

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
 Data File : VN057206.D
 Acq On : 12 Aug 2019 10:58
 Operator : JC/SP
 Sample : VN0812WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Quant Time: Aug 13 01:39:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.59	128	160402	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.01	114	869943	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.91	117	755440	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.44	65	311920	29.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.43%
60) 4-Bromofluorobenzene	11.92	95	317555	28.23	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.10%
63) Toluene-d8	9.56	98	1060936	30.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.82	85	186114	21.272	ug/l 99
3) Chloromethane	2.00	50	203522	20.082	ug/l 100
4) Vinyl Chloride	2.11	62	202341	19.625	ug/l 98
5) Bromomethane	2.44	94	147215	20.044	ug/l 99
6) Chloroethane	2.55	64	134572	20.128	ug/l 95
7) Trichlorofluoromethane	2.83	101	314052	20.428	ug/l 98
8) Diethyl Ether	3.14	74	113058	19.731	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.44	101	189232	20.349	ug/l 99
10) 1,1-Dichloroethene	3.44	96	180990	19.685	ug/l 99
11) Methyl Iodide	3.63	142	281081	19.592	ug/l 99
12) Methyl Acetate	3.89	43	195415	20.403	ug/l 96
13) Acrolein	3.31	56	97493	92.299	ug/l 100
14) Acrylonitrile	4.45	53	396185	99.145	ug/l 99
15) Acetone	3.48	58	113612	85.667	ug/l 80
16) Carbon Disulfide	3.72	76	473884	19.105	ug/l 99
17) Allyl chloride	3.91	41	273256	20.159	ug/l 97
18) Methylene Chloride	4.10	84	205276	19.693	ug/l 99
19) trans-1,2-Dichloroethene	4.51	96	194389	19.721	ug/l 100
20) Diisopropyl ether	5.32	45	561182	20.300	ug/l 95
21) 1,1-Dichloroethane	5.25	63	347535	20.185	ug/l 99
22) cis-1,2-Dichloroethene	6.21	96	225209	20.074	ug/l 100
23) tert-Butyl Alcohol	4.23	59	120078	91.063	ug/l # 100
24) Methyl tert-Butyl Ether	4.49	73	544312	20.132	ug/l 100
25) Chloroform	6.76	83	353346	19.958	ug/l 96
26) Cyclohexane	7.07	56	289546	19.672	ug/l # 96
29) 1,1-Dichloropropene	7.20	75	259921	19.868	ug/l 100
30) 2-Butanone	6.20	43	488564	94.856	ug/l # 97
31) 2,2-Dichloropropane	6.21	77	277806	19.861	ug/l # 77
32) 1,1,1-Trichloroethane	6.98	97	306094	20.203	ug/l 99
33) Carbon Tetrachloride	7.18	117	270413	20.050	ug/l 96
34) Benzene	7.46	78	808593	20.248	ug/l 98
35) Methacrylonitrile	6.54	41	109486	21.033	ug/l 92
36) 1,2-Dichloroethane	7.54	62	258385	20.253	ug/l 99
37) Trichloroethene	8.27	130	230305	20.295	ug/l 98
38) Methylcyclohexane	8.52	83	316843	20.295	ug/l 98
39) 1,2-Dichloropropane	8.56	63	209089	20.313	ug/l 96
40) Dibromomethane	8.65	93	136379	20.580	ug/l 100

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VN0812WBS01

Quant Time: Aug 13 01:39:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	8.85	83	265012	20.112	ug/l	100
42) Vinyl Acetate	5.27	43	2181813	101.896	ug/l	100
43) Ethyl Acetate	6.29	43	178516	18.793	ug/l	95
44) Isopropyl Acetate	7.56	43	374887	21.736	ug/l	100
45) 1,4-Dioxane	8.64	88	61946	384.872	ug/l	97
46) Methyl methacrylate	8.64	41	159185	20.243	ug/l	99
47) n-amyl Acetate	11.59	43	236216	18.616	ug/l	99
48) t-1,3-Dichloropropene	9.86	75	282370	20.097	ug/l	99
49) cis-1,3-Dichloropropene	9.30	75	322975	20.278	ug/l	96
50) 1,1,2-Trichloroethane	10.04	97	197551	20.858	ug/l	97
51) Ethyl methacrylate	9.90	69	272118	20.359	ug/l	95
52) 1,3-Dichloropropane	10.19	76	322207	20.410	ug/l	97
53) Dibromochloromethane	10.39	129	217797	20.408	ug/l	98
54) 1,2-Dibromoethane	10.50	107	205538	20.789	ug/l	97
55) 2-Chloroethyl vinyl ether	9.15	63	327270	86.719	ug/l	100
56) Bromoform	11.64	173	154529	19.594	ug/l	99
58) 4-Methyl-2-Pentanone	9.44	43	1007807	103.847	ug/l	99
59) 2-Hexanone	10.24	43	681520	97.679	ug/l	98
61) Tetrachloroethene	10.11	164	239427	20.650	ug/l	98
62) Toluene	9.63	91	871700	20.272	ug/l	100
64) Chlorobenzene	10.93	112	534587	20.213	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.01	131	204574	20.171	ug/l	99
66) Ethyl Benzene	11.01	91	929014	20.155	ug/l	98
67) m/p-Xylenes	11.13	106	697023	40.100	ug/l	99
68) o-Xylene	11.46	106	338716	20.071	ug/l	100
69) Styrene	11.47	104	528549	19.532	ug/l	100
70) Isopropylbenzene	11.77	105	906733	19.957	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.02	83	255109	20.501	ug/l	99
72) 1,2,3-Trichloropropane	12.08	75	299593	27.508	ug/l	63
73) Bromobenzene	12.05	156	228786	19.419	ug/l	98
74) n-propylbenzene	12.11	91	902387	18.919	ug/l	99
75) 2-Chlorotoluene	12.20	91	579705	19.650	ug/l	99
76) 1,3,5-Trimethylbenzene	12.26	105	755302	19.743	ug/l	87
77) t-1,4-Dichloro-2-butene	11.82	75	69886	19.067	ug/l	95
78) 4-Chlorotoluene	12.30	91	507733	18.531	ug/l	100
79) tert-butylbenzene	12.52	119	673092	19.962	ug/l	99
80) 1,2,4-Trimethylbenzene	12.57	105	700248	19.409	ug/l	99
81) sec-Butylbenzene	12.70	105	809772	19.047	ug/l	99
82) p-Isopropyltoluene	12.82	119	697744	18.431	ug/l	100
83) 1,3-Dichlorobenzene	12.81	146	322828	17.996	ug/l	98
84) 1,4-Dichlorobenzene	12.90	146	292871	17.551	ug/l	99
85) n-Butylbenzene	13.15	91	496074	18.123	ug/l	98
86) Hexachloroethane	13.41	117	132630	19.268	ug/l	98
87) 1,2-Dichlorobenzene	13.19	146	330017	18.550	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.81	75	32845	18.812	ug/l	87
89) 1,2,4-Trichlorobenzene	14.45	180	83930	16.892	ug/l	99
90) Hexachlorobutadiene	14.55	225	145743	19.002	ug/l	98
91) Naphthalene	14.67	128	155194	11.492	ug/l	99
92) 1,2,3-Trichlorobenzene	14.84	180	90187	17.836	ug/l	97

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MSVOA_N
ClientSampleId :
VN0812WBS01

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sun Aug 11 03:53:25 2019
Response via : Initial Calibration

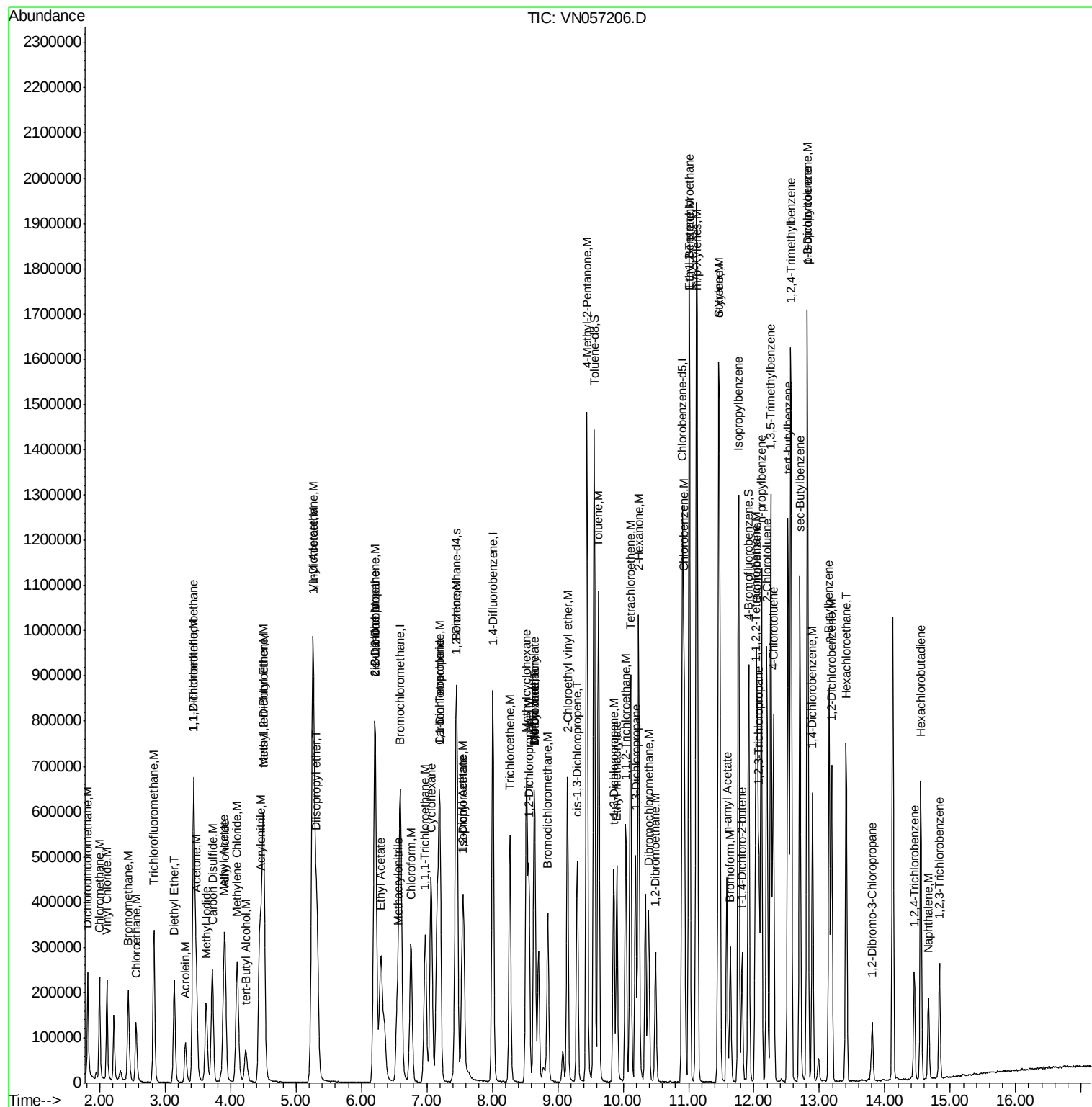
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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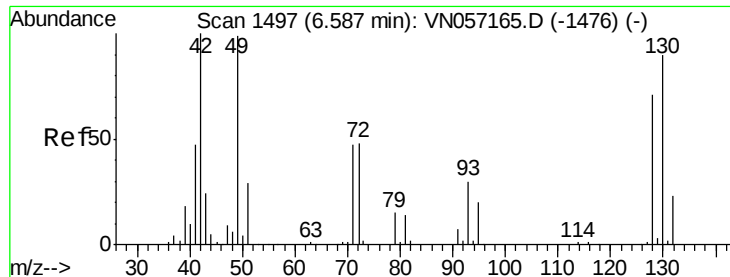
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
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Acq On : 12 Aug 2019 10:58
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
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VN0812WBS01

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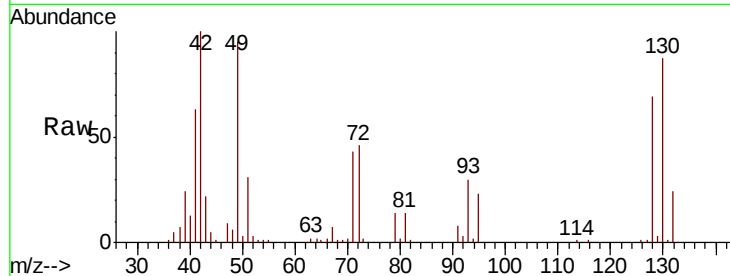




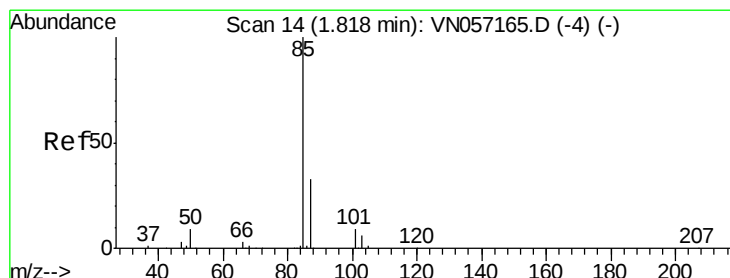
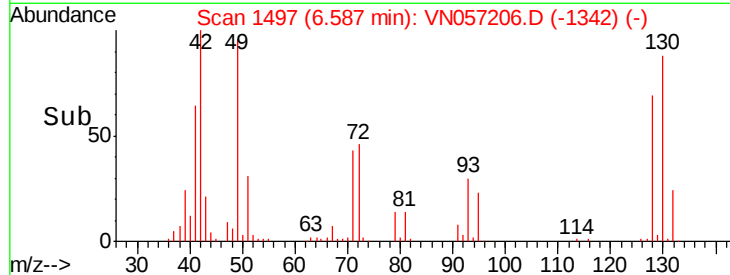
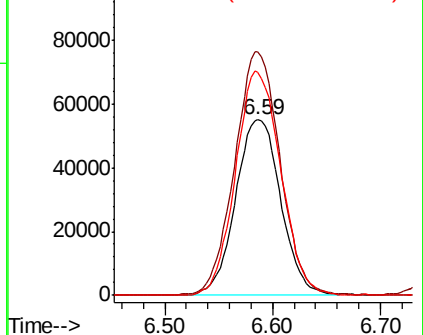
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 6.59 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0812WBS01

Tgt Ion:128 Resp: 160402
 Ion Ratio Lower Upper
 128 100
 49 139.6 0.0 361.0
 130 128.0 0.0 329.5

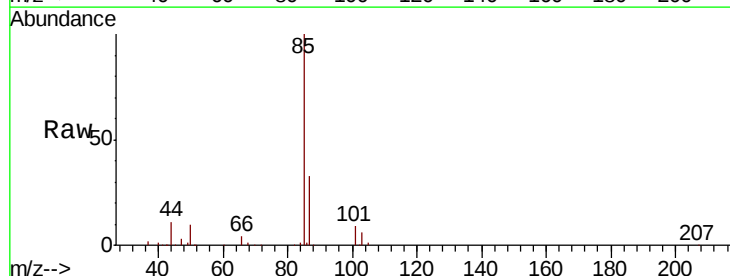


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

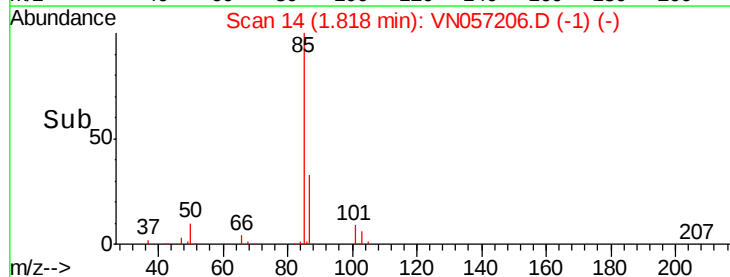
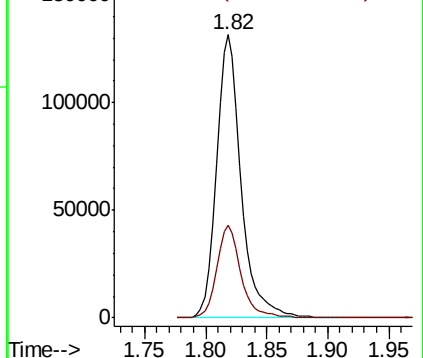


