

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
 Data File : VN057366.D
 Acq On : 16 Aug 2019 20:24
 Operator : JC/SP
 Sample : K4383-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1359

Quant Time: Aug 17 03:45:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1117186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1563710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1329302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	356242	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	514624	42.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.74%	
35) Dibromofluoromethane	7.58	113	462806	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
50) Toluene-d8	10.09	98	1813137	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	501246	37.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	3252	1.883	ug/l #	73
16) Acetone	3.81	43	15402	3.656	ug/l	95
18) Methyl Acetate	4.32	43	19372	Below Cal	#	82
20) Methylene Chloride	4.55	84	77048	6.536	ug/l	97
30) Chloroform	7.36	83	16181	0.809	ug/l	100
31) Cyclohexane	7.66	56	16122	0.974	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	66221	4.796	ug/l #	47
38) Carbon Tetrachloride	7.66	117	94889	6.615	ug/l #	16
43) Isopropyl Acetate	8.16	43	194834	8.485	ug/l #	85
45) 1,2-Dichloropropane	9.26	63	3657	0.336	ug/l #	44
47) Bromodichloromethane	9.40	83	3153	0.219	ug/l	89
48) Methyl methacrylate	9.18	41	8008	0.860	ug/l #	11
49) 1,4-Dioxane	9.26	88	515	2.630	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	9903	0.849	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	75392	4.393	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	12362	0.716	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	30	16.566	ug/l #	46
59) 2-Hexanone	10.76	43	156080	18.610	ug/l #	51
71) Bromoform	12.40	173	4204	0.513	ug/l #	1
73) Isopropylbenzene	12.25	105	1474	Below Cal	#	61
74) N-amyl acetate	12.02	43	5520	0.534	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	228407	31.887	ug/l #	100
77) Bromobenzene	12.52	156	237	Below Cal		69
79) 2-Chlorotoluene	12.77	91	1167	Below Cal		83
80) 1,3,5-Trimethylbenzene	12.73	105	11627	Below Cal		96
81) trans-1,4-Dichloro-2-buten	12.40	75	228407	78.181	ug/l #	15
83) tert-Butylbenzene	13.00	119	654	Below Cal	#	84
84) 1,2,4-Trimethylbenzene	13.04	105	7018	0.274	ug/l	96
85) sec-Butylbenzene	13.18	105	2344	Below Cal		84
90) Hexachloroethane	13.89	117	414	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	1167	5.580	ug/l #	70
94) Hexachlorobutadiene	15.01	225	496	Below Cal	#	51
95) Naphthalene	15.13	128	4426	Below Cal	#	85
96) 1,2,3-Trichlorobenzene	15.29	180	1301	Below Cal		85

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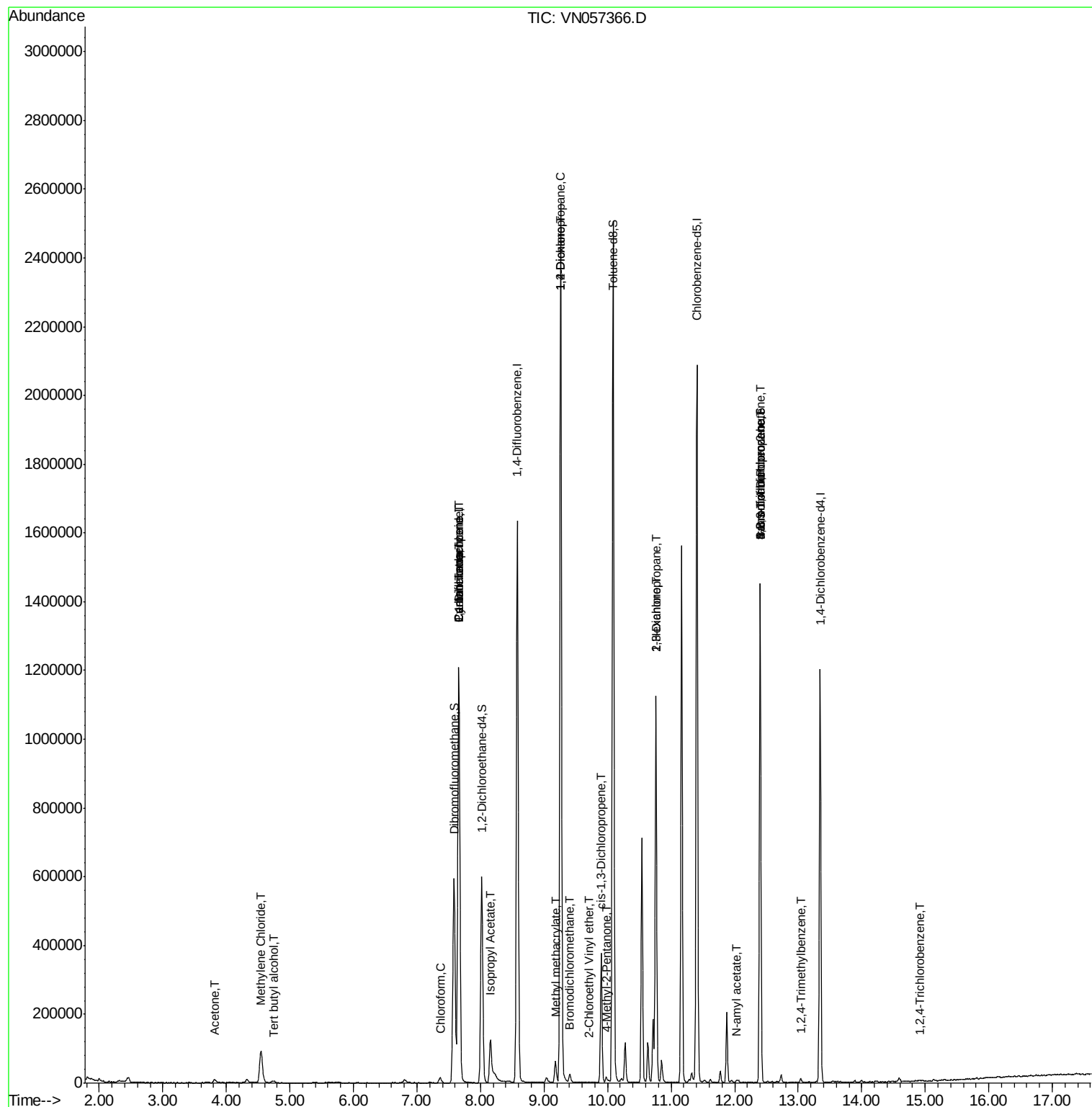
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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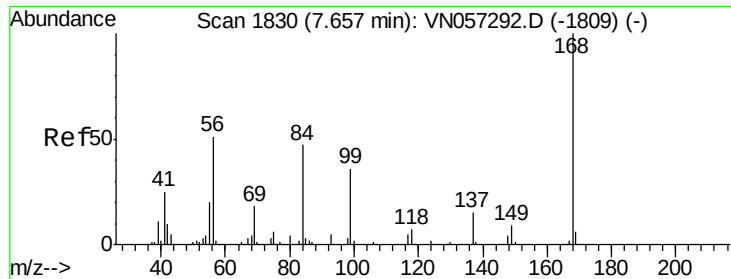
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

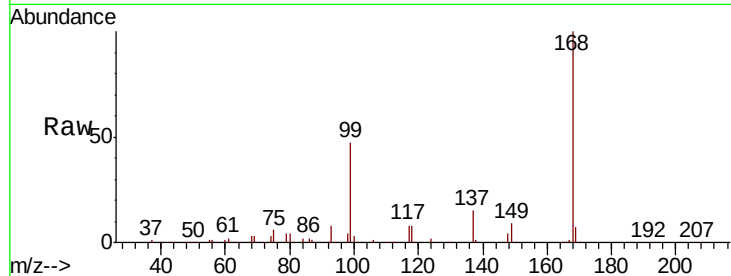
TP-1359

Tgt Ion:168 Resp: 1117186

Ion Ratio Lower Upper

168 100

99 47.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

500000

400000

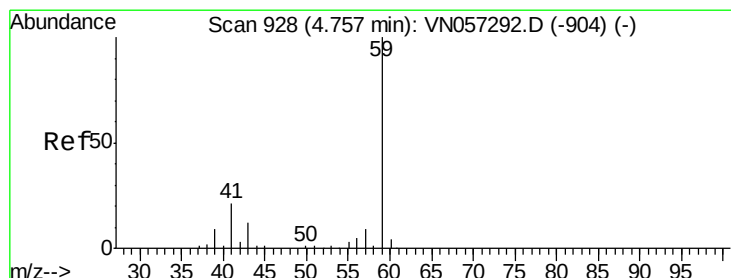
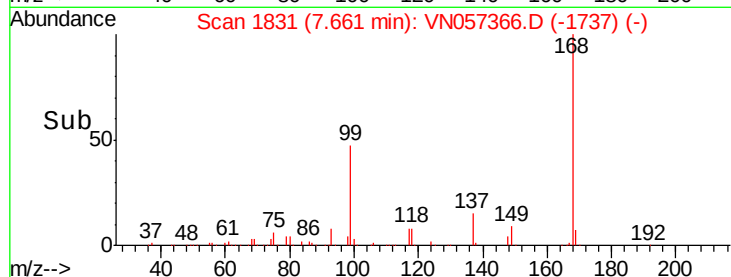
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 1.883 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.02 min

Lab File: VN057366.D

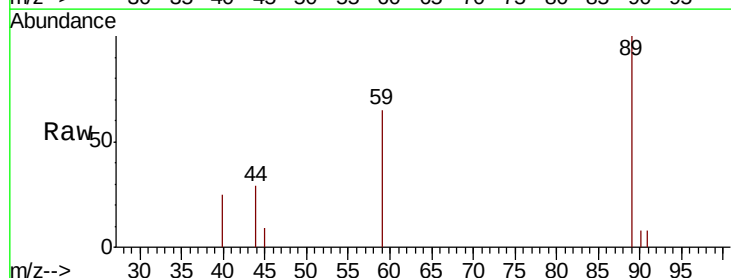
Acq: 16 Aug 2019 20:24

Tgt Ion: 59 Resp: 3252

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

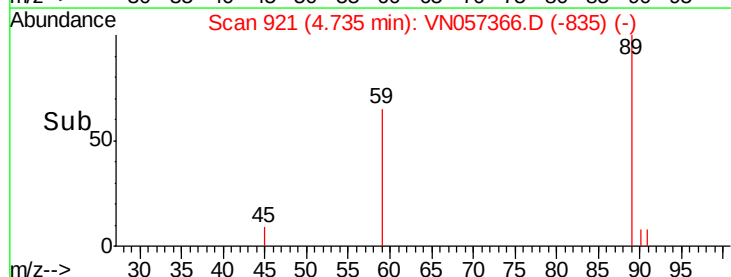
1500

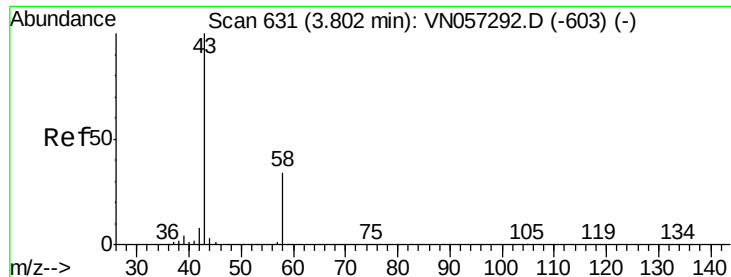
1000

500

0

Time--> 4.65 4.70 4.75





#16

Acetone

Concen: 3.656 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

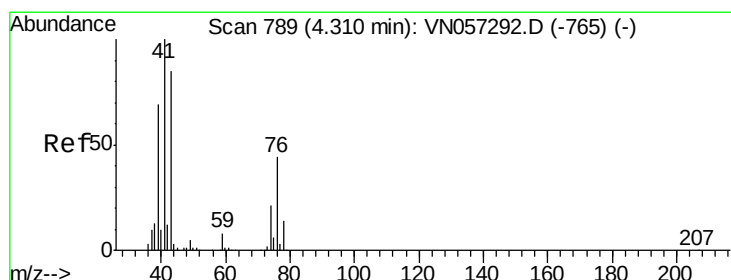
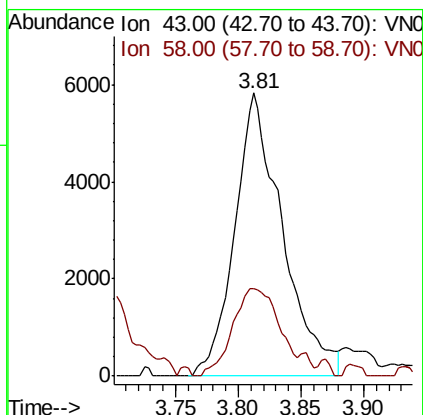
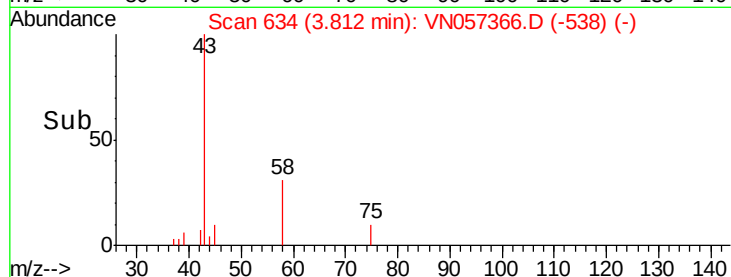
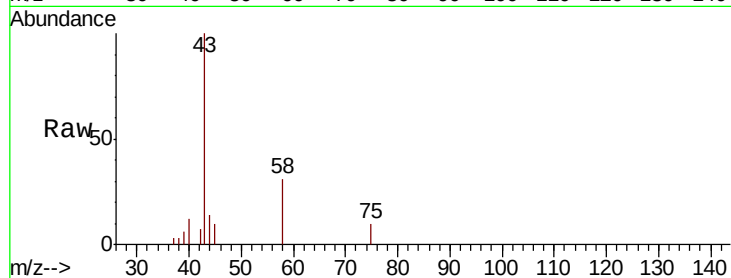
TP-1359

