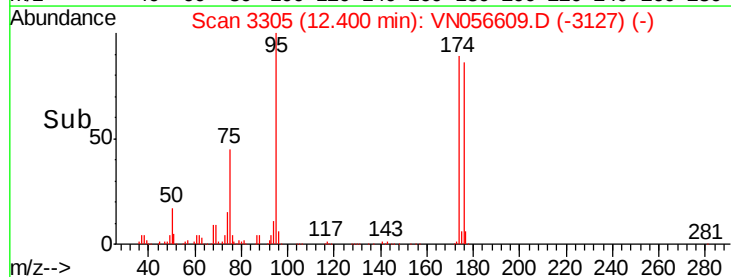
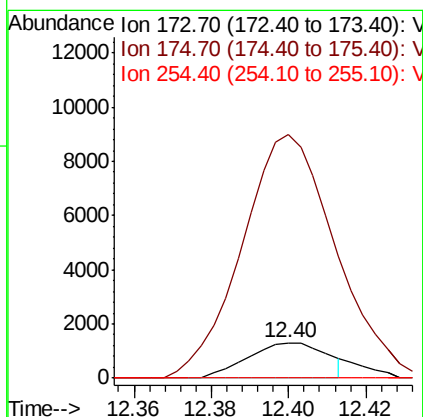
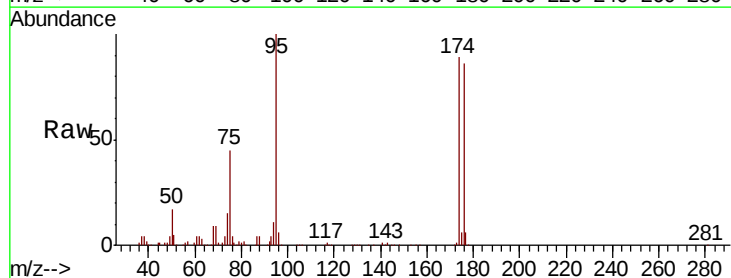
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-T2

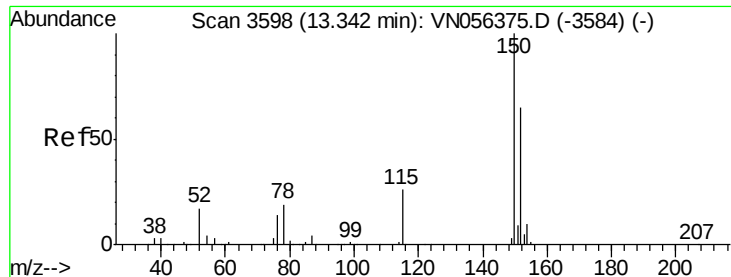
Tot Ion:117 Resp: 529445
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 32.1 25.3 37.9



#71
Bromoform
Concen: 3.737 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056609.D
Acq: 8 Jul 2019 15:08

Tgt Ion:173 Resp: 1841
Ion Ratio Lower Upper
173 100
175 726.2 24.4 73.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-T2

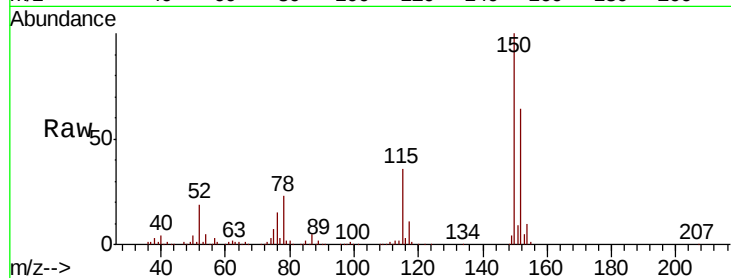
Tot Ion:152 Resp: 213005

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.4

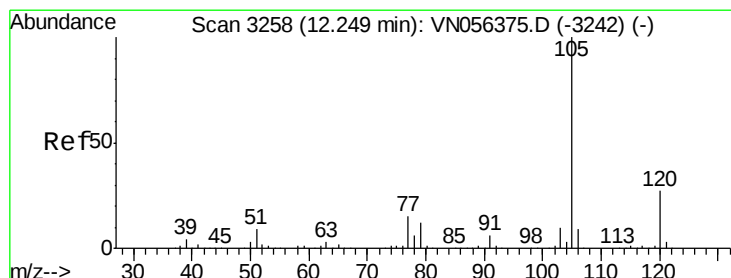
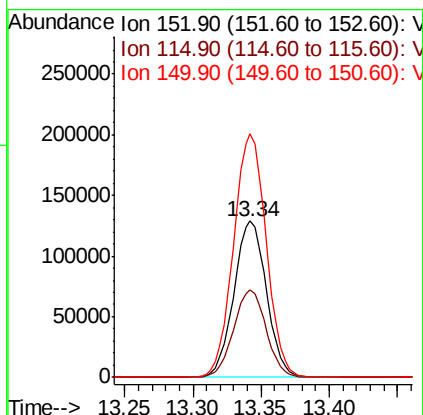
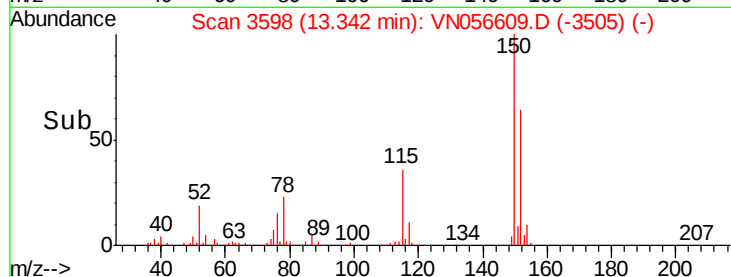
150 156.7 0.0 348.4