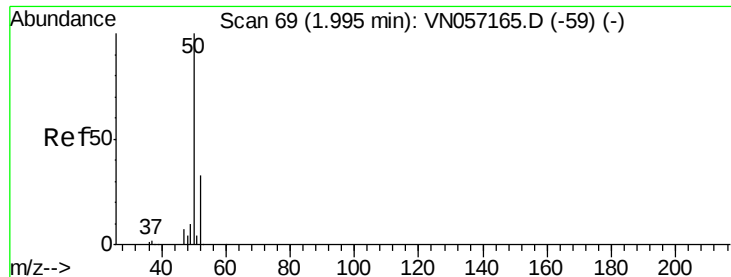
#2
 Dichlorodifluoromethane
 Concen: 21.272 ug/l
 RT: 1.82 min Scan# 14
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion: 85 Resp: 186114
 Ion Ratio Lower Upper
 85 100
 87 32.6 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VN
 Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 20.082 ug/l

RT: 2.00 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

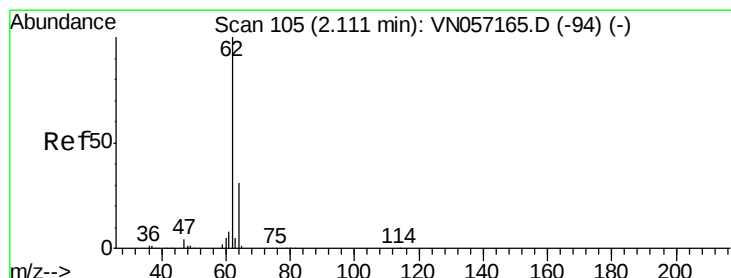
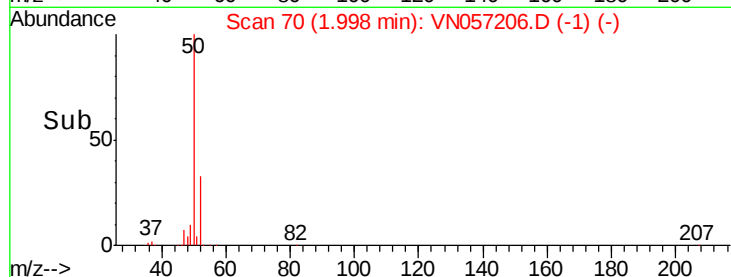
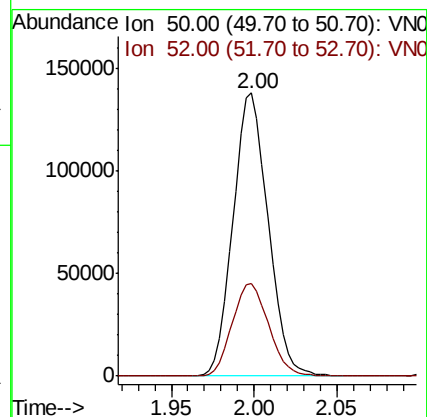
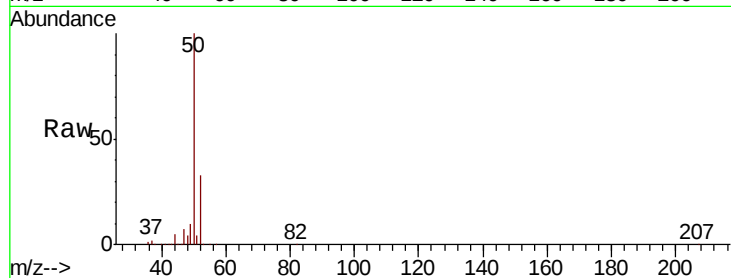
VN0812WBS01

Tgt Ion: 50 Resp: 203522

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 19.625 ug/l

RT: 2.11 min Scan# 105

Delta R.T. -0.00 min

Lab File: VN057206.D

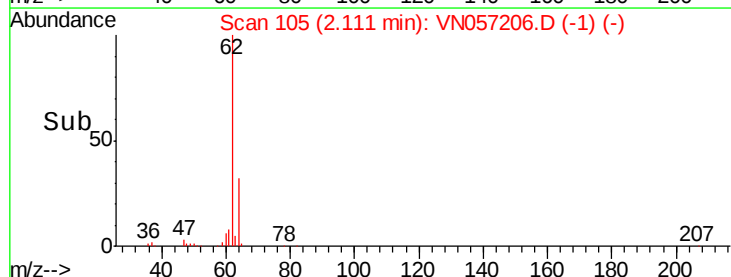
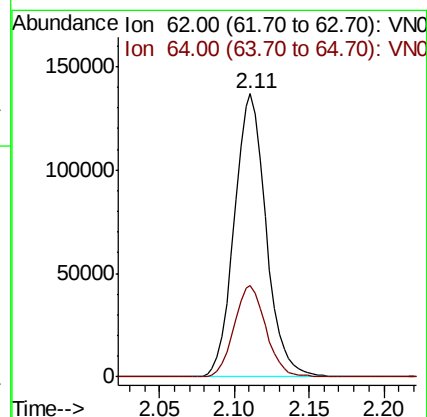
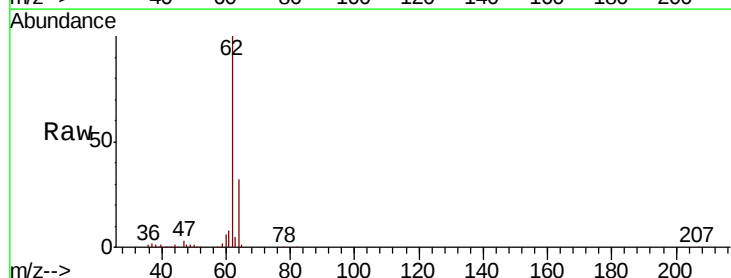
Acq: 12 Aug 2019 10:58

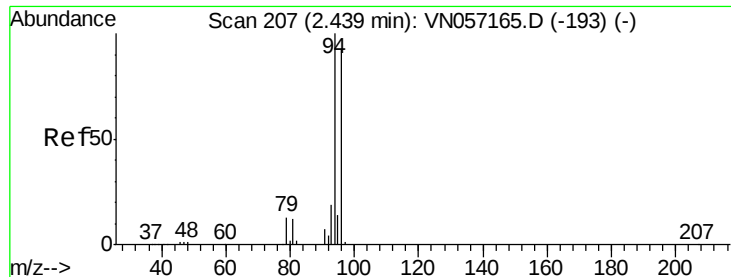
Tgt Ion: 62 Resp: 202341

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4





#5

Bromomethane

Concen: 20.044 ug/l

RT: 2.44 min Scan# 206

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

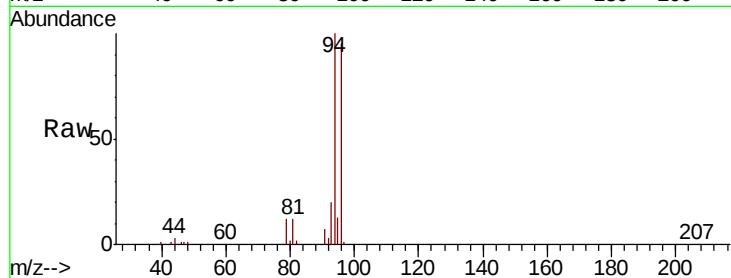
VN0812WBS01

Tgt Ion: 94 Resp: 147215

Ion Ratio Lower Upper

94 100

96 94.6 74.7 112.1



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.44

80000

60000

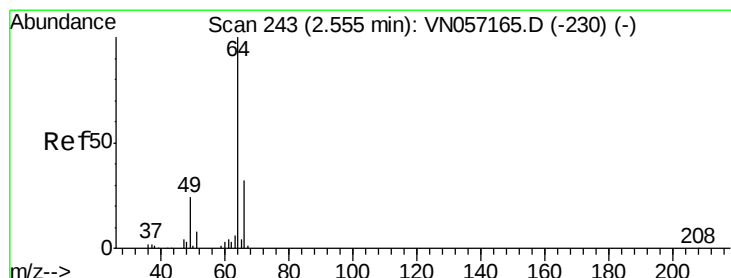
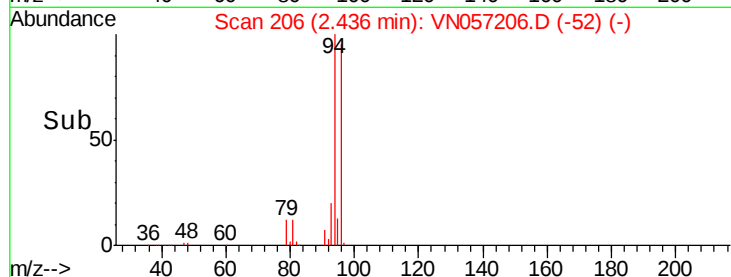
40000

20000

0

Time-->

2.35 2.40 2.45 2.50 2.55



#6

Chloroethane

Concen: 20.128 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.00 min

Lab File: VN057206.D

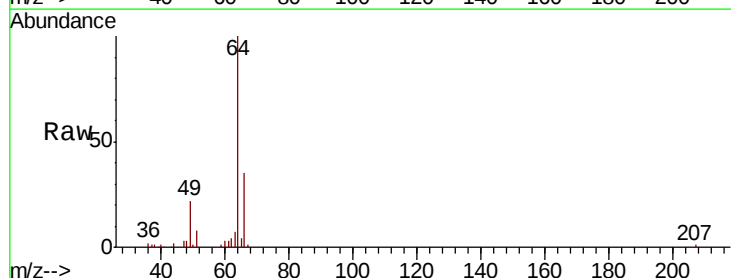
Acq: 12 Aug 2019 10:58

Tgt Ion: 64 Resp: 134572

Ion Ratio Lower Upper

64 100

66 35.1 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.55

60000

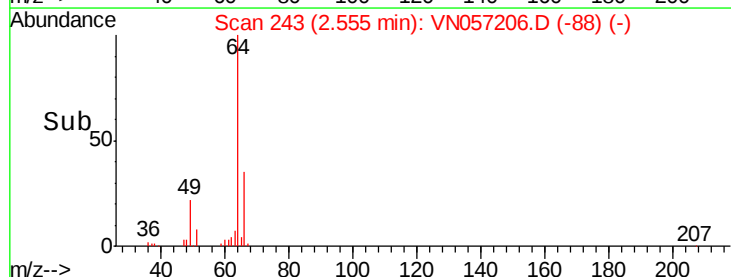
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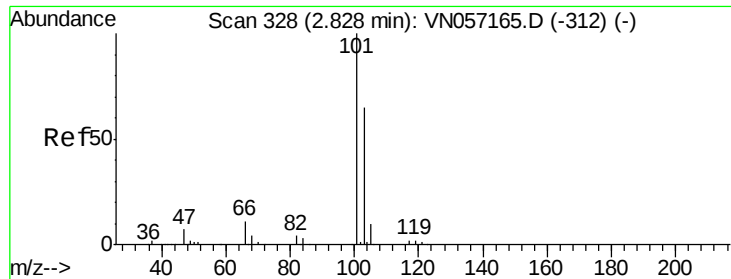
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Time-->

2.50 2.55 2.60 2.70



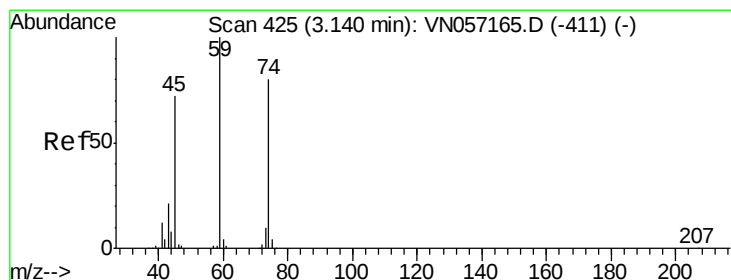
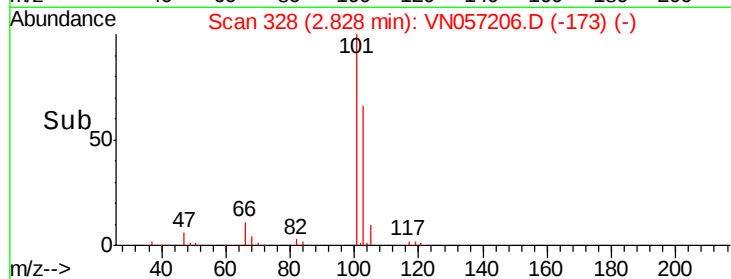
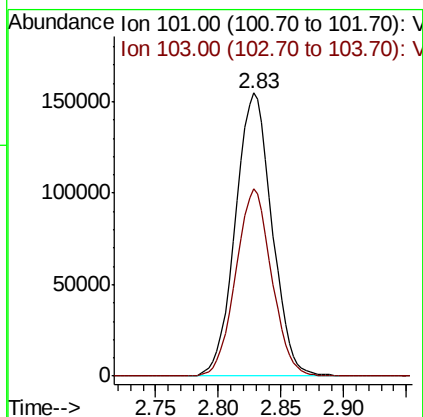
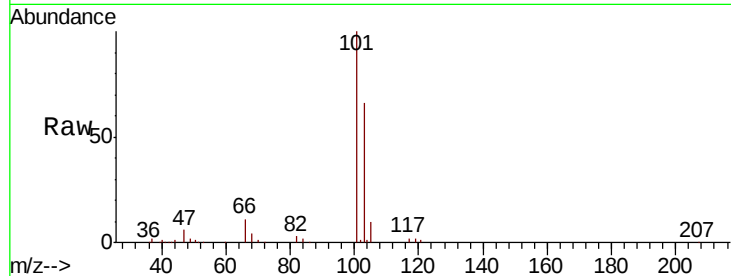


#7

Trichlorofluoromethane
 Concen: 20.428 ug/l
 RT: 2.83 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

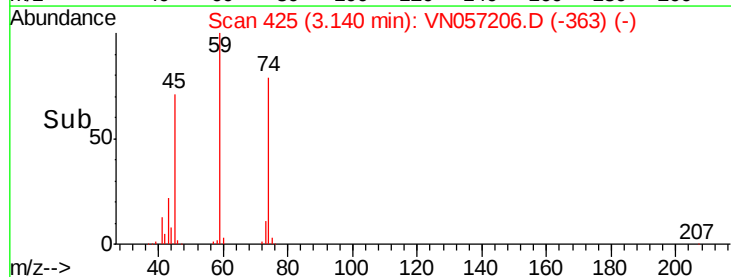
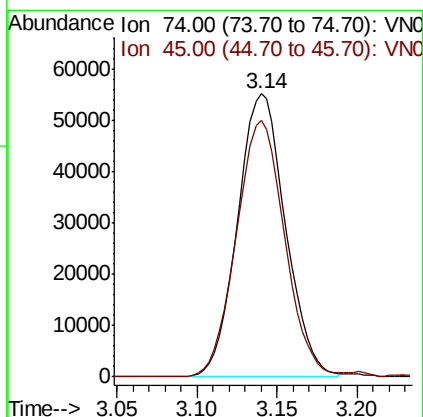
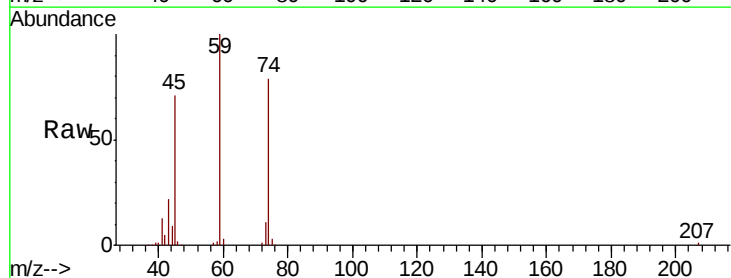
Tgt Ion: 101 Resp: 314052
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.8 77.8