Tgt Ion: 43 Resp: 15402

Ion Ratio Lower Upper

43 100

58 30.8 27.0 40.6



#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN057366.D

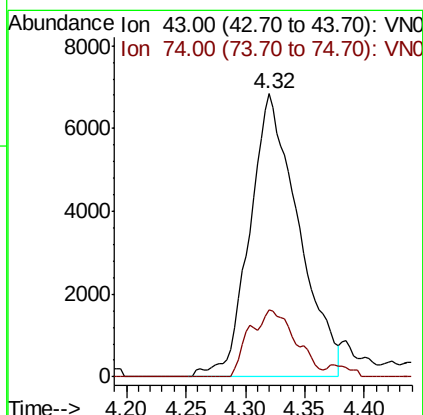
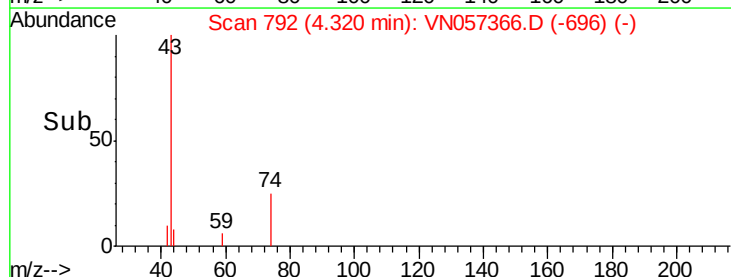
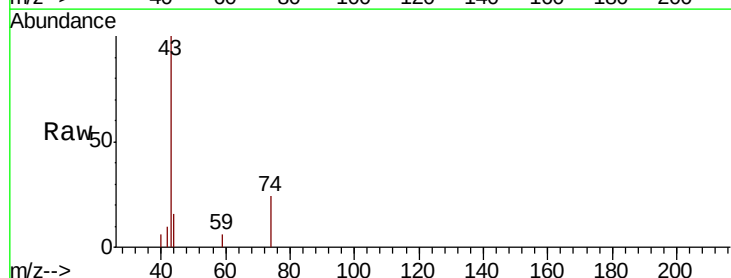
Acq: 16 Aug 2019 20:24

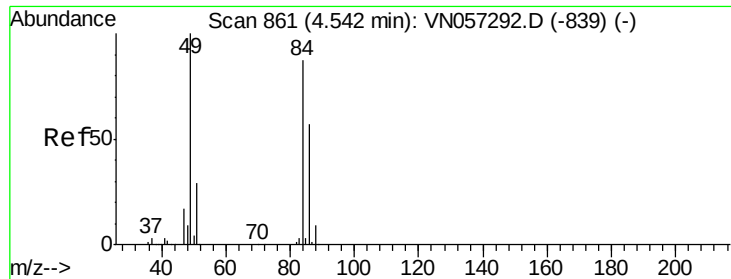
Tgt Ion: 43 Resp: 19372

Ion Ratio Lower Upper

43 100

74 16.4 20.2 30.2#

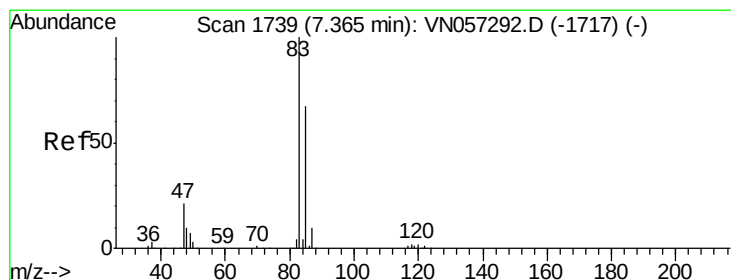
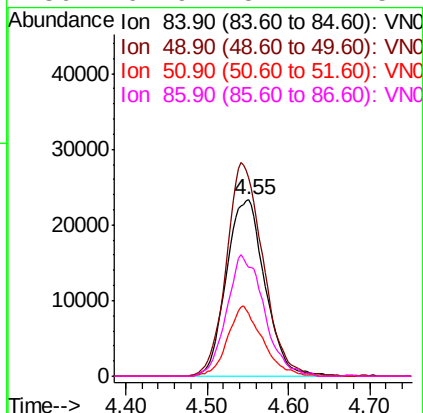
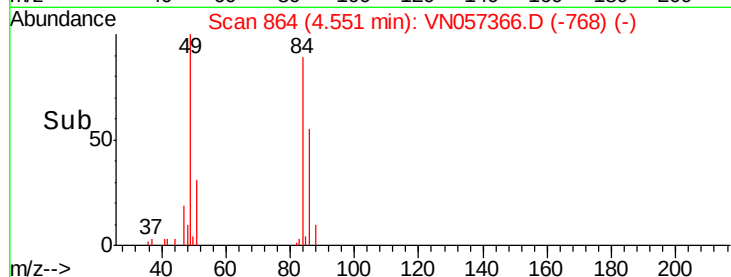
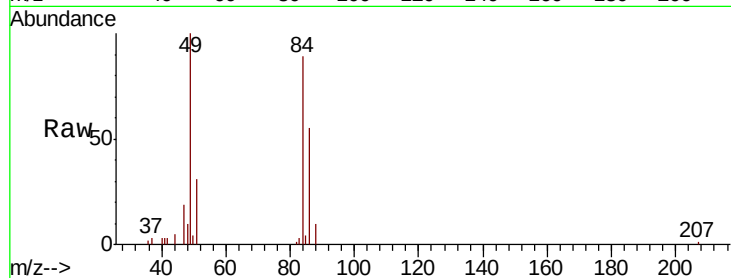




#20
Methylene Chloride
Concen: 6.536 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN057366.D
Acq: 16 Aug 2019 20:24

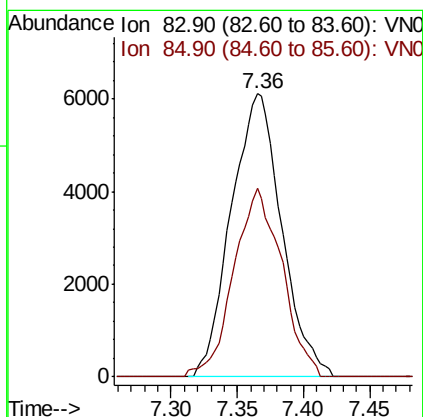
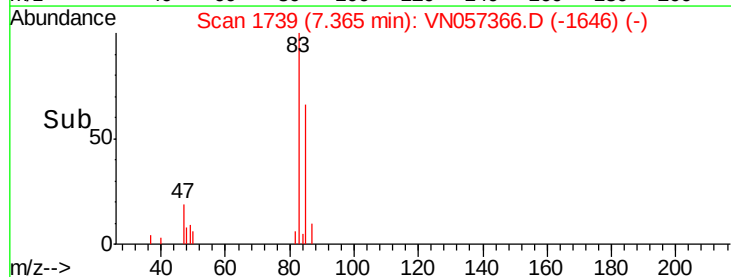
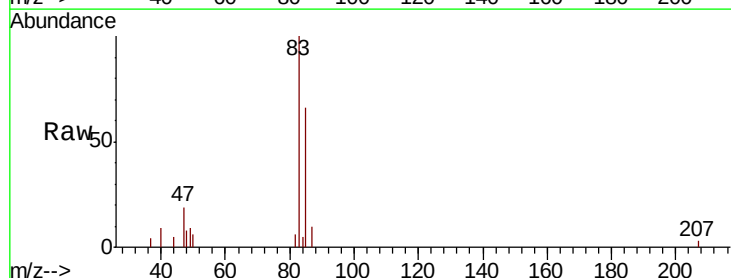
Instrument :
MSVOA_N
ClientSampled :
TP-1359

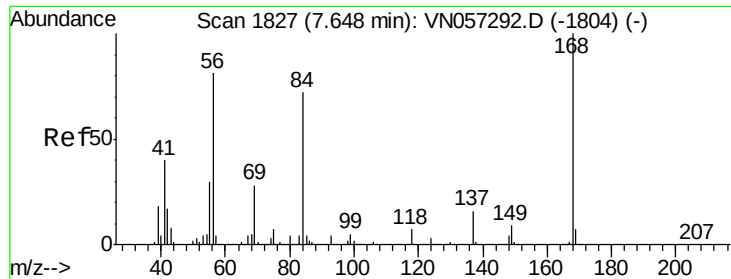
Tgt Ion: 84 Resp: 77048
Ion Ratio Lower Upper
84 100
49 112.2 92.0 138.0
51 35.3 27.1 40.7
86 61.9 52.2 78.2



#30
Chloroform
Concen: 0.809 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN057366.D
Acq: 16 Aug 2019 20:24

Tgt Ion: 83 Resp: 16181
Ion Ratio Lower Upper
83 100
85 66.4 53.3 79.9





#31

Cyclohexane

Concen: 0.974 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

TP-1359

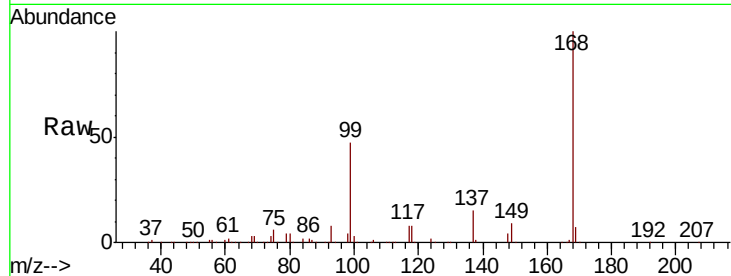
Tgt Ion: 56 Resp: 16122

Ion Ratio Lower Upper

56 100

69 195.5 27.3 40.9#

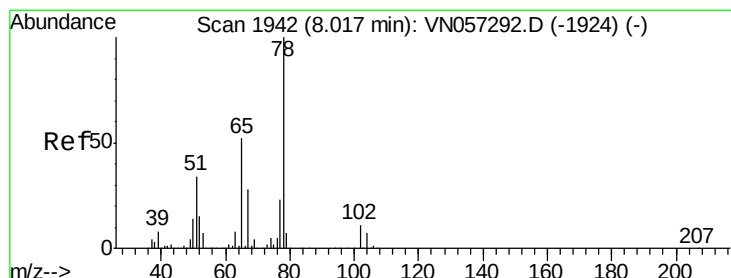
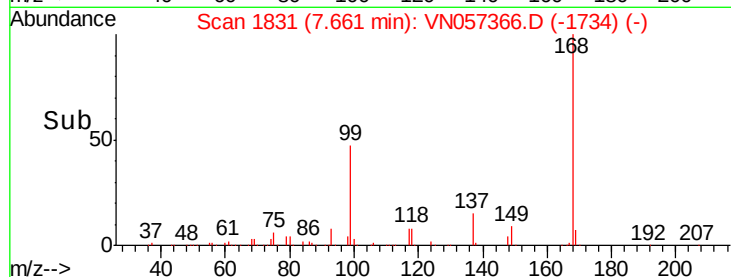
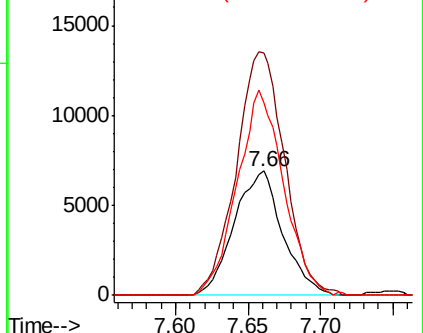
84 154.9 71.0 106.6#



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: 42.373 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057366.D

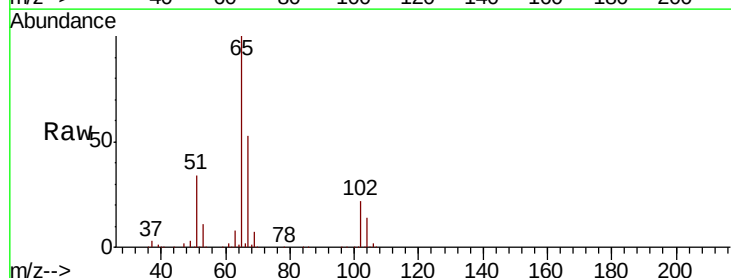
Acq: 16 Aug 2019 20:24

Tgt Ion: 65 Resp: 514624

Ion Ratio Lower Upper

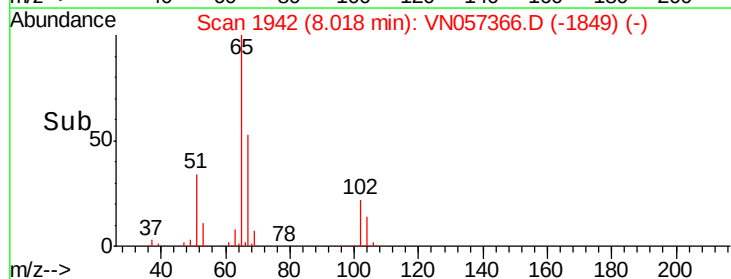
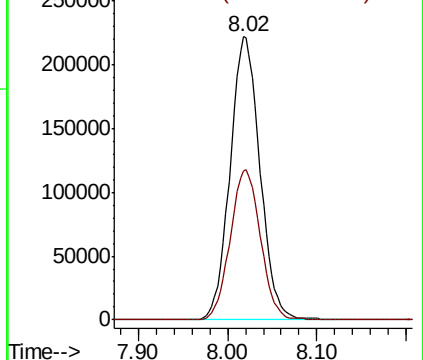
65 100

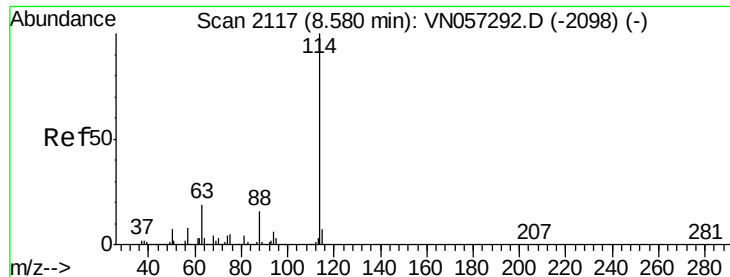
67 53.9 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

