

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058880.D
 Acq On : 21 Oct 2019 12:11
 Operator : JC/SP
 Sample : K5451-04MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7326BMS

Quant Time: Oct 22 03:16:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	440084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	714934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	656973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319653	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	320604	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.57	113	232145	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.08	98	908117	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	332537	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	259790	47.347	ug/l	99
3) Chloromethane	2.04	50	314030	46.210	ug/l	100
4) Vinyl Chloride	2.17	62	321427	47.637	ug/l	99
5) Bromomethane	2.54	94	198882	47.069	ug/l	99
6) Chloroethane	2.68	64	203176	46.955	ug/l	99
7) Trichlorofluoromethane	3.00	101	394051	47.198	ug/l	100
8) Diethyl Ether	3.39	74	140123	48.568	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	217047	46.895	ug/l	100
10) Methyl Iodide	3.93	142	294565	48.390	ug/l	99
11) Tert butyl alcohol	4.76	59	249688	233.114	ug/l	100
12) 1,1-Dichloroethene	3.72	96	211701	48.797	ug/l	98
13) Acrolein	3.58	56	176861	240.314	ug/l	99
14) Allyl chloride	4.30	41	437461	49.831	ug/l	99
15) Acrylonitrile	4.96	53	675828	250.841	ug/l	100
16) Acetone	3.79	43	599734	188.037	ug/l	98
17) Carbon Disulfide	4.03	76	658544	47.122	ug/l	99
18) Methyl Acetate	4.30	43	340496	46.957	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	776049	51.085	ug/l	99
20) Methylene Chloride	4.53	84	254203	46.677	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	233199	48.673	ug/l	96
22) Diisopropyl ether	5.93	45	883646	51.461	ug/l	97
23) Vinyl Acetate	5.87	43	3798662	275.348	ug/l	100
24) 1,1-Dichloroethane	5.82	63	486065	48.818	ug/l	99
25) 2-Butanone	6.81	43	943954	227.996	ug/l	99
26) 2,2-Dichloropropane	6.80	77	424259	49.262	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	283549	51.807	ug/l	99
28) Bromochloromethane	7.18	49	161456	48.691	ug/l	100
29) Tetrahydrofuran	7.19	42	637182	251.580	ug/l	100
30) Chloroform	7.35	83	475068	47.566	ug/l	99
31) Cyclohexane	7.63	56	438187	47.240	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	412276	48.973	ug/l	100
36) 1,1-Dichloropropene	7.78	75	361571	49.399	ug/l	99
37) Ethyl Acetate	6.91	43	435859	54.650	ug/l	100
38) Carbon Tetrachloride	7.76	117	360817	47.851	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

39) Methylcyclohexane	9.07	83	412842	50.232	ug/l	99
40) Benzene	8.02	78	1063093	49.461	ug/l	98
41) Methacrylonitrile	7.19	41	576123	162.193	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	403456	48.730	ug/l	99
43) Isopropyl Acetate	8.15	43	644721	50.405	ug/l	100
44) Trichloroethene	8.82	130	289323	55.259	ug/l	99
45) 1,2-Dichloropropane	9.11	63	290593	49.305	ug/l	99
46) Dibromomethane	9.20	93	180757	48.513	ug/l	99
47) Bromodichloromethane	9.39	83	378897	49.340	ug/l	98
48) Methyl methacrylate	9.19	41	301146	51.893	ug/l	100
49) 1,4-Dioxane	9.19	88	85753	900.163	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1986064	265.836	ug/l	100
52) Toluene	10.15	92	652795	51.216	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	433253	50.964	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	449259	49.464	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	257944	49.125	ug/l	99
56) Ethyl methacrylate	10.43	69	409767	46.607	ug/l	100
57) 1,3-Dichloropropane	10.70	76	452706	49.124	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1221	5.984	ug/l #	55
59) 2-Hexanone	10.75	43	1485753	257.358	ug/l	99
60) Dibromochloromethane	10.90	129	280902	49.703	ug/l	99
61) 1,2-Dibromoethane	11.00	107	264665	49.254	ug/l	100
64) Tetrachloroethene	10.63	164	224760	48.850	ug/l	98
65) Chlorobenzene	11.43	112	677360	50.643	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	256519	50.824	ug/l	98
67) Ethyl Benzene	11.51	91	1261912	53.783	ug/l	99
68) m/p-Xylenes	11.62	106	924428	106.242	ug/l	99
69) o-Xylene	11.95	106	441435	53.194	ug/l	99
70) Styrene	11.96	104	739477	48.334	ug/l	99
71) Bromoform	12.13	173	199805	51.051	ug/l #	98
73) Isopropylbenzene	12.25	105	1214481	51.988	ug/l	100
74) N-amyl acetate	12.07	43	570406	53.859	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	400770	48.791	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	544388	73.483	ug/l #	100
77) Bromobenzene	12.53	156	282493	49.061	ug/l	99
78) n-propylbenzene	12.59	91	1433912	51.928	ug/l	100
79) 2-Chlorotoluene	12.68	91	843193	49.892	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1036649	52.817	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	141581	49.786	ug/l	98
82) 4-Chlorotoluene	12.78	91	873233	50.561	ug/l	99
83) tert-Butylbenzene	13.00	119	879378	52.394	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1032925	53.356	ug/l	99
85) sec-Butylbenzene	13.17	105	1177965	52.642	ug/l	100
86) p-Isopropyltoluene	13.29	119	1067776	54.080	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	510265	49.561	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	501706	48.672	ug/l	100
89) n-Butylbenzene	13.62	91	935794	51.594	ug/l	100
90) Hexachloroethane	13.88	117	198691	49.661	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	506921	50.094	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	84310	45.380	ug/l	97

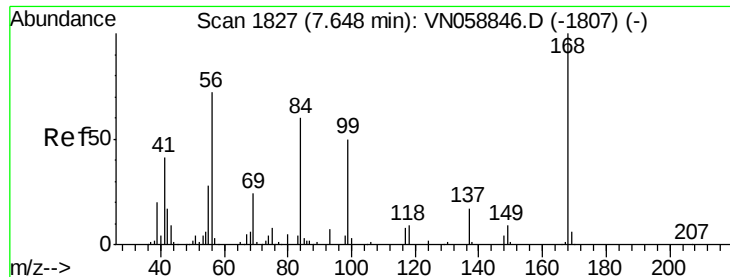
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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	279535	44.189	ug/l	100
94) Hexachlorobutadiene	15.01	225	151905	46.314	ug/l	100
95) Naphthalene	15.13	128	783936	43.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	267005	43.386	ug/l	98

(#) = 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: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

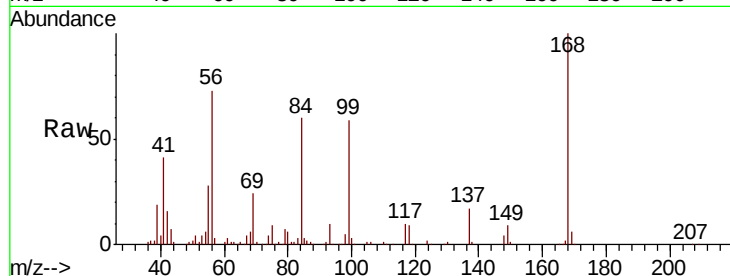
FA19-JBW7326BMS

Tot Ion:168 Resp: 440084

Ion Ratio Lower Upper

168 100

99 58.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

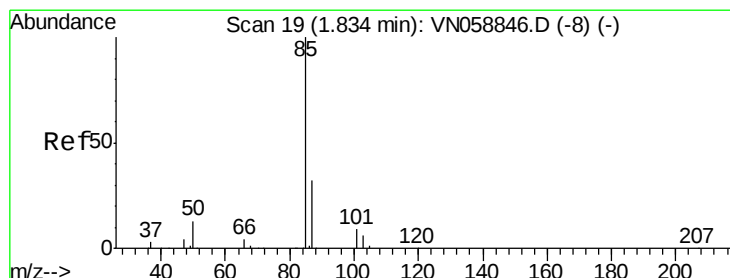
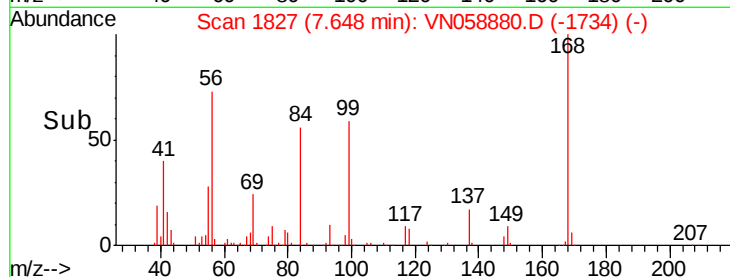
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.347 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058880.D

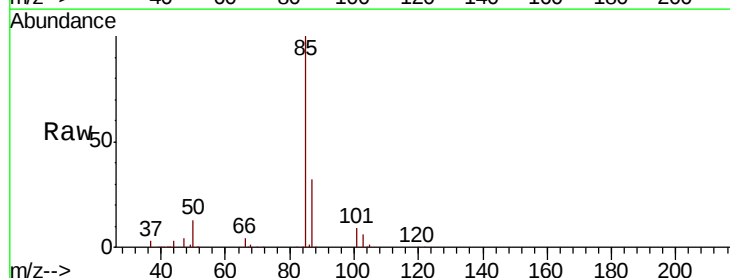
Acq: 21 Oct 2019 12:11

Tgt Ion: 85 Resp: 259790

Ion Ratio Lower Upper

85 100

87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

200000

150000

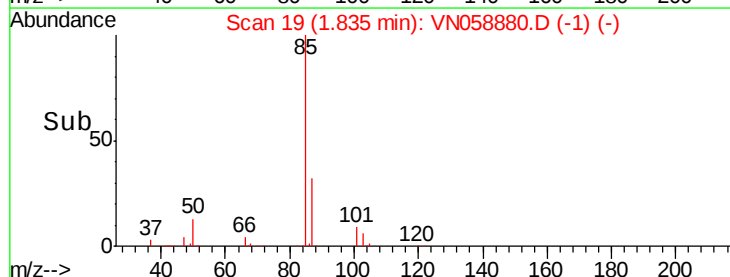
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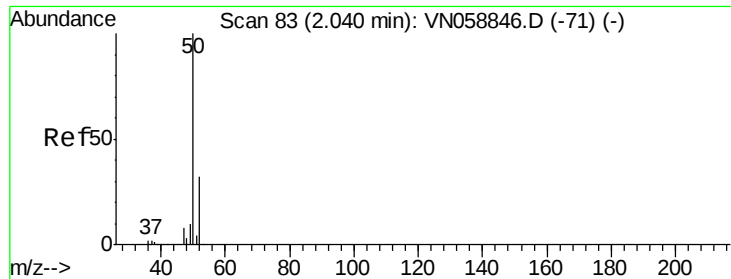
50000

0

1.80 1.90

Time-->

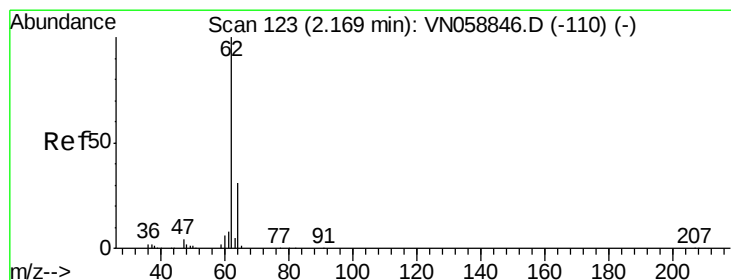
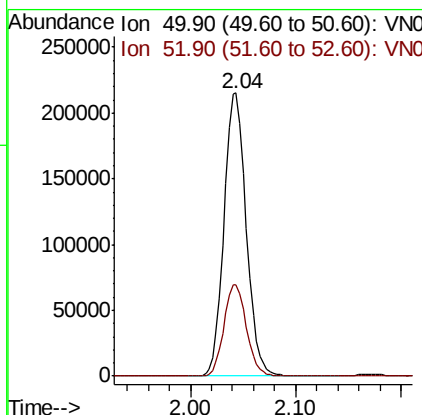
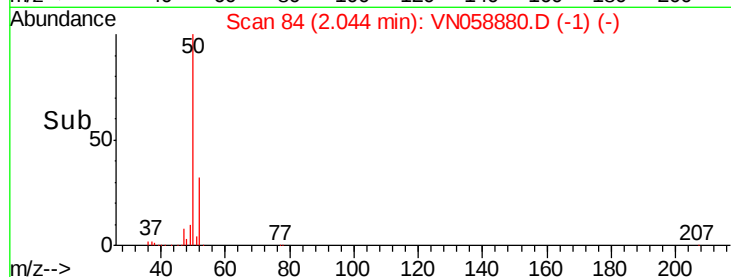
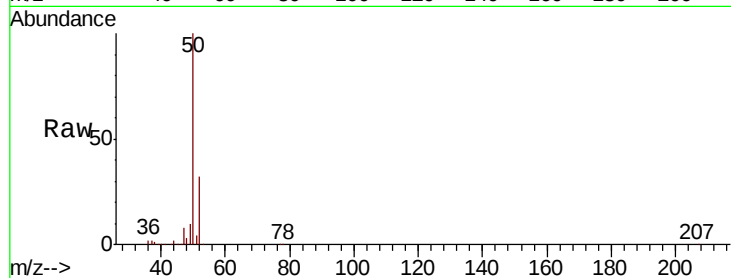




#3
Chloromethane
Concen: 46.210 ug/l
RT: 2.04 min Scan# 84
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

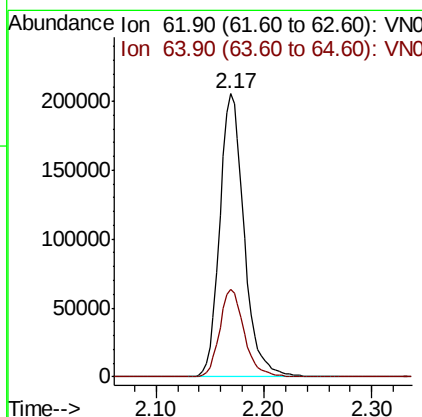
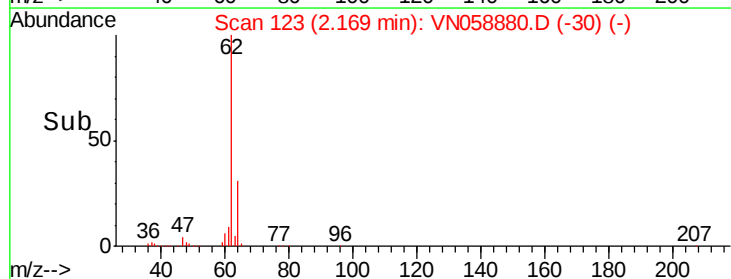
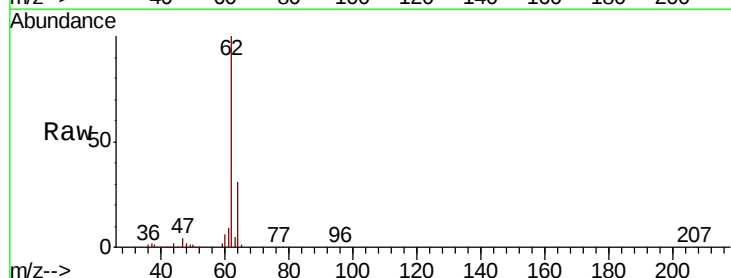
Instrument :
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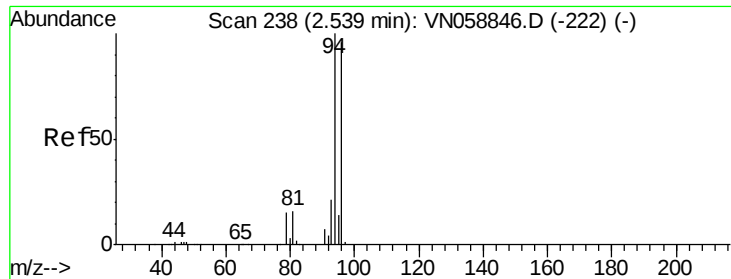
Tot Ion: 50 Resp: 314030
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5



#4
Vinyl Chloride
Concen: 47.637 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion: 62 Resp: 321427
Ion Ratio Lower Upper
62 100
64 31.0 24.6 36.8





#5

Bromomethane

Concen: 47.069 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

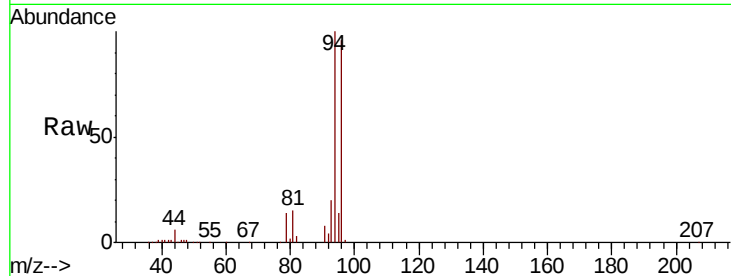
FA19-JBW7326BMS

Tot Ion: 94 Resp: 198882

Ion Ratio Lower Upper

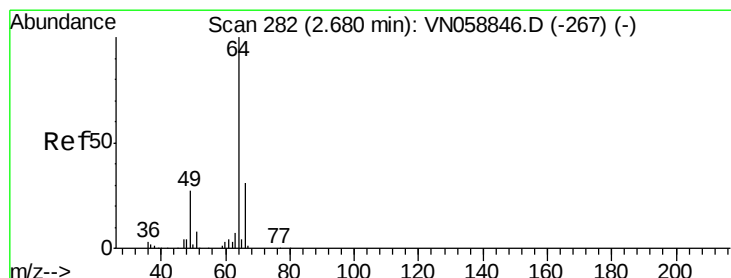
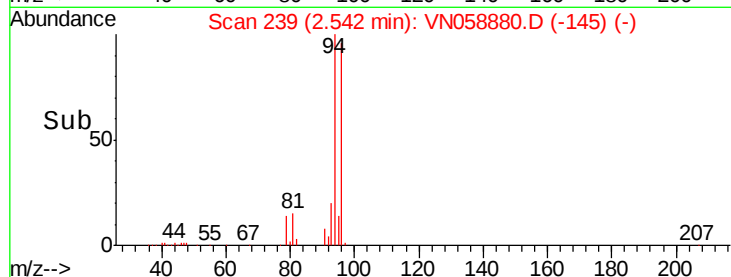
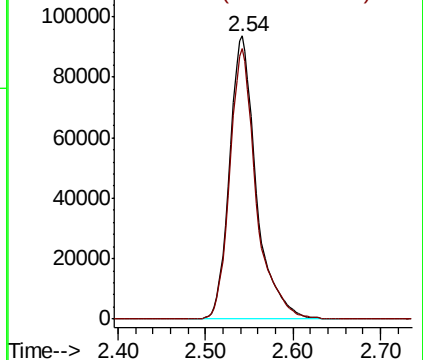
94 100

96 95.7 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: 46.955 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN058880.D

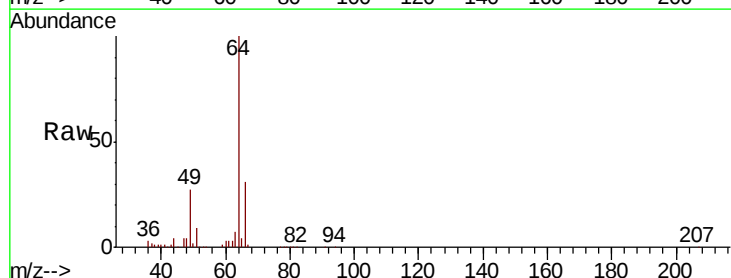
Acq: 21 Oct 2019 12:11

Tgt Ion: 64 Resp: 203176

Ion Ratio Lower Upper

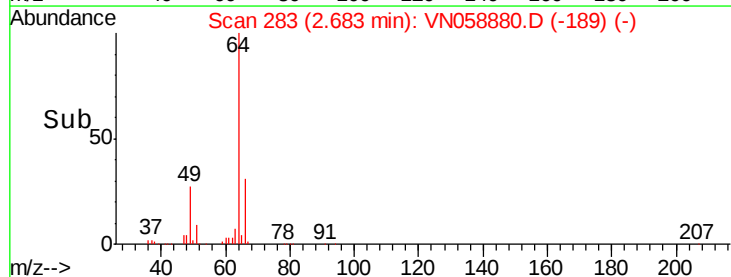
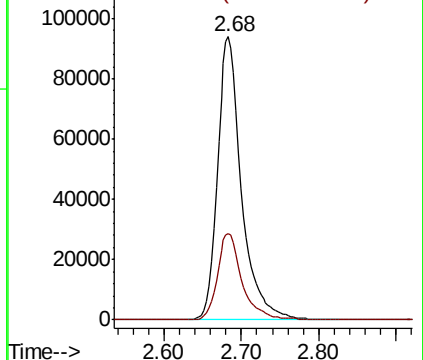
64 100

66 30.7 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



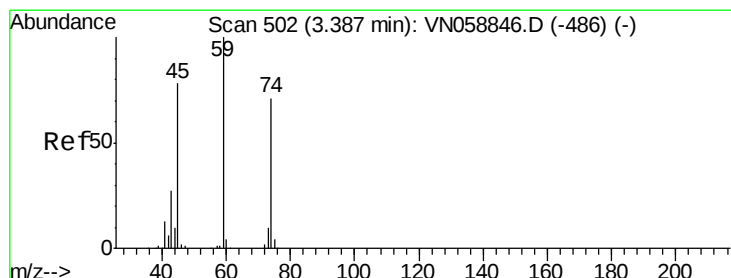
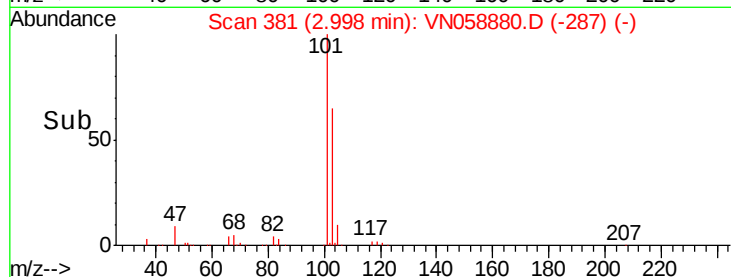
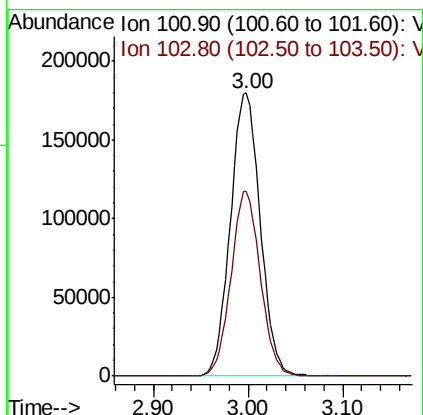
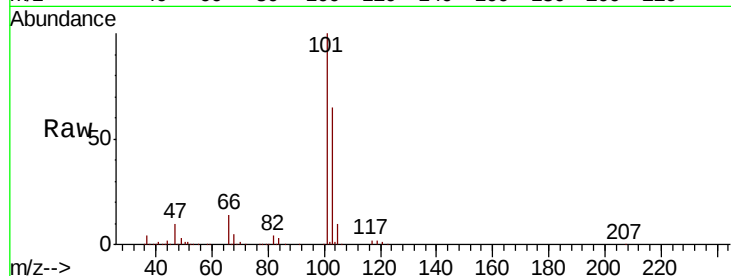


#7

Trichlorofluoromethane
Concen: 47.198 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Instrument :
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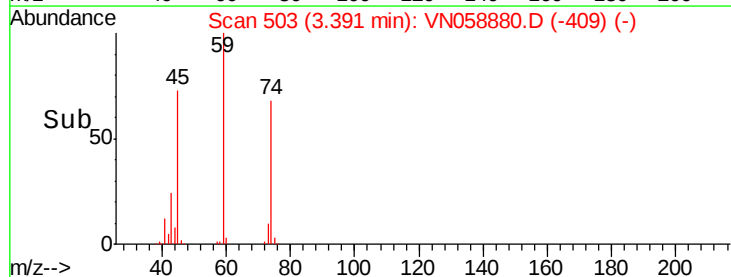
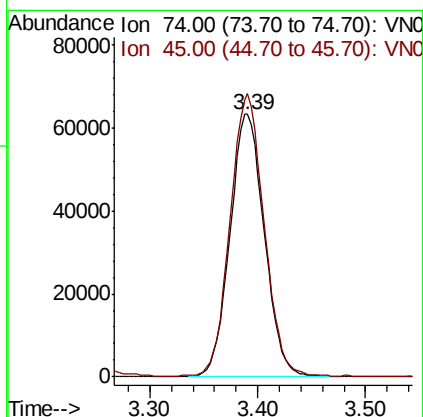
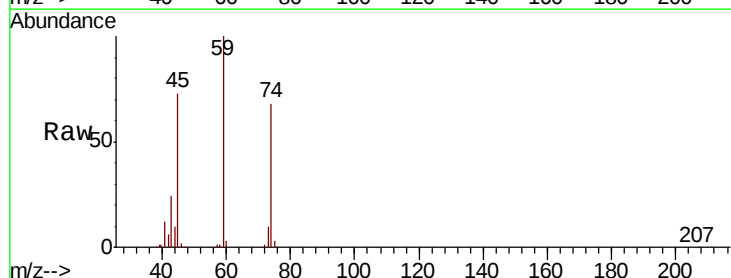
Tot Ion:101 Resp: 394051
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.2

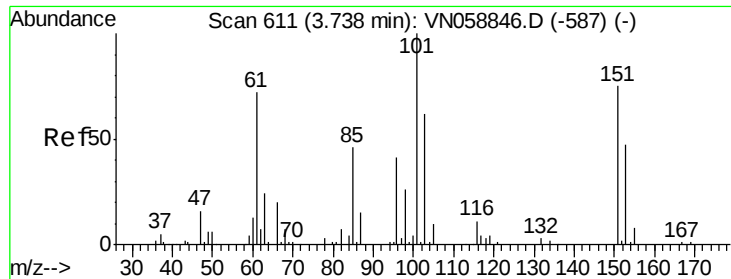


#8

Diethyl Ether
Concen: 48.568 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion: 74 Resp: 140123
Ion Ratio Lower Upper
74 100
45 107.4 54.9 164.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.895 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

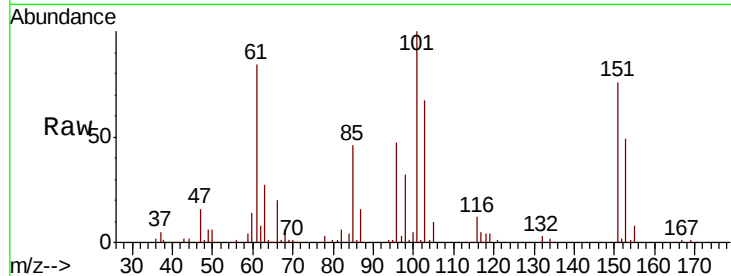
Tot Ion:101 Resp: 217047

Ion Ratio Lower Upper

101 100

85 46.2 37.2 55.8

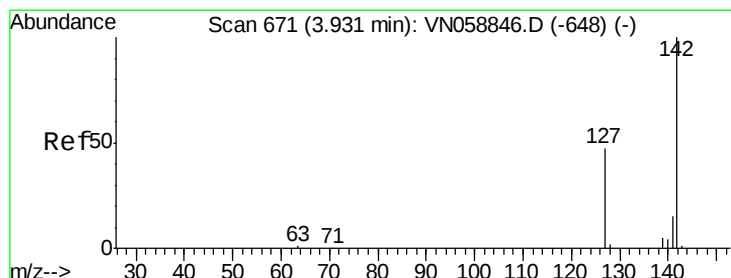
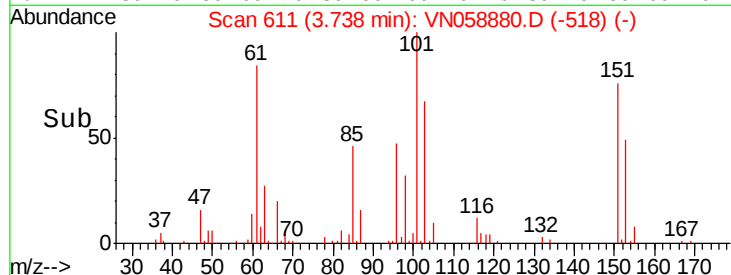
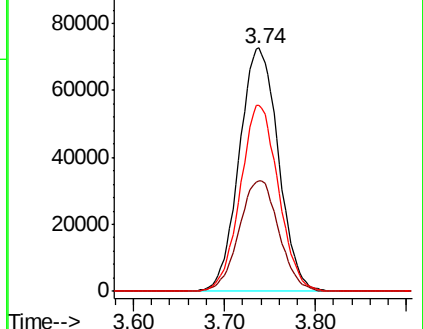
151 74.6 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.390 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

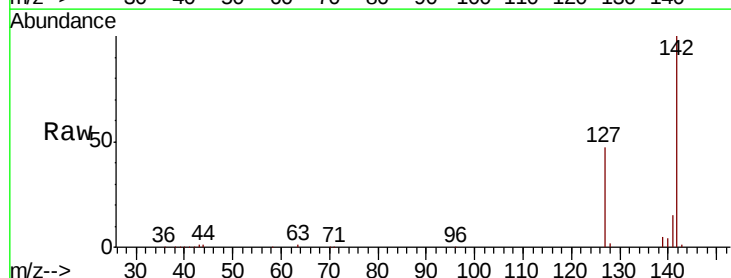
Tgt Ion:142 Resp: 294565

Ion Ratio Lower Upper

142 100

127 46.5 36.6 54.8

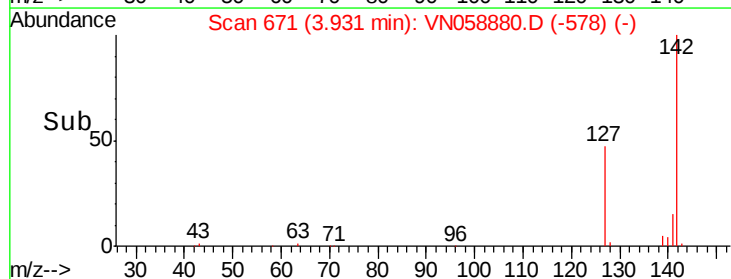
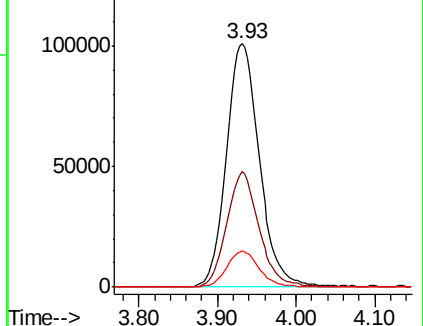
141 14.6 11.4 17.2