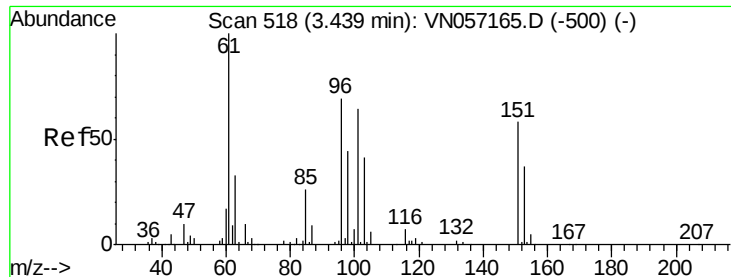


#8

Diethyl Ether
 Concen: 19.731 ug/l
 RT: 3.14 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion: 74 Resp: 113058
 Ion Ratio Lower Upper
 74 100
 45 91.6 17.9 161.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.349 ug/l

RT: 3.44 min Scan# 519

Delta R.T. 0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

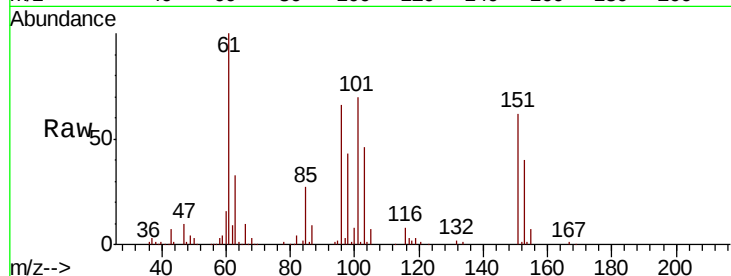
Tgt Ion: 101 Resp: 189232

Ion Ratio Lower Upper

101 100

85 39.4 0.0 84.4

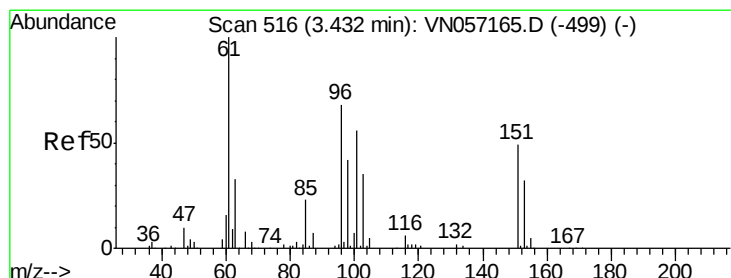
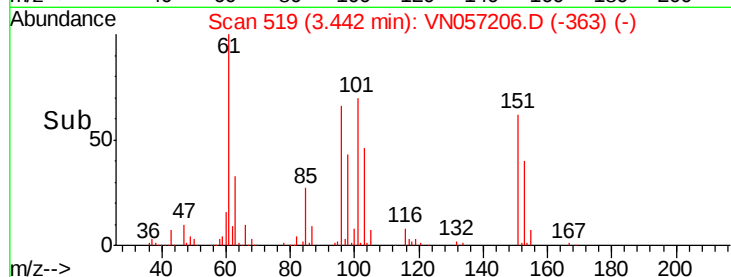
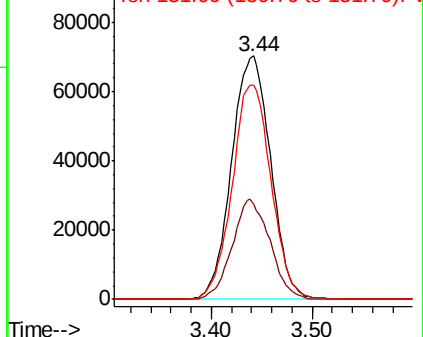
151 87.6 0.0 175.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.685 ug/l

RT: 3.44 min Scan# 517

Delta R.T. 0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

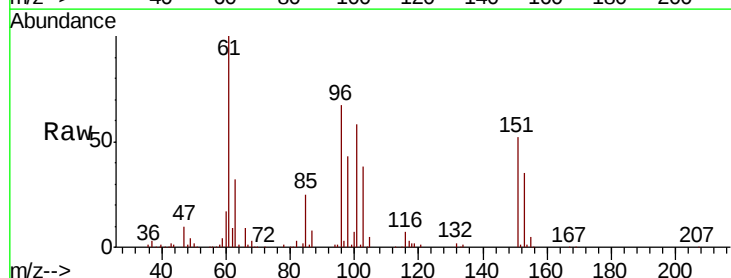
Tgt Ion: 96 Resp: 180990

Ion Ratio Lower Upper

96 100

61 148.9 118.2 177.2

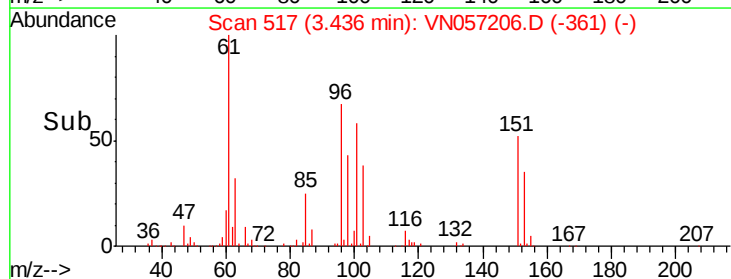
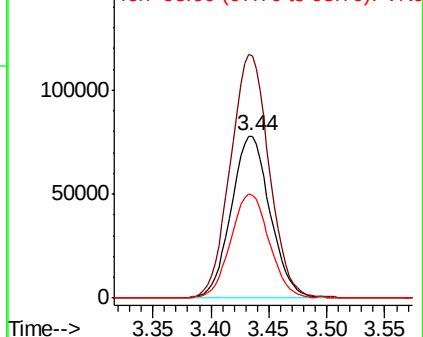
98 63.6 49.3 73.9

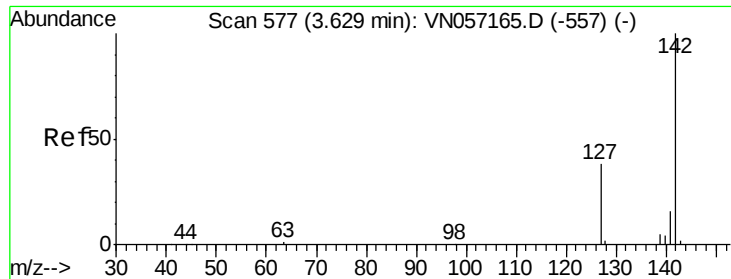


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

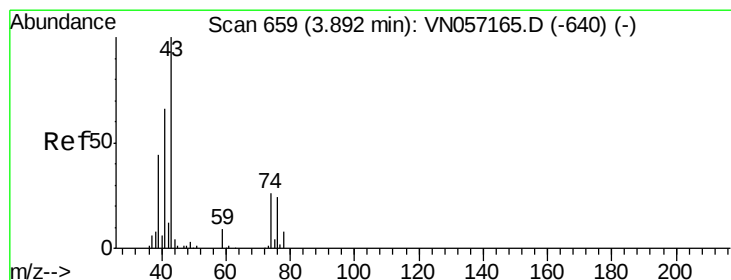
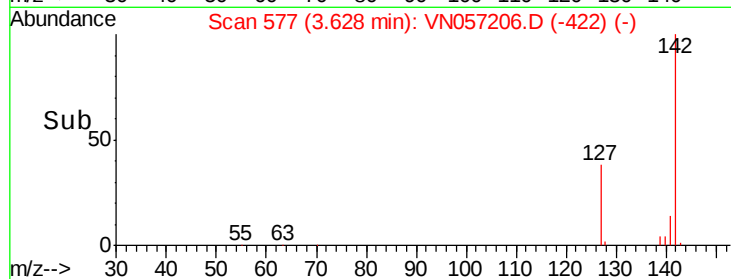
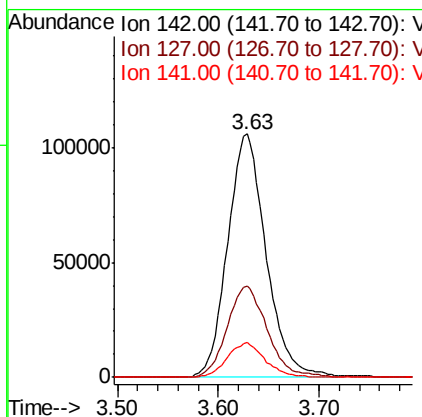
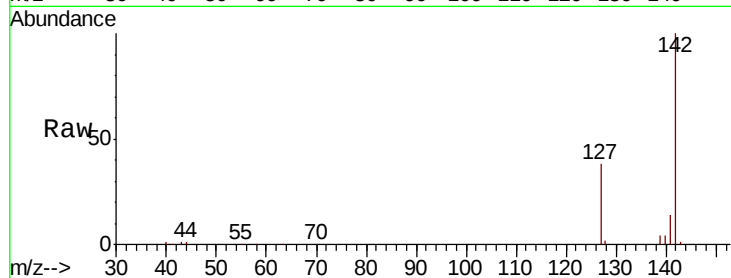




#11
Methyl Iodide
Concen: 19.592 ug/l
RT: 3.63 min Scan# 577
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

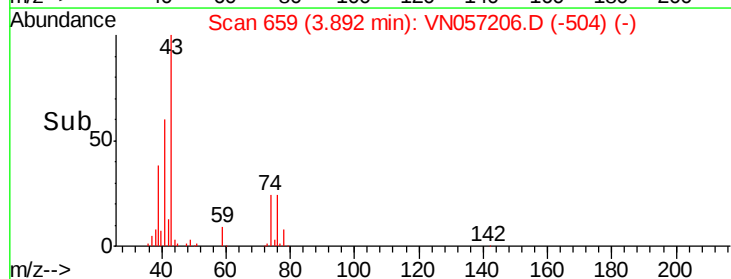
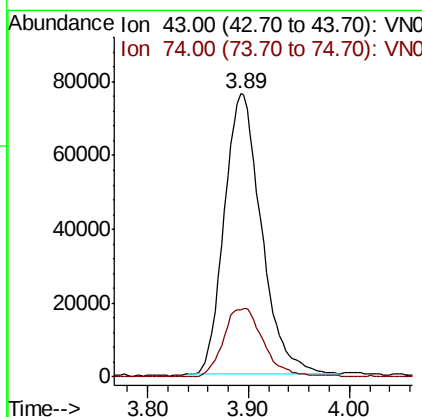
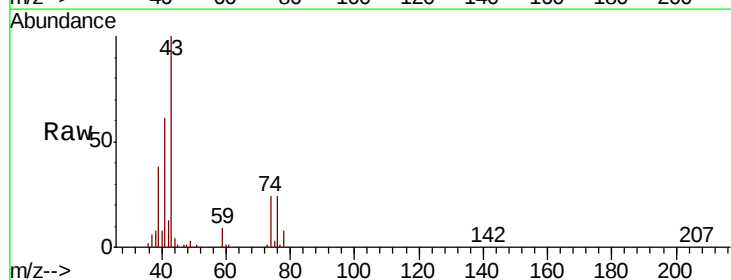
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

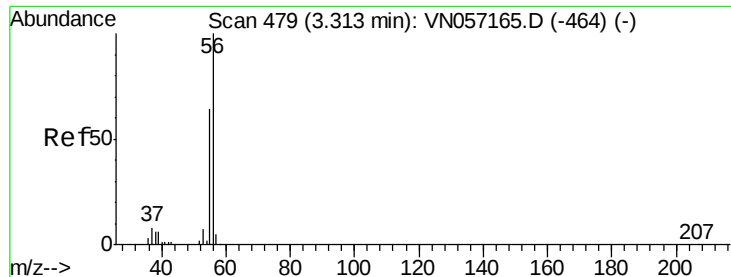
Tgt Ion:142 Resp: 281081
Ion Ratio Lower Upper
142 100
127 37.7 19.0 57.0
141 14.3 7.8 23.5



#12
Methyl Acetate
Concen: 20.403 ug/l
RT: 3.89 min Scan# 659
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Tgt Ion: 43 Resp: 195415
Ion Ratio Lower Upper
43 100
74 23.8 20.5 30.7





#13

Acrolein

Concen: 92.299 ug/l

RT: 3.31 min Scan# 478

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

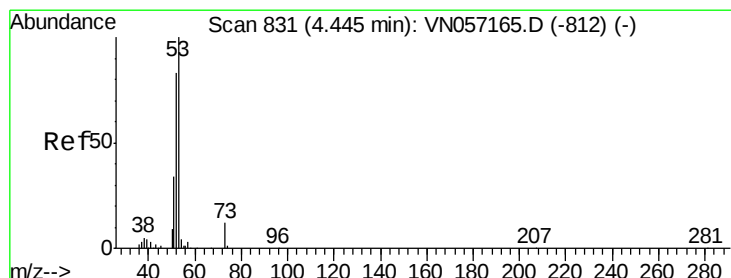
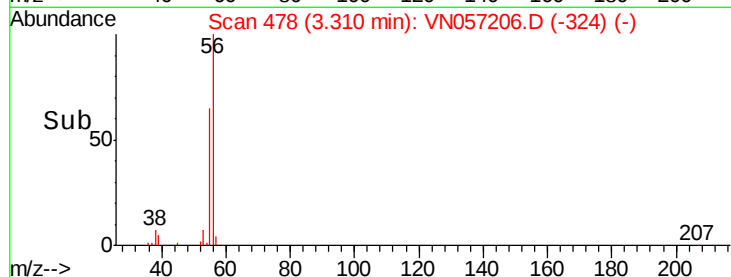
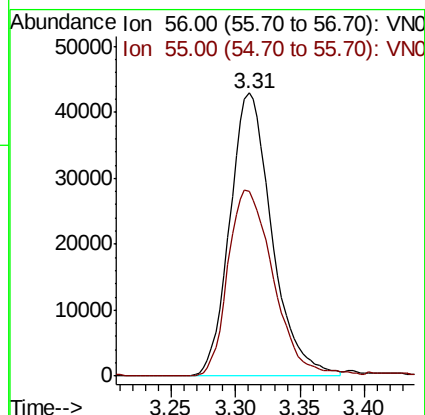
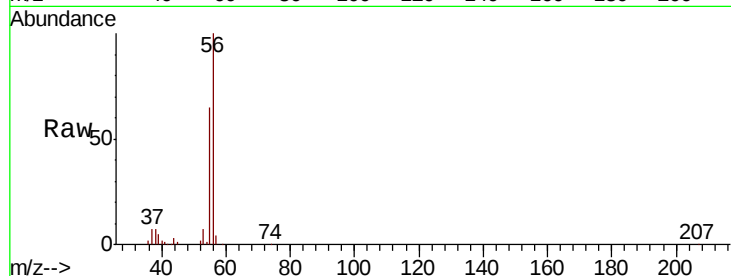
VN0812WBS01

Tgt Ion: 56 Resp: 97493

Ion Ratio Lower Upper

56 100

55 71.0 56.5 84.7



#14

Acrylonitrile

Concen: 99.145 ug/l

RT: 4.45 min Scan# 831

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

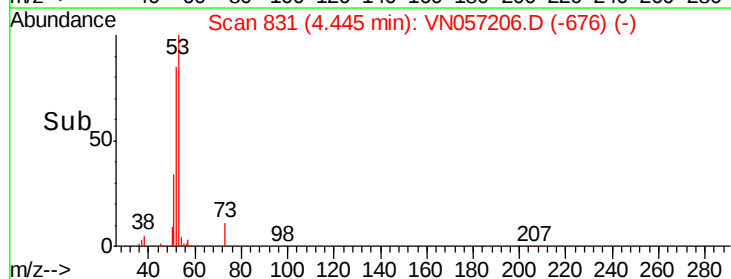
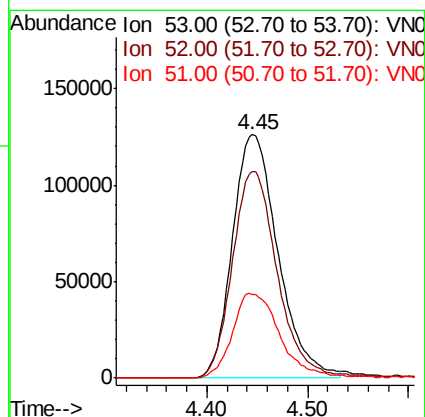
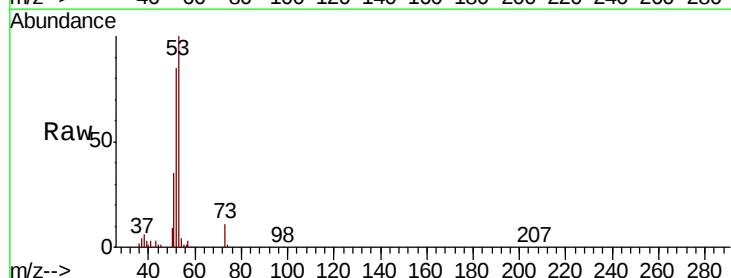
Tgt Ion: 53 Resp: 396185

