

Data File : VN058859.D
Acq On : 18 Oct 2019 15:42
Operator : JC/SP
Sample : K5153-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TR-04-101619

Quant Time: Oct 21 07:57:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	352936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	564462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	533396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	204396	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	266129	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.57	113	185151	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	10.08	98	728315	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.40	95	239976	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	

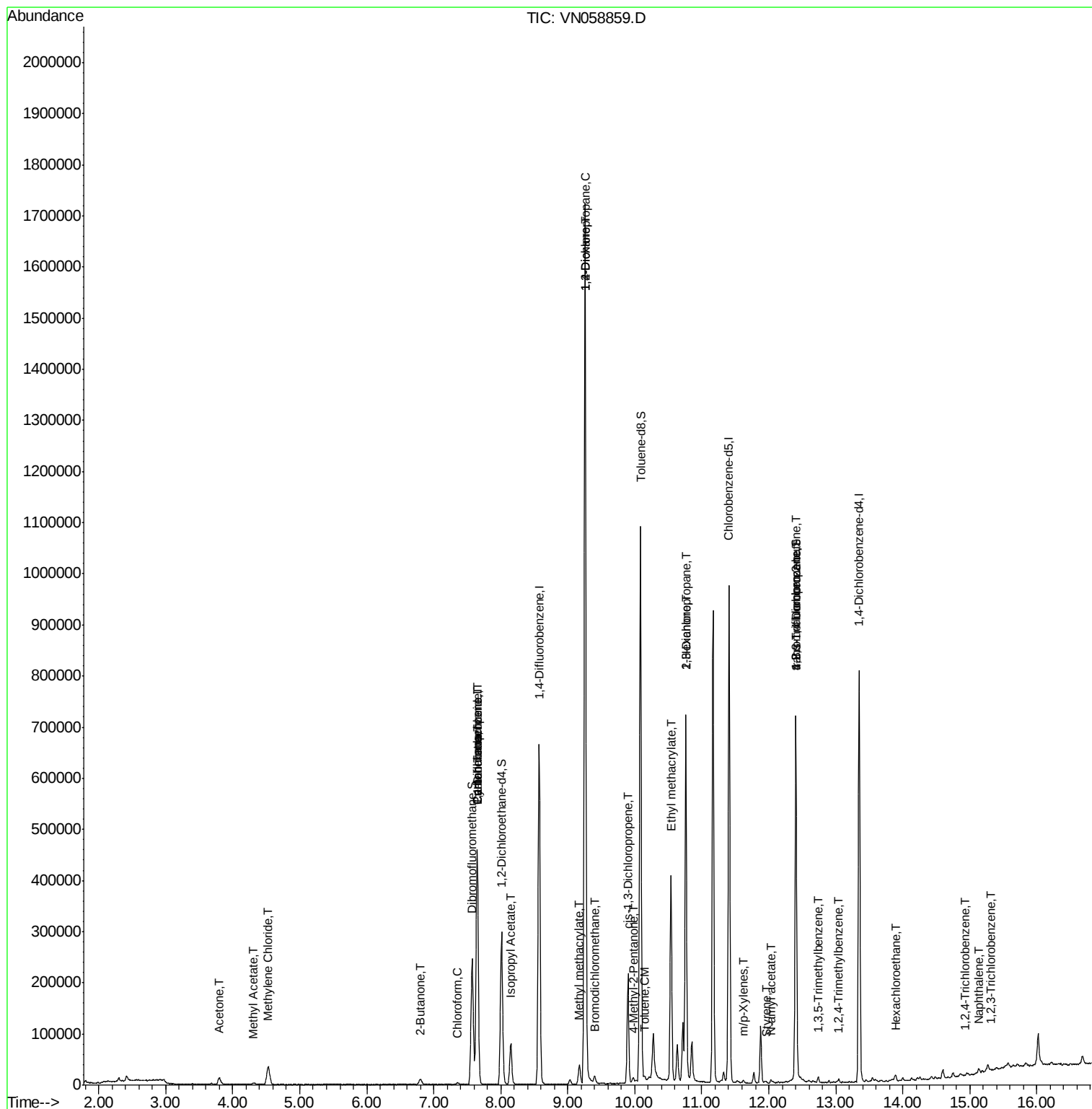
Target Compounds						Qvalue
16) Acetone	3.80	43	23358	9.132	ug/l	98
18) Methyl Acetate	4.31	43	4907	0.844	ug/l #	74
20) Methylene Chloride	4.53	84	27073	6.199	ug/l	91
25) 2-Butanone	6.80	43	1045	0.315	ug/l #	51
30) Chloroform	7.36	83	3947	0.493	ug/l	96
31) Cyclohexane	7.65	56	8871	1.193	ug/l #	5
36) 1,1-Dichloropropene	7.65	75	31555	5.460	ug/l #	50
38) Carbon Tetrachloride	7.65	117	36576	6.144	ug/l #	16
43) Isopropyl Acetate	8.15	43	94987	9.406	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	1939	0.417	ug/l #	44
47) Bromodichloromethane	9.39	83	1579	0.260	ug/l #	70
48) Methyl methacrylate	9.16	41	7225	1.577	ug/l #	14
49) 1,4-Dioxane	9.25	88	96	1.276	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7374	1.250	ug/l #	87
52) Toluene	10.15	92	2553	0.254	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	36193	5.047	ug/l #	66
56) Ethyl methacrylate	10.54	69	2261	2.409	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6777	0.931	ug/l #	43
59) 2-Hexanone	10.76	43	110138	24.164	ug/l #	52
68) m/p-Xylenes	11.62	106	1852	0.262	ug/l	92
70) Styrene	11.97	104	285	1.736	ug/l #	24
74) N-amyl acetate	12.03	43	4560	0.673	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	130788	27.609	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4667	0.372	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	130788	71.924	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.04	105	4870	0.393	ug/l	96
90) Hexachloroethane	13.89	117	519	0.203	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.92	180	212	2.570	ug/l #	1
95) Naphthalene	15.14	128	4650	2.605	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	138	2.428	ug/l #	1

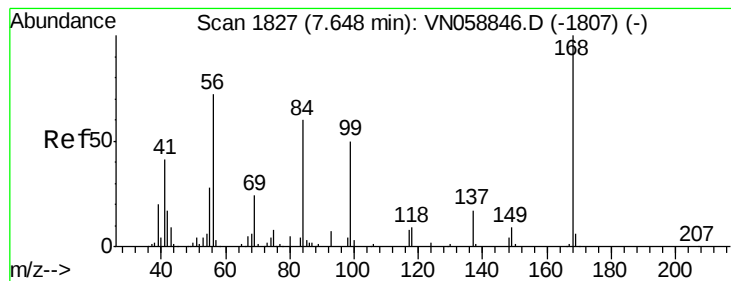
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

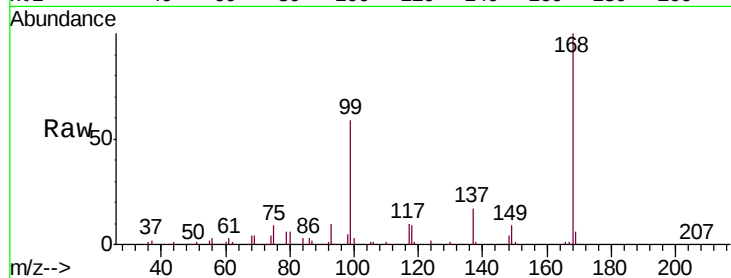
TR-04-101619

Tgt Ion:168 Resp: 352936

Ion Ratio Lower Upper

168 100

99 59.2 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058846.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058846.D (-1807) (-)

7.65

150000

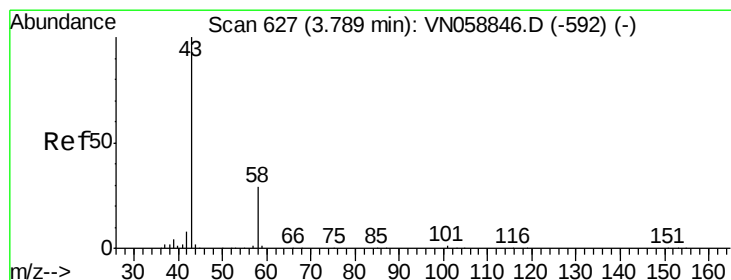
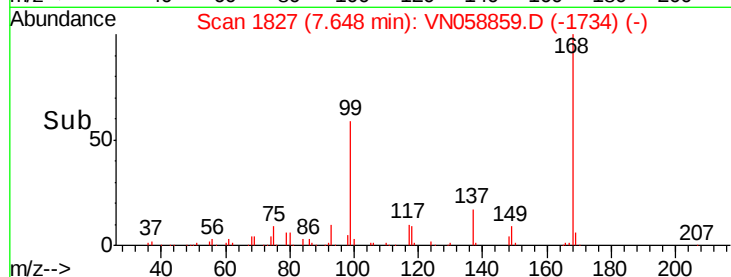
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 9.132 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN058859.D

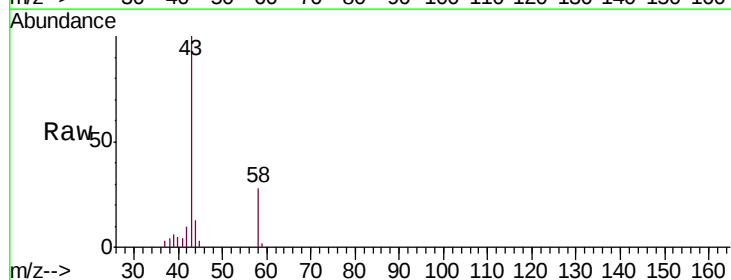
Acq: 18 Oct 2019 15:42

Tgt Ion: 43 Resp: 23358

Ion Ratio Lower Upper

43 100

58 27.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-592) (-)

3.80

8000

6000

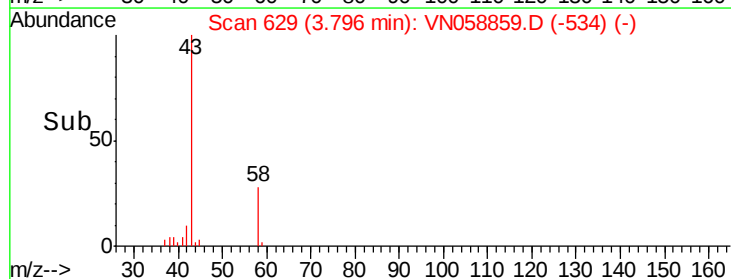
4000

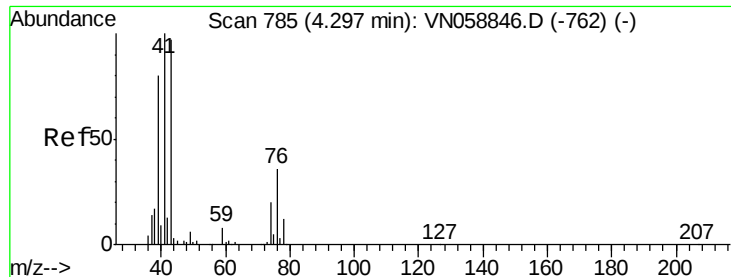
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->

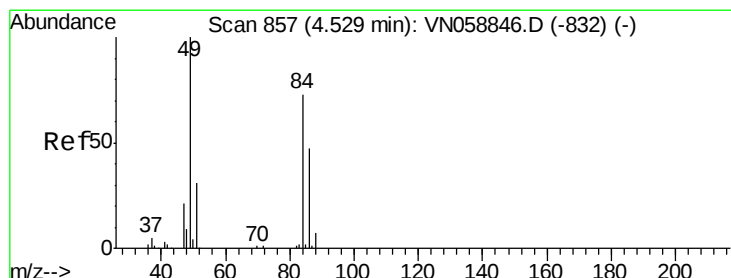
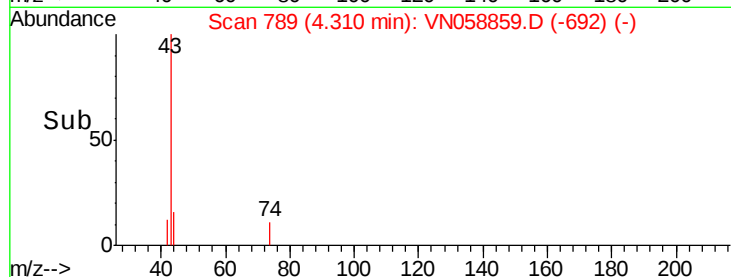
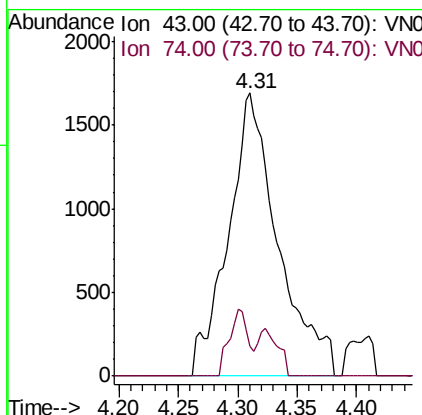
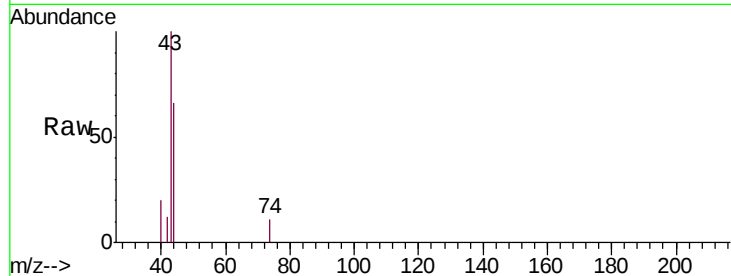