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# 3259

Delta R.T. 0.00 min

Lab File: VN056609.D

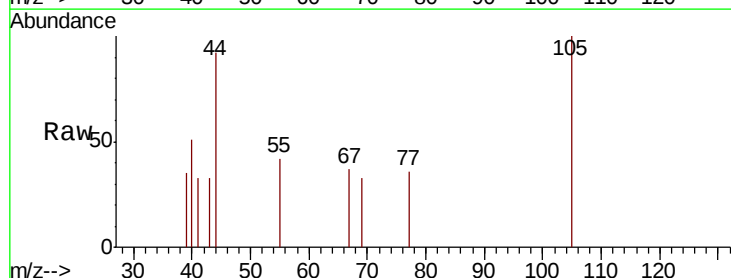
Acq: 8 Jul 2019 15:08

Tgt Ion:105 Resp: 750

Ion Ratio Lower Upper

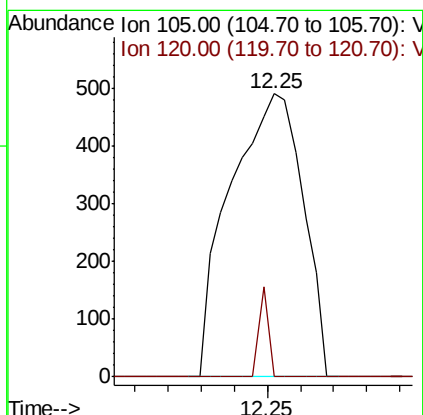
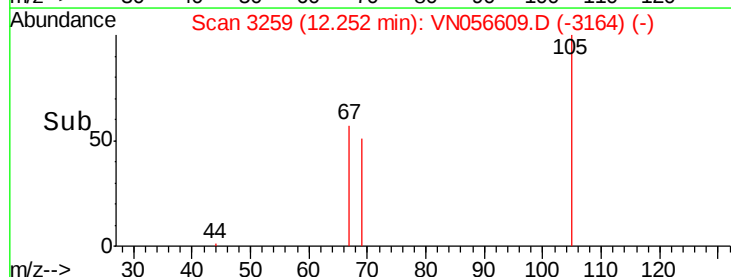
105 100

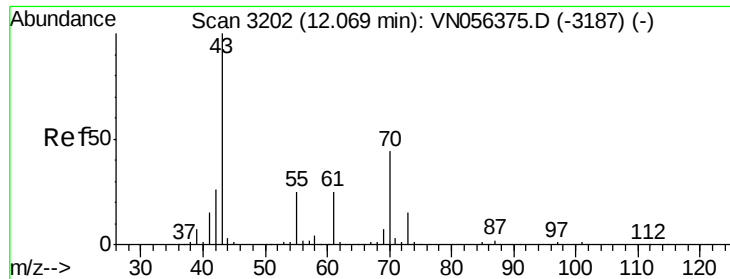
120 4.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.052 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-T2

Tot Ion: 43 Resp: 13908

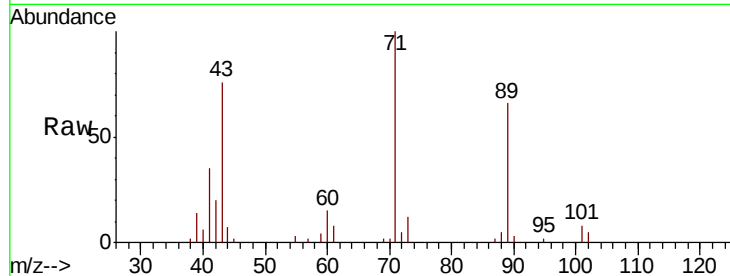
Ion Ratio Lower Upper

43 100

70 1.7 34.9 52.3#

55 4.2 20.4 30.6#

61 9.6 19.8 29.8#

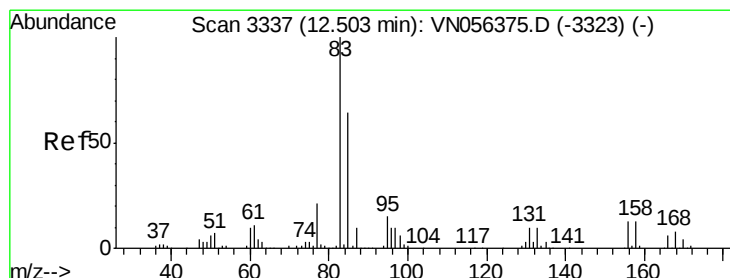
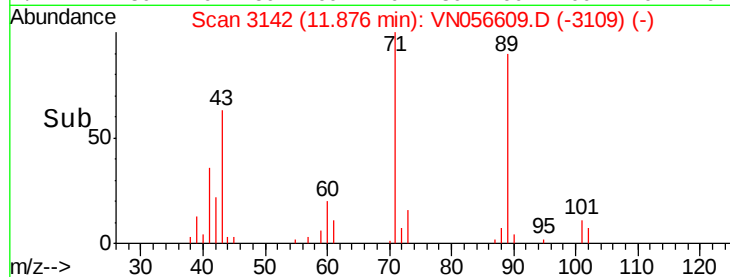
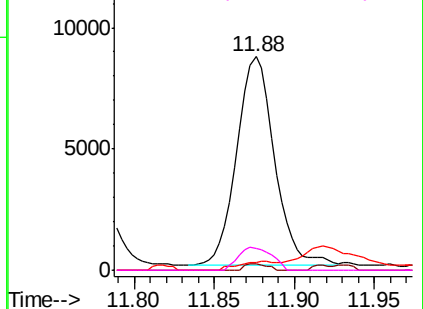