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



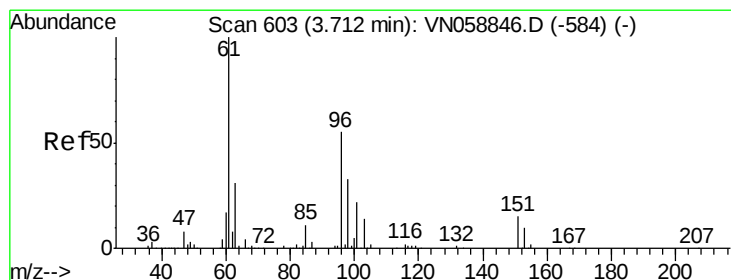
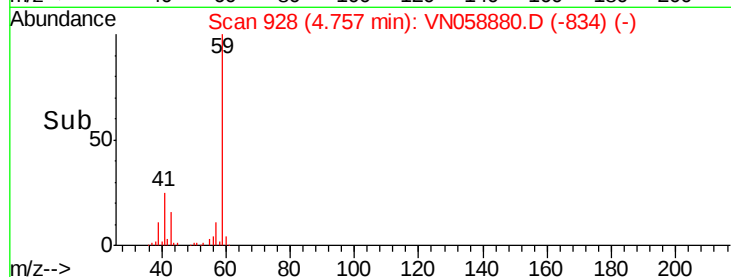
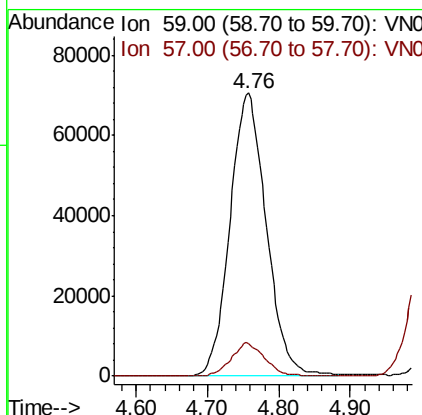
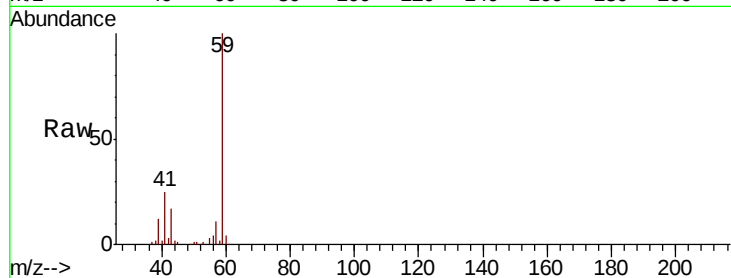


#11

Tert butyl alcohol
 Concen: 233.114 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7326BMS

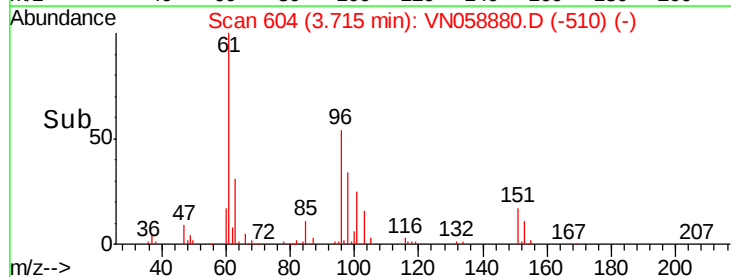
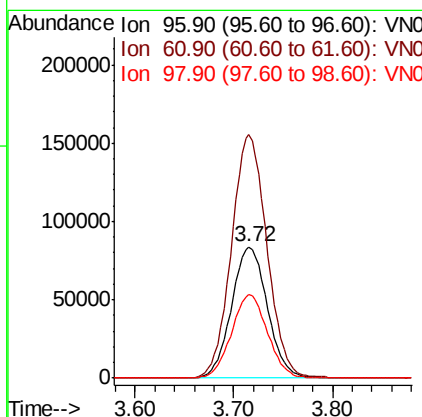
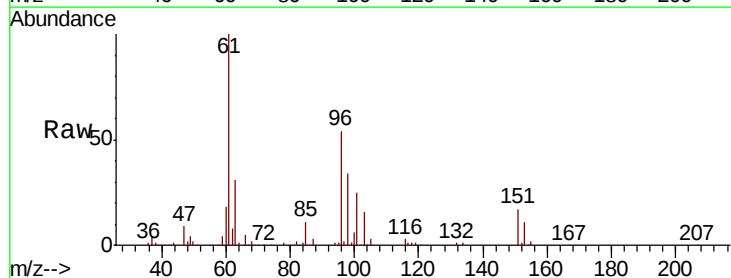
Tot Ion: 59 Resp: 249688
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.6 12.8

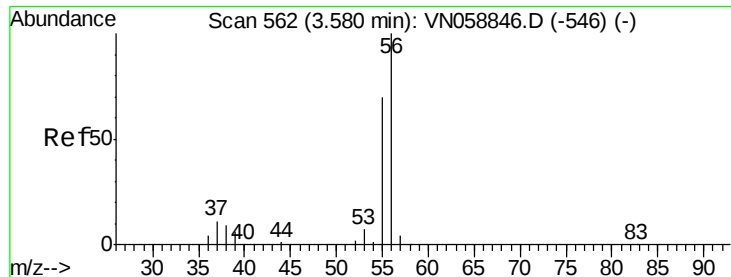


#12

1,1-Dichloroethene
 Concen: 48.797 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

Tgt Ion: 96 Resp: 211701
 Ion Ratio Lower Upper
 96 100
 61 185.6 146.2 219.2
 98 63.8 48.7 73.1





#13

Acrolein

Concen: 240.314 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

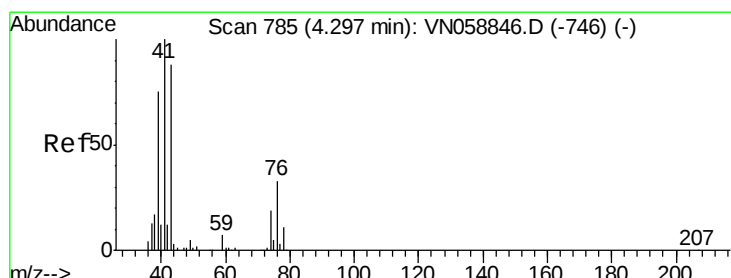
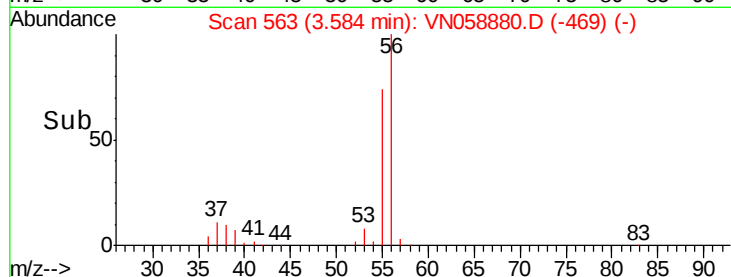
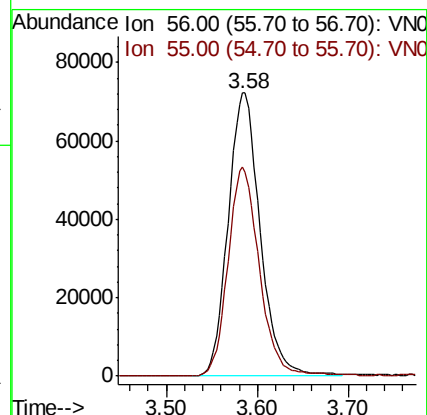
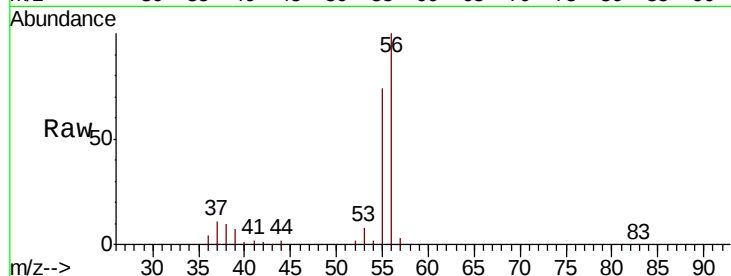
FA19-JBW7326BMS

Tot Ion: 56 Resp: 176861

Ion Ratio Lower Upper

56 100

55 71.6 56.6 85.0



#14

Allyl chloride

Concen: 49.831 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

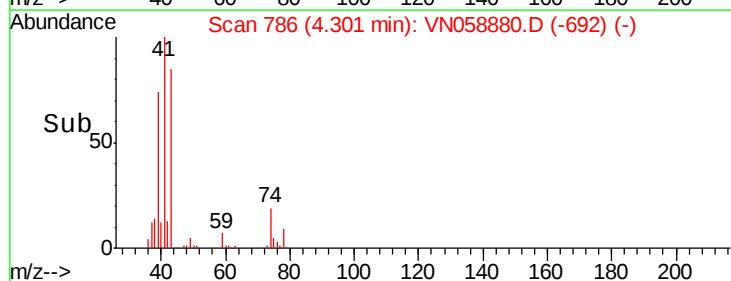
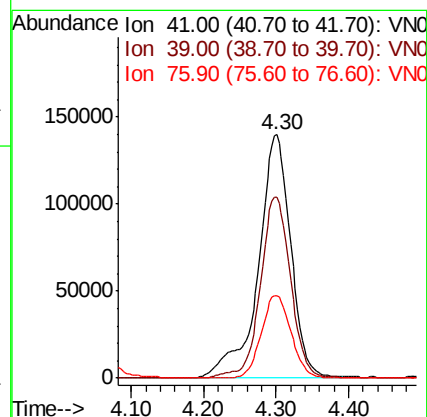
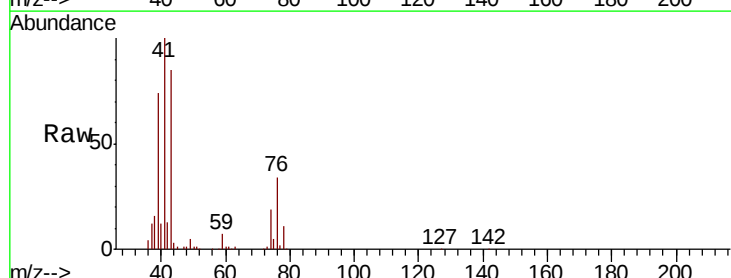
Tgt Ion: 41 Resp: 437461

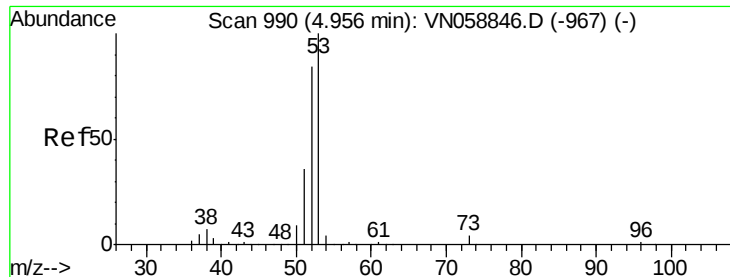
Ion Ratio Lower Upper

41 100

39 69.2 55.9 83.9

76 31.0 24.1 36.1





#15

Acrylonitrile

Concen: 250.841 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

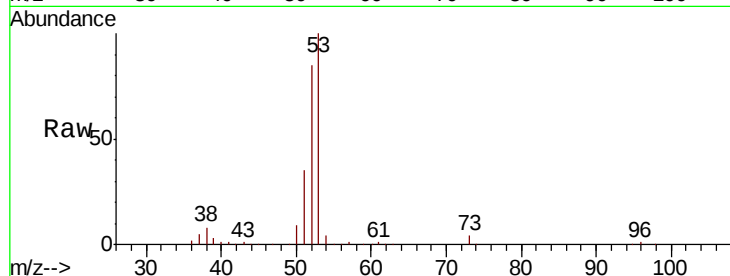
Tot Ion: 53 Resp: 675828

Ion Ratio Lower Upper

53 100

52 83.2 66.6 99.8

51 36.8 29.2 43.8

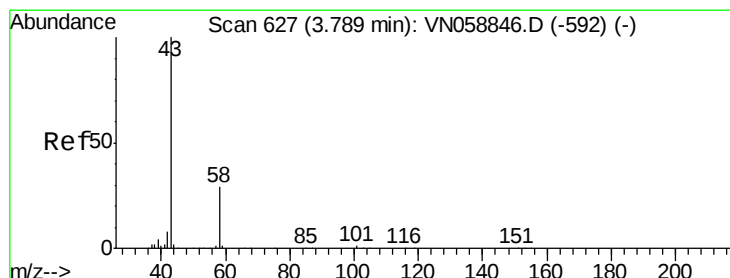
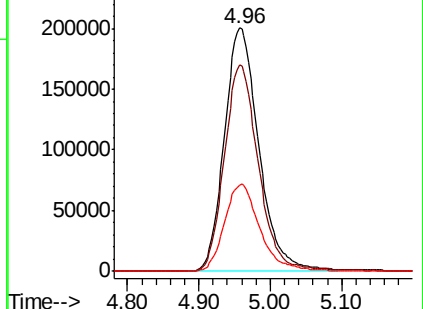
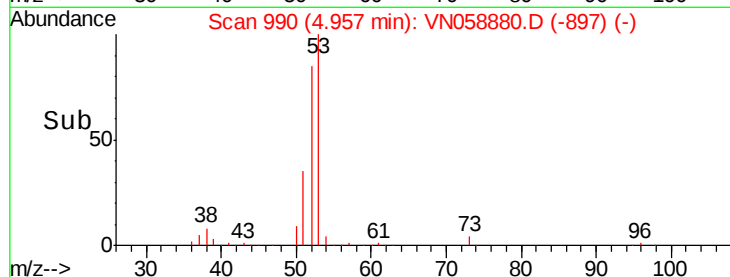


Abundance Ion 53.00 (52.70 to 53.70): VN058846.D (-967) (-)

Ion 52.00 (51.70 to 52.70): VN058846.D (-967) (-)

Ion 51.00 (50.70 to 51.70): VN058846.D (-967) (-)

4.96



#16

Acetone

Concen: 188.037 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN058880.D

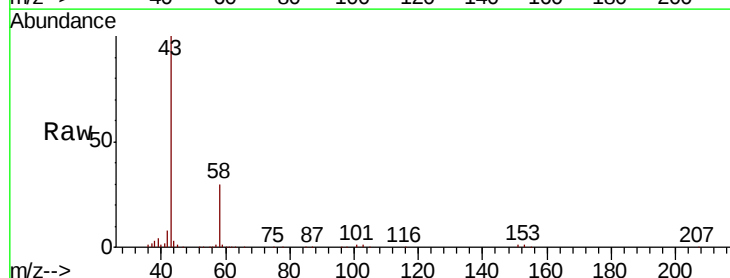
Acq: 21 Oct 2019 12:11

Tgt Ion: 43 Resp: 599734

Ion Ratio Lower Upper

43 100

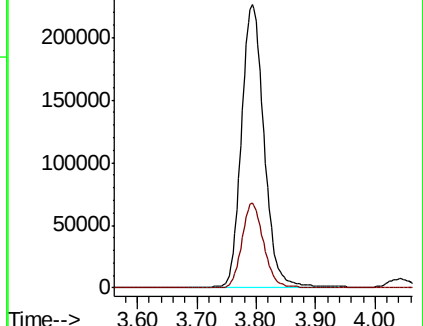
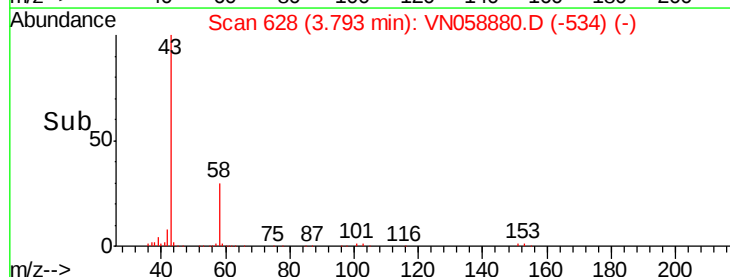
58 30.1 23.1 34.7

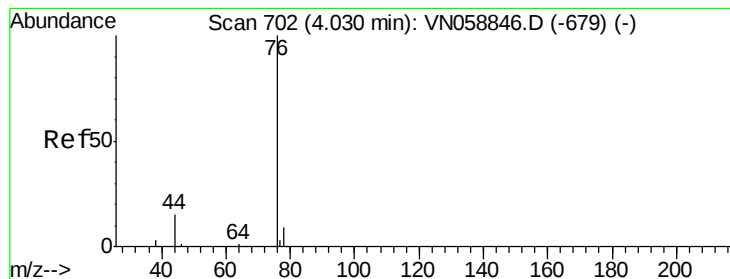


Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

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

3.79





#17

Carbon Disulfide

Concen: 47.122 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

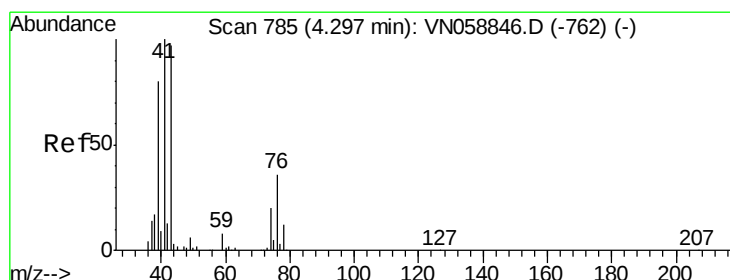
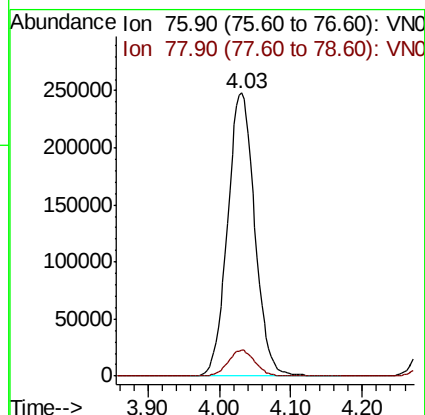
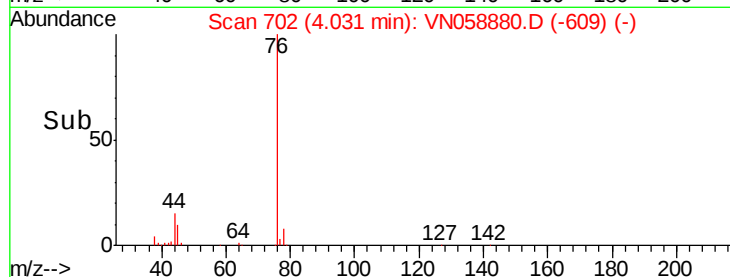
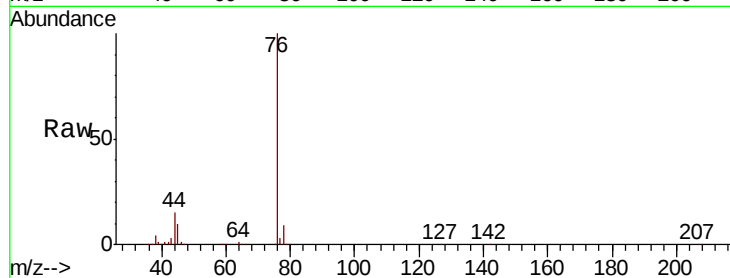
FA19-JBW7326BMS

Tot Ion: 76 Resp: 658544

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



#18

Methyl Acetate

Concen: 46.957 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058880.D

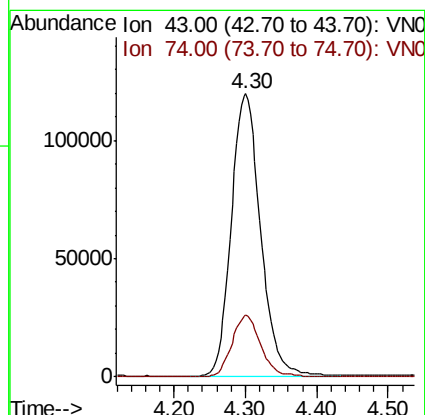
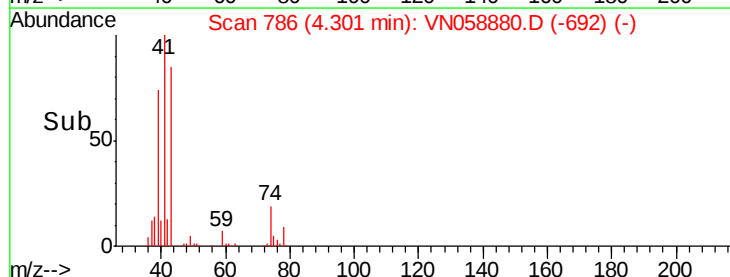
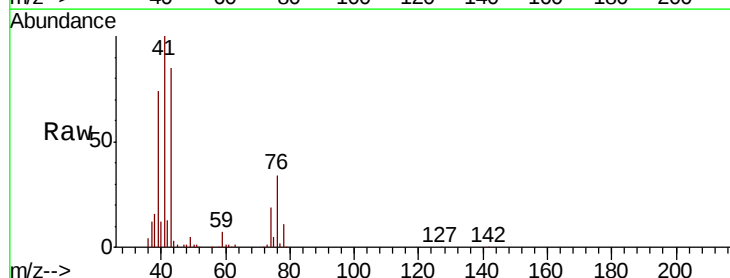
Acq: 21 Oct 2019 12:11

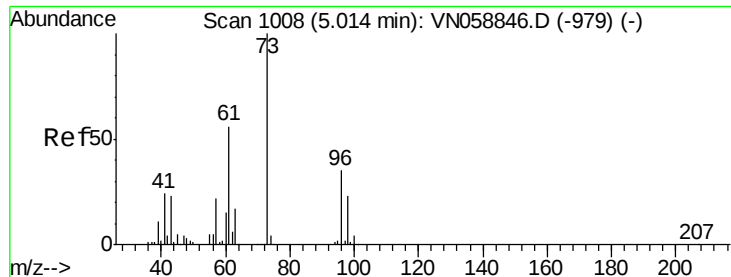
Tgt Ion: 43 Resp: 340496

Ion Ratio Lower Upper

43 100

74 21.6 17.1 25.7

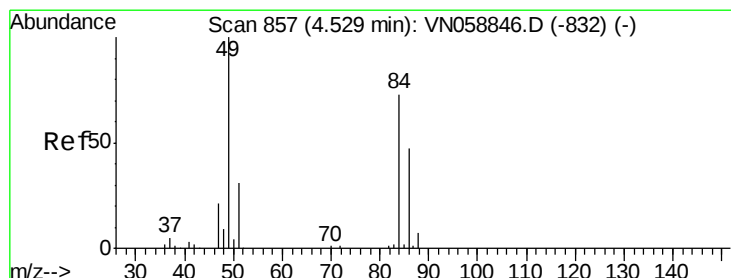
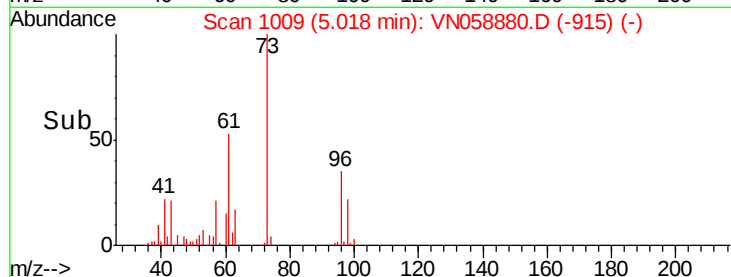
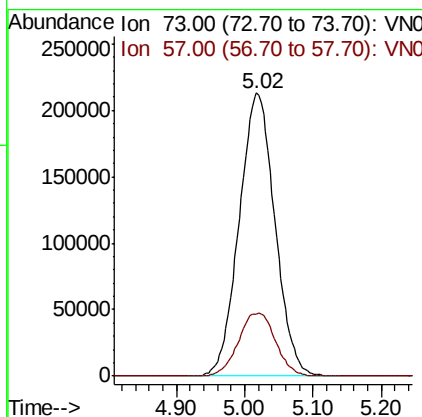
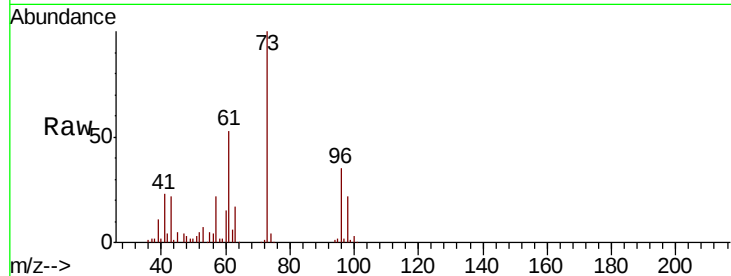




#19
Methvl tert-butvl Ether
Concen: 51.085 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

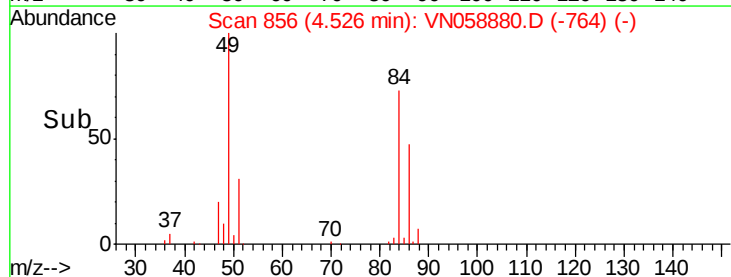
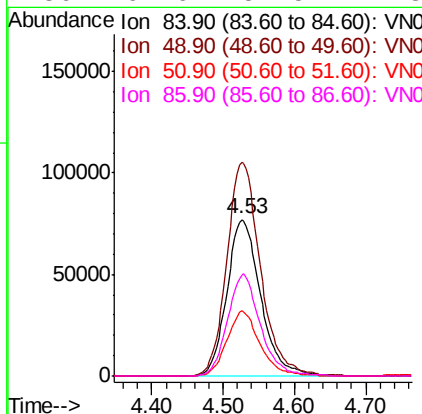
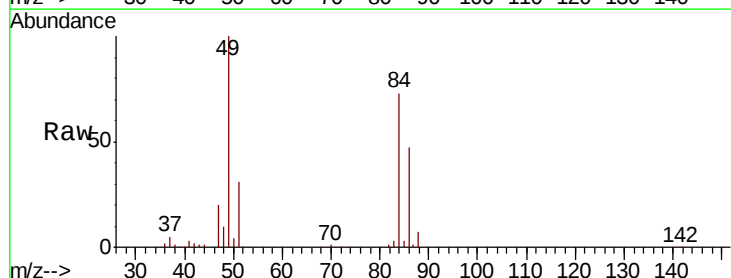
Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

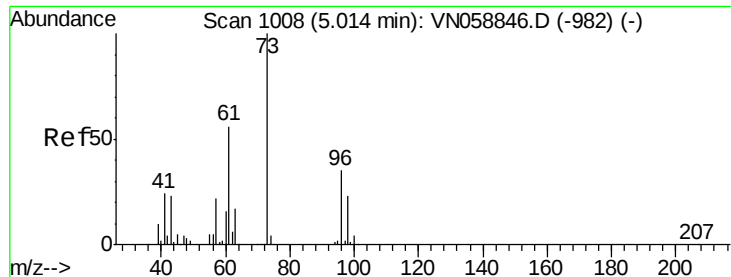
Tot Ion: 73 Resp: 776049
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9



#20
Methylene Chloride
Concen: 46.677 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion: 84 Resp: 254203
Ion Ratio Lower Upper
84 100
49 136.3 109.6 164.4
51 41.7 33.8 50.6
86 64.6 51.5 77.3

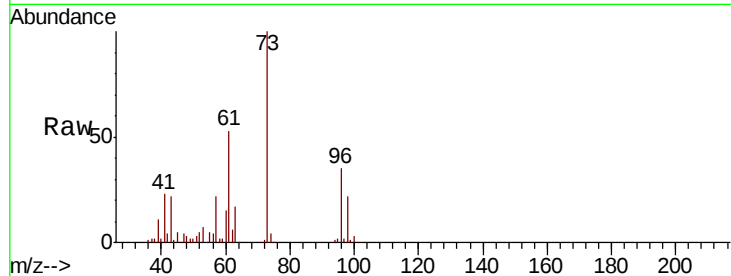




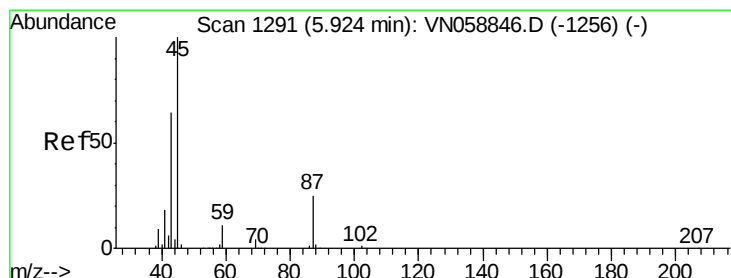
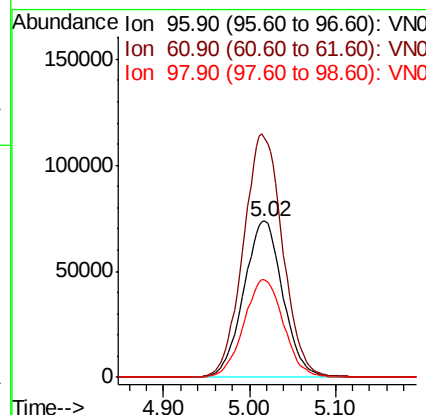
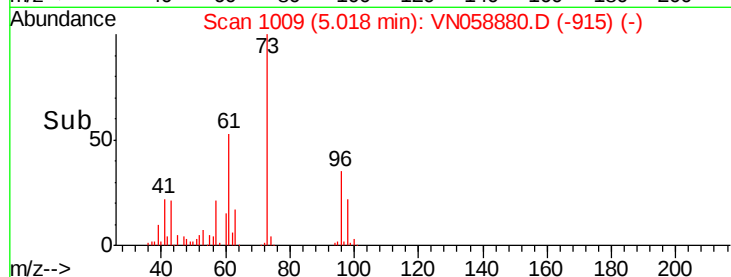
#21
trans-1,2-Dichloroethene
Concen: 48.673 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

Tot Ion: 96 Resp: 233199
Ion Ratio Lower Upper
96 100
61 153.0 126.7 190.1
98 62.2 52.0 78.0

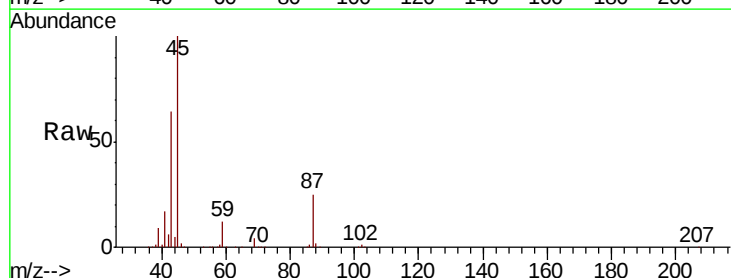


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

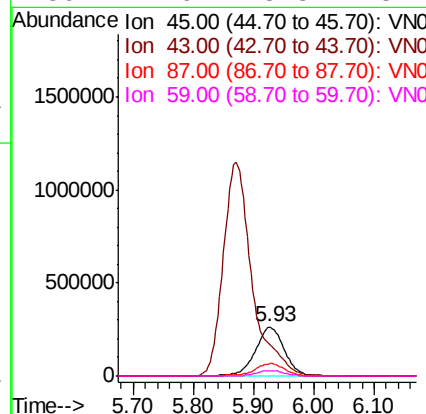
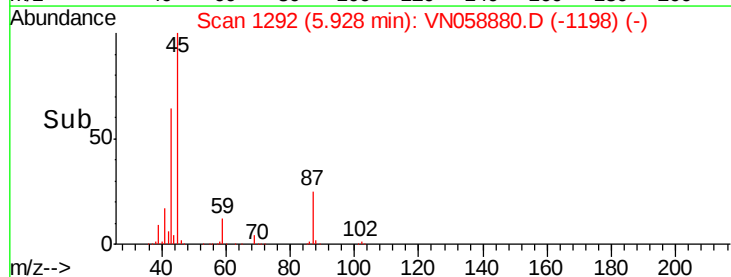


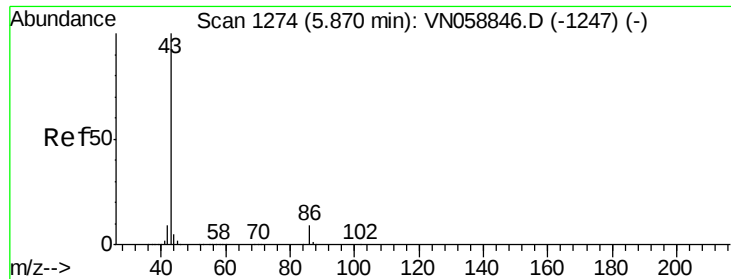
#22
Diisopropyl ether
Concen: 51.461 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion: 45 Resp: 883646
Ion Ratio Lower Upper
45 100
43 63.4 52.9 79.3
87 24.9 20.2 30.4
59 11.6 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

