

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058847.D
 Acq On : 18 Oct 2019 10:21
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 23:54:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 18 23:49:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	439340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	696033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	662723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	626242	100.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.80%	
35) Dibromofluoromethane	7.57	113	451552	103.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.56%	
50) Toluene-d8	10.08	98	1815632	104.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.60%	
62) 4-Bromofluorobenzene	12.40	95	698828	107.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	525935	96.317	ug/l	100
3) Chloromethane	2.04	50	619964	94.428	ug/l	99
4) Vinyl Chloride	2.17	62	647164	99.068	ug/l	99
5) Bromomethane	2.53	94	379228	94.308	ug/l	97
6) Chloroethane	2.68	64	400667	98.896	ug/l	99
7) Trichlorofluoromethane	2.99	101	774888	97.782	ug/l	99
8) Diethyl Ether	3.39	74	282305	98.524	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	427209	95.848	ug/l	99
10) Methyl Iodide	3.93	142	603982	100.048	ug/l	99
11) Tert butyl alcohol	4.76	59	500444	493.784	ug/l	100
12) 1,1-Dichloroethene	3.71	96	419916	99.087	ug/l	98
13) Acrolein	3.58	56	384632	482.968	ug/l	98
14) Allyl chloride	4.30	41	862231	100.357	ug/l	99
15) Acrylonitrile	4.96	53	1348404	528.359	ug/l	99
16) Acetone	3.79	43	1530170	570.467	ug/l	99
17) Carbon Disulfide	4.03	76	1351199	99.119	ug/l	100
18) Methyl Acetate	4.30	43	659312	100.675	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	1527567	101.017	ug/l	99
20) Methylene Chloride	4.53	84	499172	93.369	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	469516	99.122	ug/l	97
22) Diisopropyl ether	5.92	45	1752262	104.683	ug/l	96
23) Vinyl Acetate	5.87	43	7086819	524.527	ug/l	96
24) 1,1-Dichloroethane	5.82	63	943099	99.374	ug/l	100
25) 2-Butanone	6.81	43	2028302	535.812	ug/l	99
26) 2,2-Dichloropropane	6.80	77	819844	94.737	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	533478	96.358	ug/l	99
28) Bromochloromethane	7.17	49	314722	95.490	ug/l	99
29) Tetrahydrofuran	7.19	42	1272644	525.288	ug/l	100
30) Chloroform	7.35	83	921130	96.314	ug/l	100
31) Cyclohexane	7.63	56	886928	97.400	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	807079	99.250	ug/l	99
36) 1,1-Dichloropropene	7.77	75	728008	102.425	ug/l	100
37) Ethyl Acetate	6.91	43	783138	107.755	ug/l	99
38) Carbon Tetrachloride	7.76	117	713325	102.998	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	857079	104.479	ug/l	99
40) Benzene	8.02	78	2102120	102.755	ug/l	98
41) Methacrylonitrile	7.18	41	1148011	348.126	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	783294	99.791	ug/l	99
43) Isopropyl Acetate	8.15	43	1290723	105.066	ug/l	100
44) Trichloroethene	8.82	130	508728	100.690	ug/l	100
45) 1,2-Dichloropropane	9.11	63	570205	103.973	ug/l	100
46) Dibromomethane	9.19	93	361462	104.315	ug/l	98
47) Bromodichloromethane	9.39	83	750067	106.075	ug/l	100
48) Methyl methacrylate	9.19	41	608753	109.003	ug/l	100
49) 1,4-Dioxane	9.19	88	185255	2131.994	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	3724135	536.158	ug/l	94
52) Toluene	10.15	92	1306212	104.614	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	878699	108.428	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	925980	107.457	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	503478	98.457	ug/l	99
56) Ethyl methacrylate	10.42	69	855317	114.485	ug/l	100
57) 1,3-Dichloropropane	10.70	76	903327	103.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1837095	519.910	ug/l	99
59) 2-Hexanone	10.75	43	2959966	549.728	ug/l	95
60) Dibromochloromethane	10.90	129	569059	107.777	ug/l	99
61) 1,2-Dibromoethane	11.00	107	535860	104.537	ug/l	100
64) Tetrachloroethene	10.63	164	448181	96.071	ug/l	99
65) Chlorobenzene	11.43	112	1367478	101.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	509452	101.679	ug/l	99
67) Ethyl Benzene	11.51	91	2498052	103.546	ug/l	95
68) m/p-Xylenes	11.62	106	1906807	210.687	ug/l	93
69) o-Xylene	11.95	106	903156	103.259	ug/l	97
70) Styrene	11.96	104	1554020	108.459	ug/l	99
71) Bromoform	12.13	173	413044	111.717	ug/l #	98
73) Isopropylbenzene	12.25	105	2443607	100.774	ug/l	98
74) N-amyl acetate	12.07	43	1196166	108.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	801505	99.537	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1101011	147.186	ug/l #	100
77) Bromobenzene	12.53	156	578933	97.975	ug/l	99
78) n-propylbenzene	12.59	91	2895006	102.320	ug/l	98
79) 2-Chlorotoluene	12.68	91	1735233	98.833	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2124333	102.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	305324	109.555	ug/l	97
82) 4-Chlorotoluene	12.78	91	1820879	101.112	ug/l	100
83) tert-Butylbenzene	13.00	119	1805336	101.822	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2133744	103.684	ug/l	98
85) sec-Butylbenzene	13.17	105	2417562	103.370	ug/l	98
86) p-Isopropyltoluene	13.29	119	2202651	103.888	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	1084879	99.899	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1067674	96.567	ug/l	99
89) n-Butylbenzene	13.62	91	2072621	105.694	ug/l	98
90) Hexachloroethane	13.88	117	408255	106.540	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1045480	98.572	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	176105	93.376	ug/l	96

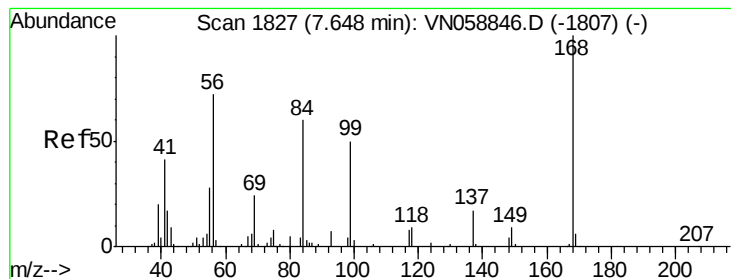
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	650696	101.500	ug/l	99
94) Hexachlorobutadiene	15.01	225	327299	96.067	ug/l	98
95) Naphthalene	15.13	128	1919794	104.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	635877	101.387	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

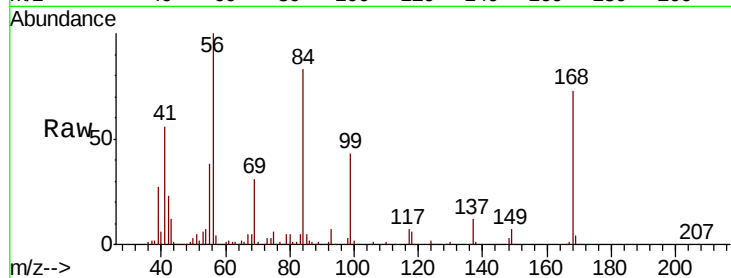
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 439340

Ion Ratio Lower Upper

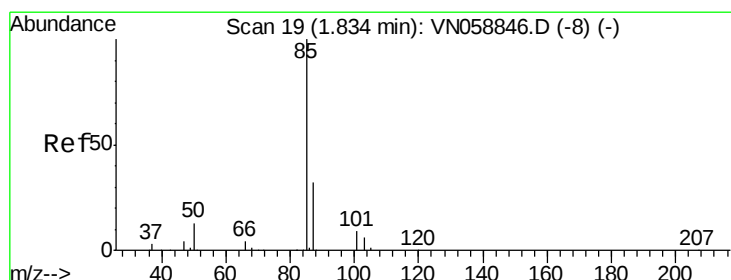
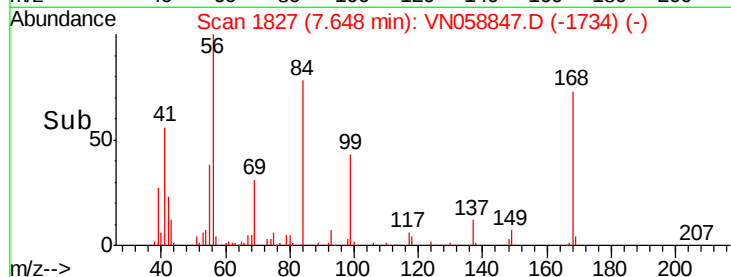
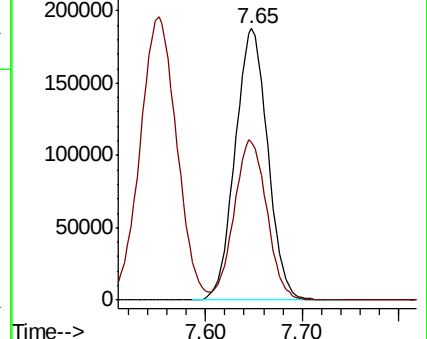
168 100

99 58.3 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 96.317 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058847.D

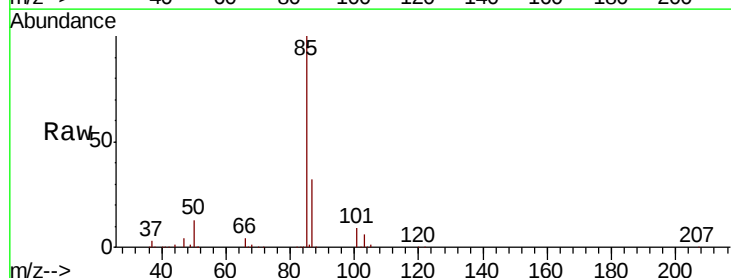
Acq: 18 Oct 2019 10:21

Tgt Ion: 85 Resp: 525935

Ion Ratio Lower Upper

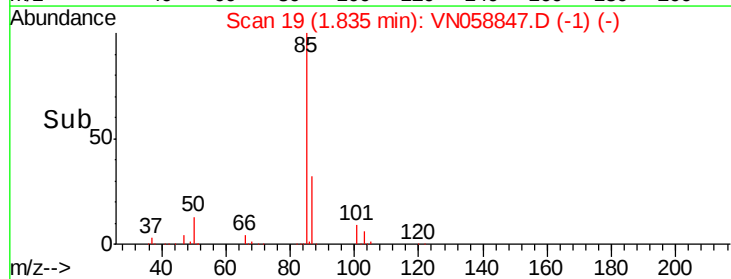
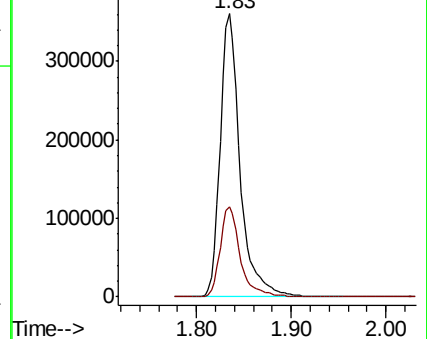
85 100

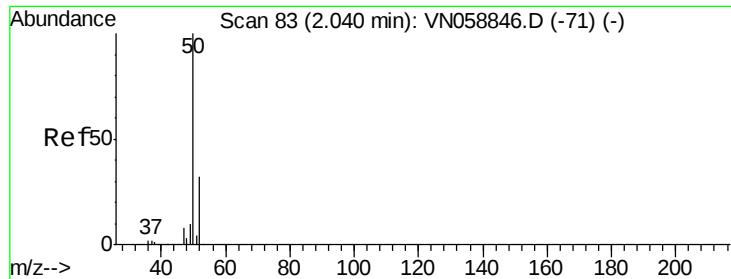
87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 94.428 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

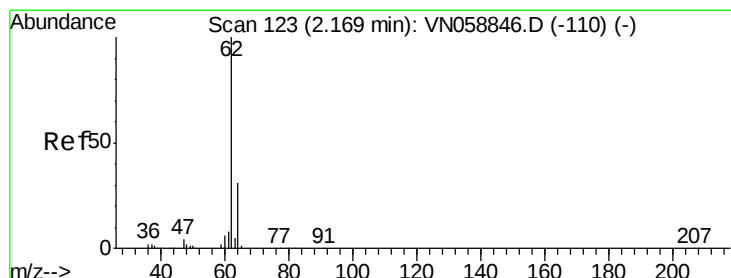
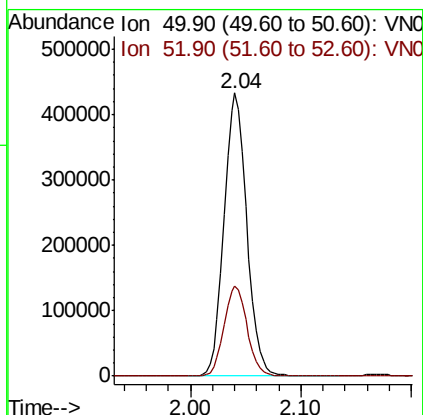
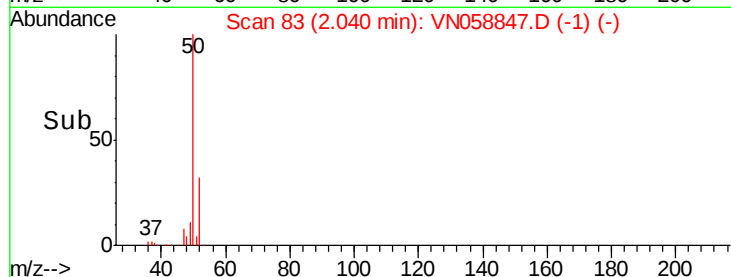
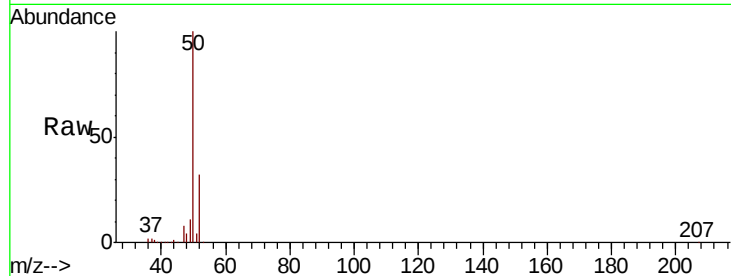
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 619964

Ion Ratio Lower Upper

50 100

52 31.8 25.7 38.5



#4

Vinyl Chloride

Concen: 99.068 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058847.D

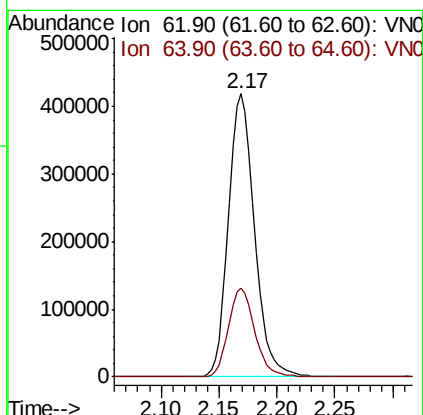
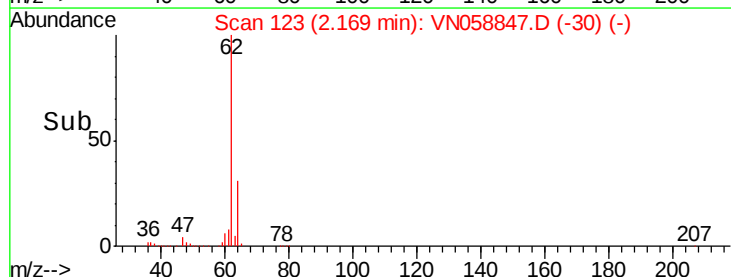
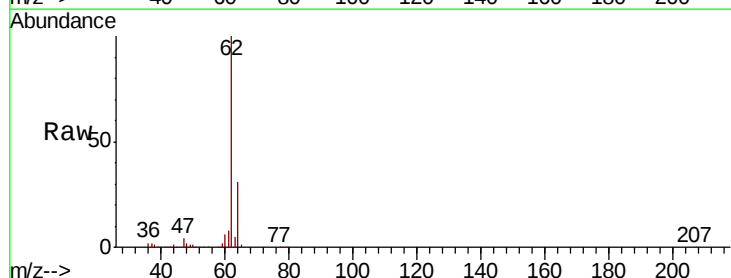
Acq: 18 Oct 2019 10:21

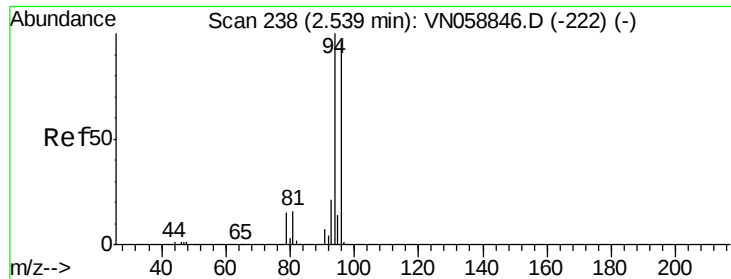
Tgt Ion: 62 Resp: 647164

Ion Ratio Lower Upper

62 100

64 31.2 24.6 36.8





#5

Bromomethane

Concen: 94.308 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.01 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

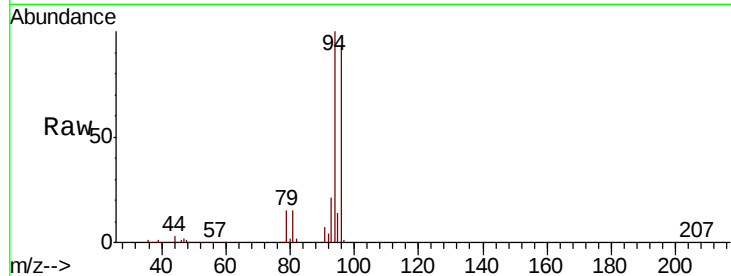
ClientSampleId :

Tot Ion: 94 Resp: 379228

Ion Ratio Lower Upper

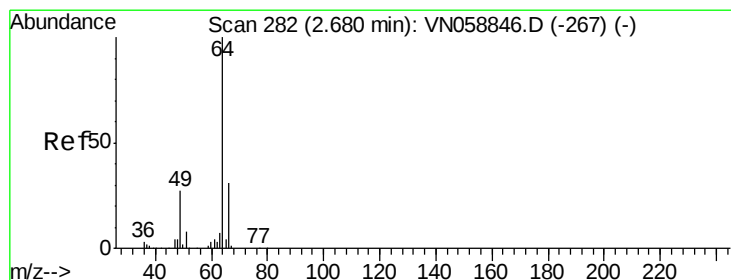
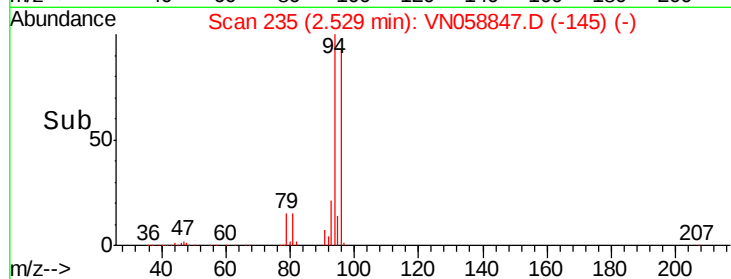
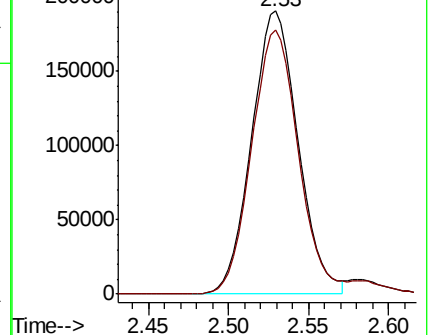
94 100

96 93.3 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 98.896 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN058847.D

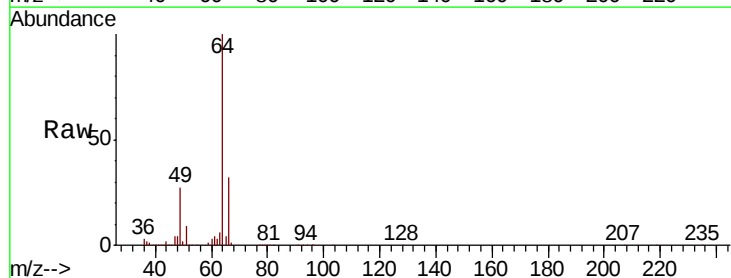
Acq: 18 Oct 2019 10:21

Tgt Ion: 64 Resp: 400667

Ion Ratio Lower Upper

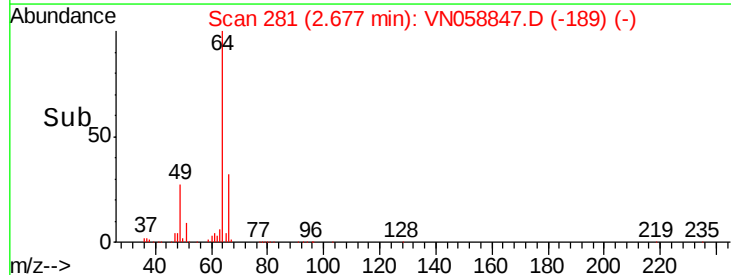
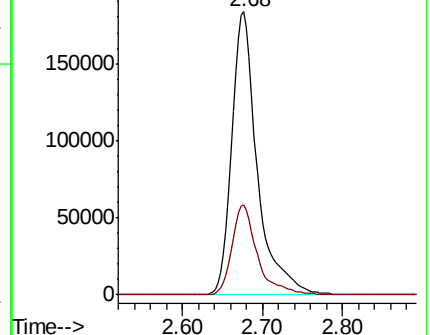
64 100

66 31.7 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



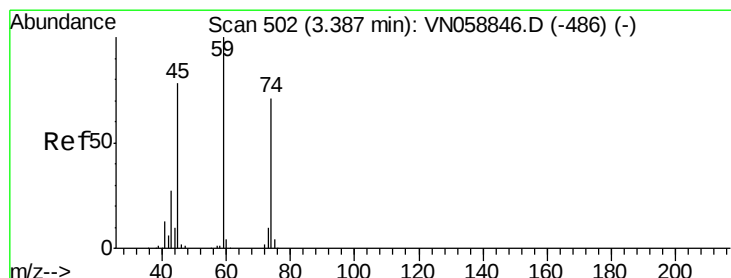
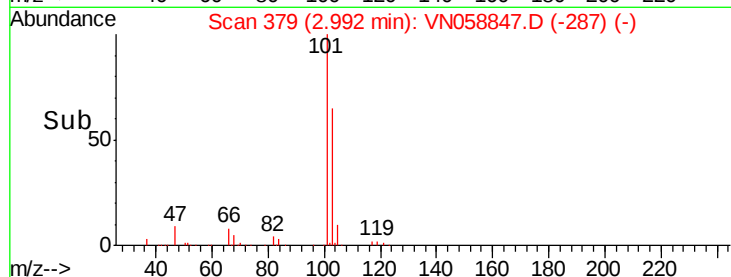
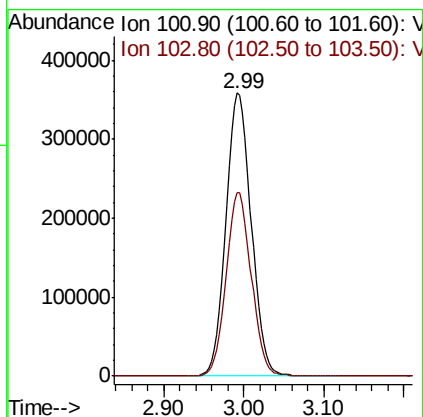
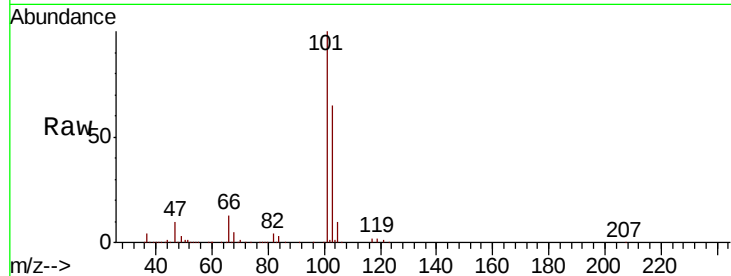


#7

Trichlorofluoromethane
 Concen: 97.782 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. -0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

Instrument :
 MSVOA_N
 ClientSampled :

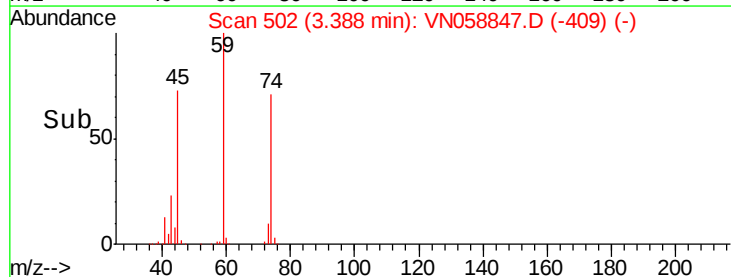
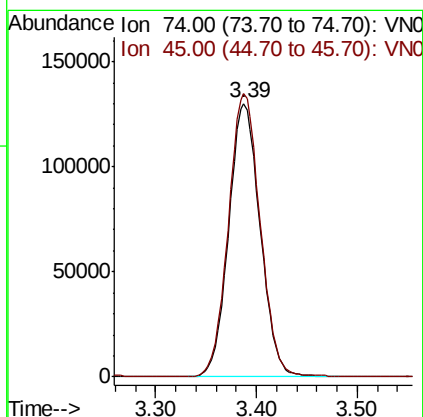
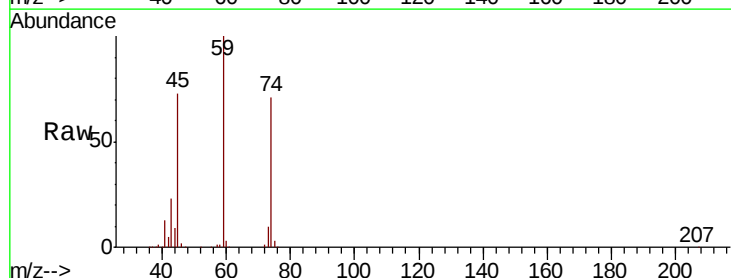
Tot Ion:101 Resp: 774888
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.2

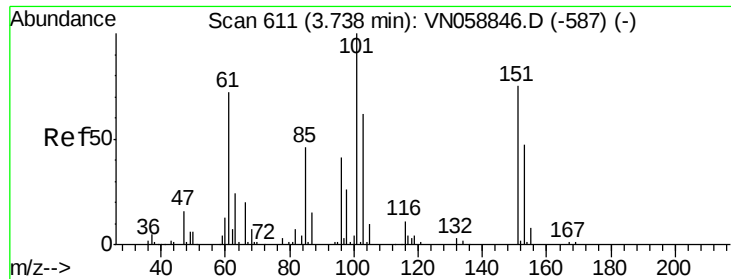


#8

Diethyl Ether
 Concen: 98.524 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

Tgt Ion: 74 Resp: 282305
 Ion Ratio Lower Upper
 74 100
 45 105.0 54.9 164.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.848 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

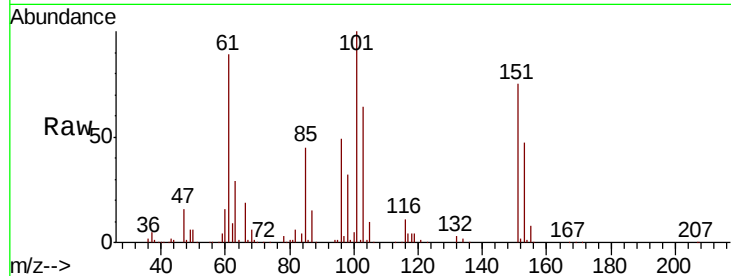
Tot Ion:101 Resp: 427209

Ion Ratio Lower Upper

101 100

85 45.4 37.2 55.8

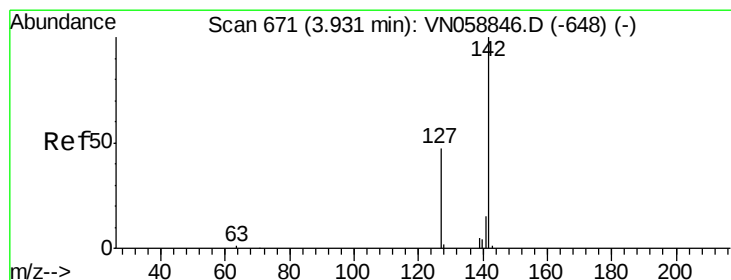
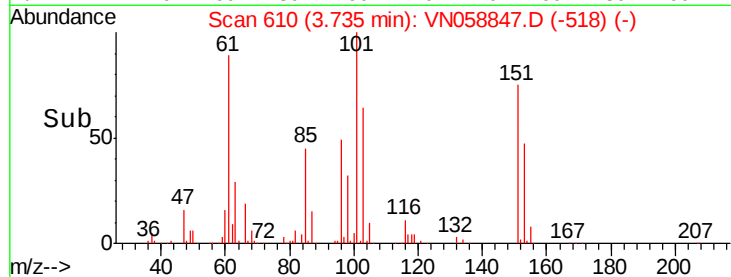
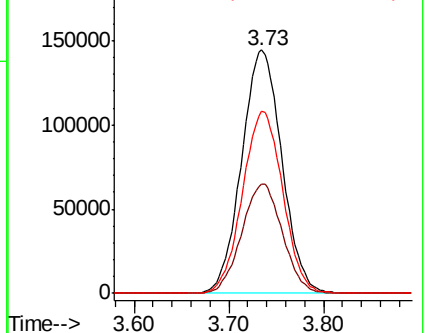
151 74.7 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 100.048 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

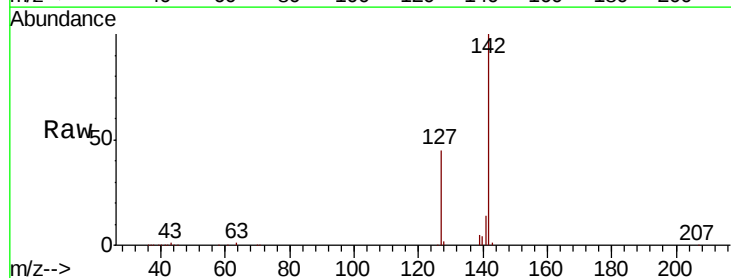
Tgt Ion:142 Resp: 603982

Ion Ratio Lower Upper

142 100

127 46.5 36.6 54.8

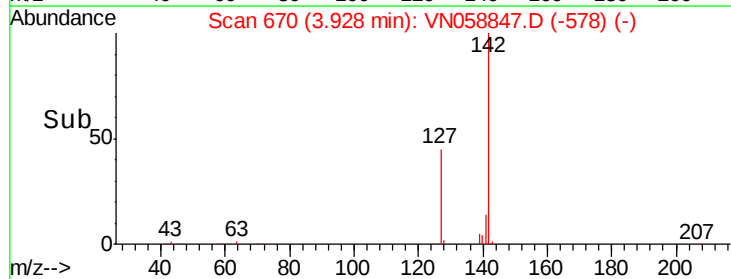
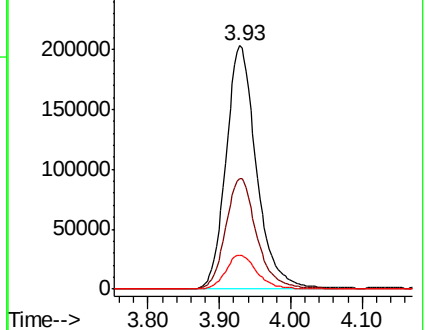
141 14.4 11.4 17.2