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.56 min Scan# 3355

Delta R.T. 0.06 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

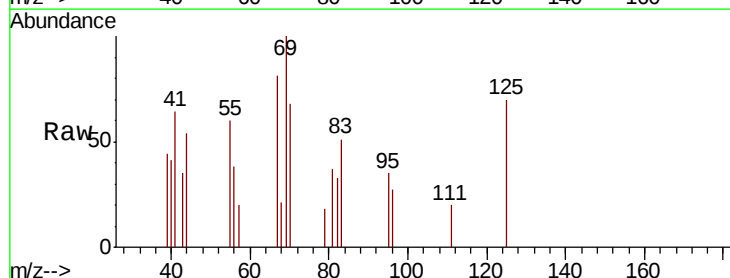
Tgt Ion: 83 Resp: 532

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

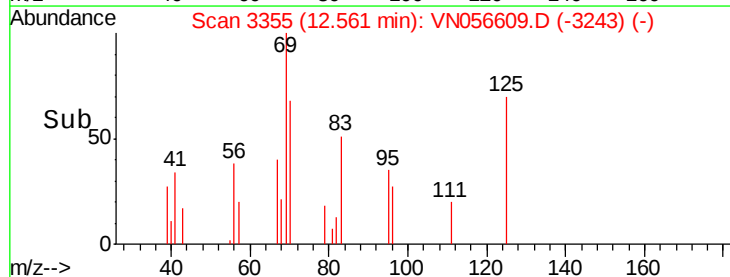
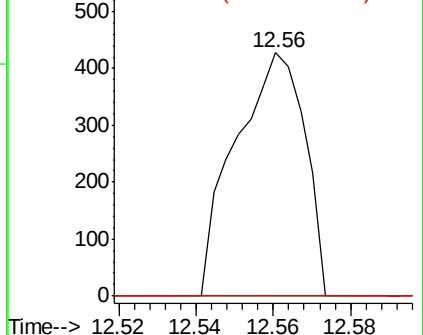
85 0.0 32.4 97.0#

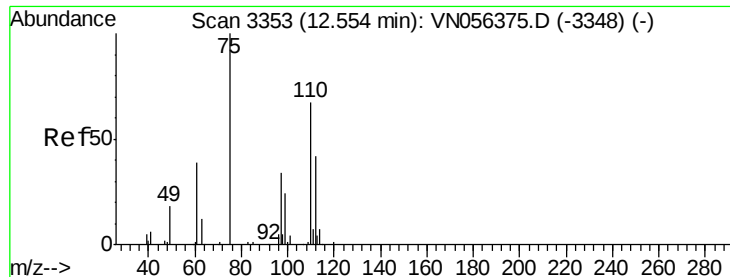


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 24.780 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

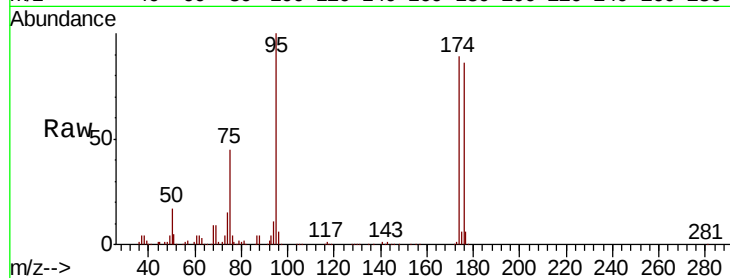
TRANSFORMER-T2

Tot Ion: 75 Resp: 109447

Ion Ratio Lower Upper

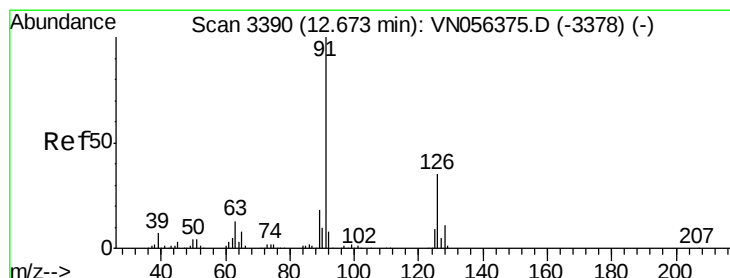
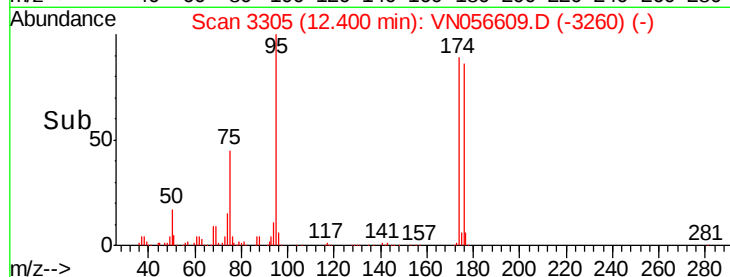
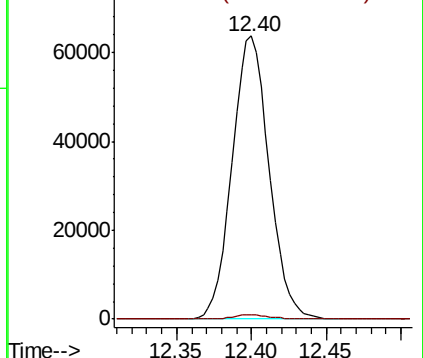
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN056609.D