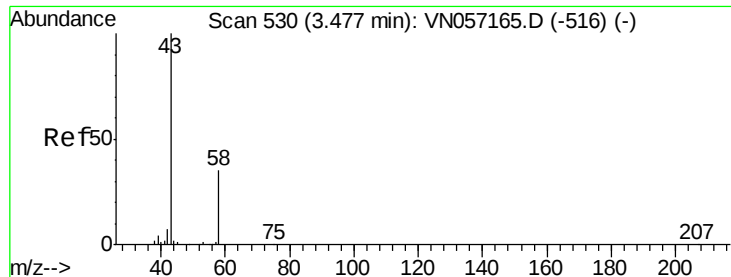
Ion Ratio Lower Upper

53 100

52 83.2 41.1 123.4

51 36.2 17.4 52.3





#15

Acetone

Concen: 85.667 ug/l

RT: 3.48 min Scan# 530

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

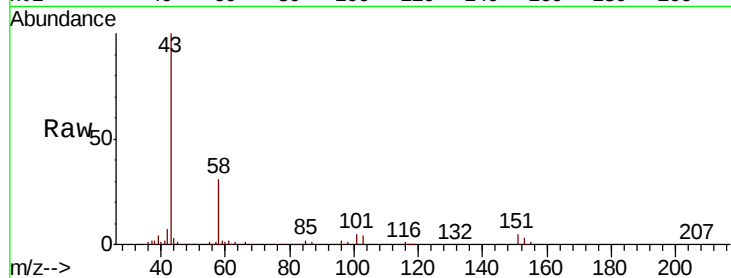
VN0812WBS01

Tgt Ion: 58 Resp: 113612

Ion Ratio Lower Upper

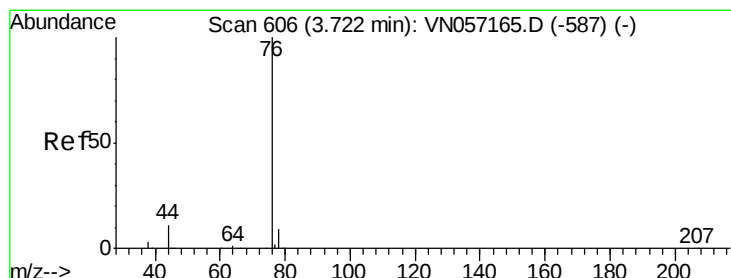
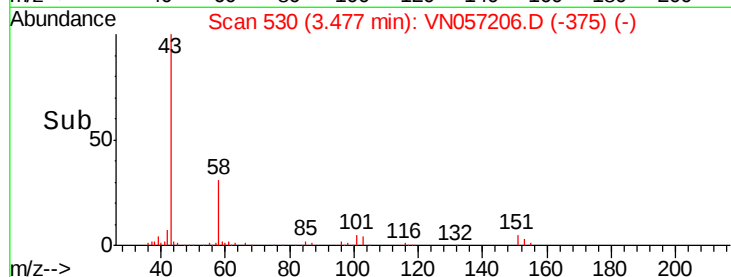
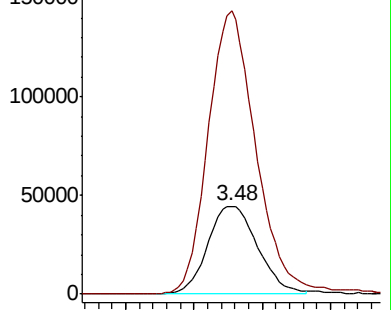
58 100

43 320.6 226.2 339.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.105 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN057206.D

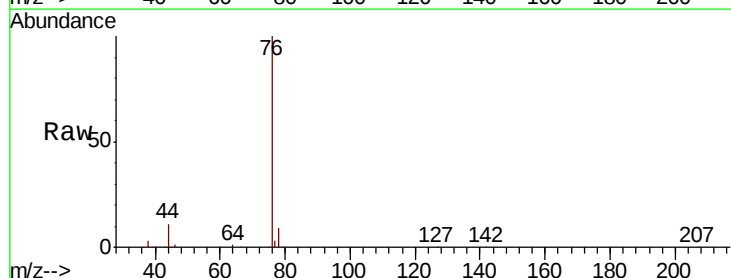
Acq: 12 Aug 2019 10:58

Tgt Ion: 76 Resp: 473884

Ion Ratio Lower Upper

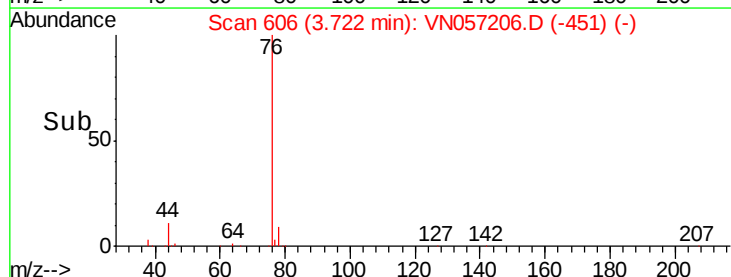
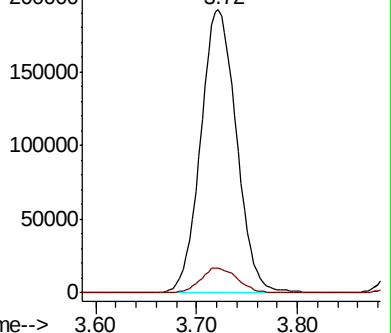
76 100

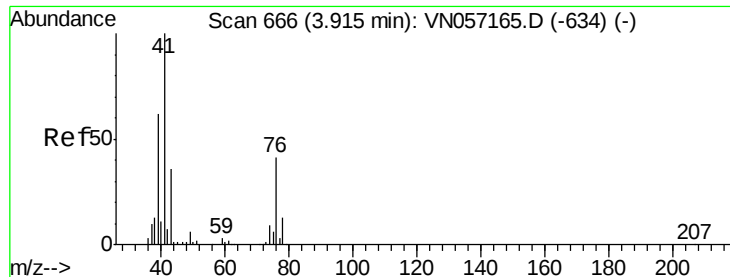
78 8.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

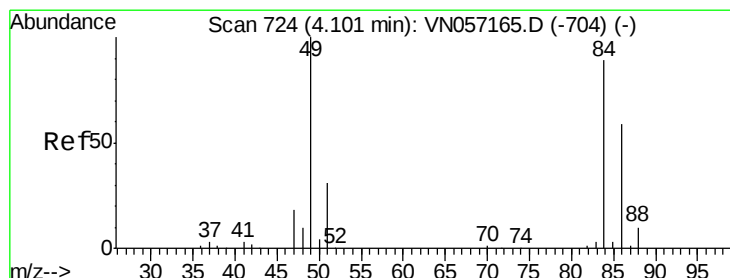
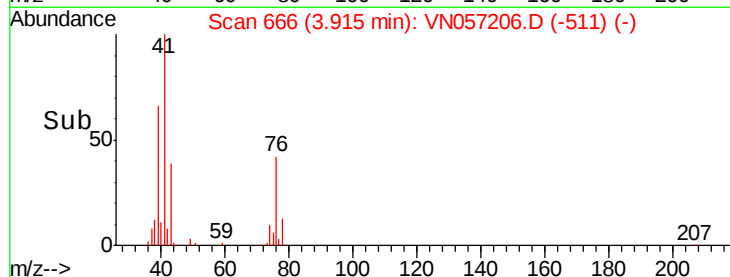
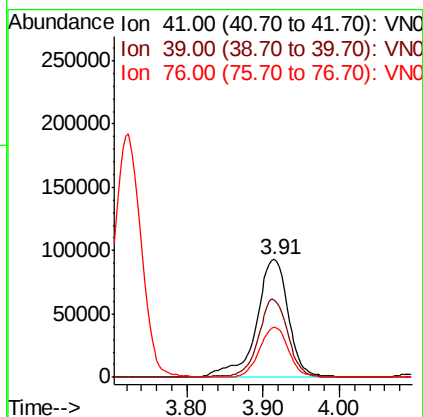
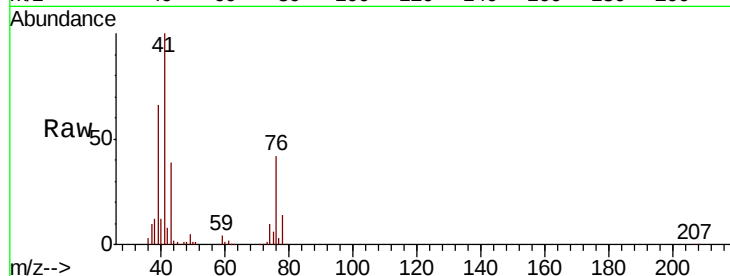




#17
 Allyl chloride
 Concen: 20.159 ug/l
 RT: 3.91 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

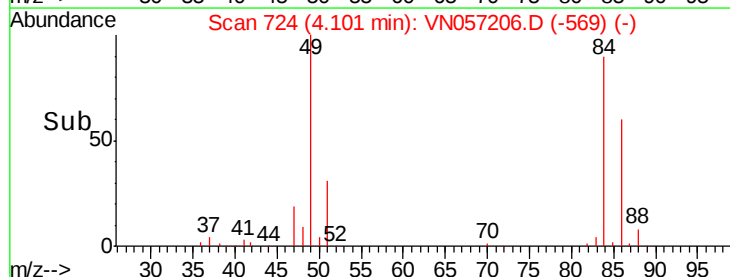
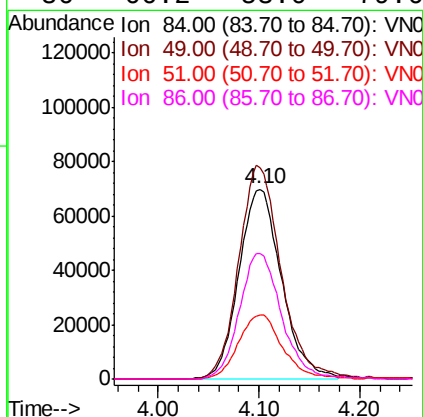
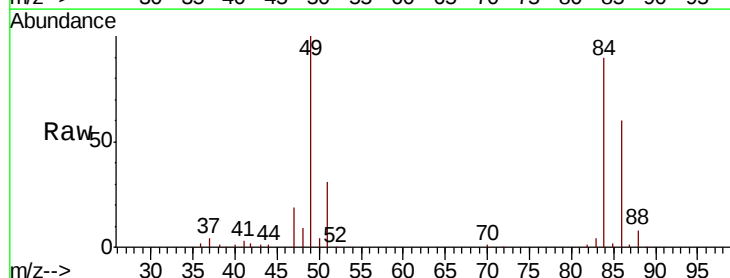
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

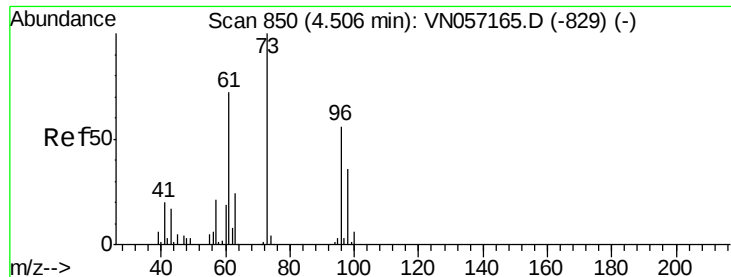
Tgt Ion: 41 Resp: 273256
 Ion Ratio Lower Upper
 41 100
 39 65.8 31.2 93.6
 76 42.0 20.5 61.6



#18
 Methylene Chloride
 Concen: 19.693 ug/l
 RT: 4.10 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion: 84 Resp: 205276
 Ion Ratio Lower Upper
 84 100
 49 111.2 90.1 135.1
 51 34.0 27.9 41.9
 86 66.2 53.0 79.6

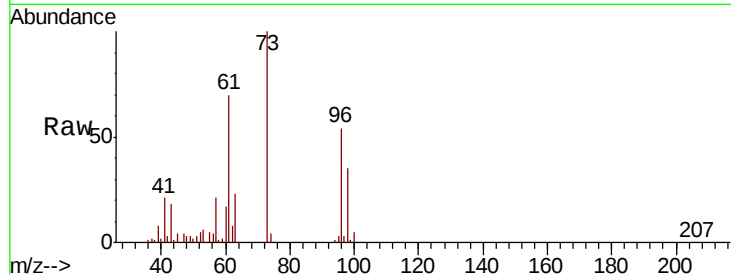




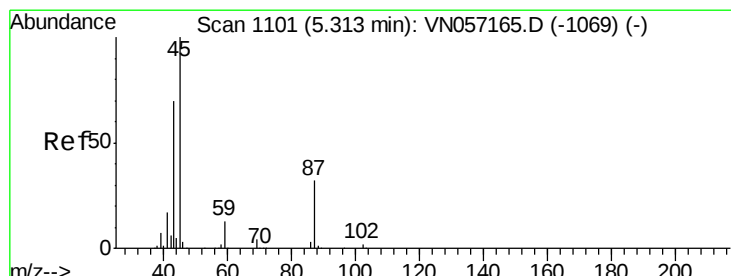
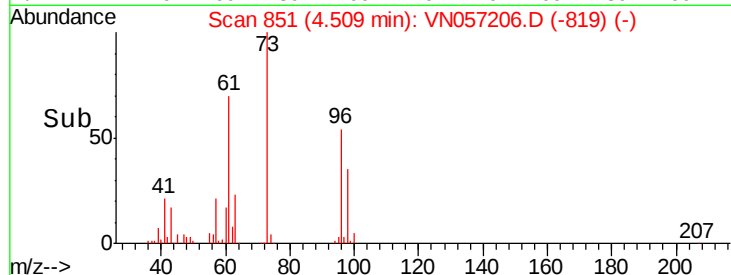
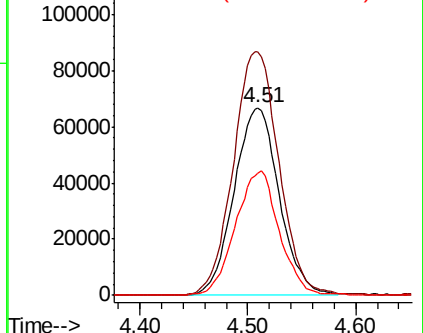
#19
trans-1,2-Dichloroethene
Concen: 19.721 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Instrument :
MSVOA_N
ClientSampled :
VN0812WBS01

Tgt Ion: 96 Resp: 194389
Ion Ratio Lower Upper
96 100
61 129.3 103.6 155.4
98 64.9 51.3 76.9

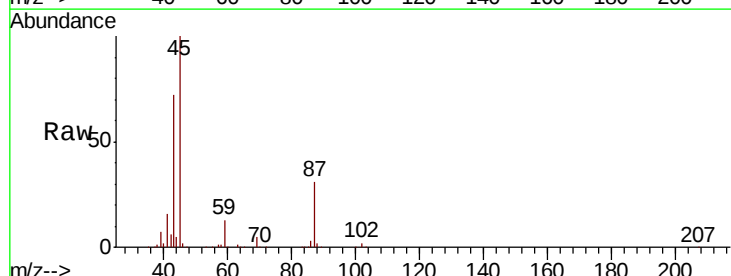


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

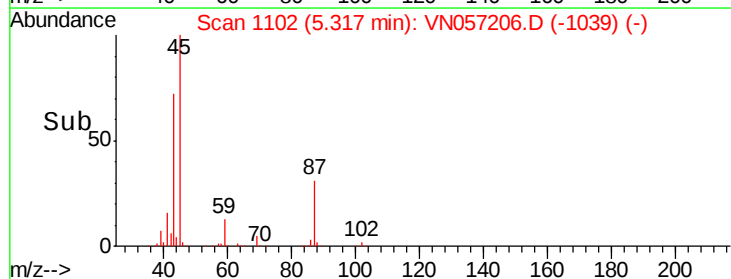
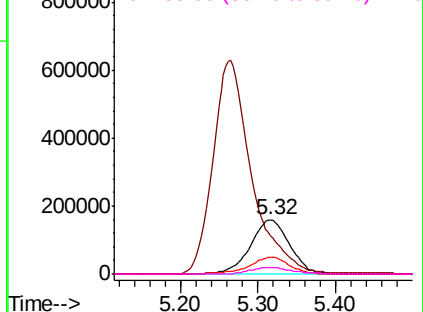