#18
Methyl Acetate
Concen: 0.844 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058859.D
Acq: 18 Oct 2019 15:42

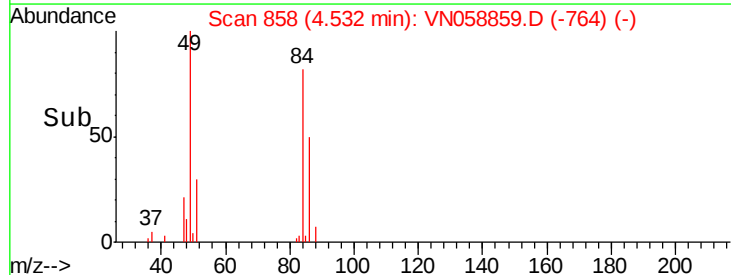
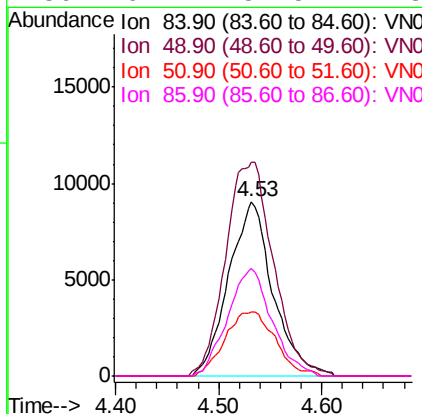
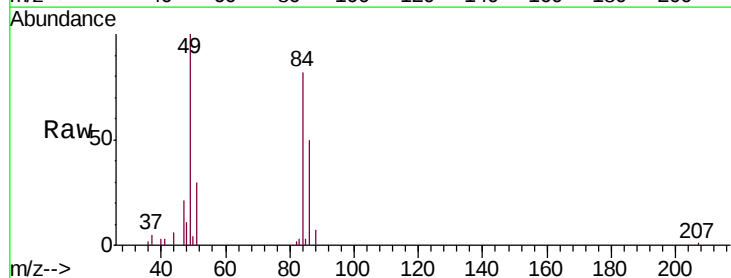
Instrument :
MSVOA_N
ClientSampleId :
TR-04-101619

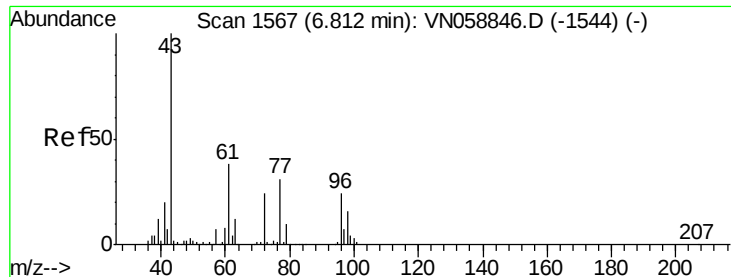
Tgt Ion: 43 Resp: 4907
Ion Ratio Lower Upper
43 100
74 9.0 17.1 25.7#



#20
Methylene Chloride
Concen: 6.199 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058859.D
Acq: 18 Oct 2019 15:42

Tgt Ion: 84 Resp: 27073
Ion Ratio Lower Upper
84 100
49 122.4 109.6 164.4
51 36.6 33.8 50.6
86 61.7 51.5 77.3





#25

2-Butanone

Concen: 0.315 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

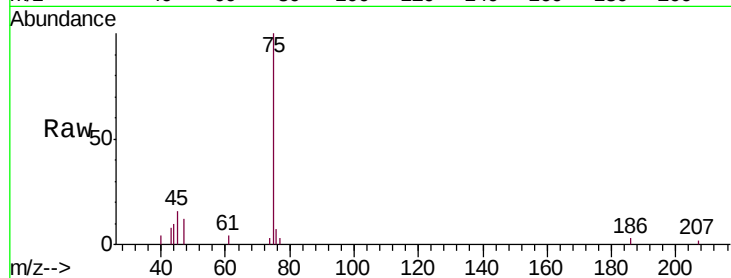
TR-04-101619

Tgt Ion: 43 Resp: 1045

Ion Ratio Lower Upper

43 100

72 0.0 19.1 28.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.80

600

500

400

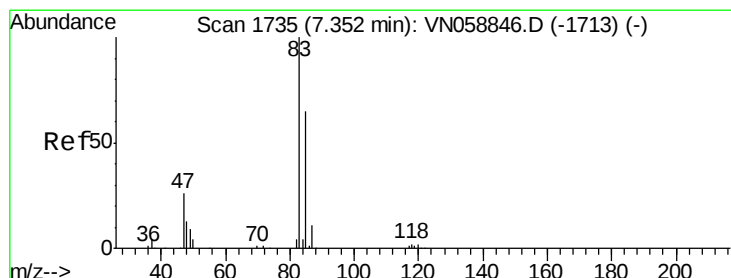
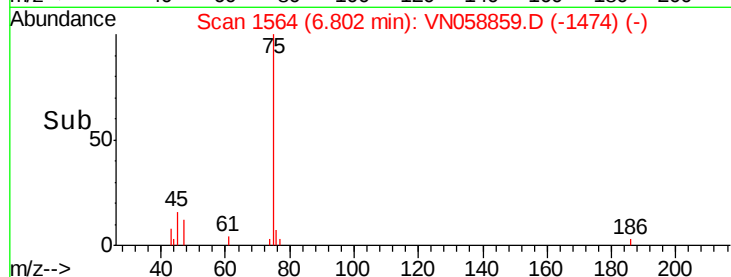
300

200

100

0

Time--> 6.74 6.76 6.78 6.80 6.82



#30

Chloroform

Concen: 0.493 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.01 min

Lab File: VN058859.D

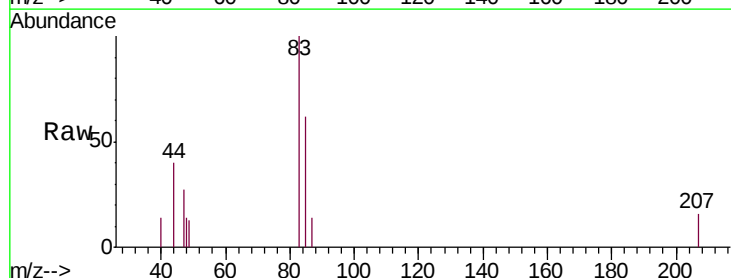
Acq: 18 Oct 2019 15:42

Tgt Ion: 83 Resp: 3947

Ion Ratio Lower Upper

83 100

85 62.1 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.36

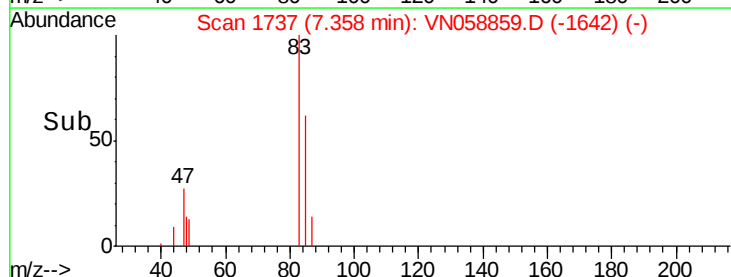
1500

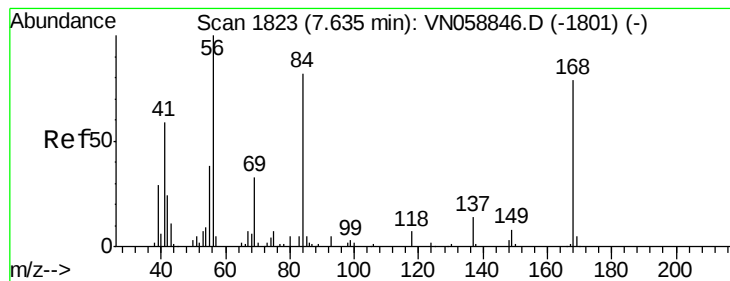
1000

500

0

Time--> 7.30 7.35 7.40





#31

Cyclohexane

Concen: 1.193 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

TR-04-101619

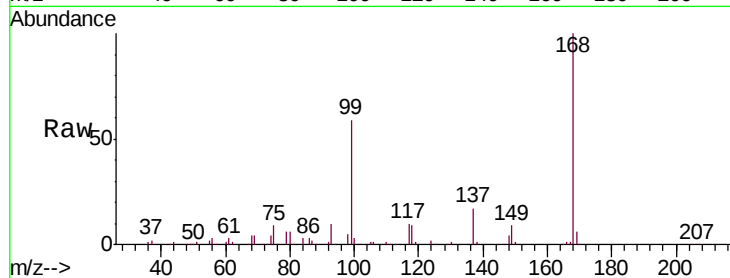
Tgt Ion: 56 Resp: 8871

Ion Ratio Lower Upper

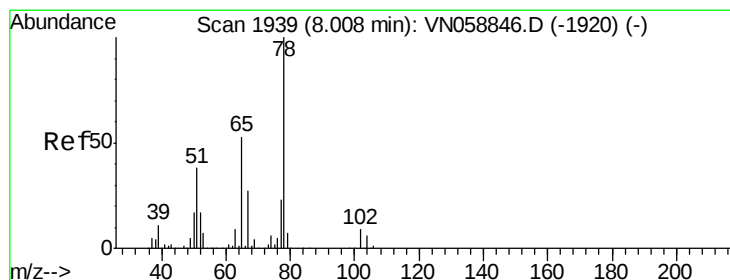
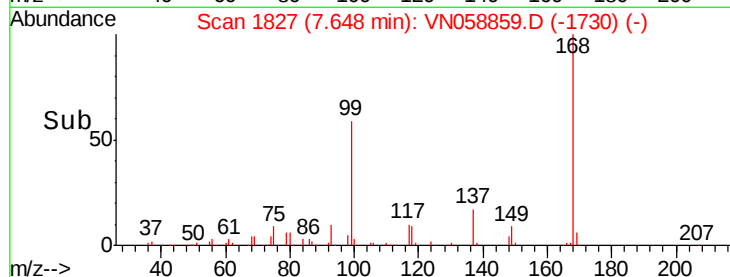
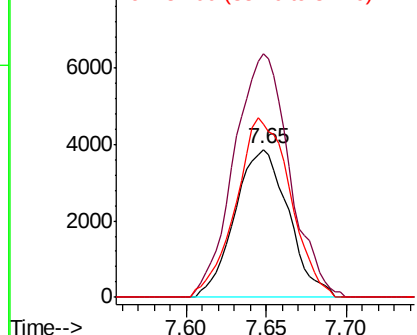
56 100

69 165.0 26.2 39.4#

84 116.9 65.6 98.4#



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.412 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058859.D

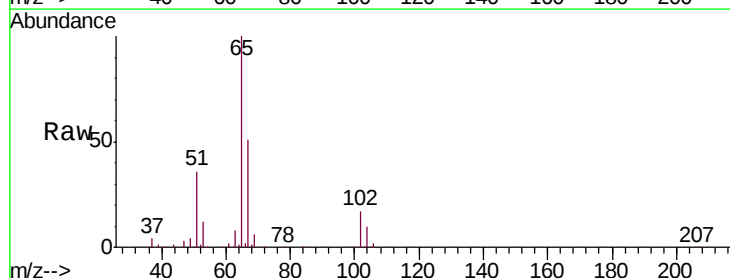
Acq: 18 Oct 2019 15:42

Tgt Ion: 65 Resp: 266129

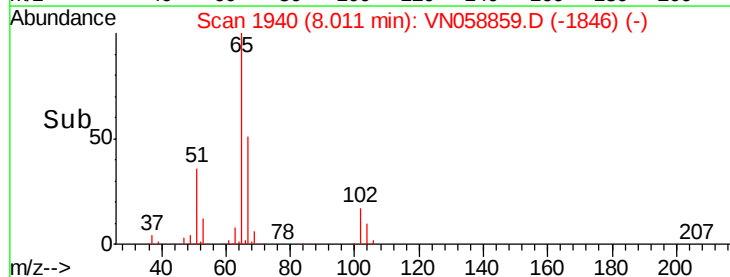
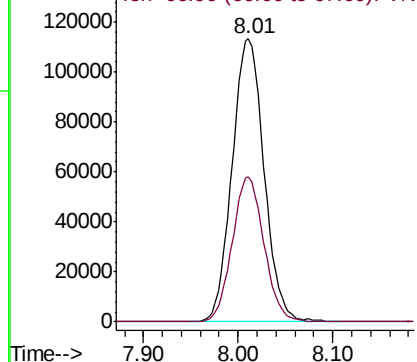
Ion Ratio Lower Upper