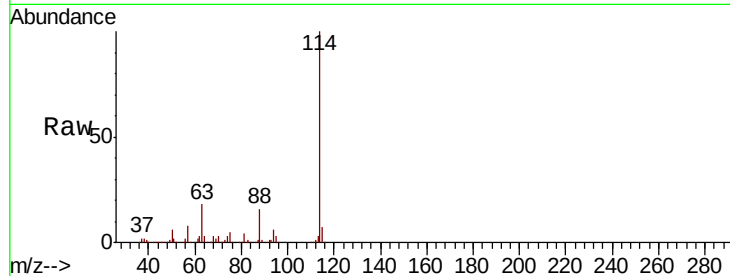




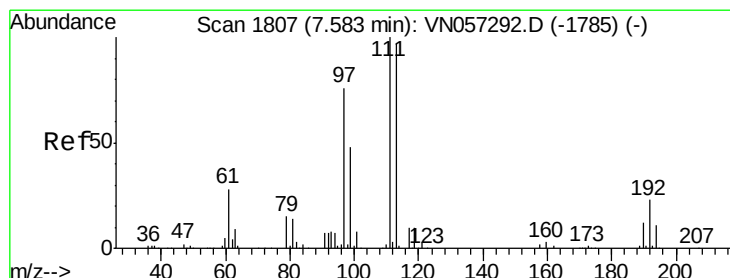
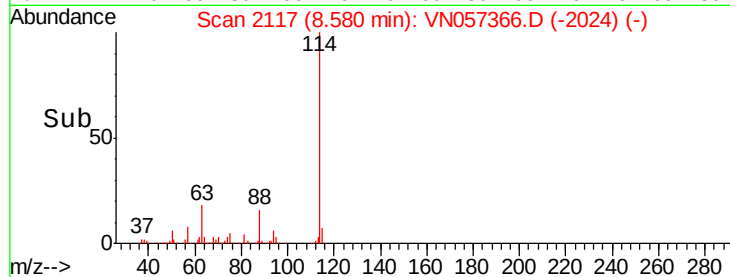
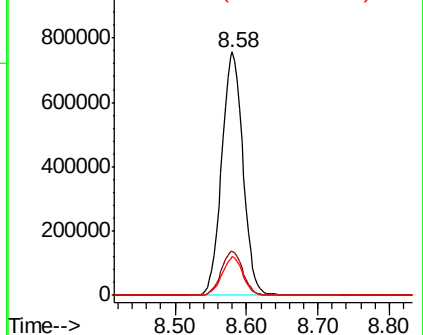
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

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 ClientSampleId :
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Tgt Ion:114 Resp: 1563710
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.8
 88 15.7 0.0 31.4

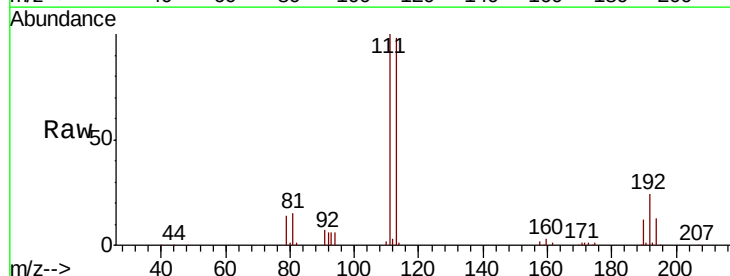


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

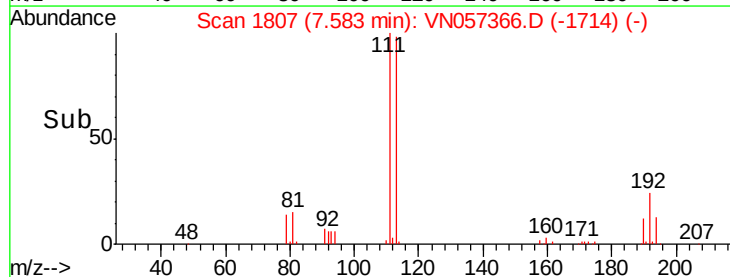
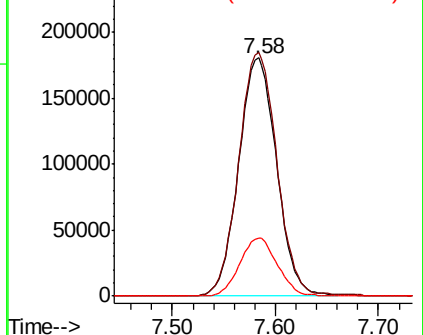


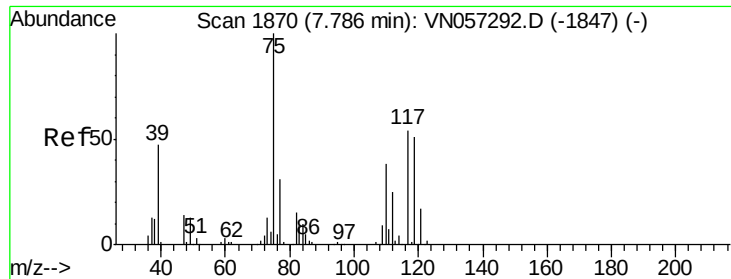
#35
 Dibromofluoromethane
 Concen: 45.150 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

Tgt Ion:113 Resp: 462806
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.1 123.1
 192 24.2 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

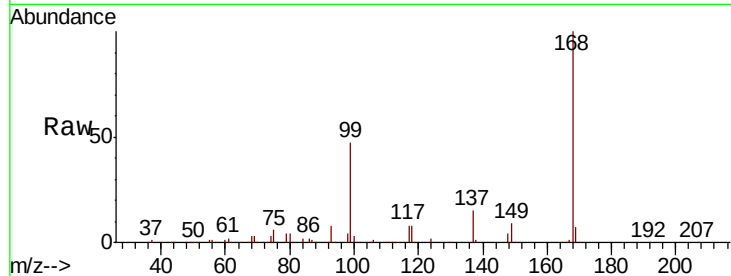




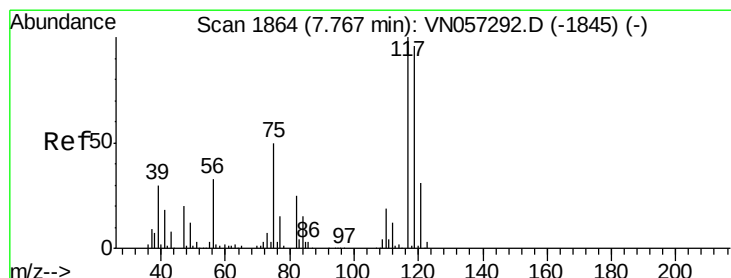
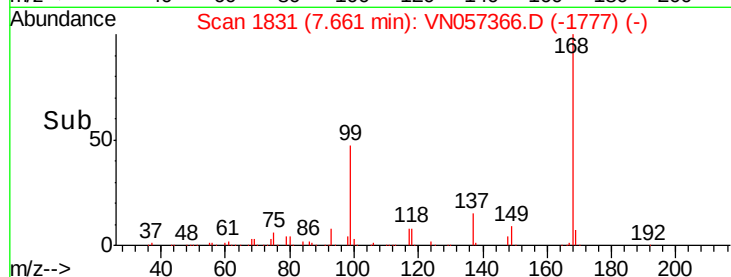
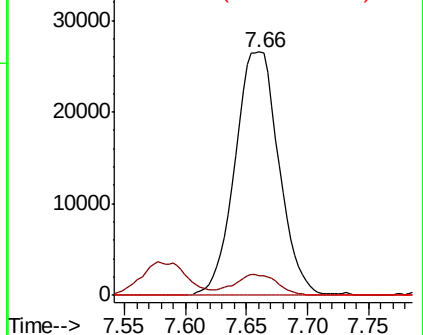
#36
 1,1-Dichloropropene
 Concen: 4.796 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1359

Tgt Ion: 75 Resp: 66221
 Ion Ratio Lower Upper
 75 100
 110 8.4 19.5 58.5#
 77 0.0 25.0 37.6#

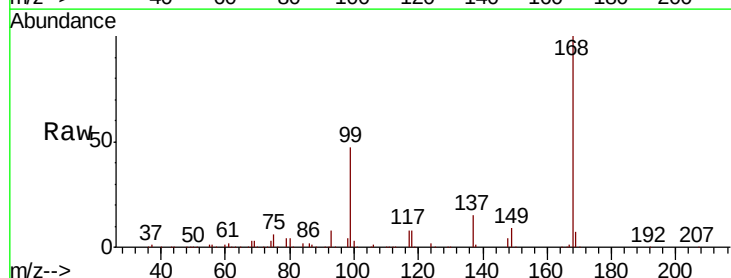


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

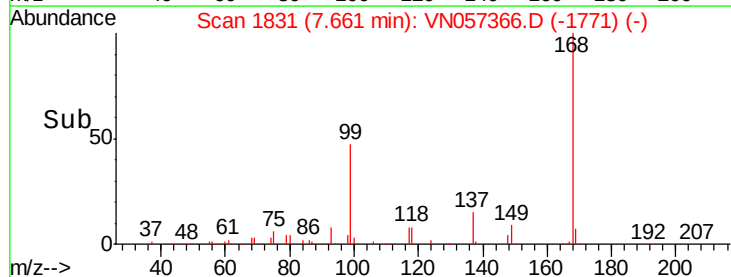
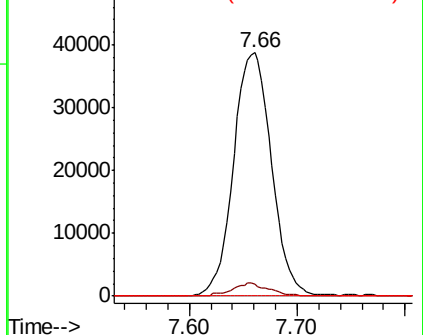


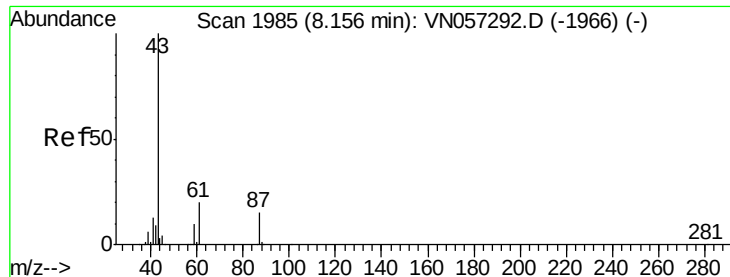
#38
 Carbon Tetrachloride
 Concen: 6.615 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

Tgt Ion: 117 Resp: 94889
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.8 115.2#
 121 0.0 25.0 37.4#



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





#43

Isopropyl Acetate

Concen: 8.485 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

TP-1359

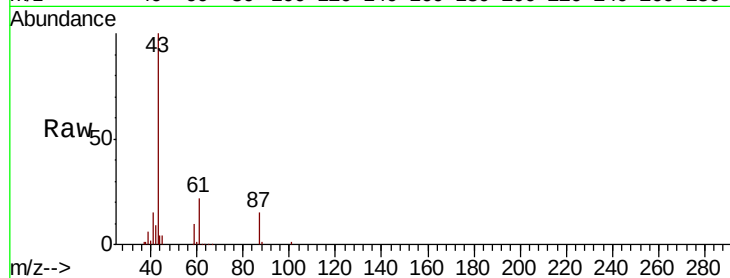
Tgt Ion: 43 Resp: 194834

Ion Ratio Lower Upper

43 100

61 17.0 21.6 32.4#

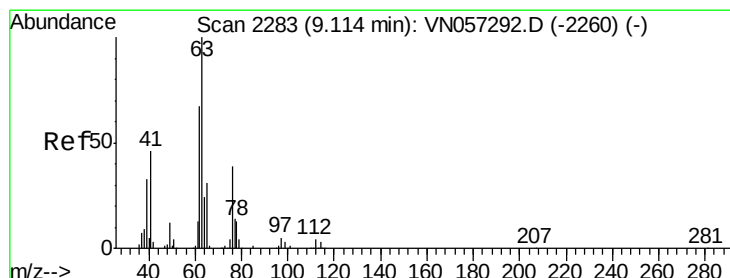
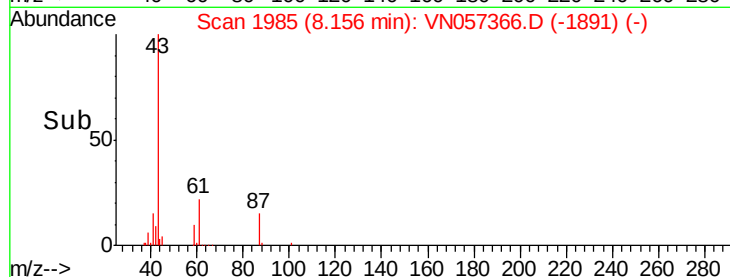
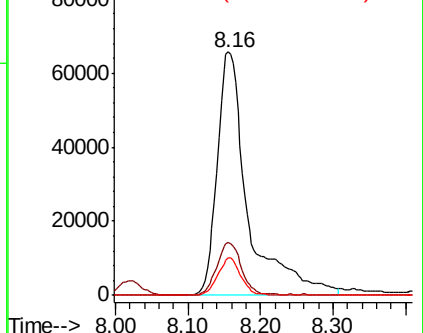
87 11.3 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.336 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057366.D

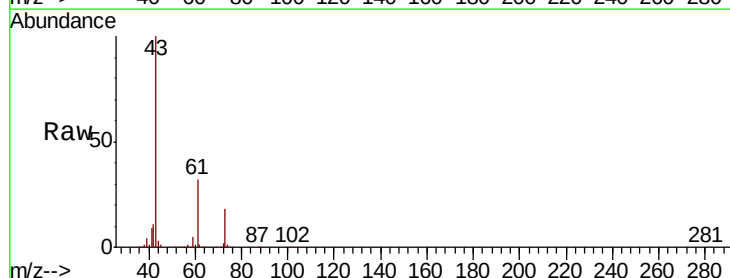
Acq: 16 Aug 2019 20:24

Tgt Ion: 63 Resp: 3657

Ion Ratio Lower Upper

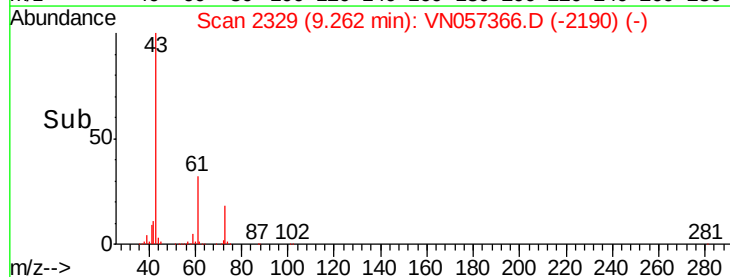
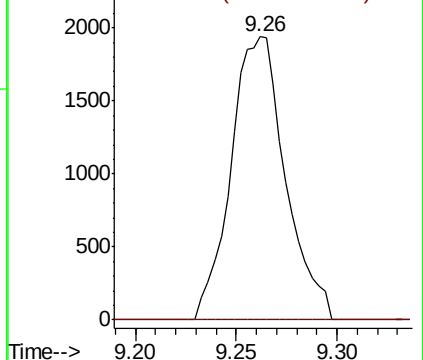
63 100