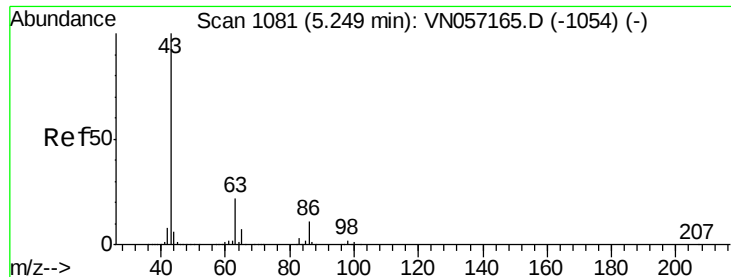
#20
Diisopropyl ether
Concen: 20.300 ug/l
RT: 5.32 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Tgt Ion: 45 Resp: 561182
Ion Ratio Lower Upper
45 100
43 70.0 60.0 90.0
87 30.6 25.9 38.9
59 12.5 10.5 15.7



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

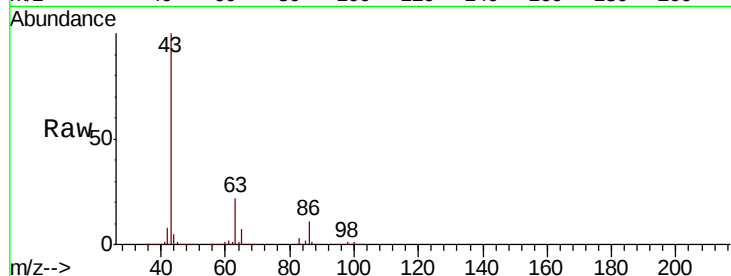




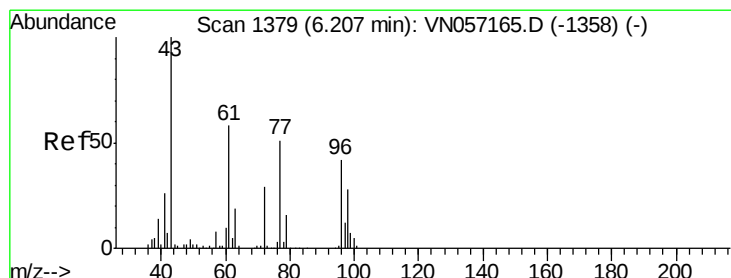
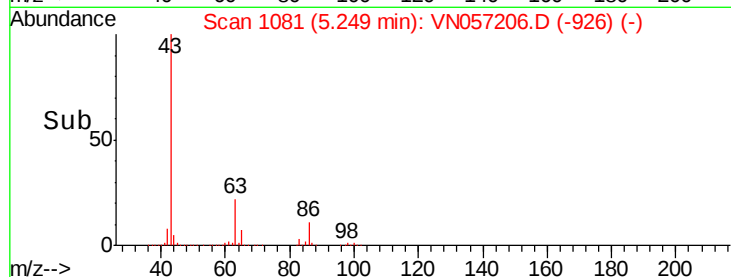
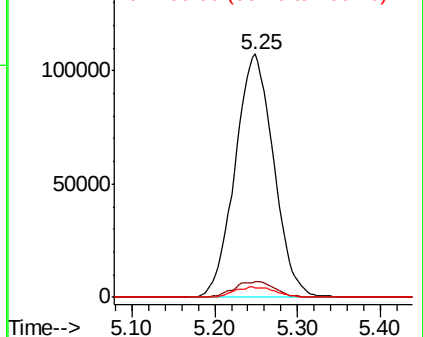
#21
 1,1-Dichloroethane
 Concen: 20.185 ug/l
 RT: 5.25 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	347535		
98	6.3		3.5	10.4
100	3.8		1.9	5.7

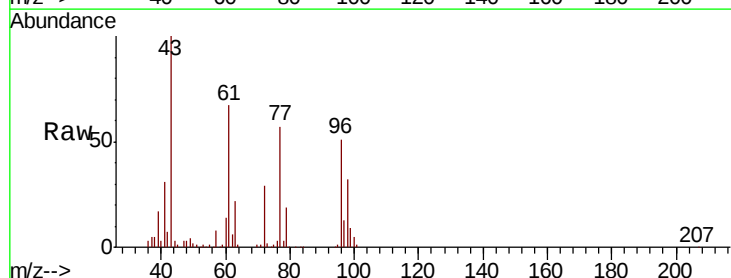


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

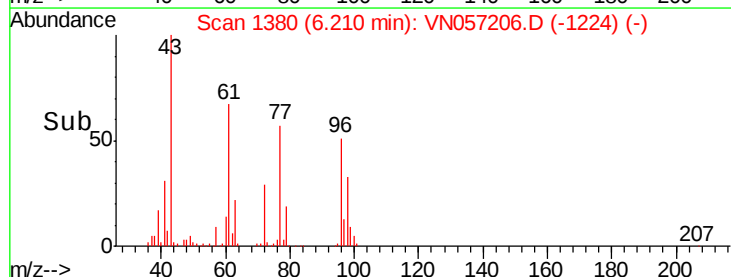
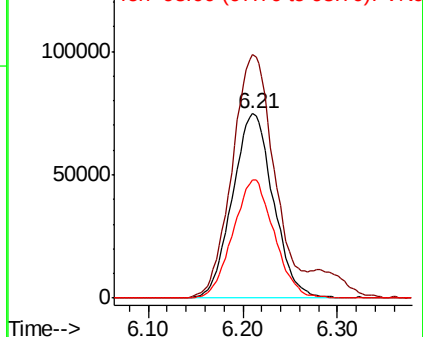


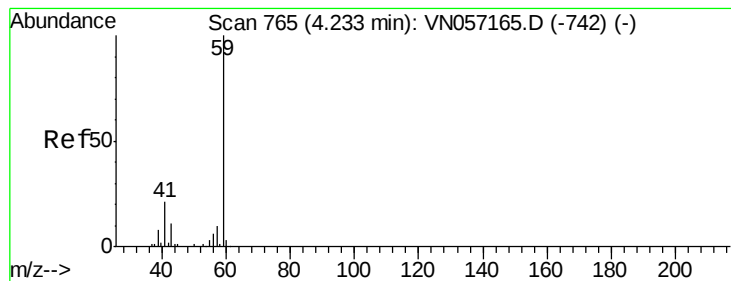
#22
 cis-1,2-Dichloroethene
 Concen: 20.074 ug/l
 RT: 6.21 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	225209		
61	136.2		109.2	163.8
98	64.7		51.7	77.5



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0





#23

tert-Butyl Alcohol

Concen: 91.063 ug/l

RT: 4.23 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

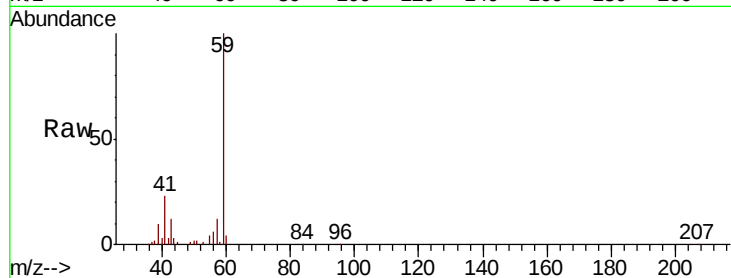
VN0812WBS01

Tgt Ion: 59 Resp: 120078

Ion Ratio Lower Upper

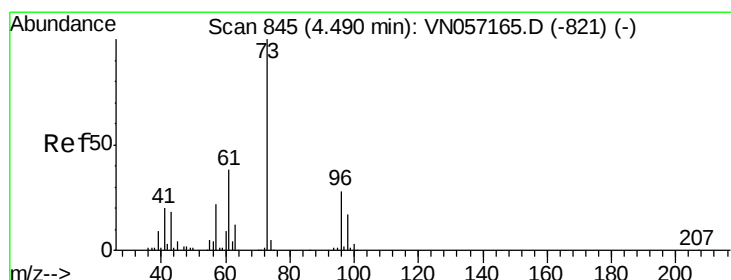
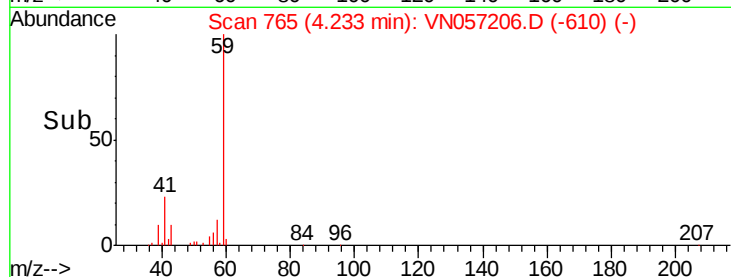
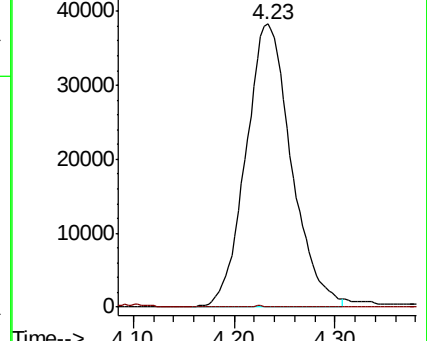
59 100

52 0.1 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 20.132 ug/l

RT: 4.49 min Scan# 846

Delta R.T. 0.00 min

Lab File: VN057206.D

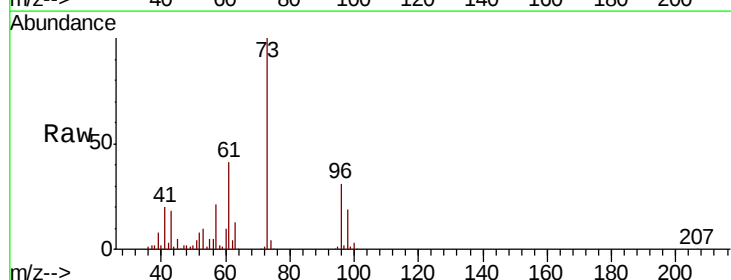
Acq: 12 Aug 2019 10:58

Tgt Ion: 73 Resp: 544312

Ion Ratio Lower Upper

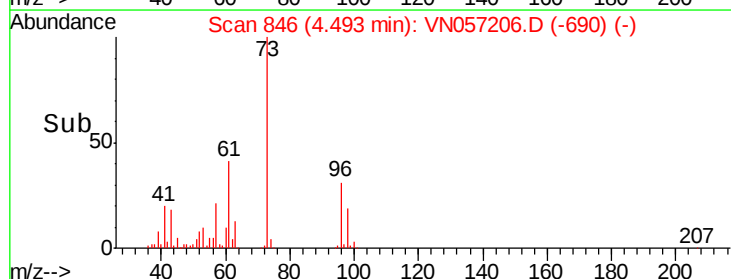
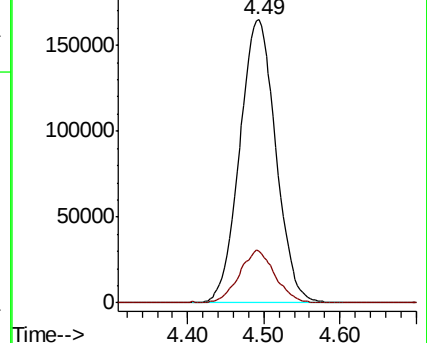
73 100

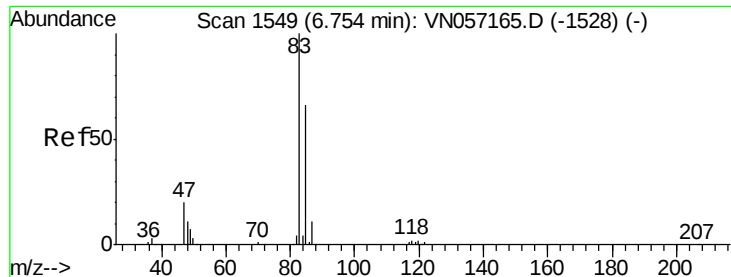
43 17.9 14.3 21.5



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 19.958 ug/l

RT: 6.76 min Scan# 1550

Delta R.T. 0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampled :

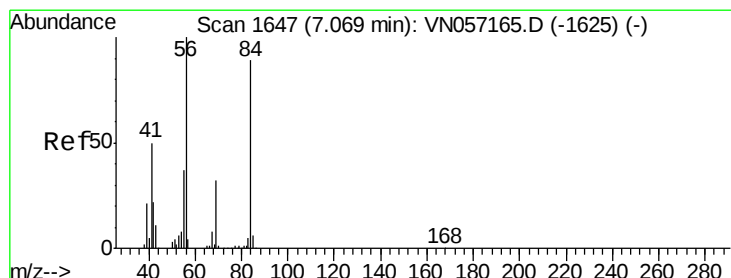
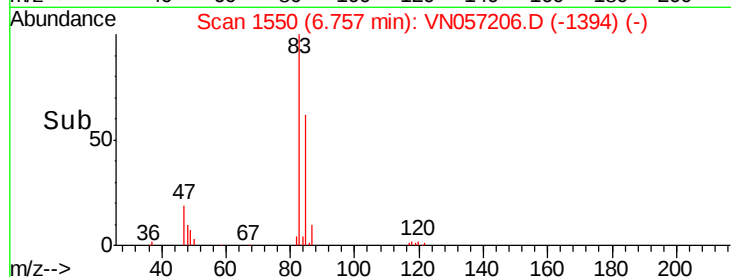
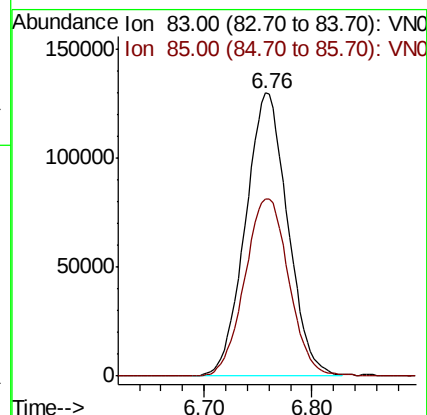
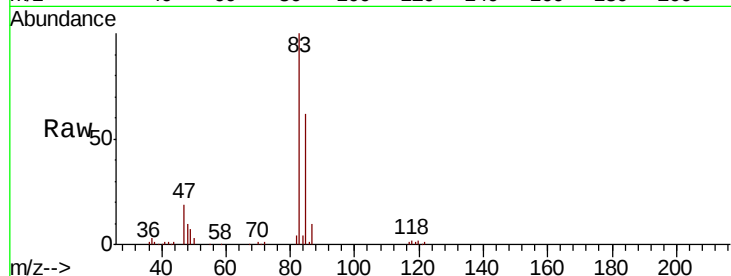
VN0812WBS01

Tgt Ion: 83 Resp: 353346

Ion Ratio Lower Upper

83 100

85 62.4 52.5 78.7



#26

Cyclohexane

Concen: 19.672 ug/l

RT: 7.07 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

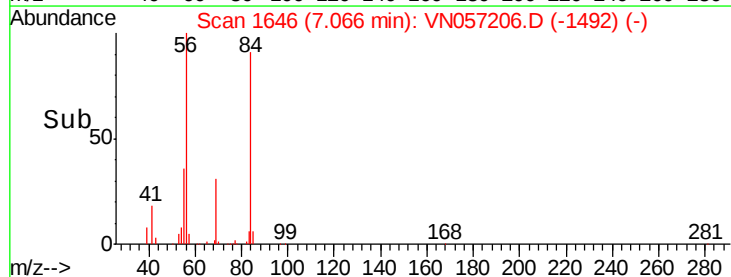
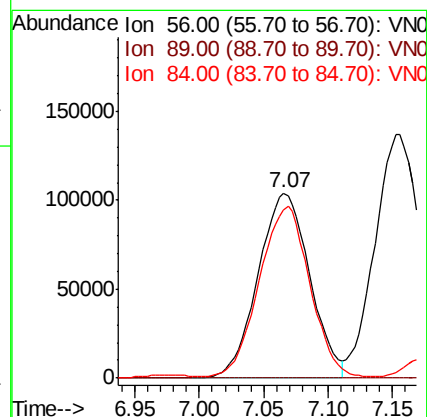
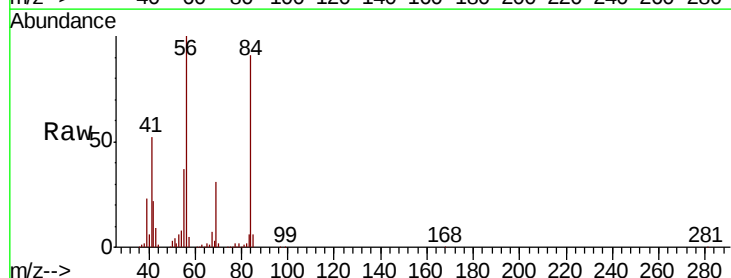
Tgt Ion: 56 Resp: 289546