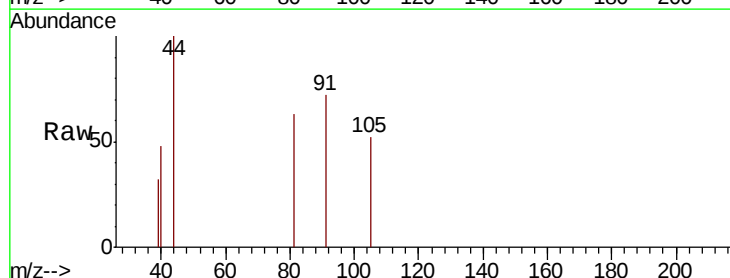
Acq: 8 Jul 2019 15:08

Tgt Ion: 91 Resp: 482

Ion Ratio Lower Upper

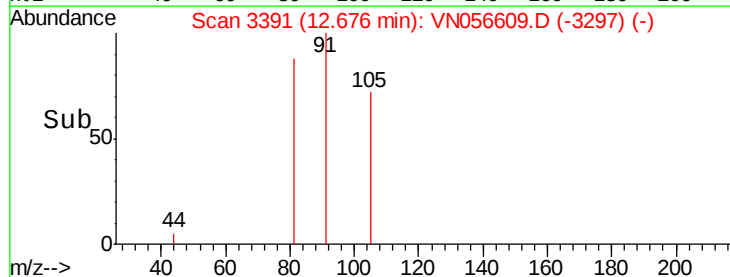
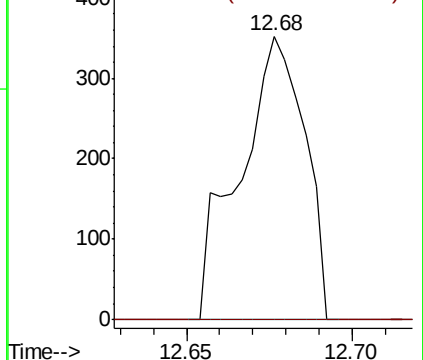
91 100

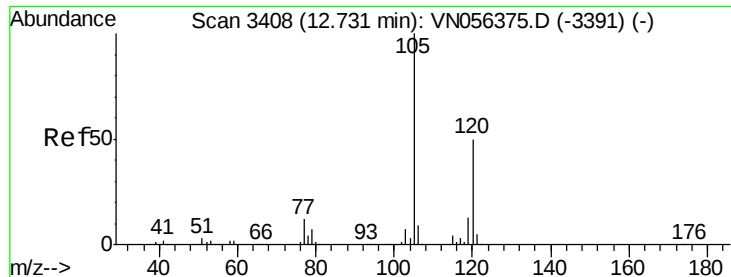
126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

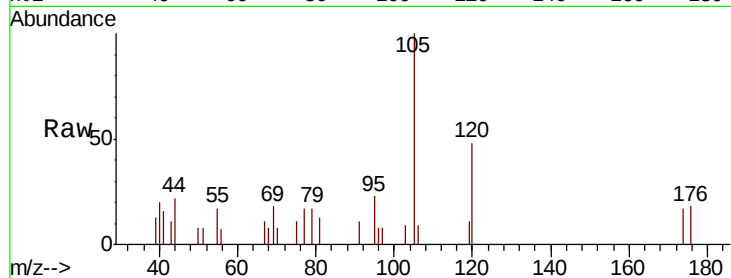
TRANSFORMER-T2

Tot Ion:105 Resp: 3624

Ion Ratio Lower Upper

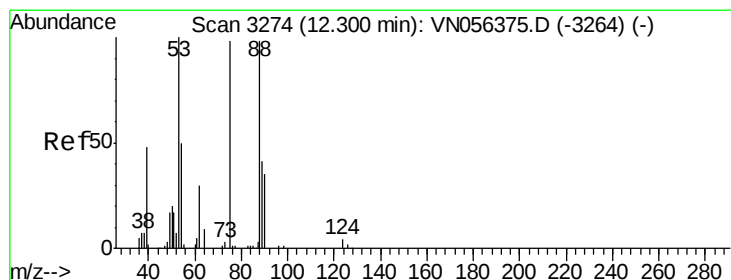
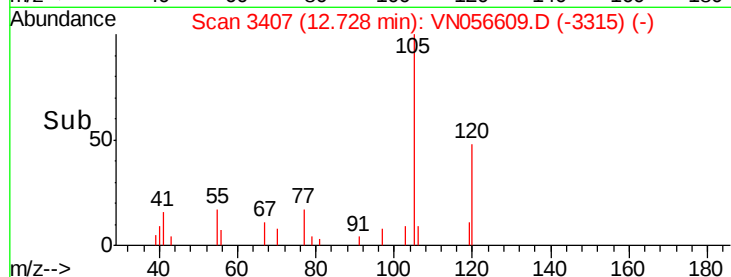
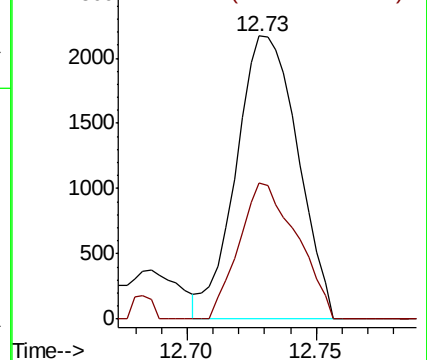
105 100

120 45.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 88.073 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

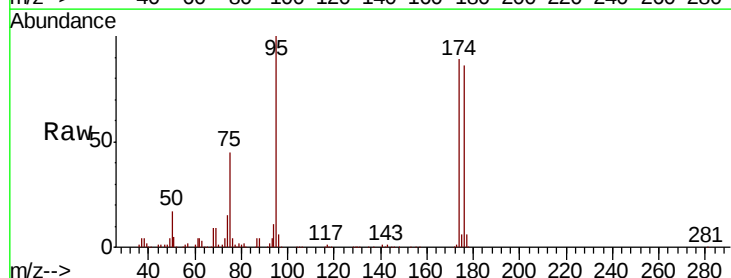
Tgt Ion: 75 Resp: 109447

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

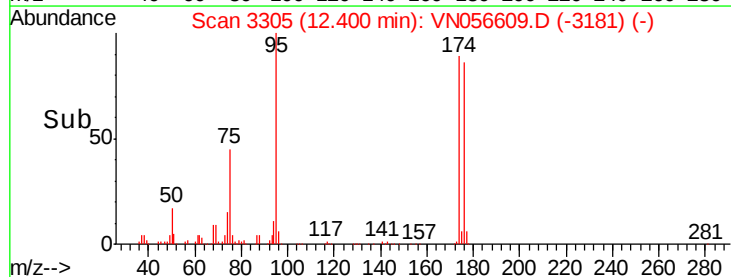
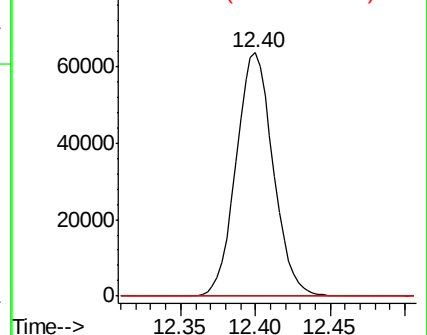
89 0.0 35.0 52.6#