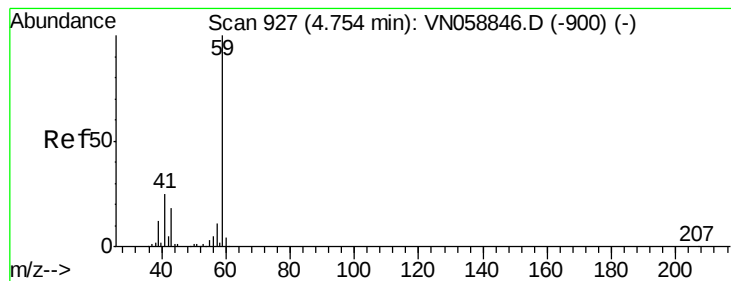


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



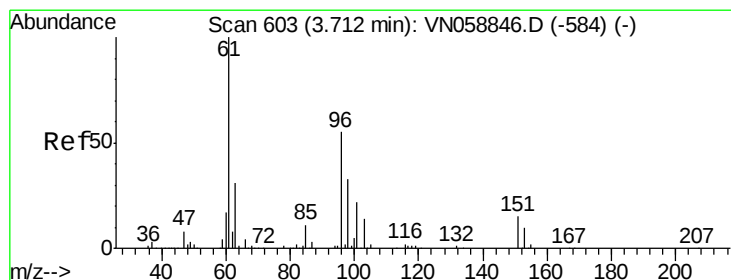
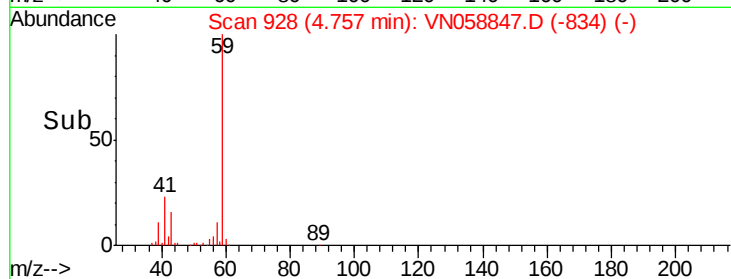
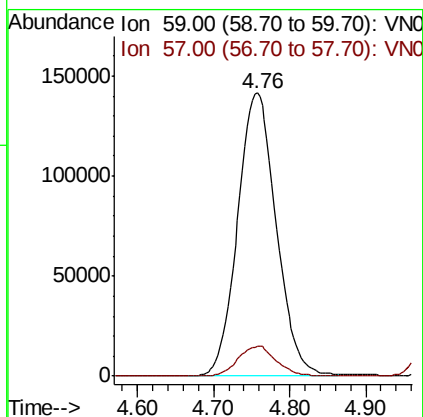
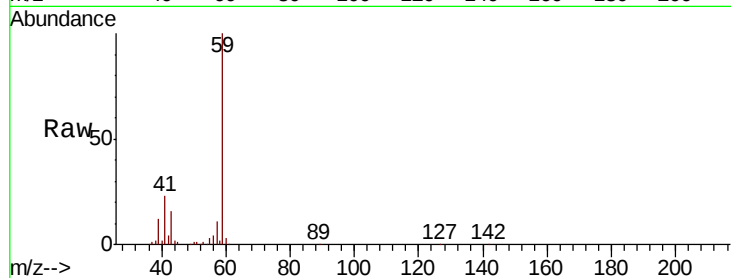


#11

Tert butyl alcohol
Concen: 493.784 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :

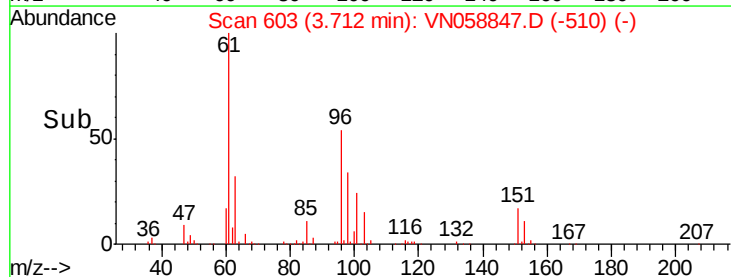
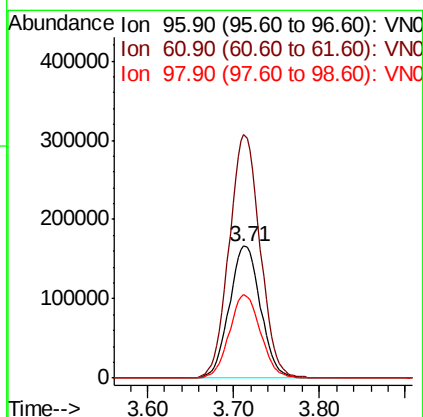
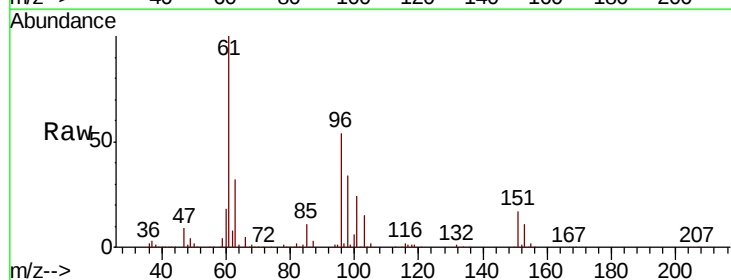
Tot Ion: 59 Resp: 500444
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

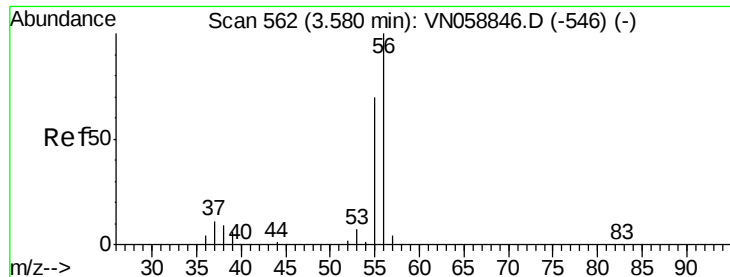


#12

1,1-Dichloroethene
Concen: 99.087 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion: 96 Resp: 419916
Ion Ratio Lower Upper
96 100
61 184.5 146.2 219.2
98 63.0 48.7 73.1

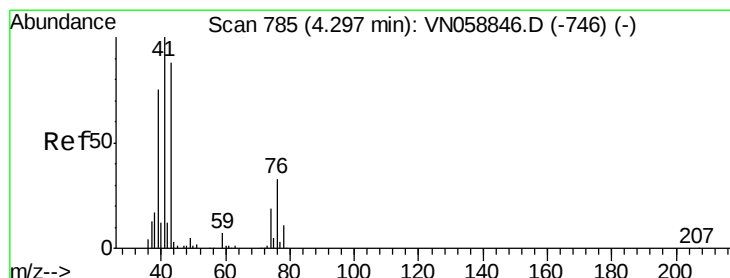
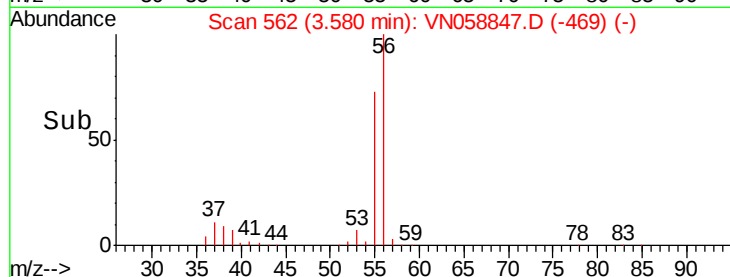
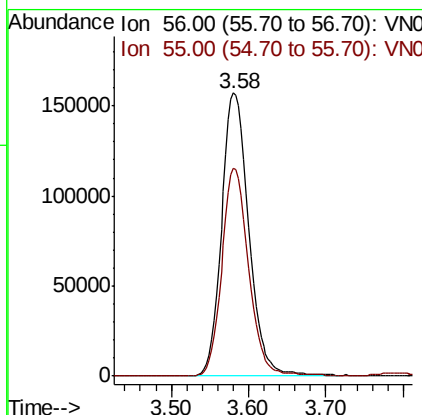
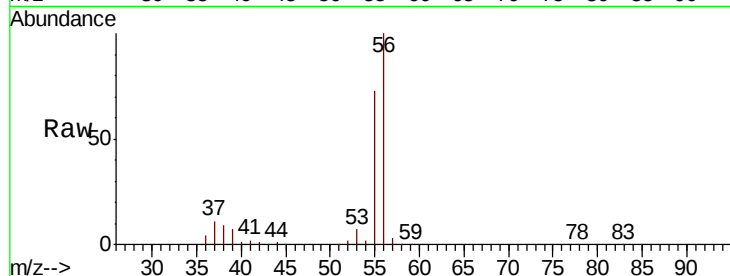




#13
 Acrolein
 Concen: 482.968 ug/l
 RT: 3.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

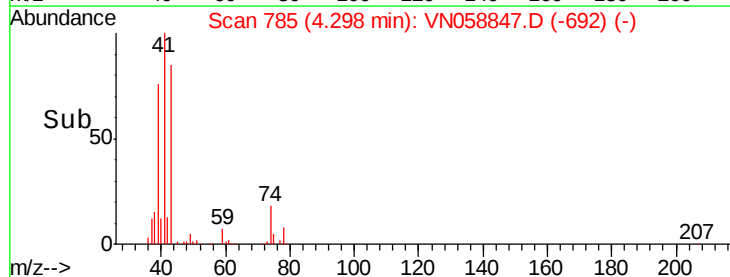
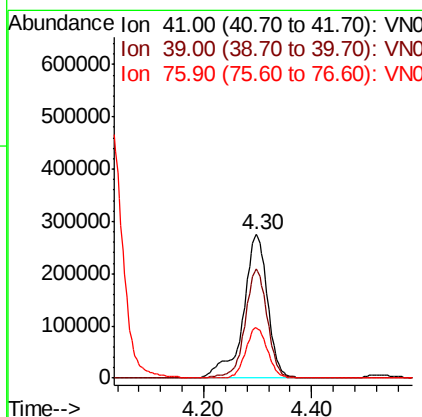
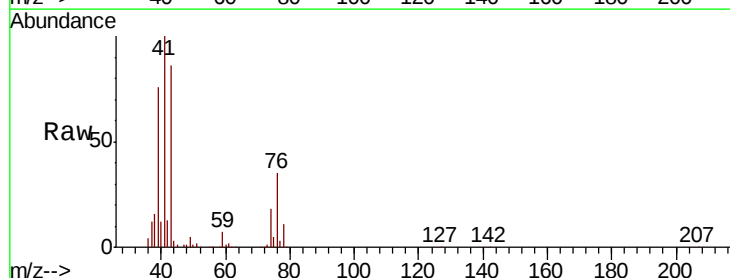
Instrument :
 MSVOA_N
 ClientSampleId :

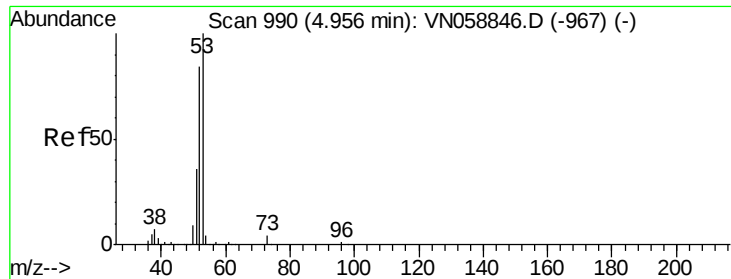
Tot Ion: 56 Resp: 384632
 Ion Ratio Lower Upper
 56 100
 55 72.5 56.6 85.0



#14
 Allyl chloride
 Concen: 100.357 ug/l
 RT: 4.30 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

Tgt Ion: 41 Resp: 862231
 Ion Ratio Lower Upper
 41 100
 39 69.2 55.9 83.9
 76 30.8 24.1 36.1





#15

Acrylonitrile

Concen: 528.359 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

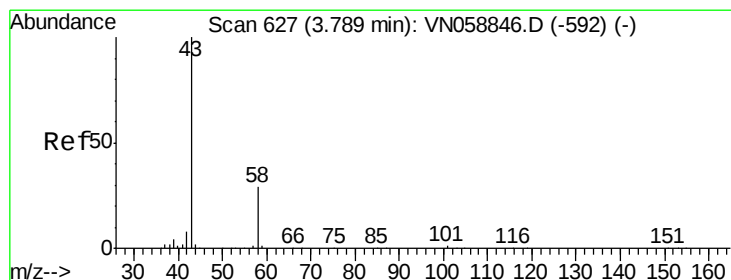
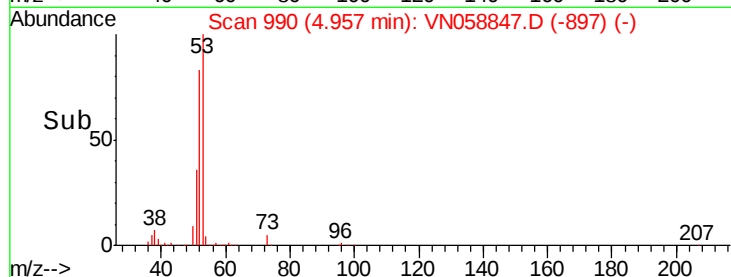
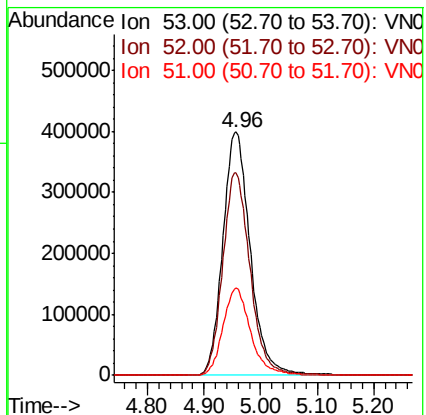
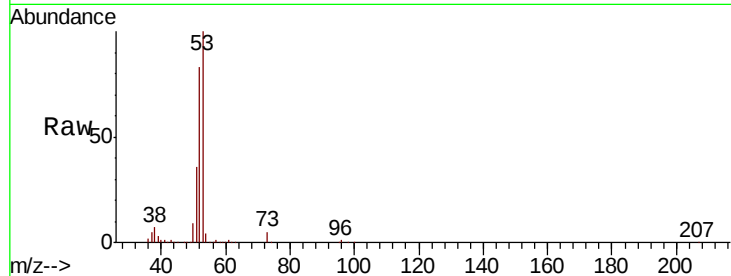
Tot Ion: 53 Resp: 1348404

Ion Ratio Lower Upper

53 100

52 82.6 66.6 99.8

51 36.1 29.2 43.8



#16

Acetone

Concen: 570.467 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN058847.D

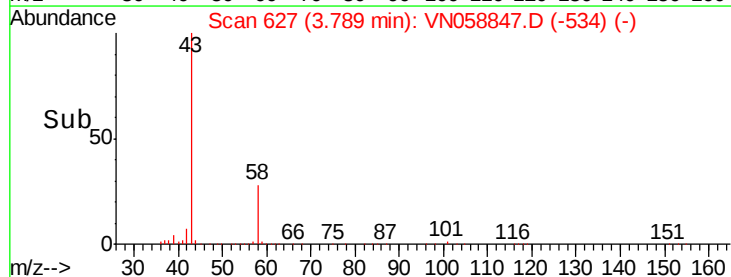
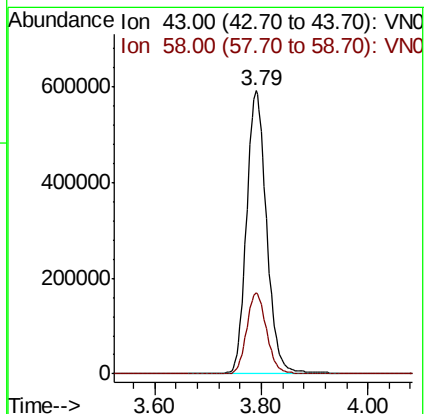
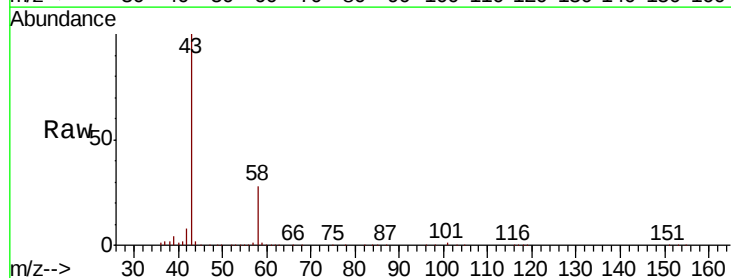
Acq: 18 Oct 2019 10:21

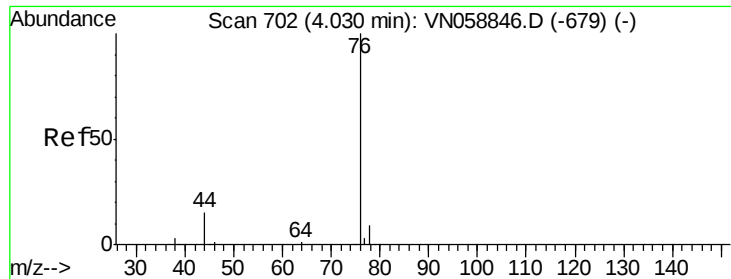
Tgt Ion: 43 Resp: 1530170

Ion Ratio Lower Upper

43 100

58 28.4 23.1 34.7

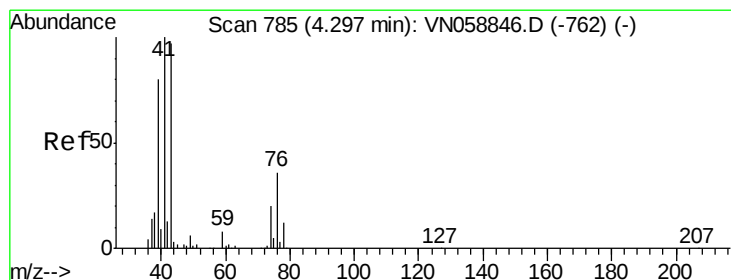
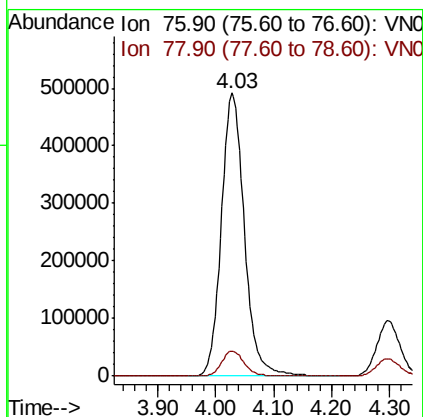
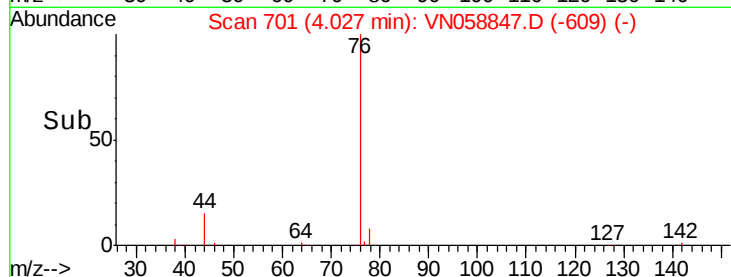
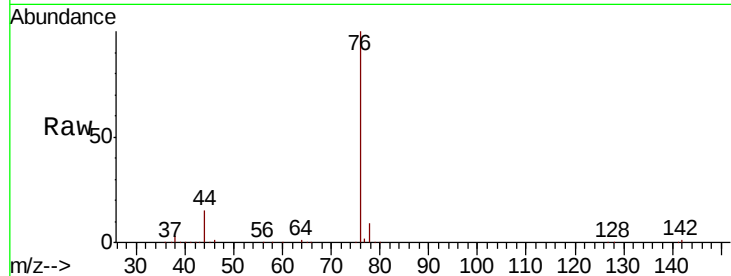




#17
Carbon Disulfide
Concen: 99.119 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

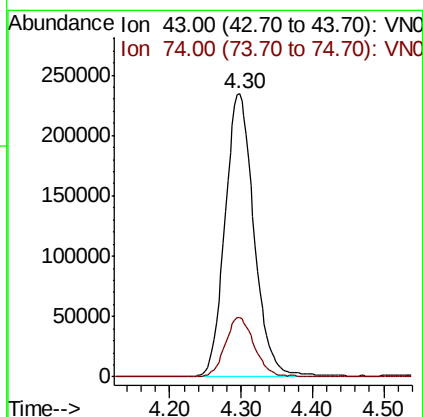
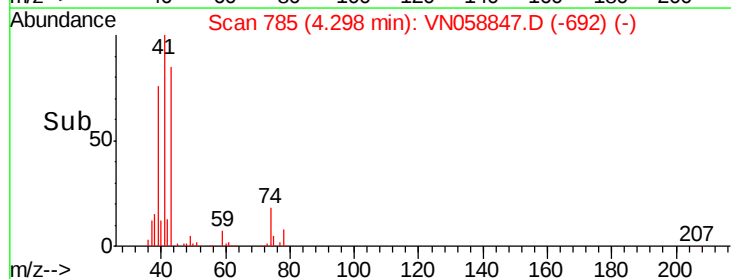
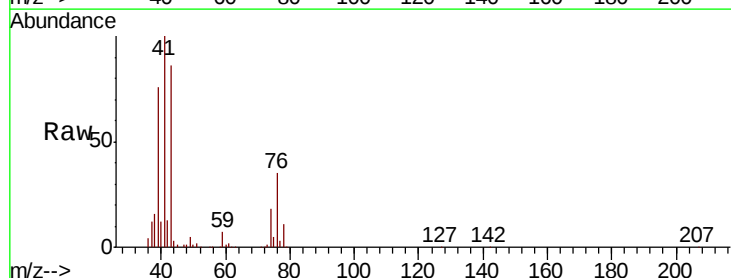
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 1351199
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 100.675 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion: 43 Resp: 659312
Ion Ratio Lower Upper
43 100
74 21.0 17.1 25.7

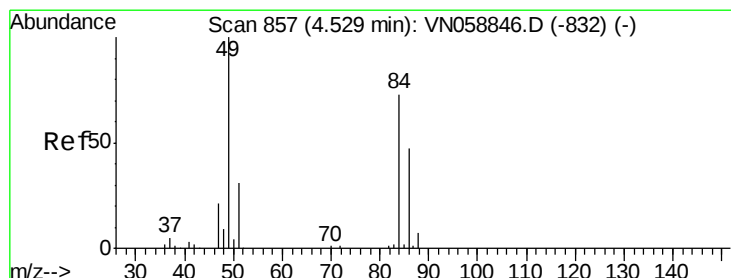
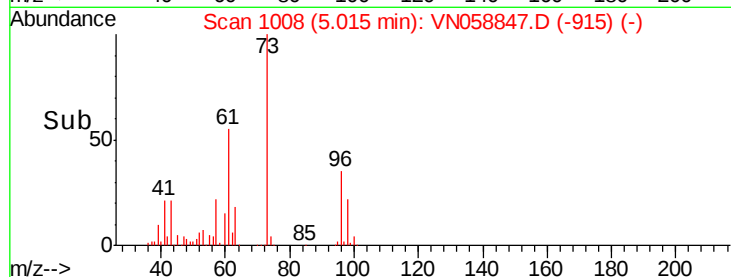
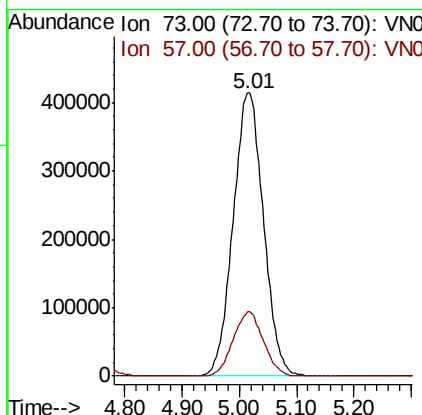
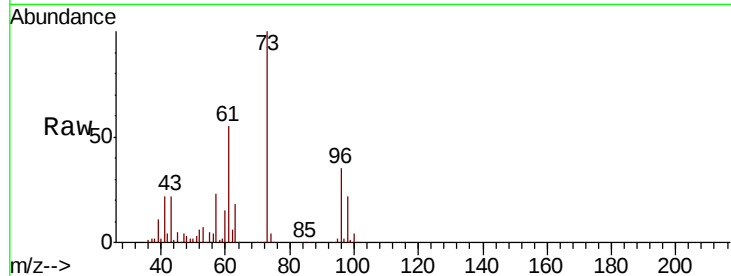




#19
Methyl tert-butyl Ether
Concen: 101.017 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

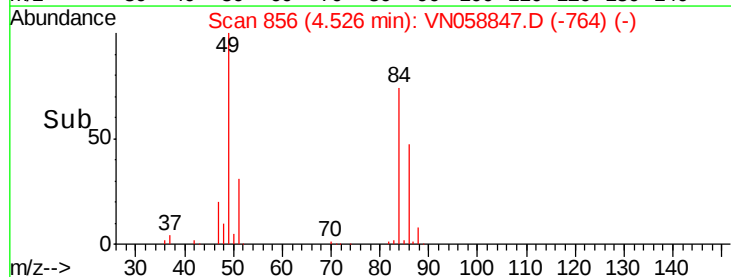
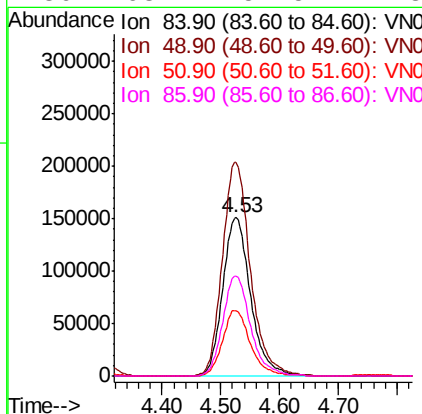
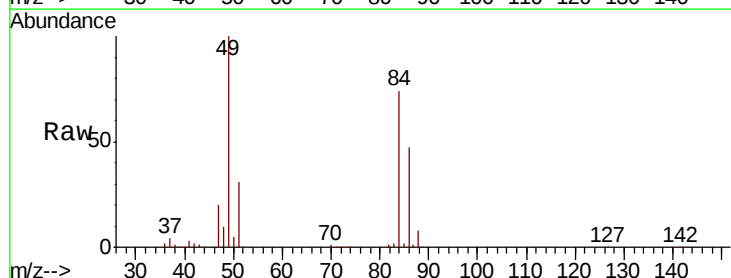
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 73 Resp: 1527567
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9



#20
Methylene Chloride
Concen: 93.369 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion: 84 Resp: 499172
Ion Ratio Lower Upper
84 100
49 134.8 109.6 164.4
51 41.4 33.8 50.6
86 63.2 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 99.122 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

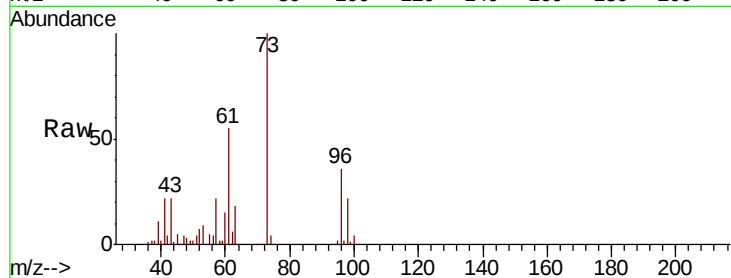
Tot Ion: 96 Resp: 469516

Ion Ratio Lower Upper

96 100

61 154.4 126.7 190.1

98 62.7 52.0 78.0

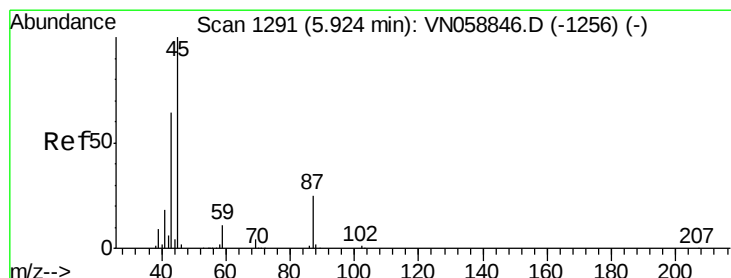
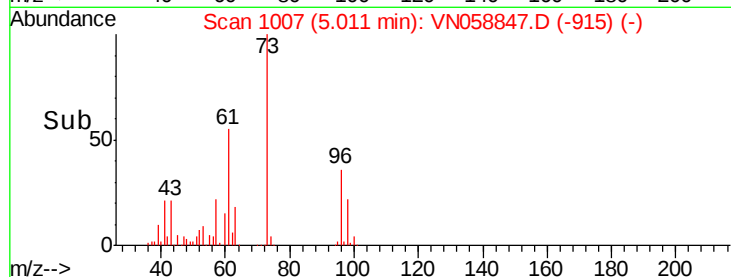
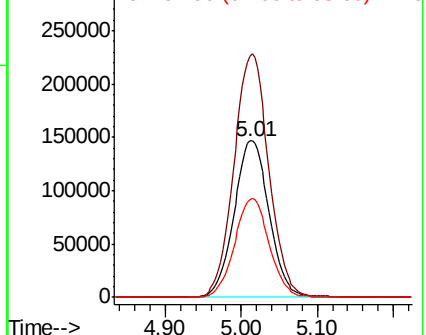


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 104.683 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Tgt Ion: 45 Resp: 1752262

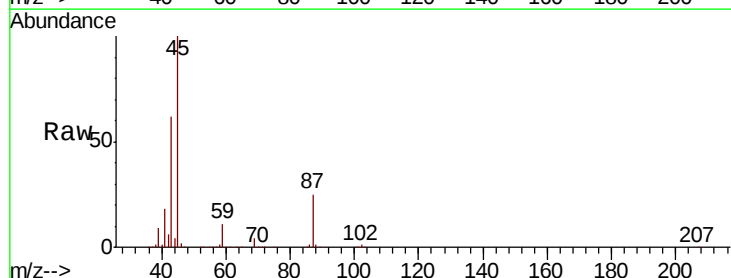
Ion Ratio Lower Upper

45 100

43 61.3 52.9 79.3

87 25.5 20.2 30.4

59 10.9 8.8 13.2



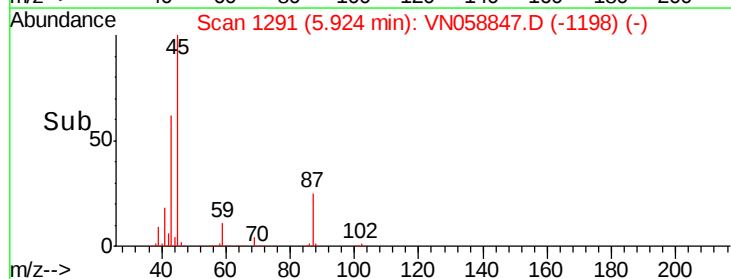
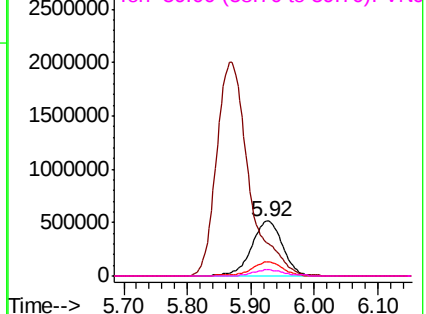
Abundance

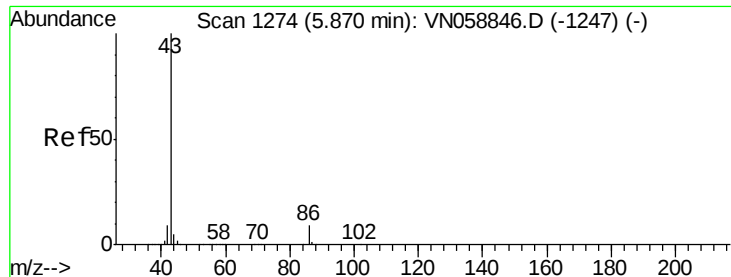
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 524.527 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