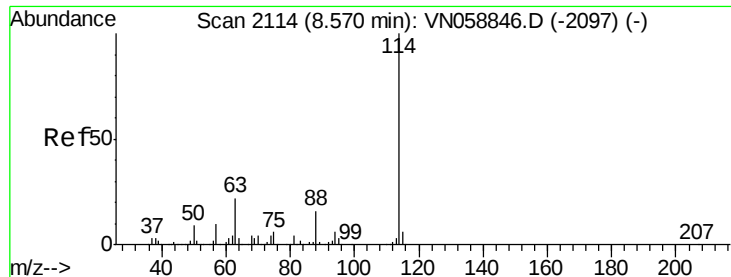
65 100

67 50.8 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

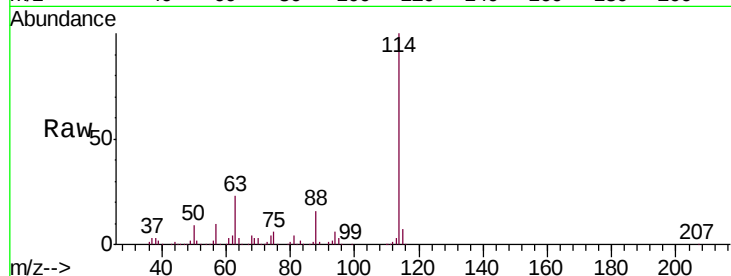




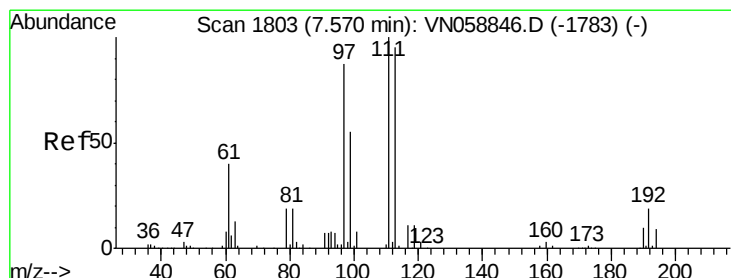
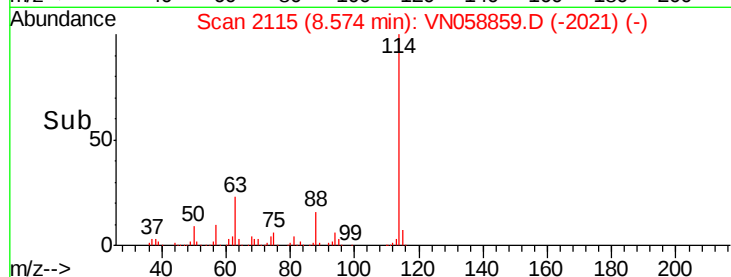
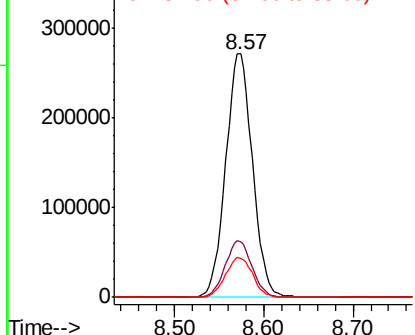
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058859.D
Acq: 18 Oct 2019 15:42

Instrument :
MSVOA_N
ClientSampleId :
TR-04-101619

Tgt Ion:114 Resp: 564462
Ion Ratio Lower Upper
114 100
63 23.0 0.0 44.4
88 16.2 0.0 31.4

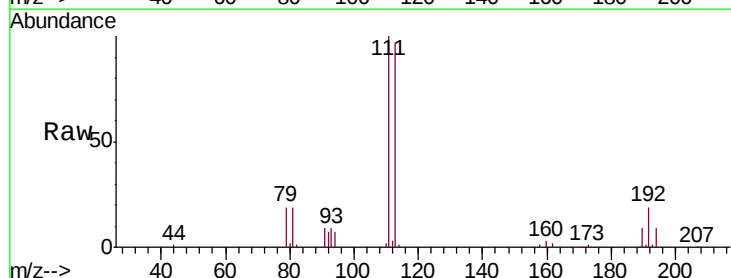


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

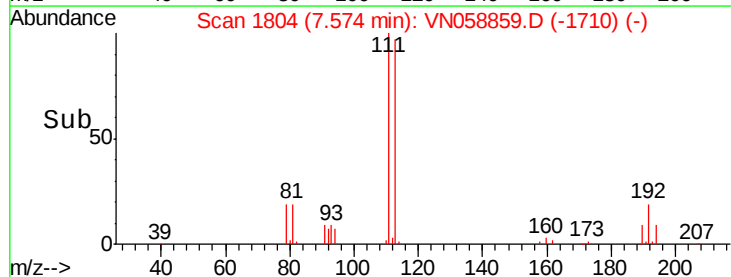
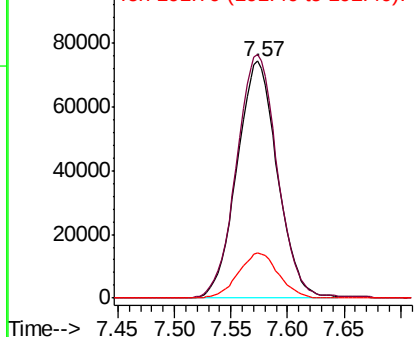


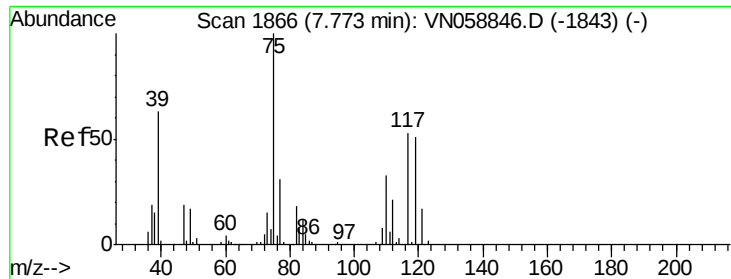
#35
Dibromofluoromethane
Concen: 49.890 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058859.D
Acq: 18 Oct 2019 15:42

Tgt Ion:113 Resp: 185151
Ion Ratio Lower Upper
113 100
111 103.8 82.0 123.0
192 18.8 15.0 22.6



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

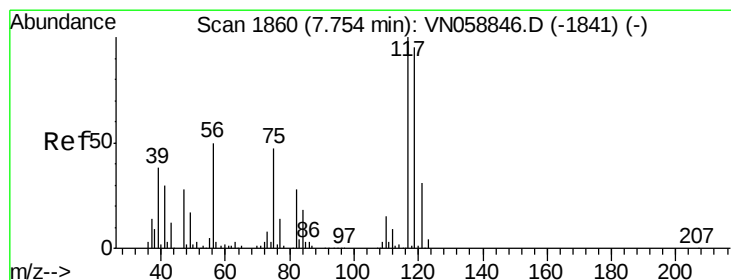
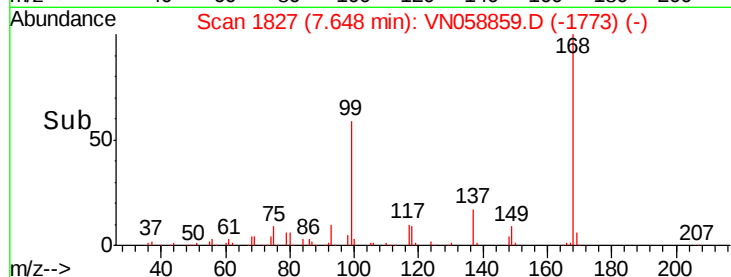
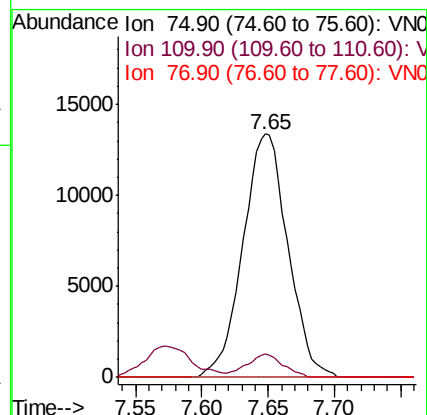
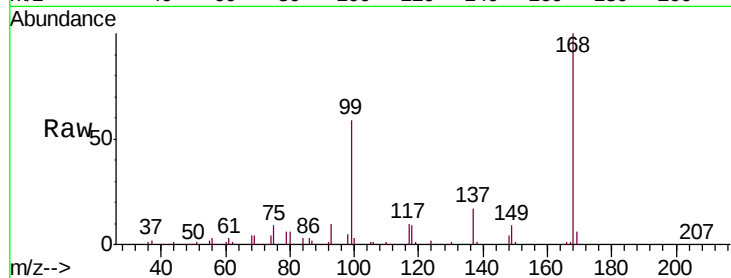




#36
 1,1-Dichloropropene
 Concen: 5.460 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058859.D
 Acq: 18 Oct 2019 15:42

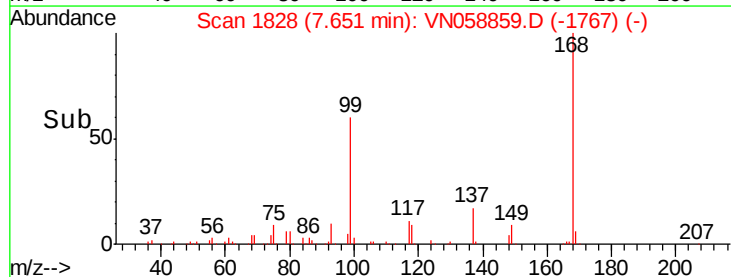
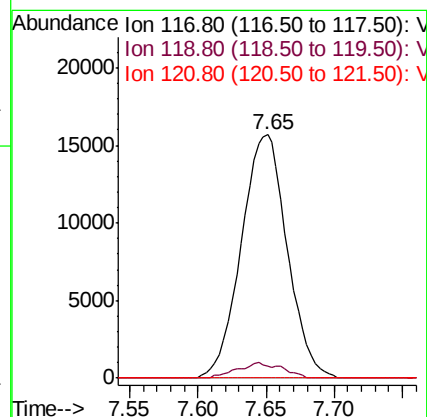
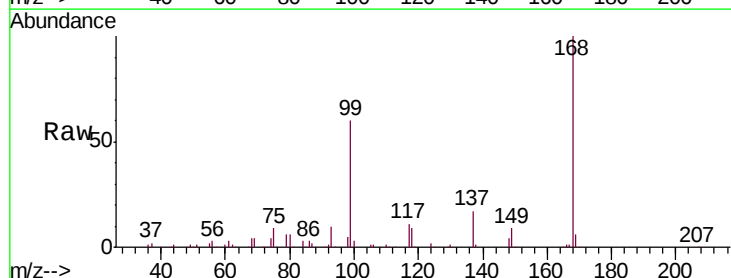
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-101619

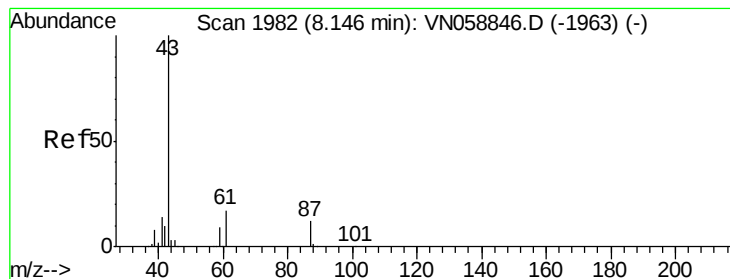
Tgt Ion: 75 Resp: 31555
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.3 48.9#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.144 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.10 min
 Lab File: VN058859.D
 Acq: 18 Oct 2019 15:42

Tgt Ion: 117 Resp: 36576
 Ion Ratio Lower Upper
 117 100
 119 4.7 75.7 113.5#
 121 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 9.406 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

TR-04-101619

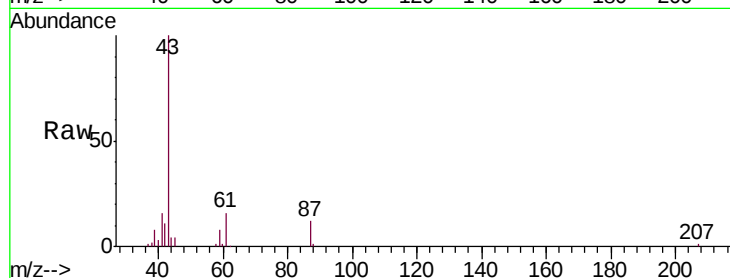
Tgt Ion: 43 Resp: 94987

Ion Ratio Lower Upper

43 100

61 17.7 20.2 30.2#

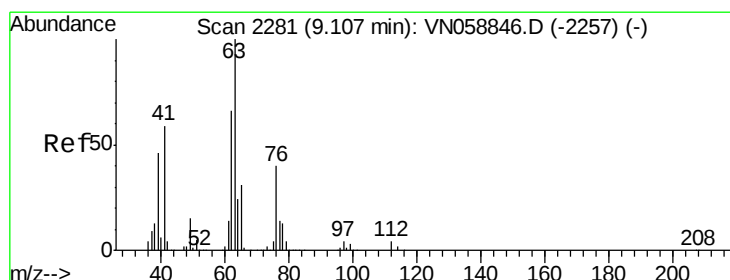
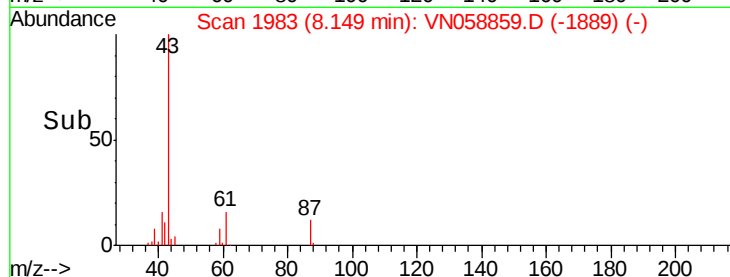
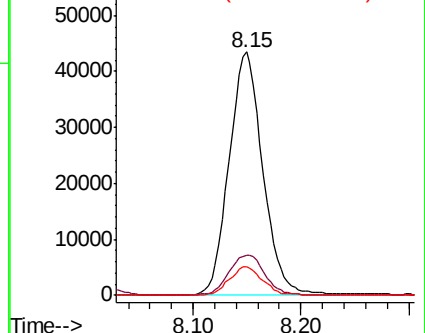
87 11.6 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN058846.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN058846.D (-1963) (-)