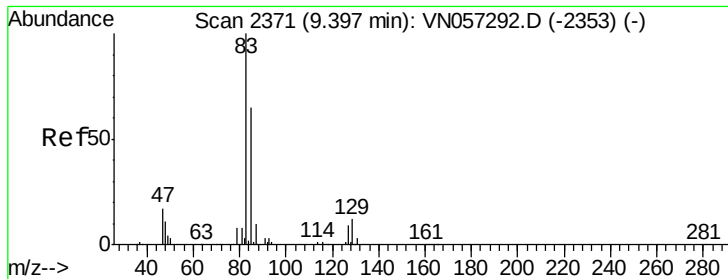
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.219 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.01 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

TP-1359

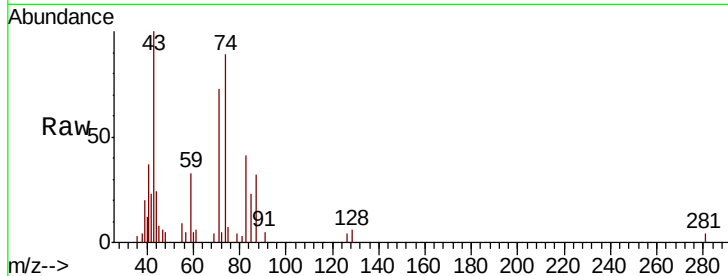
Tgt Ion: 83 Resp: 3153

Ion Ratio Lower Upper

83 100

85 55.1 51.9 77.9

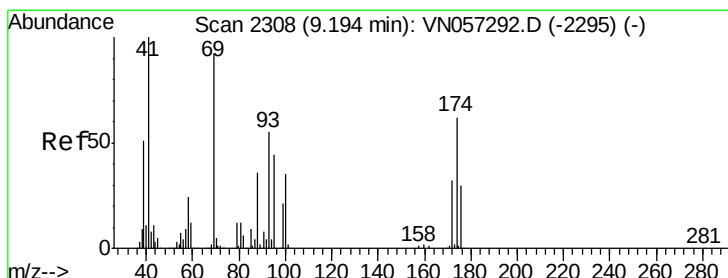
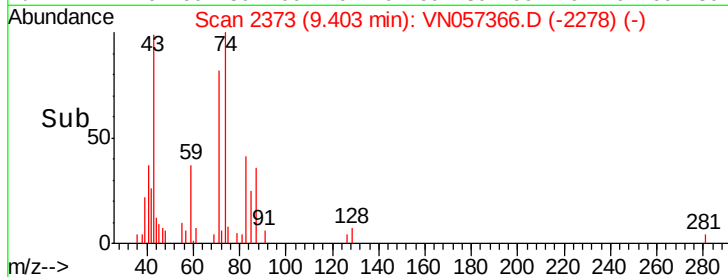
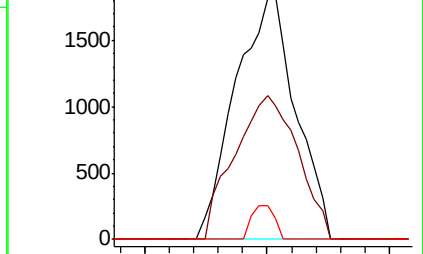
127 8.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN057366.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057366.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057366.D (-2278) (-)



#48

Methyl methacrylate

Concen: 0.860 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

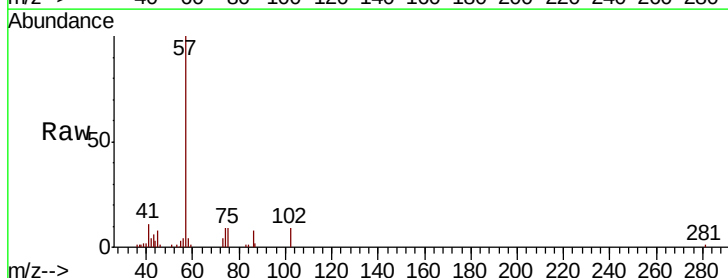
Tgt Ion: 41 Resp: 8008

Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

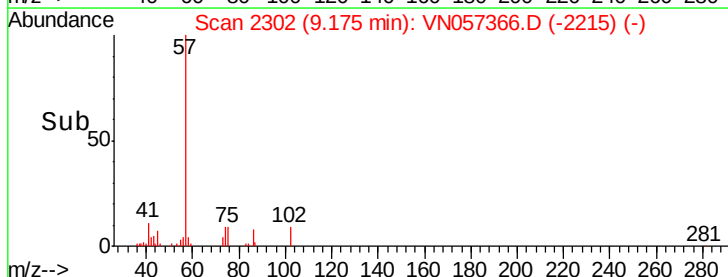
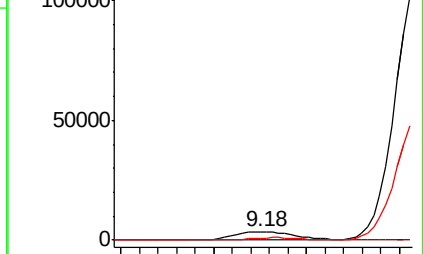
39 0.0 42.3 63.5#

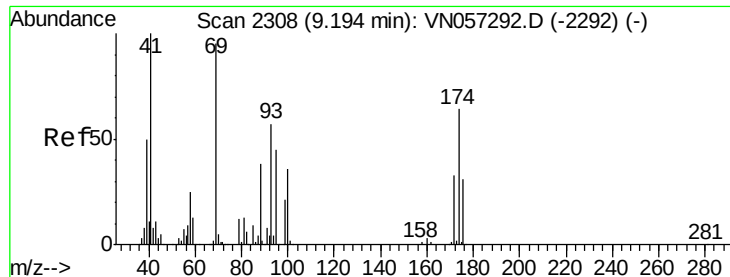


Abundance Ion 41.00 (40.70 to 41.70): VN057366.D (-2215) (-)

Ion 69.00 (68.70 to 69.70): VN057366.D (-2215) (-)

Ion 39.00 (38.70 to 39.70): VN057366.D (-2215) (-)





#49

1,4-Dioxane

Concen: 2.630 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

TP-1359

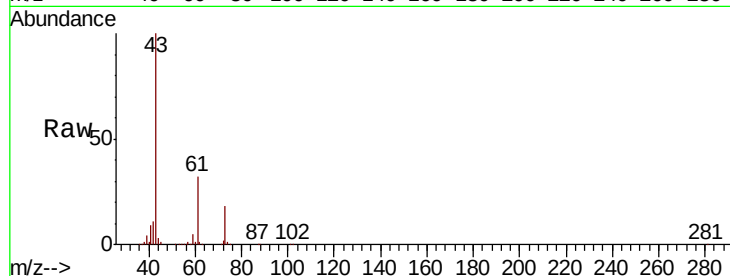
Tgt Ion: 88 Resp: 515

Ion Ratio Lower Upper

88 100

43 479473.2 22.9 34.3#

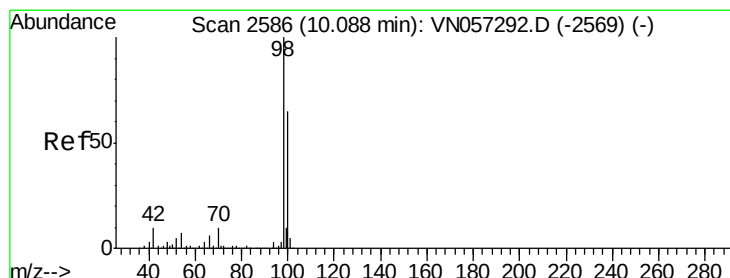
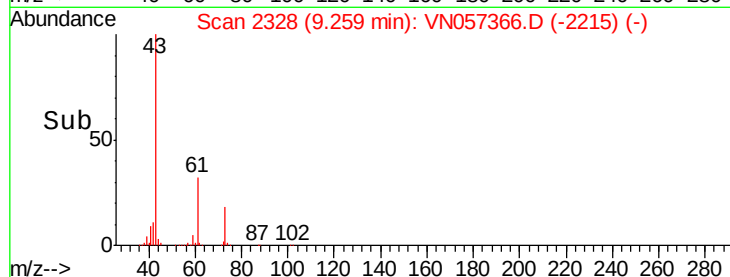
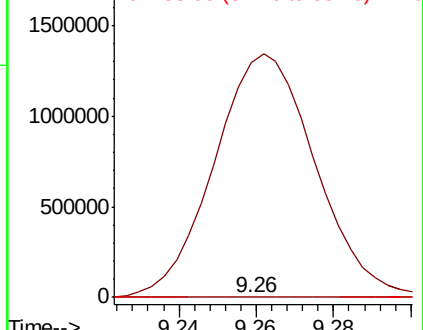
58 2188.9 52.7 79.1#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.362 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057366.D

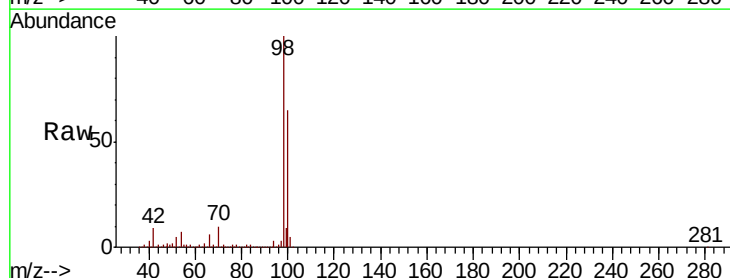
Acq: 16 Aug 2019 20:24

Tgt Ion: 98 Resp: 1813137

Ion Ratio Lower Upper

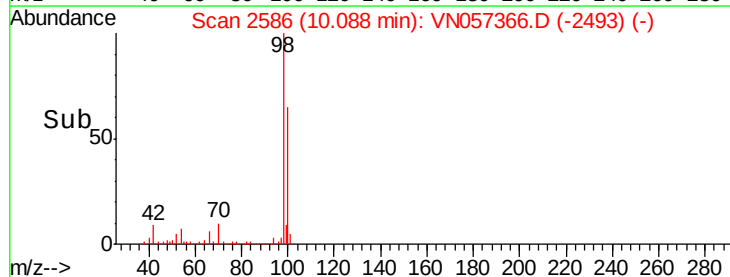
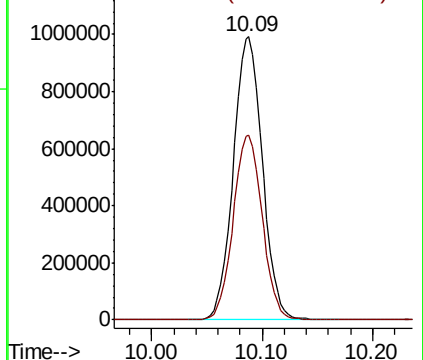
98 100

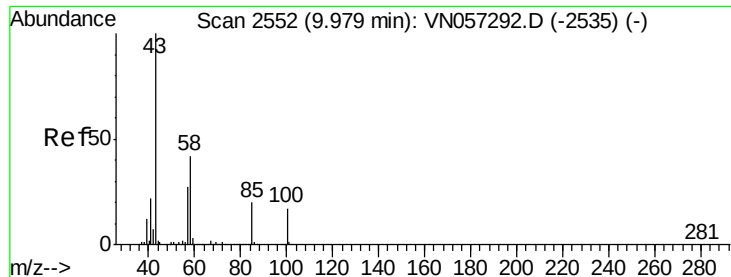
100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

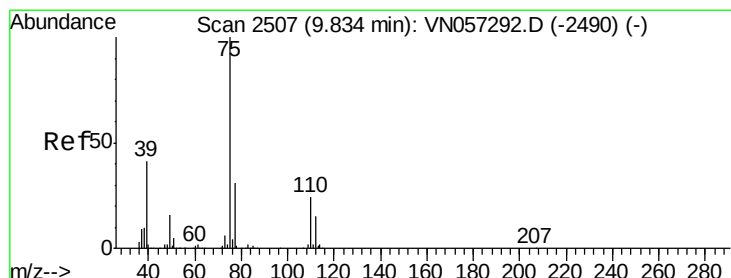
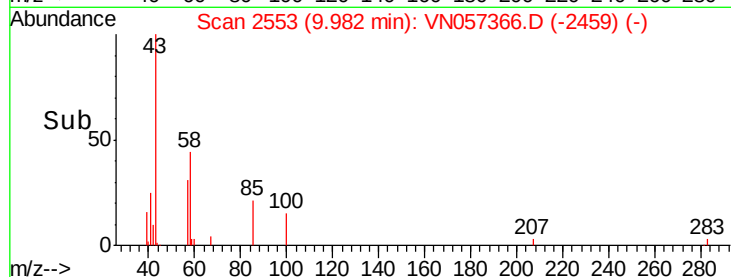
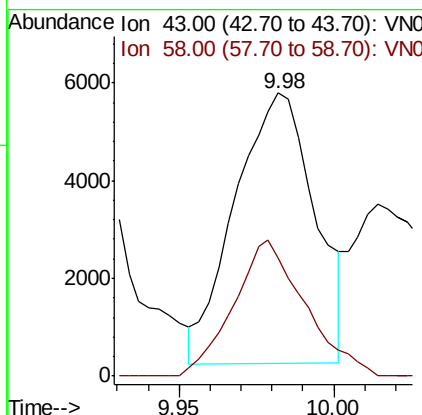
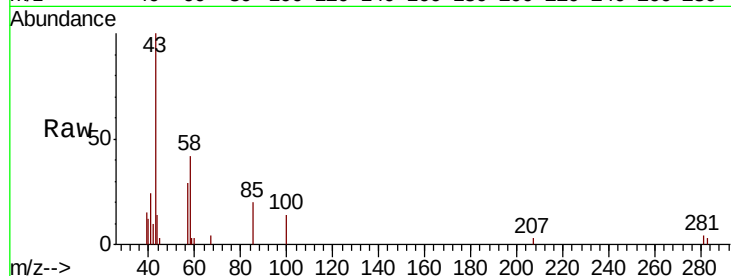




#51
 4-Methyl-2-Pentanone
 Concen: 0.849 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