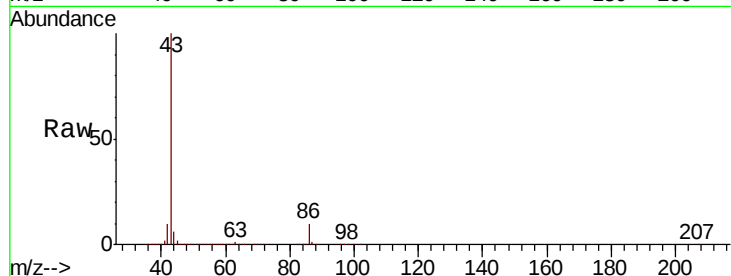
ClientSampleId :

Tot Ion: 43 Resp: 7086819

Ion Ratio Lower Upper

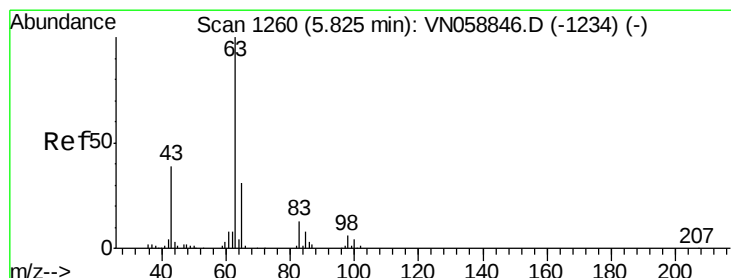
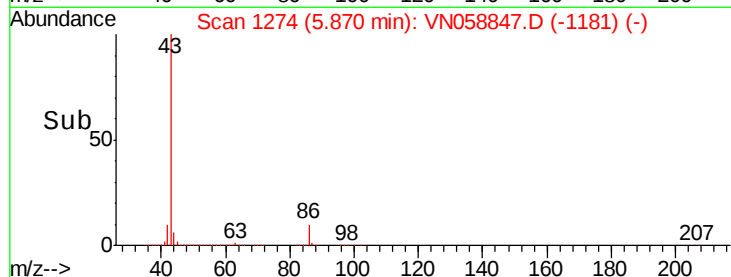
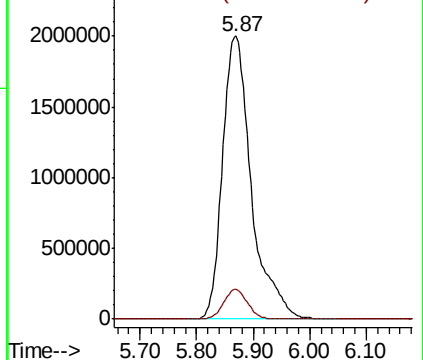
43 100

86 10.4 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 99.374 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

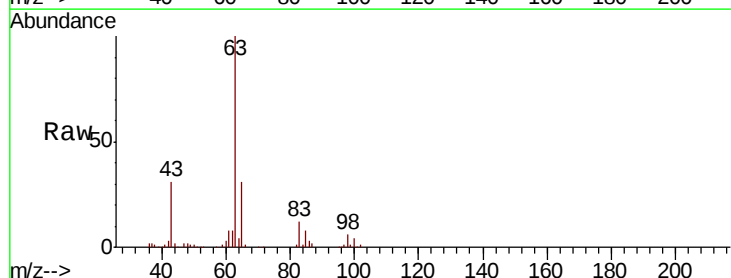
Tgt Ion: 63 Resp: 943099

Ion Ratio Lower Upper

63 100

98 5.5 2.8 8.4

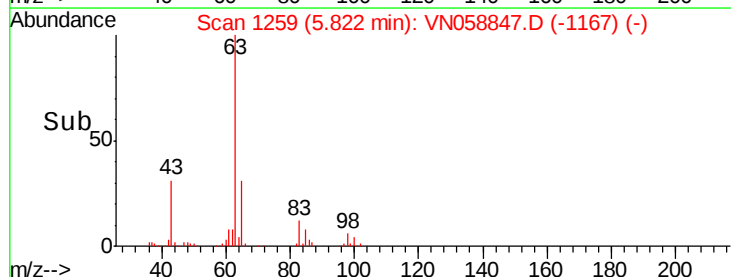
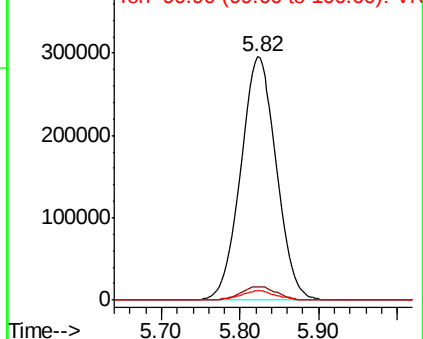
100 3.8 1.9 5.7

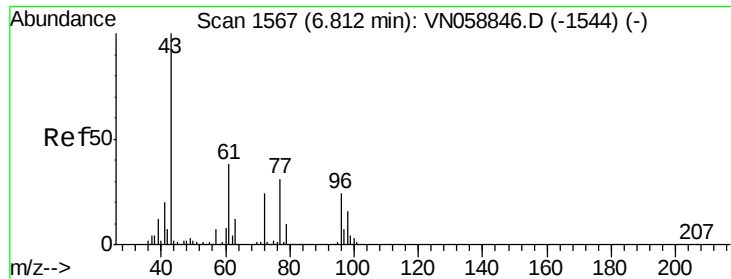


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

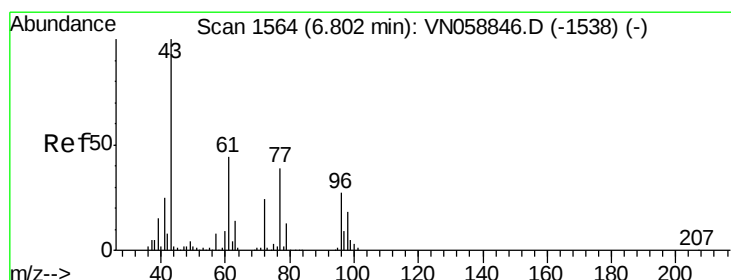
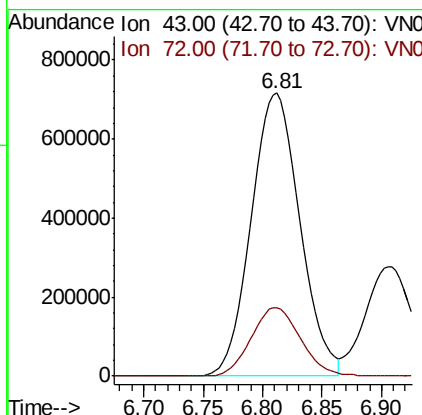
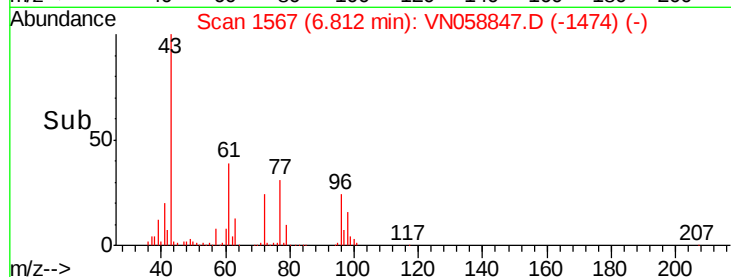
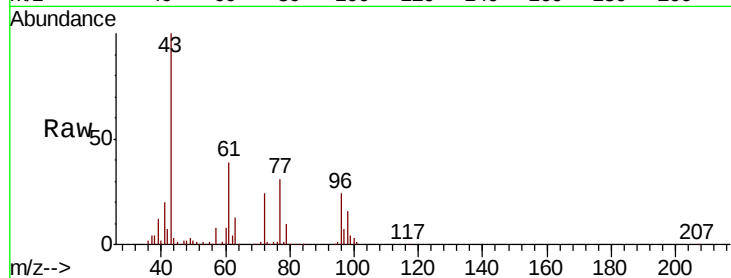




#25
2-Butanone
Concen: 535.812 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

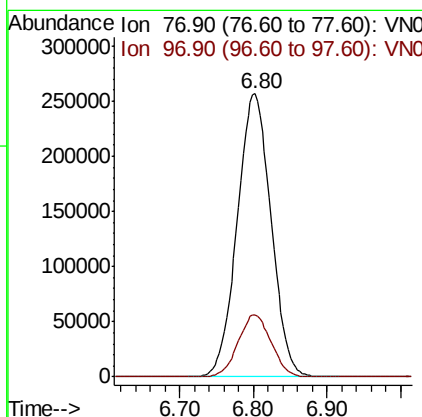
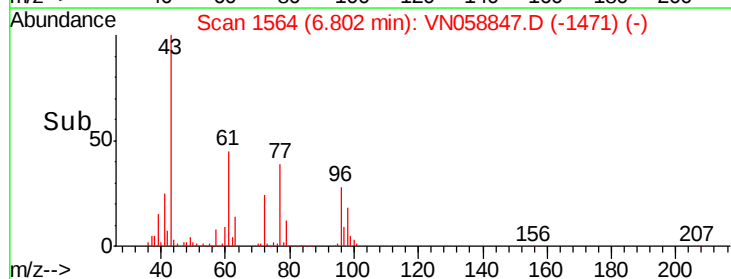
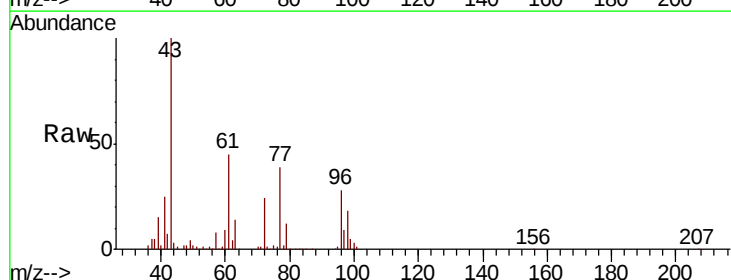
Instrument :
MSVOA_N
ClientSampleId :

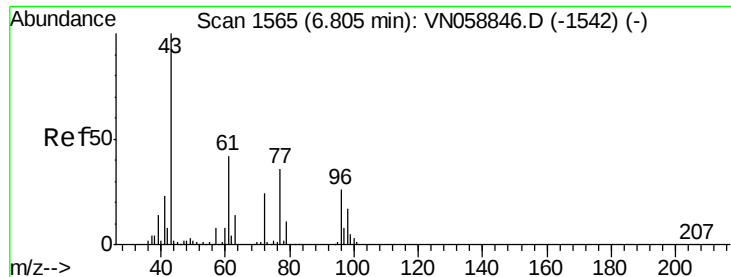
Tot Ion: 43 Resp: 2028302
Ion Ratio Lower Upper
43 100
72 24.2 19.1 28.7



#26
2,2-Dichloropropane
Concen: 94.737 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion: 77 Resp: 819844
Ion Ratio Lower Upper
77 100
97 21.5 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 96.358 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

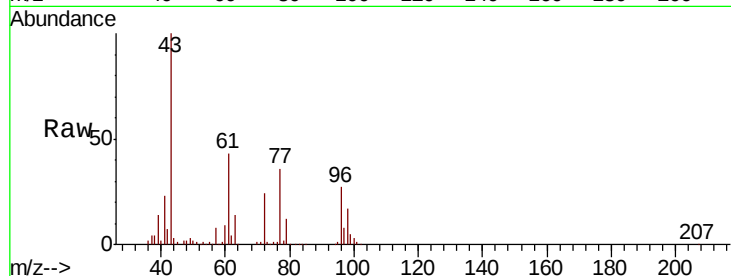
Tot Ion: 96 Resp: 533478

Ion Ratio Lower Upper

96 100

61 164.1 0.0 325.0

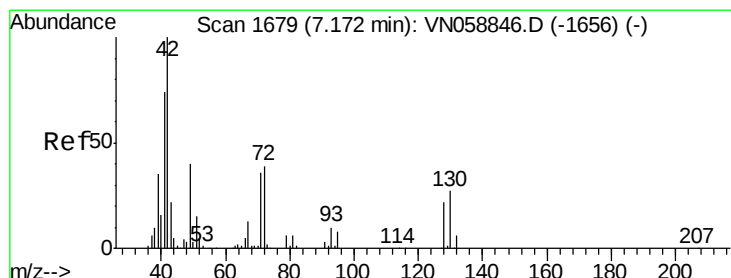
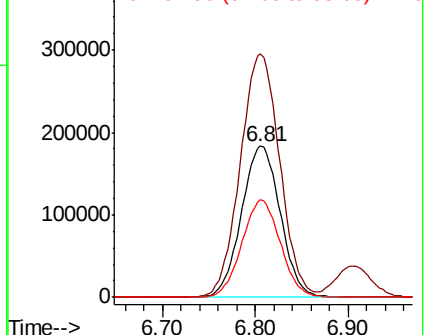
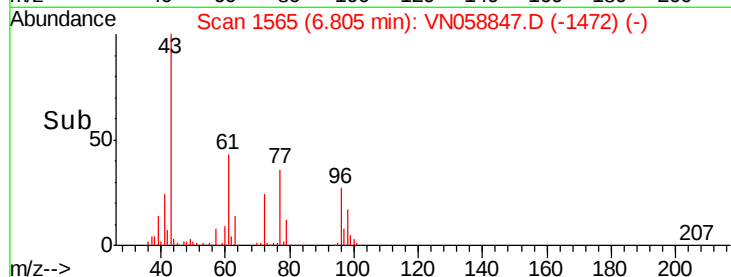
98 64.4 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VN058847.D (-1472) (-)

Ion 60.90 (60.60 to 61.60): VN058847.D (-1472) (-)

Ion 97.90 (97.60 to 98.60): VN058847.D (-1472) (-)



#28

Bromochloromethane

Concen: 95.490 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

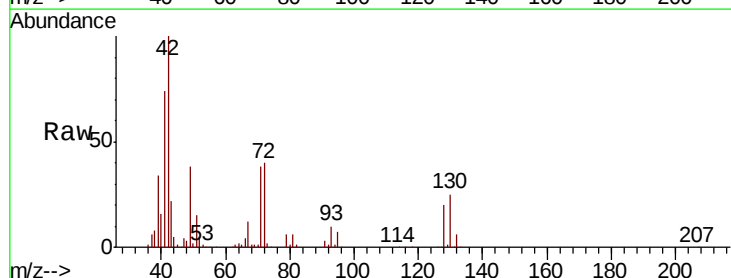
Tgt Ion: 49 Resp: 314722

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

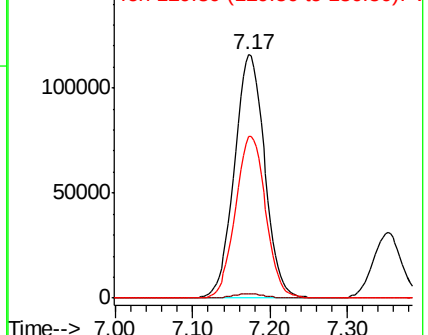
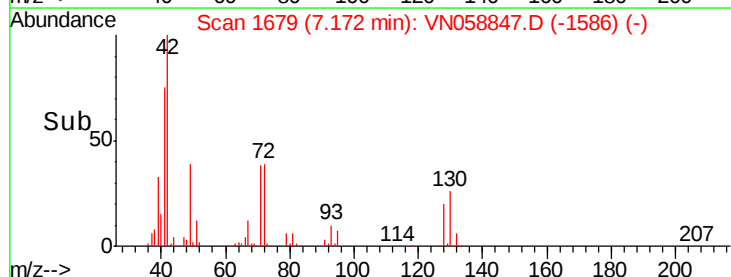
130 66.4 53.5 80.3



Abundance Ion 48.90 (48.60 to 49.60): VN058847.D (-1586) (-)

Ion 128.80 (128.50 to 129.50): VN058847.D (-1586) (-)

Ion 129.80 (129.50 to 130.50): VN058847.D (-1586) (-)

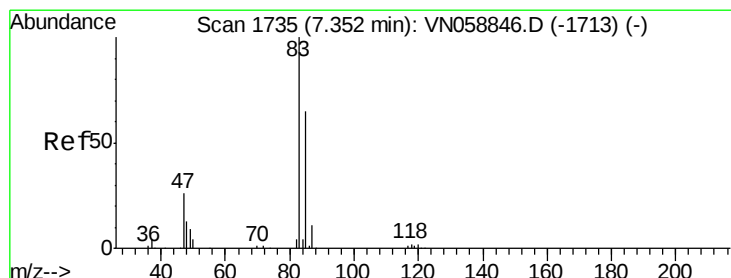
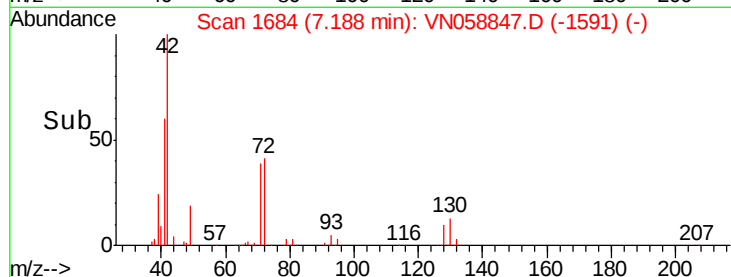
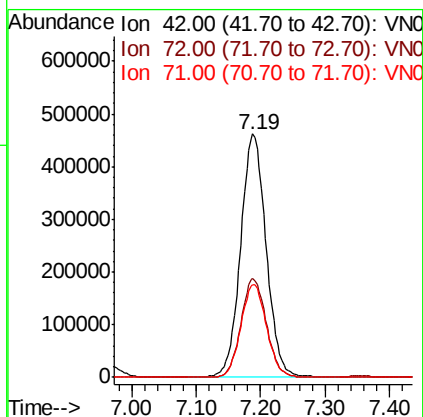
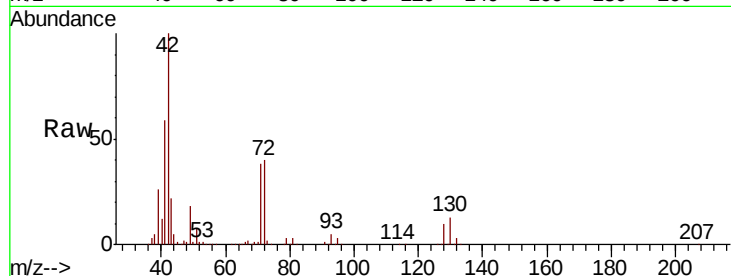




#29
Tetrahydrofuran
Concen: 525.288 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

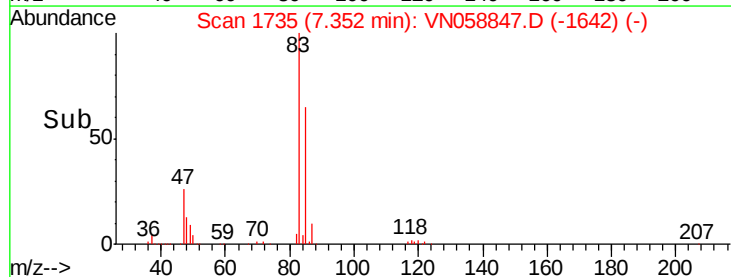
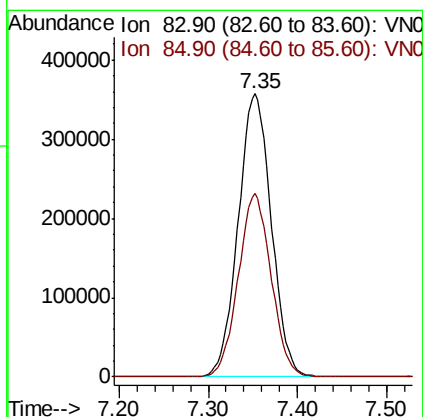
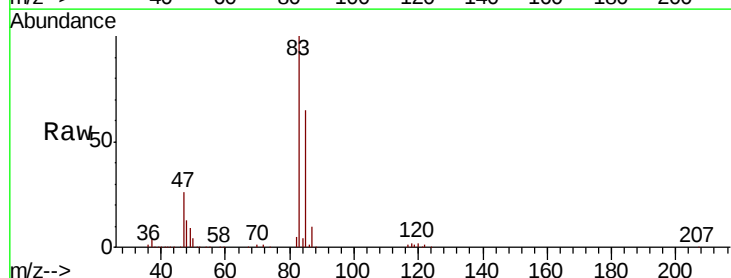
Instrument :
MSVOA_N
ClientSampled :

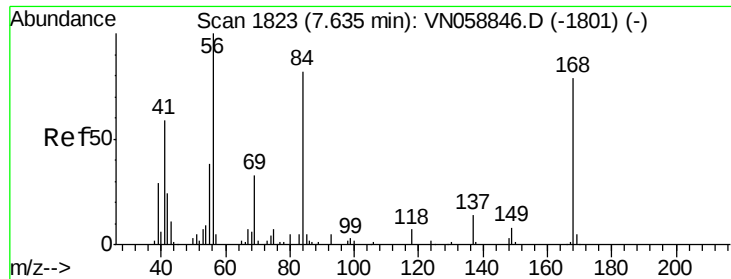
Tot Ion: 42 Resp: 1272644
Ion Ratio Lower Upper
42 100
72 40.5 32.2 48.2
71 38.4 30.6 45.8



#30
Chloroform
Concen: 96.314 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion: 83 Resp: 921130
Ion Ratio Lower Upper
83 100
85 64.8 51.9 77.9





#31

Cyclohexane

Concen: 97.400 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

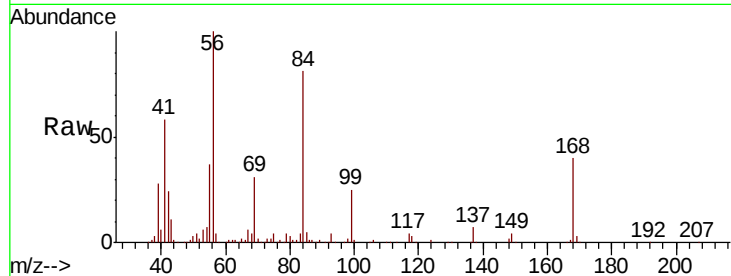
Tot Ion: 56 Resp: 886928

Ion Ratio Lower Upper

56 100

69 30.7 26.2 39.4

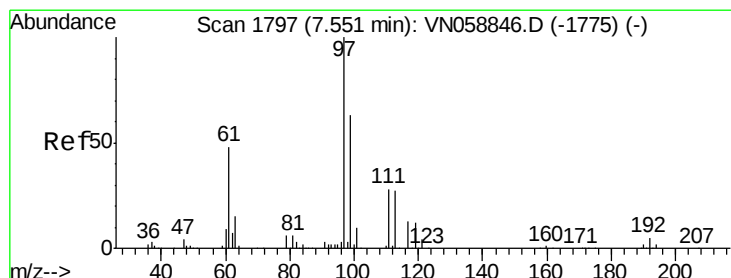
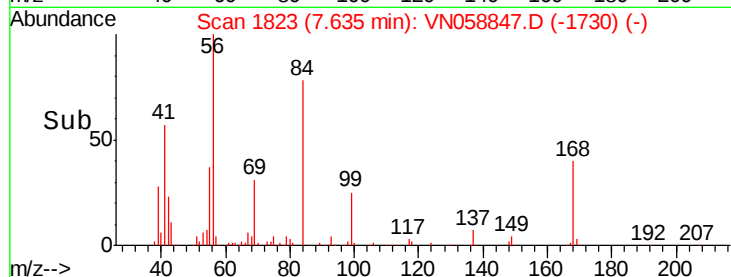
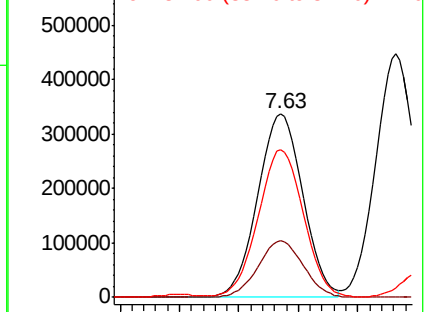
84 79.3 65.6 98.4



Abundance Ion 56.00 (55.70 to 56.70): VN058847.D (-1730) (-)

Ion 69.00 (68.70 to 69.70): VN058847.D (-1730) (-)

Ion 84.00 (83.70 to 84.70): VN058847.D (-1730) (-)



#32

1,1,1-Trichloroethane

Concen: 99.250 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

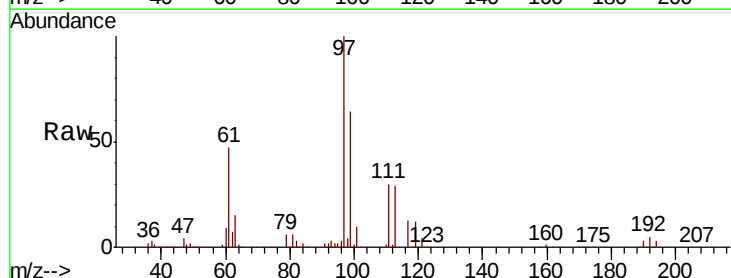
Tgt Ion: 97 Resp: 807079

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

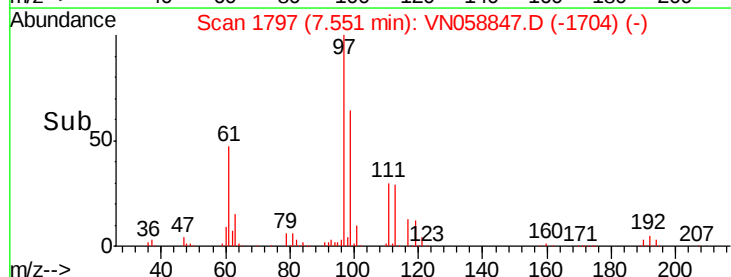
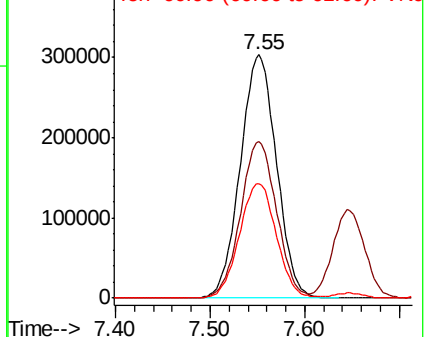
61 47.9 38.6 58.0

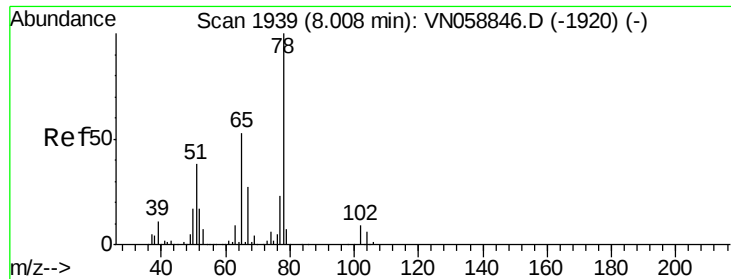


Abundance Ion 96.90 (96.60 to 97.60): VN058847.D (-1704) (-)

Ion 98.90 (98.60 to 99.60): VN058847.D (-1704) (-)

Ion 60.90 (60.60 to 61.60): VN058847.D (-1704) (-)

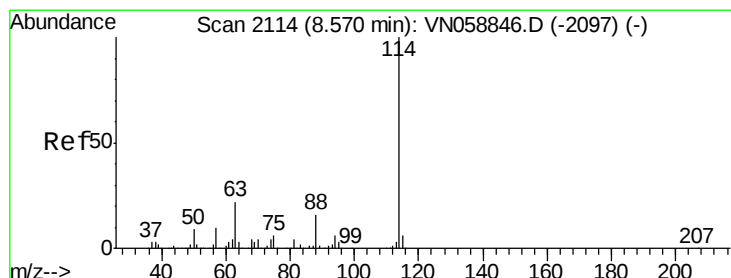
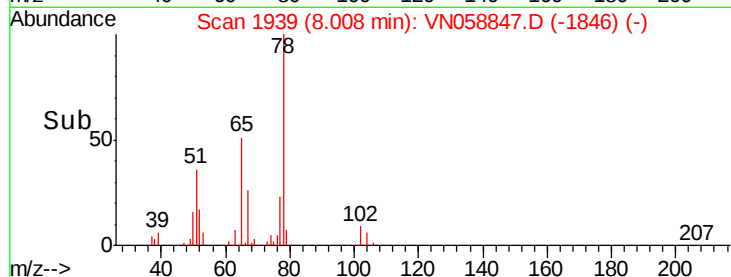
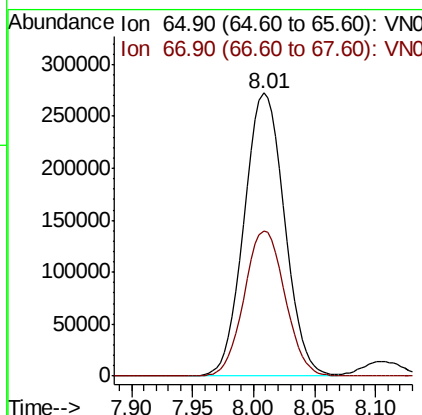
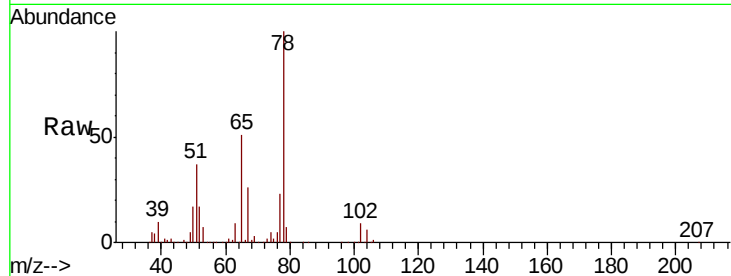




#33
 1,2-Dichloroethane-d4
 Concen: 100.904 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

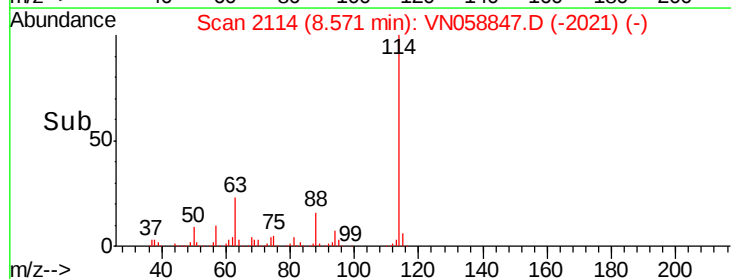
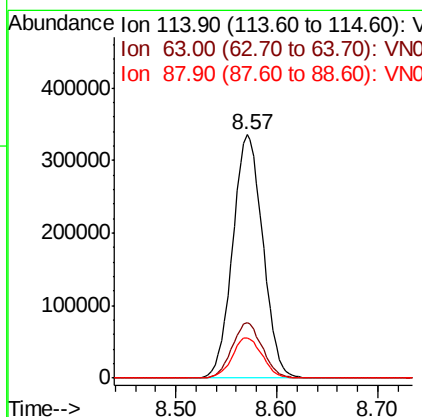
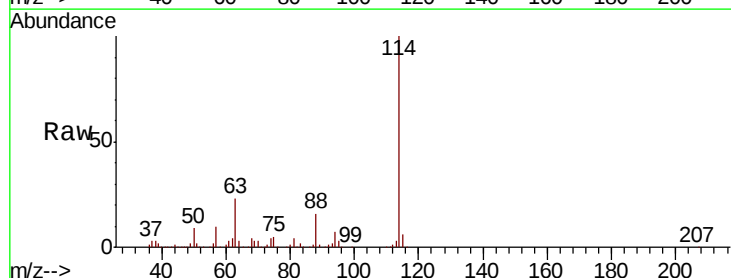
Instrument :
 MSVOA_N
 ClientSampleId :