#45

1,2-Dichloropropane

Concen: 0.417 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058859.D

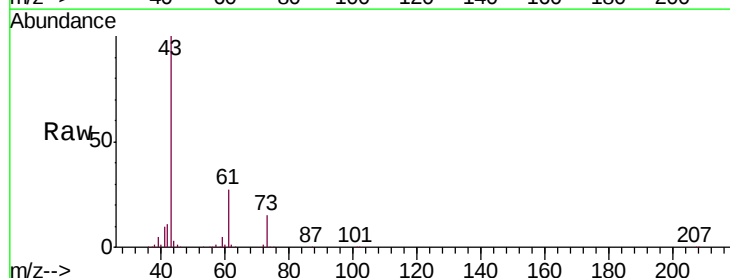
Acq: 18 Oct 2019 15:42

Tgt Ion: 63 Resp: 1939

Ion Ratio Lower Upper

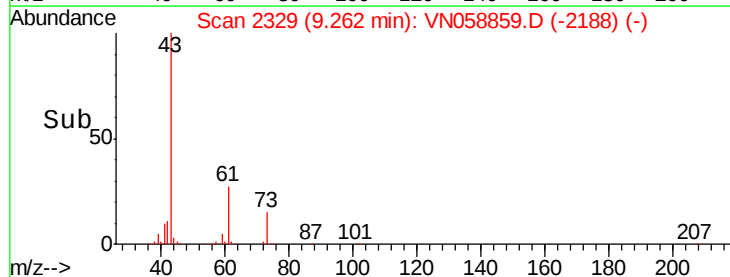
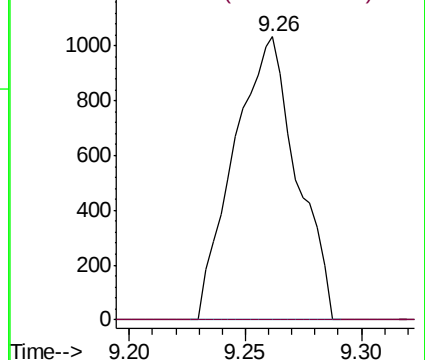
63 100

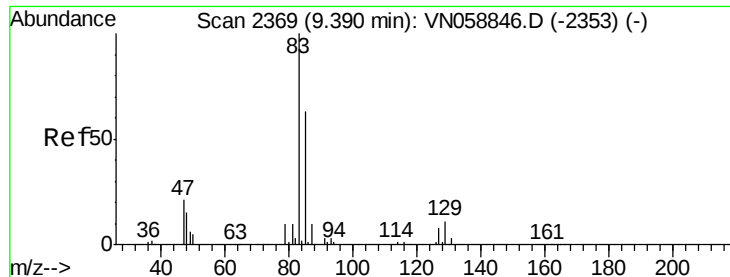
65 0.0 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VN058846.D (-2257) (-)

Ion 64.90 (64.60 to 65.60): VN058846.D (-2257) (-)





#47

Bromodichloromethane

Concen: 0.260 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

TR-04-101619

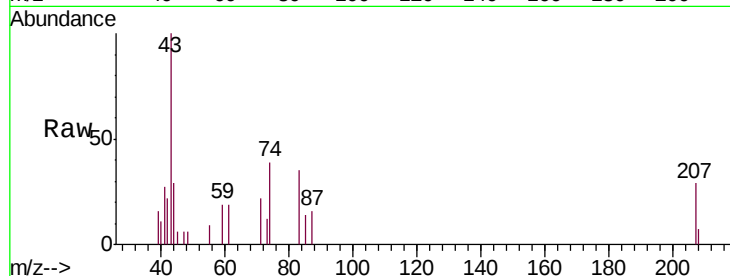
Tgt Ion: 83 Resp: 1579

Ion Ratio Lower Upper

83 100

85 39.0 50.6 75.8#

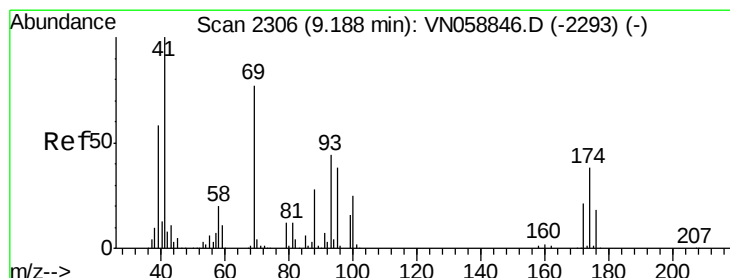
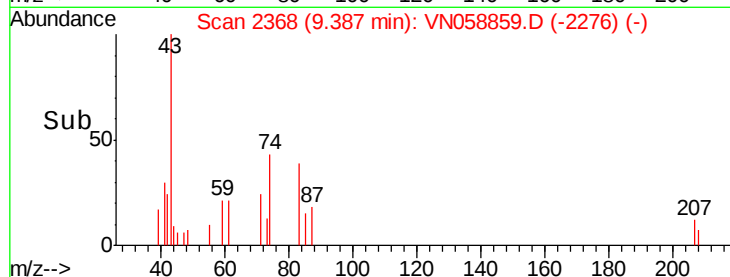
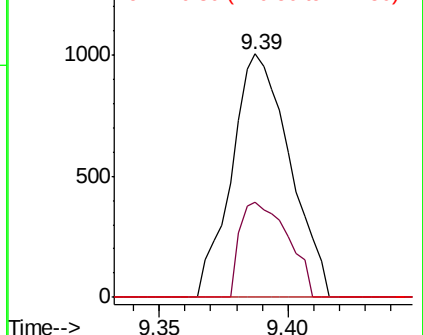
127 0.0 6.5 9.7#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.577 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.03 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

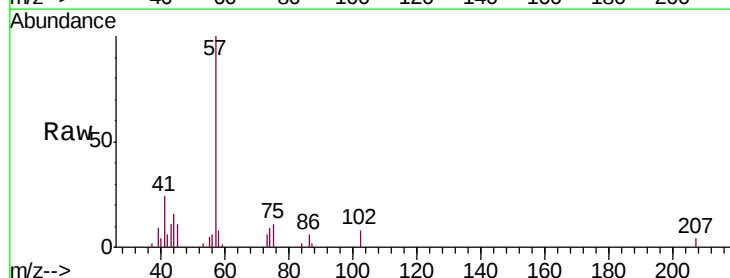
Tgt Ion: 41 Resp: 7225

Ion Ratio Lower Upper

41 100

69 0.0 63.8 95.6#

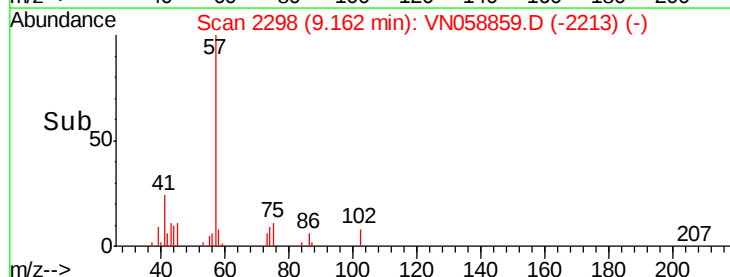
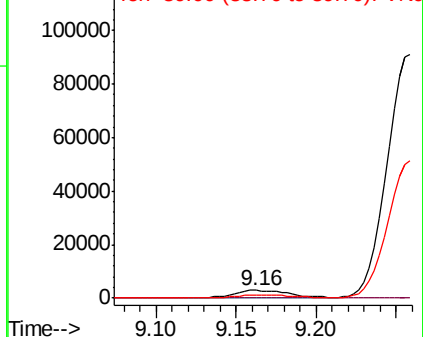
39 0.0 47.8 71.8#

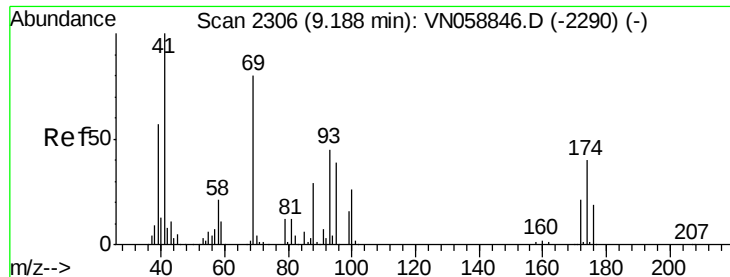


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

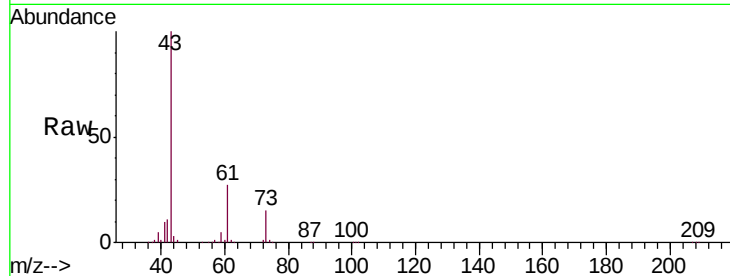




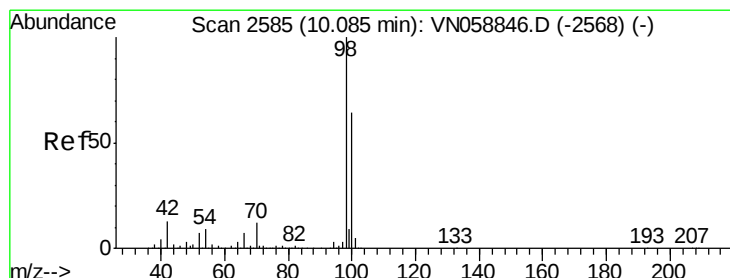
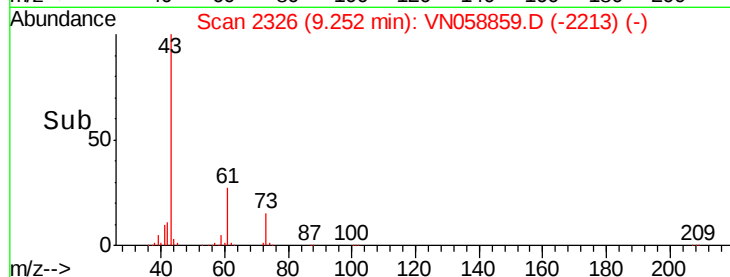
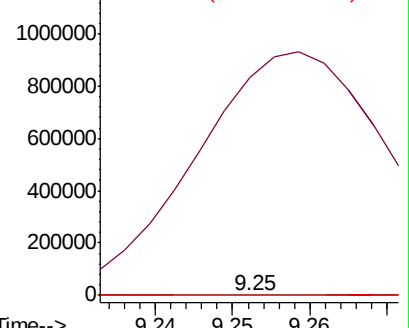
#49
1,4-Dioxane
Concen: 1.276 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.06 min
Lab File: VN058859.D
Acq: 18 Oct 2019 15:42

Instrument :
MSVOA_N
ClientSampleId :
TR-04-101619

Tgt Ion: 88 Resp: 96
Ion Ratio Lower Upper
88 100
43 0.0 29.1 43.7#
58 8392.7 59.4 89.0#

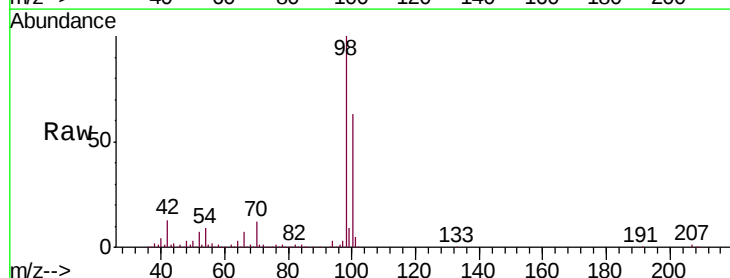


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

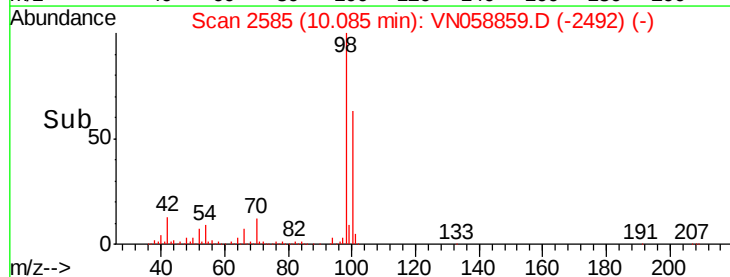
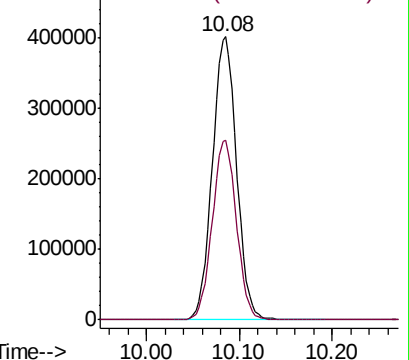