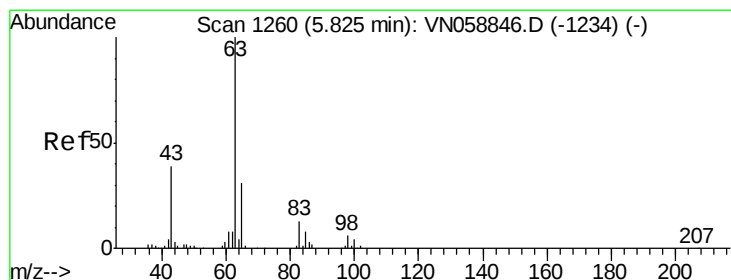
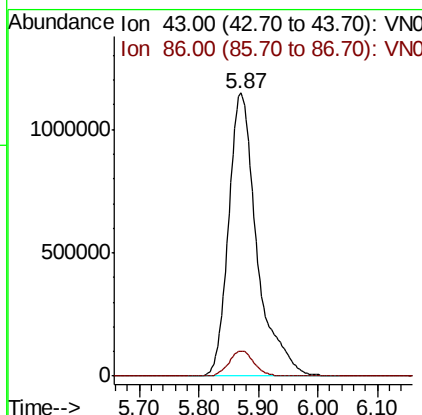
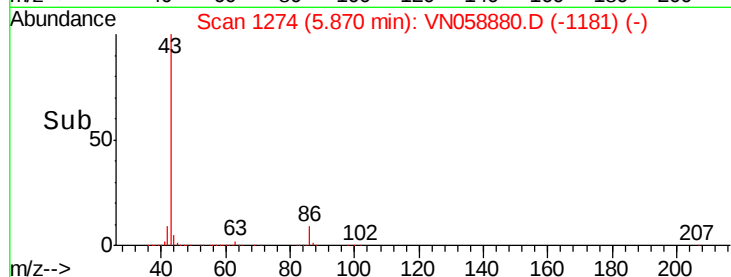
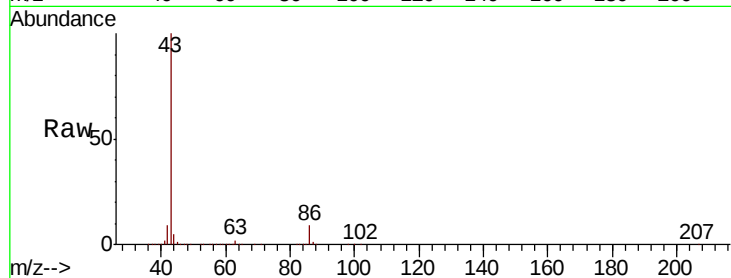




#23
 Vinyl Acetate
 Concen: 275.348 ug/l
 RT: 5.87 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

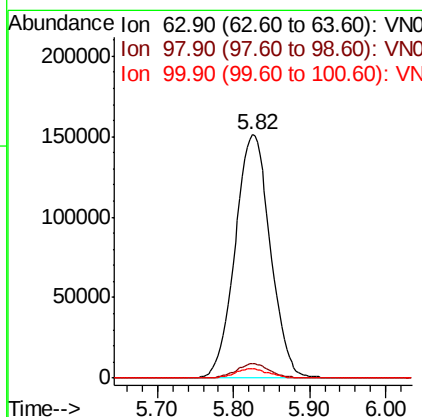
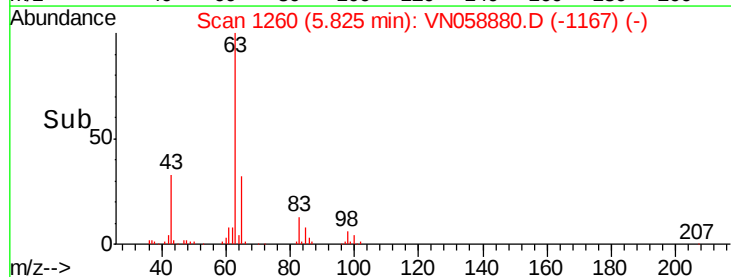
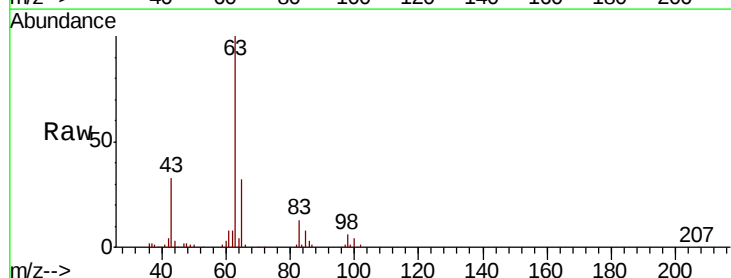
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7326BMS

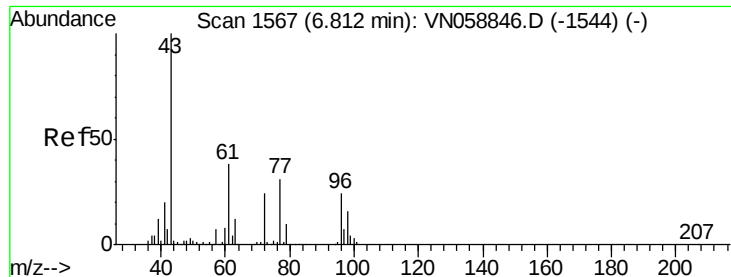
Tot Ion: 43 Resp: 3798662
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 48.818 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

Tgt Ion: 63 Resp: 486065
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.8 8.4
 100 3.8 1.9 5.7

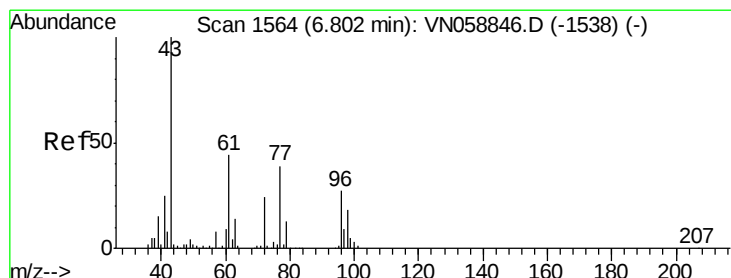
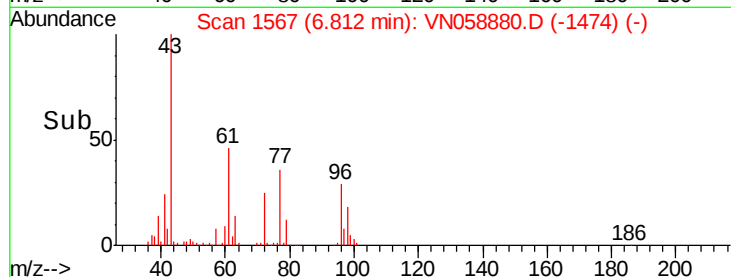
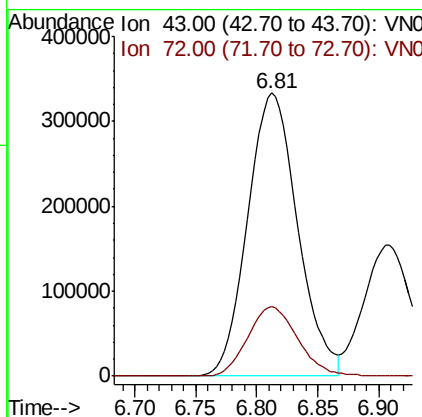
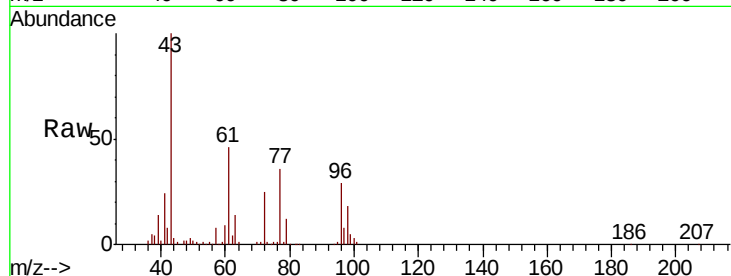




#25
2-Butanone
Concen: 227.996 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

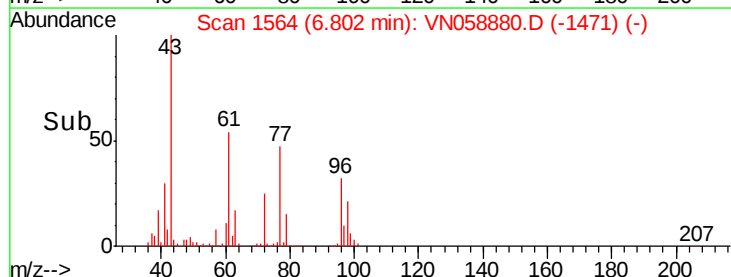
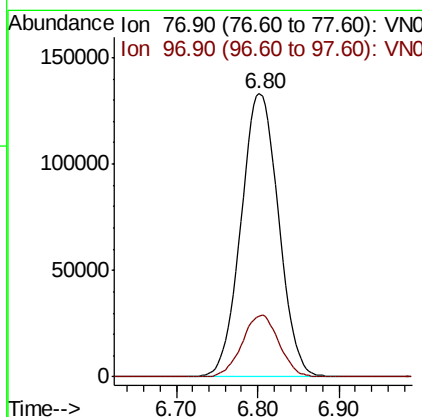
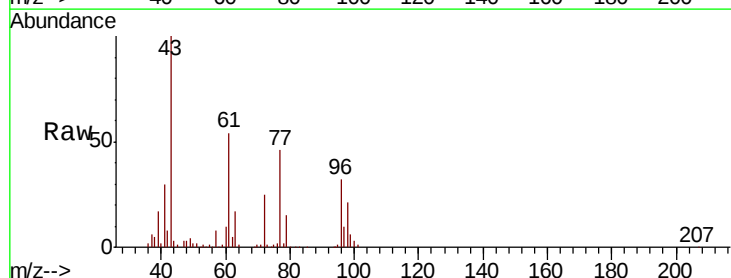
Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

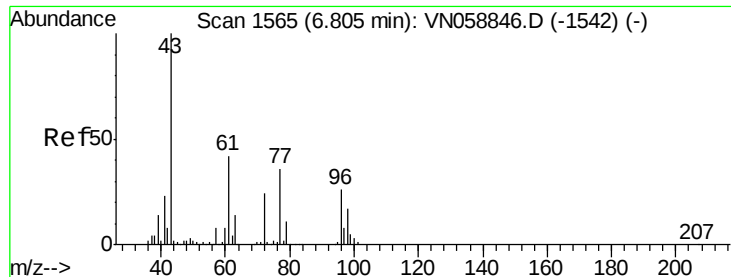
Tot Ion: 43 Resp: 943954
Ion Ratio Lower Upper
43 100
72 24.6 19.1 28.7



#26
2,2-Dichloropropane
Concen: 49.262 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion: 77 Resp: 424259
Ion Ratio Lower Upper
77 100
97 21.4 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 51.807 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

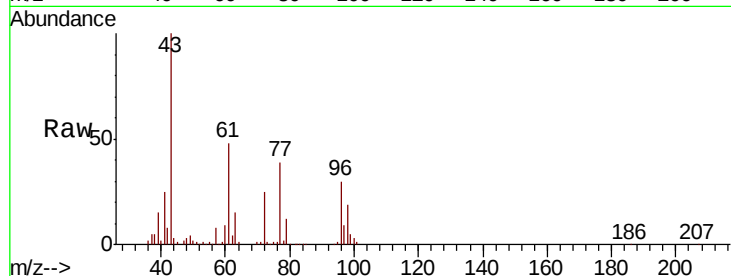
Tot Ion: 96 Resp: 283549

Ion Ratio Lower Upper

96 100

61 161.6 0.0 325.0

98 63.7 0.0 128.0

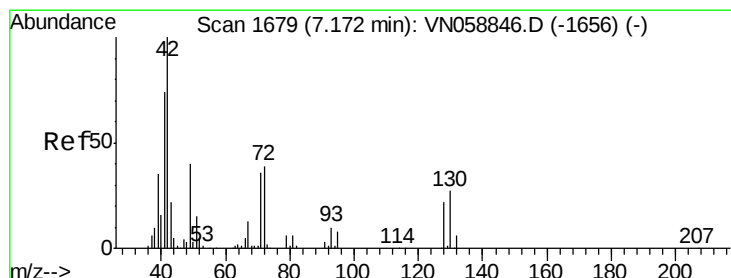
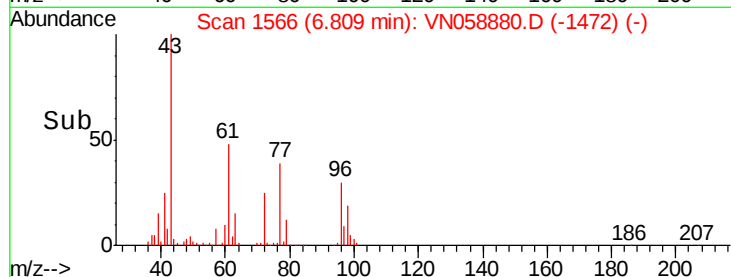
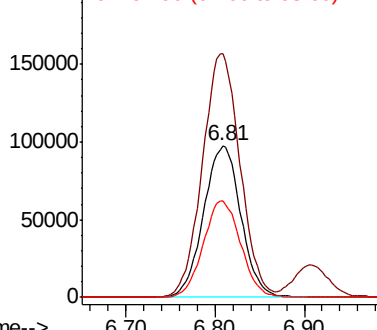


Abundance

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



#28

Bromochloromethane

Concen: 48.691 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

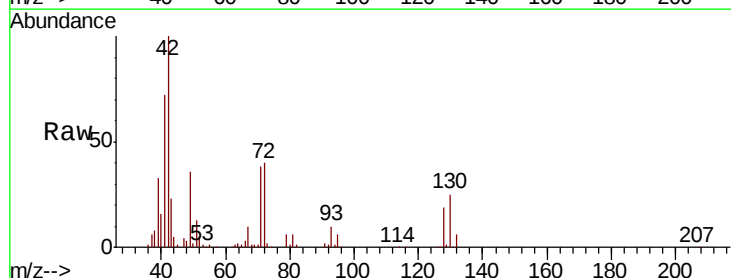
Tgt Ion: 49 Resp: 161456

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

130 66.6 53.5 80.3

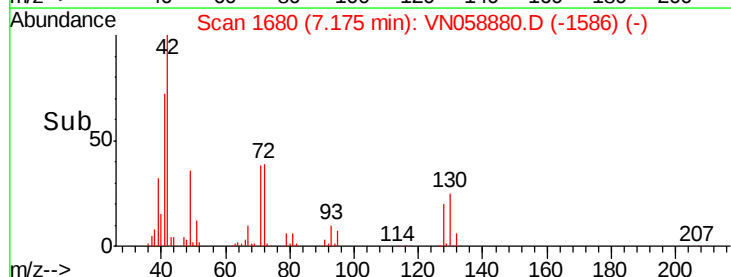
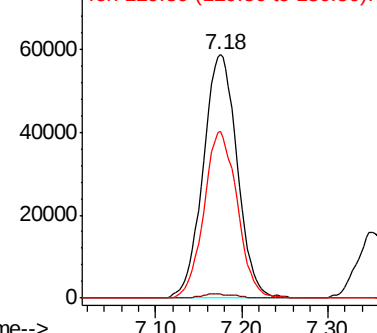


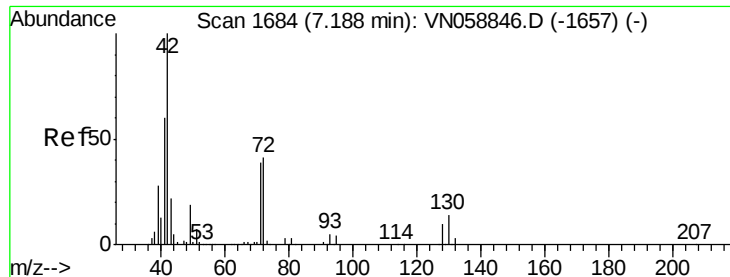
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 251.580 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

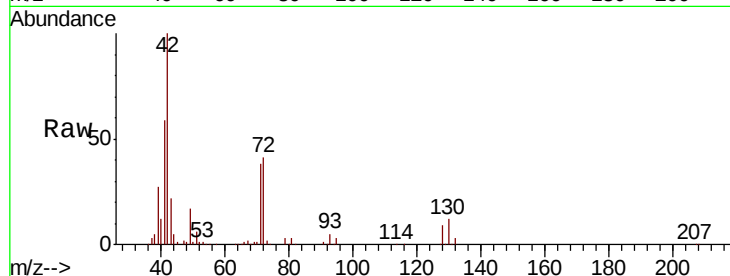
Tot Ion: 42 Resp: 637182

Ion Ratio Lower Upper

42 100

72 40.5 32.2 48.2

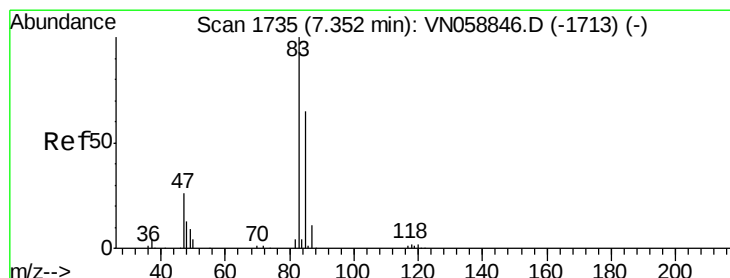
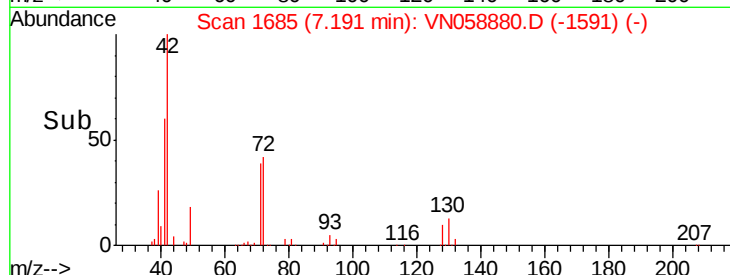
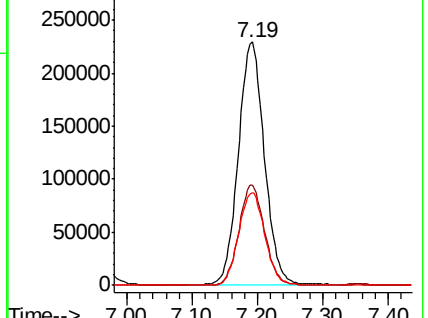
71 38.3 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.566 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. 0.00 min

Lab File: VN058880.D

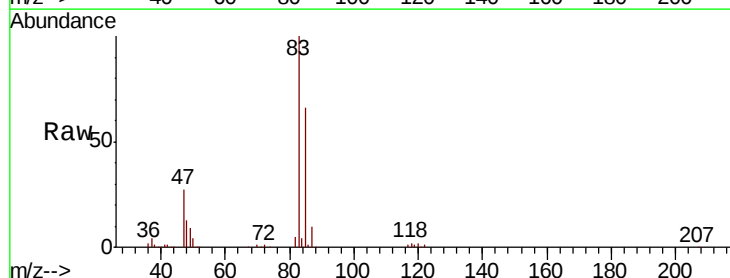
Acq: 21 Oct 2019 12:11

Tgt Ion: 83 Resp: 475068

Ion Ratio Lower Upper

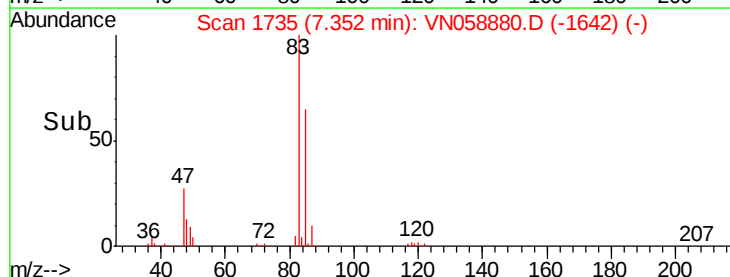
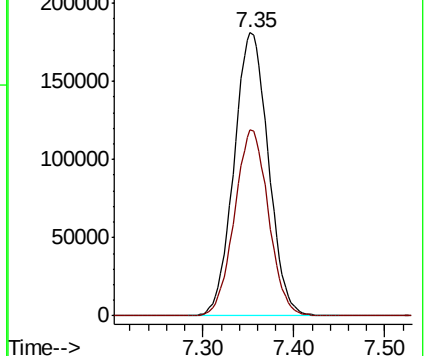
83 100

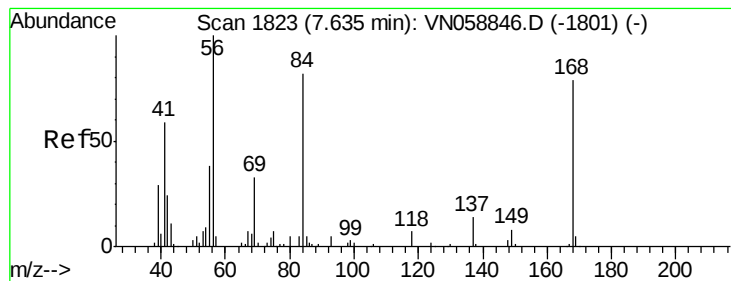
85 65.5 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.240 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

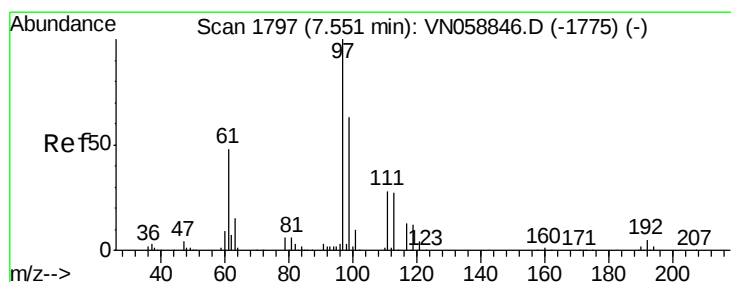
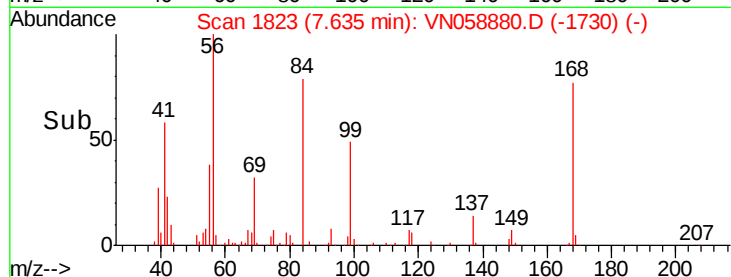
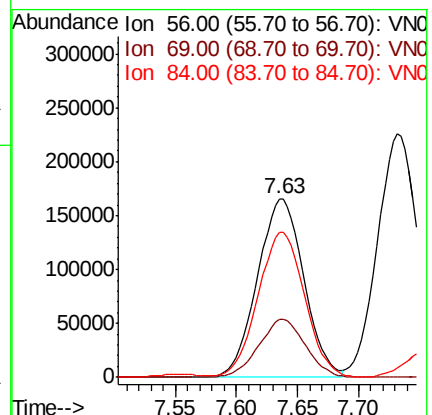
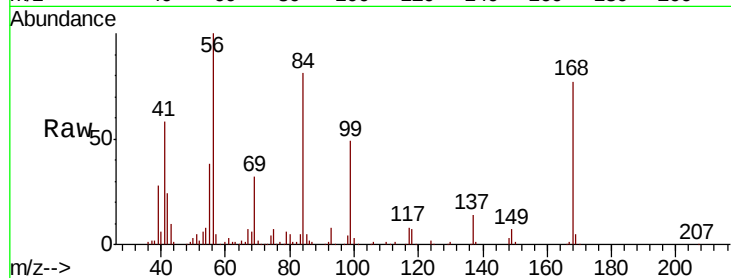
Tot Ion: 56 Resp: 438187

Ion Ratio Lower Upper

56 100

69 32.3 26.2 39.4

84 79.9 65.6 98.4



#32

1,1,1-Trichloroethane

Concen: 48.973 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

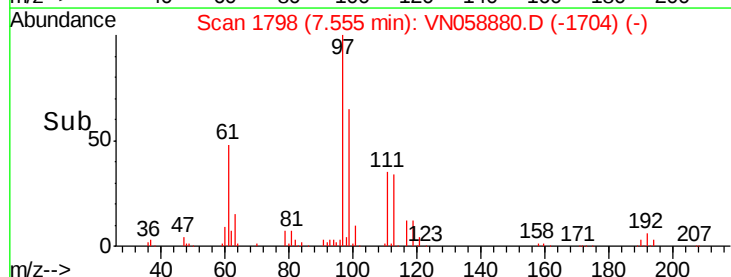
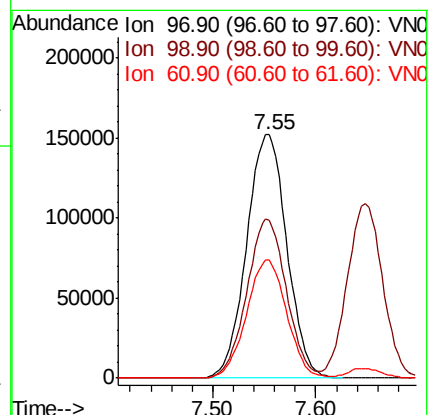
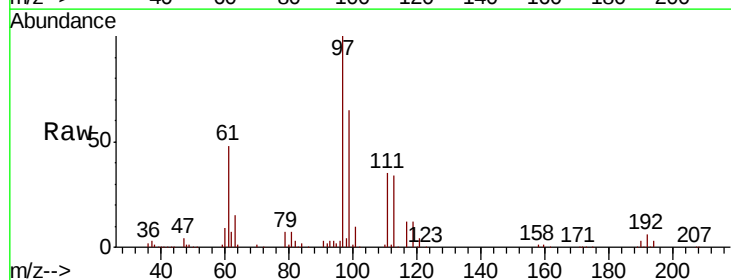
Tgt Ion: 97 Resp: 412276

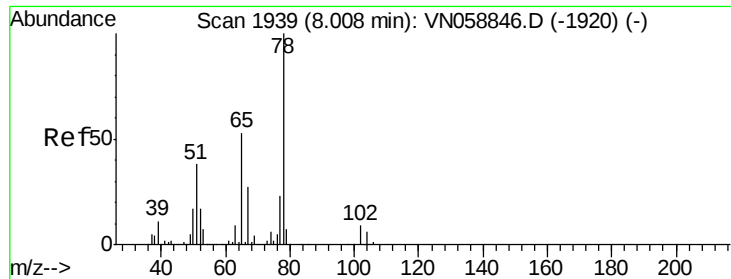
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 48.4 38.6 58.0

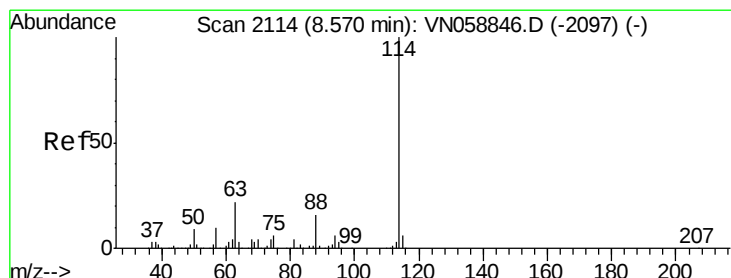
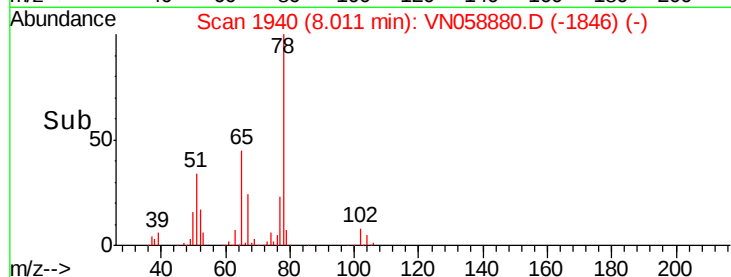
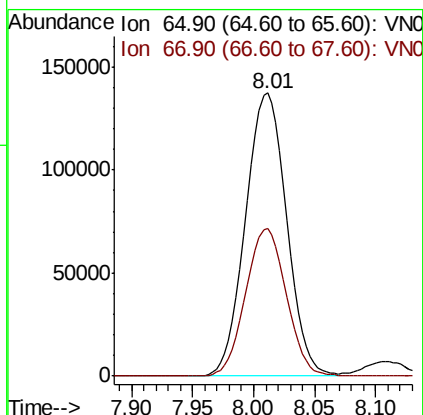
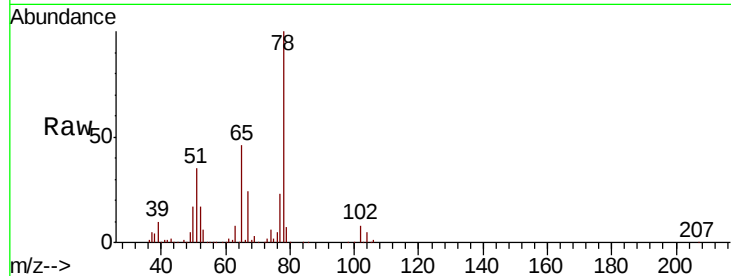




#33
 1,2-Dichloroethane-d4
 Concen: 49.671 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

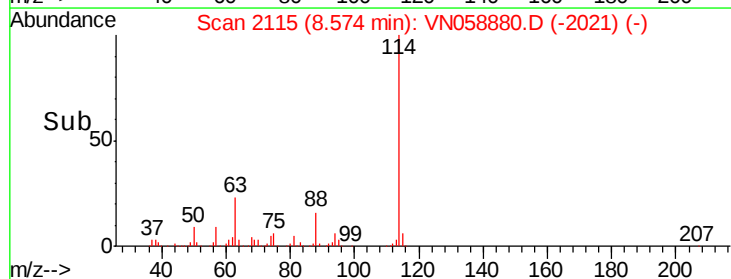
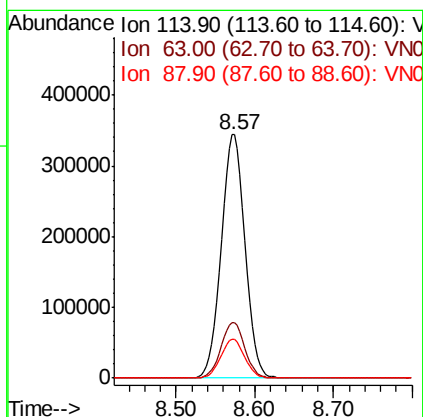
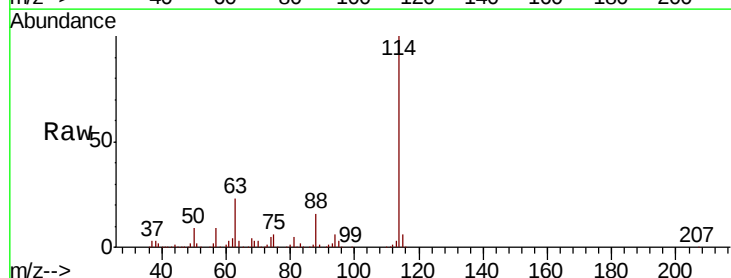
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7326BMS

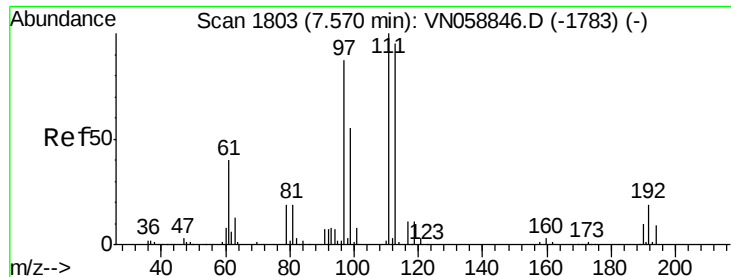
Tot Ion: 65 Resp: 320604
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