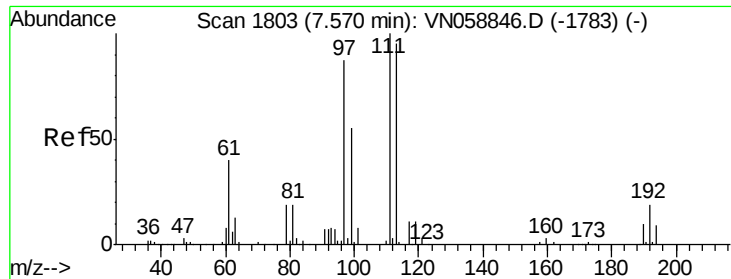
Tot Ion: 65 Resp: 626242
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

Tgt Ion: 114 Resp: 696033
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.4
 88 16.4 0.0 31.4

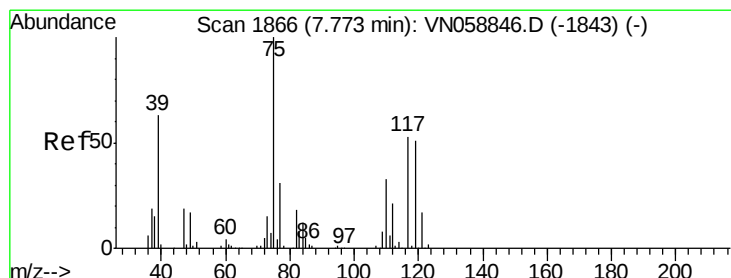
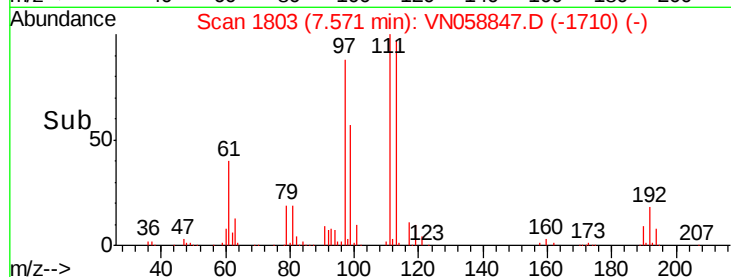
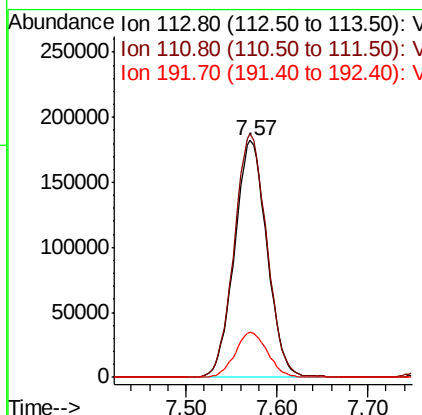
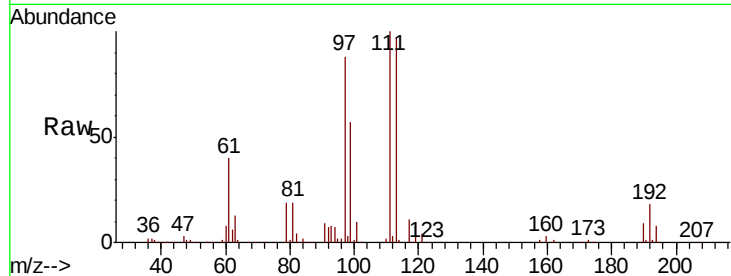




#35
 Dibromofluoromethane
 Concen: 103.785 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

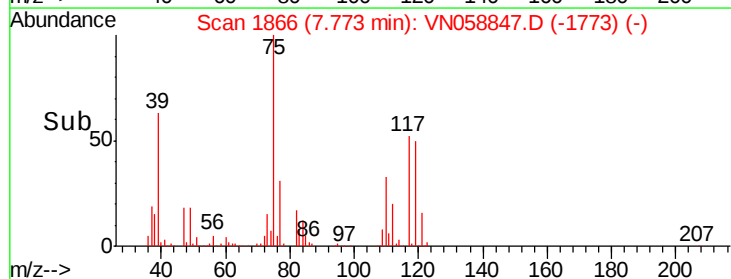
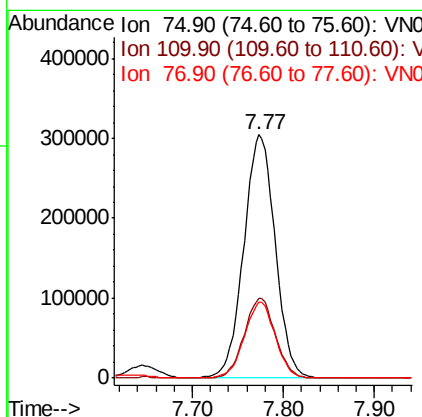
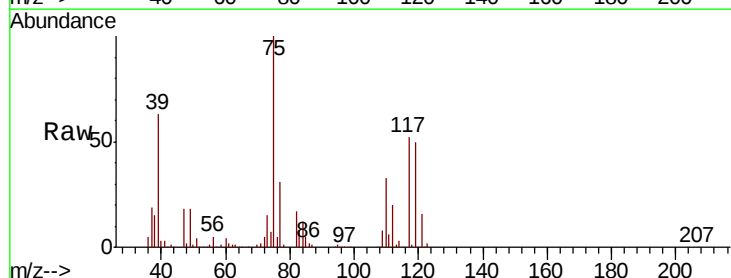
Instrument :
 MSVOA_N
 ClientSampled :

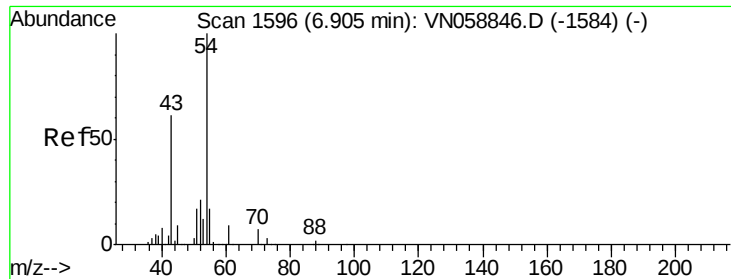
Tot Ion:113 Resp: 451552
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 19.0 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 102.425 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

Tgt Ion: 75 Resp: 728008
 Ion Ratio Lower Upper
 75 100
 110 32.5 16.3 48.9
 77 31.0 24.6 36.8

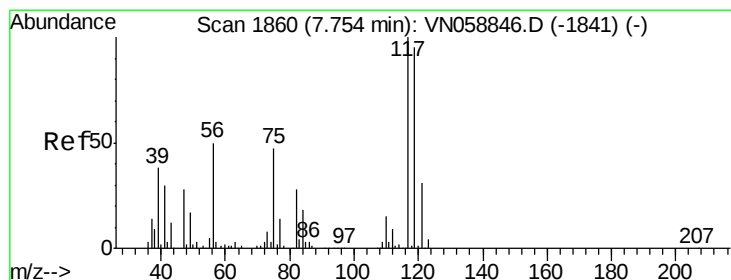
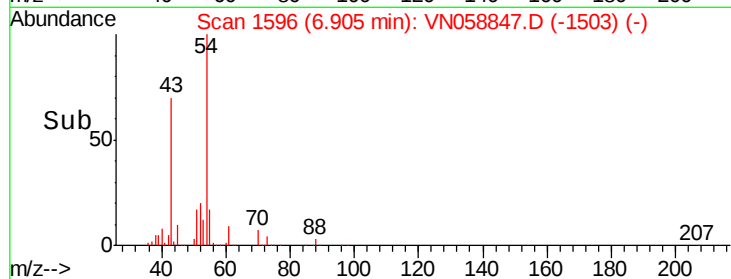
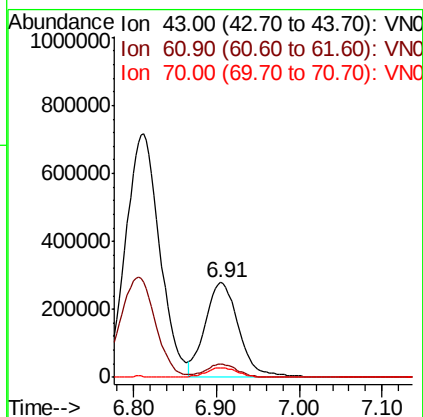
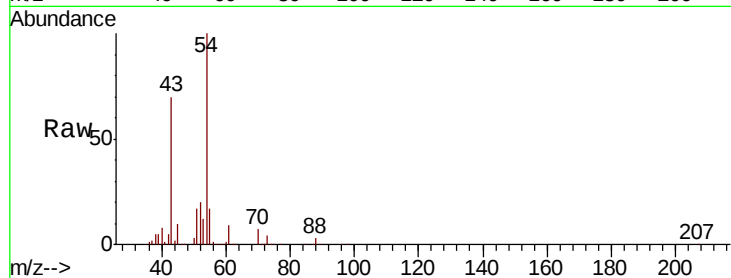




#37
Ethyl Acetate
Concen: 107.755 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

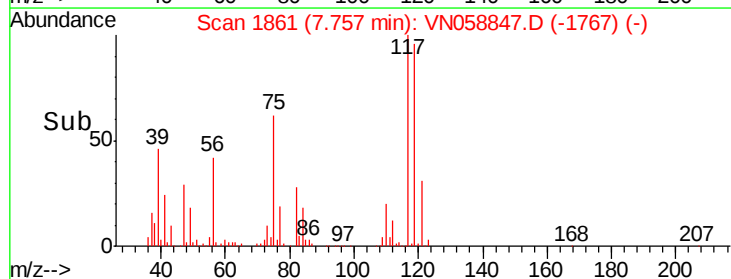
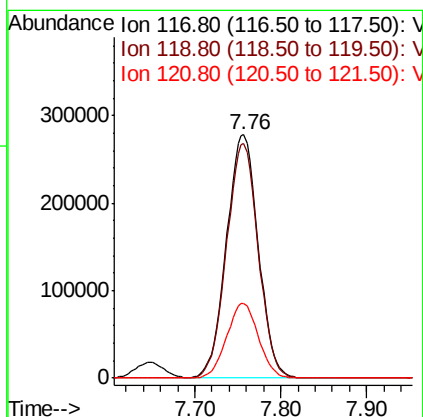
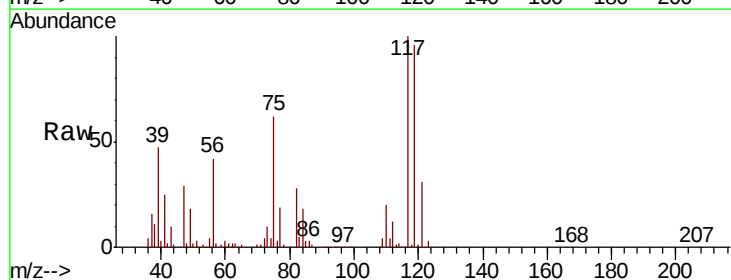
Instrument :
MSVOA_N
ClientSampled :

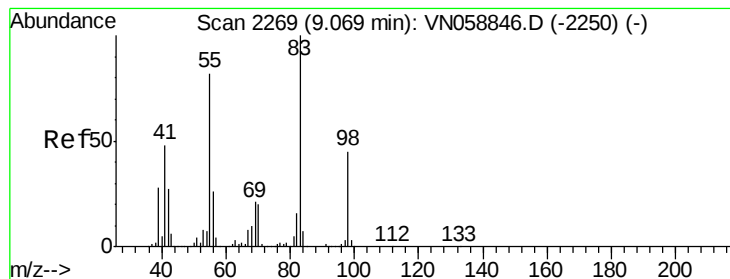
Tot Ion: 43 Resp: 783138
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 102.998 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion: 117 Resp: 713325
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5
121 30.7 25.0 37.6





#39

Methvlcvclohexane

Concen: 104.479 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

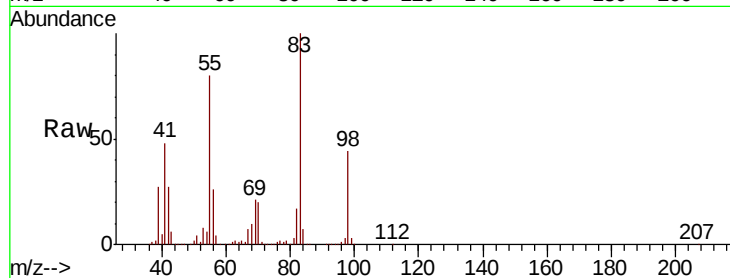
Tot Ion: 83 Resp: 857079

Ion Ratio Lower Upper

83 100

55 80.5 65.5 98.3

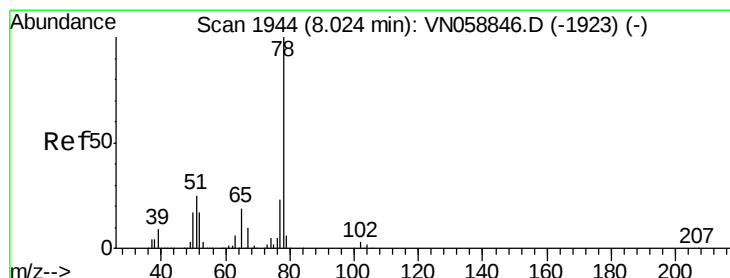
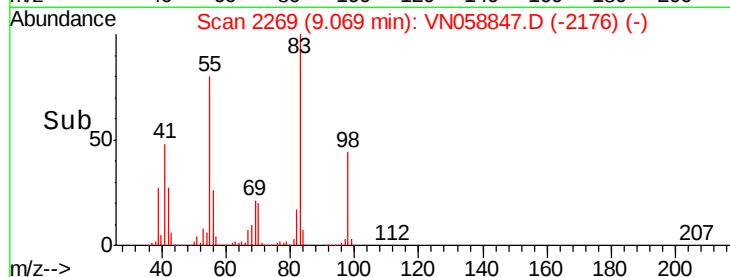
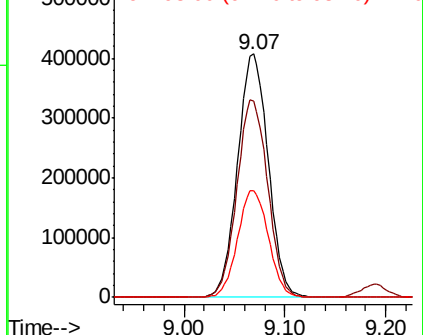
98 43.8 35.7 53.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 102.755 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN058847.D

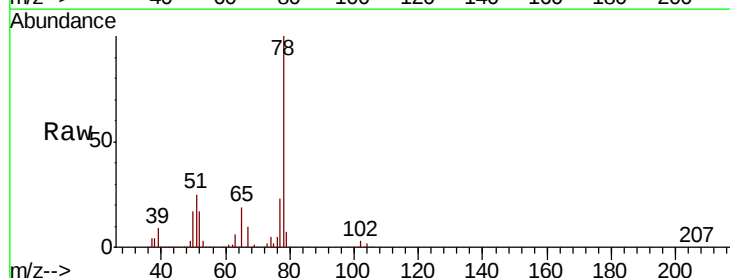
Acq: 18 Oct 2019 10:21

Tgt Ion: 78 Resp: 2102120

Ion Ratio Lower Upper

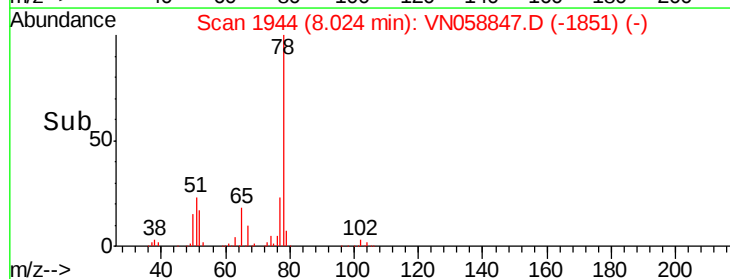
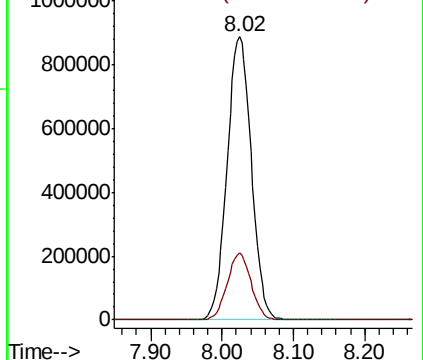
78 100

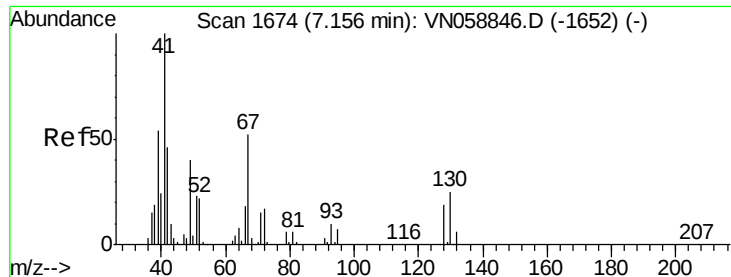
77 23.5 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



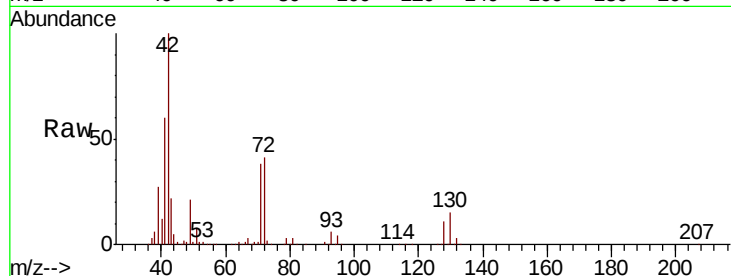


#41
Methacrylonitrile
Concen: 348.126 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 1148011

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



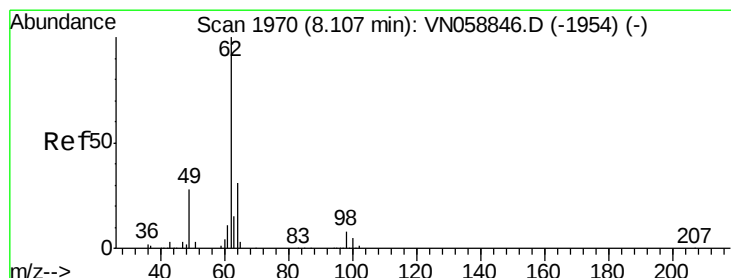
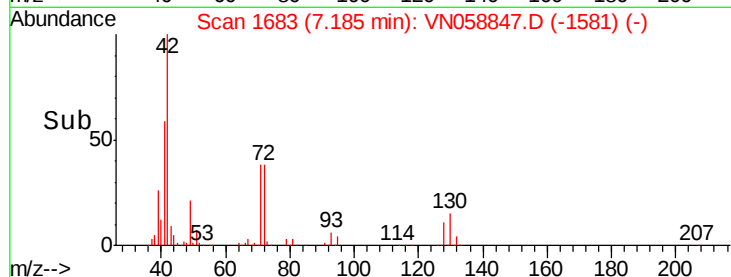
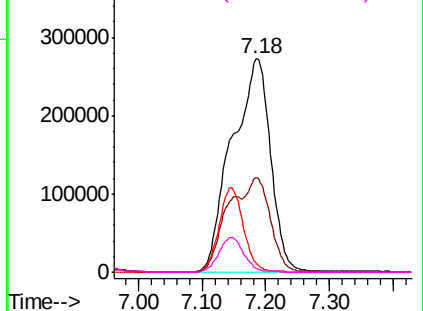
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

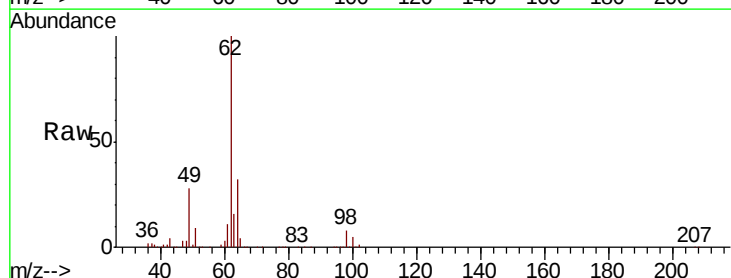
Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 99.791 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion: 62 Resp: 783294

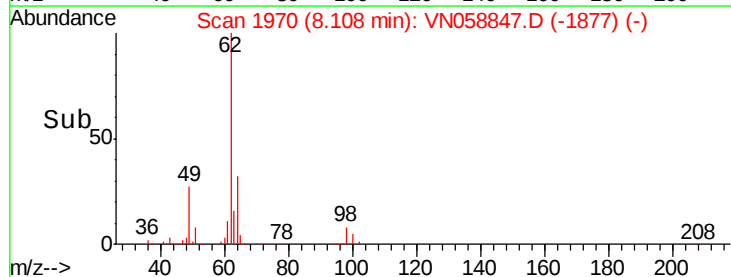
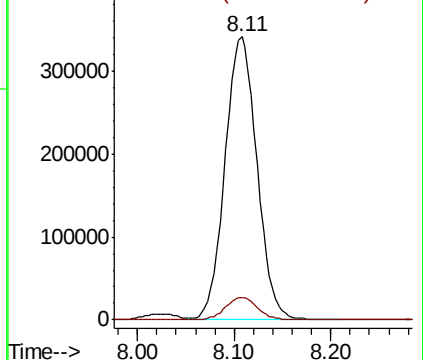
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2

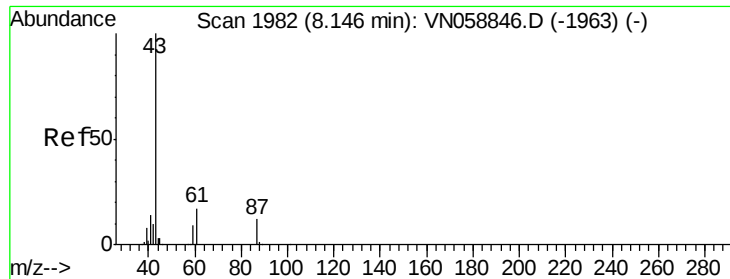


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 105.066 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

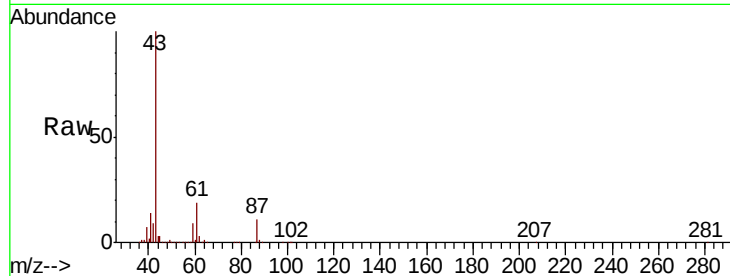
Tot Ion: 43 Resp: 1290723

Ion Ratio Lower Upper

43 100

61 25.1 20.2 30.2

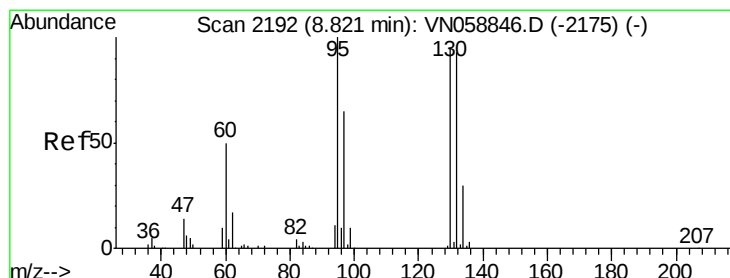
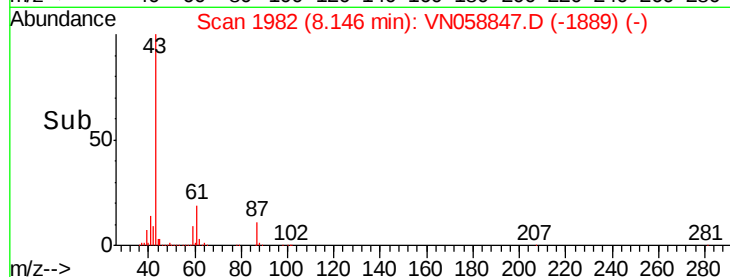
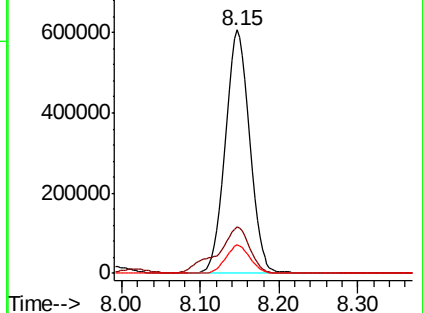
87 11.7 9.5 14.3



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) (-)



#44

Trichloroethene

Concen: 100.690 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN058847.D

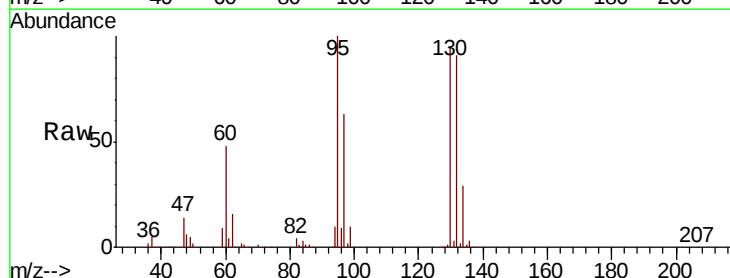
Acq: 18 Oct 2019 10:21

Tgt Ion:130 Resp: 508728

Ion Ratio Lower Upper

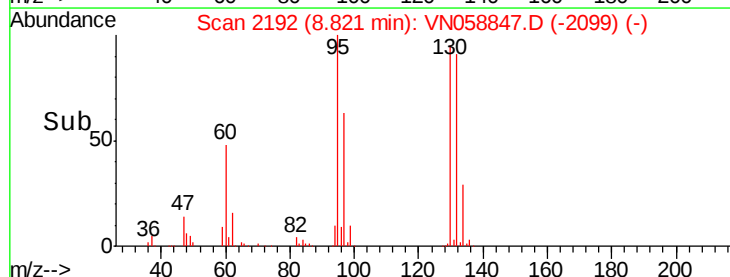
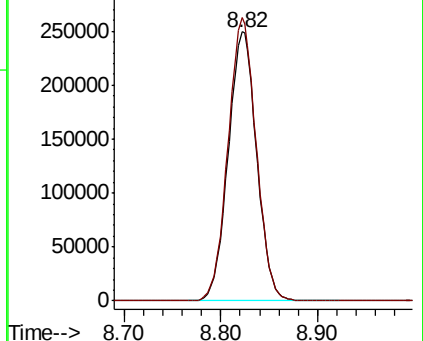
130 100

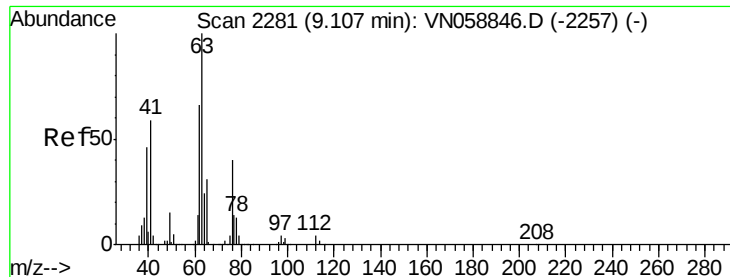
95 105.1 0.0 209.6



Abundance Ion 129.80 (129.50 to 130.50): VN058846.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN058846.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 103.973 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

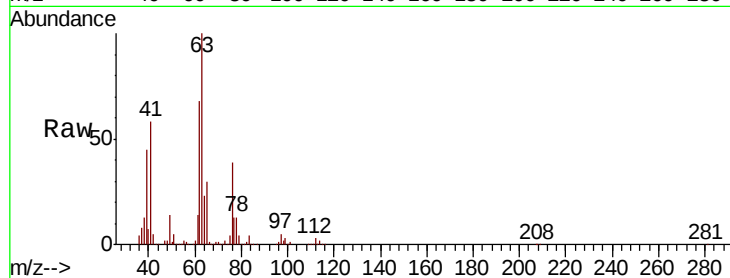
ClientSampleId :

Tot Ion: 63 Resp: 570205

Ion Ratio Lower Upper

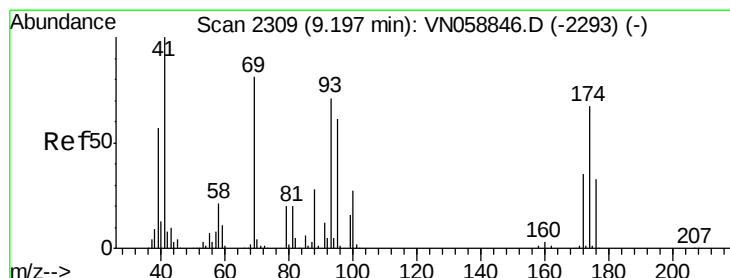
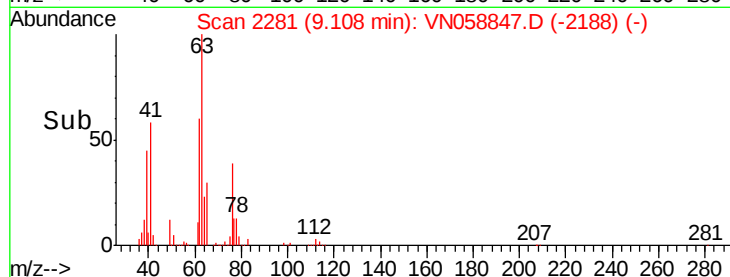
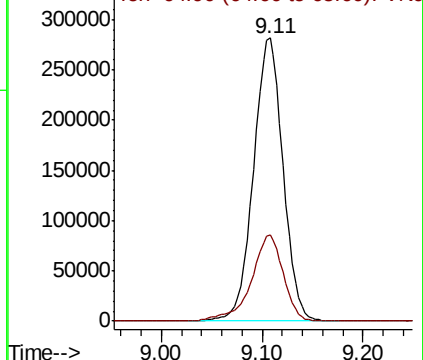
63 100

65 30.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 104.315 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

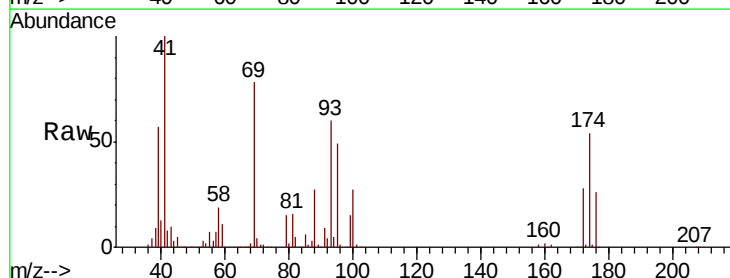
Tgt Ion: 93 Resp: 361462

Ion Ratio Lower Upper

93 100

95 82.0 67.6 101.4

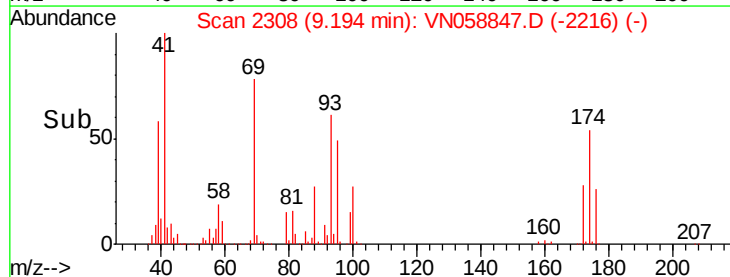
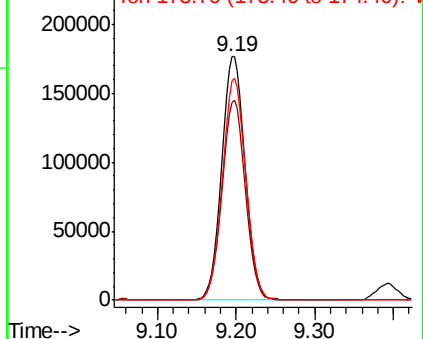
174 91.0 74.1 111.1