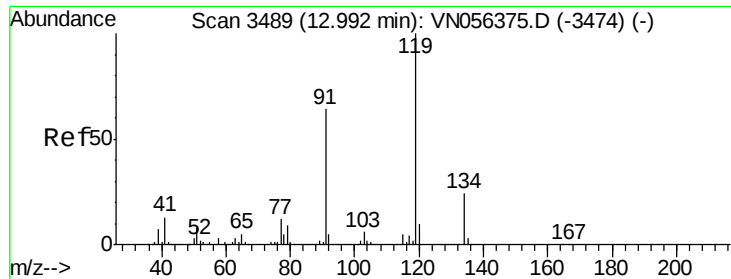


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

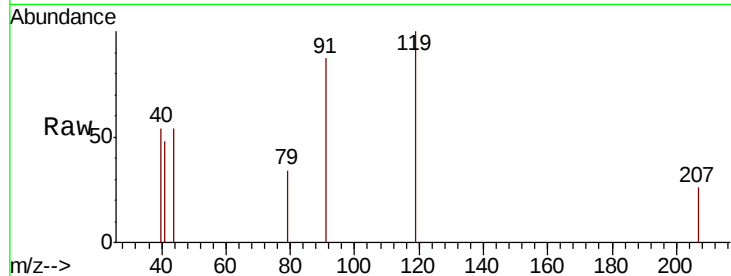




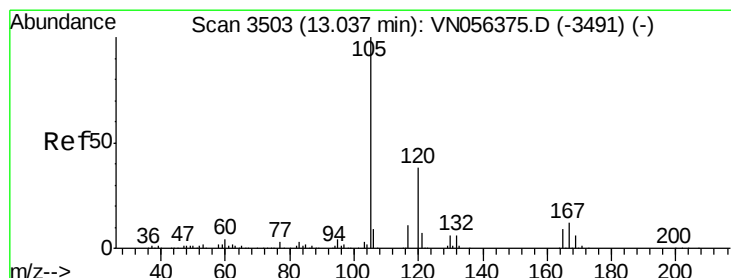
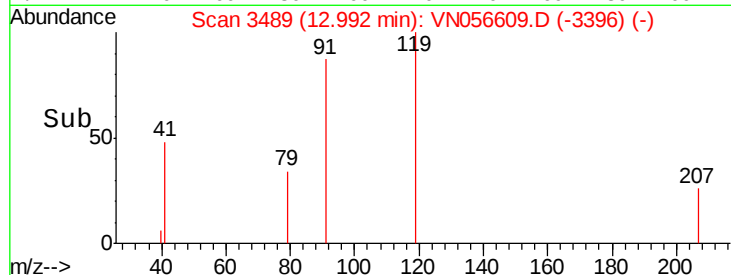
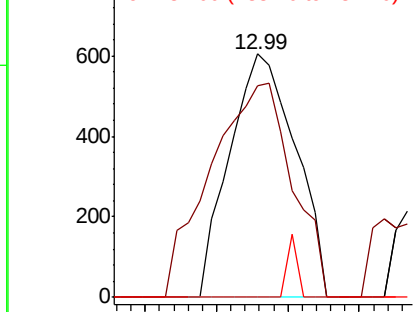
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056609.D
 Acq: 8 Jul 2019 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-T2

Tot Ion:119 Resp: 773
 Ion Ratio Lower Upper
 119 100
 91 109.4 31.6 94.7#
 134 0.0 13.2 39.5#

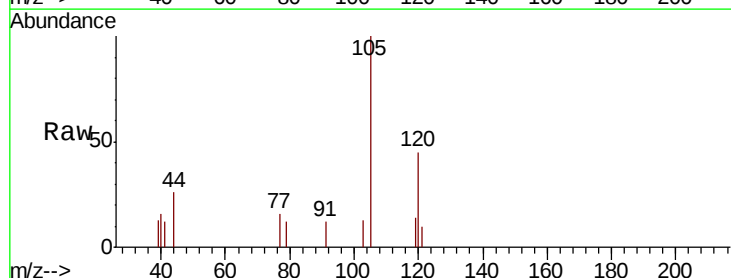


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

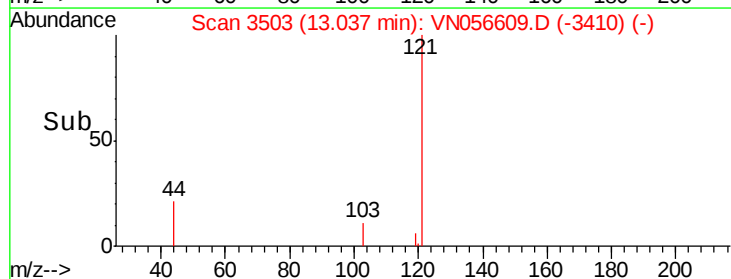
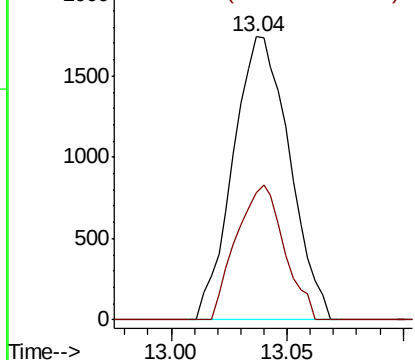