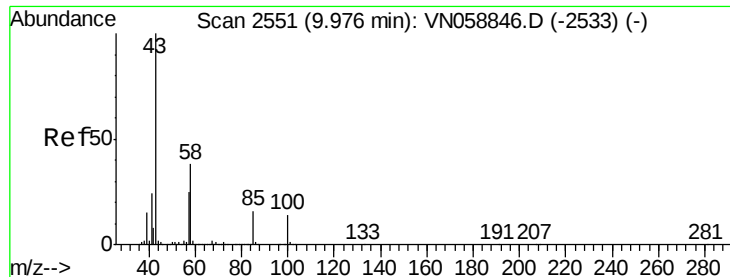
#50
Toluene-d8
Concen: 50.555 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058859.D
Acq: 18 Oct 2019 15:42

Tgt Ion: 98 Resp: 728315
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.2



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

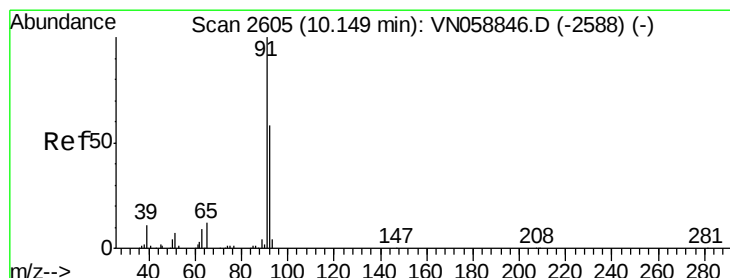
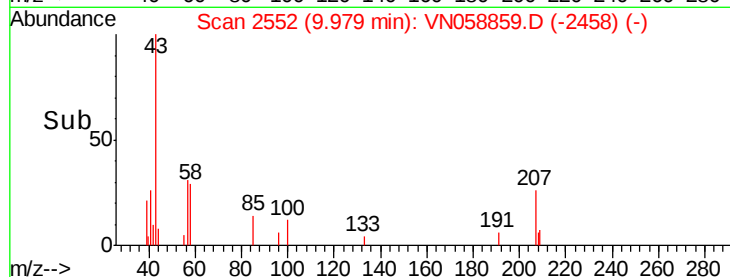
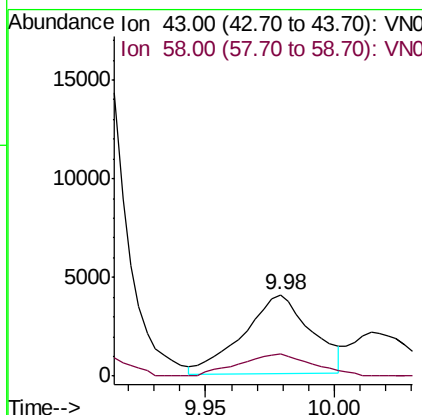
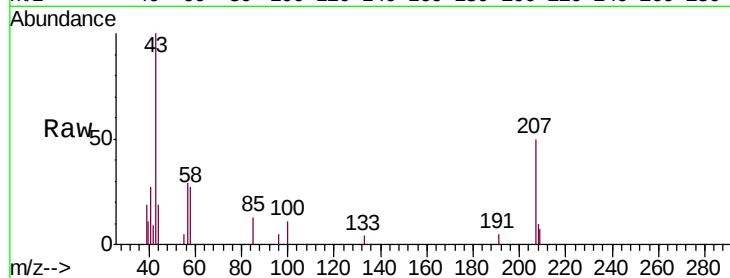




#51
 4-Methyl-2-Pentanone
 Concen: 1.250 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN058859.D
 Acq: 18 Oct 2019 15:42

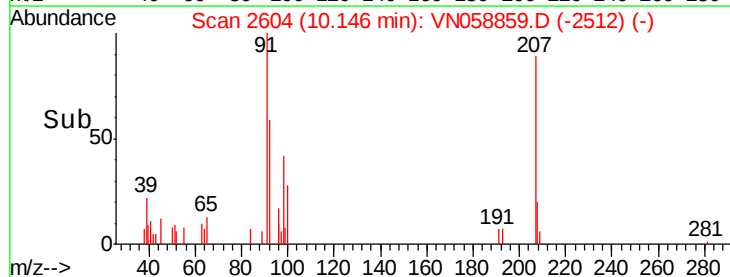
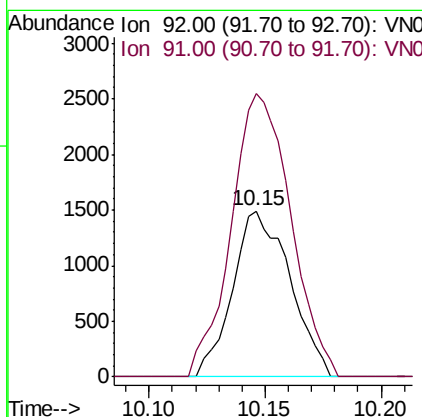
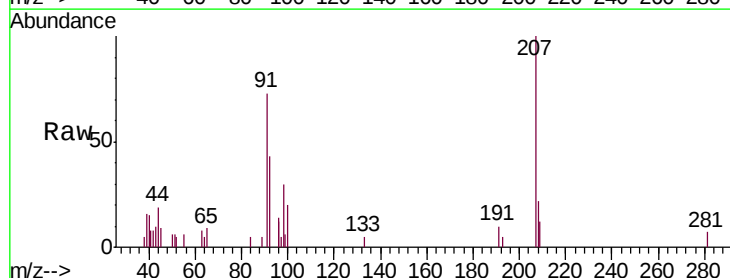
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-101619

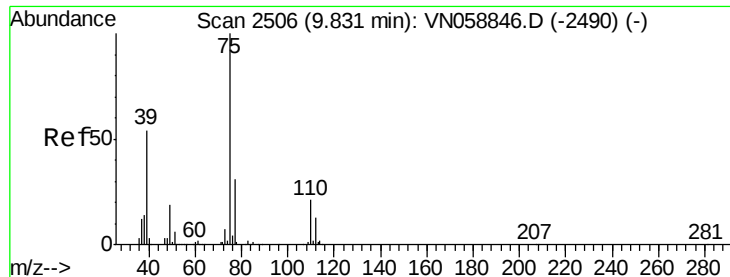
Tgt Ion: 43 Resp: 7374
 Ion Ratio Lower Upper
 43 100
 58 29.9 29.9 44.9#



#52
 Toluene
 Concen: 0.254 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. -0.00 min
 Lab File: VN058859.D
 Acq: 18 Oct 2019 15:42

Tgt Ion: 92 Resp: 2553
 Ion Ratio Lower Upper
 92 100
 91 177.6 138.9 208.3



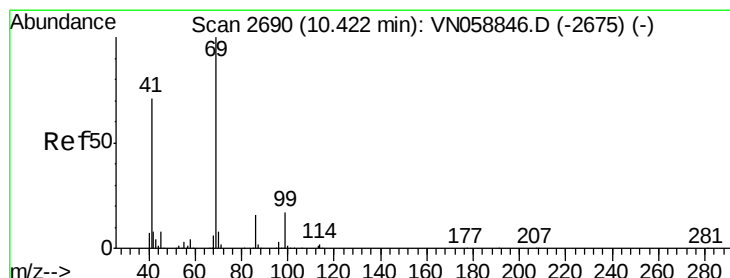
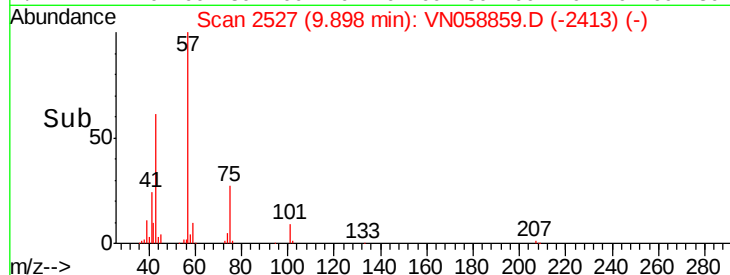
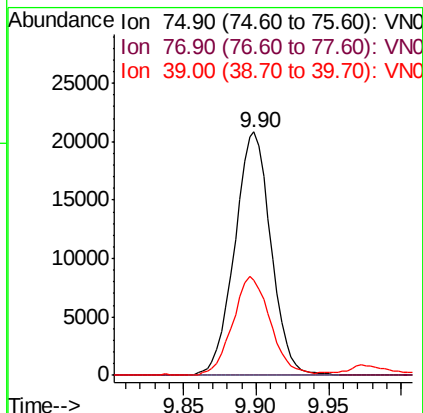
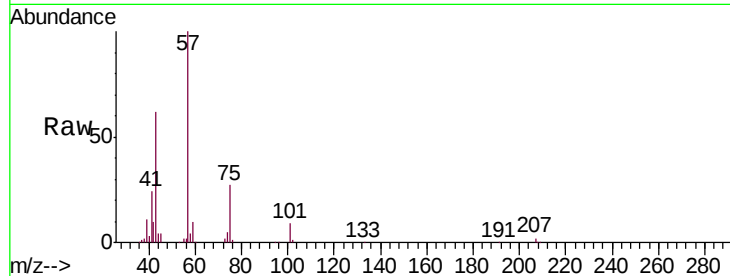


#54

cis-1,3-Dichloropropene
Concen: 5.047 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.07 min
Lab File: VN058859.D
Acq: 18 Oct 2019 15:42

Instrument :
MSVOA_N
ClientSampled :
TR-04-101619

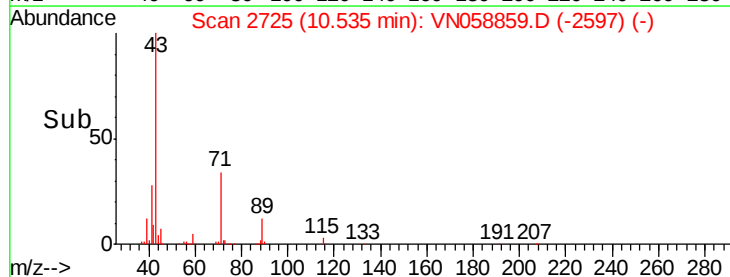
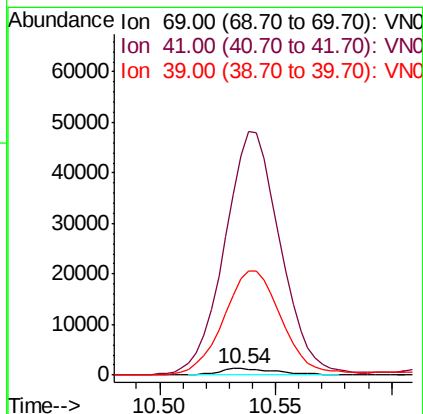
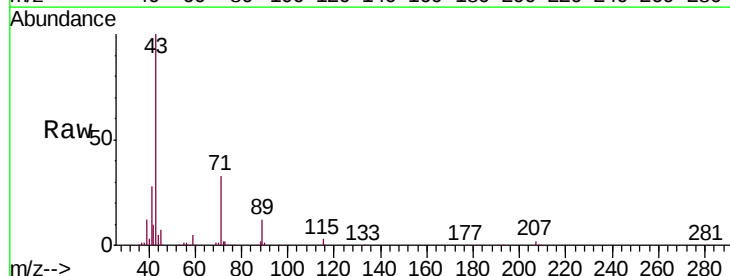
Tgt Ion: 75 Resp: 36193
Ion Ratio Lower Upper
75 100
77 0.0 24.7 37.1#
39 38.9 43.5 65.3#

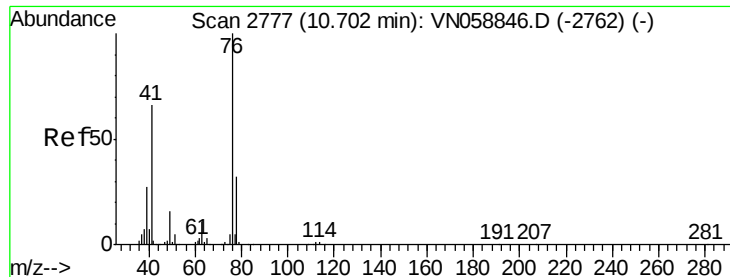


#56

Ethyl methacrylate
Concen: 2.409 ug/l
RT: 10.54 min Scan# 2725
Delta R.T. 0.11 min
Lab File: VN058859.D
Acq: 18 Oct 2019 15:42

Tgt Ion: 69 Resp: 2261
Ion Ratio Lower Upper
69 100
41 3584.5 57.2 85.8#
39 1599.5 31.0 46.4#