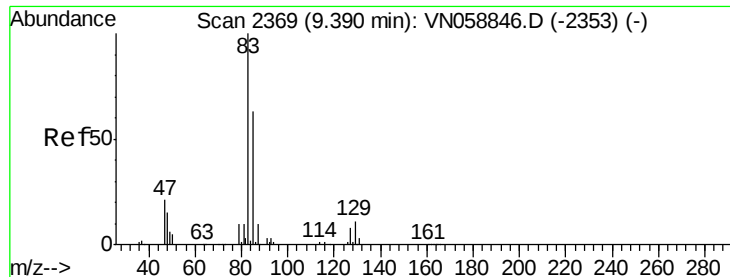


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 106.075 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :
MSVOA_N
ClientSampled :

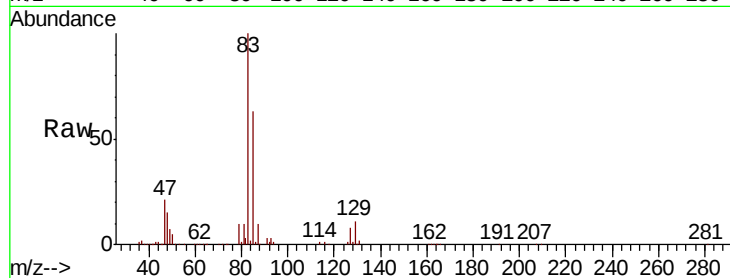
Tot Ion: 83 Resp: 750067

Ion Ratio Lower Upper

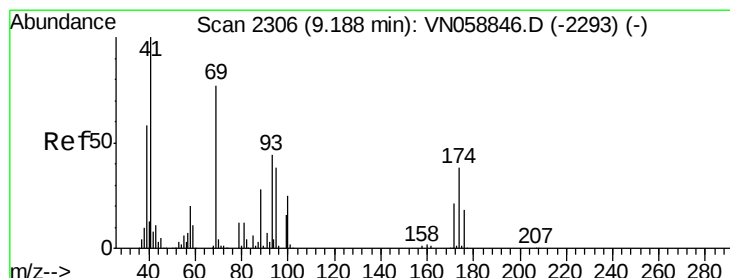
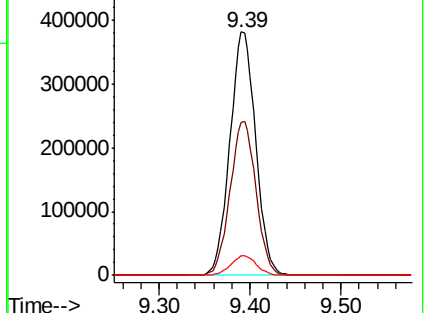
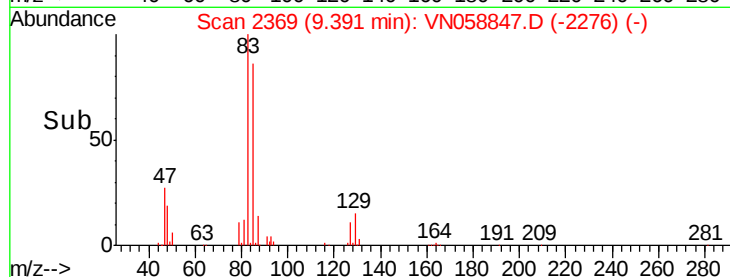
83 100

85 63.0 50.6 75.8

127 7.8 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 109.003 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

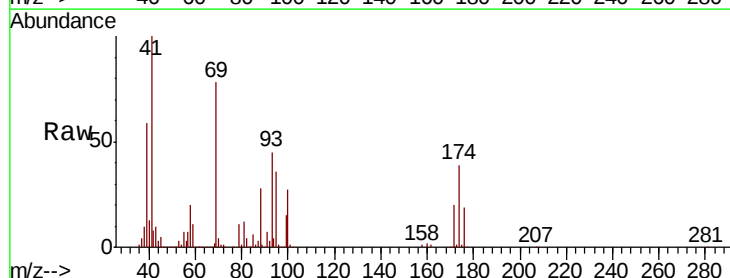
Tgt Ion: 41 Resp: 608753

Ion Ratio Lower Upper

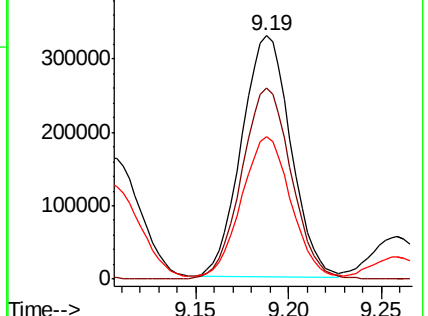
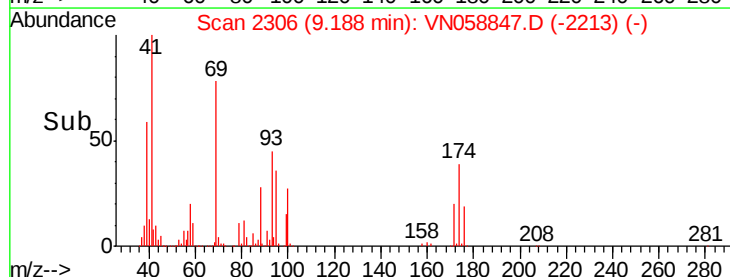
41 100

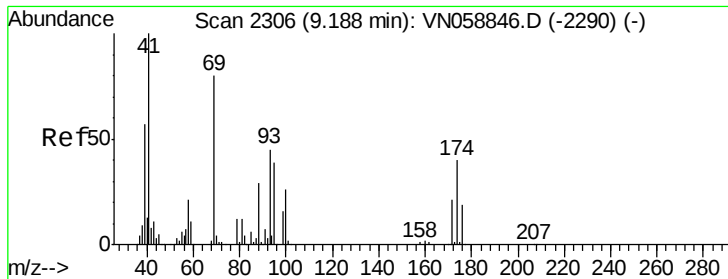
69 80.2 63.8 95.6

39 59.9 47.8 71.8



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

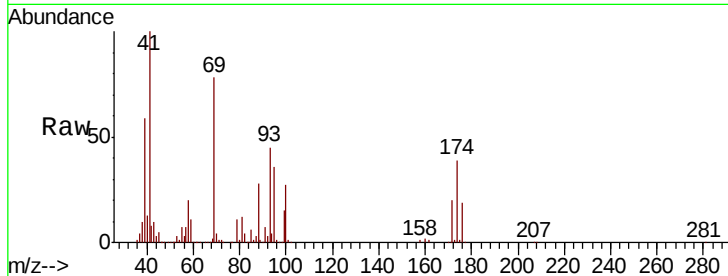




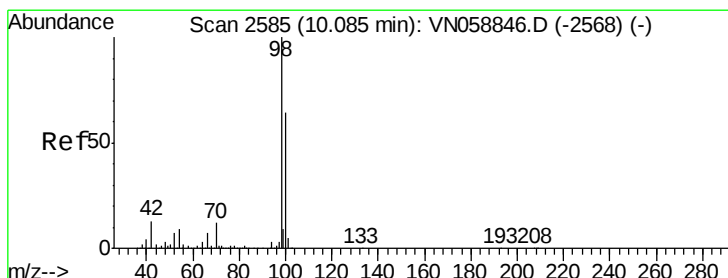
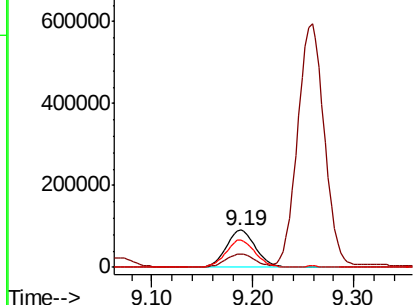
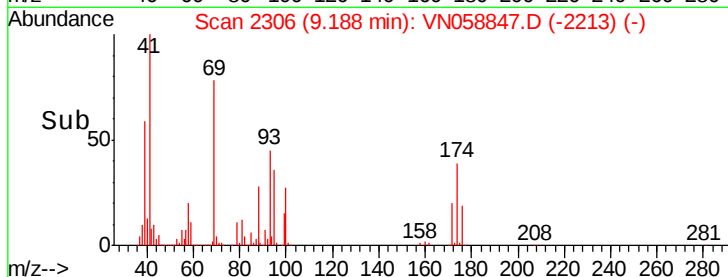
#49
1,4-Dioxane
Concen: 2131.994 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 185255
Ion Ratio Lower Upper
88 100
43 35.8 29.1 43.7
58 72.5 59.4 89.0

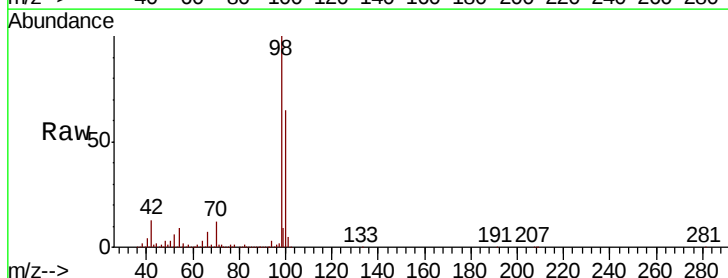


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

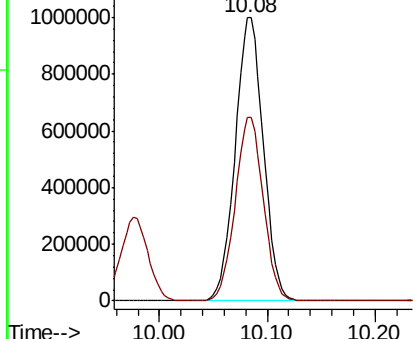
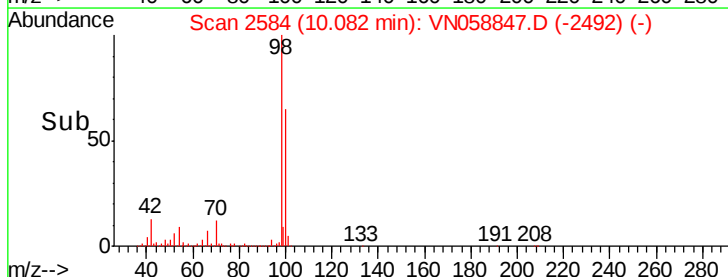


#50
Toluene-d8
Concen: 104.801 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion: 98 Resp: 1815632
Ion Ratio Lower Upper
98 100
100 64.6 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: 536.158 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

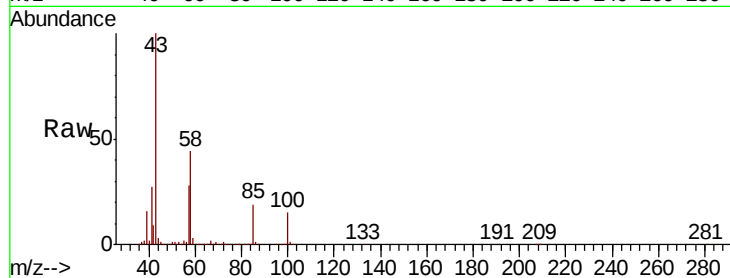
ClientSampled :

Tot Ion: 43 Resp: 3724135

Ion Ratio Lower Upper

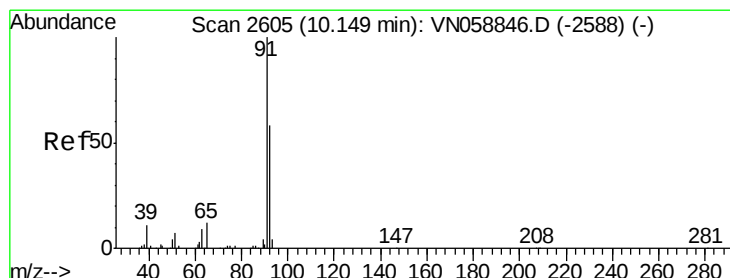
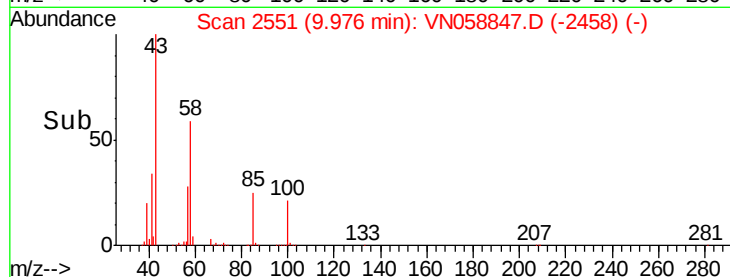
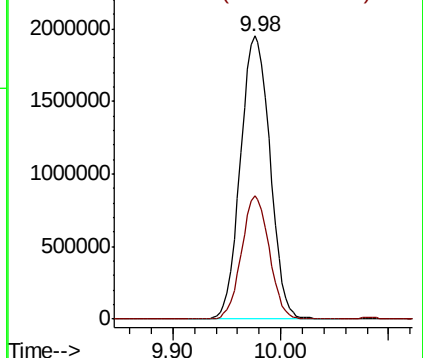
43 100

58 40.9 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-2533) (-)



#52

Toluene

Concen: 104.614 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058847.D

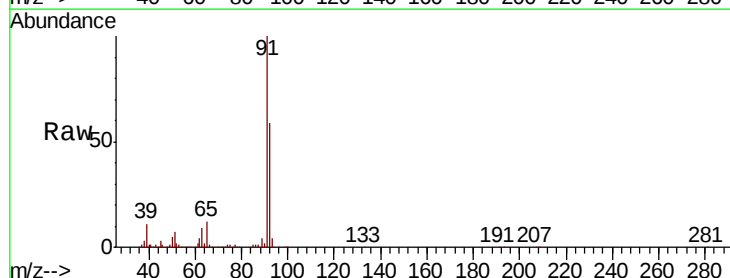
Acq: 18 Oct 2019 10:21

Tgt Ion: 92 Resp: 1306212

Ion Ratio Lower Upper

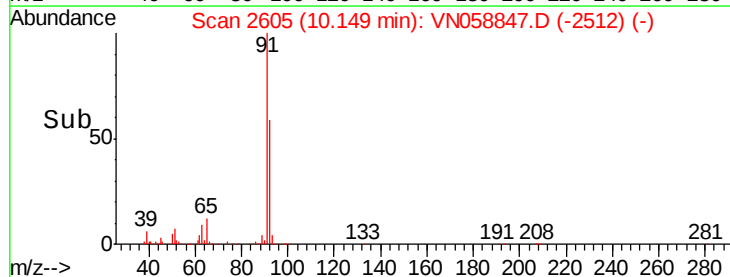
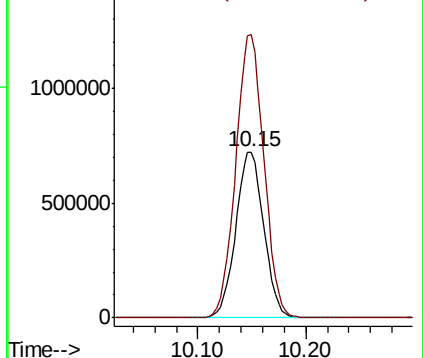
92 100

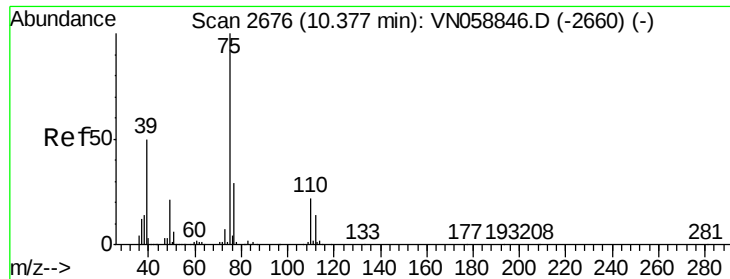
91 172.1 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN058846.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN058846.D (-2588) (-)





#53

t-1,3-Dichloropropene

Concen: 108.428 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

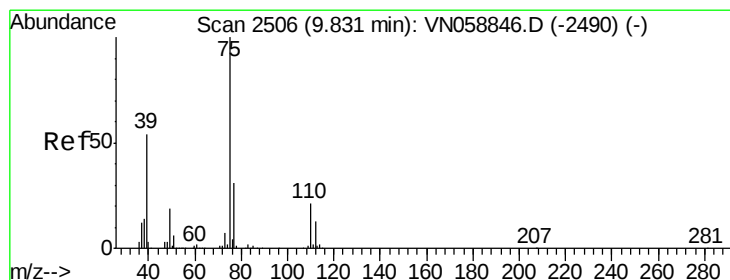
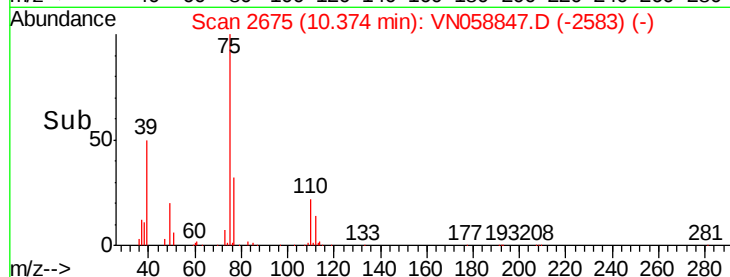
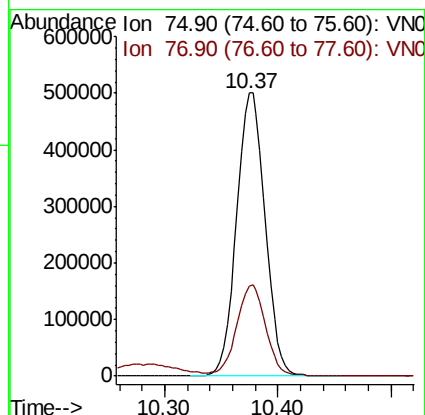
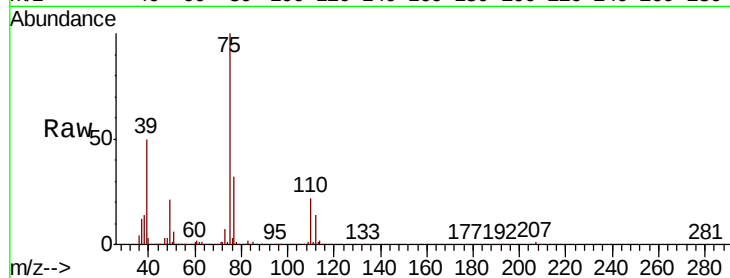
ClientSampleId :

Tot Ion: 75 Resp: 878699

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 107.457 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

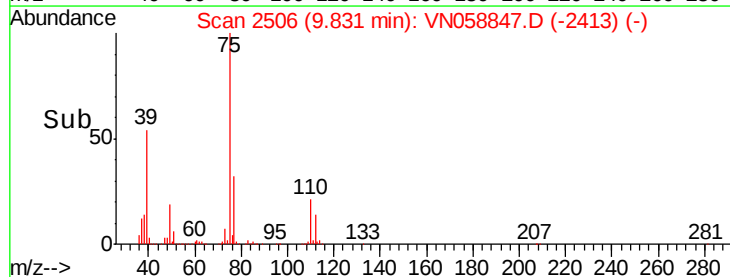
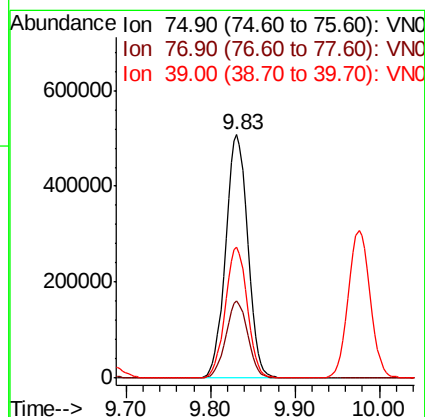
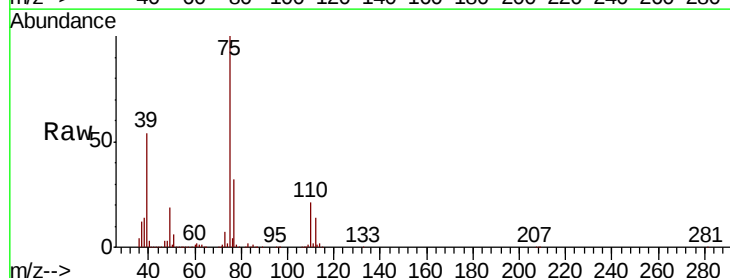
Tgt Ion: 75 Resp: 925980

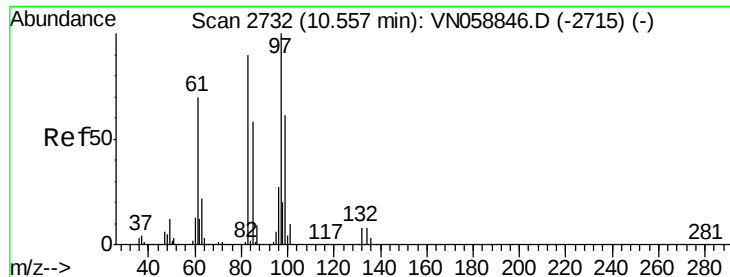
Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 53.8 43.5 65.3





#55

1,1,2-Trichloroethane

Concen: 98.457 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 503478

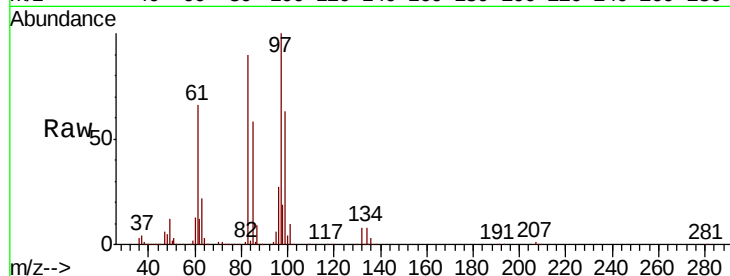
Ion Ratio Lower Upper

97 100

83 89.9 72.2 108.4

85 58.2 46.2 69.2

99 63.1 48.7 73.1

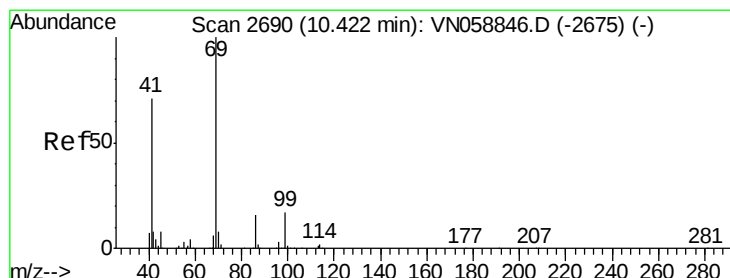
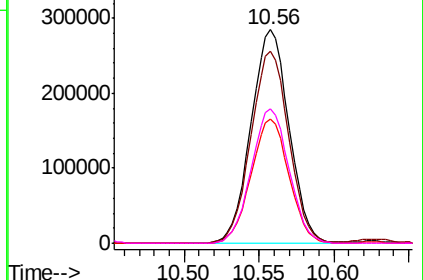
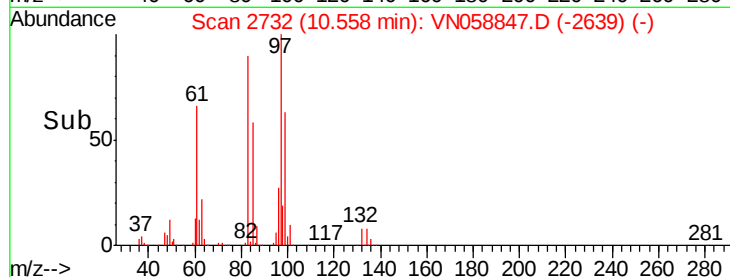


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 114.485 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

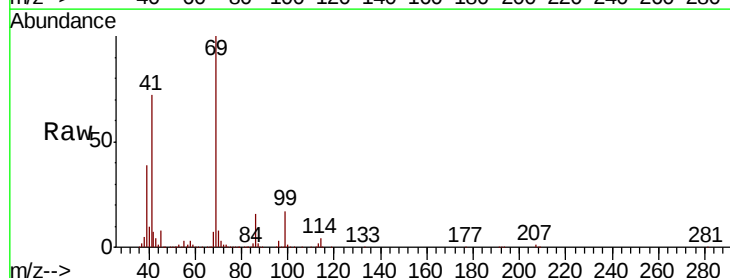
Tgt Ion: 69 Resp: 855317

Ion Ratio Lower Upper

69 100

41 71.3 57.2 85.8

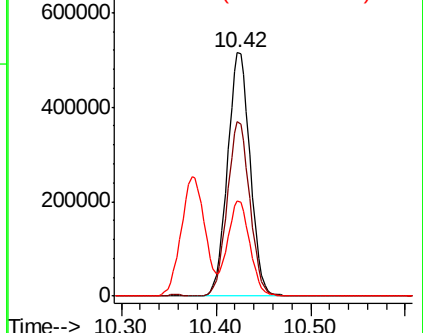
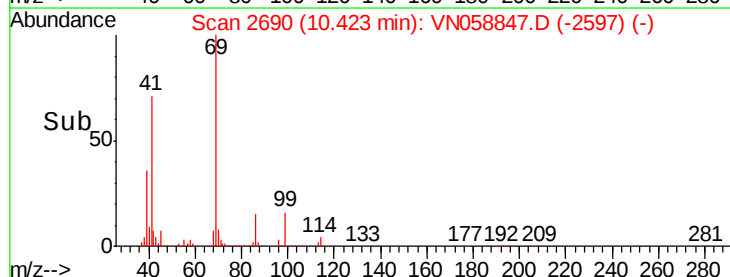
39 38.9 31.0 46.4



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 103.445 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

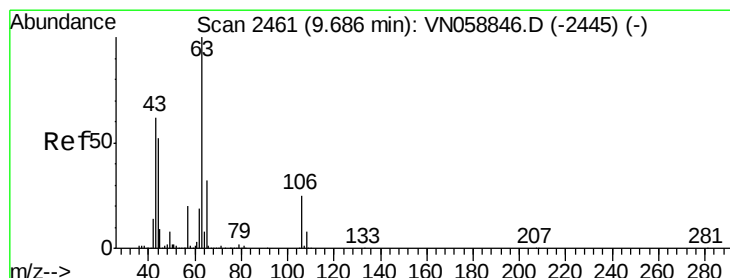
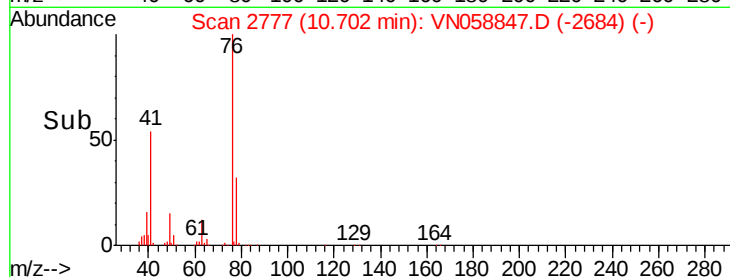
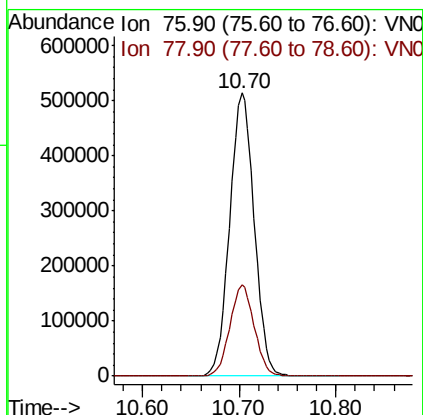
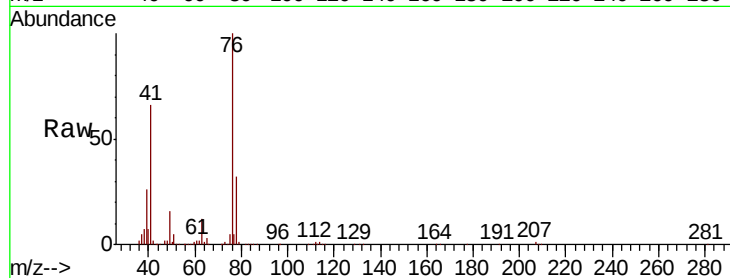
ClientSampleId :

Tot Ion: 76 Resp: 903327

Ion Ratio Lower Upper

76 100

78 32.1 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 519.910 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN058847.D

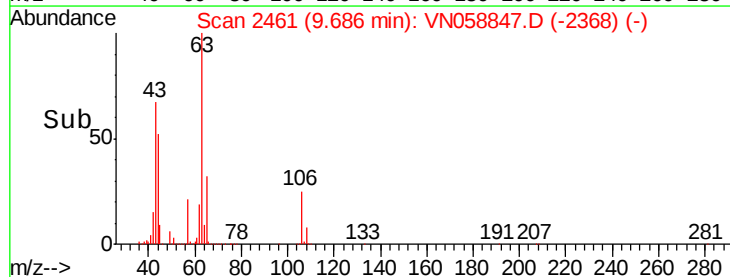
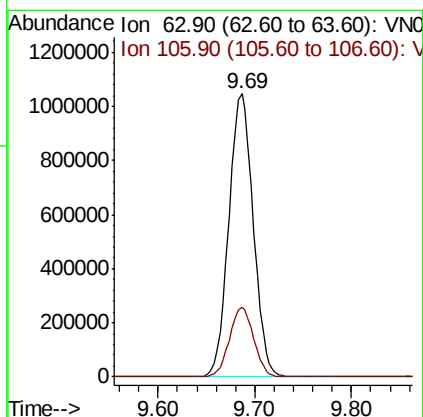
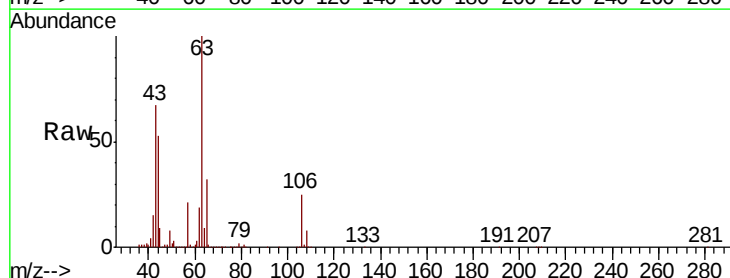
Acq: 18 Oct 2019 10:21