Tgt Ion: 114 Resp: 714934
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.4
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.387 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

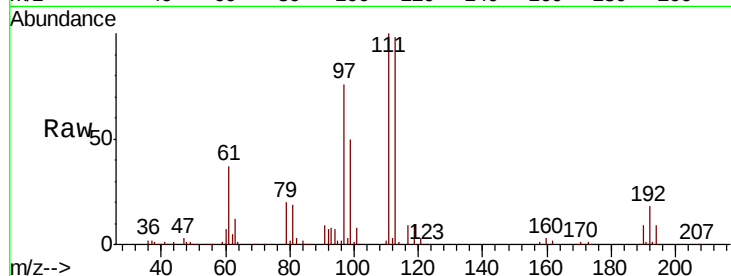
Tot Ion:113 Resp: 232145

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

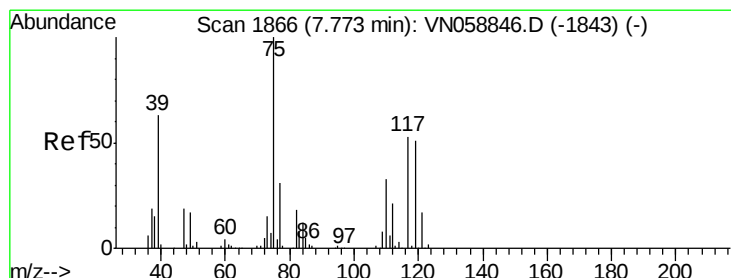
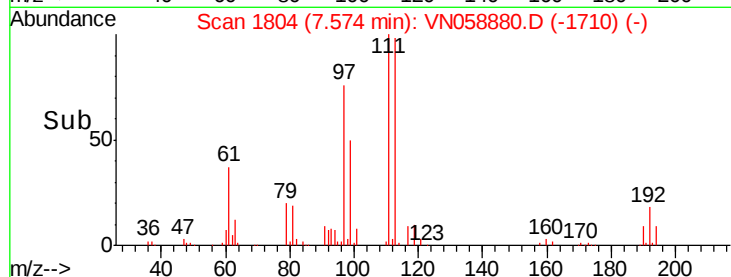
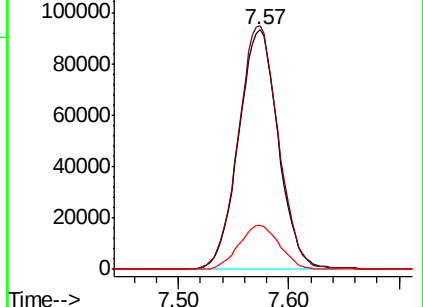
192 18.7 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.399 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

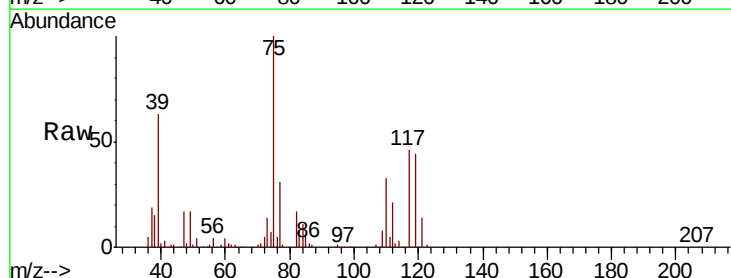
Tgt Ion: 75 Resp: 361571

Ion Ratio Lower Upper

75 100

110 32.4 16.3 48.9

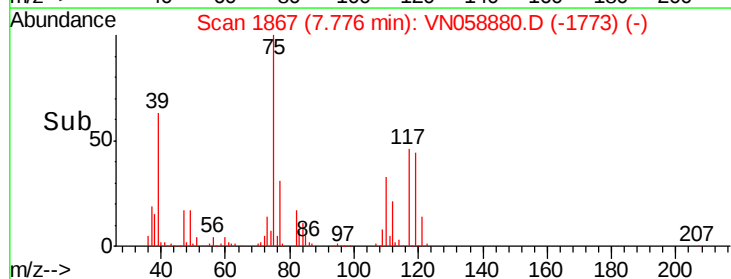
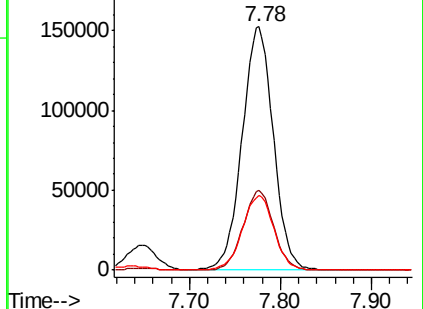
77 31.1 24.6 36.8

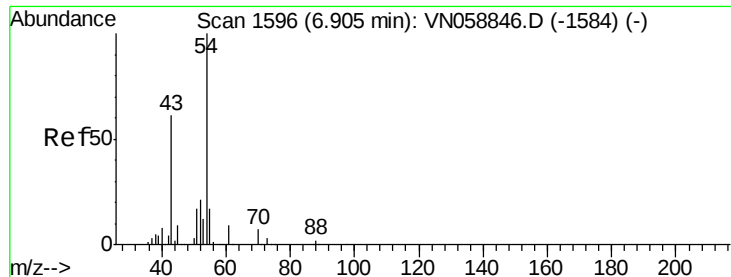


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

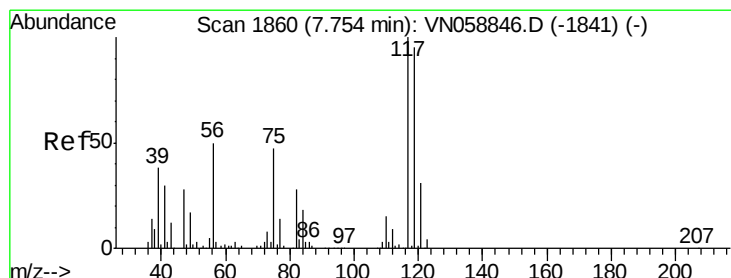
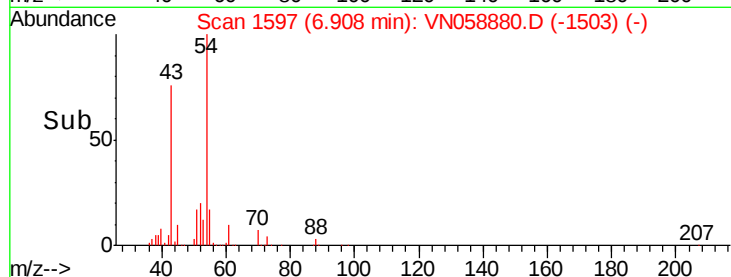
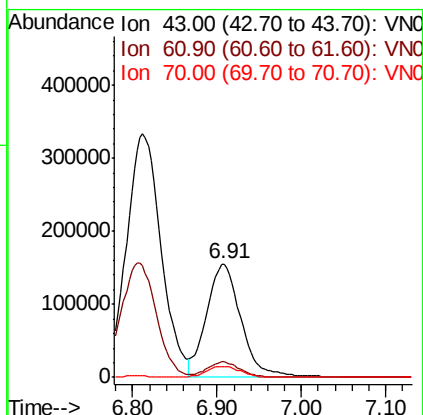
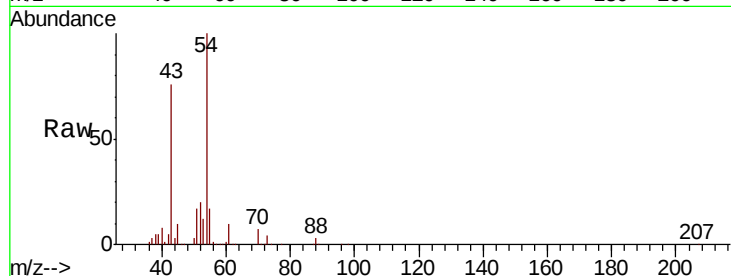




#37
Ethyl Acetate
Concen: 54.650 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

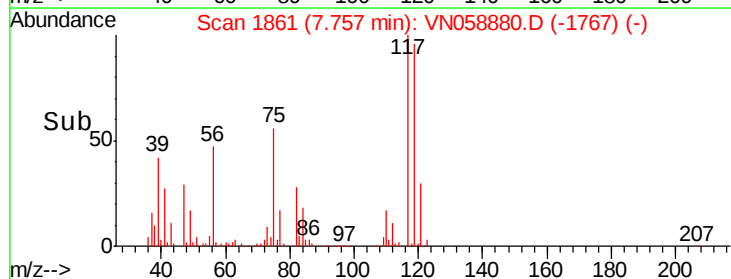
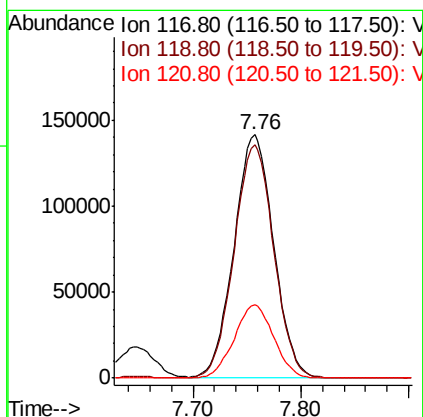
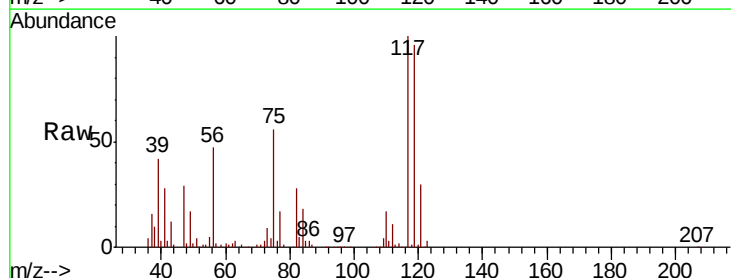
Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

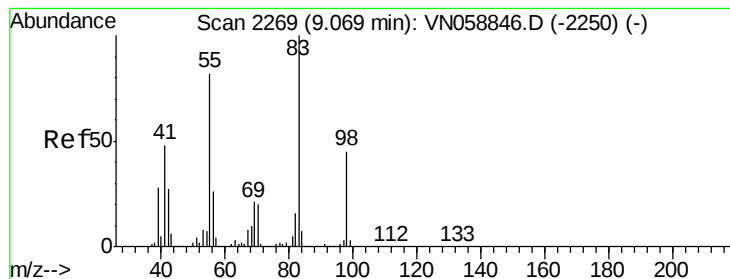
Tot Ion: 43 Resp: 435859
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 47.851 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion: 117 Resp: 360817
Ion Ratio Lower Upper
117 100
119 95.9 75.7 113.5
121 30.4 25.0 37.6





#39

Methvlcvclohexane

Concen: 50.232 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

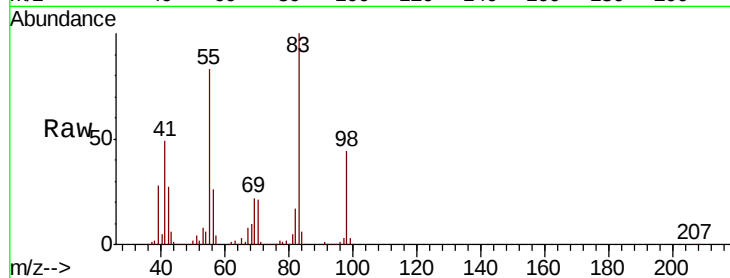
Tot Ion: 83 Resp: 412842

Ion Ratio Lower Upper

83 100

55 82.5 65.5 98.3

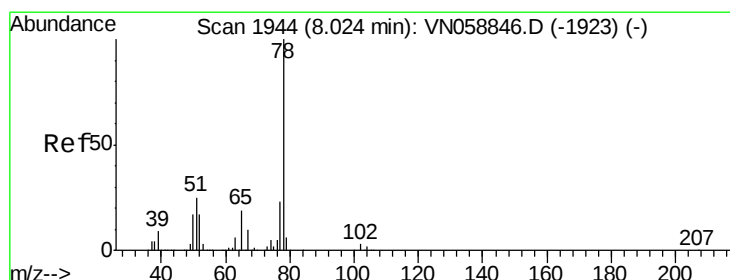
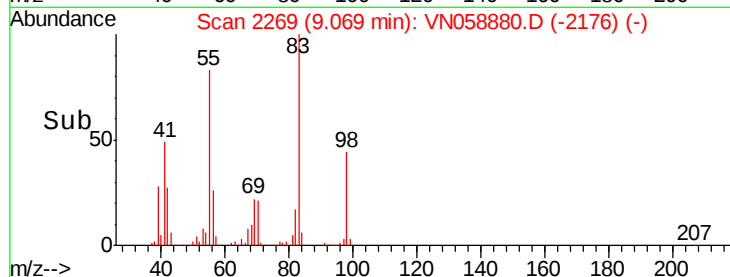
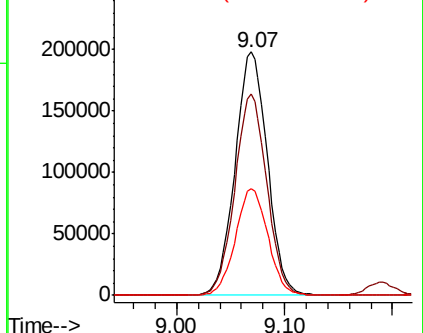
98 43.9 35.7 53.5



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: 49.461 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN058880.D

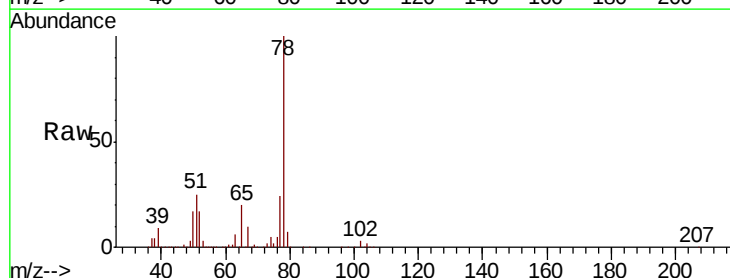
Acq: 21 Oct 2019 12:11

Tgt Ion: 78 Resp: 1063093

Ion Ratio Lower Upper

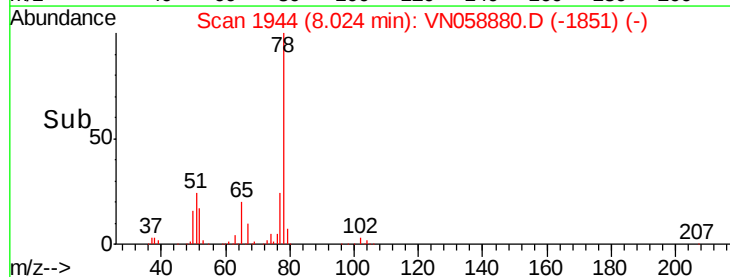
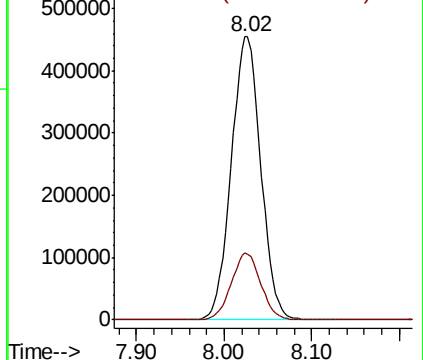
78 100

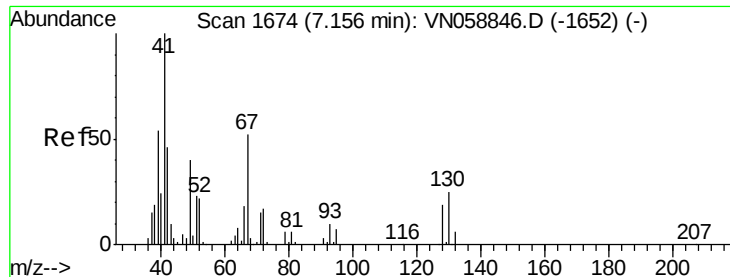
77 23.7 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

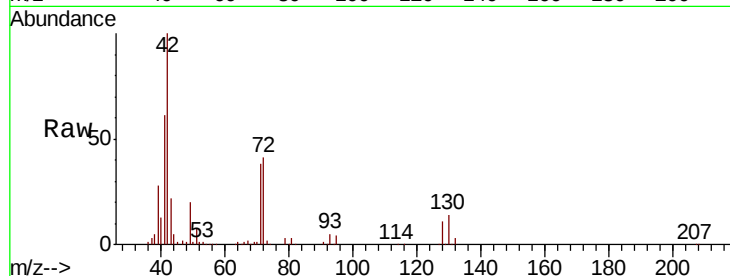




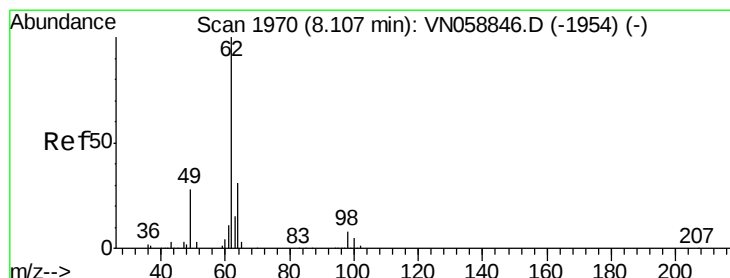
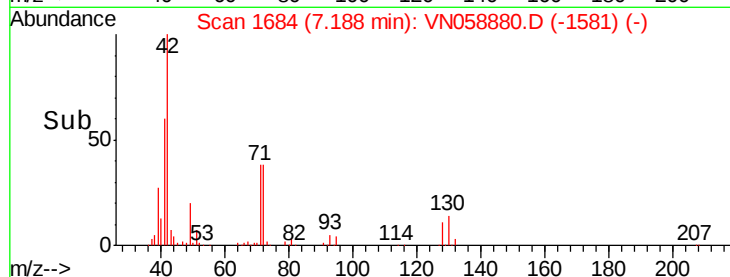
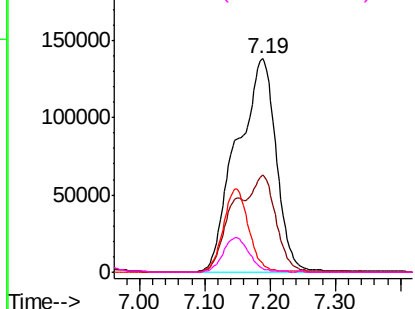
#41
Methacrylonitrile
Concen: 162.193 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

Tot Ion:	41	Resp:	576123
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

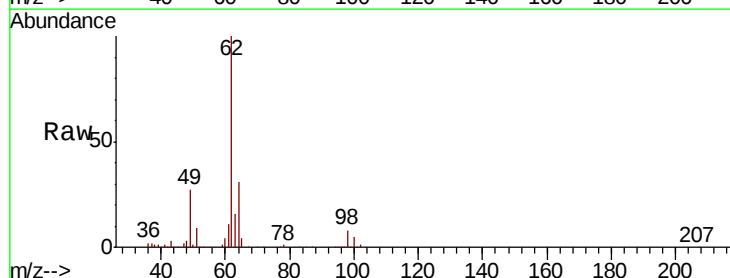


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

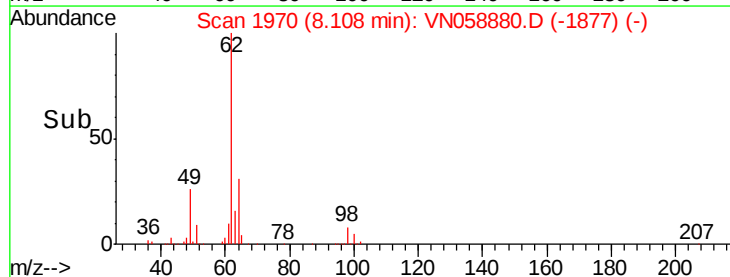
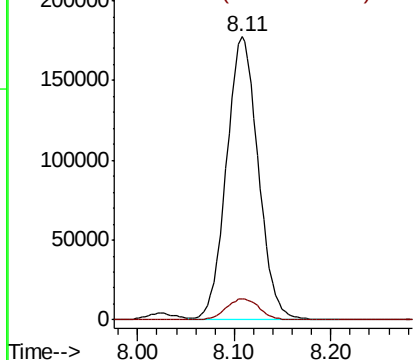


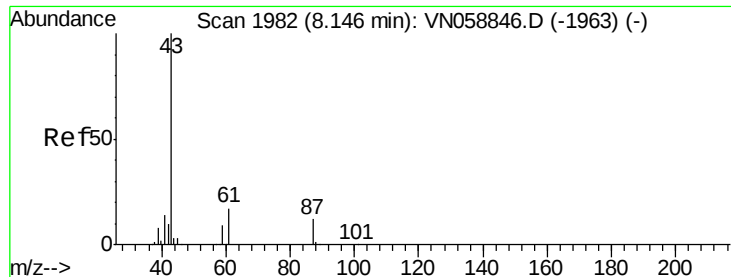
#42
1,2-Dichloroethane
Concen: 48.730 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion:	62	Resp:	403456
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: 50.405 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

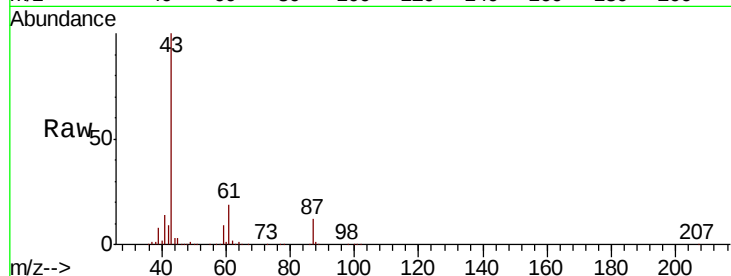
Tot Ion: 43 Resp: 644721

Ion Ratio Lower Upper

43 100

61 25.0 20.2 30.2

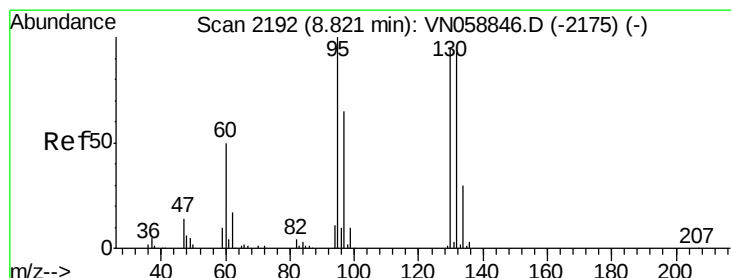
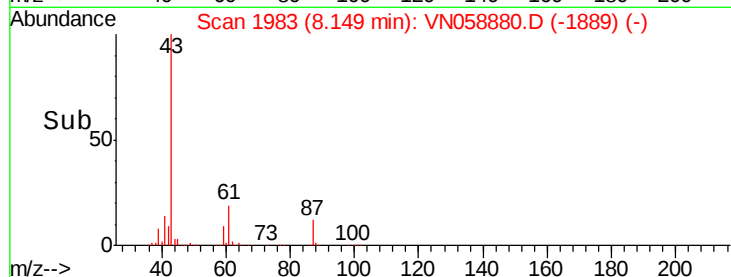
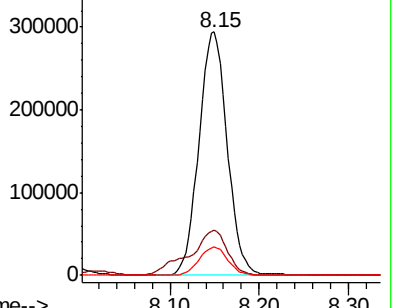
87 11.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN058880.D (-1889) (-)

Ion 61.00 (60.70 to 61.70): VN058880.D (-1889) (-)

Ion 87.00 (86.70 to 87.70): VN058880.D (-1889) (-)



#44

Trichloroethene

Concen: 55.259 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN058880.D

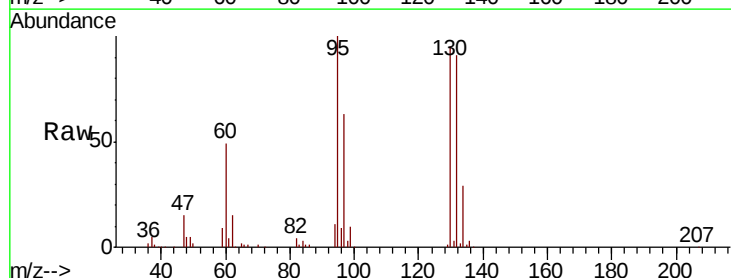
Acq: 21 Oct 2019 12:11

Tgt Ion:130 Resp: 289323

Ion Ratio Lower Upper

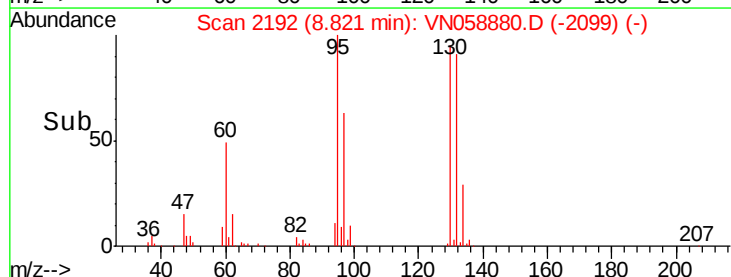
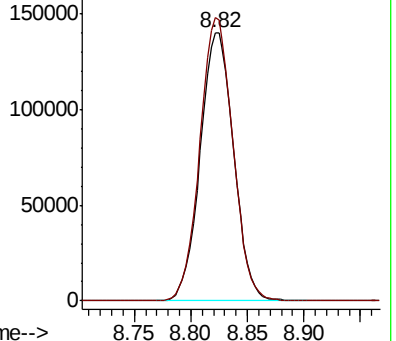
130 100

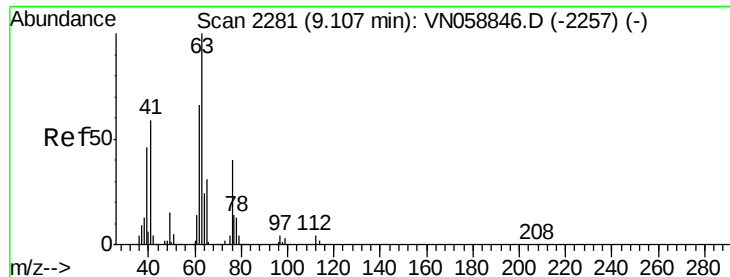
95 105.5 0.0 209.6



Abundance Ion 129.80 (129.50 to 130.50): VN058880.D (-2099) (-)

Ion 94.90 (94.60 to 95.60): VN058880.D (-2099) (-)





#45

1,2-Dichloropropane

Concen: 49.305 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

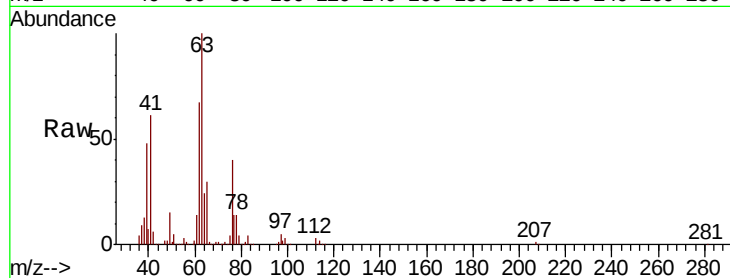
FA19-JBW7326BMS

Tot Ion: 63 Resp: 290593

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.11

150000

100000

50000

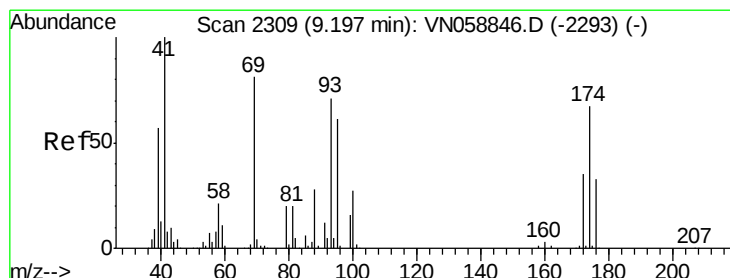
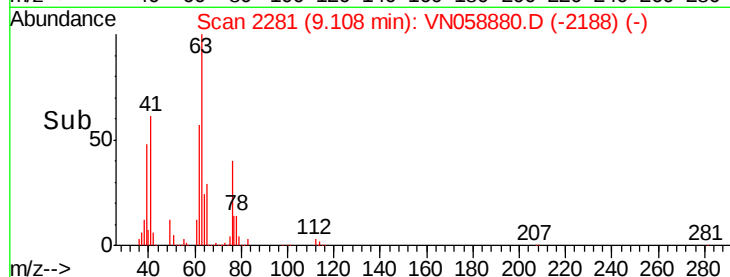
0

Time-->

9.00

9.10

9.20



#46

Dibromomethane

Concen: 48.513 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

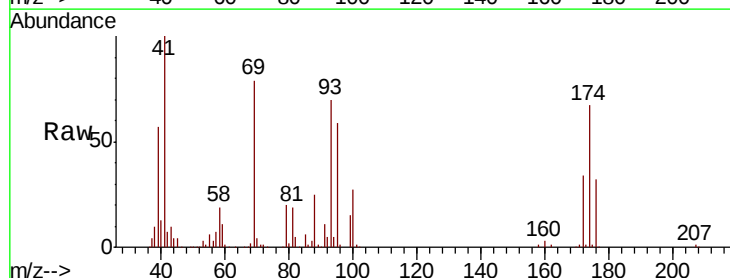
Tgt Ion: 93 Resp: 180757

Ion Ratio Lower Upper

93 100

95 83.1 67.6 101.4

174 93.0 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

120000

100000

80000

60000

40000

20000

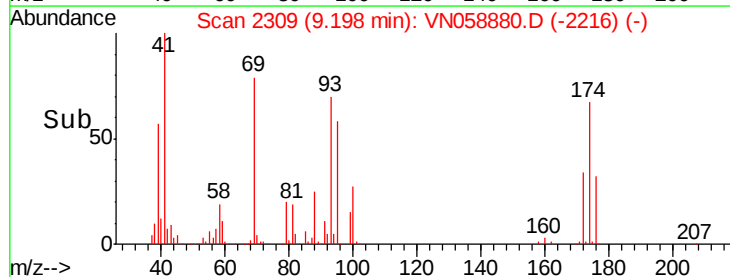
0

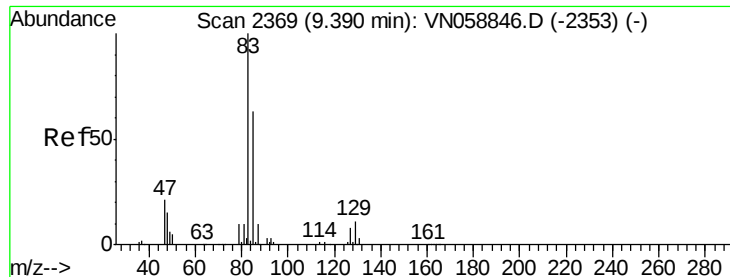
Time-->

9.10

9.20

9.30





#47

Bromodichloromethane

Concen: 49.340 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

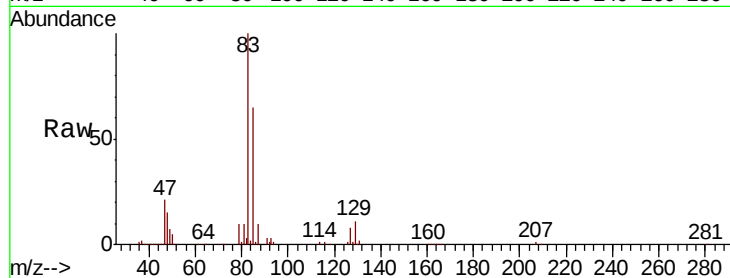
Tot Ion: 83 Resp: 378897

Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8

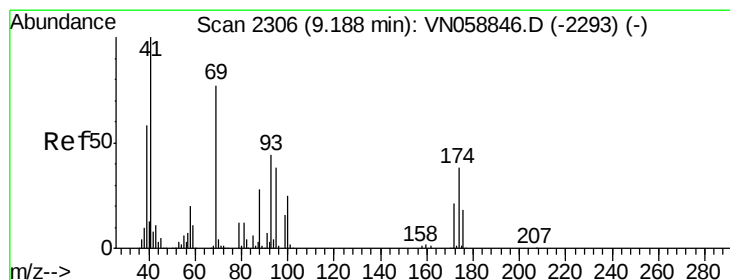
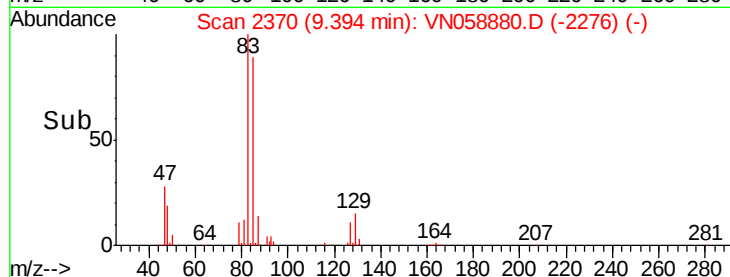
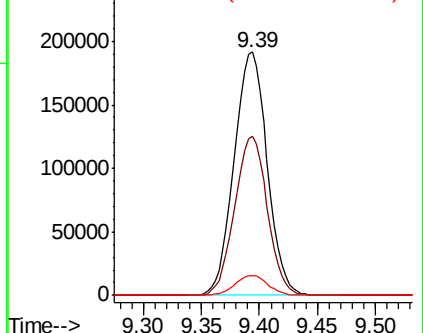
127 8.3 6.5 9.7