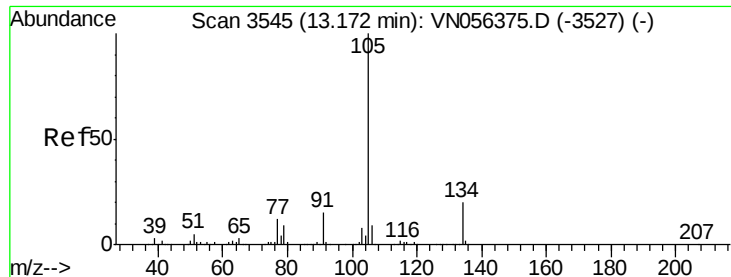
#84
 1,2,4-Trimethylbenzene
 Concen: 0.206 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056609.D
 Acq: 8 Jul 2019 15:08

Tgt Ion:105 Resp: 2947
 Ion Ratio Lower Upper
 105 100
 120 40.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

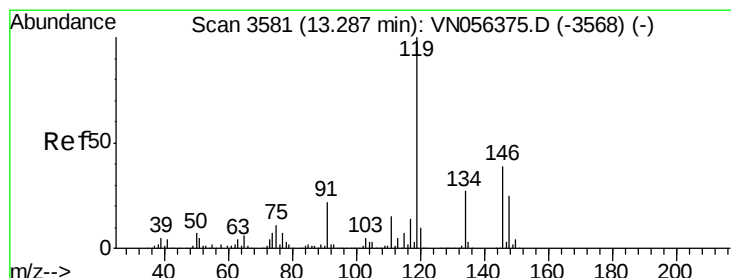
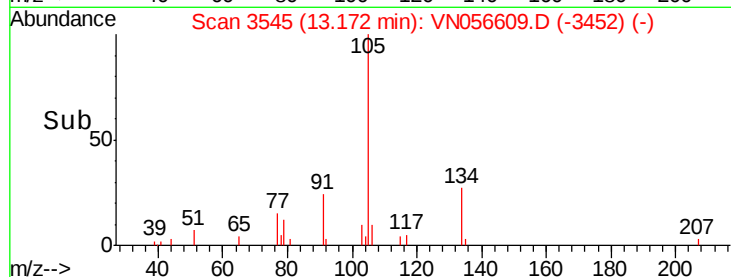
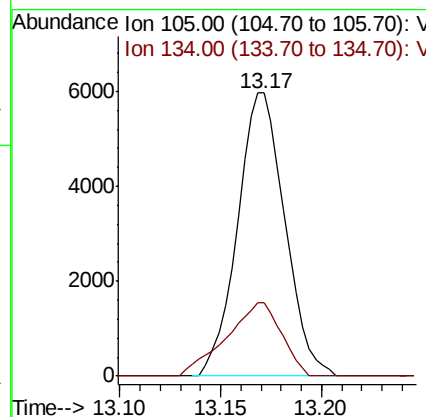
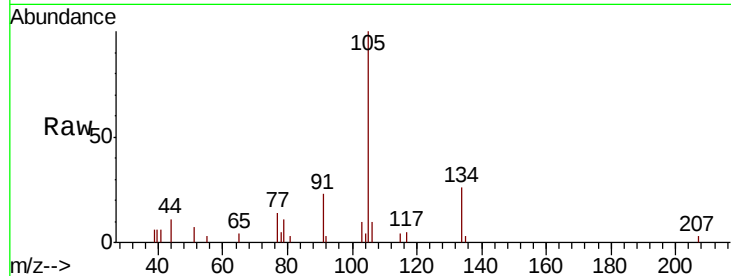




#85
 sec-Butylbenzene
 Concen: 0.572 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056609.D
 Acq: 8 Jul 2019 15:08

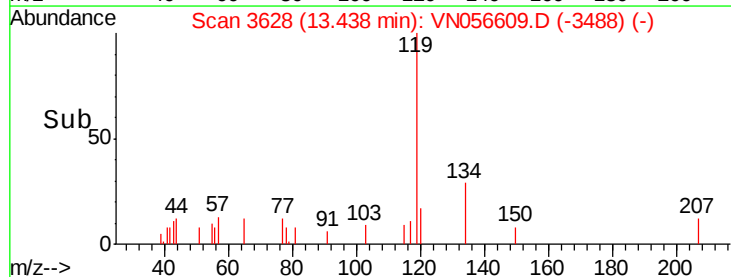
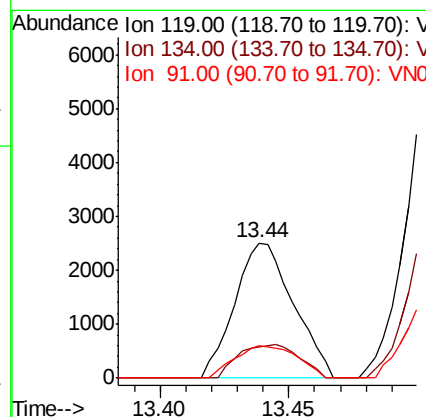
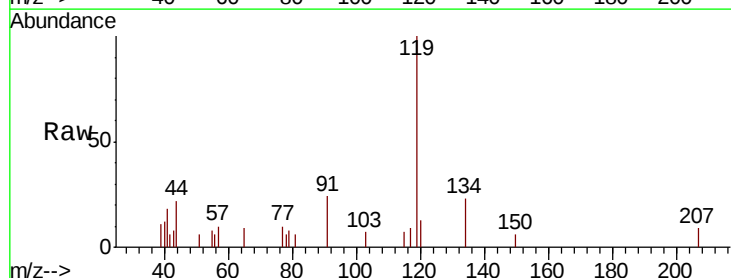
Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-T2