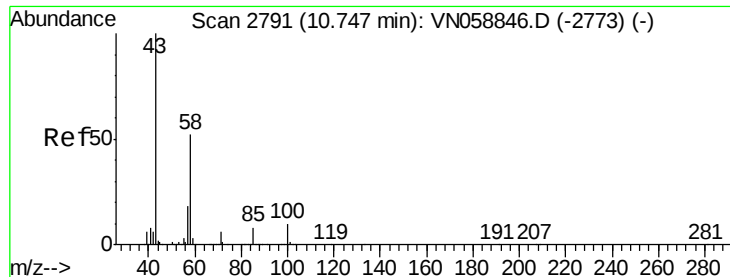
Tgt Ion: 63 Resp: 1837095

Ion Ratio Lower Upper

63 100

106 24.4 19.8 29.8

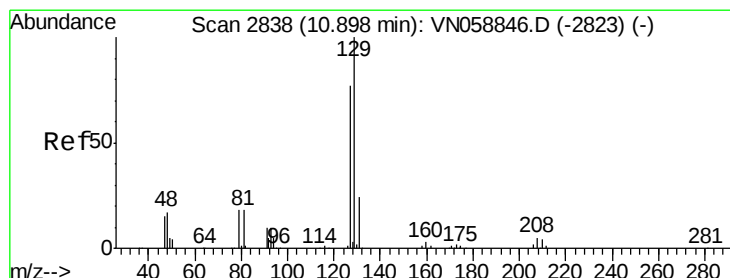
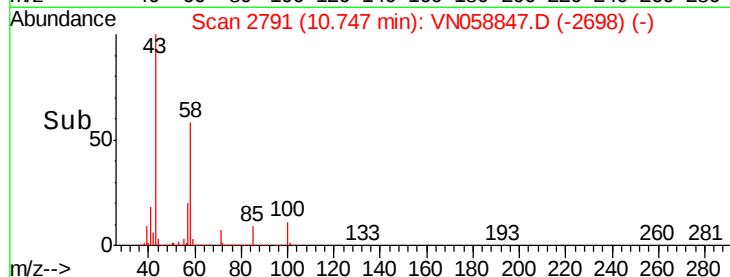
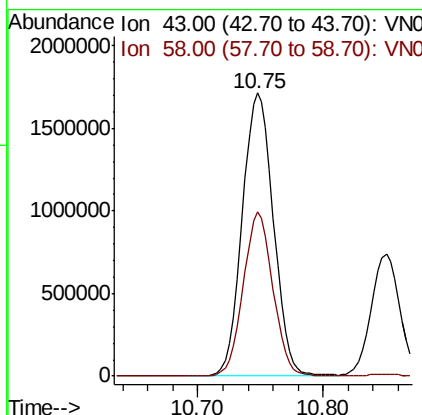
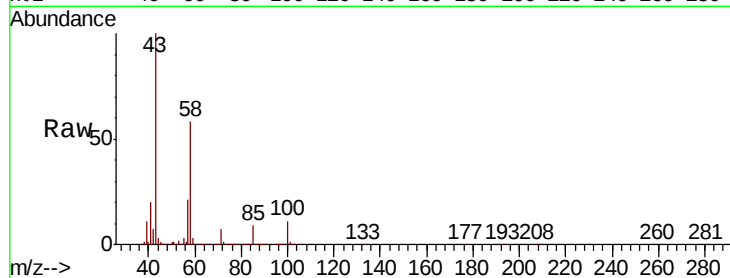




#59
2-Hexanone
Concen: 549.728 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

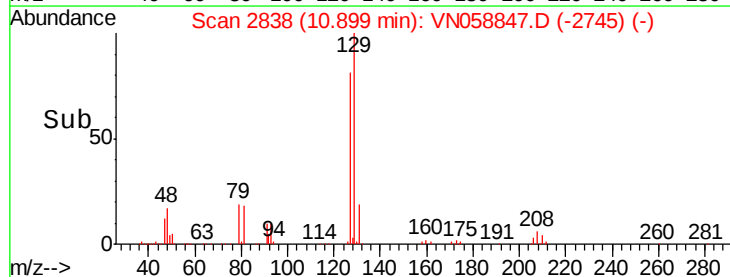
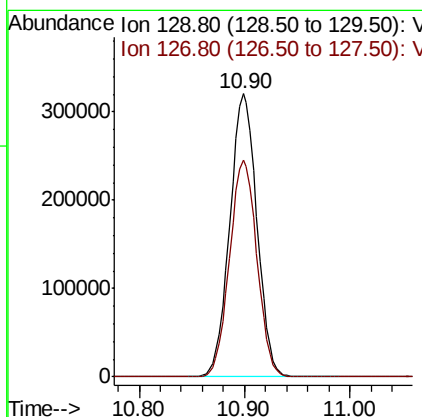
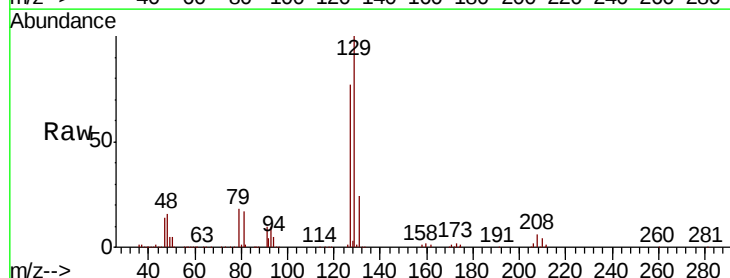
Instrument :
MSVOA_N
ClientSampled :

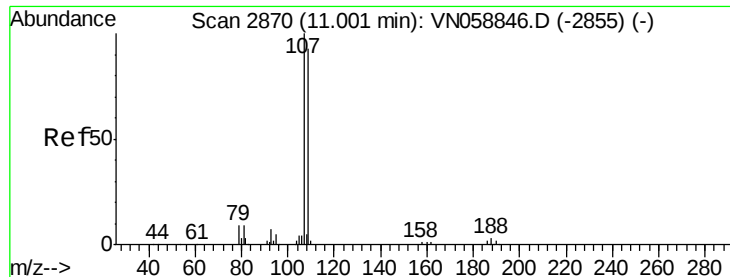
Tot Ion: 43 Resp: 2959966
Ion Ratio Lower Upper
43 100
58 55.2 25.9 77.7



#60
Dibromochloromethane
Concen: 107.777 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion: 129 Resp: 569059
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3





#61

1,2-Dibromoethane

Concen: 104.537 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

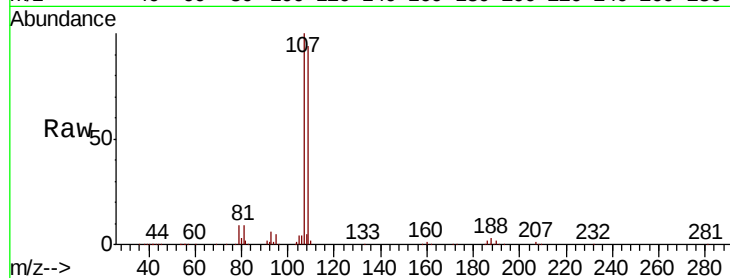
ClientSampleId :

Tot Ion:107 Resp: 535860

Ion Ratio Lower Upper

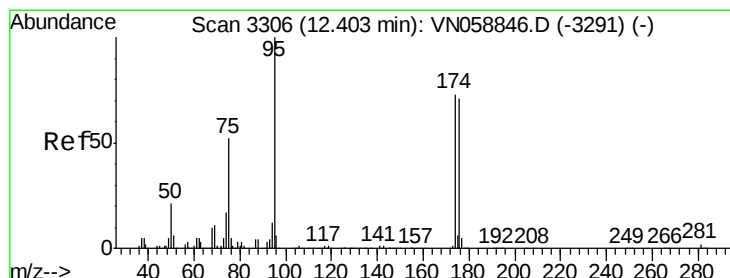
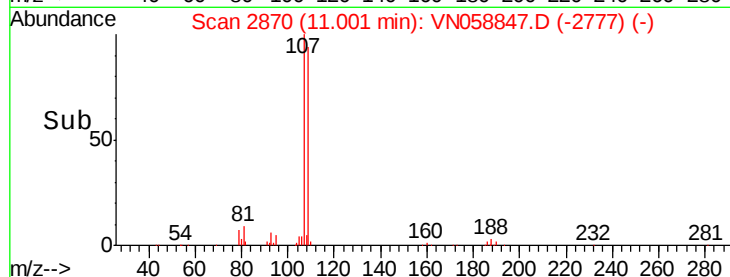
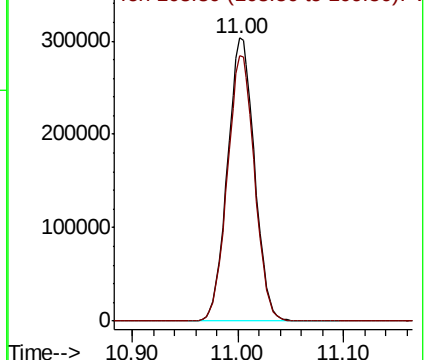
107 100

109 94.4 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 107.149 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

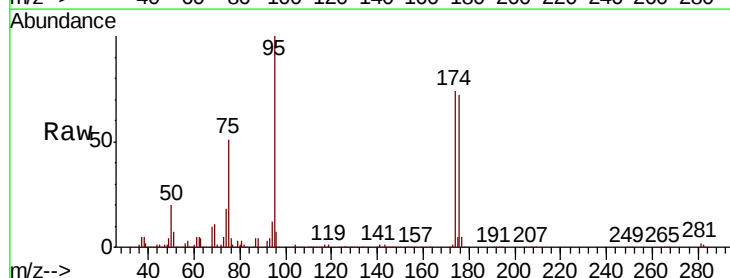
Tgt Ion: 95 Resp: 698828

Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.6

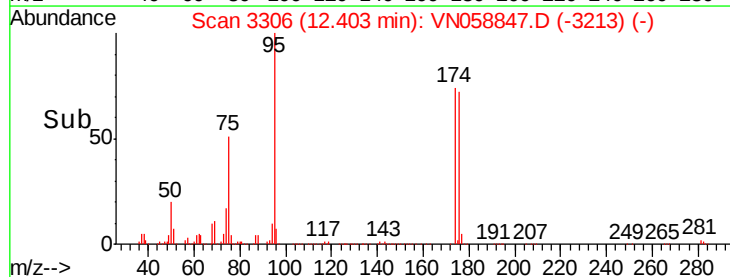
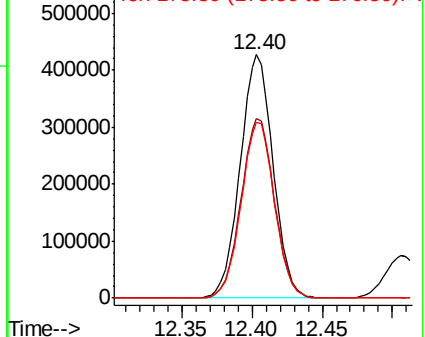
176 72.9 0.0 143.2



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

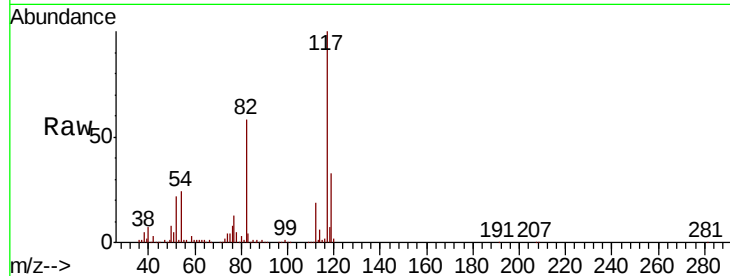




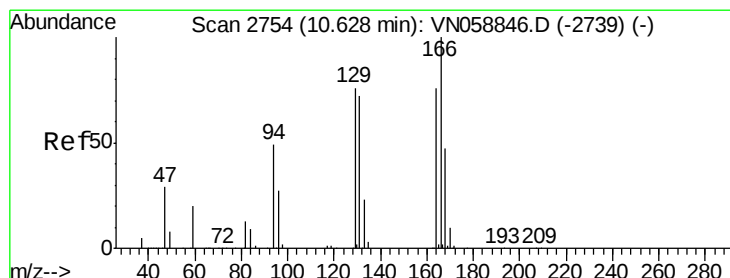
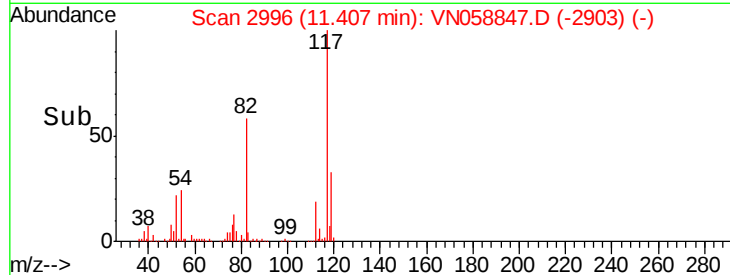
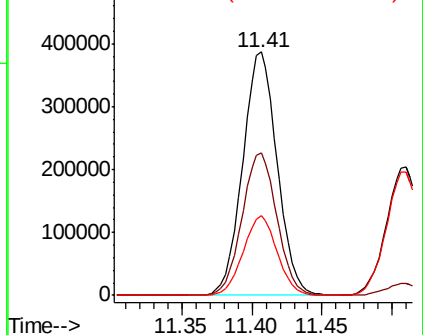
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 662723
Ion Ratio Lower Upper
117 100
82 58.3 46.6 69.8
119 32.5 25.6 38.4

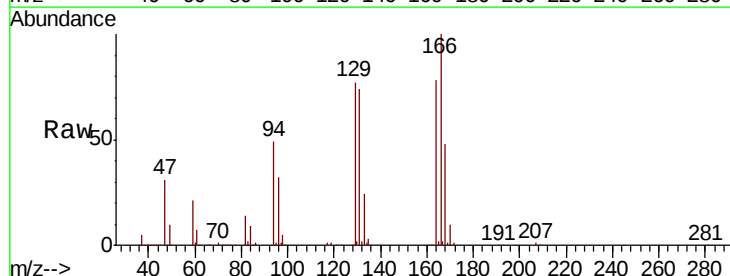


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

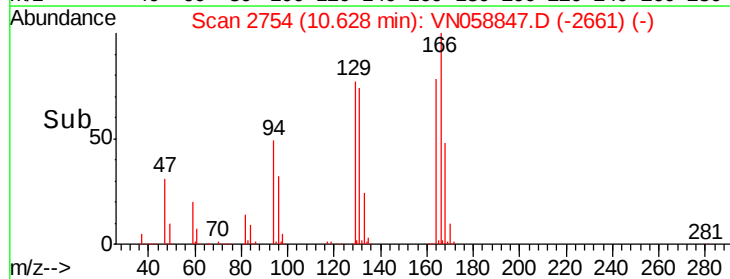
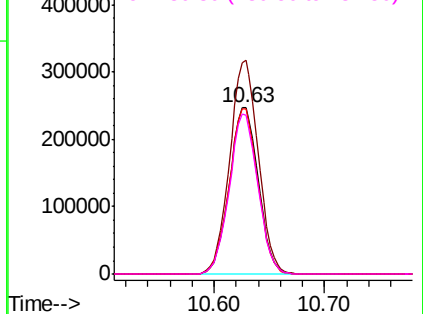


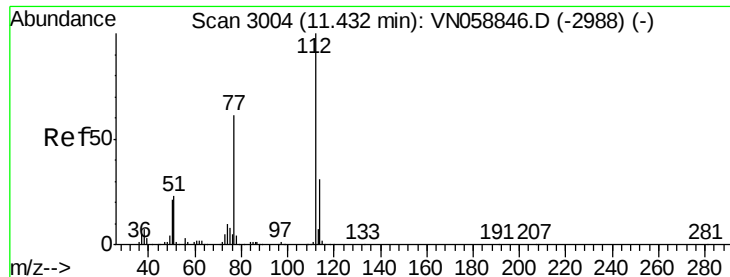
#64
Tetrachloroethene
Concen: 96.071 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion:164 Resp: 448181
Ion Ratio Lower Upper
164 100
166 128.4 104.8 157.2
129 99.1 79.3 118.9
131 95.3 75.8 113.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 101.015 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

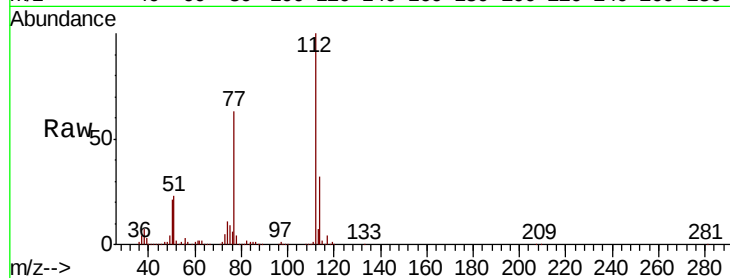
ClientSampled :

Tot Ion:112 Resp: 1367478

Ion Ratio Lower Upper

112 100

114 31.6 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

800000

600000

400000

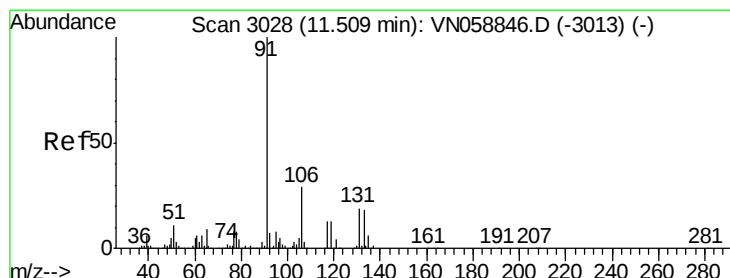
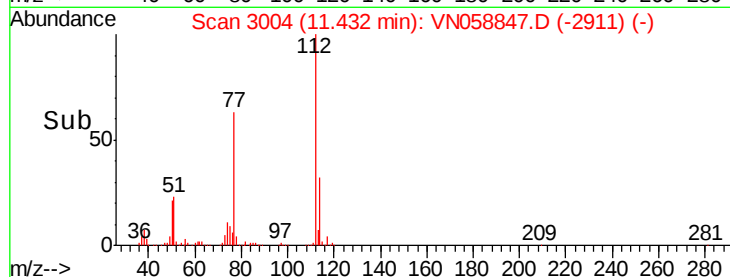
200000

0

11.43

11.40 11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 101.679 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

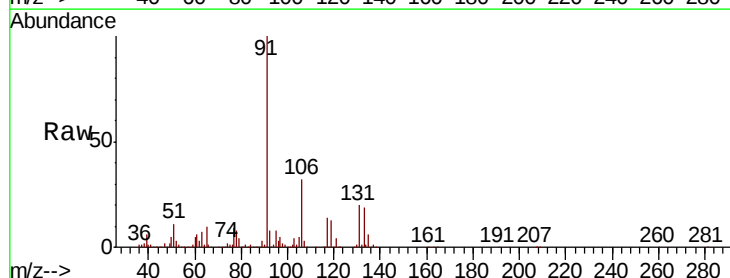
Tgt Ion:131 Resp: 509452

Ion Ratio Lower Upper

131 100

133 95.3 48.4 145.2

119 66.8 33.6 100.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

400000

300000

200000

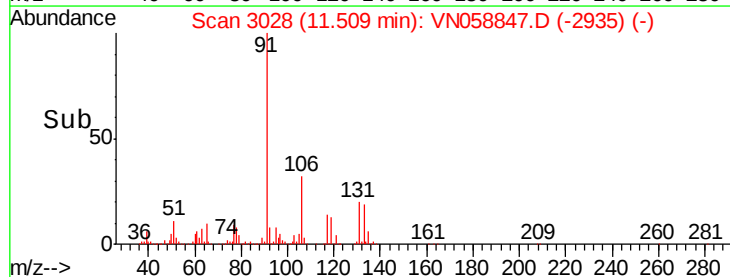
100000

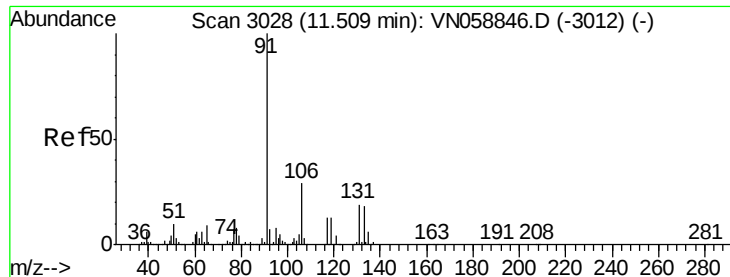
0

11.51

11.45 11.55 11.60

Time-->





#67

Ethyl Benzene

Concen: 103.546 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

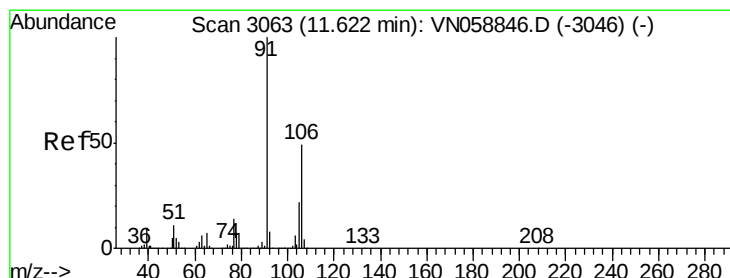
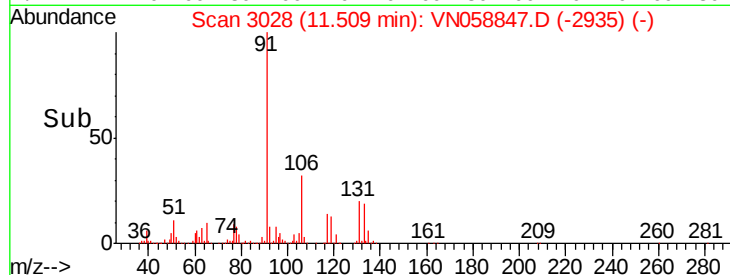
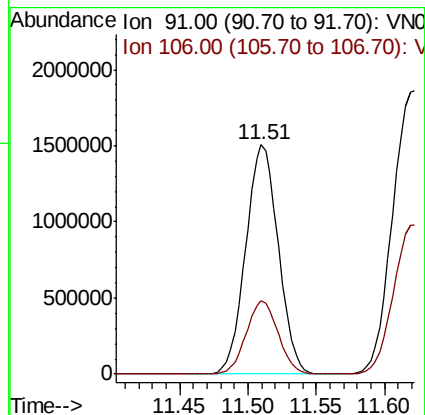
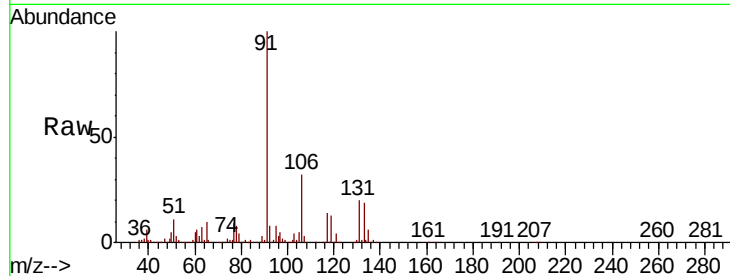
ClientSampled :

Tot Ion: 91 Resp: 2498052

Ion Ratio Lower Upper

91 100

106 31.8 23.4 35.0



#68

m/p-Xylenes

Concen: 210.687 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN058847.D

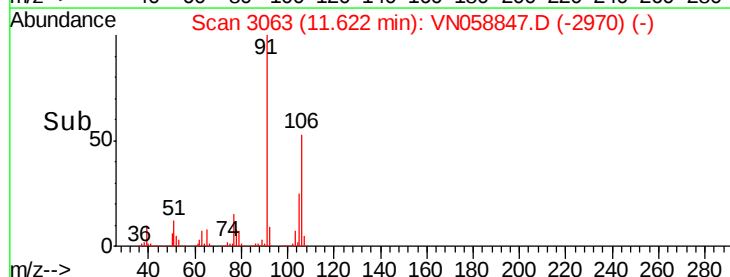
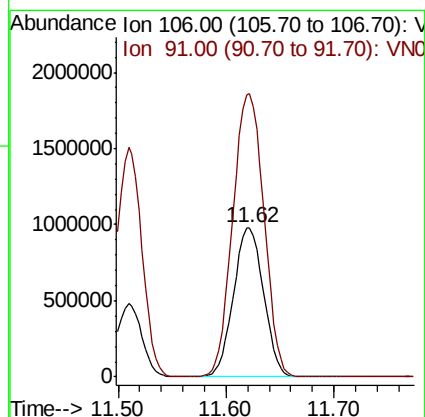
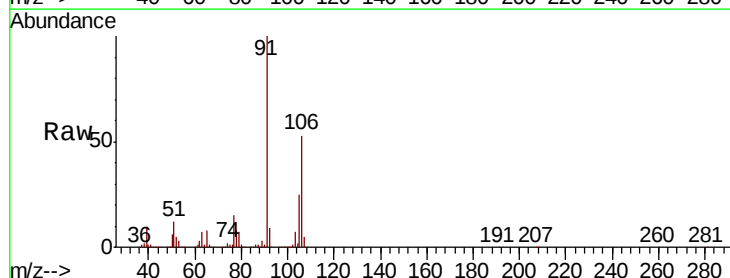
Acq: 18 Oct 2019 10:21

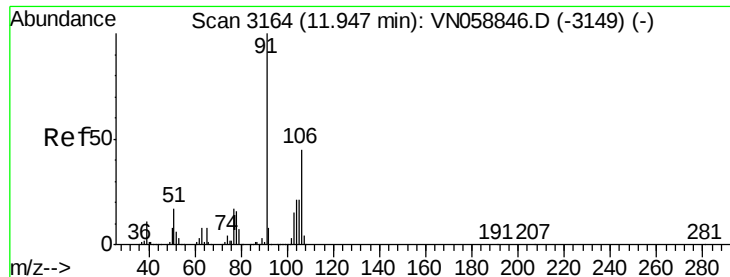
Tgt Ion: 106 Resp: 1906807

Ion Ratio Lower Upper

106 100

91 196.7 166.6 249.8

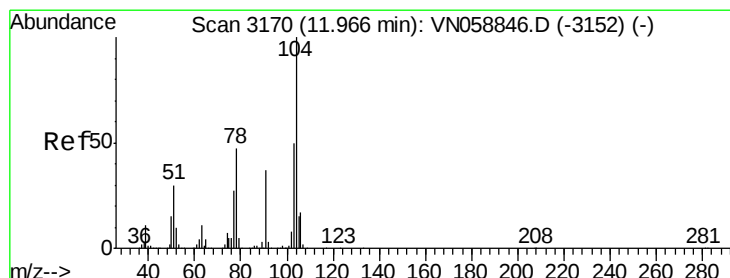
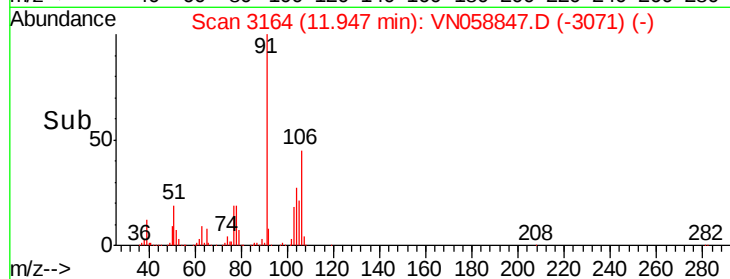
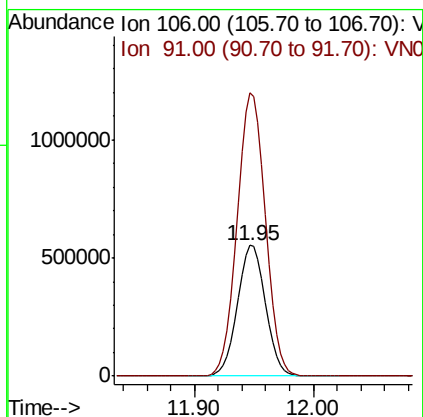
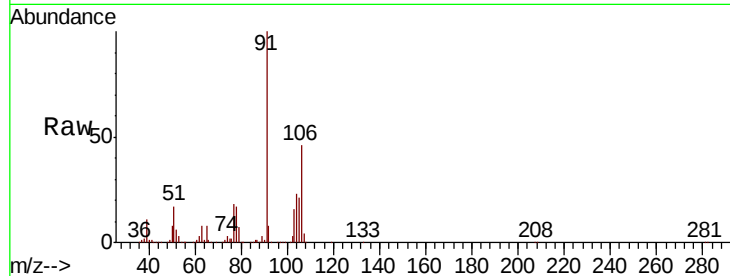




#69
o-Xylene
Concen: 103.259 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

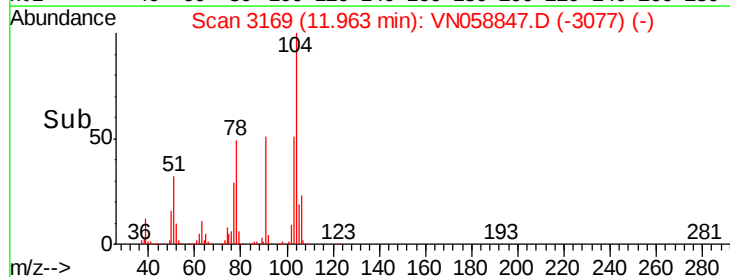
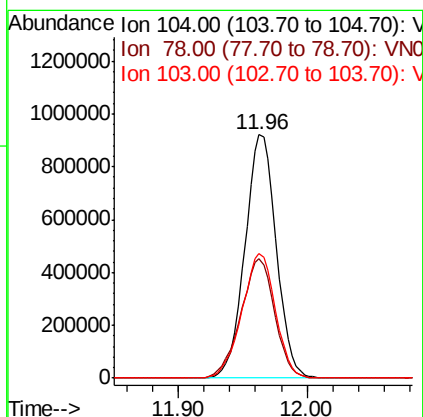
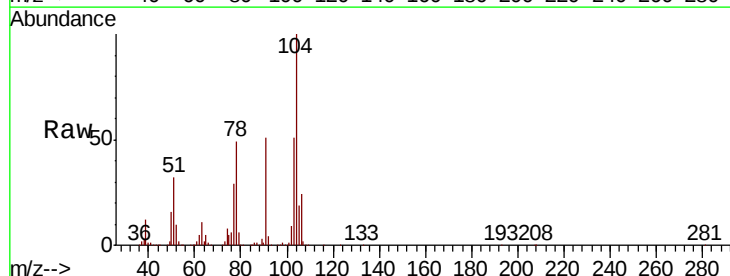
Instrument :
MSVOA_N
ClientSampleId :

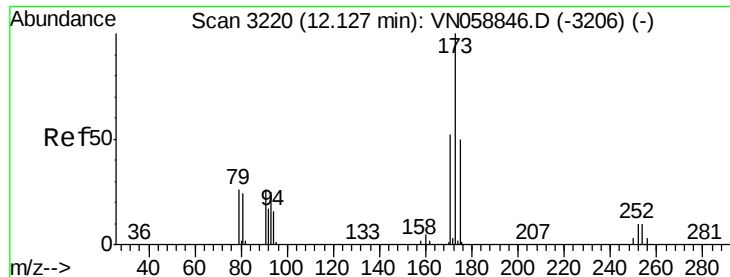
Tot Ion:106 Resp: 903156
Ion Ratio Lower Upper
106 100
91 218.5 111.5 334.4



#70
Styrene
Concen: 108.459 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion:104 Resp: 1554020
Ion Ratio Lower Upper
104 100
78 53.2 42.8 64.2
103 54.8 44.3 66.5