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): VNC



#48

Methyl methacrylate

Concen: 51.893 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

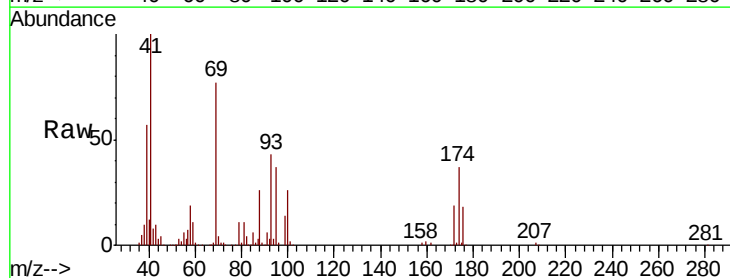
Tgt Ion: 41 Resp: 301146

Ion Ratio Lower Upper

41 100

69 79.7 63.8 95.6

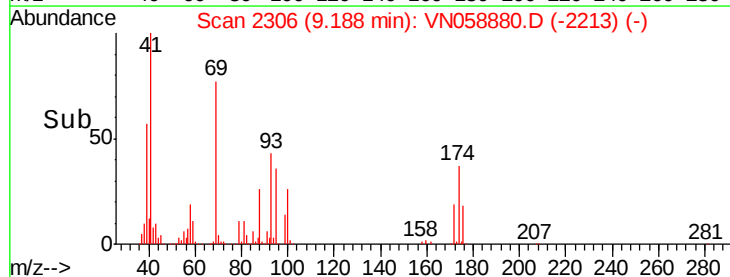
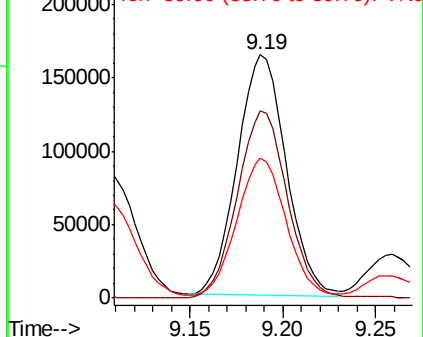
39 59.0 47.8 71.8

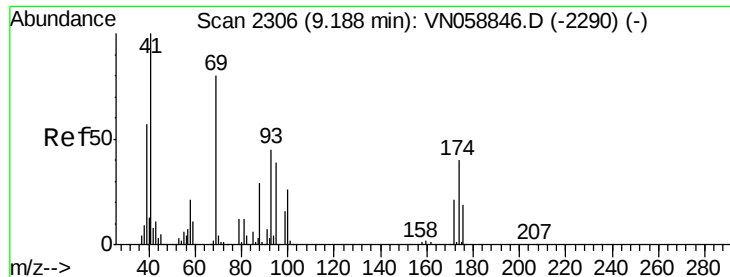


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

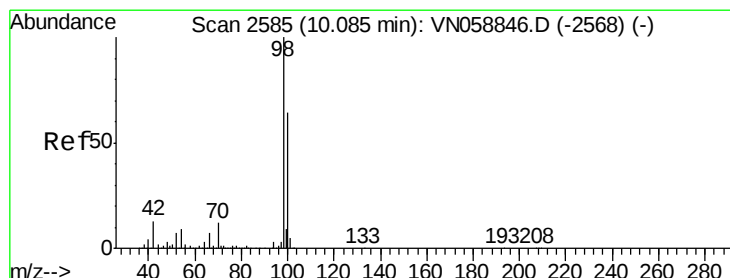
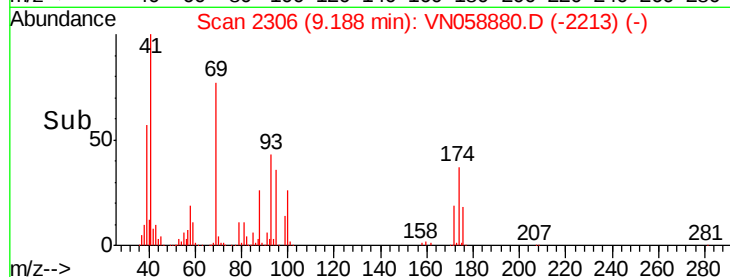
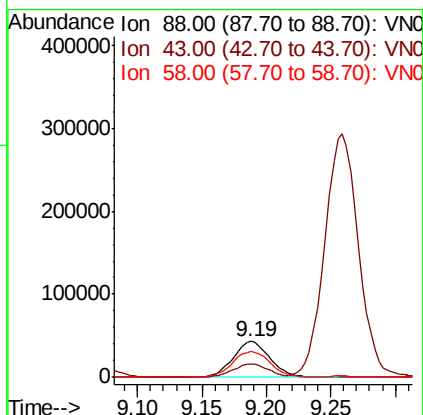
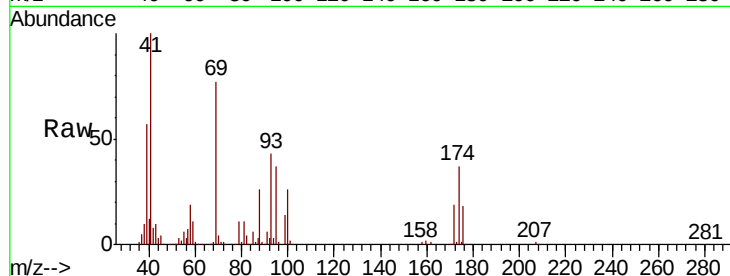




#49
1,4-Dioxane
Concen: 900.163 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

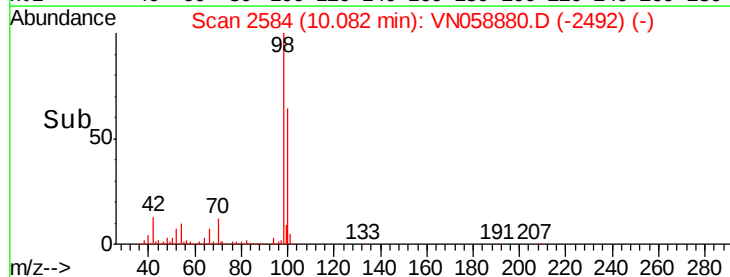
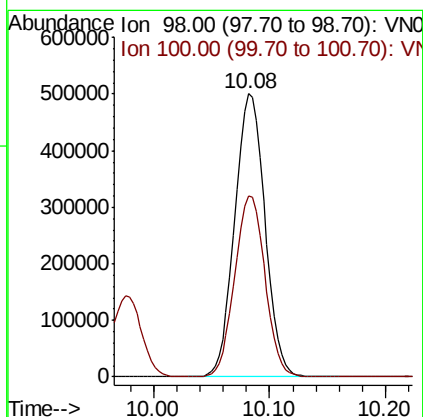
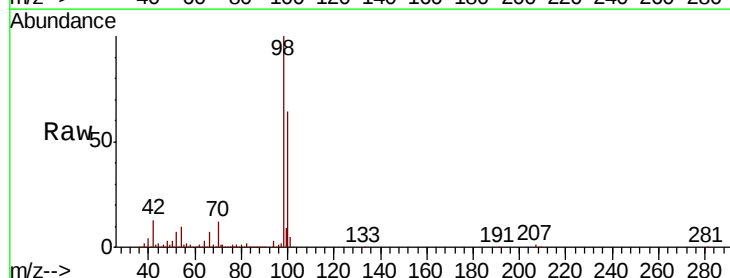
Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

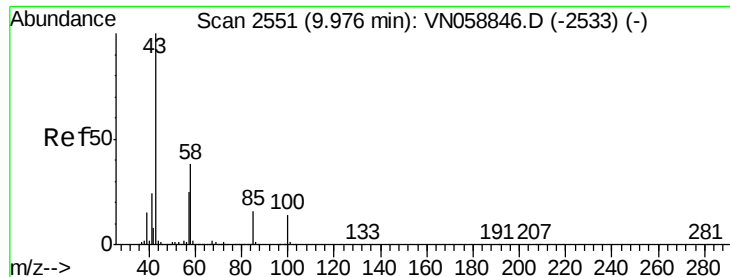
Tot Ion: 88 Resp: 85753
Ion Ratio Lower Upper
88 100
43 36.3 29.1 43.7
58 74.8 59.4 89.0



#50
Toluene-d8
Concen: 49.769 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion: 98 Resp: 908117
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 265.836 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

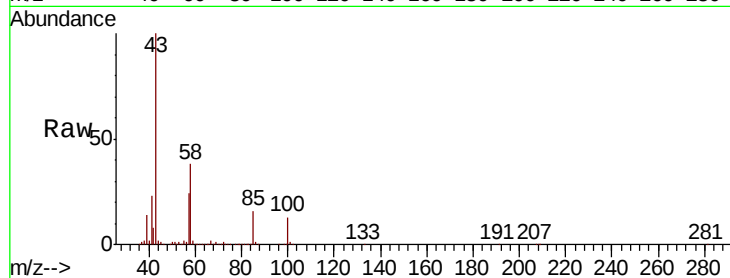
FA19-JBW7326BMS

Tot Ion: 43 Resp: 1986064

Ion Ratio Lower Upper

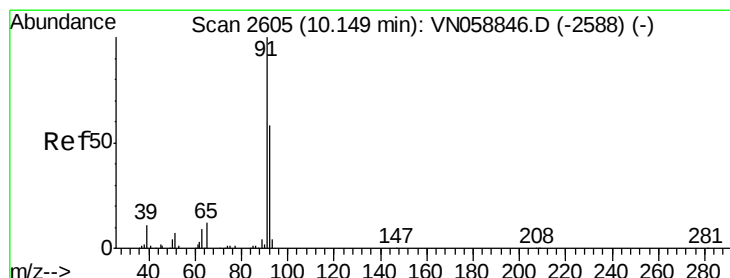
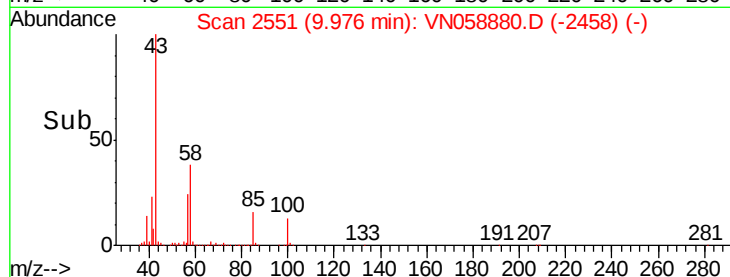
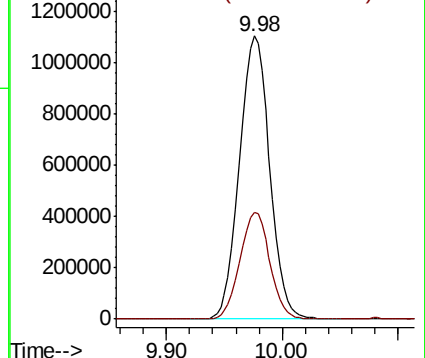
43 100

58 37.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.216 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058880.D

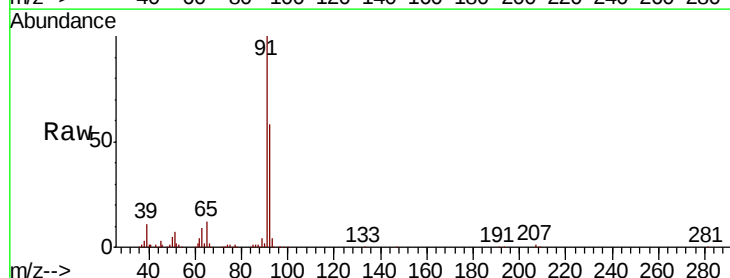
Acq: 21 Oct 2019 12:11

Tgt Ion: 92 Resp: 652795

Ion Ratio Lower Upper

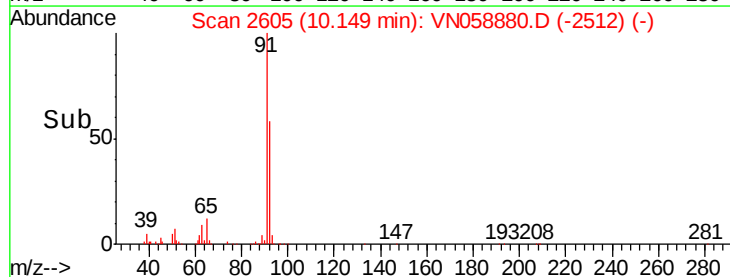
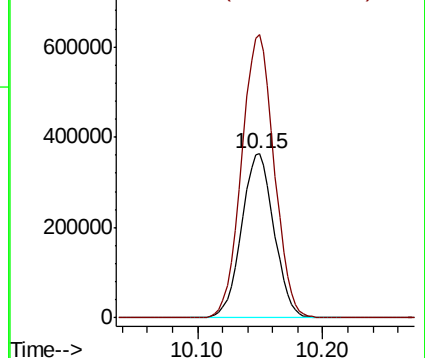
92 100

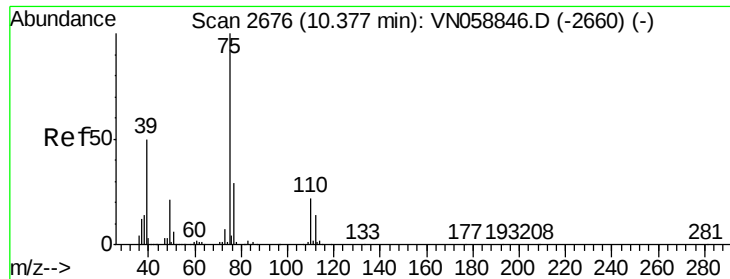
91 173.1 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 50.964 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

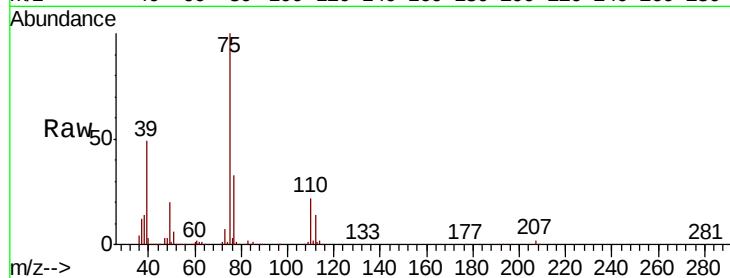
FA19-JBW7326BMS

Tot Ion: 75 Resp: 433253

Ion Ratio Lower Upper

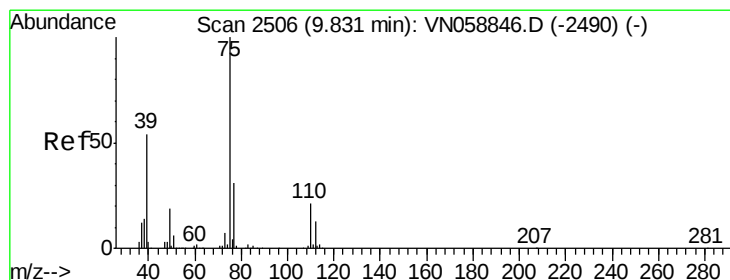
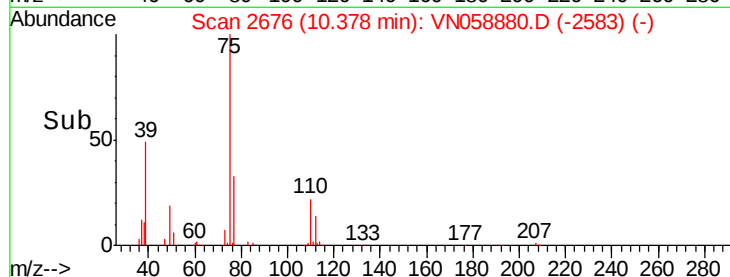
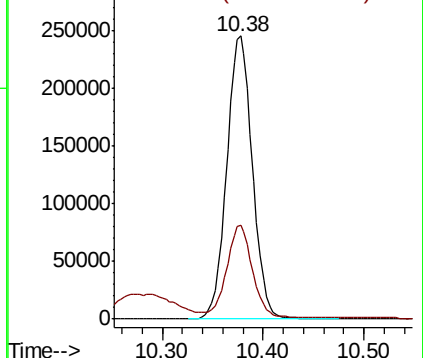
75 100

77 32.5 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 49.464 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

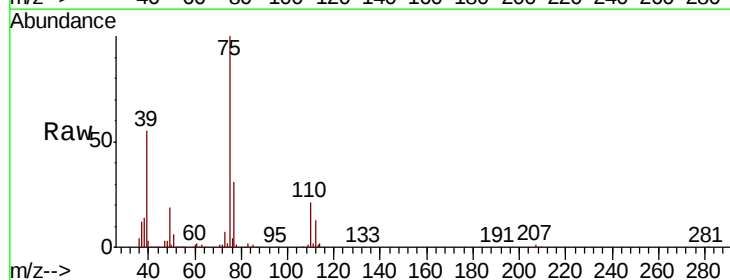
Tgt Ion: 75 Resp: 449259

Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

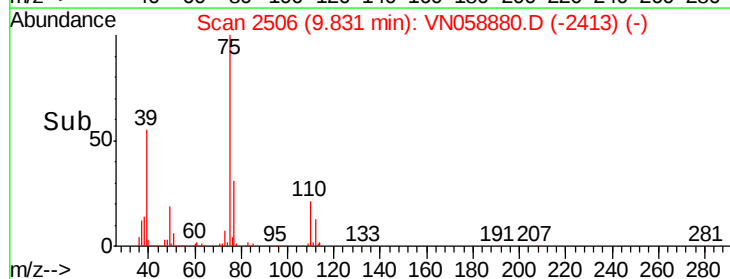
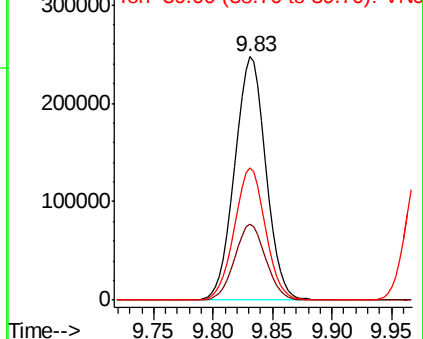
39 54.5 43.5 65.3

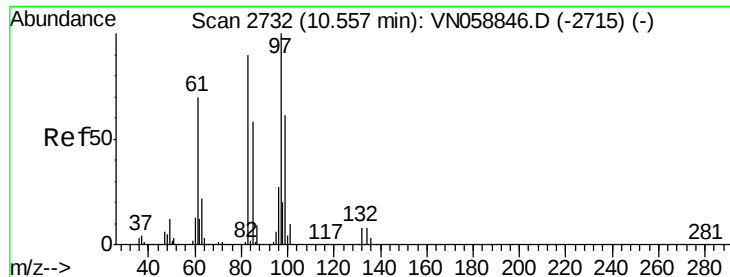


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 49.125 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

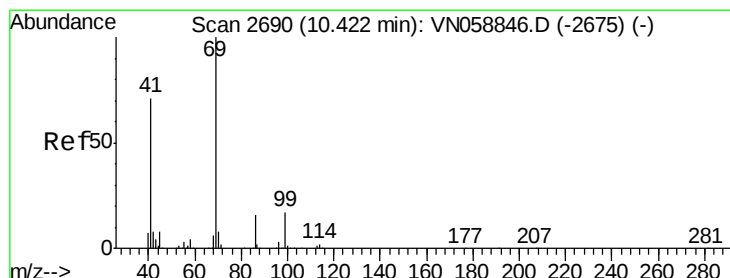
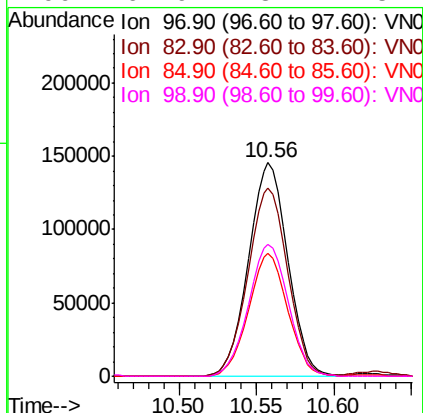
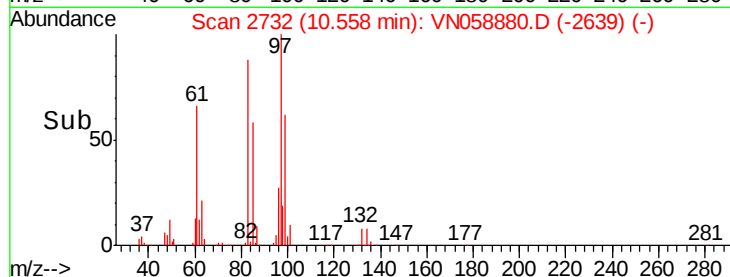
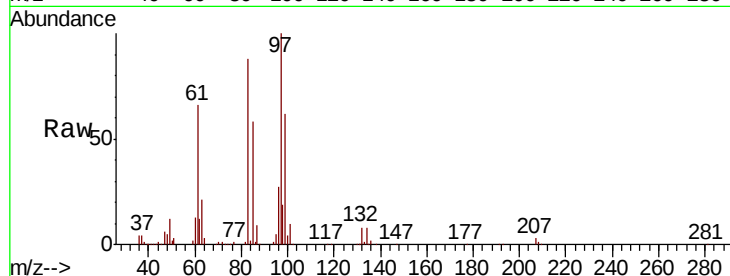
MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

Tot Ion: 97 Resp: 257944

Ion	Ratio	Lower	Upper
97	100		
83	88.2	72.2	108.4
85	57.8	46.2	69.2
99	61.9	48.7	73.1



#56

Ethyl methacrylate

Concen: 46.607 ug/l

RT: 10.43 min Scan# 2691

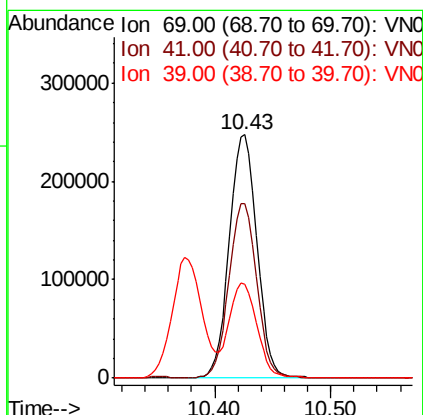
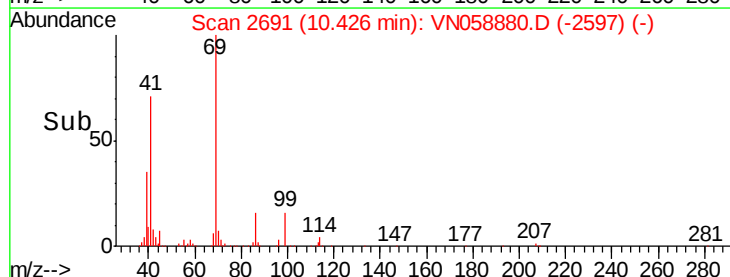
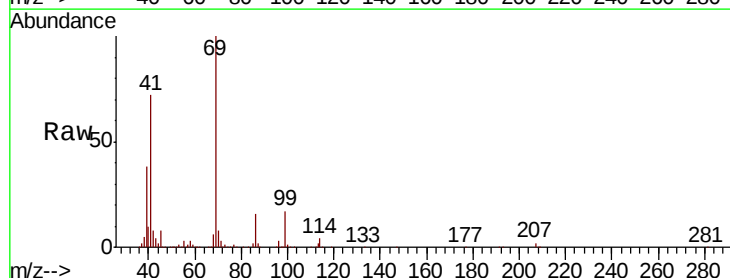
Delta R.T. 0.00 min

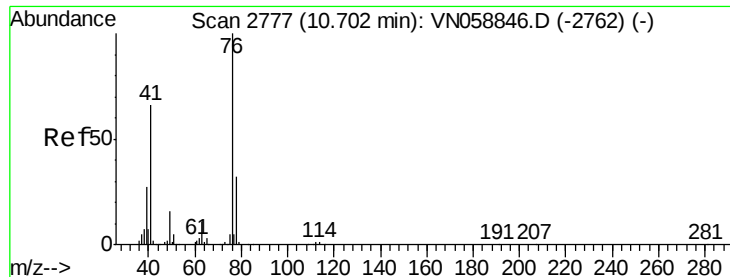
Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Tgt Ion: 69 Resp: 409767

Ion	Ratio	Lower	Upper
69	100		
41	71.4	57.2	85.8
39	38.5	31.0	46.4





#57

1,3-Dichloropropane

Concen: 49.124 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

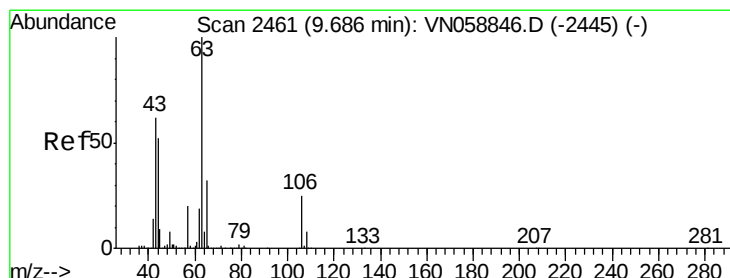
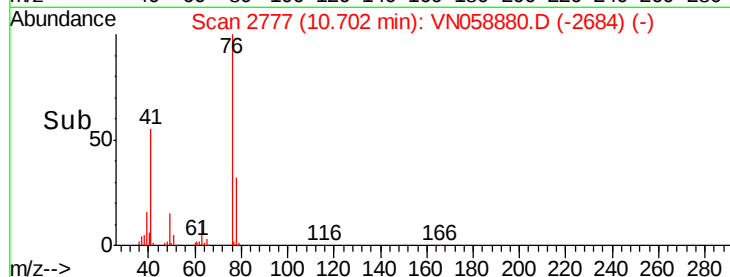
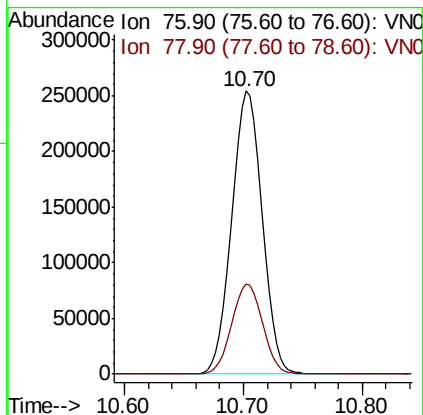
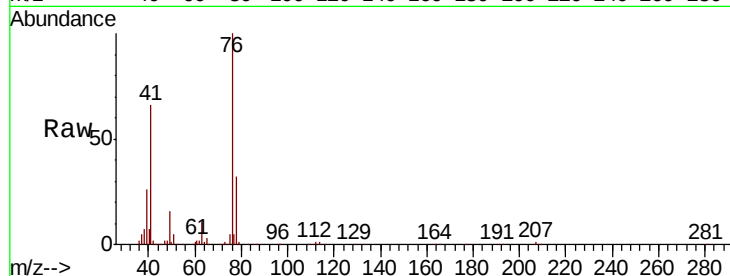
FA19-JBW7326BMS

Tot Ion: 76 Resp: 452706

Ion Ratio Lower Upper

76 100

78 32.4 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 5.984 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN058880.D

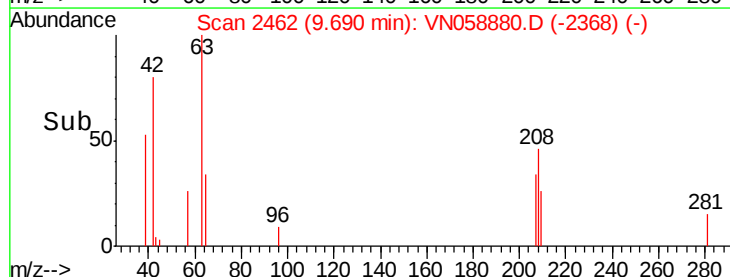
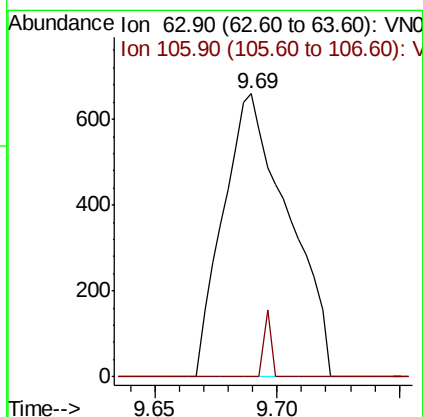
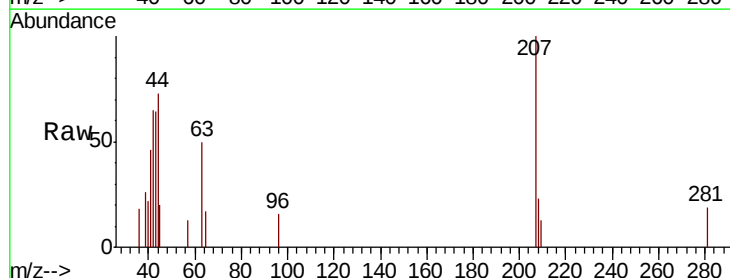
Acq: 21 Oct 2019 12:11