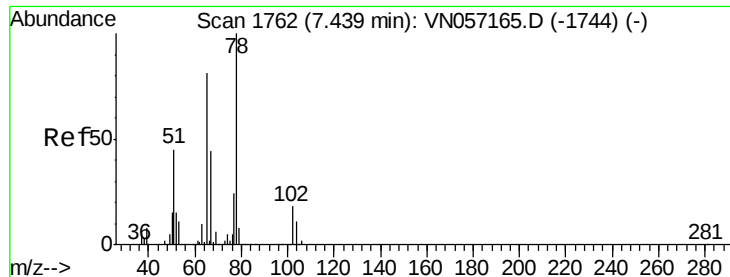
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.0 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.832 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampled :

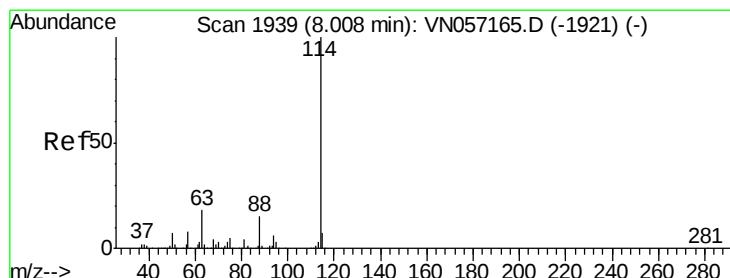
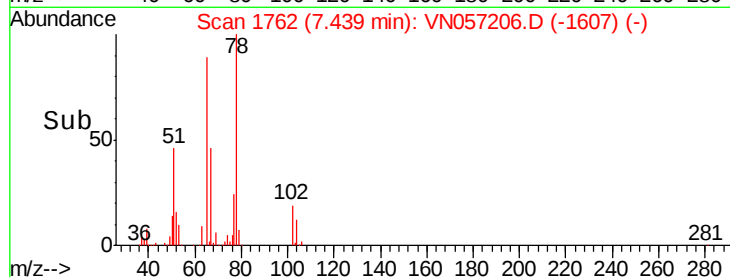
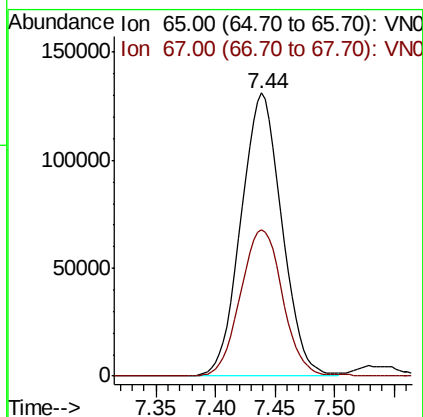
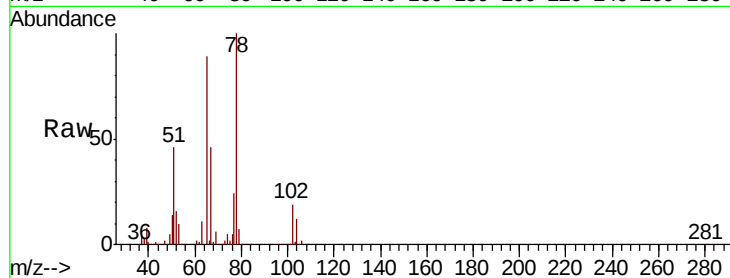
VN0812WBS01

Tgt Ion: 65 Resp: 311920

Ion Ratio Lower Upper

65 100

67 53.5 42.4 63.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

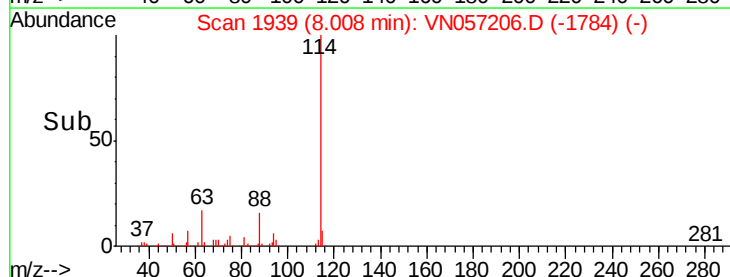
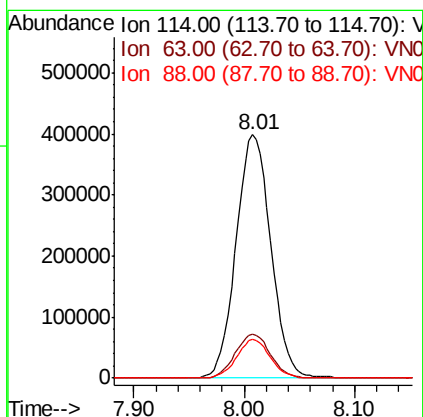
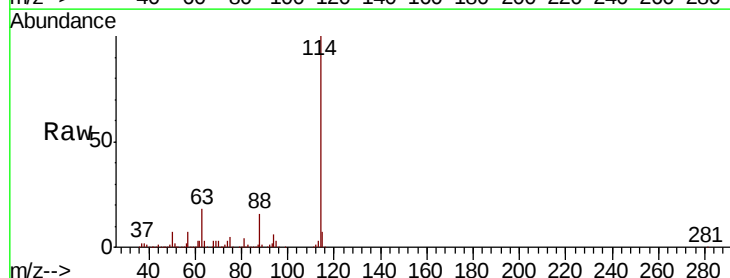
Tgt Ion: 114 Resp: 869943

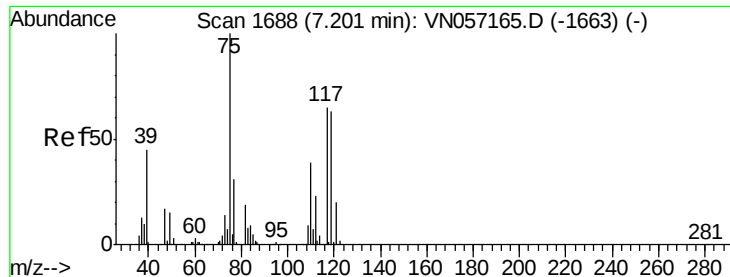
Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

88 15.4 12.2 18.2





#29

1,1-Dichloropropene

Concen: 19.868 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS01

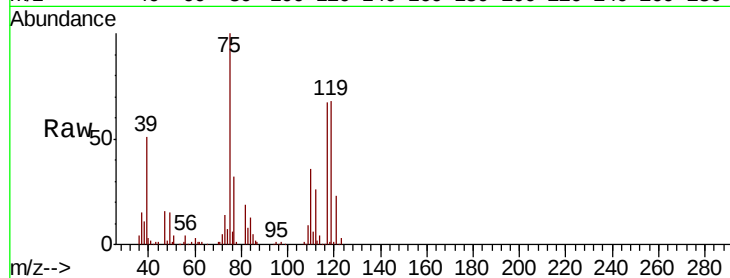
Tgt Ion: 75 Resp: 259921

Ion Ratio Lower Upper

75 100

110 37.7 0.0 75.6

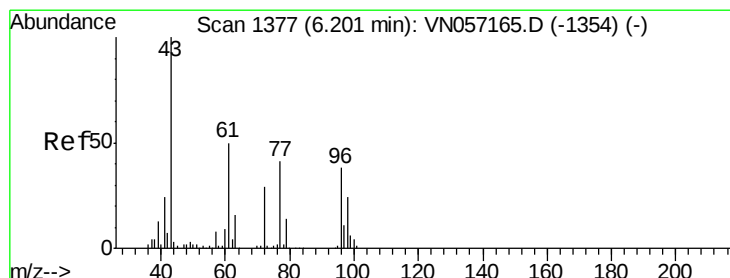
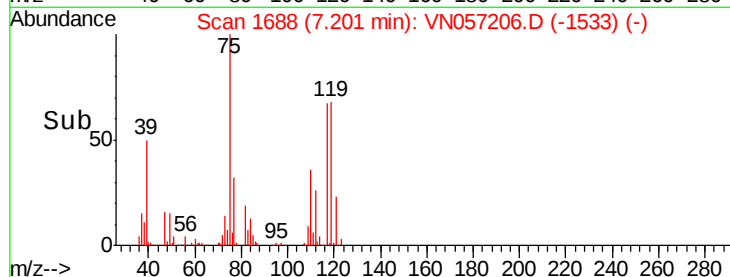
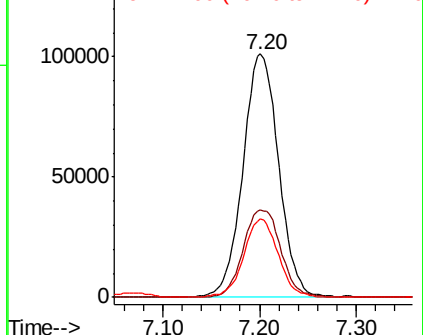
77 31.2 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 110.00 (109.70 to 110.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#30

2-Butanone

Concen: 94.856 ug/l

RT: 6.20 min Scan# 1377

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

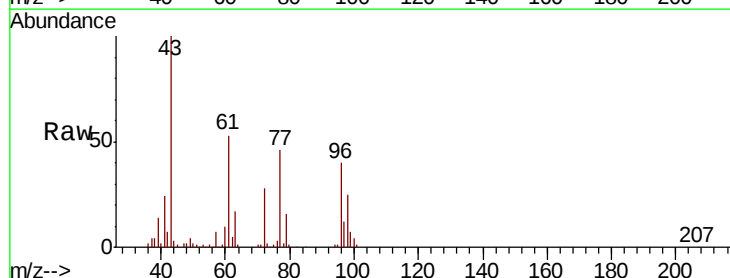
Tgt Ion: 43 Resp: 488564

Ion Ratio Lower Upper

43 100

57 3.6 6.8 10.2#

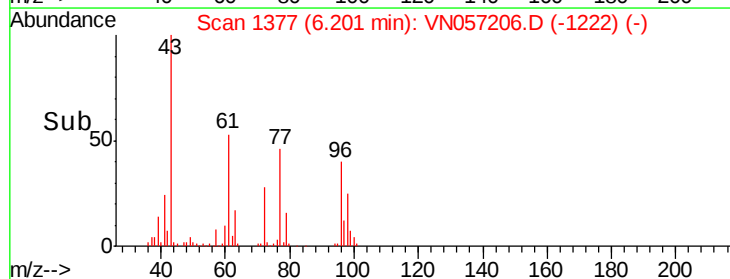
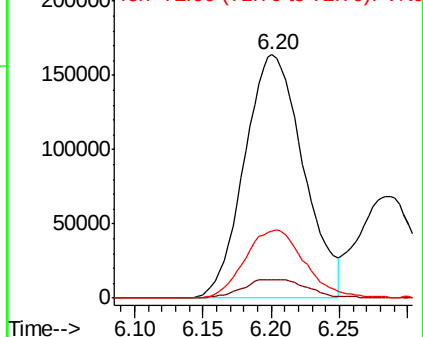
72 28.8 23.0 34.6

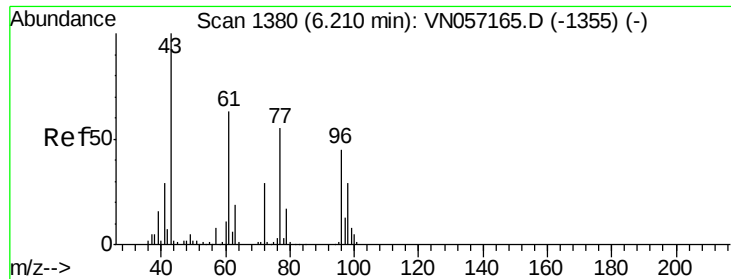


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

2,2-Dichloropropane

Concen: 19.861 ug/l

RT: 6.21 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

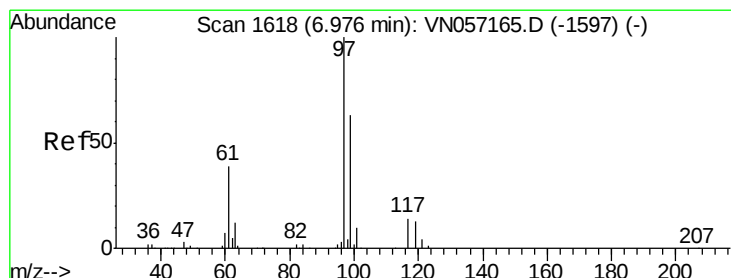
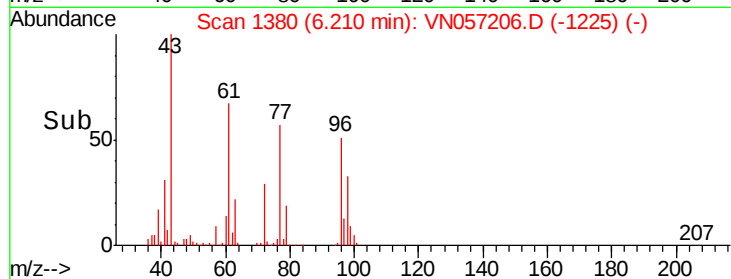
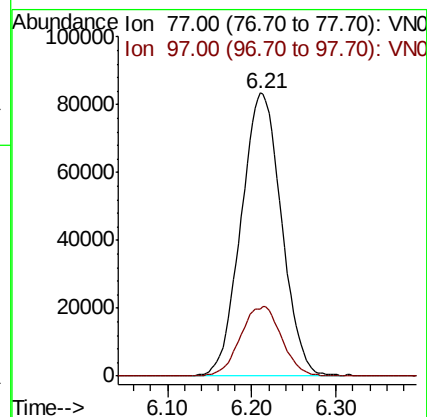
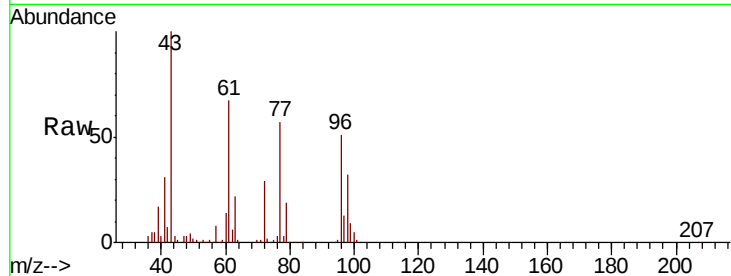
VN0812WBS01