#71

Bromoform

Concen: 111.717 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

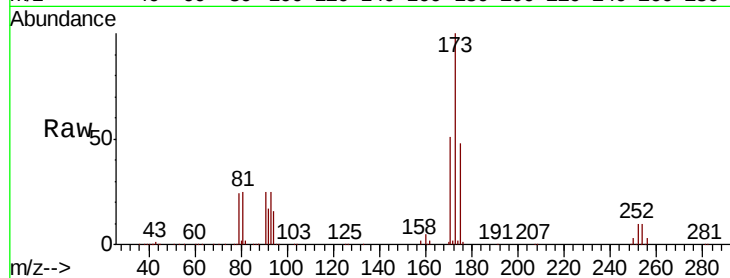
Tot Ion:173 Resp: 413044

Ion Ratio Lower Upper

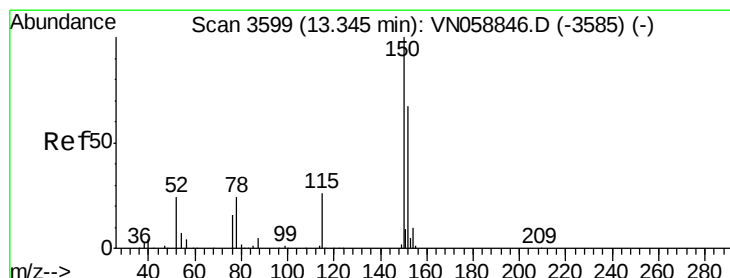
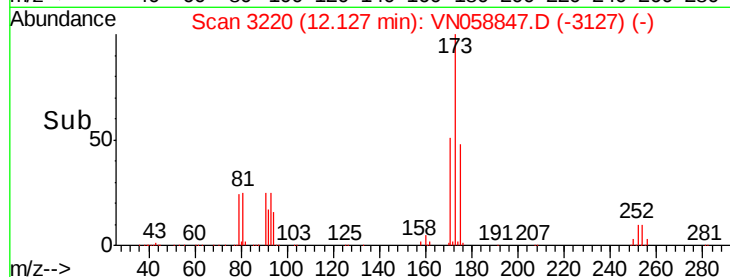
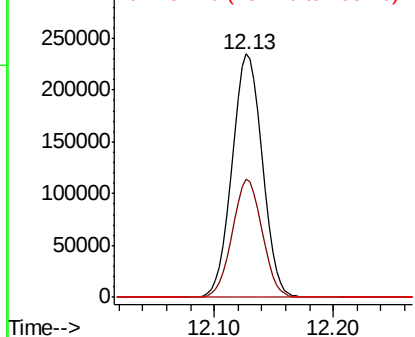
173 100

175 47.9 24.7 74.1

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

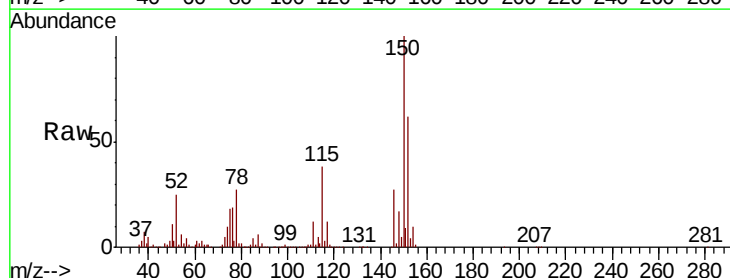
Tgt Ion:152 Resp: 332372

Ion Ratio Lower Upper

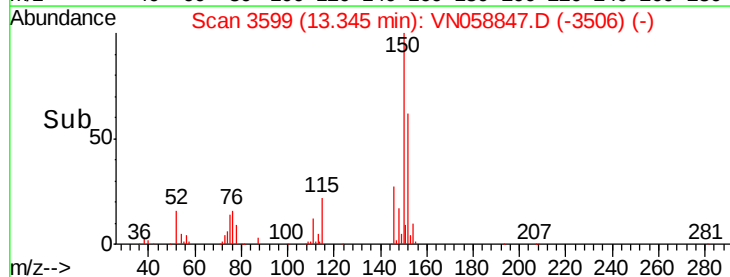
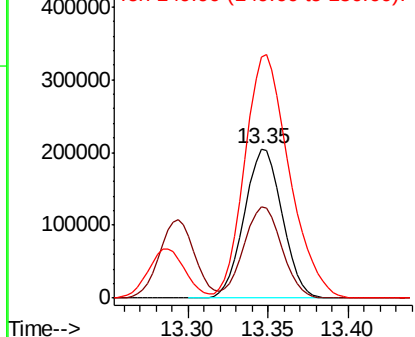
152 100

115 61.0 30.5 91.5

150 191.7 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

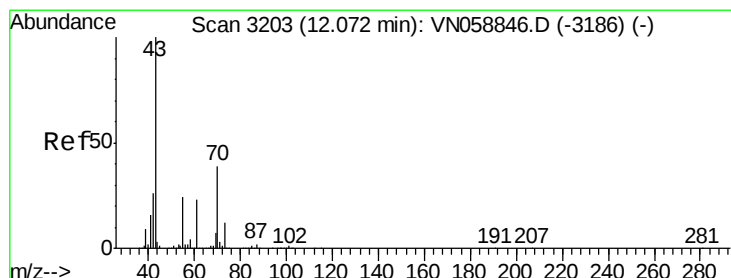
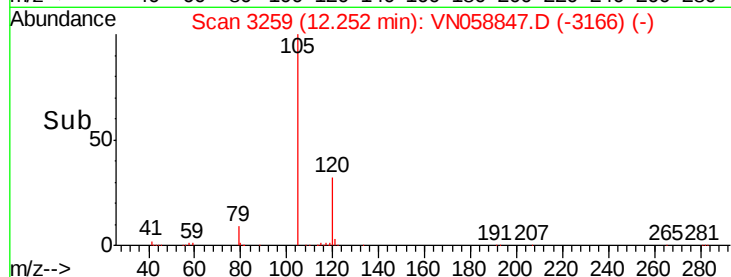
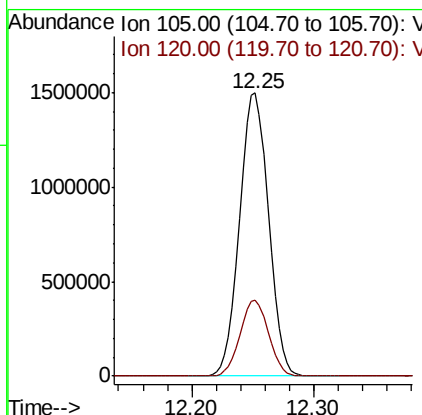
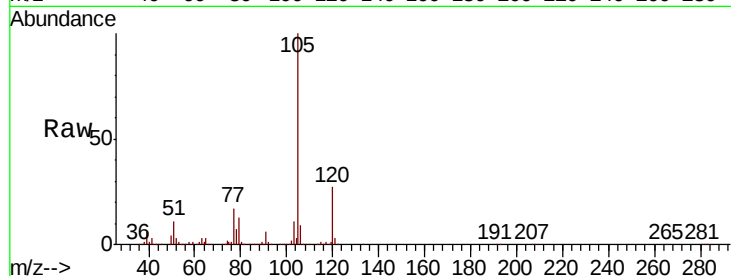




#73
Isopropylbenzene
Concen: 100.774 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

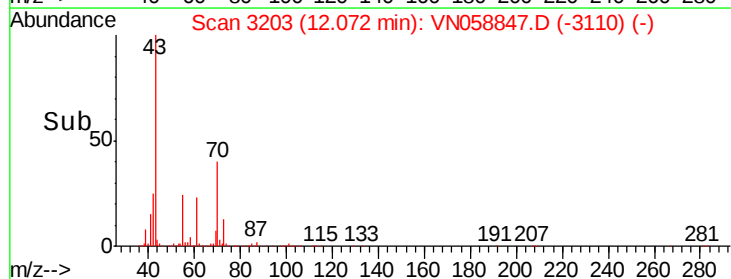
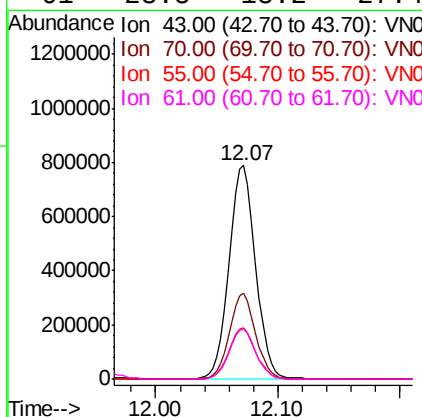
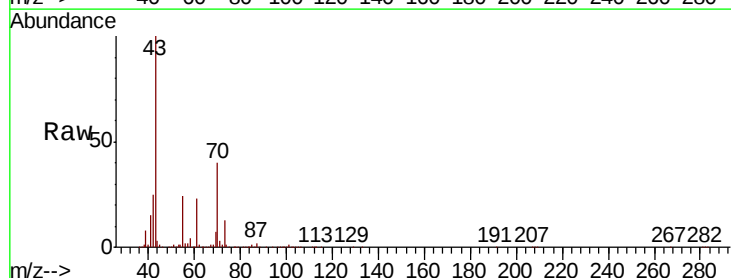
Instrument :
MSVOA_N
ClientSampleId :

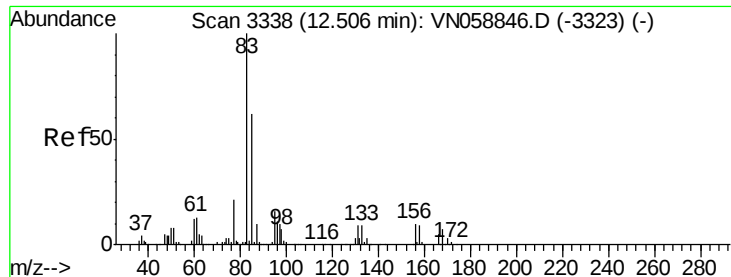
Tot Ion:105 Resp: 2443607
Ion Ratio Lower Upper
105 100
120 26.4 12.8 38.4



#74
N-ethyl acetate
Concen: 108.926 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion: 43 Resp: 1196166
Ion Ratio Lower Upper
43 100
70 39.6 30.9 46.3
55 24.1 19.7 29.5
61 23.5 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 99.537 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

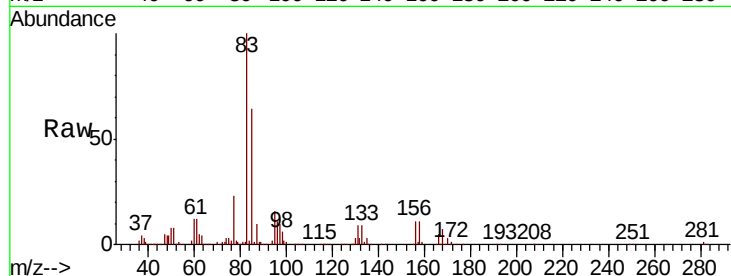
Tot Ion: 83 Resp: 801505

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

85 63.4 31.7 95.1



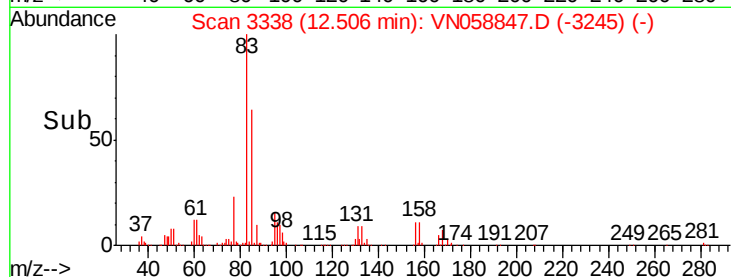
Abundance Ion 82.90 (82.60 to 83.60): VN058847.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN058847.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN058847.D (-3245) (-)

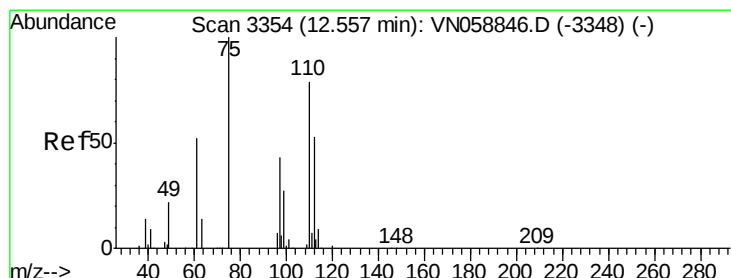
12.51

Time-->



Abundance Ion 82.90 (82.60 to 83.60): VN058847.D (-3245) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 147.186 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN058847.D

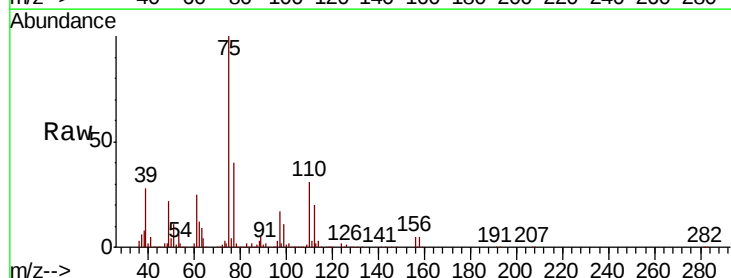
Acq: 18 Oct 2019 10:21

Tgt Ion: 75 Resp: 1101011

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

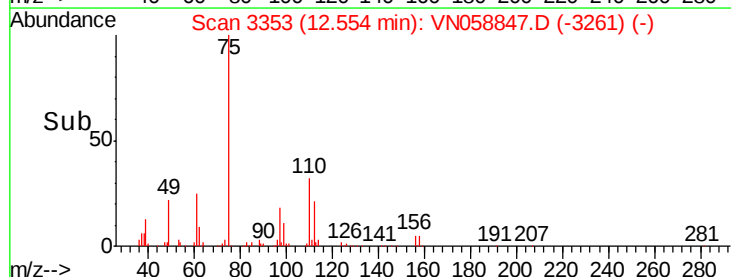


Abundance Ion 74.90 (74.60 to 75.60): VN058847.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN058847.D (-3261) (-)

12.55

Time-->

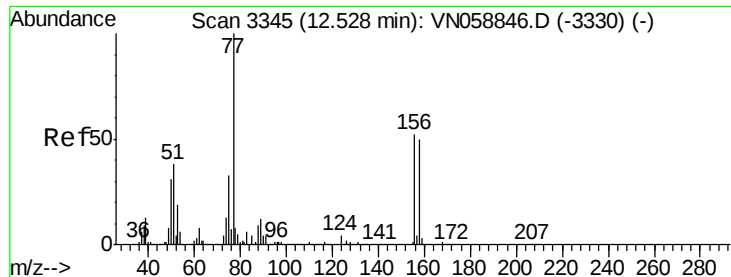


Abundance Ion 74.90 (74.60 to 75.60): VN058847.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN058847.D (-3261) (-)

12.55

Time-->



#77

Bromobenzene

Concen: 97.975 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

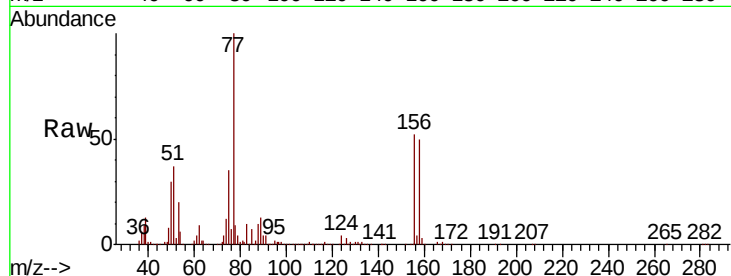
Tot Ion:156 Resp: 578933

Ion Ratio Lower Upper

156 100

77 234.5 118.0 354.0

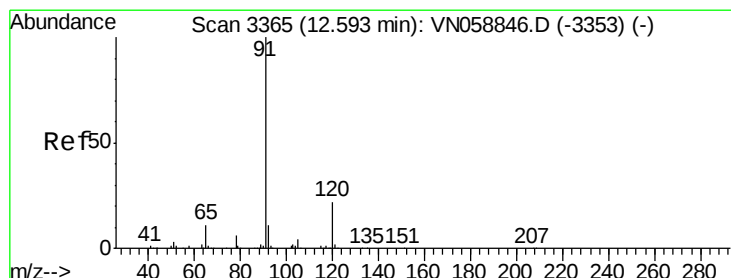
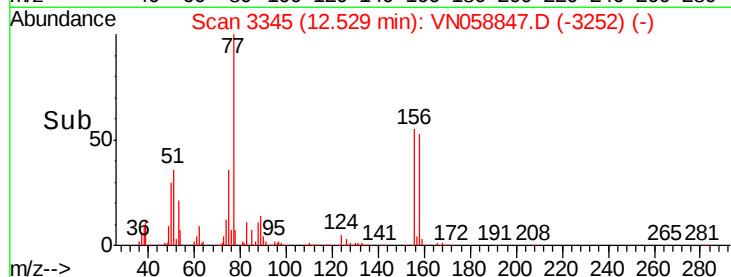
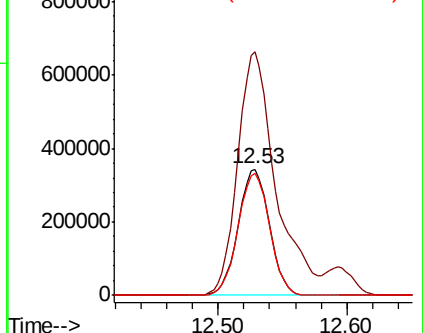
158 97.6 48.3 144.8



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



#78

n-propylbenzene

Concen: 102.320 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN058847.D

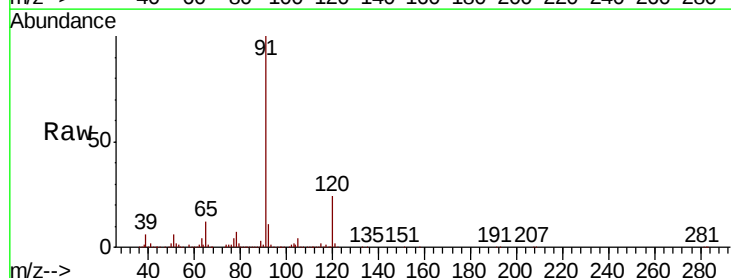
Acq: 18 Oct 2019 10:21

Tgt Ion: 91 Resp: 2895006

Ion Ratio Lower Upper

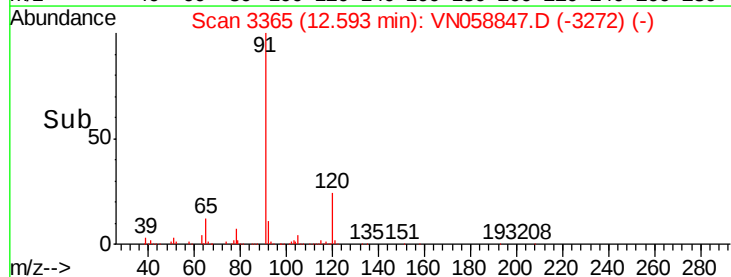
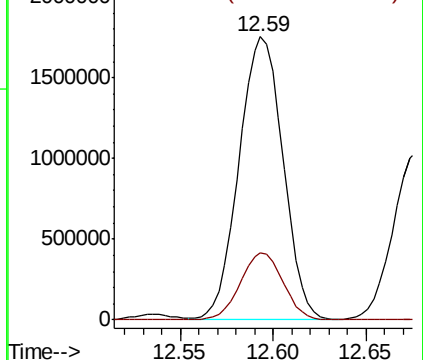
91 100

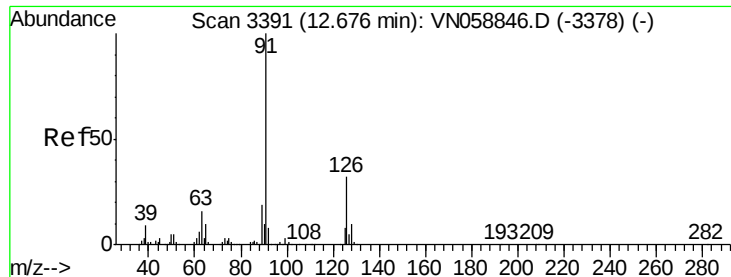
120 22.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

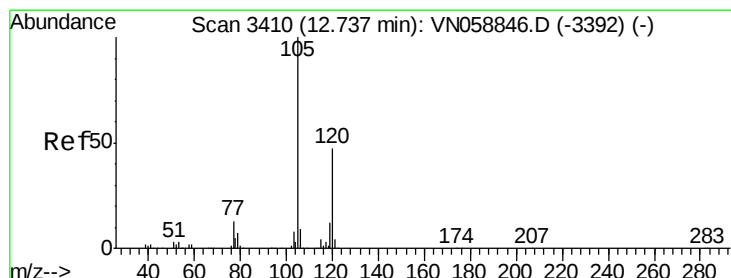
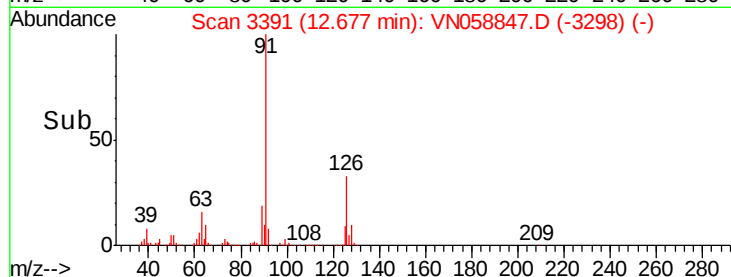
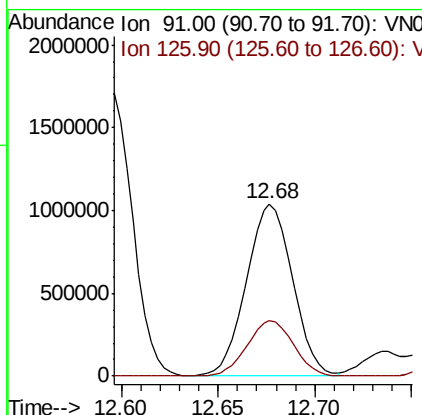
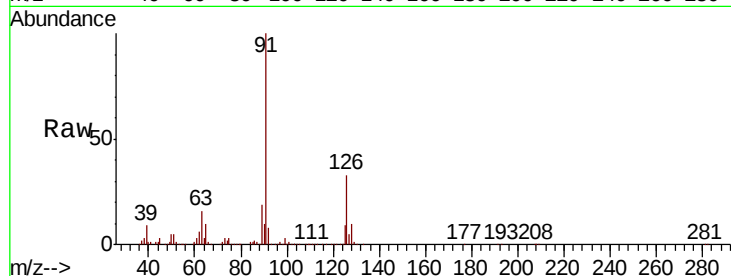




#79
2-Chlorotoluene
Concen: 98.833 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

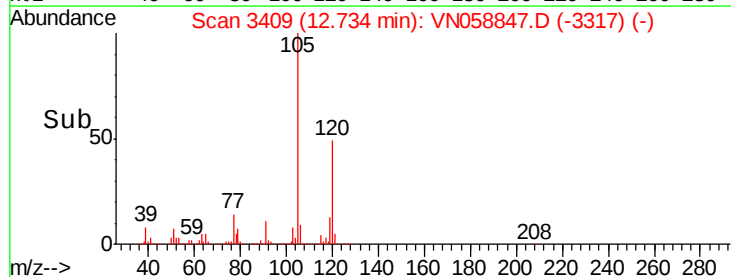
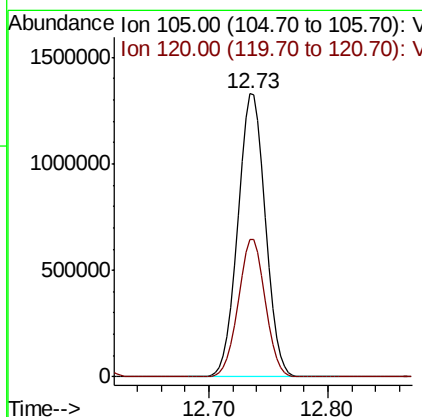
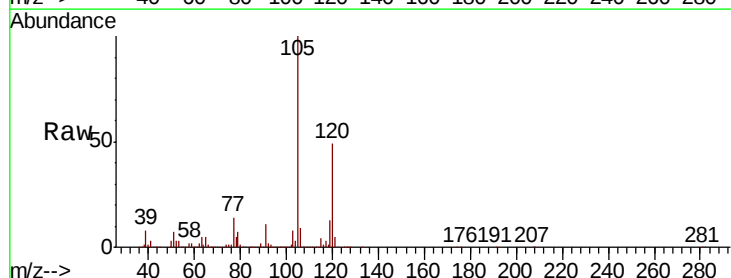
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 1735233
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 102.617 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion:105 Resp: 2124333
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 109.555 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

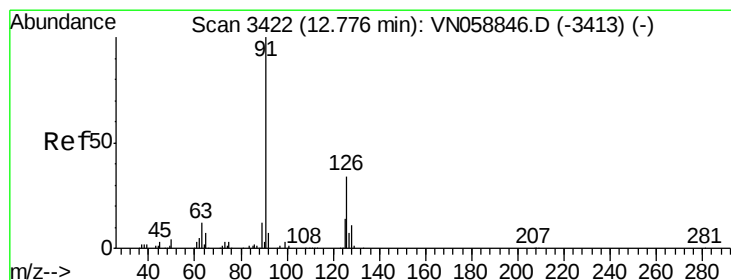
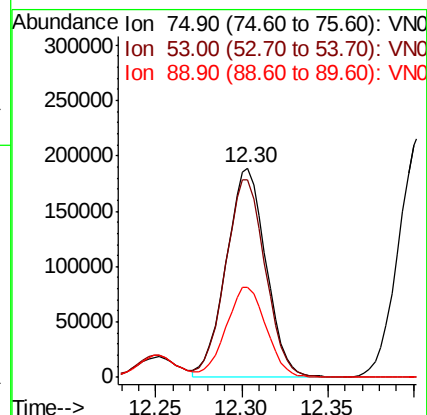
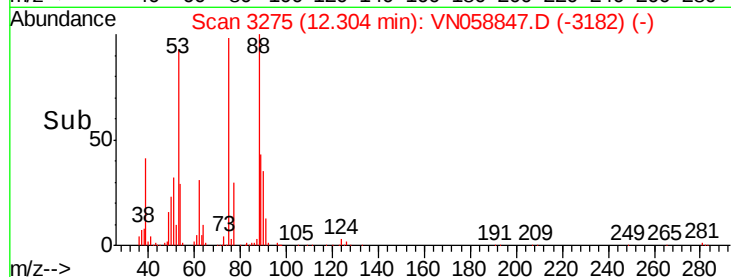
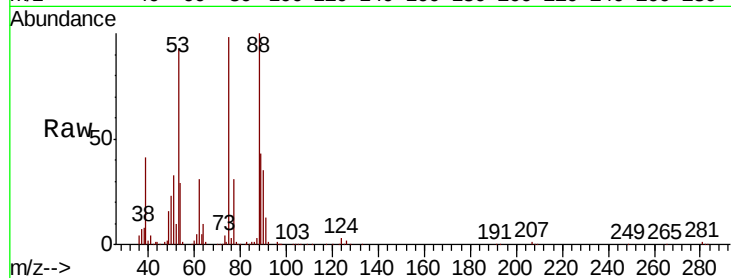
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 305324

Ion	Ratio	Lower	Upper
75	100		
53	95.0	78.6	118.0
89	43.6	35.4	53.0



#82

4-Chlorotoluene

Concen: 101.112 ug/l

RT: 12.78 min Scan# 3422

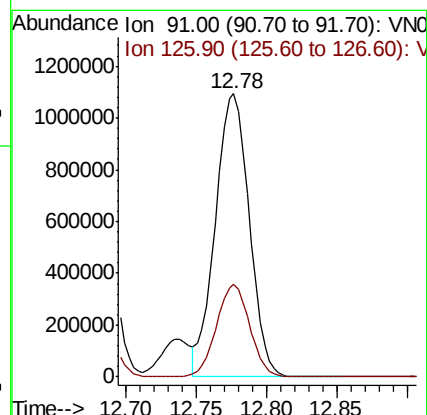
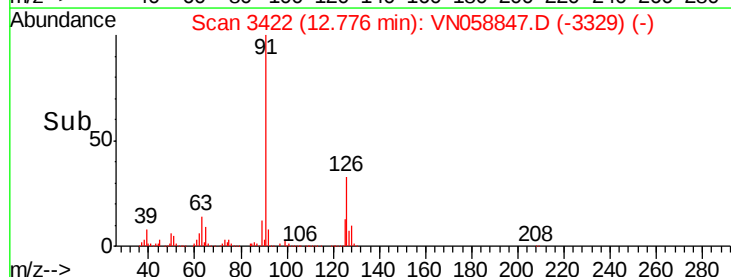
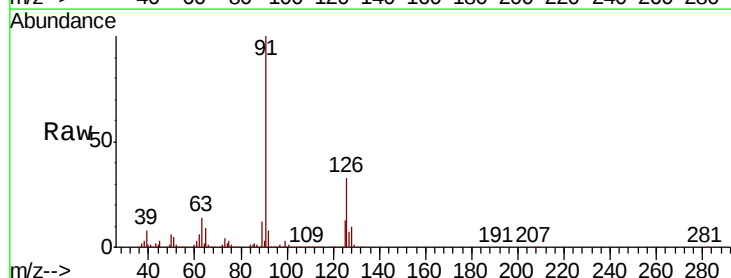
Delta R.T. 0.00 min

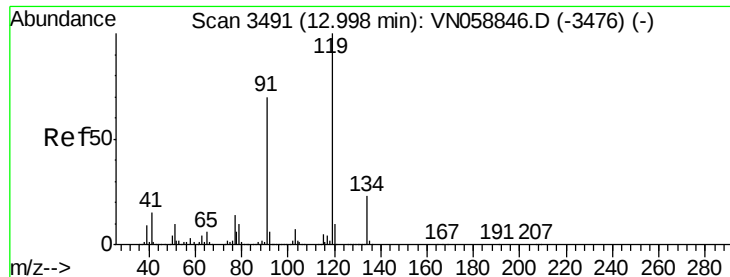
Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Tgt Ion: 91 Resp: 1820879

Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.0	47.9





#83

tert-Butylbenzene

Concen: 101.822 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

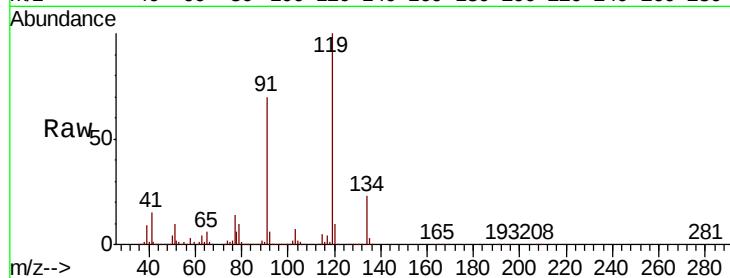
Tot Ion:119 Resp: 1805336

Ion Ratio Lower Upper

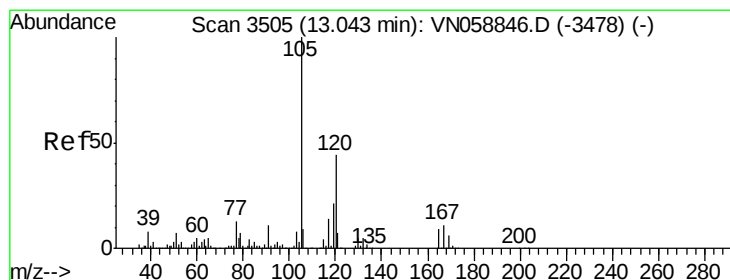
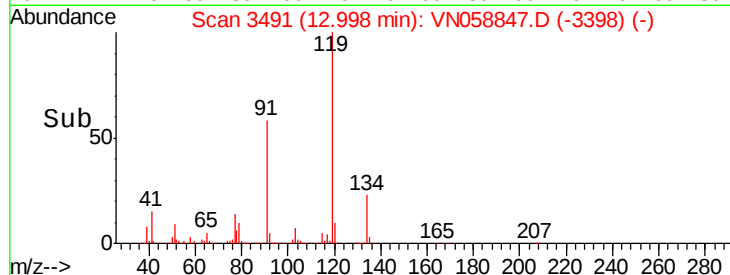
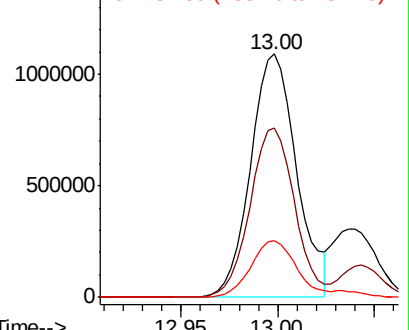
119 100

91 67.3 34.1 102.3

134 23.0 11.6 34.8



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: 103.684 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN058847.D