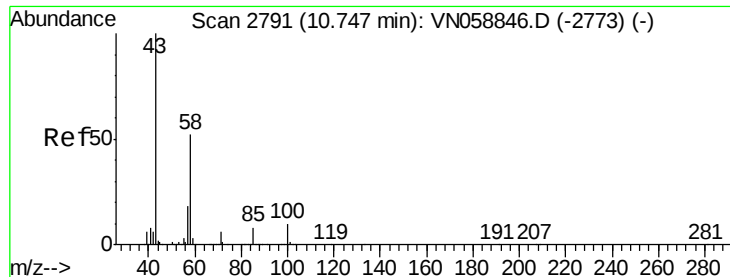
Tgt Ion: 63 Resp: 1221

Ion Ratio Lower Upper

63 100

106 2.5 19.8 29.8#

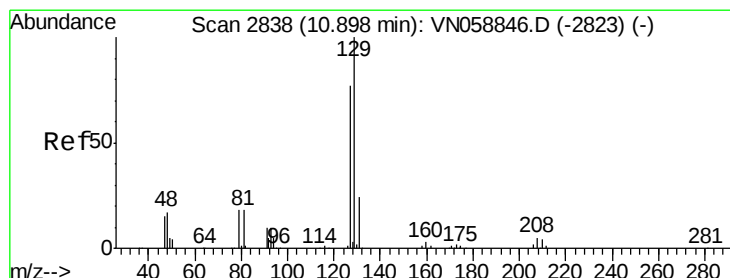
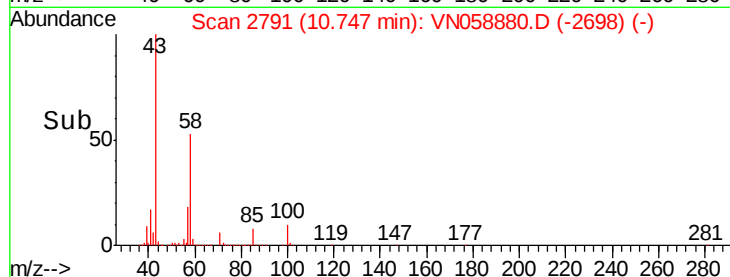
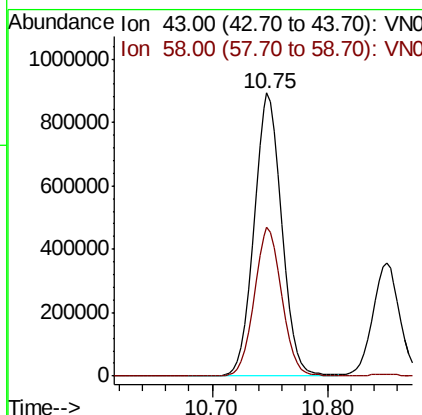
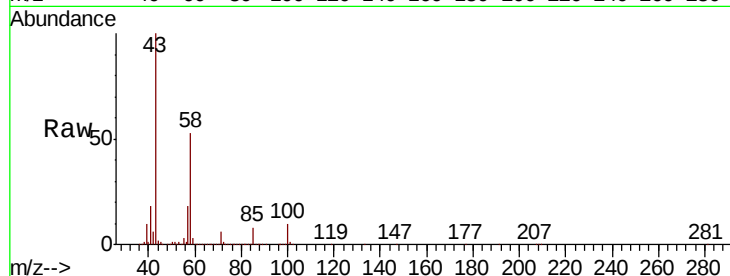




#59
2-Hexanone
Concen: 257.358 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

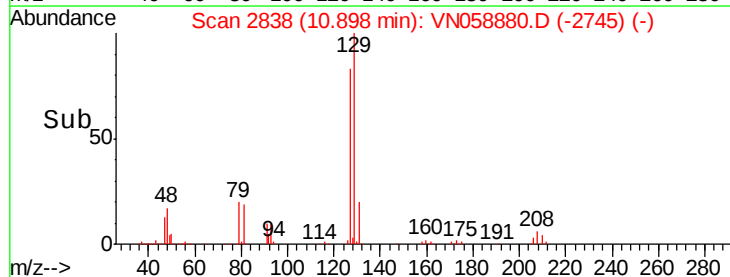
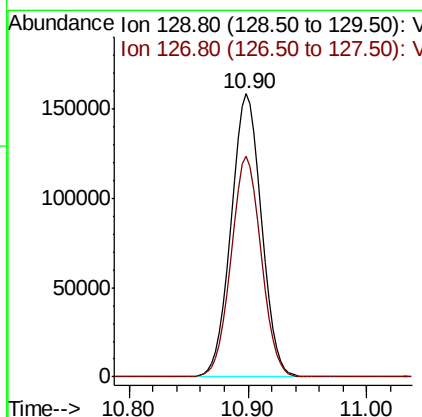
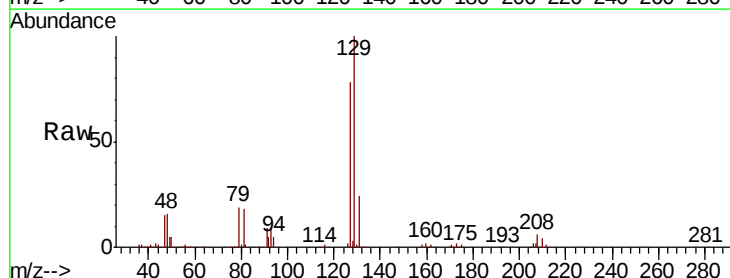
Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

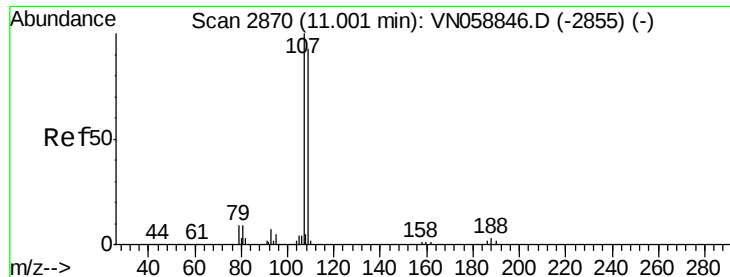
Tot Ion: 43 Resp: 1485753
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.7



#60
Dibromochloromethane
Concen: 49.703 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion: 129 Resp: 280902
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3

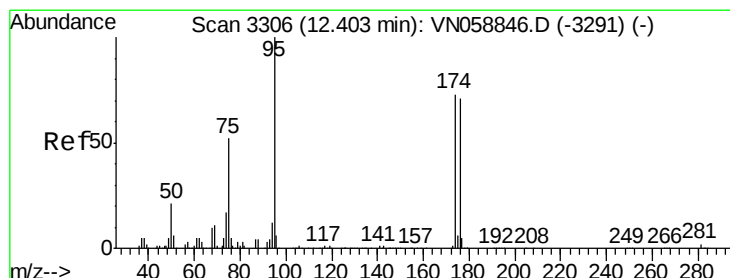
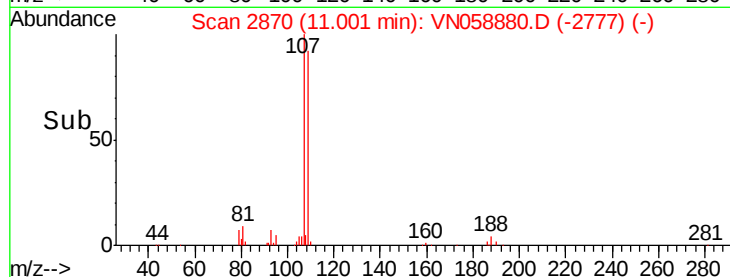
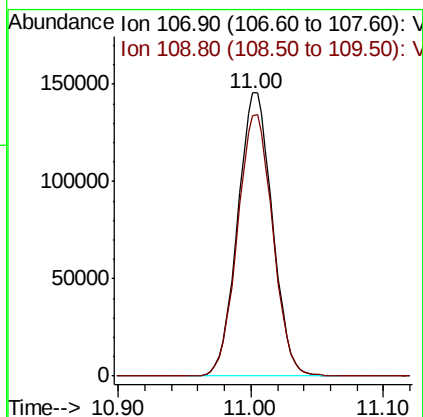
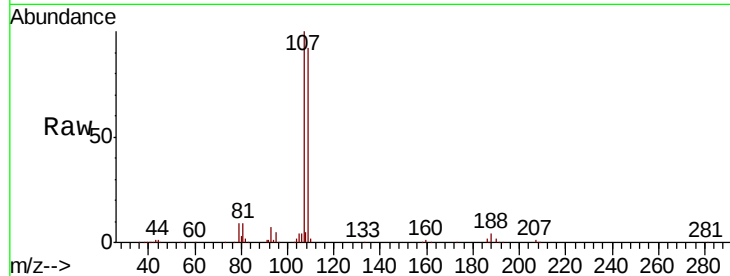




#61
 1,2-Dibromoethane
 Concen: 49.254 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

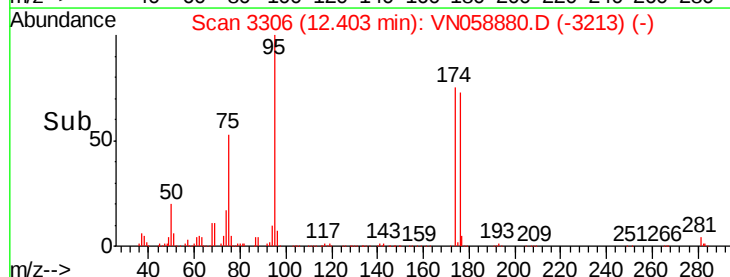
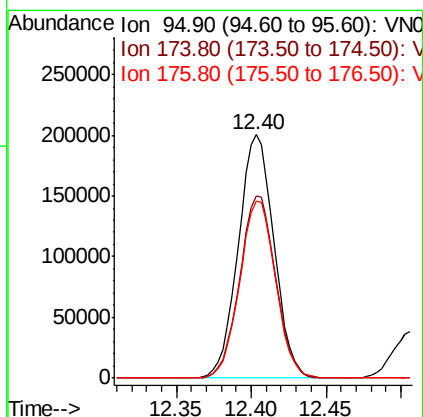
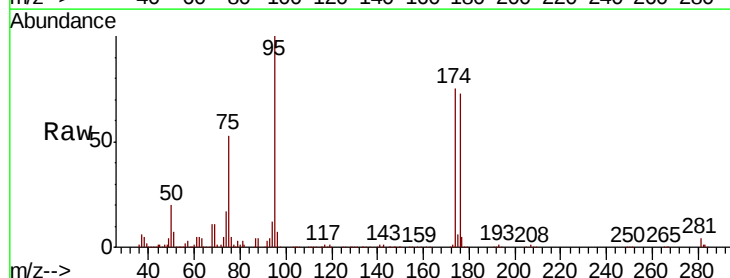
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7326BMS

Tot Ion: 107 Resp: 264665
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 49.627 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

Tgt Ion: 95 Resp: 332537
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 147.6
 176 73.6 0.0 143.2

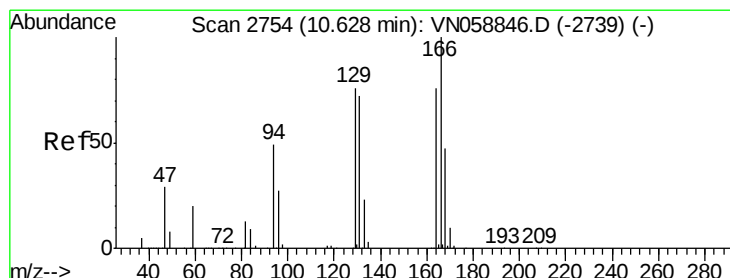
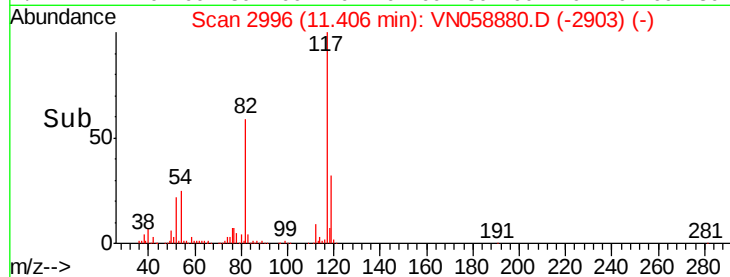
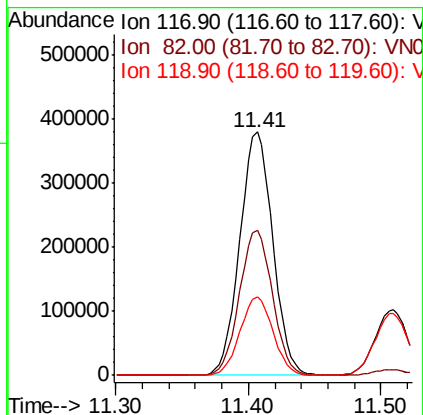
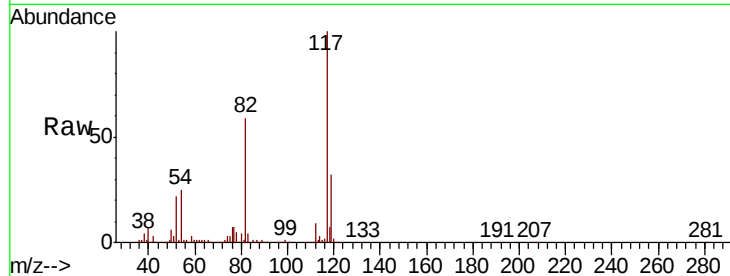




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

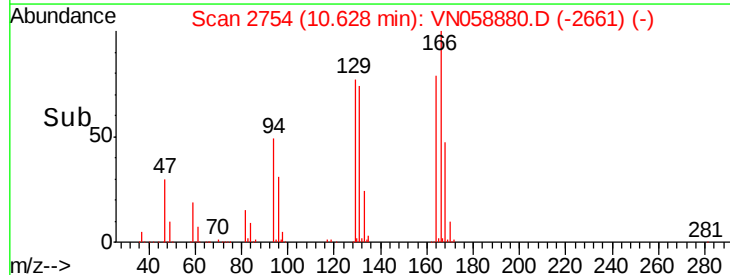
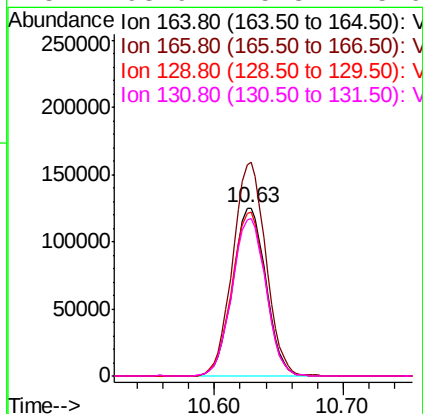
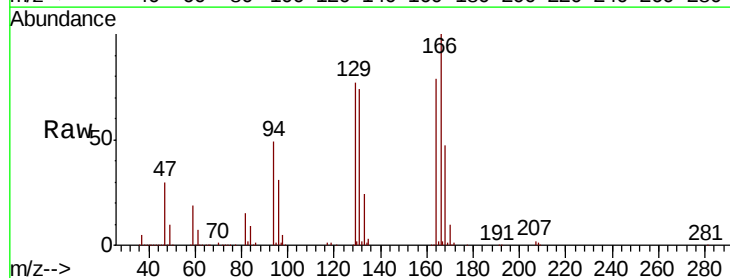
Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

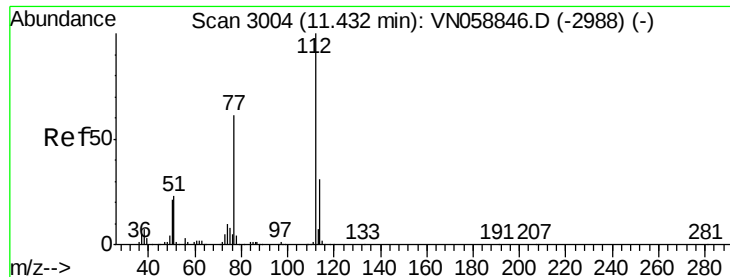
Tot Ion:117 Resp: 656973
Ion Ratio Lower Upper
117 100
82 59.4 46.6 69.8
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 48.850 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion:164 Resp: 224760
Ion Ratio Lower Upper
164 100
166 126.9 104.8 157.2
129 97.2 79.3 118.9
131 93.9 75.8 113.6

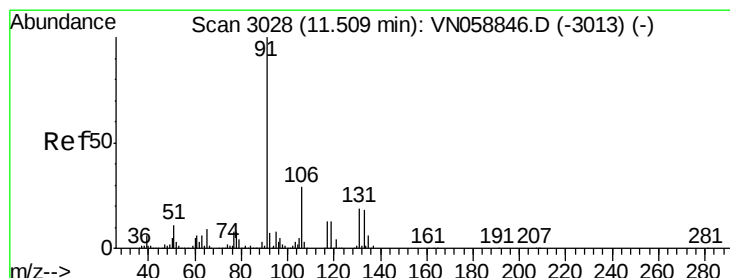
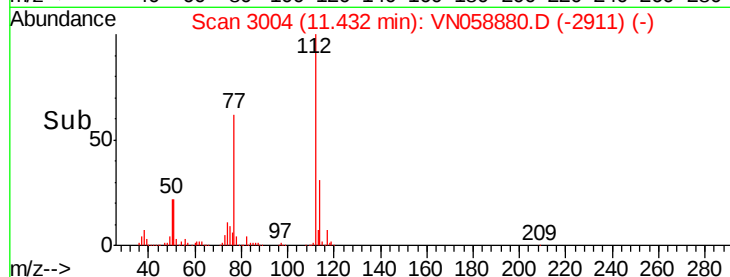
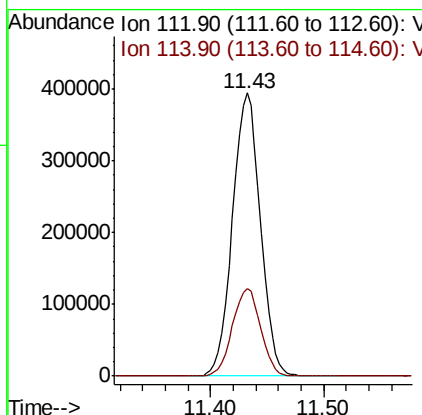
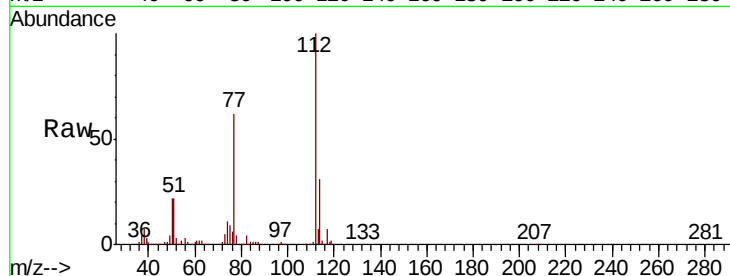




#65
Chlorobenzene
Concen: 50.643 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

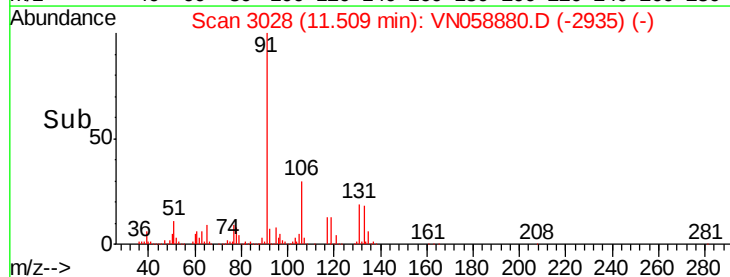
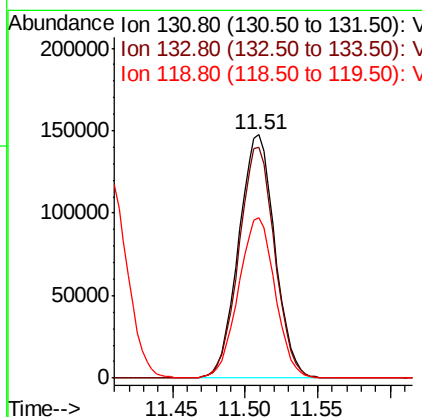
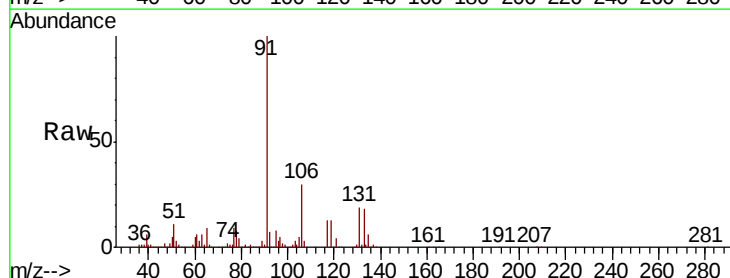
Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

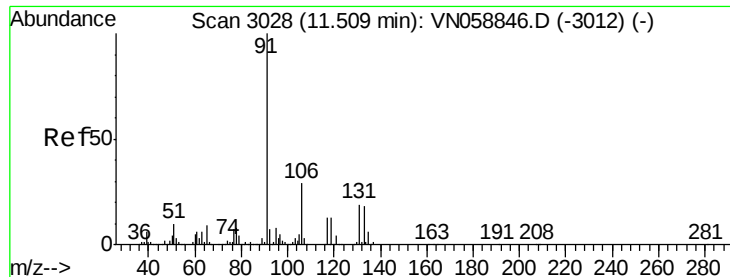
Tot Ion:112 Resp: 677360
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.824 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion:131 Resp: 256519
Ion Ratio Lower Upper
131 100
133 94.1 48.4 145.2
119 66.5 33.6 100.8





#67

Ethyl Benzene

Concen: 53.783 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

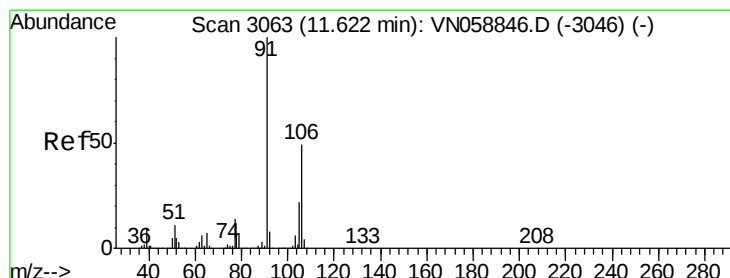
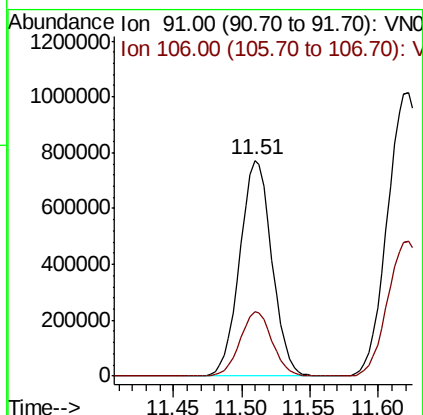
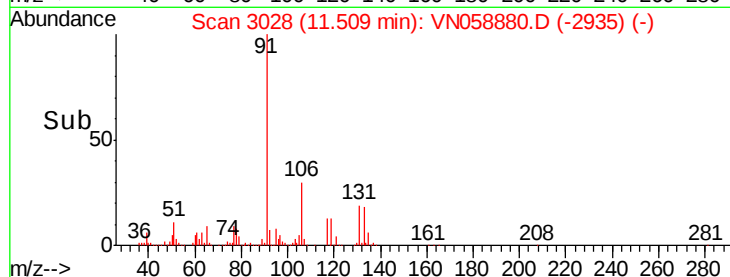
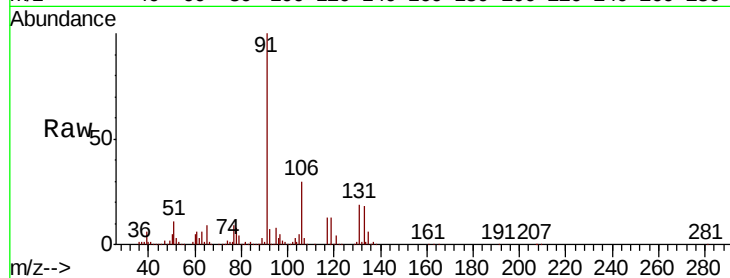
FA19-JBW7326BMS

Tot Ion: 91 Resp: 1261912

Ion Ratio Lower Upper

91 100

106 29.9 23.4 35.0



#68

m/p-Xylenes

Concen: 106.242 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN058880.D

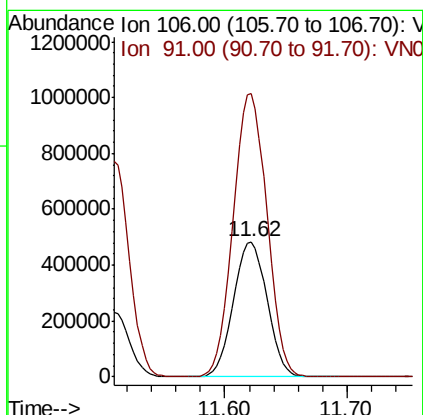
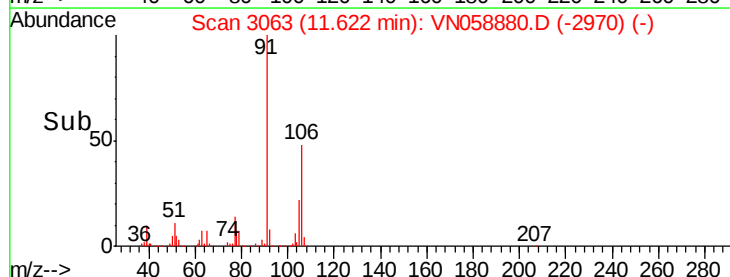
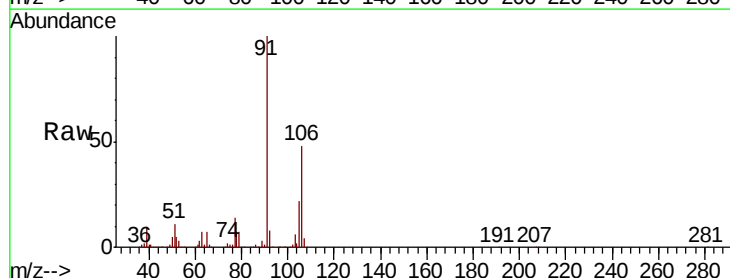
Acq: 21 Oct 2019 12:11

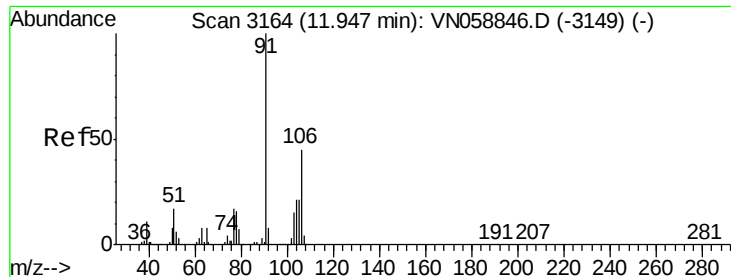
Tgt Ion: 106 Resp: 924428

Ion Ratio Lower Upper

106 100

91 210.1 166.6 249.8

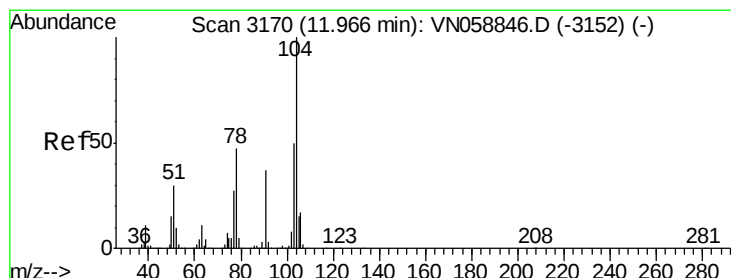
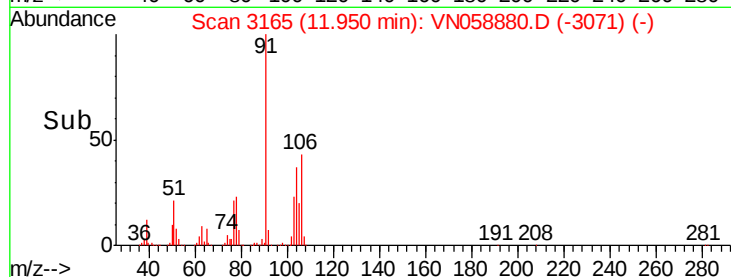
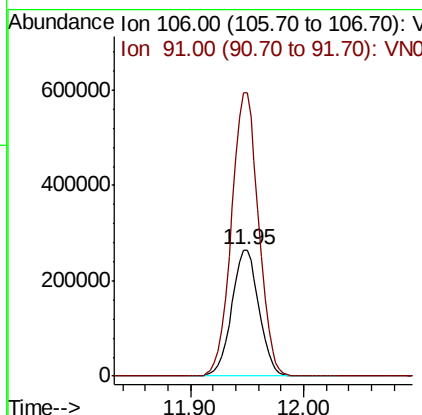
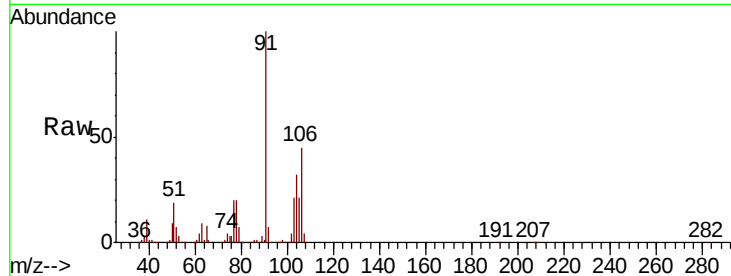




#69
o-Xylene
Concen: 53.194 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

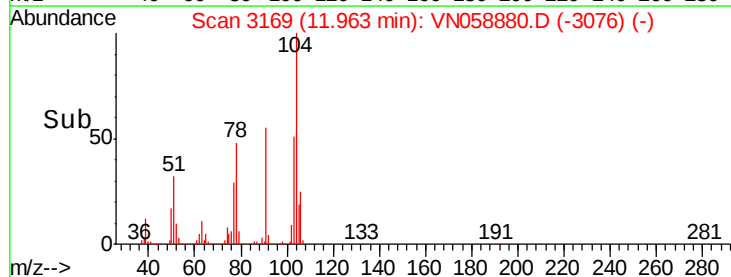
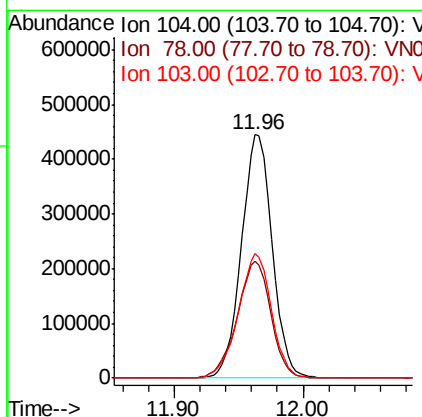
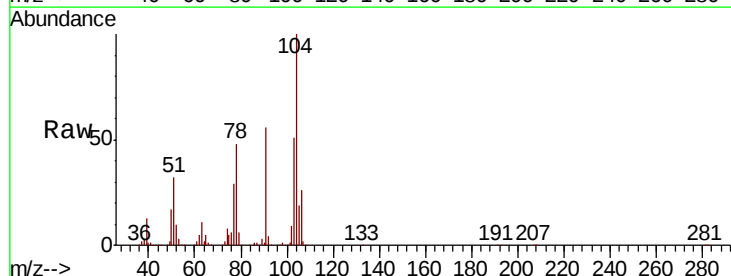
Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

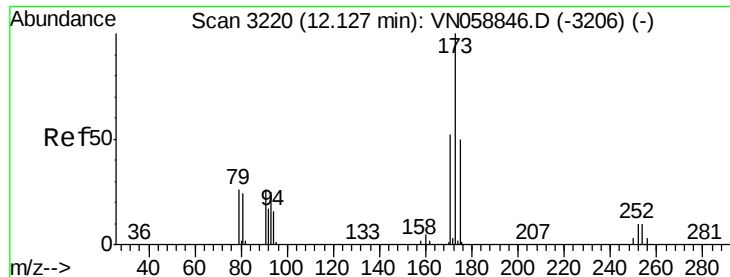
Tot Ion:106 Resp: 441435
Ion Ratio Lower Upper
106 100
91 223.9 111.5 334.4



#70
Styrene
Concen: 48.334 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion:104 Resp: 739477
Ion Ratio Lower Upper
104 100
78 52.6 42.8 64.2
103 55.1 44.3 66.5