#57

1,3-Dichloropropane

Concen: 0.931 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

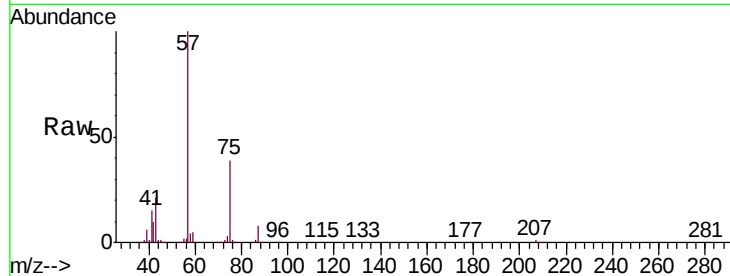
TR-04-101619

Tgt Ion: 76 Resp: 6777

Ion Ratio Lower Upper

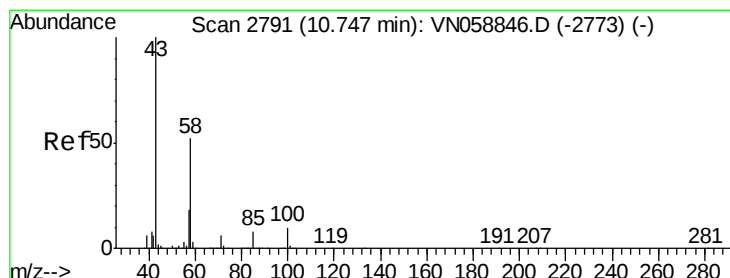
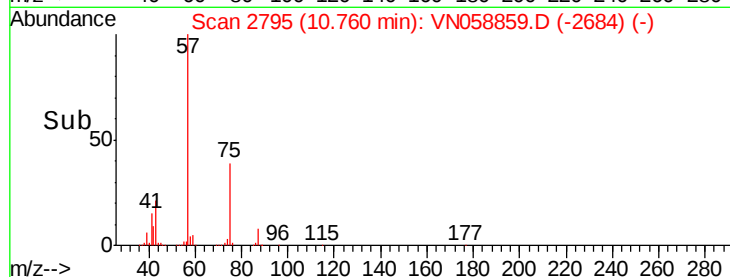
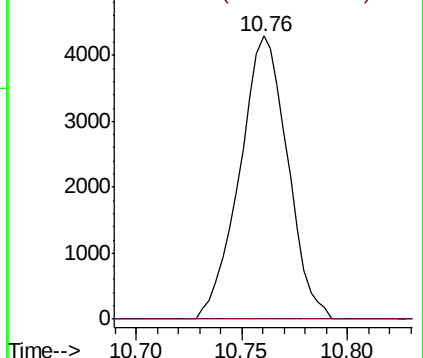
76 100

78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 24.164 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN058859.D

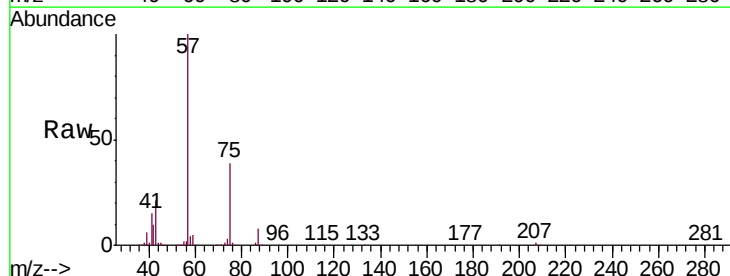
Acq: 18 Oct 2019 15:42

Tgt Ion: 43 Resp: 110138

Ion Ratio Lower Upper

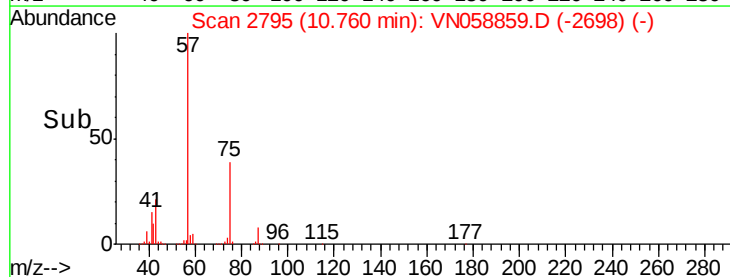
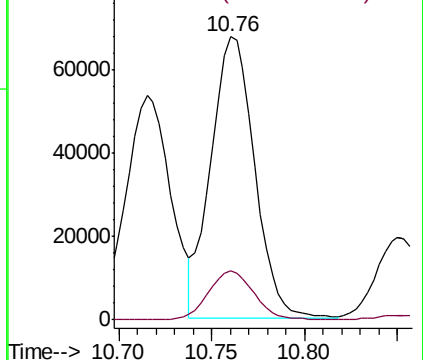
43 100

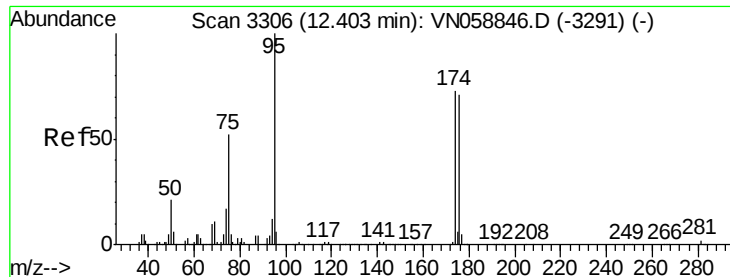
58 18.1 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.361 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

TR-04-101619

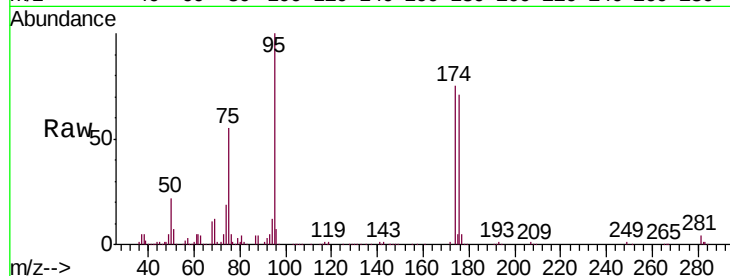
Tgt Ion: 95 Resp: 239976

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.6

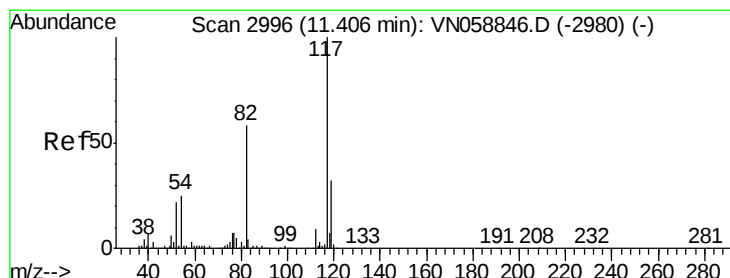
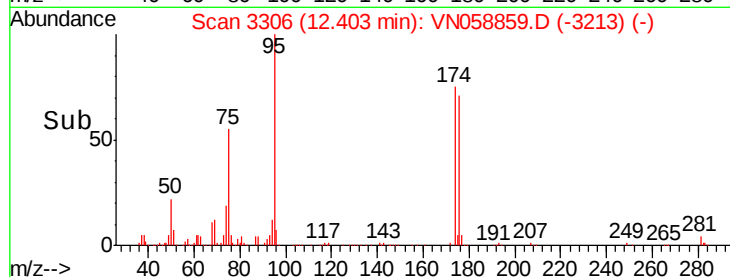
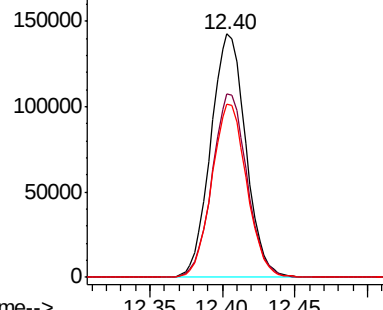
176 71.2 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

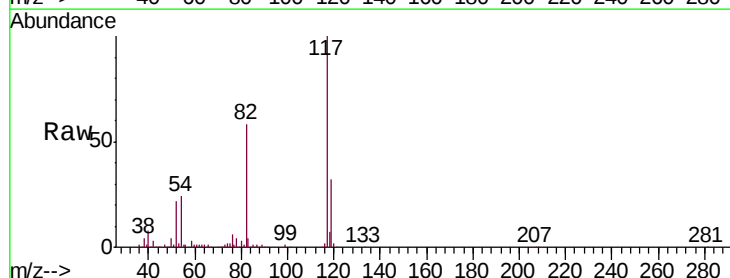
Tgt Ion: 117 Resp: 533396

Ion Ratio Lower Upper

117 100

82 58.4 46.6 69.8

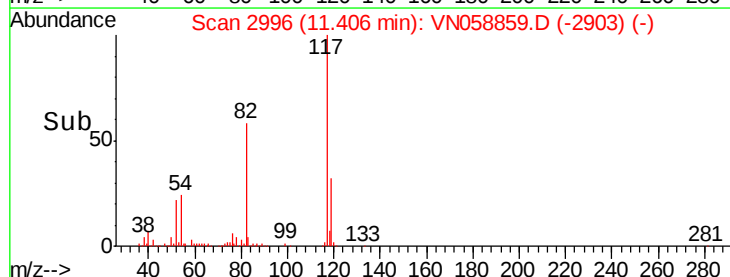
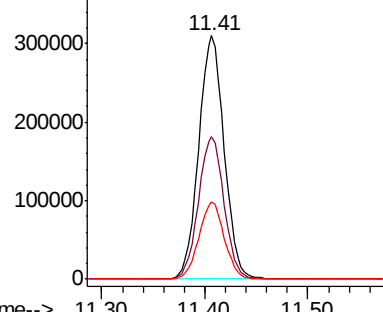
119 32.0 25.6 38.4

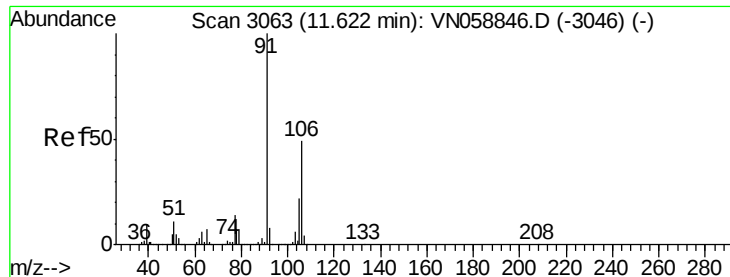


Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)

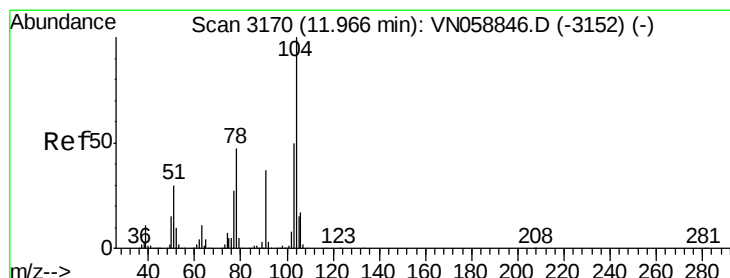
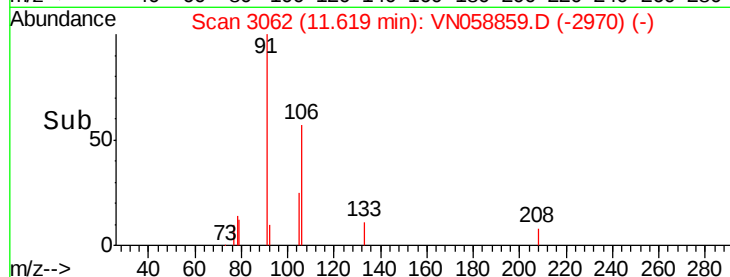
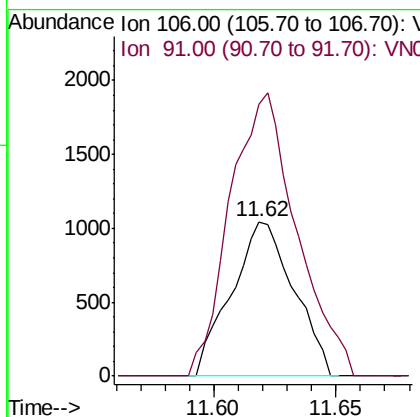
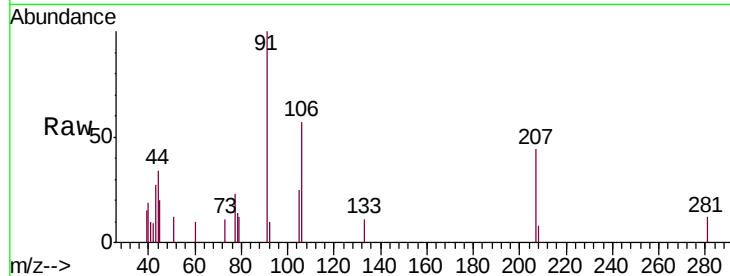




#68
m/p-Xylenes
Concen: 0.262 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058859.D
Acq: 18 Oct 2019 15:42