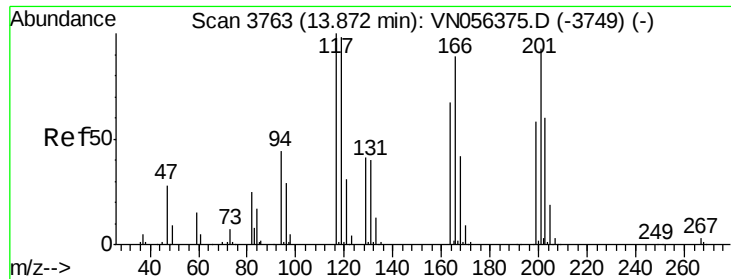
Tot Ion:105 Resp: 9799
 Ion Ratio Lower Upper
 105 100
 134 29.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.270 ug/l
 RT: 13.44 min Scan# 3628
 Delta R.T. 0.15 min
 Lab File: VN056609.D
 Acq: 8 Jul 2019 15:08

Tgt Ion:119 Resp: 3966
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.5 40.4
 91 25.7 11.2 33.5





#90

Hexachloroethane

Concen: 2.078 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument:

MSVOA_N

ClientSampleId:

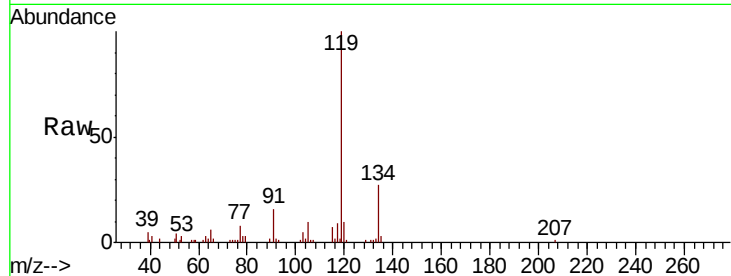
TRANSFORMER-T2

Tot Ion:117 Resp: 4766

Ion Ratio Lower Upper

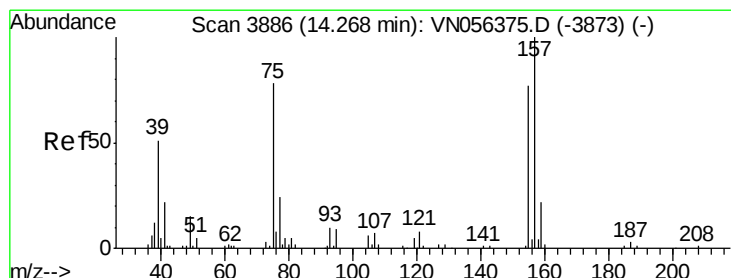
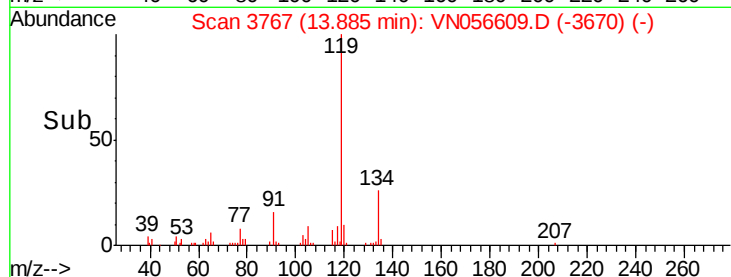
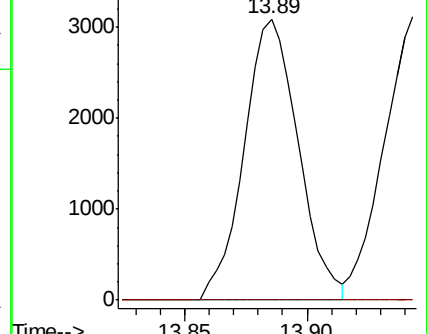
117 100

201 0.0 45.9 137.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.245 ug/l

RT: 13.99 min Scan# 3800

Delta R.T. -0.28 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

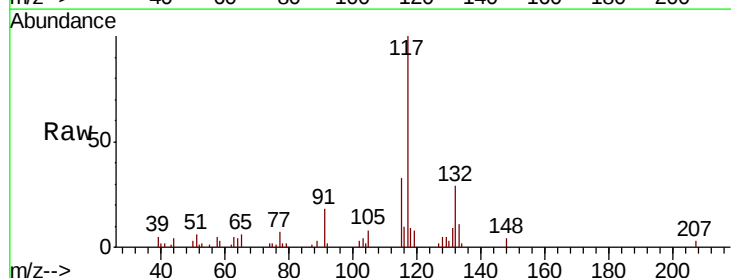
Tgt Ion: 75 Resp: 193

Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.8#

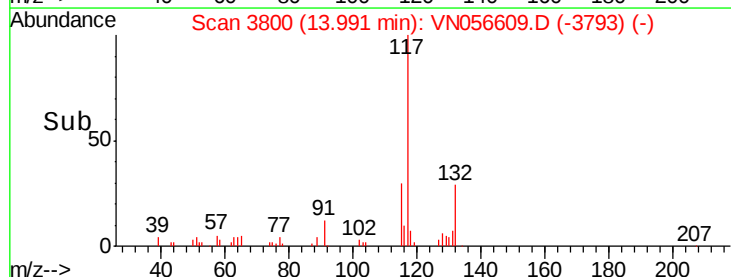
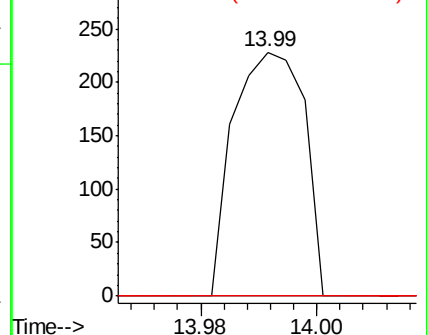
157 0.0 62.9 188.8#

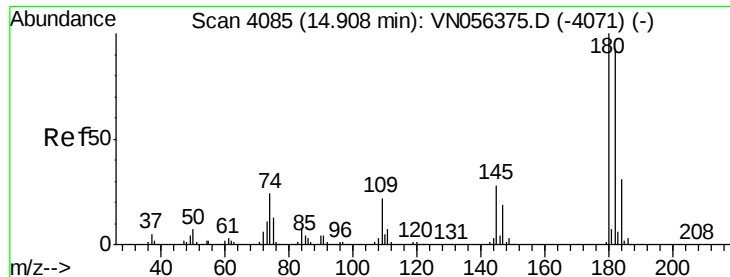


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 5.803 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-T2