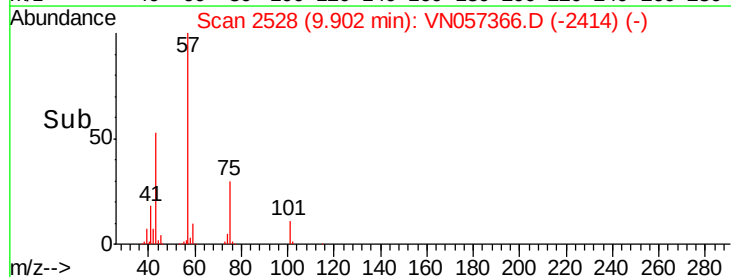
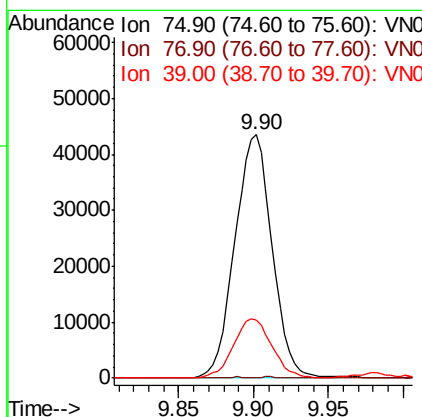
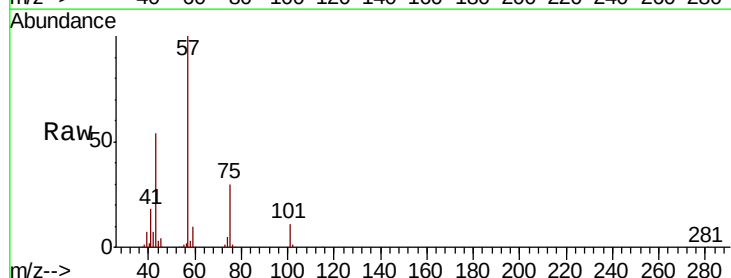
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1359

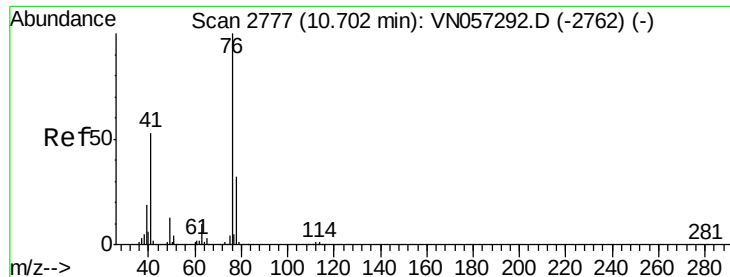
Tgt Ion: 43 Resp: 9903
 Ion Ratio Lower Upper
 43 100
 58 45.0 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.393 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

Tgt Ion: 75 Resp: 75392
 Ion Ratio Lower Upper
 75 100
 77 0.3 24.9 37.3#
 39 24.1 32.7 49.1#

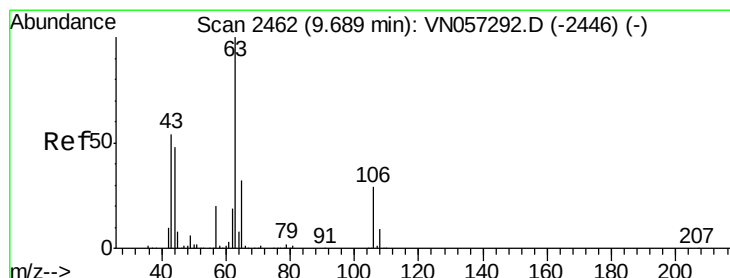
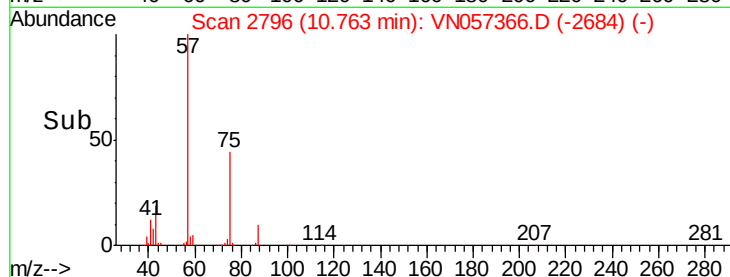
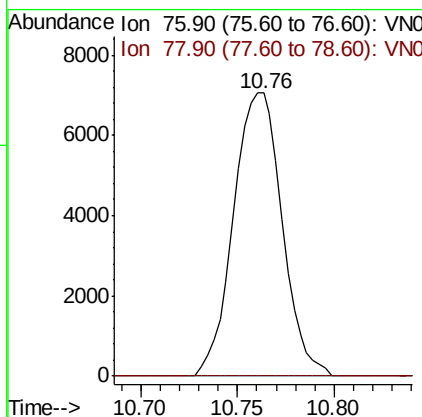
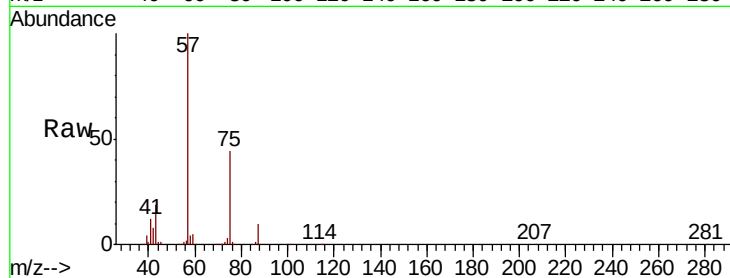




#57
 1,3-Dichloropropane
 Concen: 0.716 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

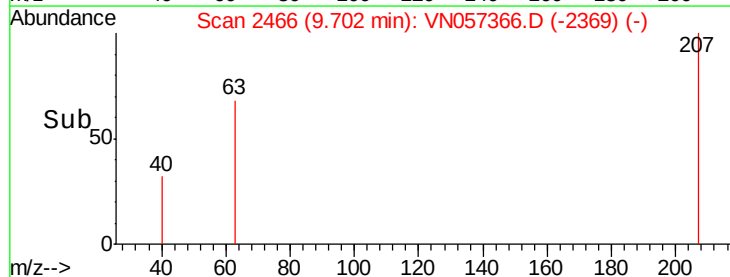
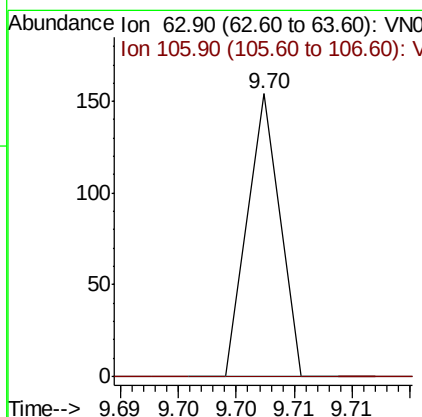
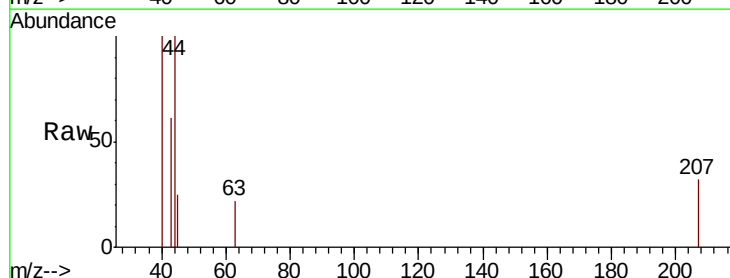
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1359

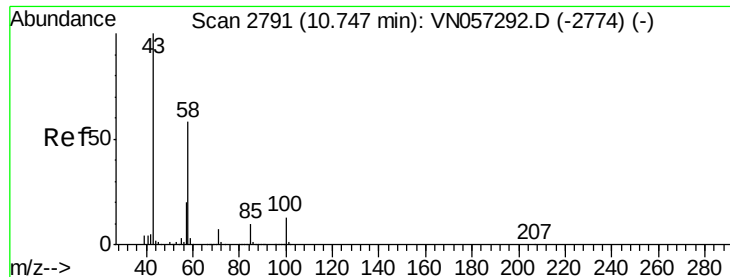
Tgt Ion: 76 Resp: 12362
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 16.566 ug/l
 RT: 9.70 min Scan# 2466
 Delta R.T. 0.01 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

Tgt Ion: 63 Resp: 30
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.2 34.8#

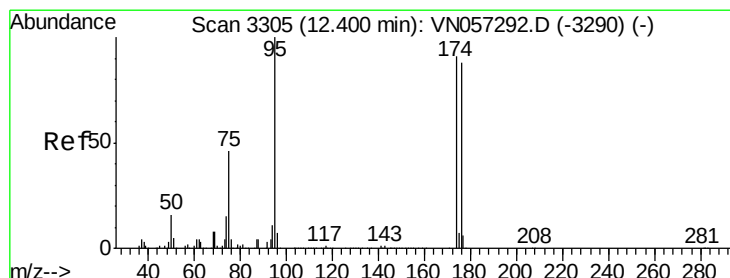
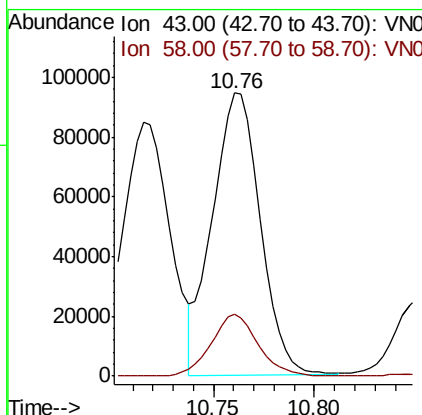
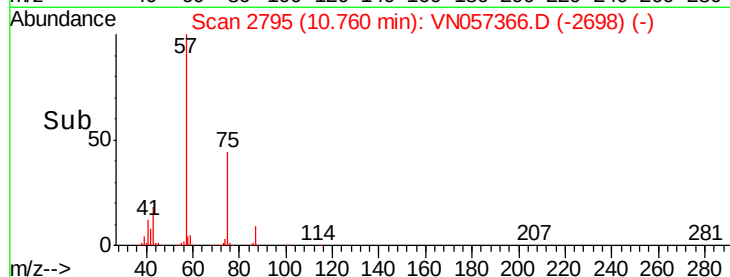
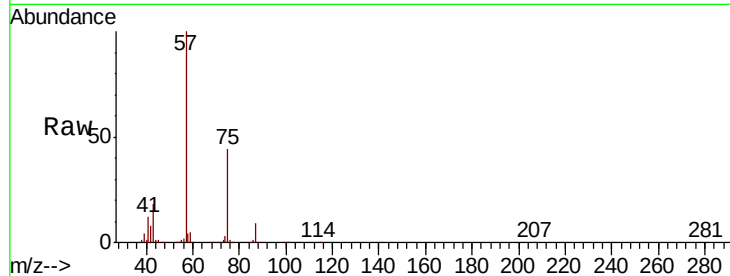




#59
2-Hexanone
Concen: 18.610 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057366.D
Acq: 16 Aug 2019 20:24

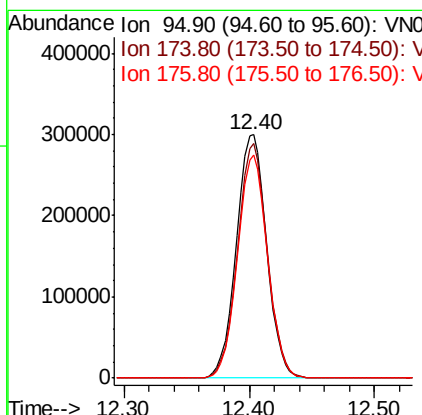
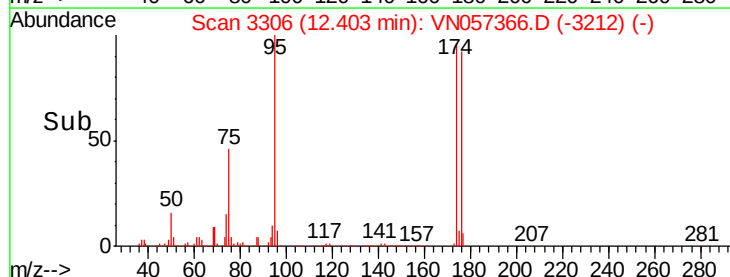
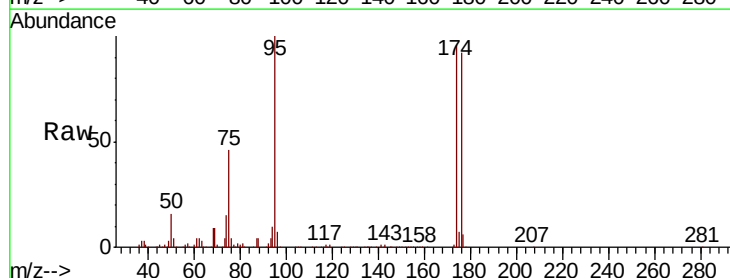
Instrument :
MSVOA_N
ClientSampled :
TP-1359

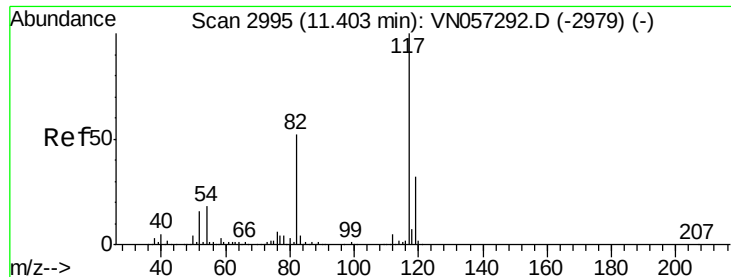
Tgt Ion: 43 Resp: 156080
Ion Ratio Lower Upper
43 100
58 21.5 28.6 85.9#



#62
4-Bromofluorobenzene
Concen: 37.832 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057366.D
Acq: 16 Aug 2019 20:24

Tgt Ion: 95 Resp: 501246
Ion Ratio Lower Upper
95 100
174 94.8 0.0 185.0
176 91.1 0.0 181.0

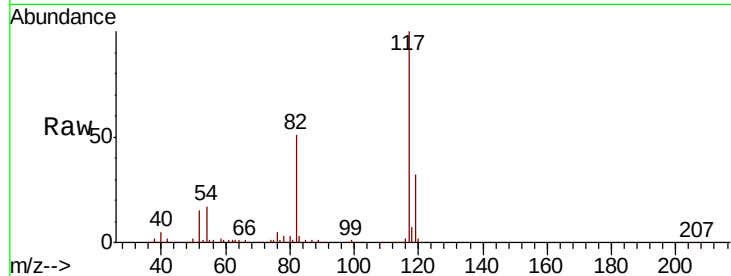




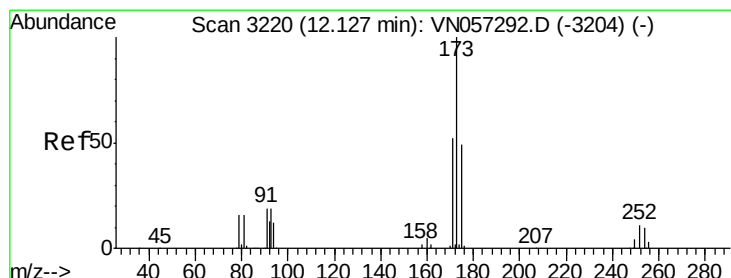
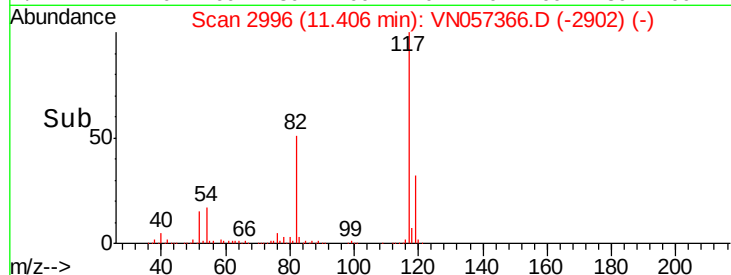
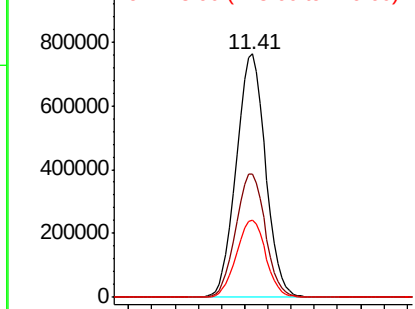
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057366.D
Acq: 16 Aug 2019 20:24