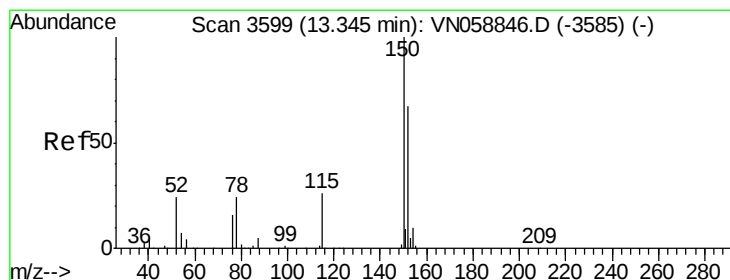
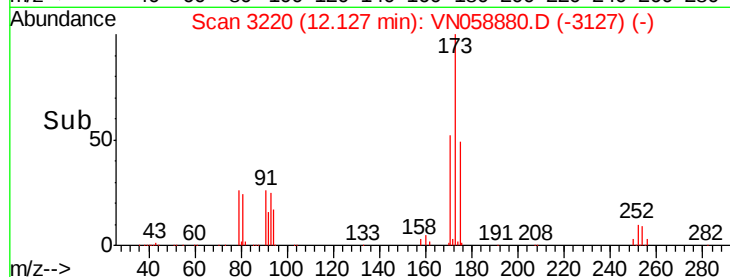
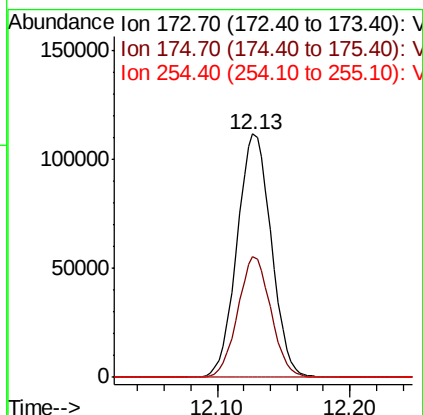
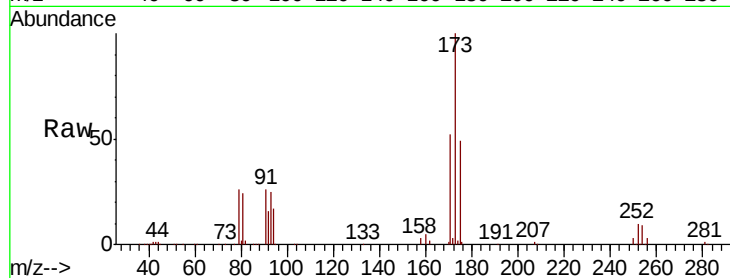




#71
Bromoform
Concen: 51.051 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

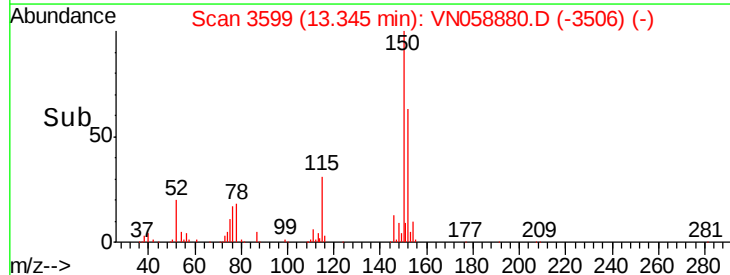
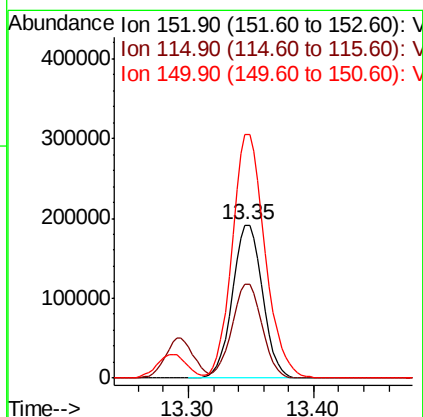
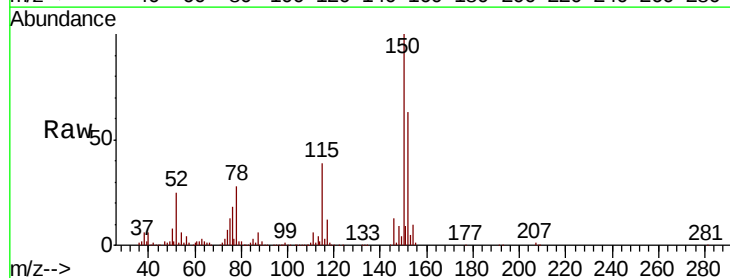
Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

Tot Ion:173 Resp: 199805
Ion Ratio Lower Upper
173 100
175 47.9 24.7 74.1
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion:152 Resp: 319653
Ion Ratio Lower Upper
152 100
115 61.1 30.5 91.5
150 172.6 0.0 344.4





#73

Isopropylbenzene

Concen: 51.988 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

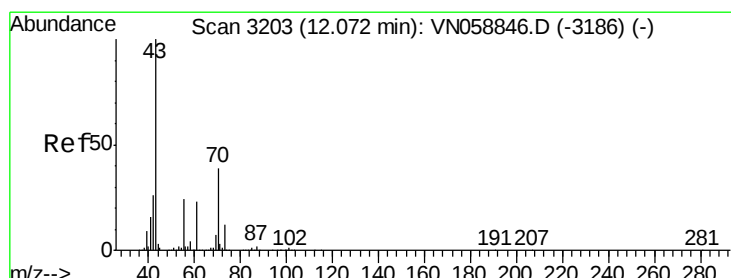
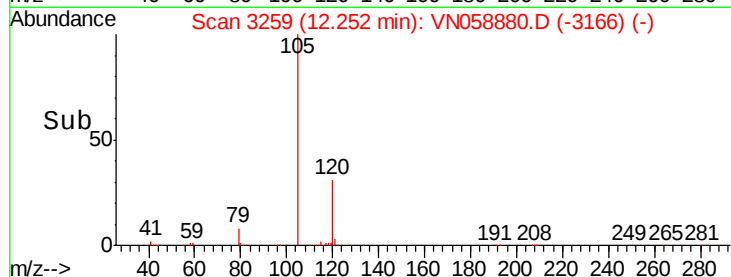
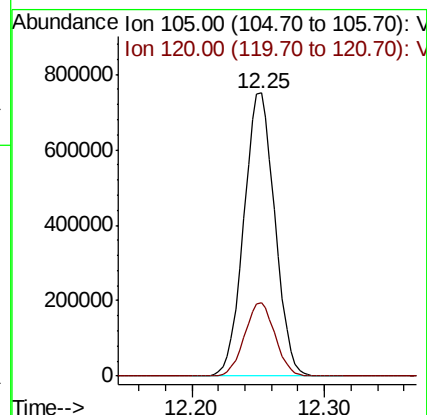
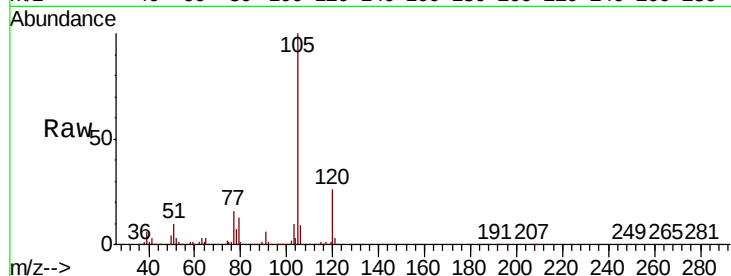
FA19-JBW7326BMS

Tot Ion: 105 Resp: 1214481

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4



#74

N-ethyl acetate

Concen: 53.859 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Tgt Ion: 43 Resp: 570406

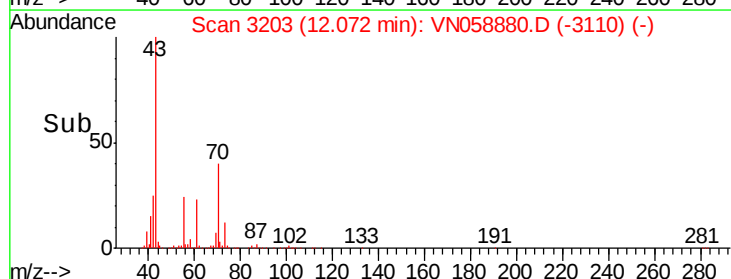
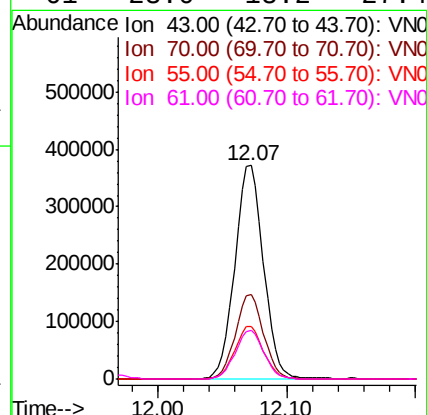
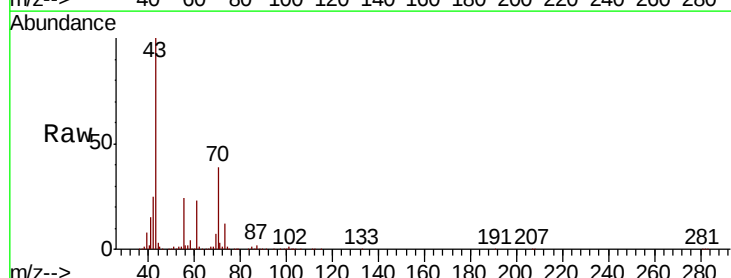
Ion Ratio Lower Upper

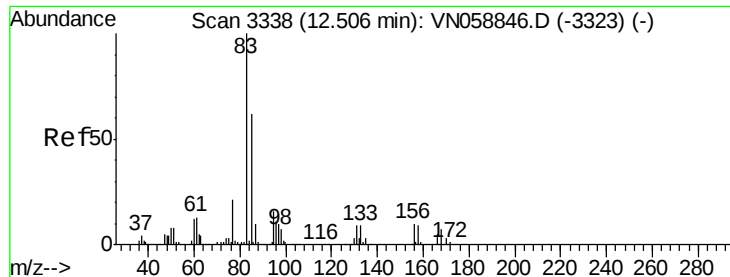
43 100

70 38.9 30.9 46.3

55 24.8 19.7 29.5

61 23.0 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.791 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

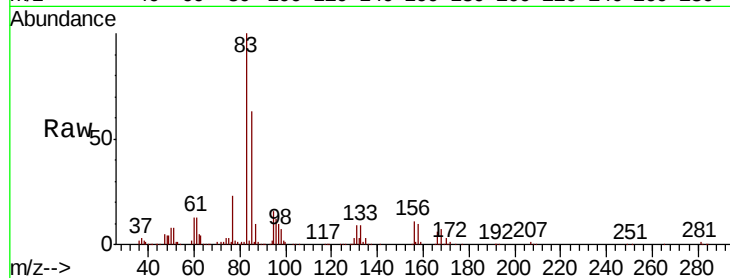
Tot Ion: 83 Resp: 400770

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

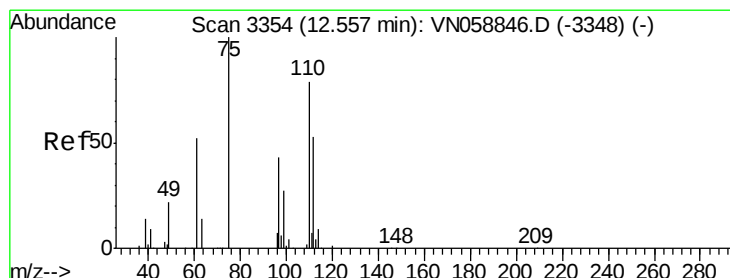
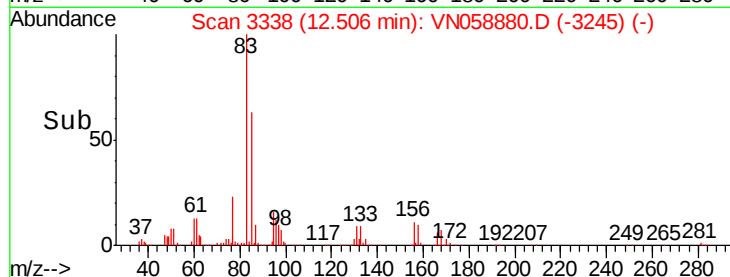
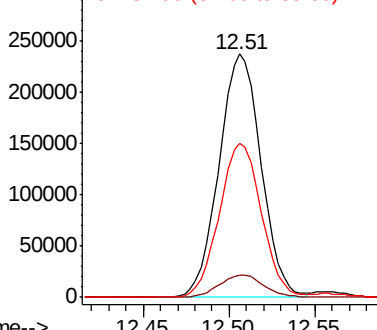
85 63.6 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 73.483 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN058880.D

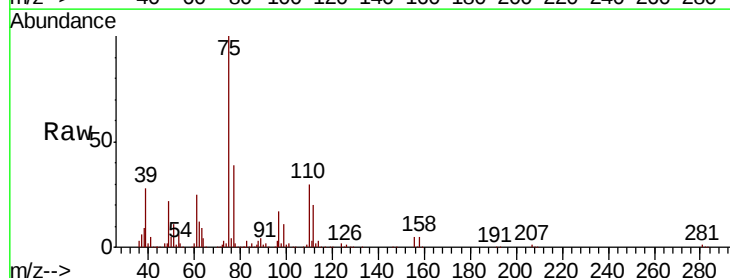
Acq: 21 Oct 2019 12:11

Tgt Ion: 75 Resp: 544388

Ion Ratio Lower Upper

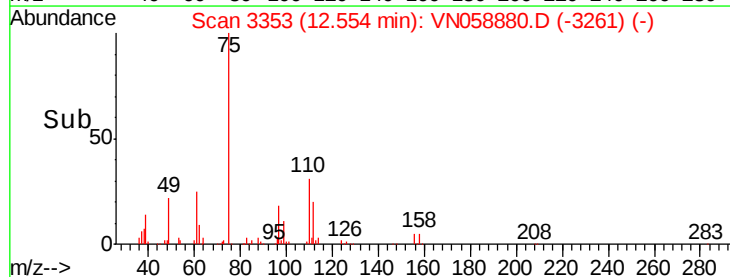
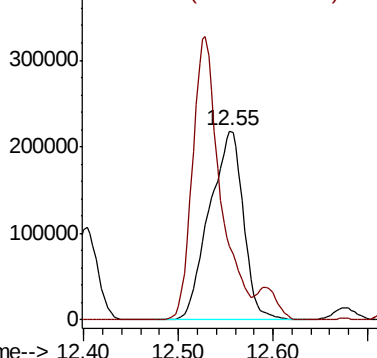
75 100

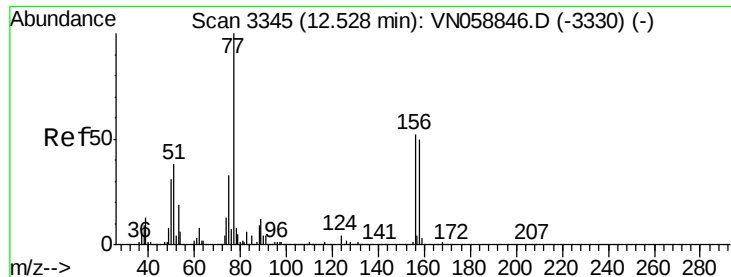
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.061 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

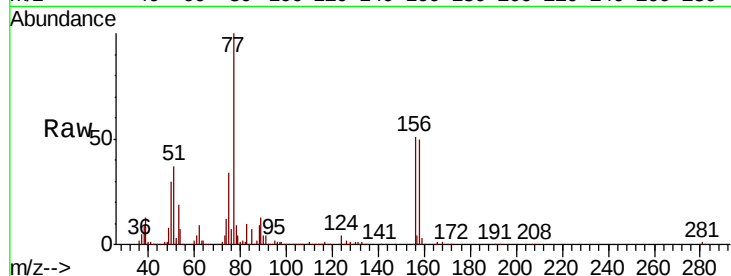
Tot Ion:156 Resp: 282493

Ion Ratio Lower Upper

156 100

77 236.4 118.0 354.0

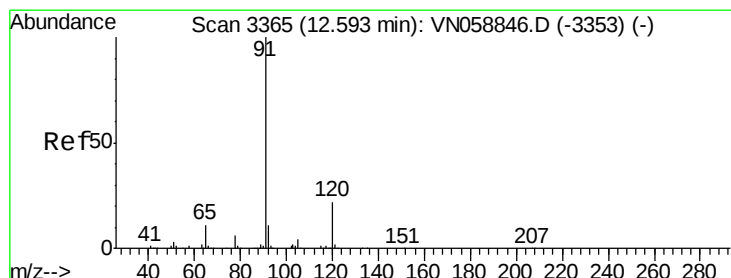
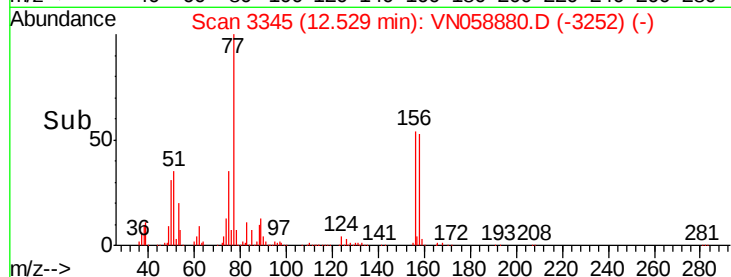
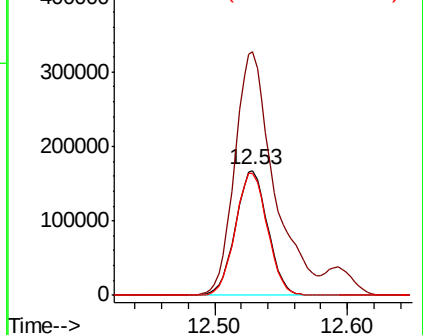
158 97.8 48.3 144.8



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: 51.928 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN058880.D

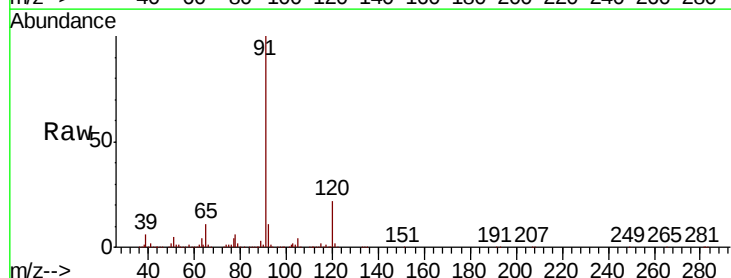
Acq: 21 Oct 2019 12:11

Tgt Ion: 91 Resp: 1433912

Ion Ratio Lower Upper

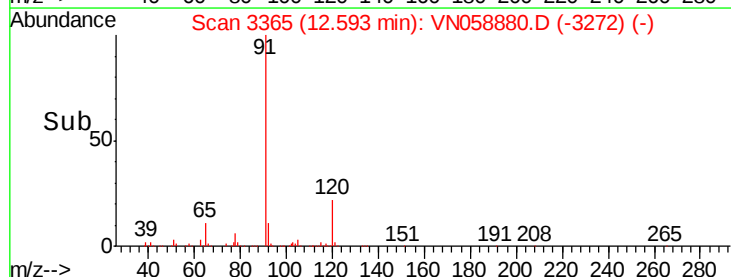
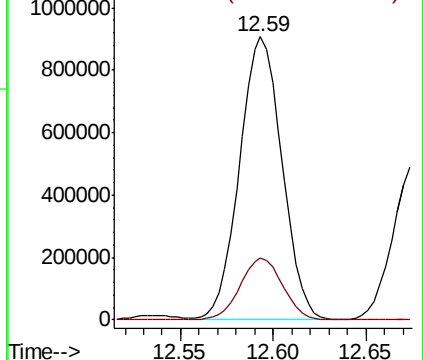
91 100

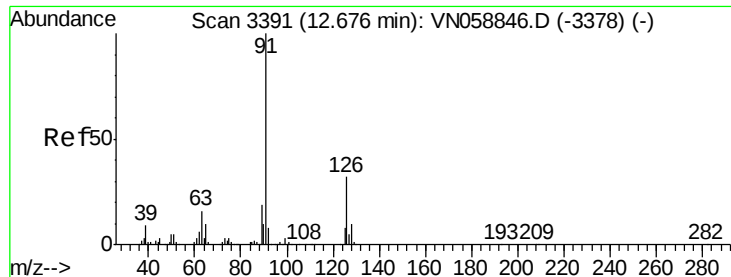
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.892 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

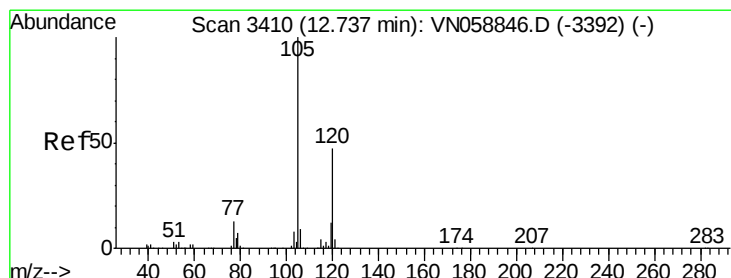
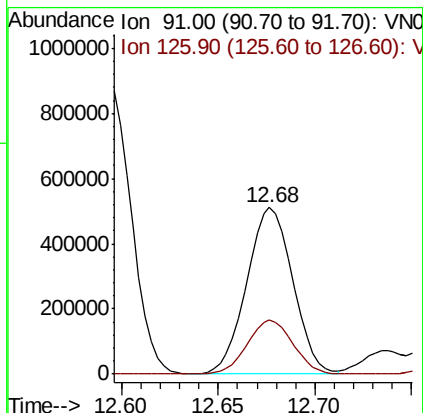
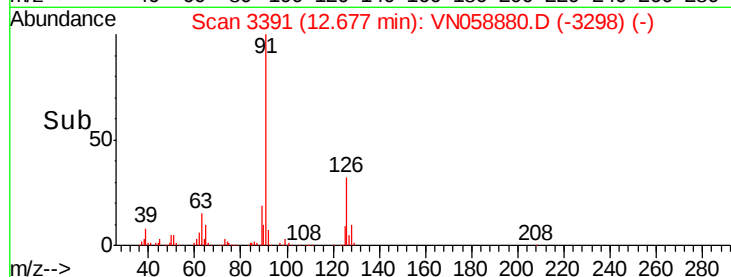
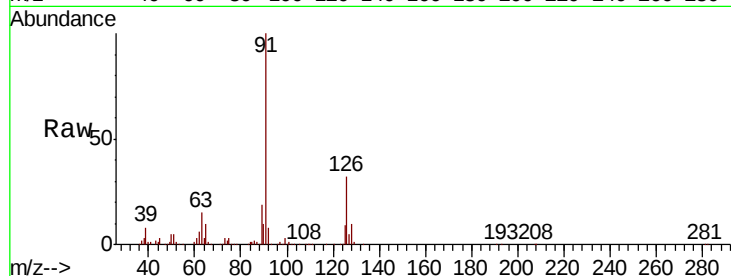
FA19-JBW7326BMS

Tot Ion: 91 Resp: 843193

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 52.817 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058880.D

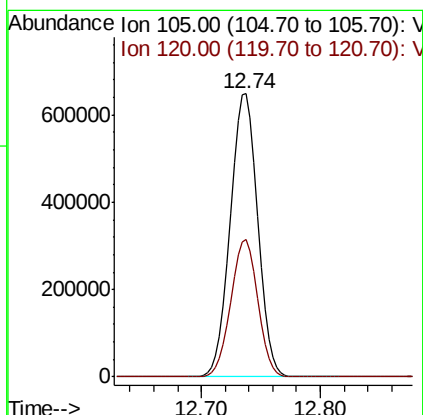
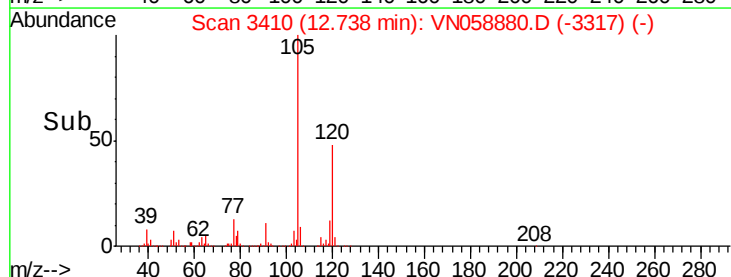
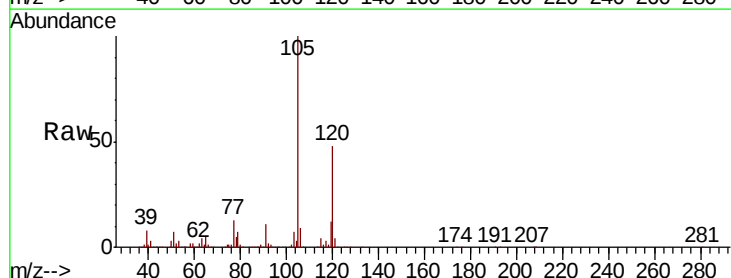
Acq: 21 Oct 2019 12:11

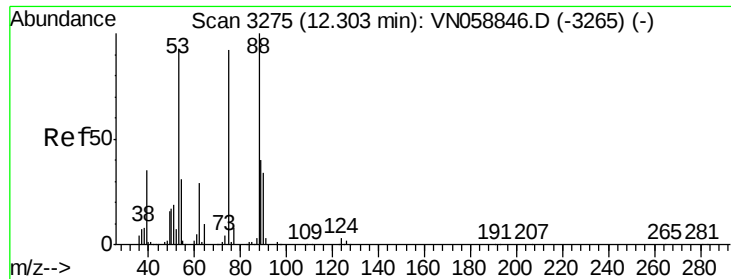
Tgt Ion:105 Resp: 1036649

Ion Ratio Lower Upper

105 100

120 47.9 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 49.786 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

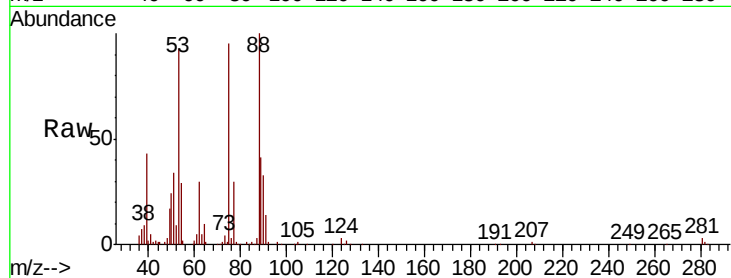
Tot Ion: 75 Resp: 141581

Ion Ratio Lower Upper

75 100

53 99.9 78.6 118.0

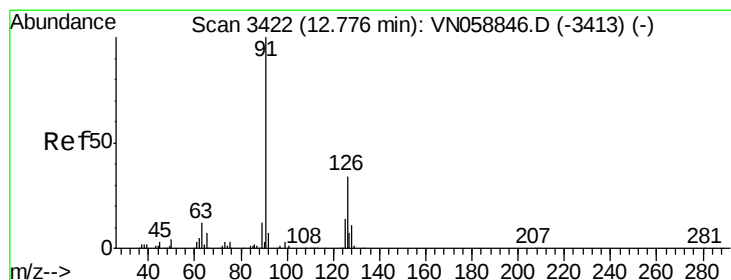
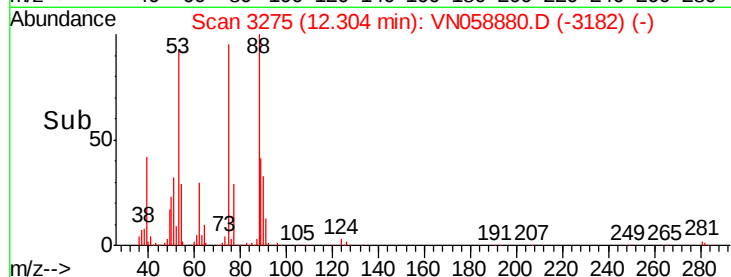
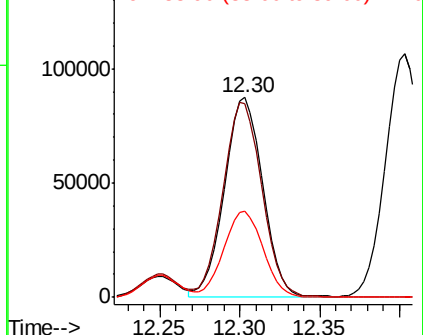
89 45.0 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.561 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN058880.D

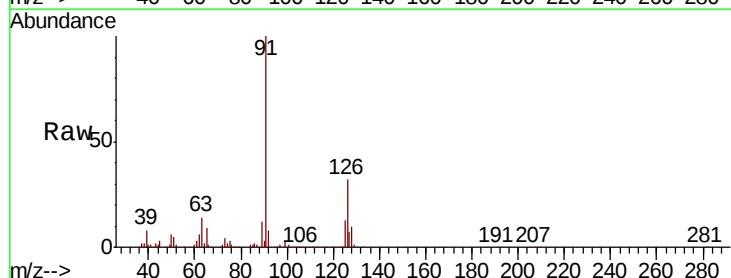
Acq: 21 Oct 2019 12:11

Tgt Ion: 91 Resp: 873233

Ion Ratio Lower Upper

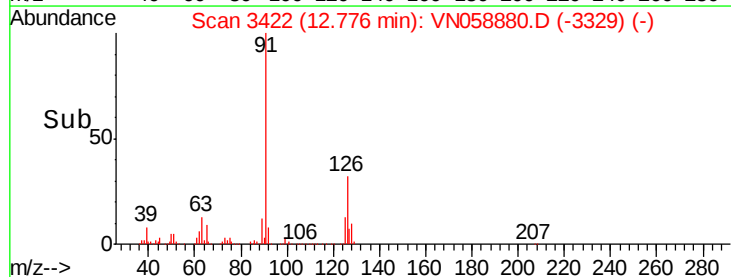
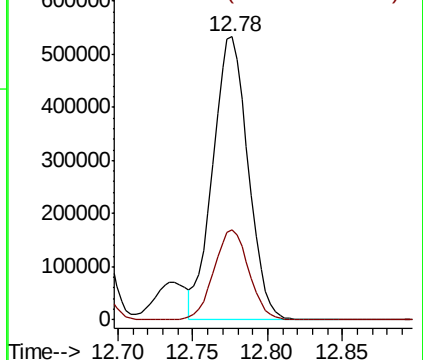
91 100

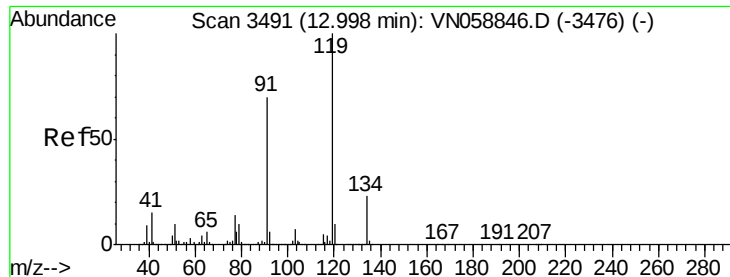
126 31.6 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