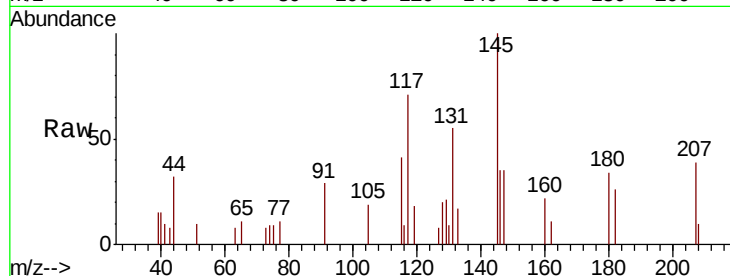
Tot Ion:180 Resp: 793

Ion Ratio Lower Upper

180 100

182 93.2 46.9 140.6

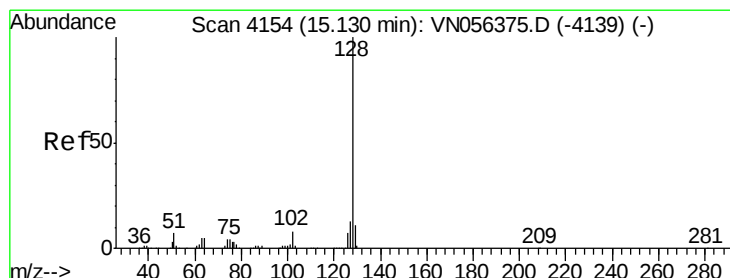
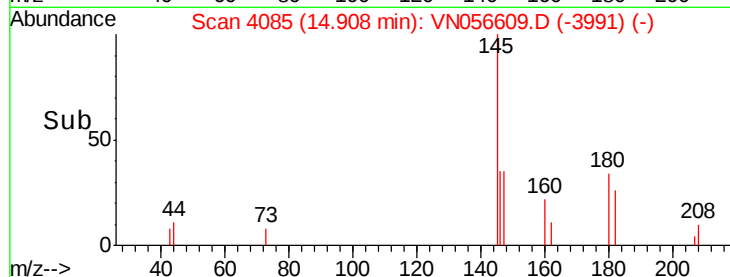
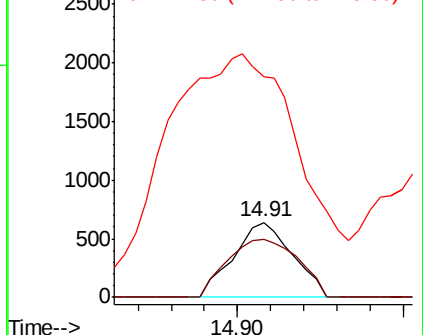
145 738.3 14.4 43.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 5.713 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056609.D

Acq: 8 Jul 2019 15:08

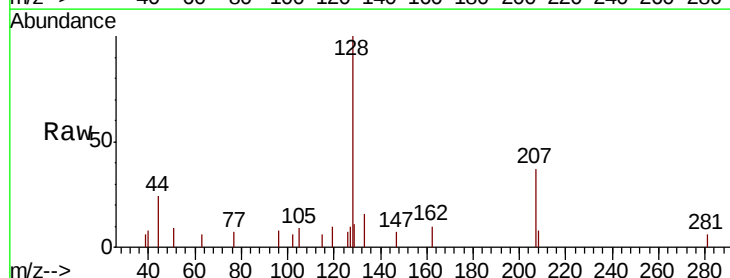
Tgt Ion:128 Resp: 5104

Ion Ratio Lower Upper

128 100

127 8.8 10.2 15.2#

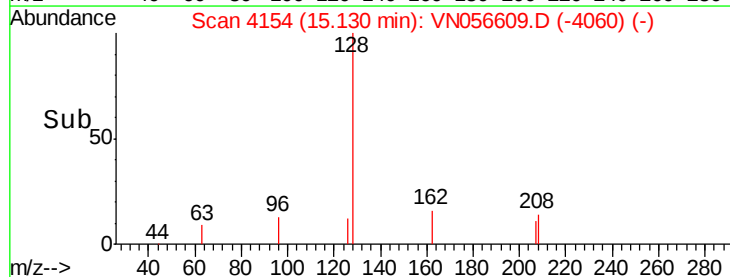
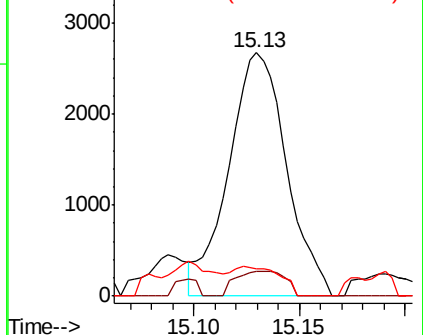
129 9.3 8.6 12.8

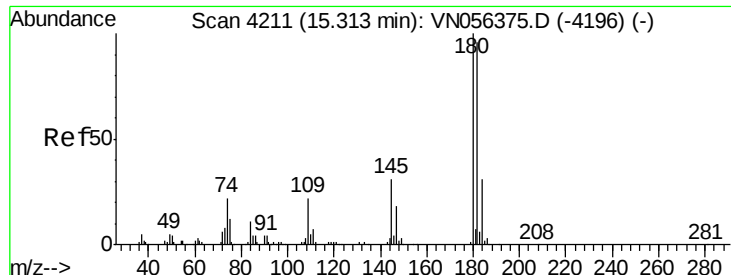


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.665 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN056609.D
 Acq: 8 Jul 2019 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-T2

Tot Ion	Ratio	Lower	Upper
180	100		
182	127.2	48.3	144.8
145	0.0	15.4	46.1#