Instrument :
MSVOA_N
ClientSampled :
TP-1359

Tgt Ion:117 Resp: 1329302
Ion Ratio Lower Upper
117 100
82 50.8 41.2 61.8
119 31.8 25.8 38.8

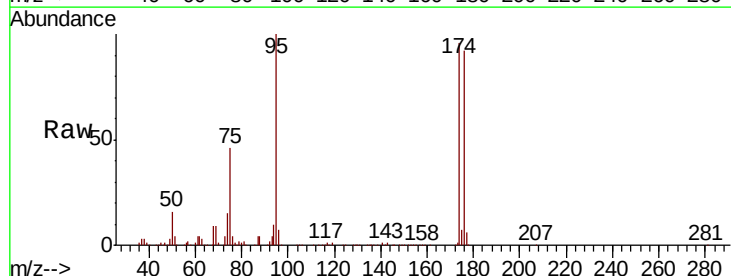


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

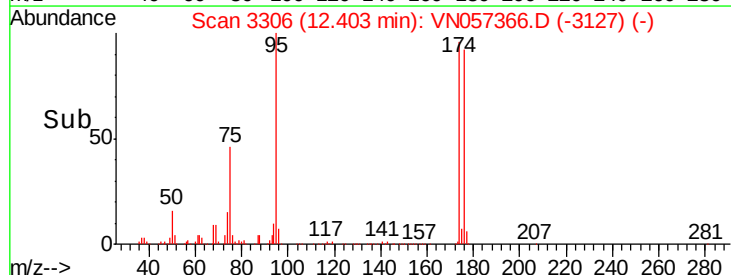
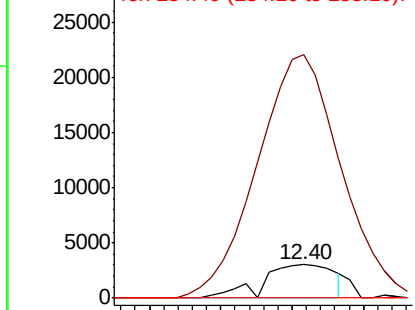


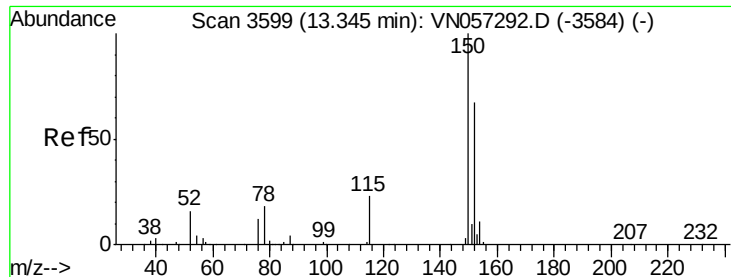
#71
Bromoform
Concen: 0.513 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057366.D
Acq: 16 Aug 2019 20:24

Tgt Ion:173 Resp: 4204
Ion Ratio Lower Upper
173 100
175 741.3 24.2 72.6#
254 0.0 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

TP-1359

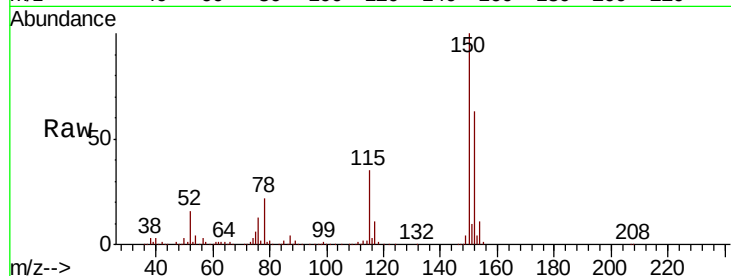
Tgt Ion:152 Resp: 356242

Ion Ratio Lower Upper

152 100

115 55.6 27.3 81.9

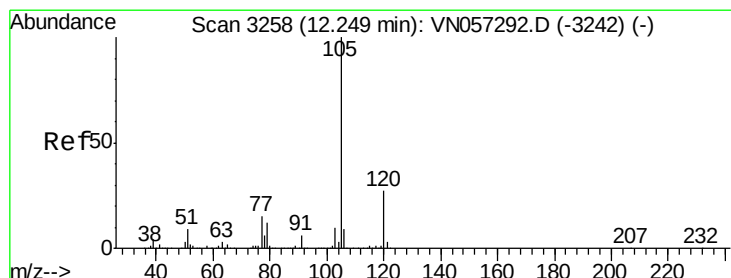
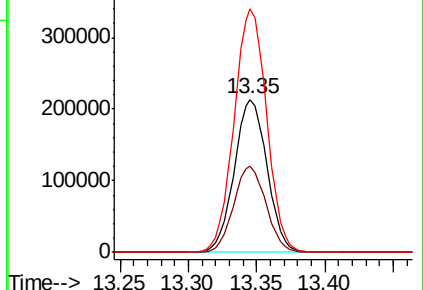
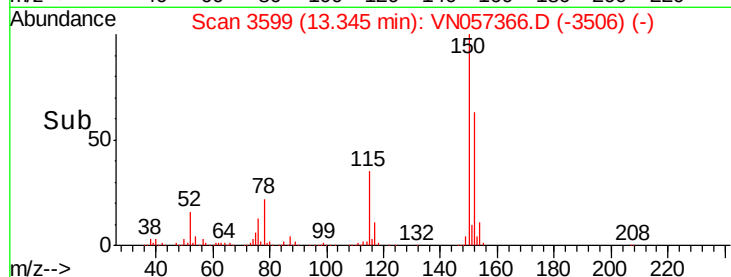
150 158.3 0.0 344.4



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: VN057366.D

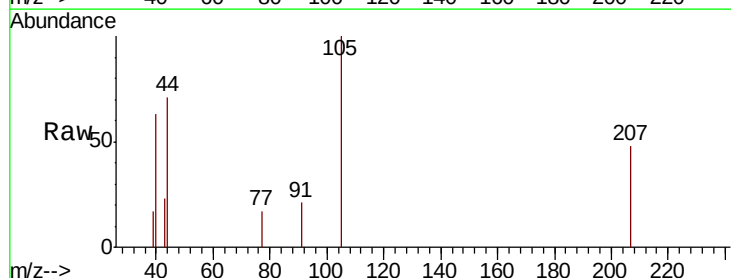
Acq: 16 Aug 2019 20:24

Tgt Ion:105 Resp: 1474

Ion Ratio Lower Upper

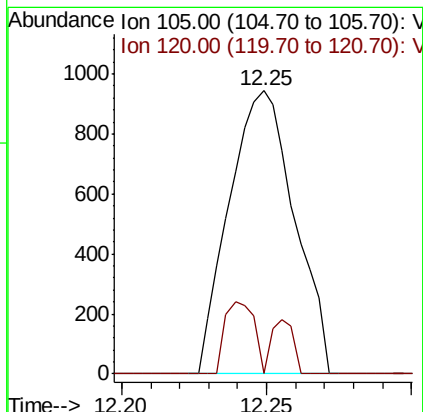
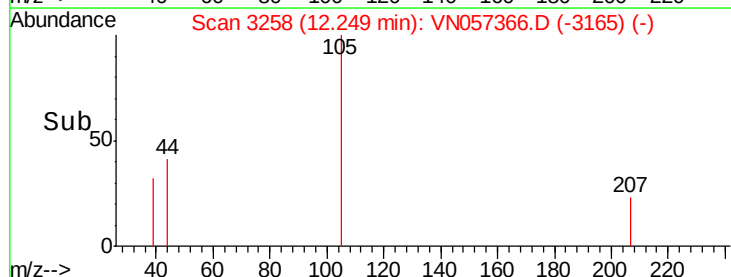
105 100

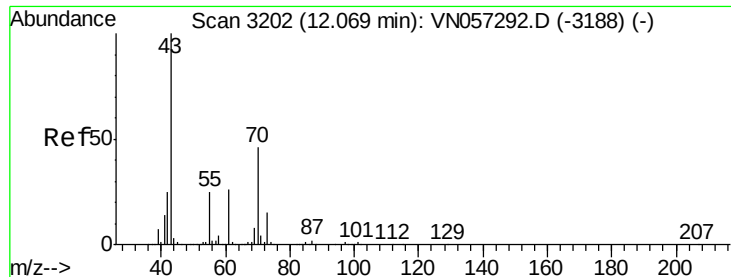
120 6.4 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.534 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

TP-1359

Tgt Ion: 43 Resp: 5520

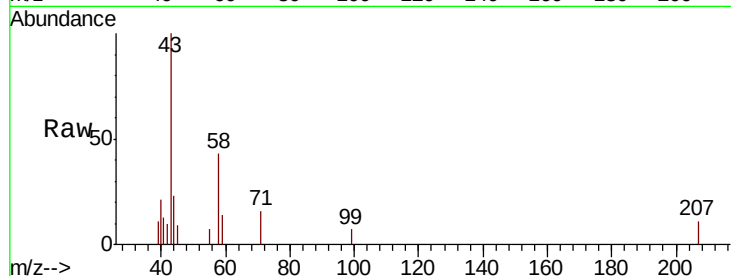
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 3.2 20.1 30.1#

61 0.0 20.9 31.3#

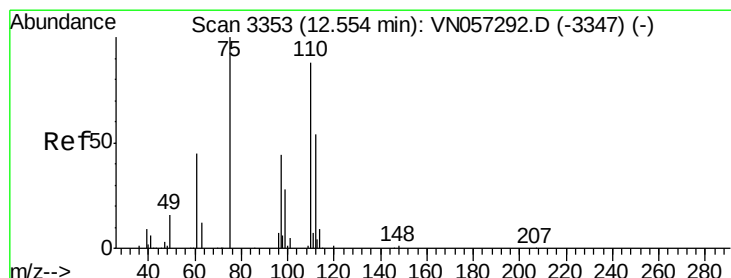
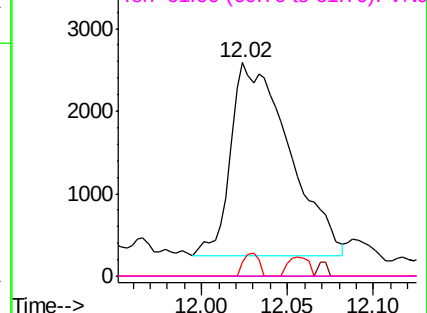
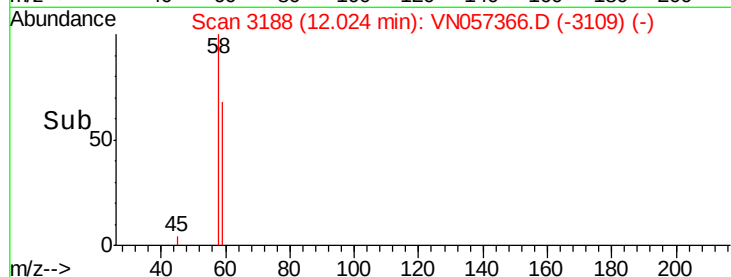


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 31.887 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057366.D

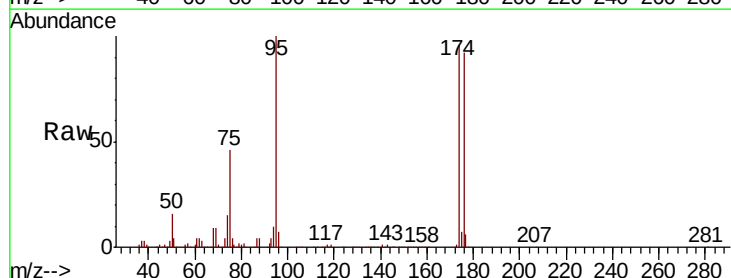
Acq: 16 Aug 2019 20:24

Tgt Ion: 75 Resp: 228407

Ion Ratio Lower Upper

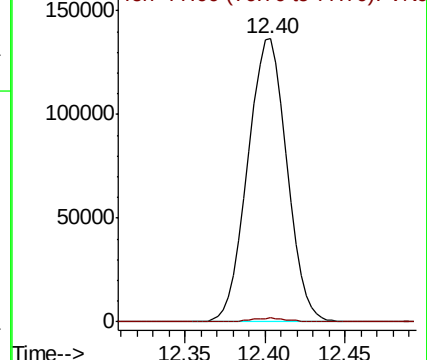
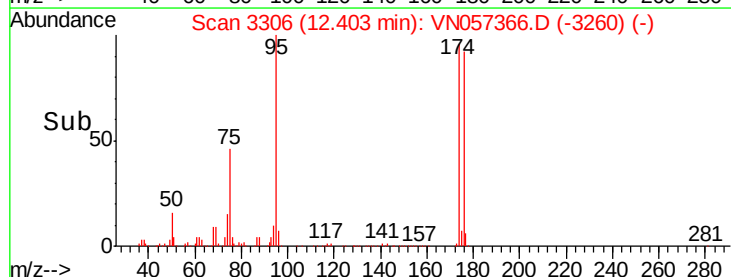
75 100

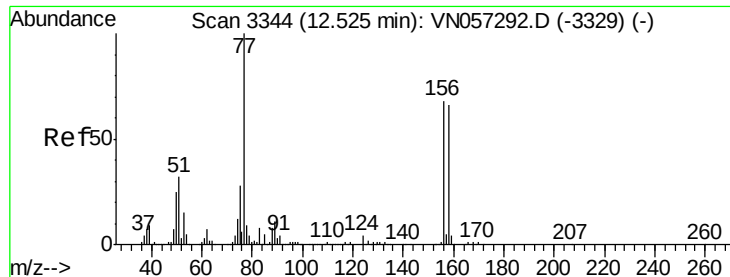
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