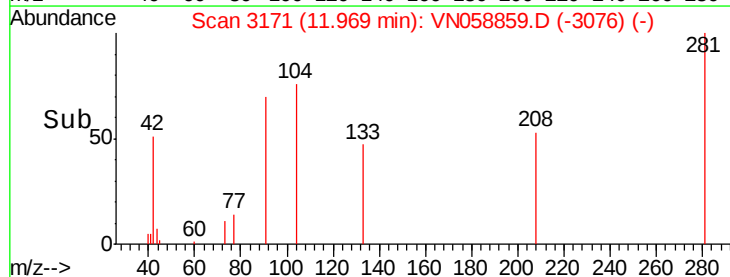
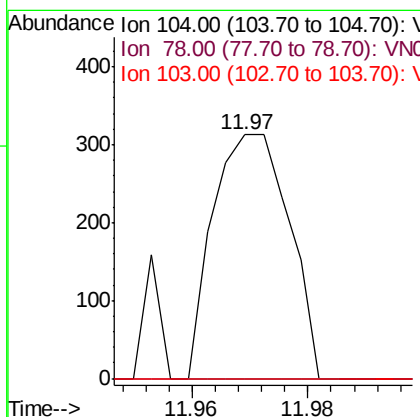
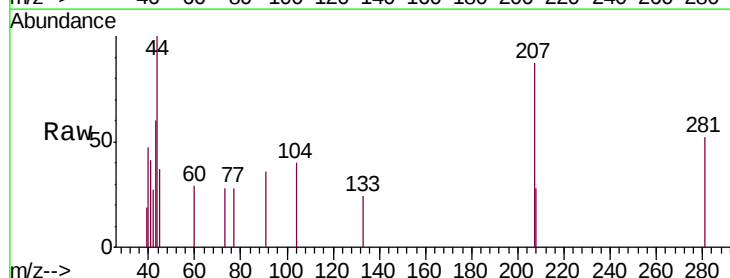
Instrument :
MSVOA_N
ClientSampleId :
TR-04-101619

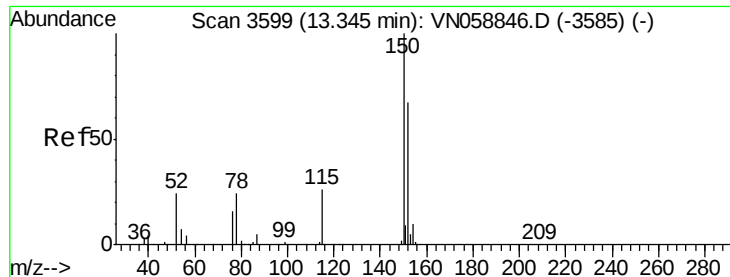
Tgt Ion:106 Resp: 1852
Ion Ratio Lower Upper
106 100
91 195.7 166.6 249.8



#70
Styrene
Concen: 1.736 ug/l
RT: 11.97 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN058859.D
Acq: 18 Oct 2019 15:42

Tgt Ion:104 Resp: 285
Ion Ratio Lower Upper
104 100
78 0.0 42.8 64.2#
103 0.0 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

TR-04-101619

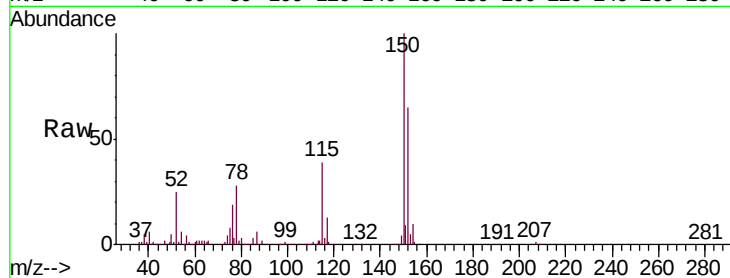
Tgt Ion:152 Resp: 204396

Ion Ratio Lower Upper

152 100

115 61.3 30.5 91.5

150 157.0 0.0 344.4

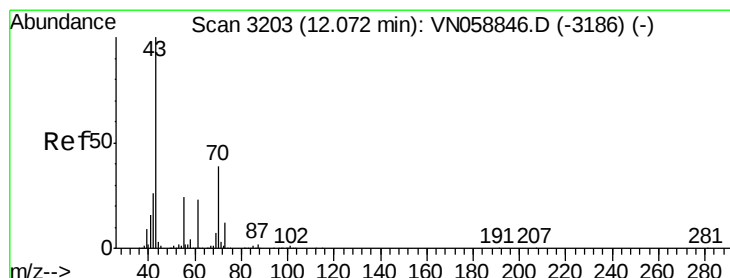
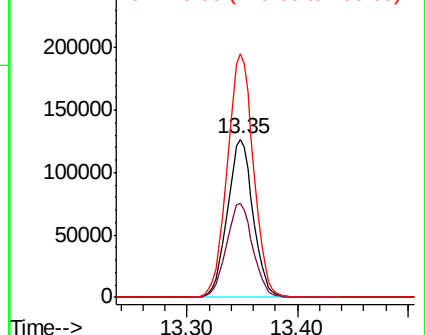
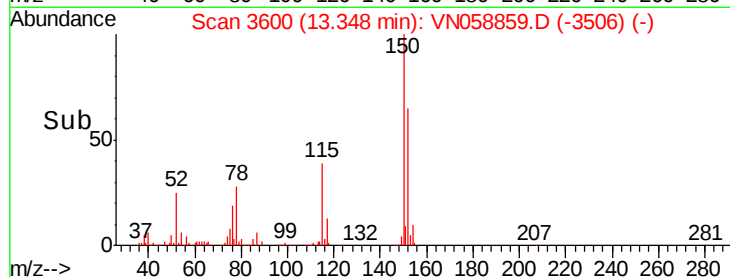


Abundance

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



#74

N-ethyl acetate

Concen: 0.673 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Tgt Ion: 43 Resp: 4560

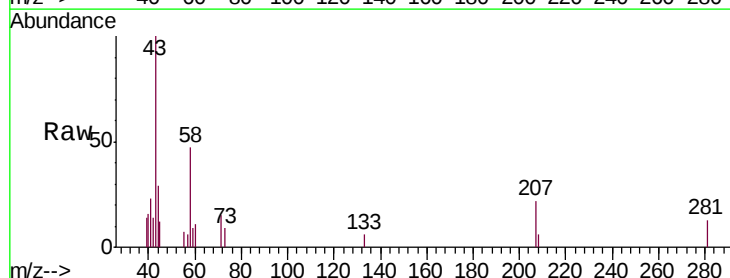
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 4.9 19.7 29.5#

61 0.0 18.2 27.4#



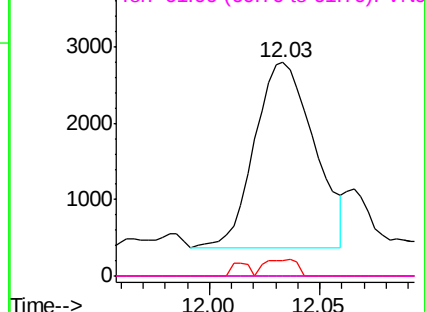
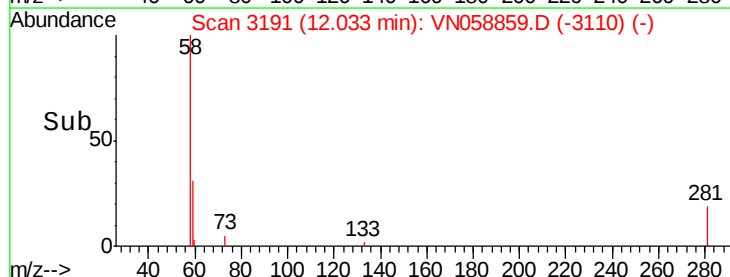
Abundance

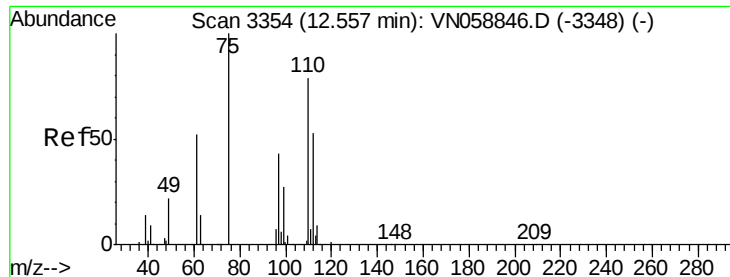
Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 27.609 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

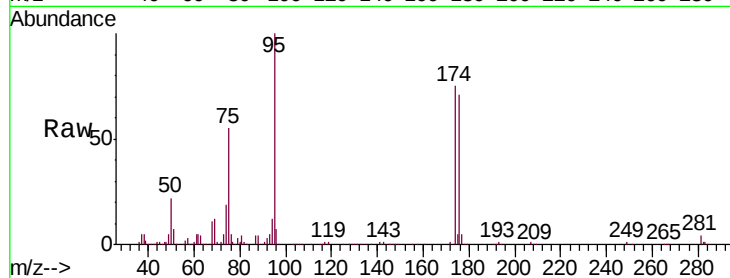
TR-04-101619

Tgt Ion: 75 Resp: 130788

Ion Ratio Lower Upper

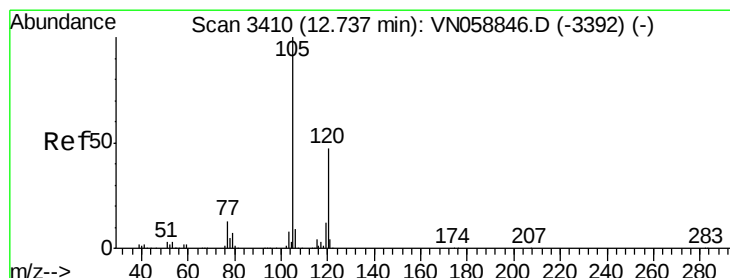
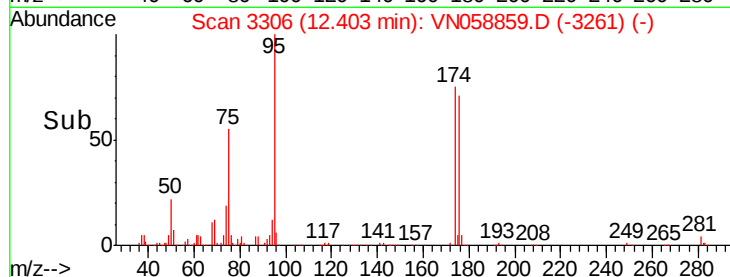
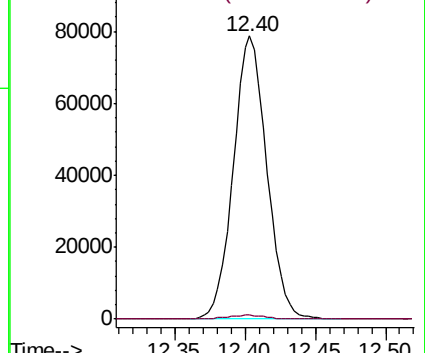
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN058846.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN058846.D (-3348) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.372 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058859.D

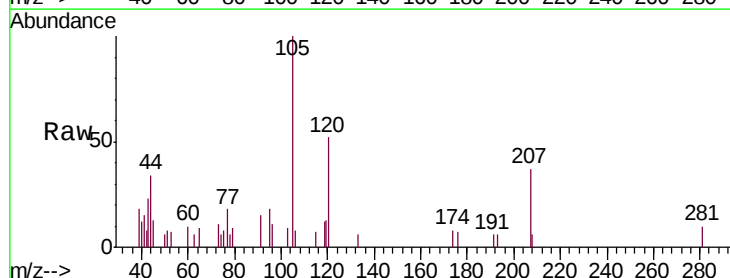
Acq: 18 Oct 2019 15:42

Tgt Ion: 105 Resp: 4667

Ion Ratio Lower Upper

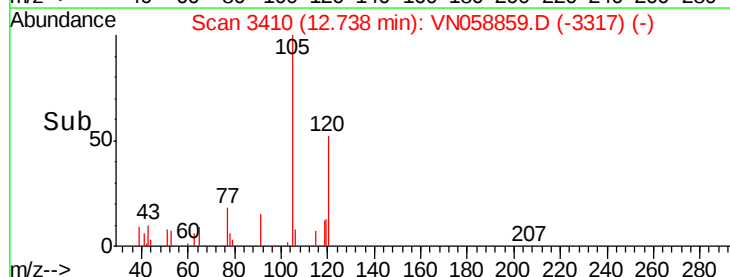
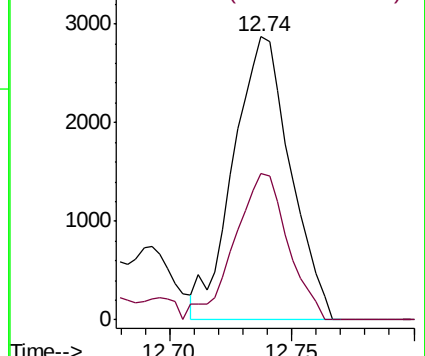
105 100

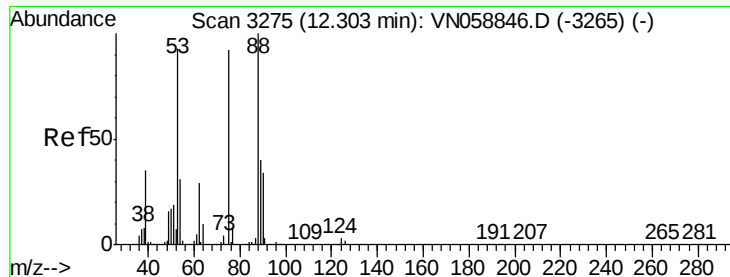
120 48.4 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VN058846.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN058846.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 71.924 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