Tgt Ion: 77 Resp: 277806

Ion Ratio Lower Upper

77 100

97 13.0 19.4 29.2#



#32

1,1,1-Trichloroethane

Concen: 20.203 ug/l

RT: 6.98 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

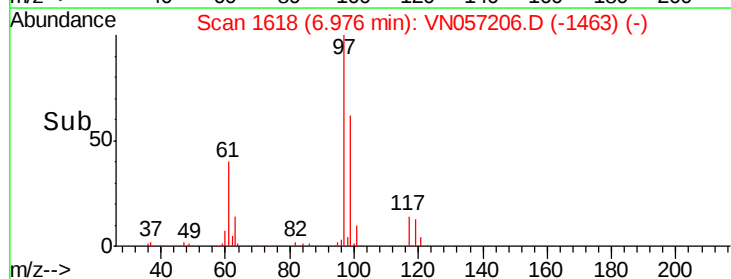
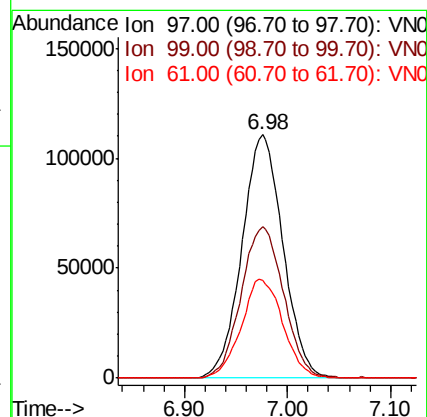
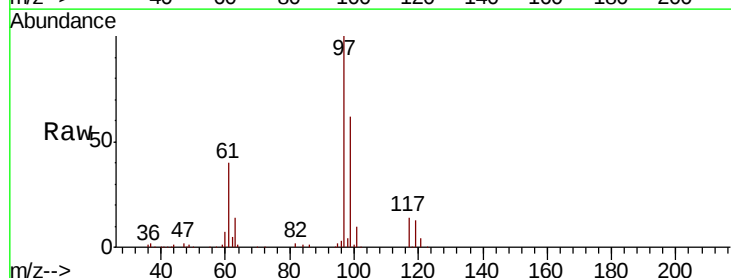
Tgt Ion: 97 Resp: 306094

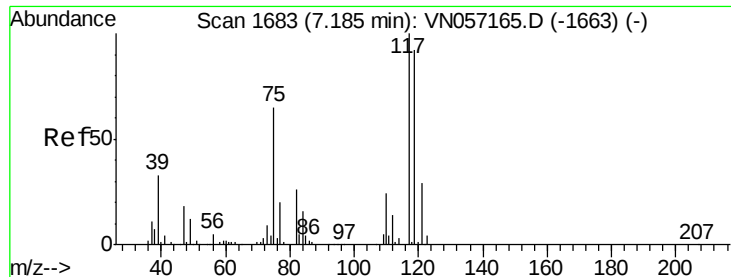
Ion Ratio Lower Upper

97 100

99 64.4 52.4 78.6

61 41.2 32.3 48.5

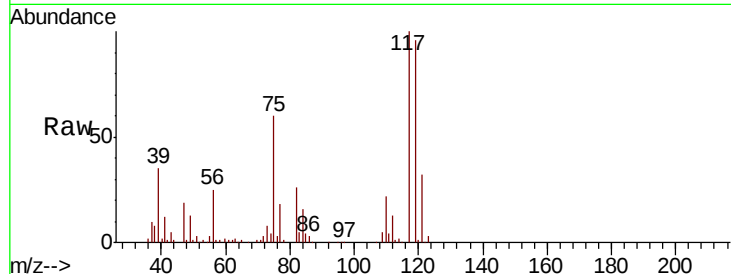




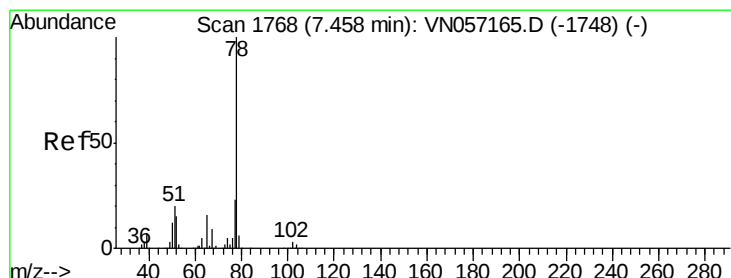
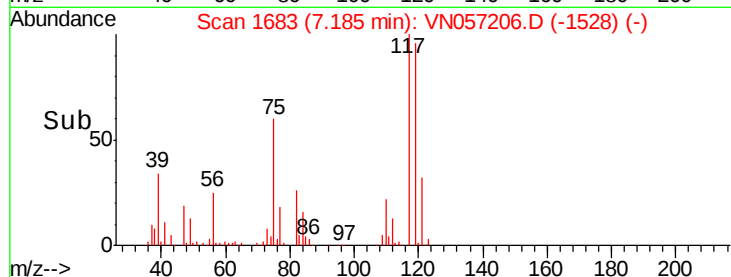
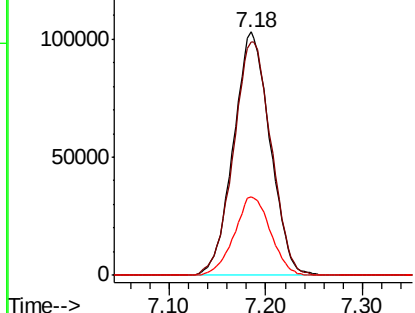
#33
Carbon Tetrachloride
Concen: 20.050 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Instrument :
MSVOA_N
ClientSampled :
VN0812WBS01

Tgt Ion:117 Resp: 270413
Ion Ratio Lower Upper
117 100
119 95.8 73.9 110.9
121 32.2 23.4 35.2

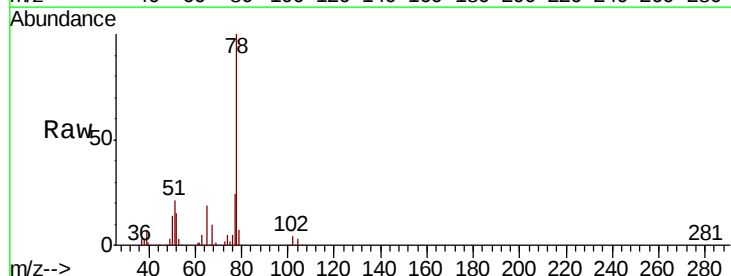


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

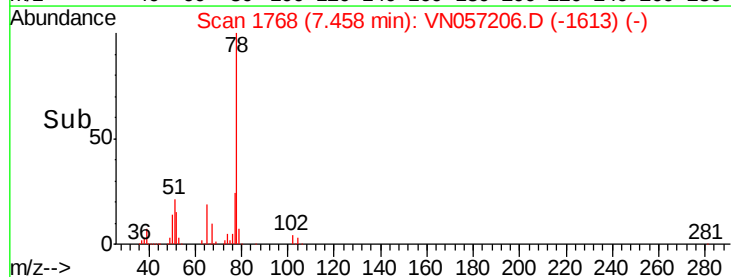
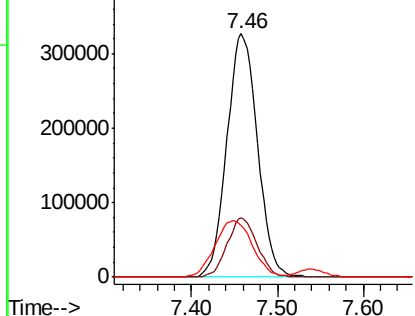


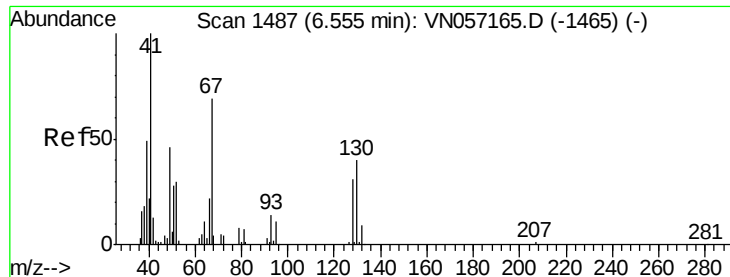
#34
Benzene
Concen: 20.248 ug/l
RT: 7.46 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Tgt Ion: 78 Resp: 808593
Ion Ratio Lower Upper
78 100
77 24.5 18.3 27.5
51 20.9 16.2 24.2



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

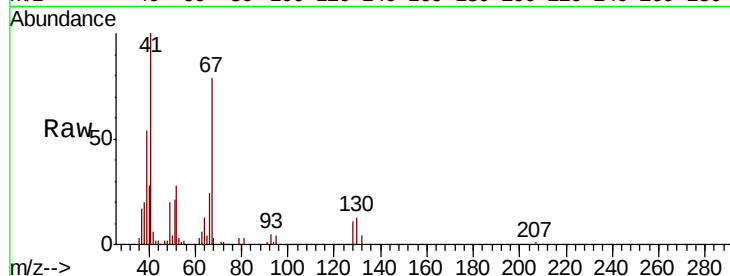




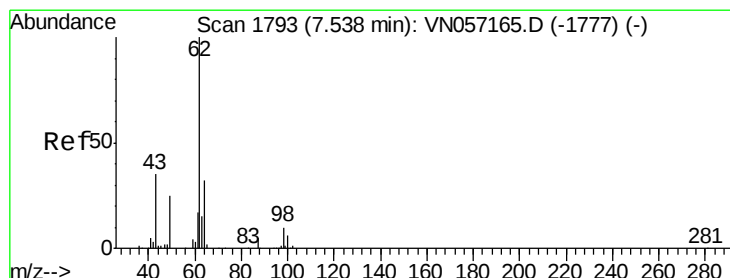
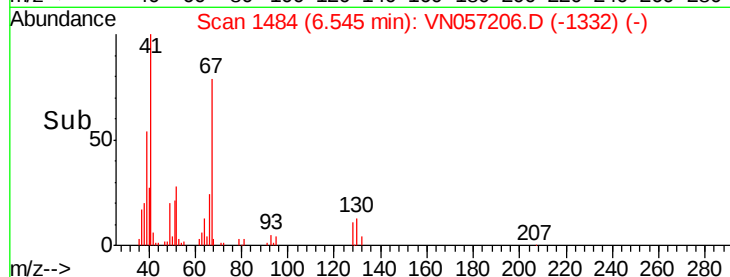
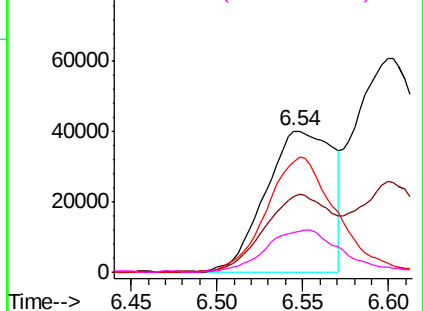
#35
Methacrylonitrile
Concen: 21.033 ug/l
RT: 6.54 min Scan# 1484
Delta R.T. -0.01 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Tgt Ion:	41	Resp:	109486
Ion	Ratio	Lower	Upper
41	100		
39	53.0	24.6	74.0
67	78.6	34.4	103.2
52	27.8	14.9	44.5

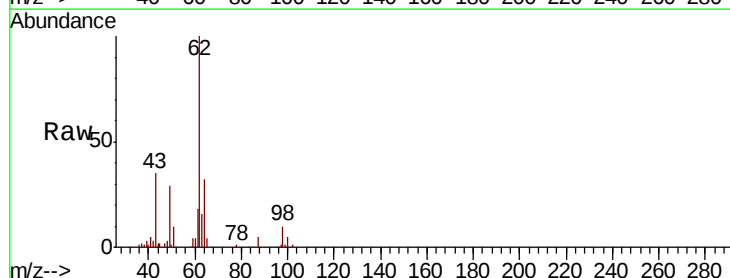


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

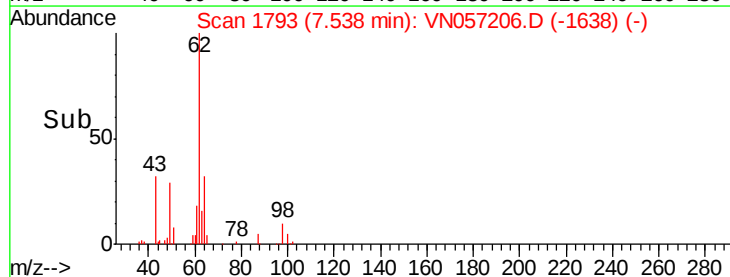
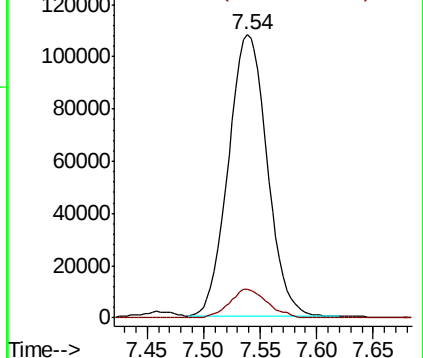


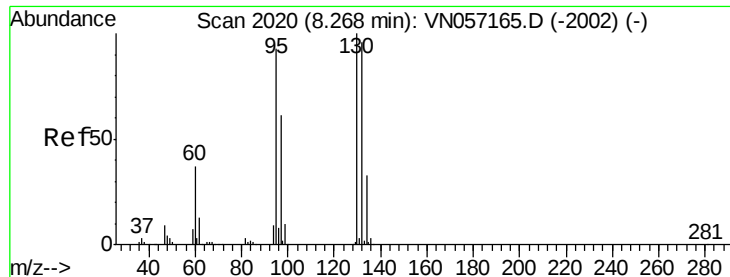
#36
1,2-Dichloroethane
Concen: 20.253 ug/l
RT: 7.54 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Tgt Ion:	62	Resp:	258385
Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.2	12.4



Abundance Ion 62.00 (61.70 to 62.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

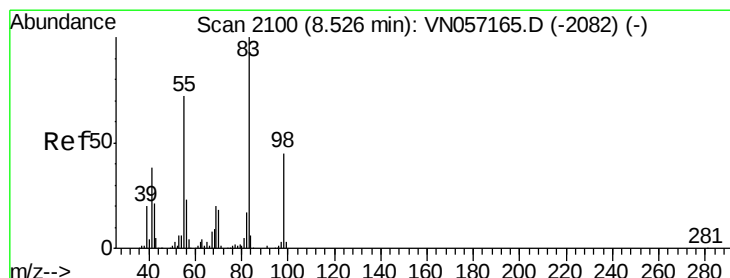
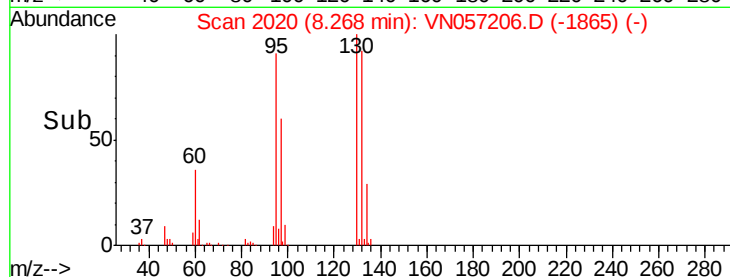
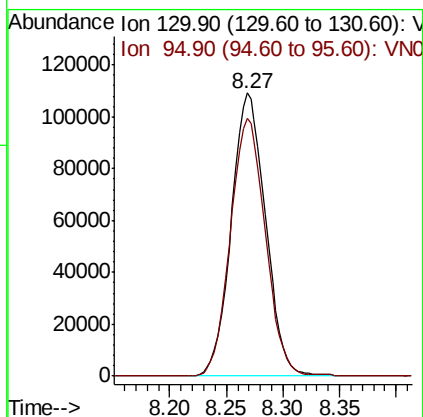
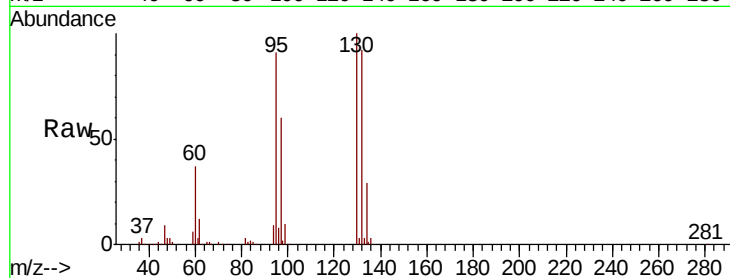




#37
 Trichloroethene
 Concen: 20.295 ug/l
 RT: 8.27 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