TP-1359

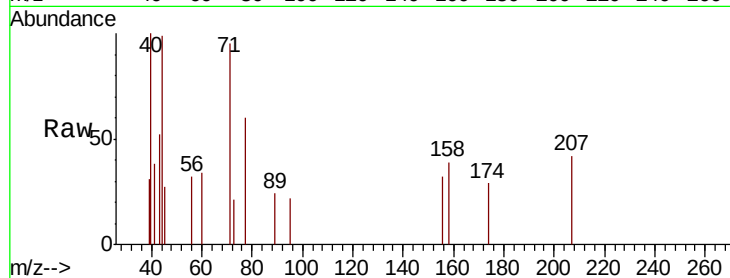
Tgt Ion:156 Resp: 237

Ion Ratio Lower Upper

156 100

77 229.5 89.8 269.6

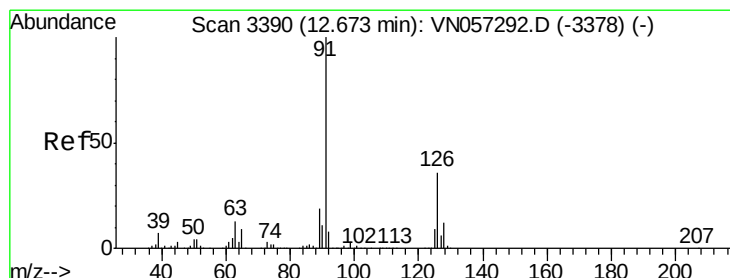
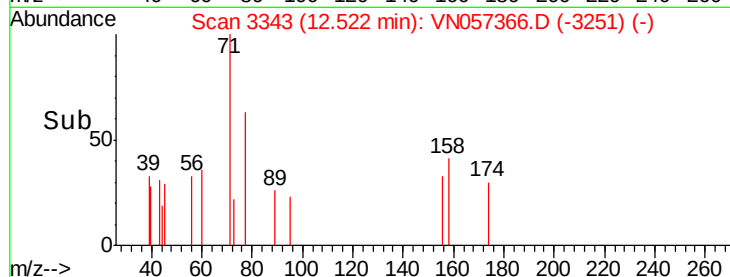
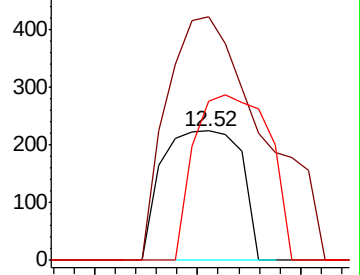
158 121.9 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN057366.D

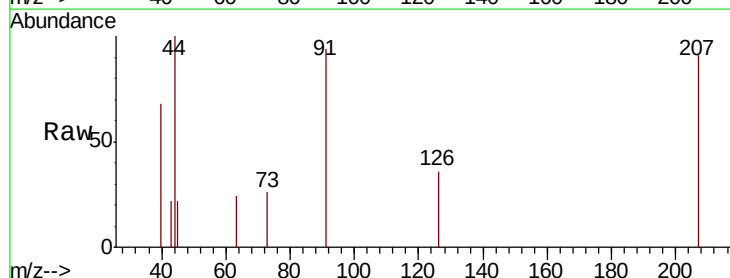
Acq: 16 Aug 2019 20:24

Tgt Ion: 91 Resp: 1167

Ion Ratio Lower Upper

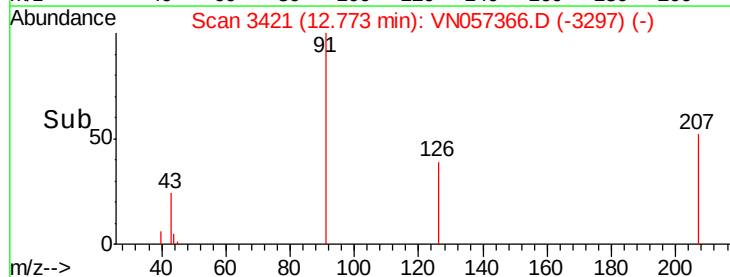
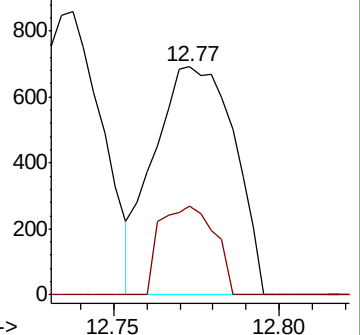
91 100

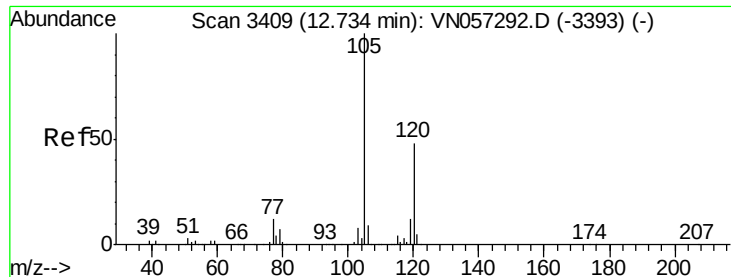
126 26.2 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

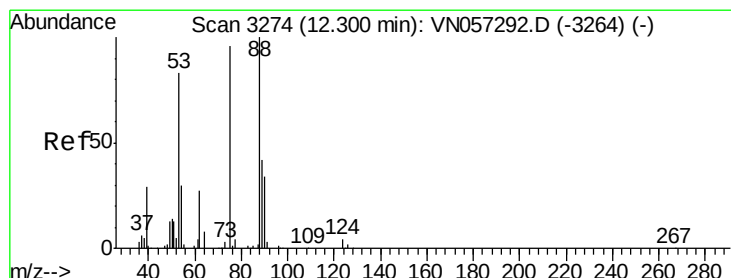
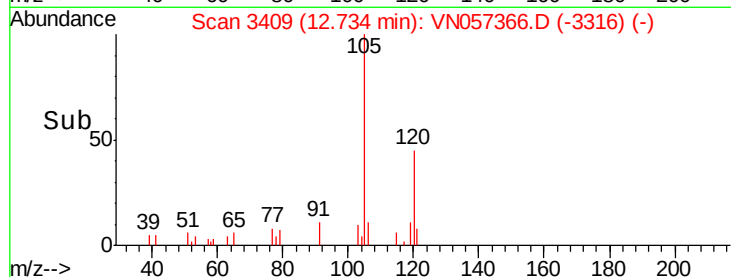
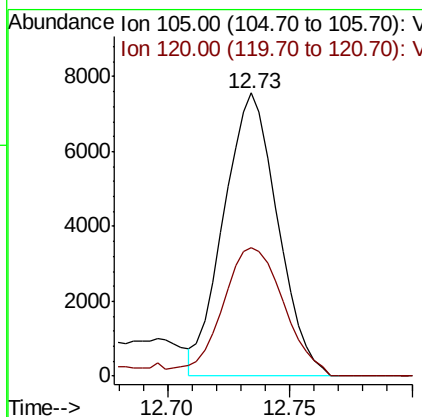
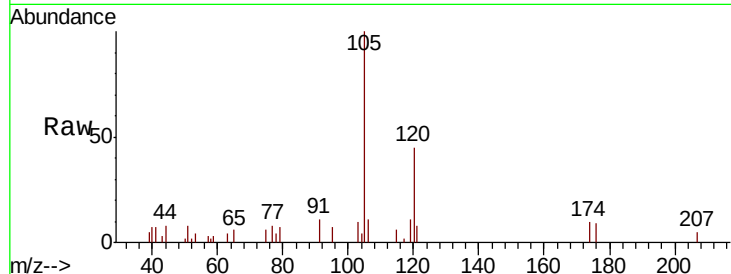




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

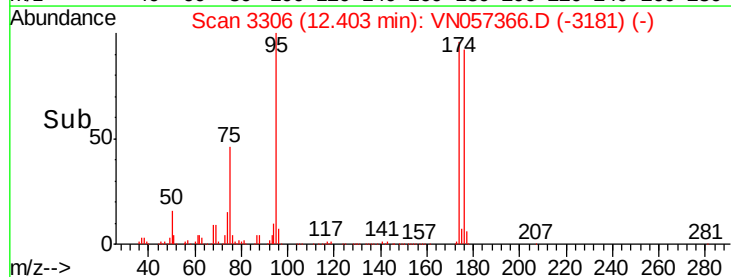
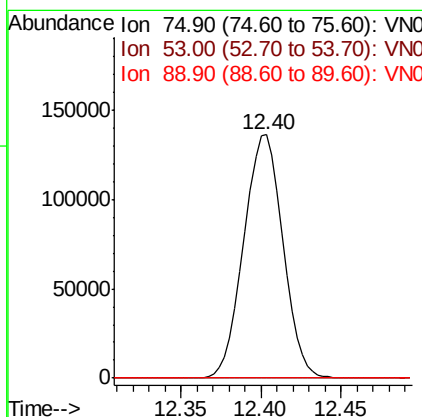
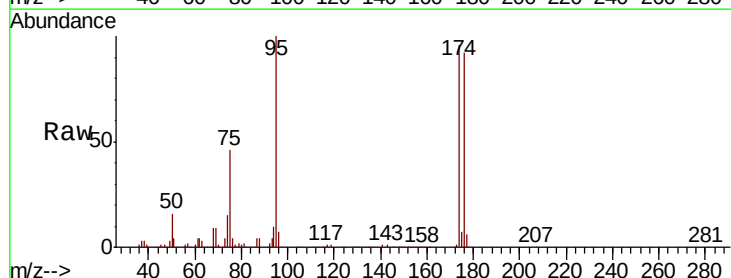
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1359

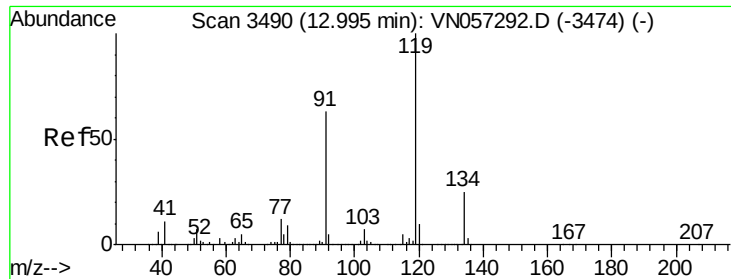
Tgt Ion: 105 Resp: 11627
 Ion Ratio Lower Upper
 105 100
 120 51.7 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.181 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

Tgt Ion: 75 Resp: 228407
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#

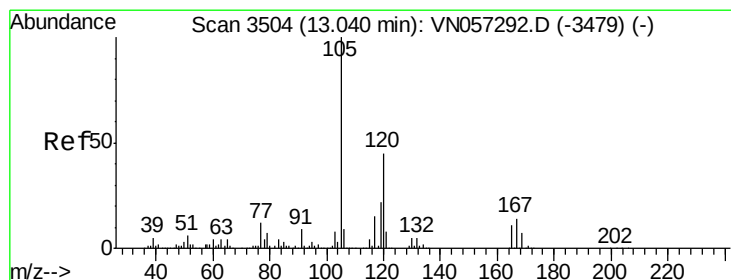
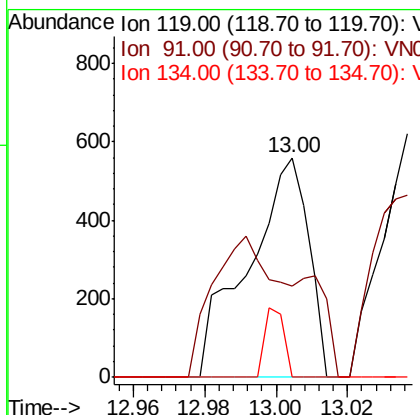
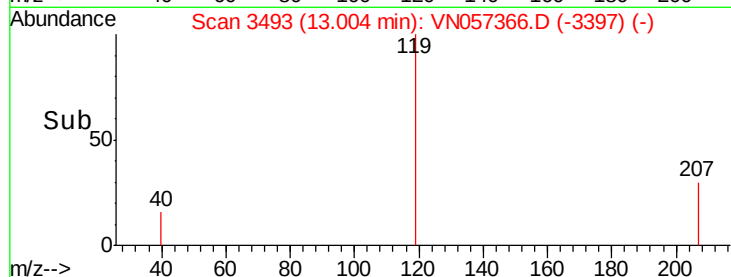
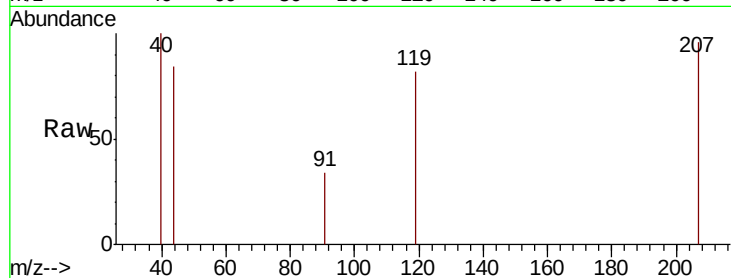




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3493
 Delta R.T. 0.01 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

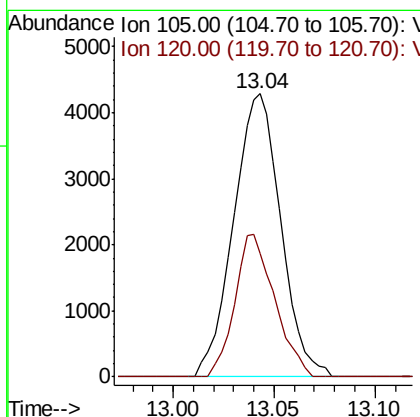
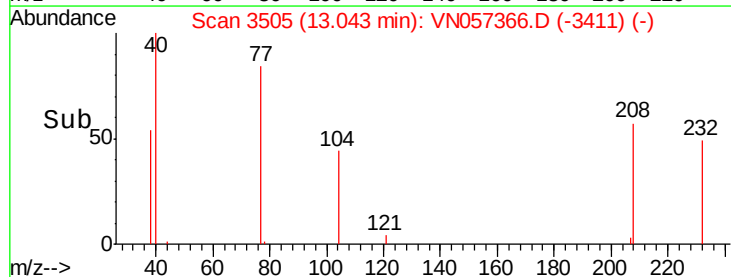
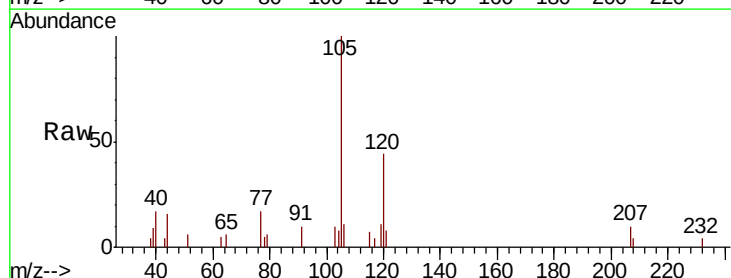
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1359