TR-04-101619

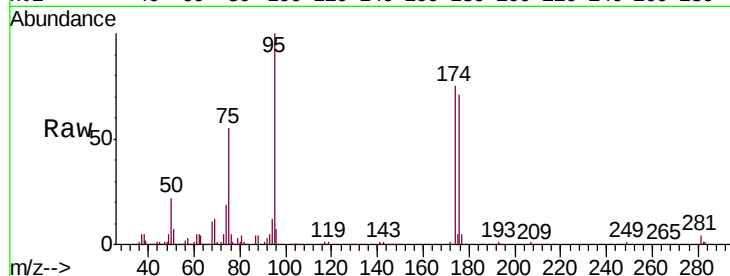
Tgt Ion: 75 Resp: 130788

Ion Ratio Lower Upper

75 100

53 0.1 78.6 118.0#

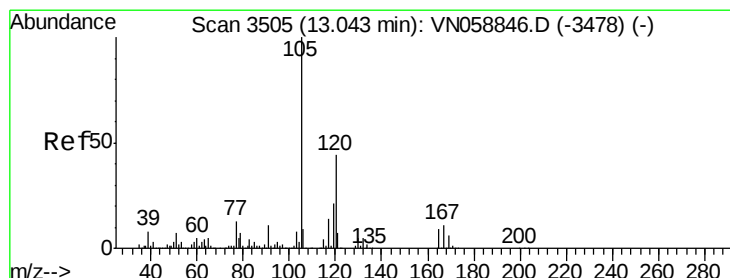
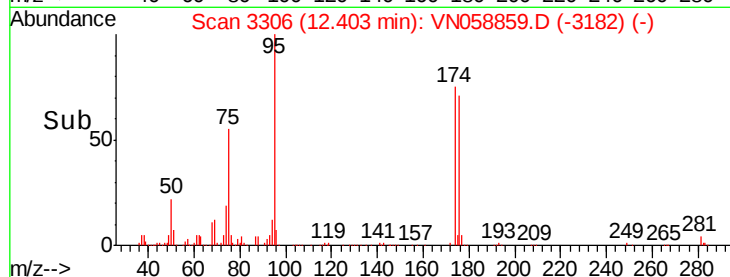
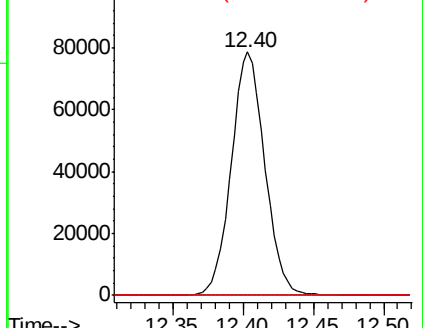
89 0.1 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.393 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN058859.D

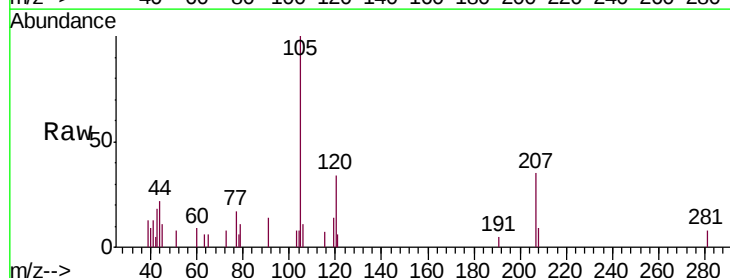
Acq: 18 Oct 2019 15:42

Tgt Ion: 105 Resp: 4870

Ion Ratio Lower Upper

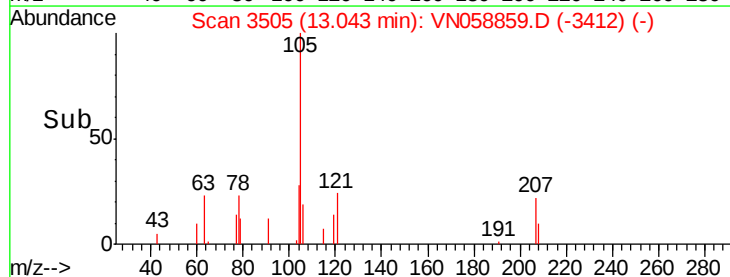
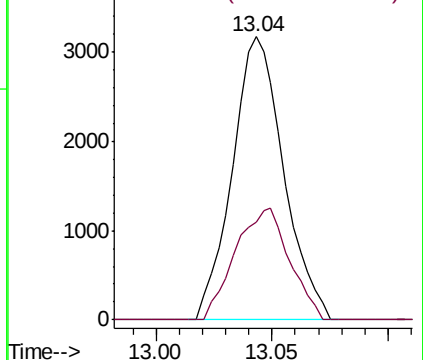
105 100

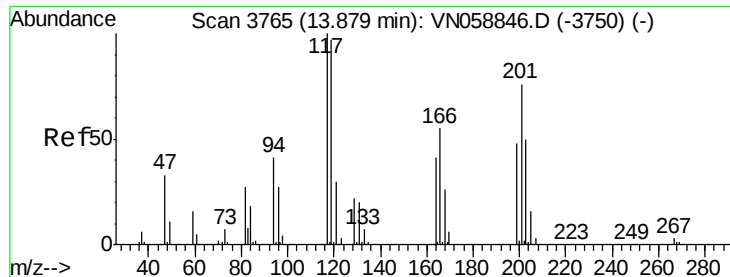
120 41.6 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.203 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

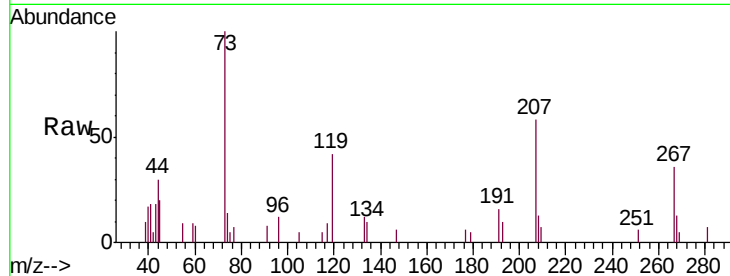
TR-04-101619

Tgt Ion:117 Resp: 519

Ion Ratio Lower Upper

117 100

201 0.0 38.9 116.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

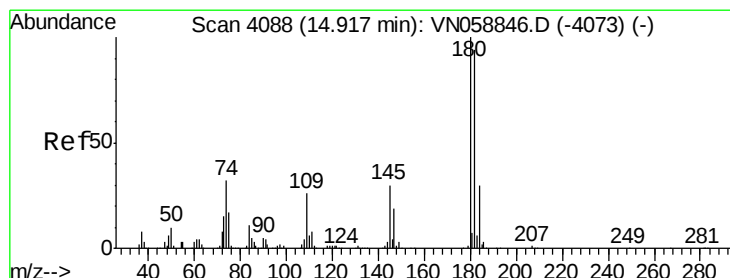
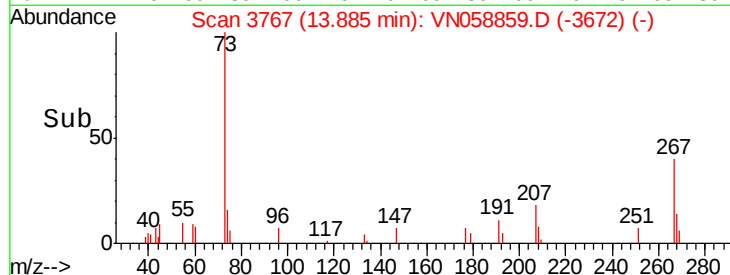
300

200

100

0

Time--> 13.85 13.90



#93

1,2,4-Trichlorobenzene

Concen: 2.570 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.00 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

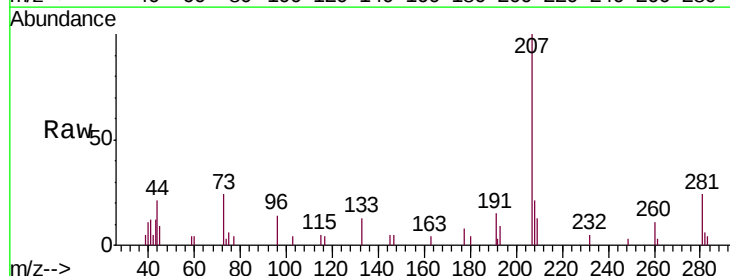
Tgt Ion:180 Resp: 212

Ion Ratio Lower Upper

180 100

182 0.0 47.3 142.0#

145 100.5 15.3 45.8#



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

14.92

300

250

200

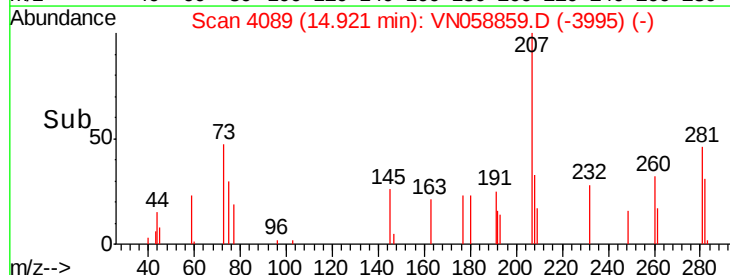
150

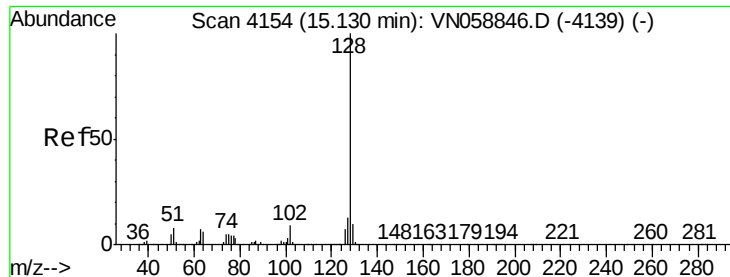
100

50

0

Time--> 14.90 14.92





#95

Naphthalene

Concen: 2.605 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

TR-04-101619

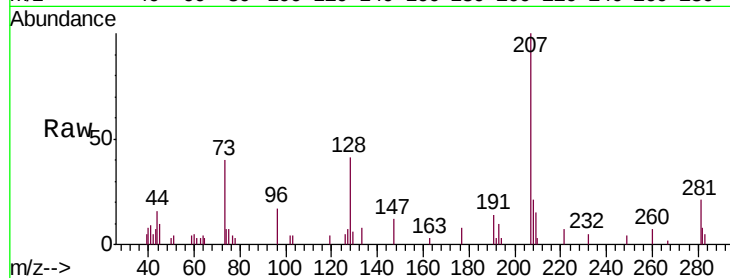
Tgt Ion:128 Resp: 4650

Ion Ratio Lower Upper

128 100

127 16.2 10.2 15.2#

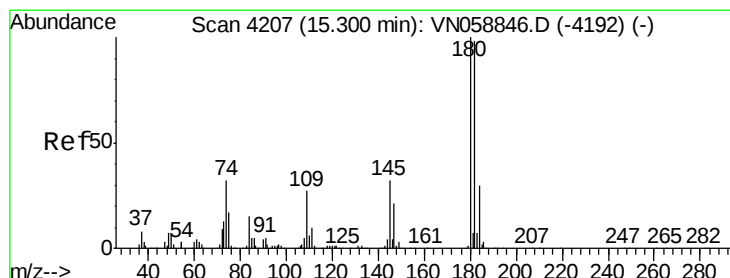
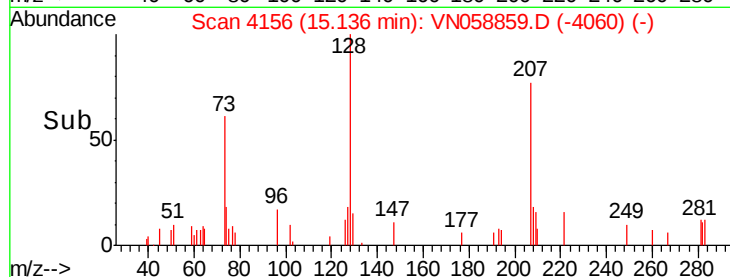
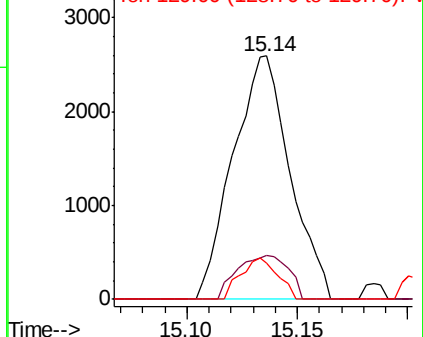
129 11.0 8.4 12.6



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: 2.428 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. 0.01 min

Lab File: VN058859.D

Acq: 18 Oct 2019 15:42

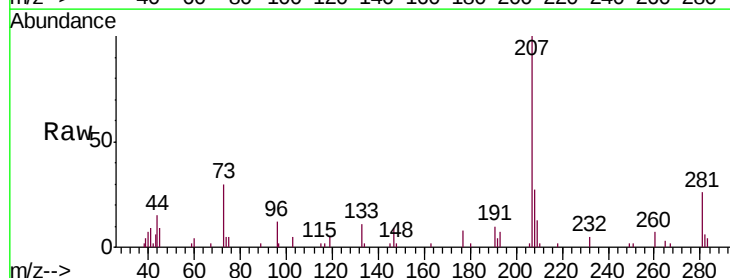
Tgt Ion:180 Resp: 138

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.7#

145 150.0 15.9 47.7#



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