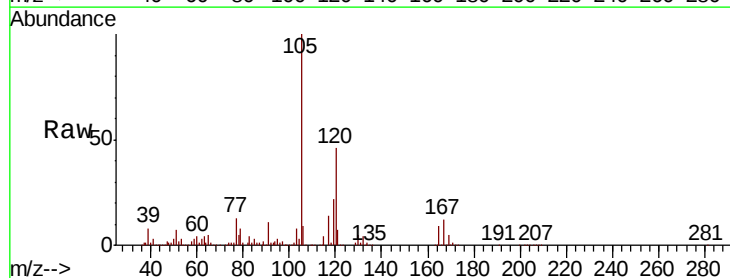
Acq: 18 Oct 2019 10:21

Tgt Ion:105 Resp: 2133744

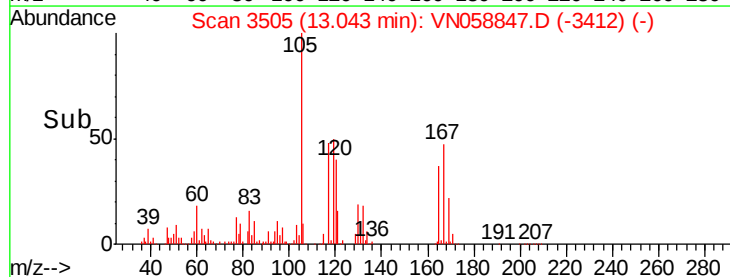
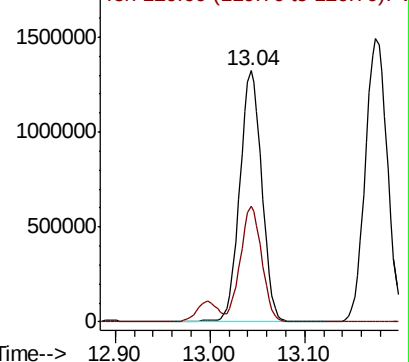
Ion Ratio Lower Upper

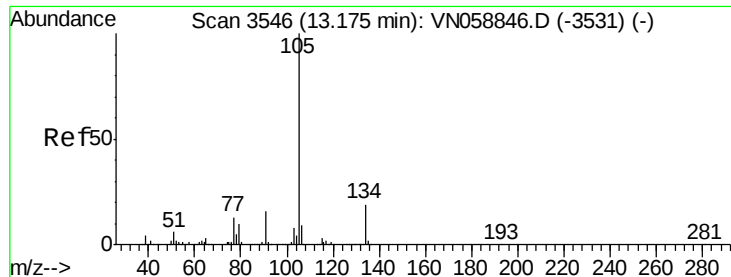
105 100

120 45.0 21.9 65.8



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

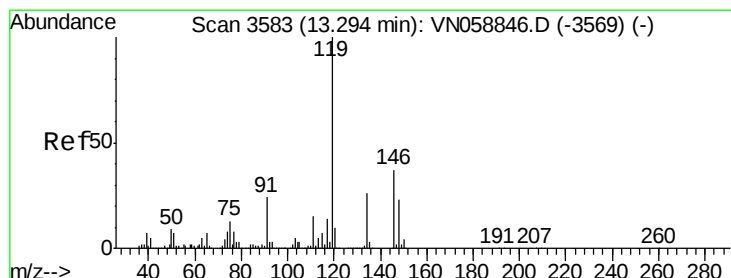
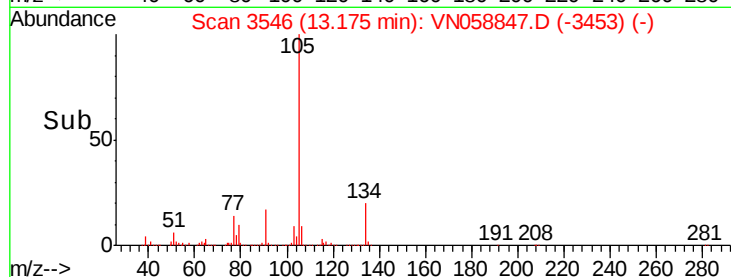
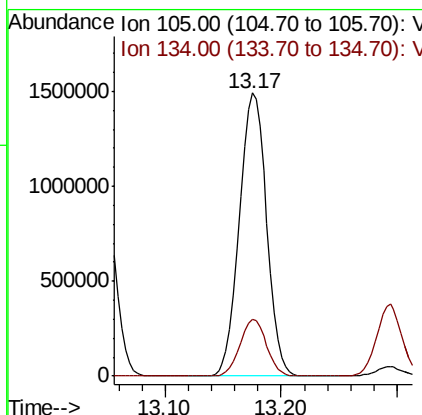
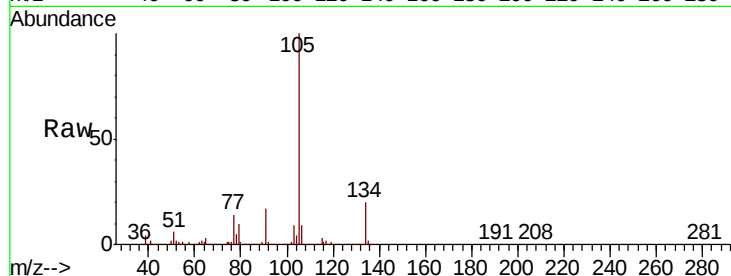




#85
 sec-Butylbenzene
 Concen: 103.370 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

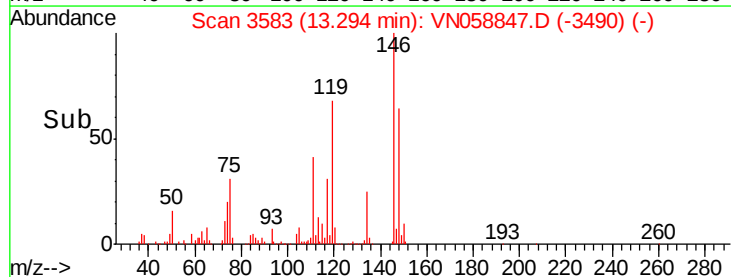
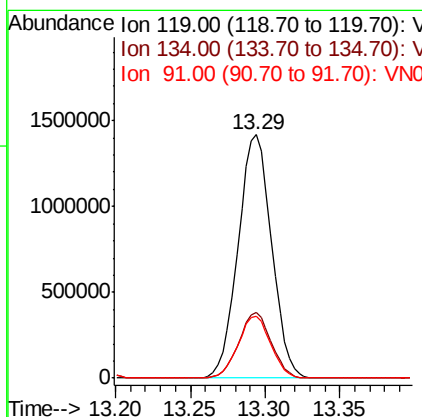
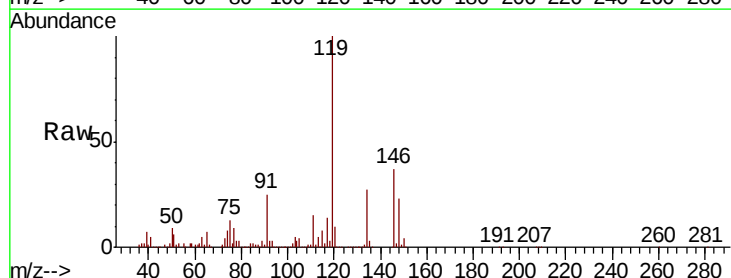
Instrument :
 MSVOA_N
 ClientSampled :

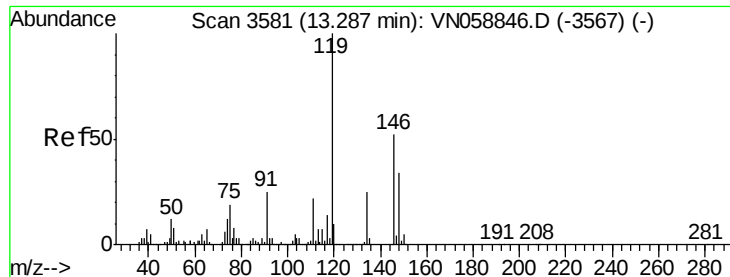
Tot Ion:105 Resp: 2417562
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 103.888 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

Tgt Ion:119 Resp: 2202651
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.4
 91 24.9 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 99.899 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

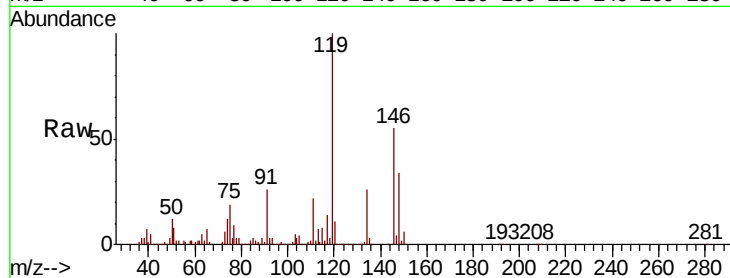
Tot Ion:146 Resp: 1084879

Ion Ratio Lower Upper

146 100

111 41.4 21.0 63.0

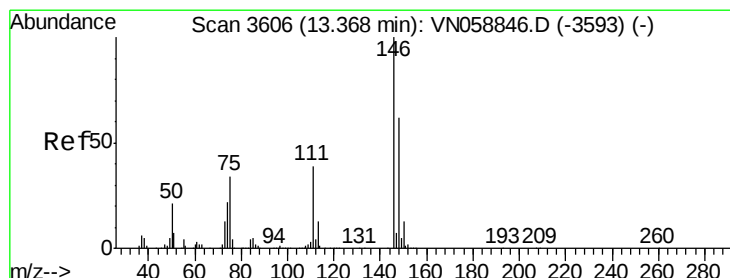
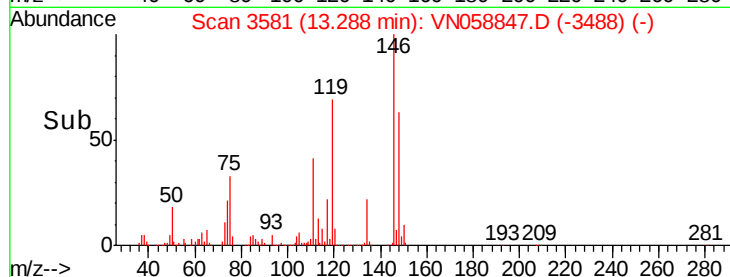
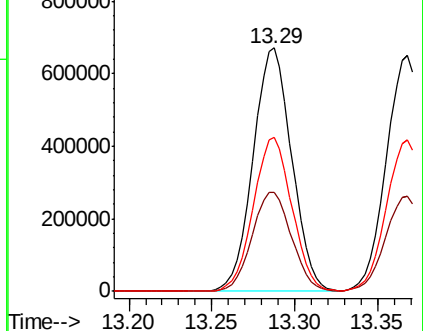
148 63.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 96.567 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

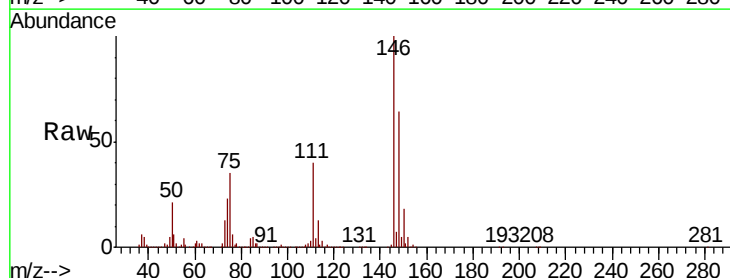
Tgt Ion:146 Resp: 1067674

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.6

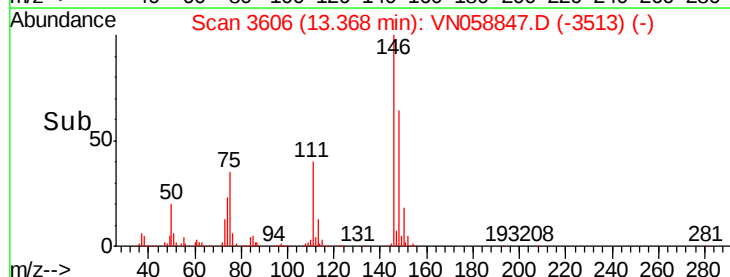
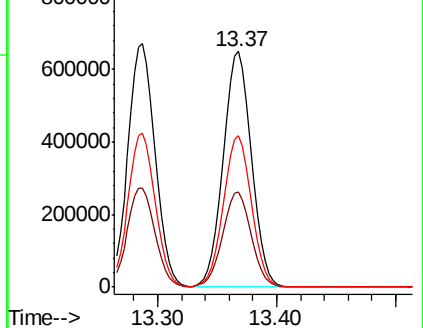
148 63.7 31.6 94.7

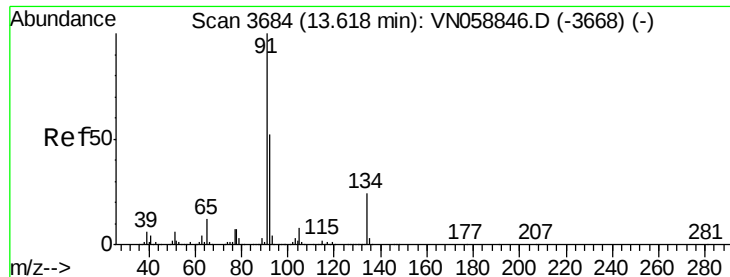


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

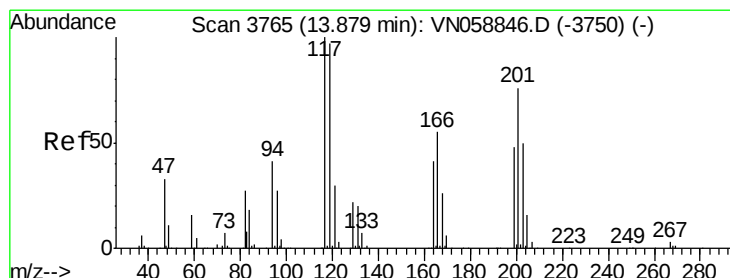
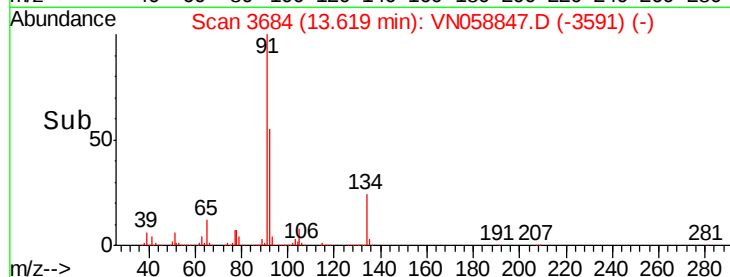
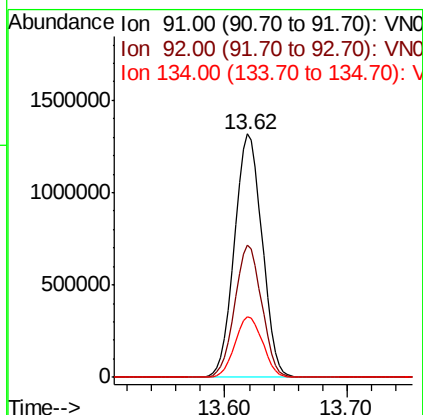
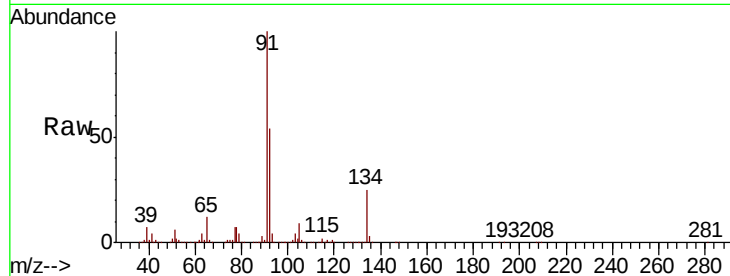




#89
n-Butylbenzene
Concen: 105.694 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

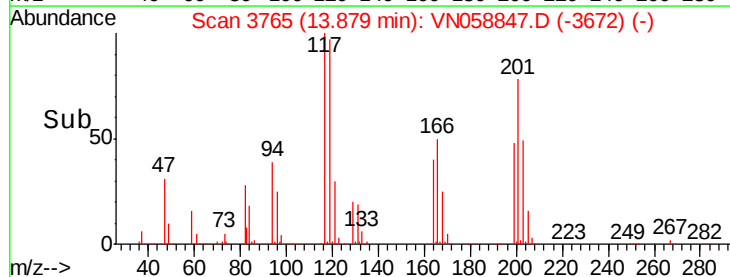
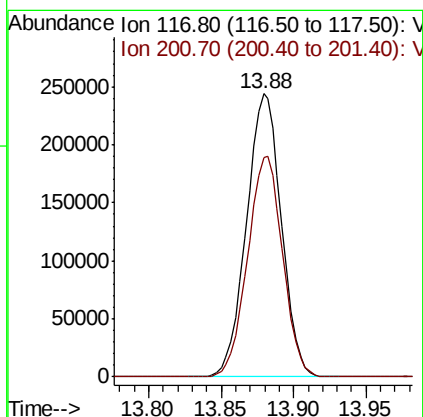
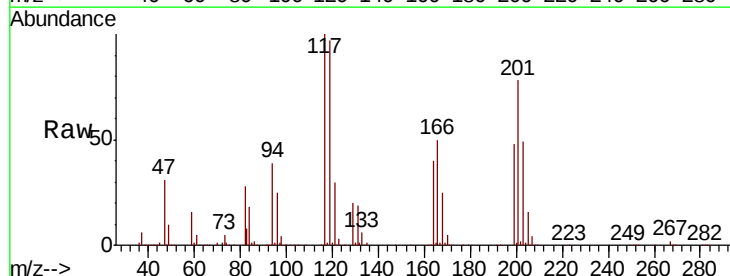
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 2072621
Ion Ratio Lower Upper
91 100
92 53.1 25.7 77.1
134 24.8 11.9 35.5



#90
Hexachloroethane
Concen: 106.540 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN058847.D
Acq: 18 Oct 2019 10:21

Tgt Ion: 117 Resp: 408255
Ion Ratio Lower Upper
117 100
201 78.3 38.9 116.6





#91

1,2-Dichlorobenzene

Concen: 98.572 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

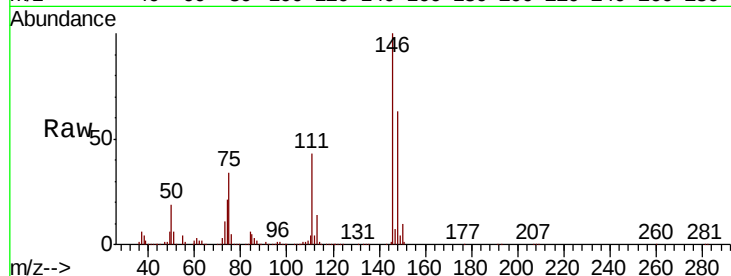
Tot Ion:146 Resp: 1045480

Ion Ratio Lower Upper

146 100

111 43.4 21.6 64.8

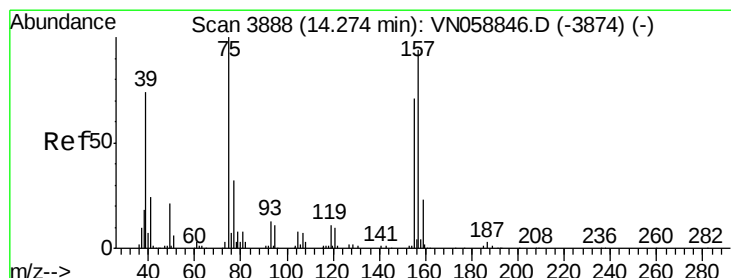
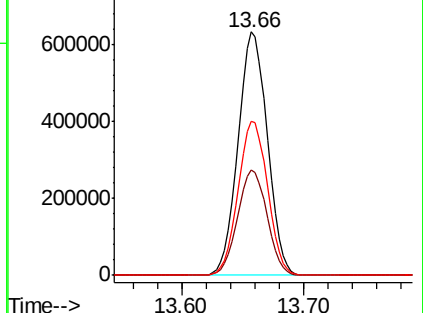
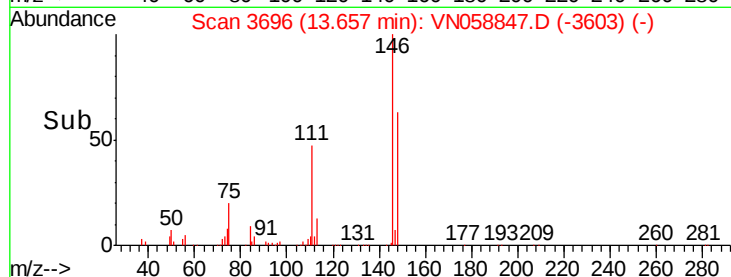
148 63.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 93.376 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

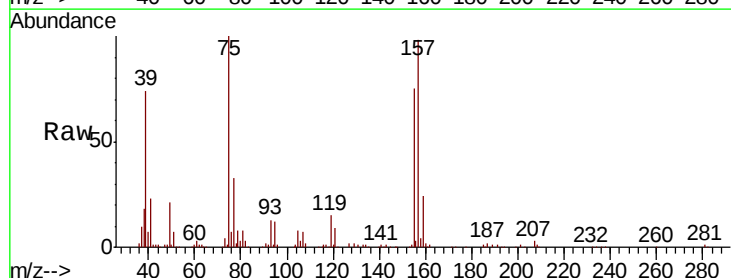
Tgt Ion: 75 Resp: 176105

Ion Ratio Lower Upper

75 100

155 75.1 35.6 106.8

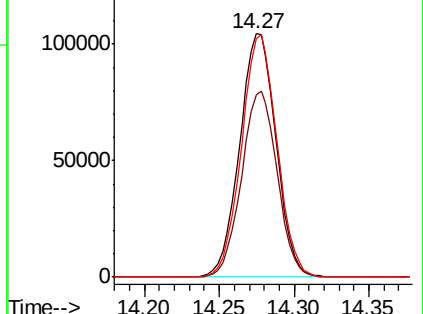
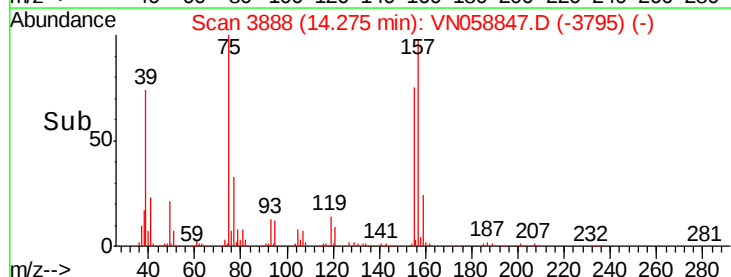
157 97.6 47.4 142.2

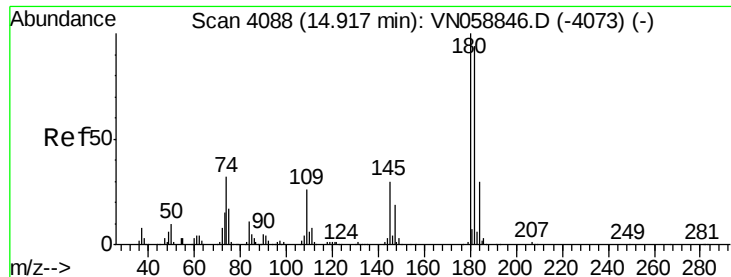


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

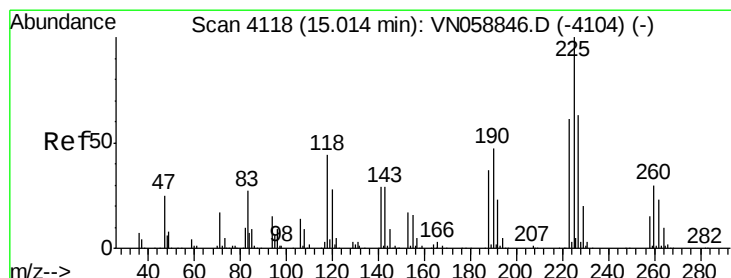
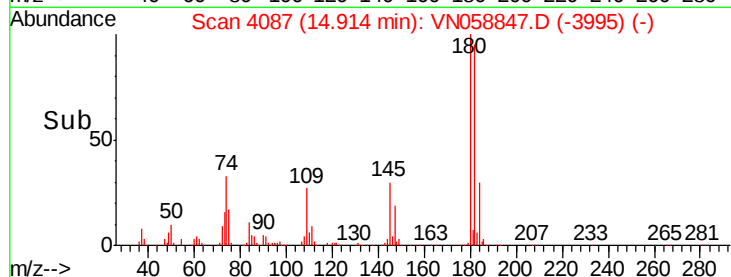
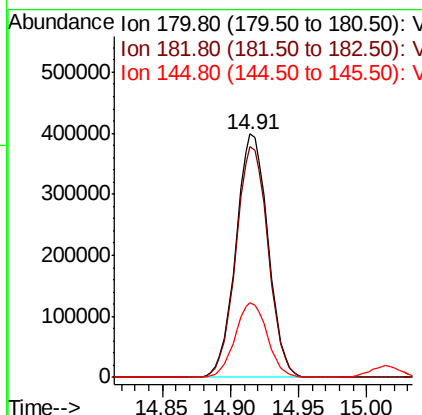
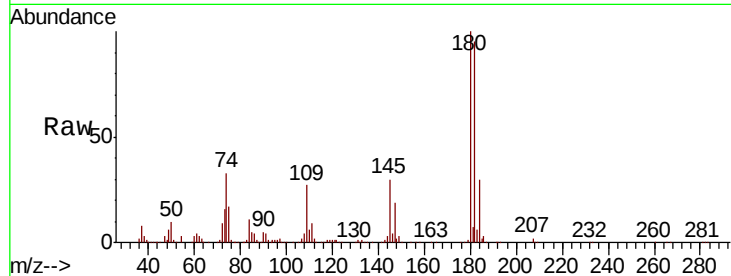




#93
 1,2,4-Trichlorobenzene
 Concen: 101.500 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

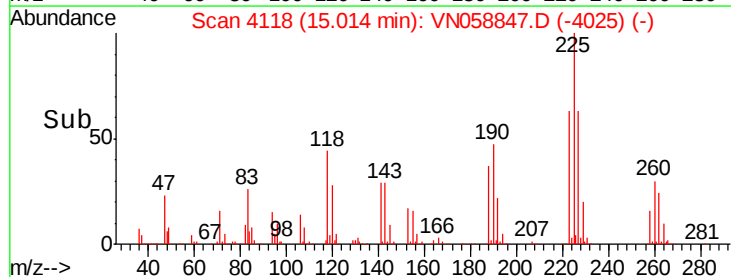
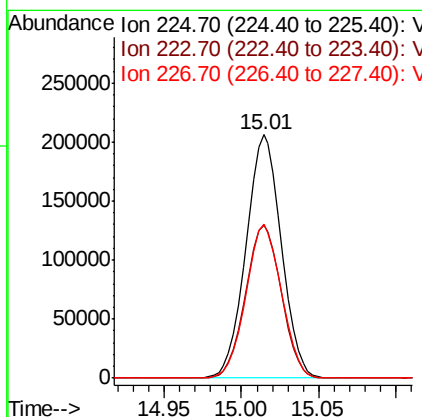
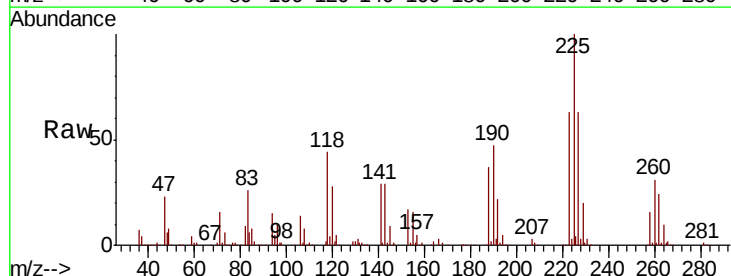
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 650696
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 142.0
 145 30.7 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 96.067 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN058847.D
 Acq: 18 Oct 2019 10:21

Tgt Ion:225 Resp: 327299
 Ion Ratio Lower Upper
 225 100
 223 63.7 30.9 92.5
 227 63.5 31.6 94.7





#95

Naphthalene

Concen: 104.421 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

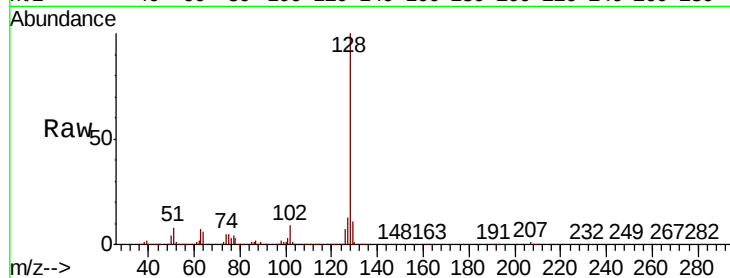
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 1919794

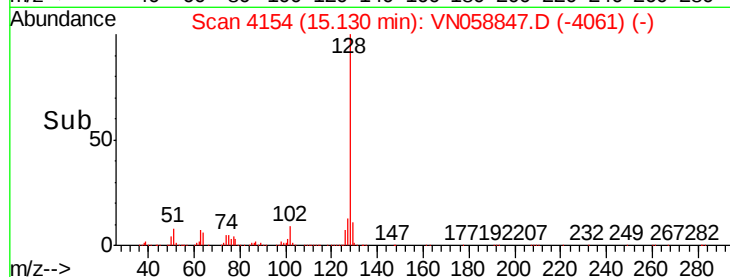
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.4	12.6



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



15.13

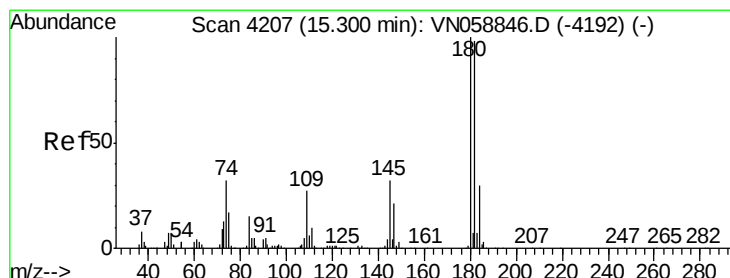
1000000

500000

0

Time-->

15.10 15.20



#96

1,2,3-Trichlorobenzene

Concen: 101.387 ug/l

RT: 15.30 min Scan# 4207

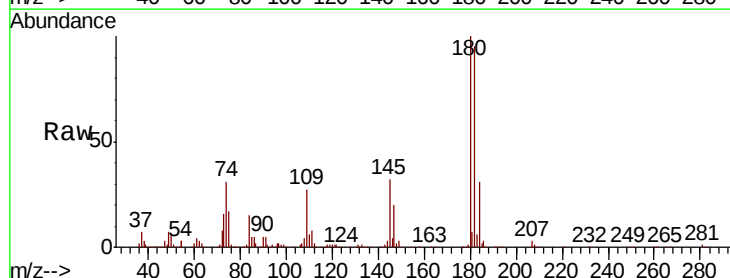
Delta R.T. 0.00 min

Lab File: VN058847.D

Acq: 18 Oct 2019 10:21

Tgt Ion:180 Resp: 635877

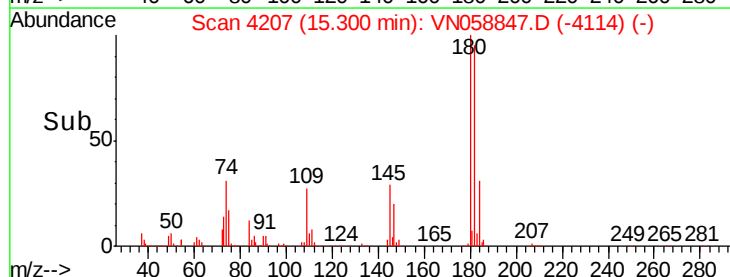
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.7
145	32.1	15.9	47.7



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



15.30

500000

400000

300000

200000

100000

0

Time-->

15.20 15.30 15.40