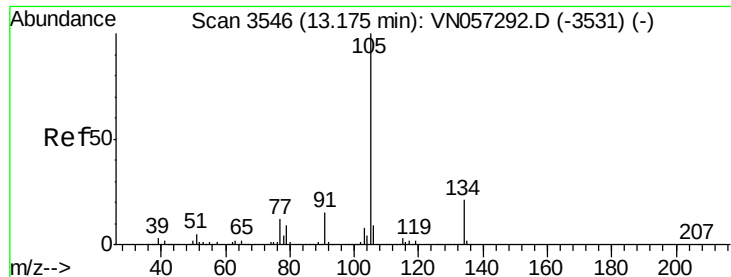
Tgt Ion:119 Resp: 654
 Ion Ratio Lower Upper
 119 100
 91 70.3 31.3 93.8
 134 9.9 13.1 39.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.274 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

Tgt Ion:105 Resp: 7018
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.6 67.7





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

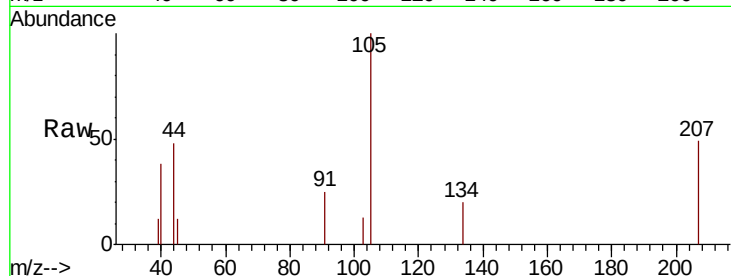
TP-1359

Tgt Ion:105 Resp: 2344

Ion Ratio Lower Upper

105 100

134 13.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

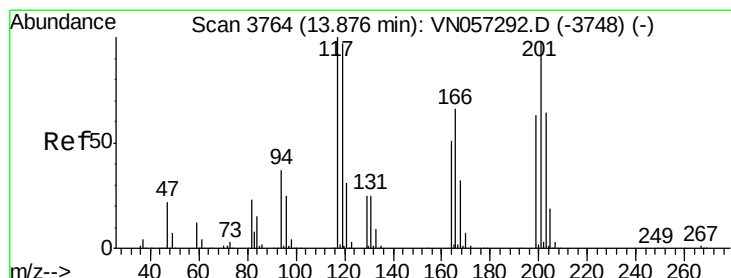
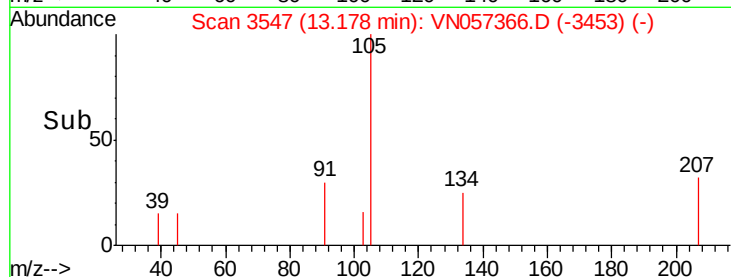
13.18

1000

500

0

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN057366.D

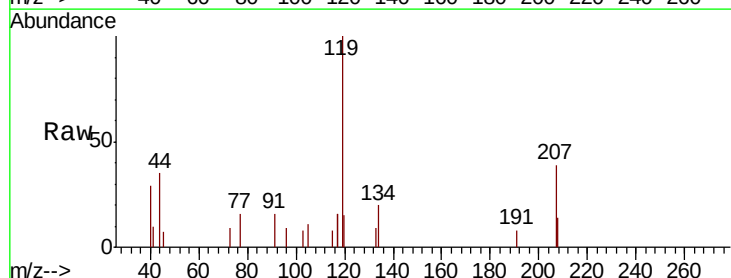
Acq: 16 Aug 2019 20:24

Tgt Ion:117 Resp: 414

Ion Ratio Lower Upper

117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

800

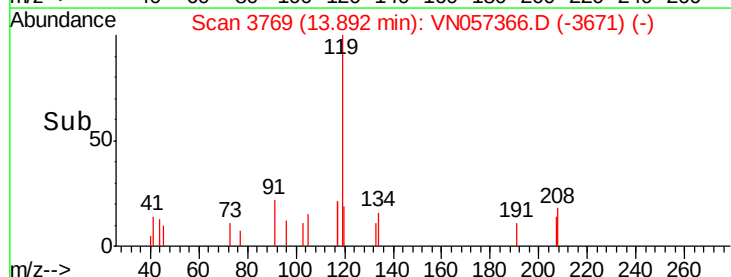
600

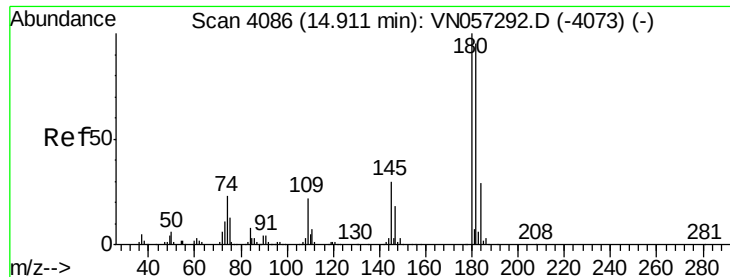
400

200

0

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 5.580 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

TP-1359

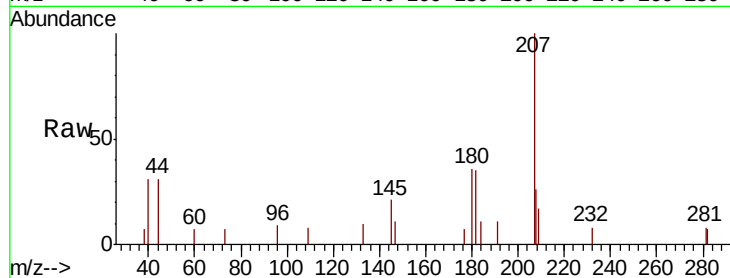
Tgt Ion:180 Resp: 1167

Ion Ratio Lower Upper

180 100

182 107.0 48.0 144.2

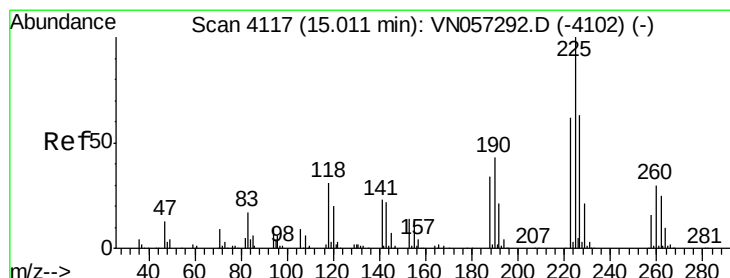
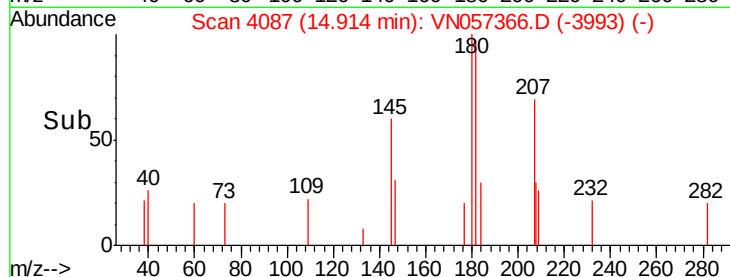
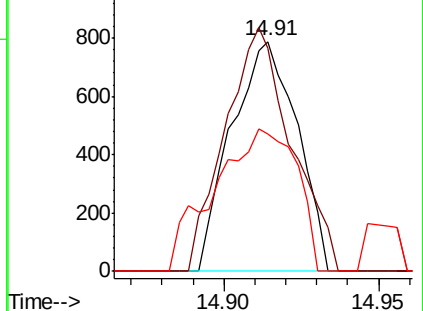
145 78.5 14.5 43.6#



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



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

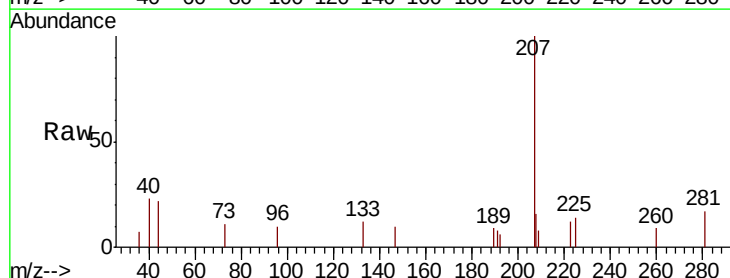
Tgt Ion:225 Resp: 496

Ion Ratio Lower Upper

225 100

223 82.7 30.7 92.1

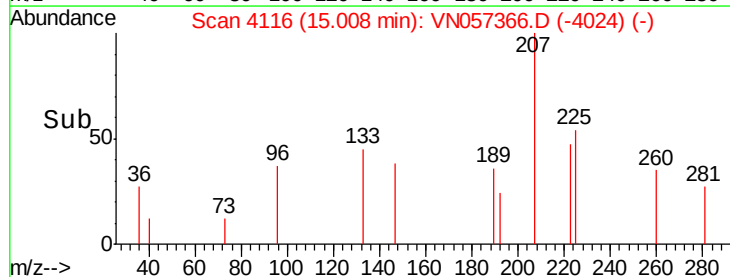
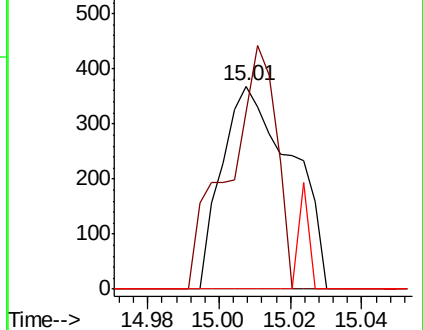
227 7.5 30.9 92.7#

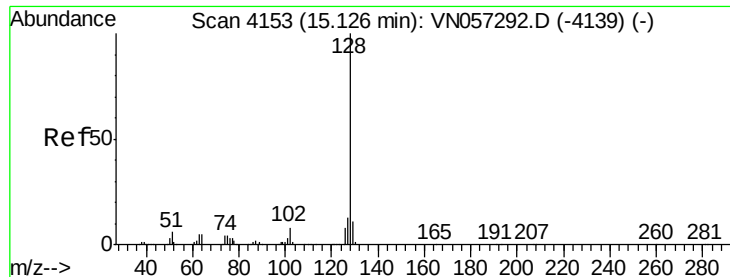


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4155

Delta R.T. 0.01 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

TP-1359

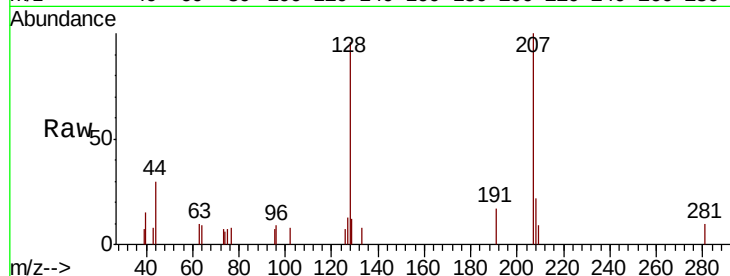
Tgt Ion:128 Resp: 4426

Ion Ratio Lower Upper

128 100

127 8.5 10.5 15.7#

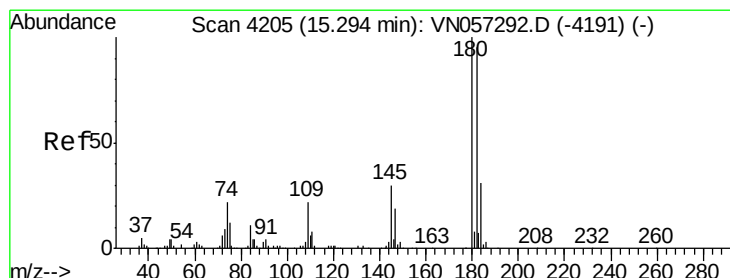
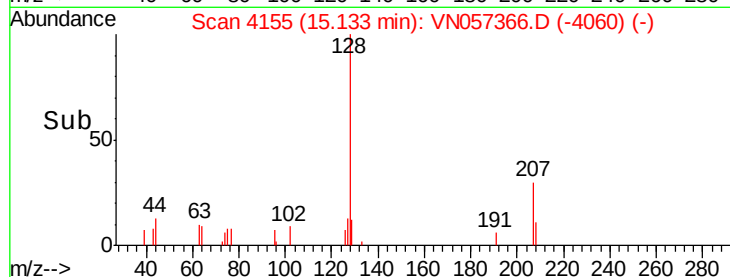
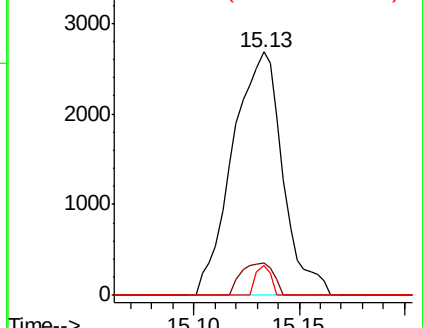
129 3.6 8.8 13.2#



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: Below Cal

RT: 15.29 min Scan# 4204

Delta R.T. -0.00 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

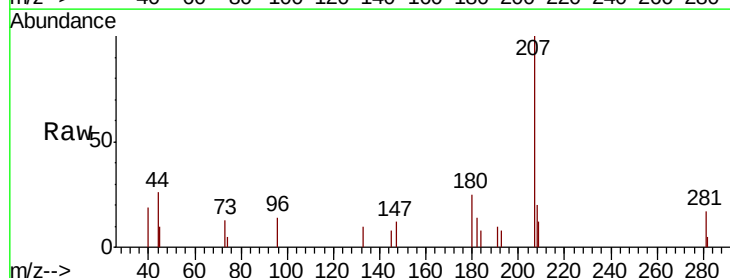
Tgt Ion:180 Resp: 1301

Ion Ratio Lower Upper

180 100

182 79.0 47.9 143.6

145 34.3 15.1 45.3



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