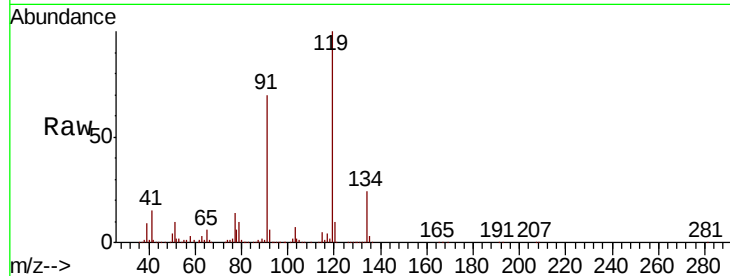




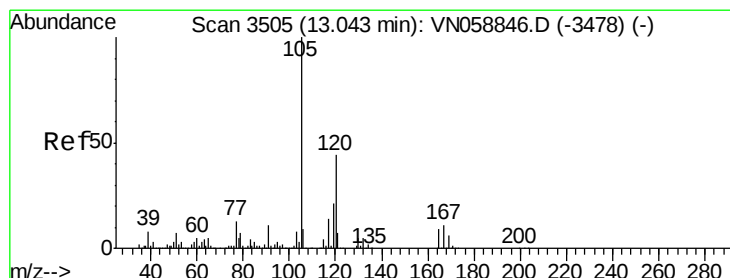
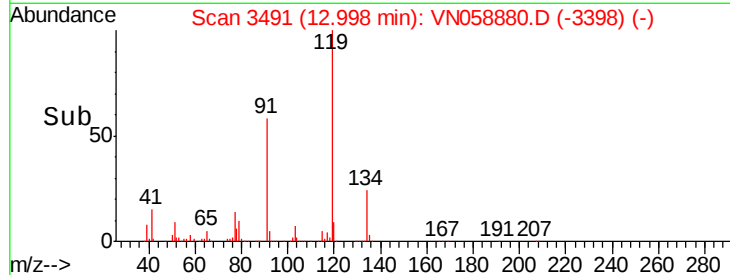
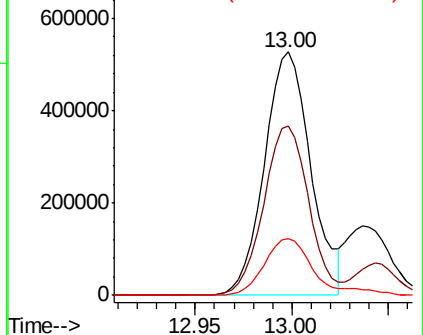
#83
tert-Butylbenzene
Concen: 52.394 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326BMS

Tot Ion:119 Resp: 879378
Ion Ratio Lower Upper
119 100
91 67.4 34.1 102.3
134 25.2 11.6 34.8

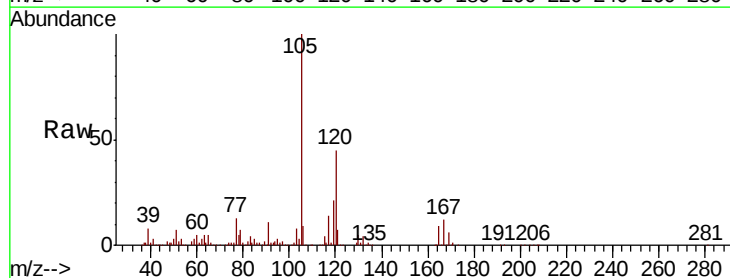


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

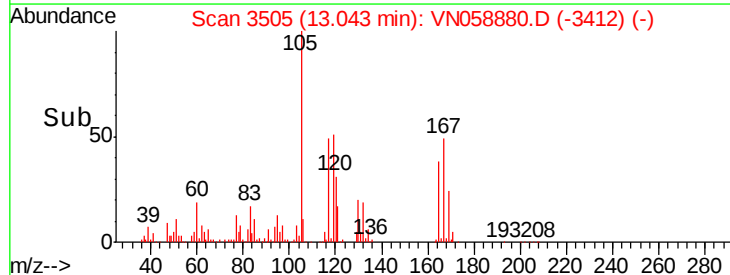
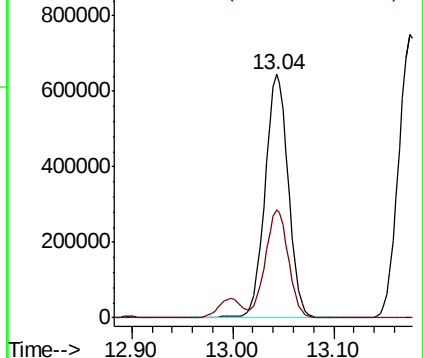


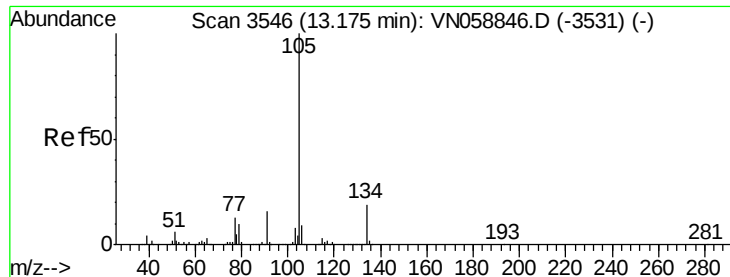
#84
1,2,4-Trimethylbenzene
Concen: 53.356 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN058880.D
Acq: 21 Oct 2019 12:11

Tgt Ion:105 Resp: 1032925
Ion Ratio Lower Upper
105 100
120 44.3 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: 52.642 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

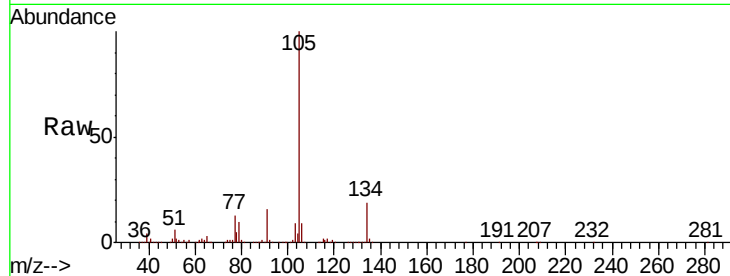
FA19-JBW7326BMS

Tot Ion:105 Resp: 1177965

Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

800000

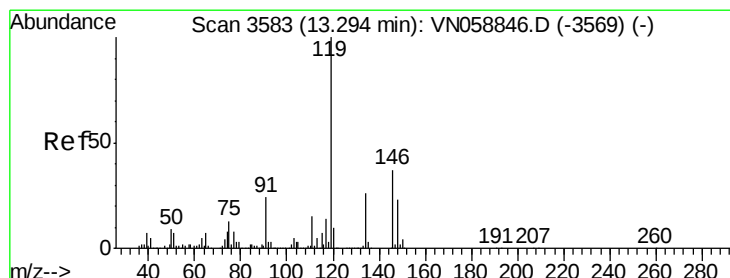
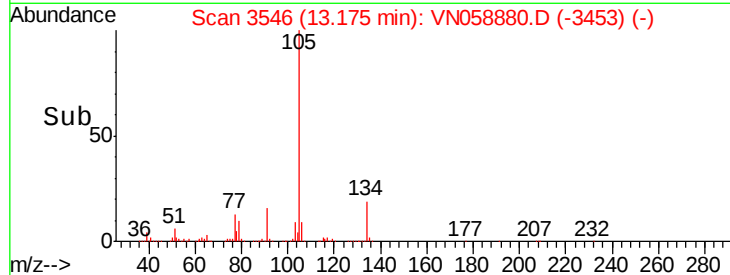
600000

400000

200000

0

Time--> 13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 54.080 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

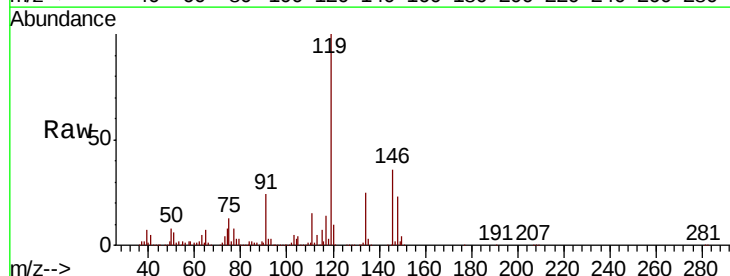
Tgt Ion:119 Resp: 1067776

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 24.5 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

800000

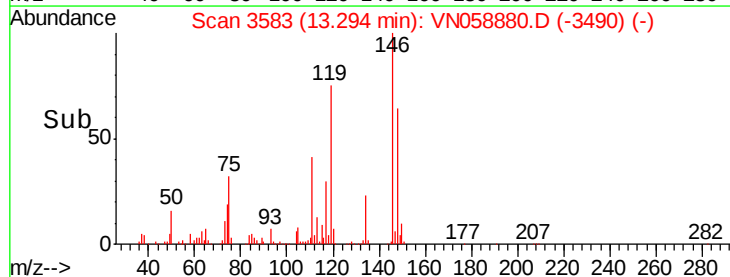
600000

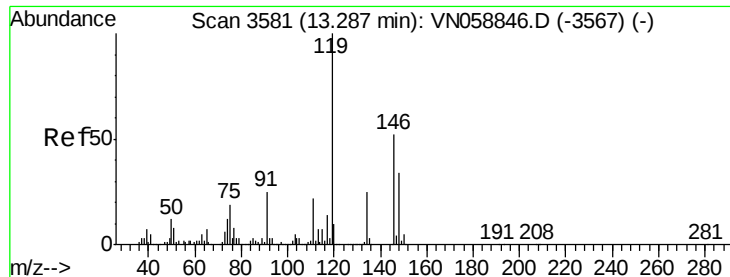
400000

200000

0

Time--> 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 49.561 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

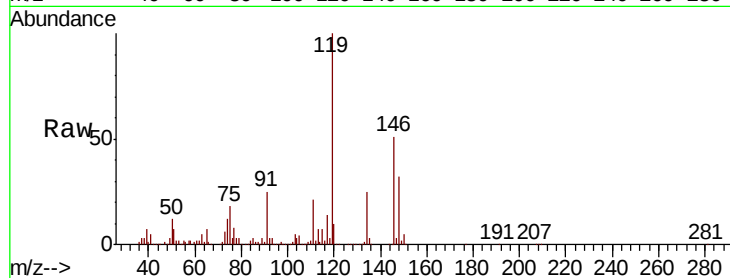
Tot Ion:146 Resp: 510265

Ion Ratio Lower Upper

146 100

111 41.4 21.0 63.0

148 63.6 32.1 96.3

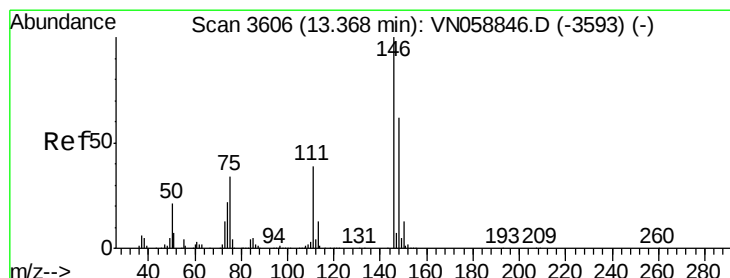
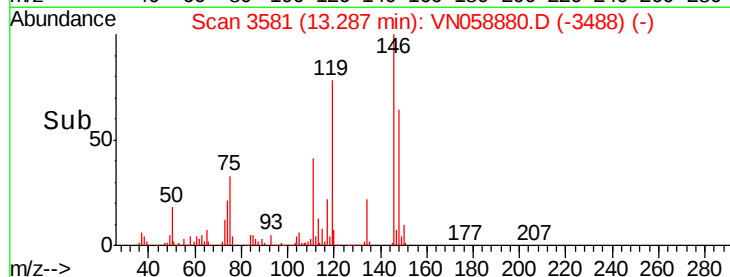
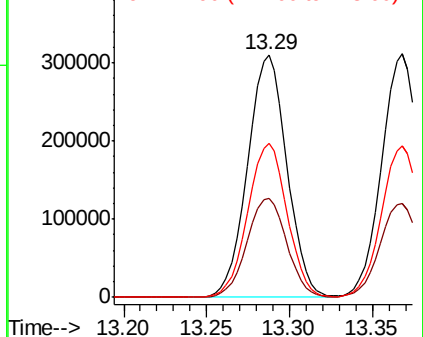


Abundance

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: 48.672 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

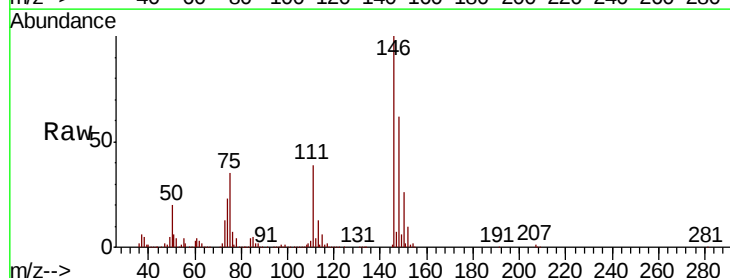
Tgt Ion:146 Resp: 501706

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.6

148 63.2 31.6 94.7

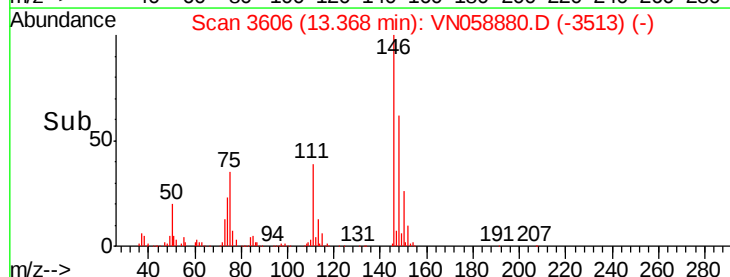
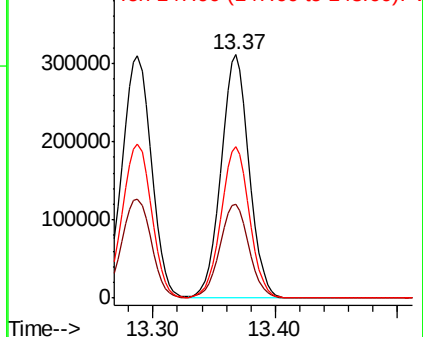


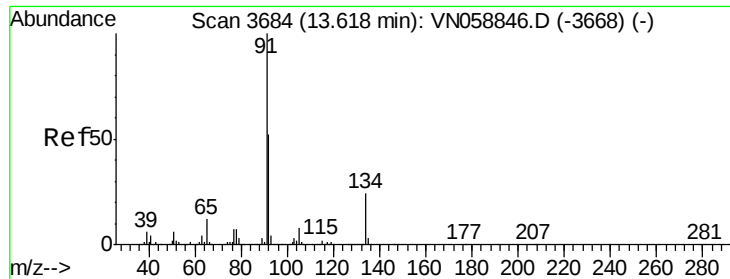
Abundance

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: 51.594 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

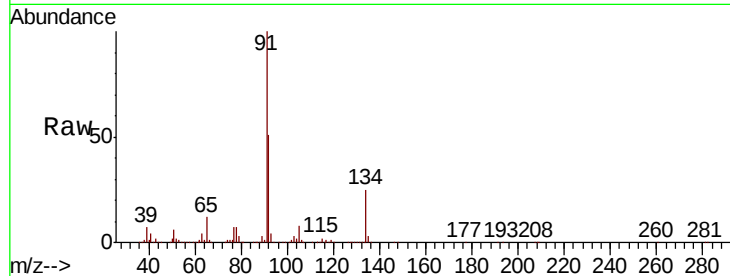
Tot Ion: 91 Resp: 935794

Ion Ratio Lower Upper

91 100

92 51.4 25.7 77.1

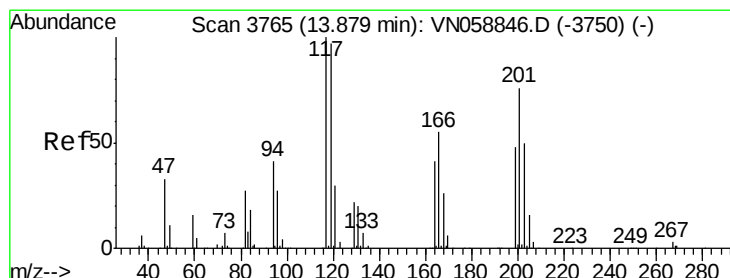
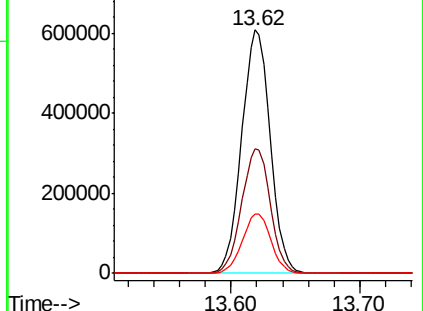
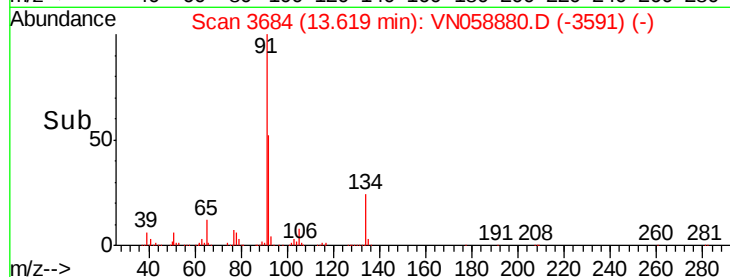
134 24.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN058880.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN058880.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN058880.D (-3668) (-)



#90

Hexachloroethane

Concen: 49.661 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN058880.D

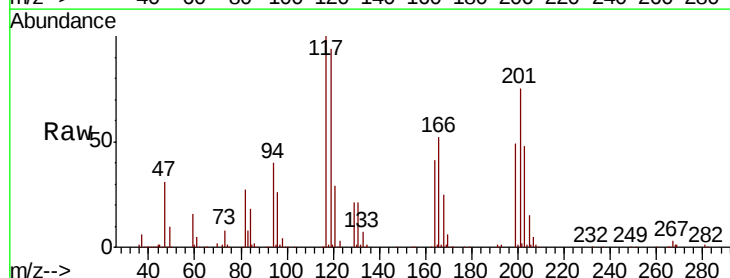
Acq: 21 Oct 2019 12:11

Tgt Ion: 117 Resp: 198691

Ion Ratio Lower Upper

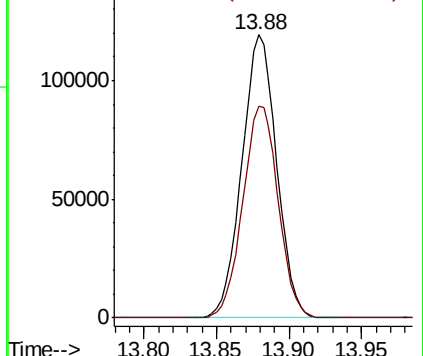
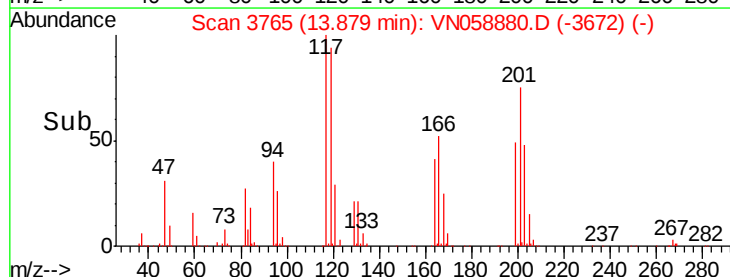
117 100

201 76.3 38.9 116.6



Abundance Ion 116.80 (116.50 to 117.50): VN058880.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN058880.D (-3750) (-)

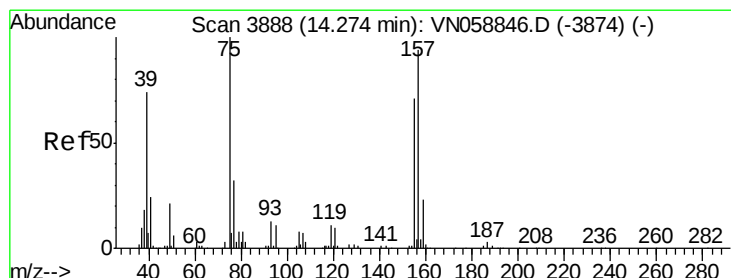
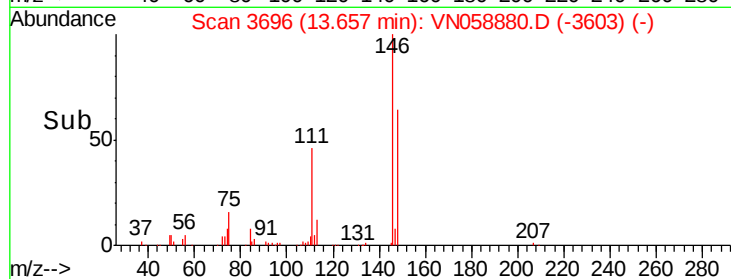
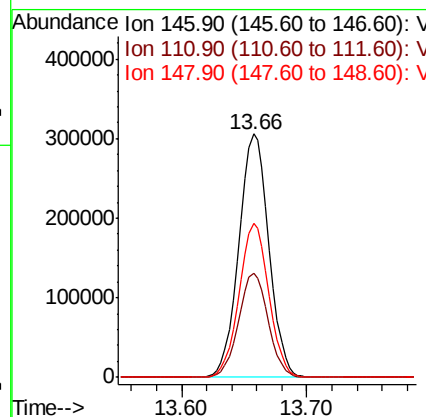
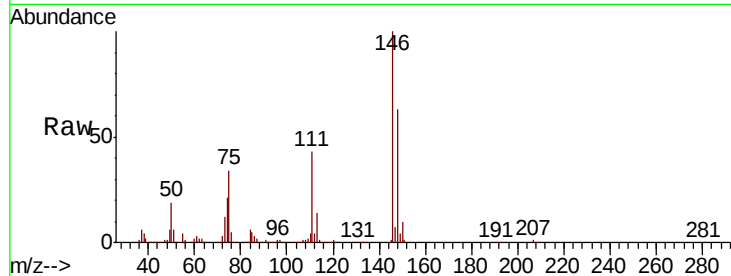




#91
 1,2-Dichlorobenzene
 Concen: 50.094 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

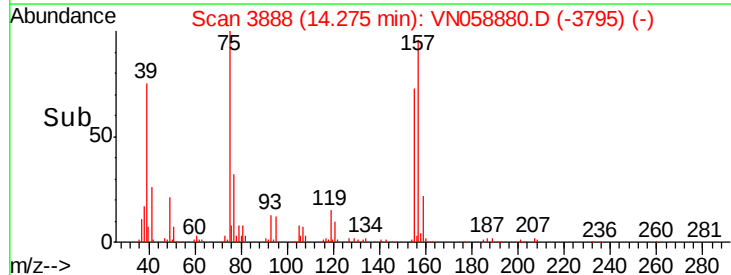
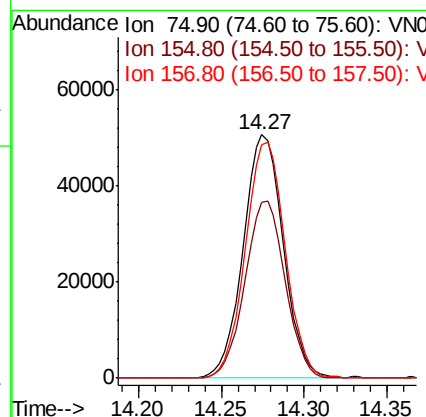
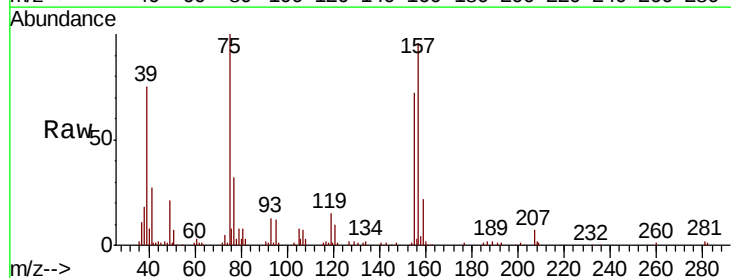
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7326BMS

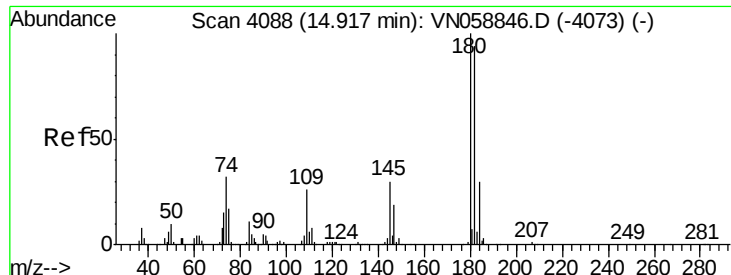
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.6	64.8
148	62.6	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.380 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.6	35.6	106.8
157	97.1	47.4	142.2

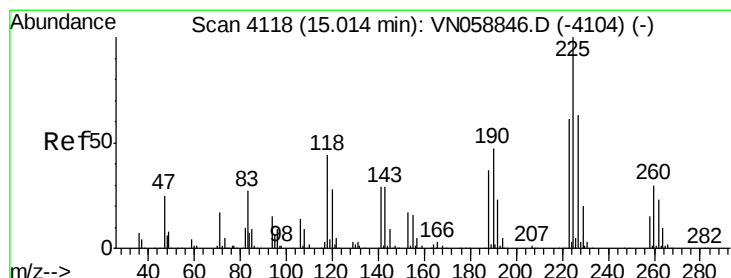
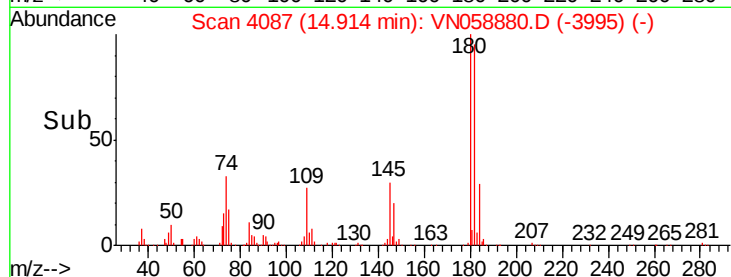
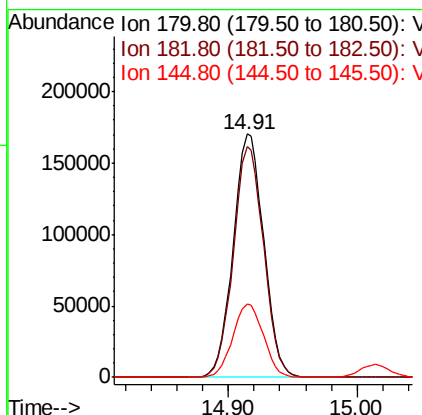
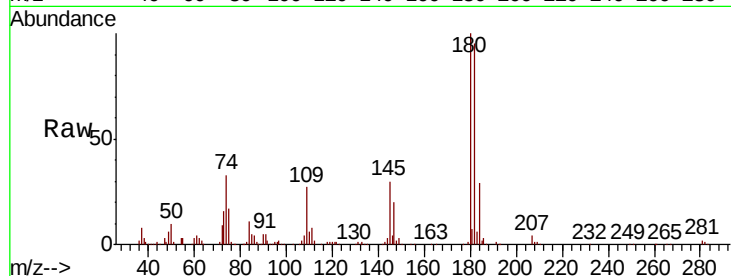




#93
 1,2,4-Trichlorobenzene
 Concen: 44.189 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

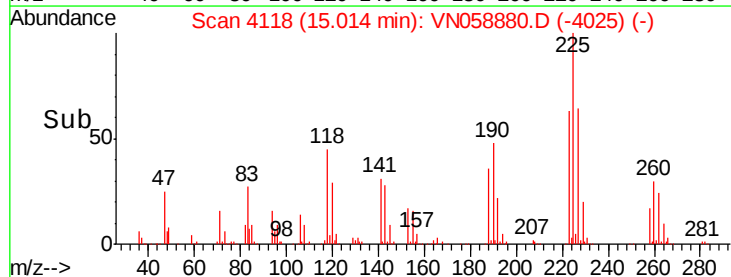
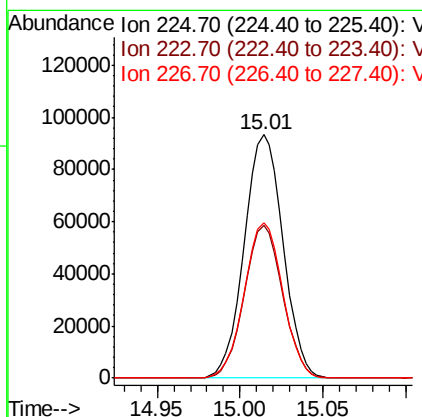
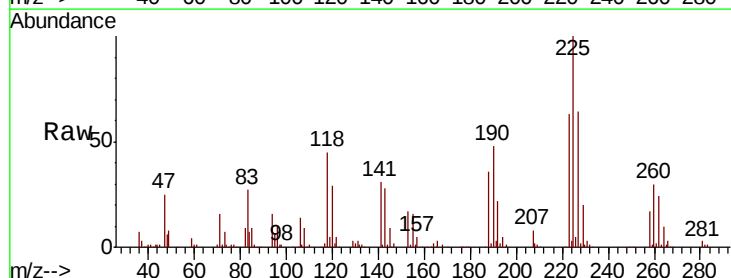
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7326BMS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	142.0
145	30.4	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 46.314 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN058880.D
 Acq: 21 Oct 2019 12:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.9	92.5
227	63.3	31.6	94.7





#95

Naphthalene

Concen: 43.136 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326BMS

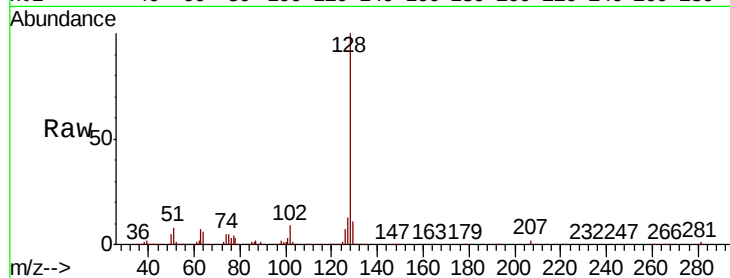
Tot Ion:128 Resp: 783936

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

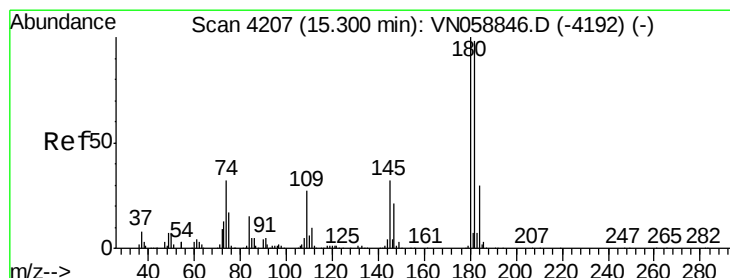
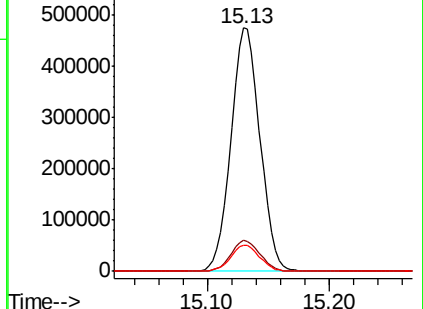
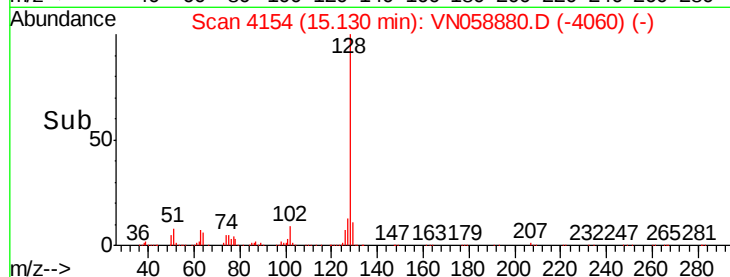
129 10.8 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 43.386 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058880.D

Acq: 21 Oct 2019 12:11

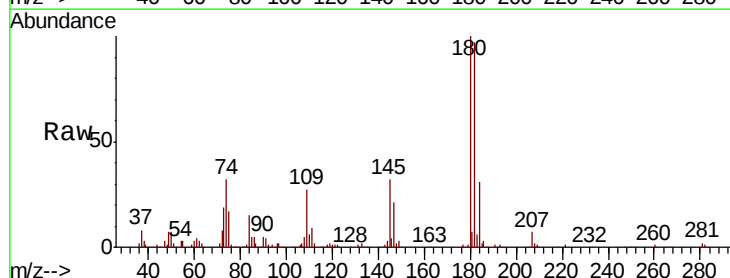
Tgt Ion:180 Resp: 267005

Ion Ratio Lower Upper

180 100

182 97.3 47.9 143.7

145 32.8 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