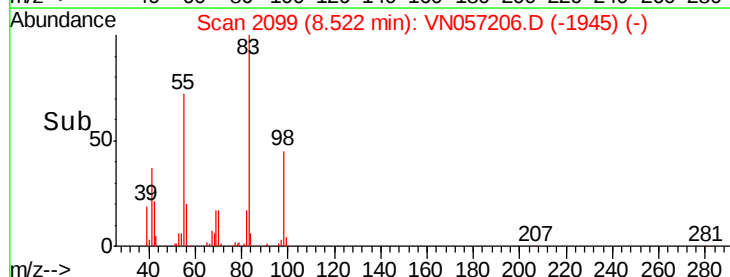
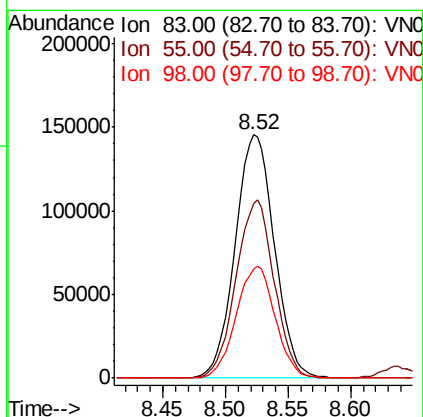
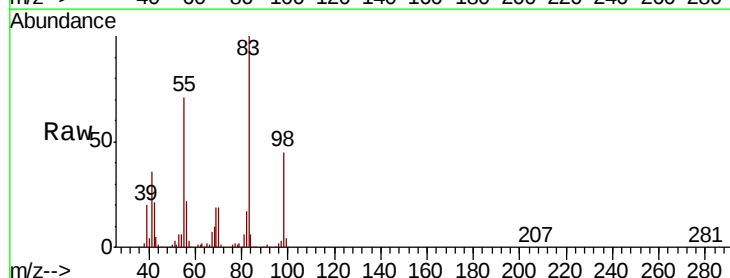
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

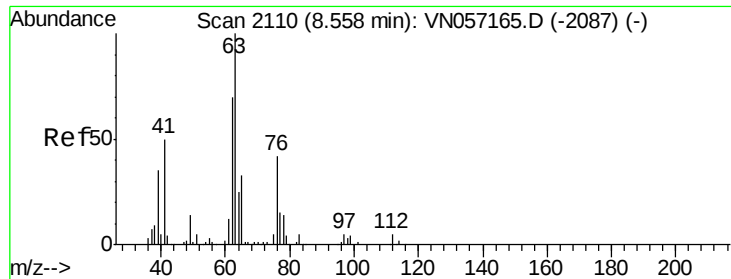
Tgt Ion: 130 Resp: 230305
 Ion Ratio Lower Upper
 130 100
 95 90.9 74.6 112.0



#38
 Methylcyclohexane
 Concen: 20.295 ug/l
 RT: 8.52 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion: 83 Resp: 316843
 Ion Ratio Lower Upper
 83 100
 55 71.3 36.5 109.7
 98 45.6 23.4 70.0

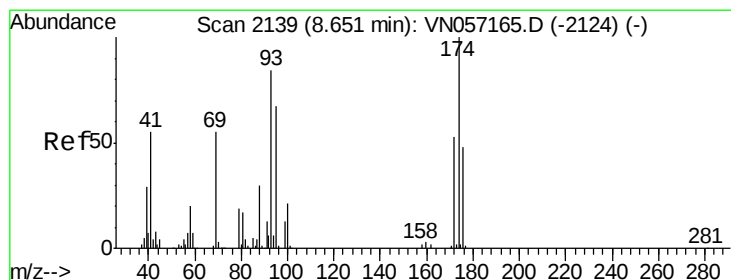
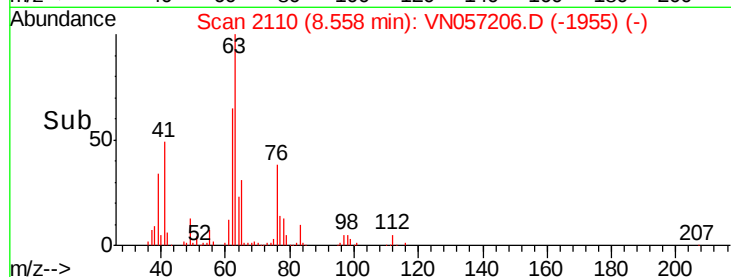
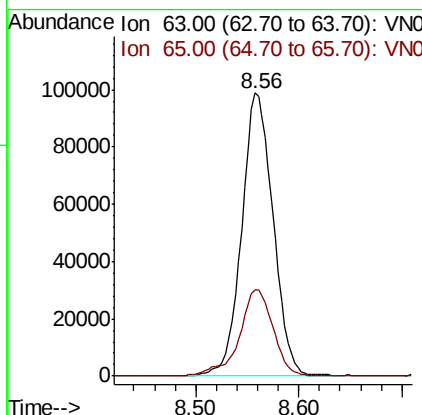
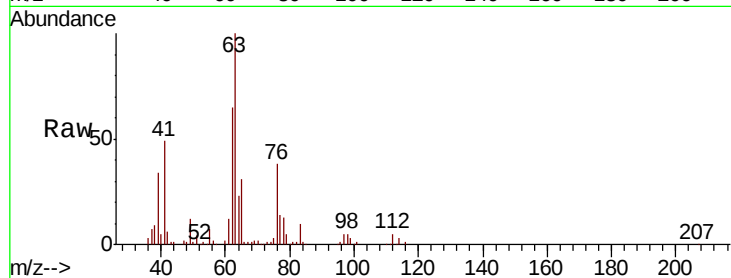




#39
 1,2-Dichloropropane
 Concen: 20.313 ug/l
 RT: 8.56 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

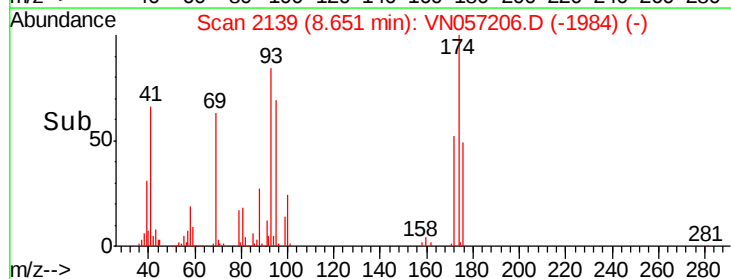
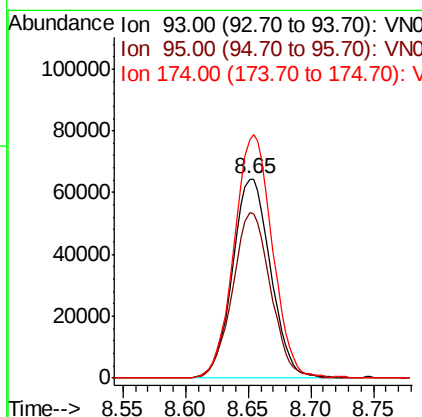
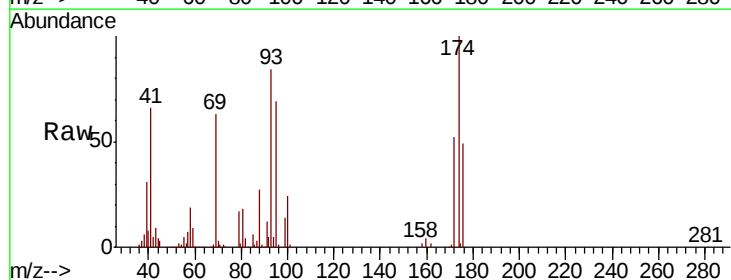
Instrument :
 MSVOA_N
 ClientSampled :
 VN0812WBS01

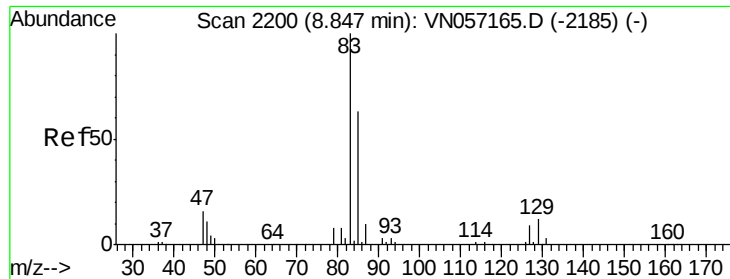
Tgt Ion: 63 Resp: 209089
 Ion Ratio Lower Upper
 63 100
 65 30.6 26.2 39.4



#40
 Dibromomethane
 Concen: 20.580 ug/l
 RT: 8.65 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion: 93 Resp: 136379
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 165.0
 174 122.2 0.0 245.4





#41

Bromodichloromethane

Concen: 20.112 ug/l

RT: 8.85 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

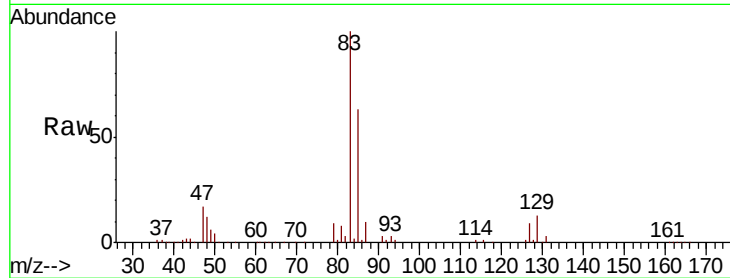
Tgt Ion: 83 Resp: 265012

Ion Ratio Lower Upper

83 100

85 63.2 50.6 76.0

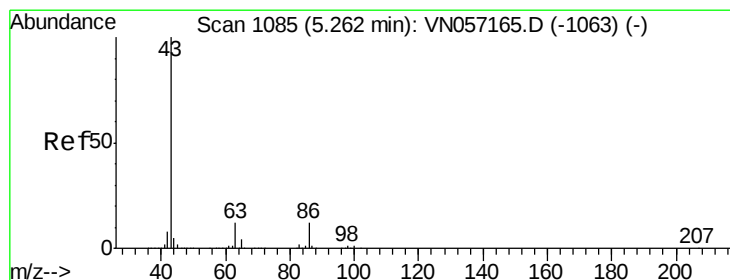
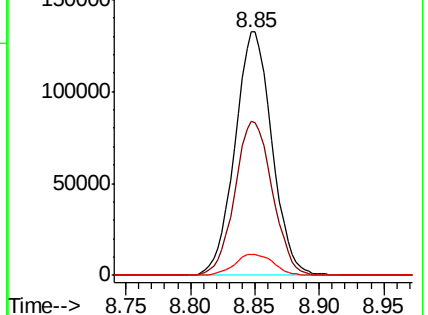
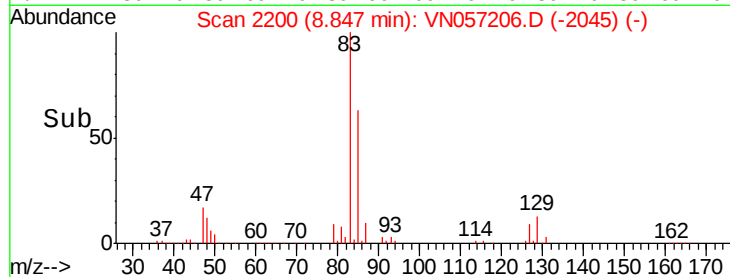
127 8.8 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 101.896 ug/l

RT: 5.27 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VN057206.D

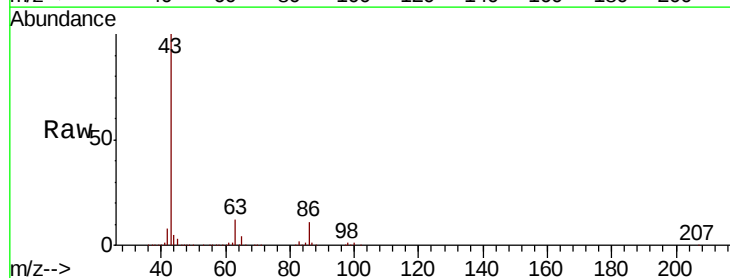
Acq: 12 Aug 2019 10:58

Tgt Ion: 43 Resp: 2181813

Ion Ratio Lower Upper

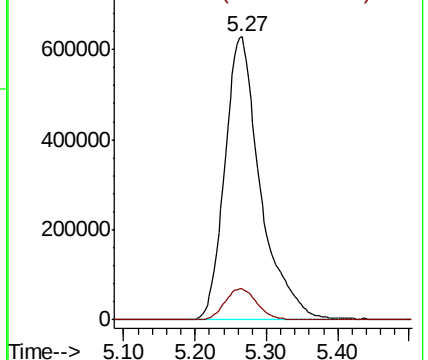
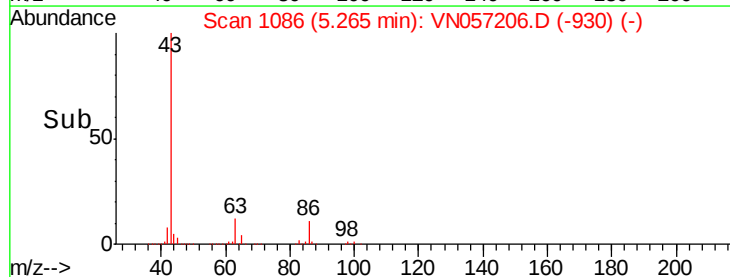
43 100

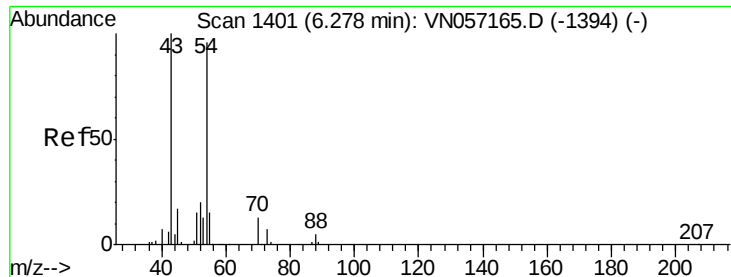
86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 18.793 ug/l

RT: 6.29 min Scan# 1404

Delta R.T. 0.01 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

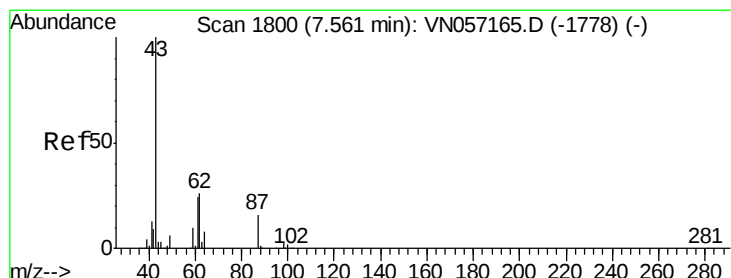
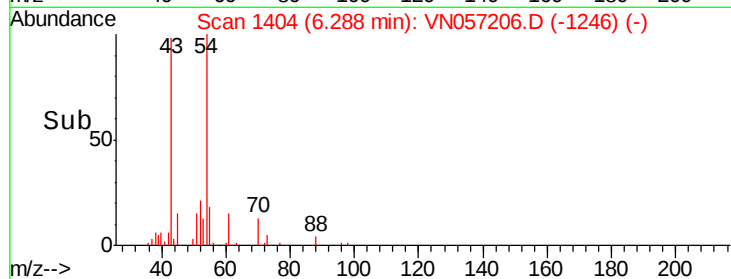
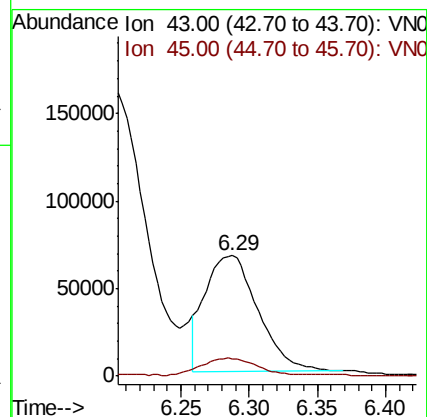
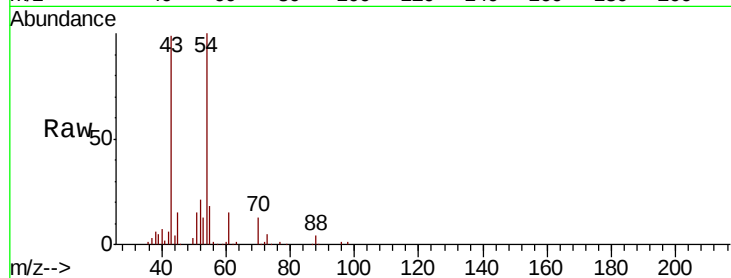
VN0812WBS01

Tgt Ion: 43 Resp: 178516

Ion Ratio Lower Upper

43 100

45 14.8 10.1 15.1



#44

Isopropyl Acetate

Concen: 21.736 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057206.D

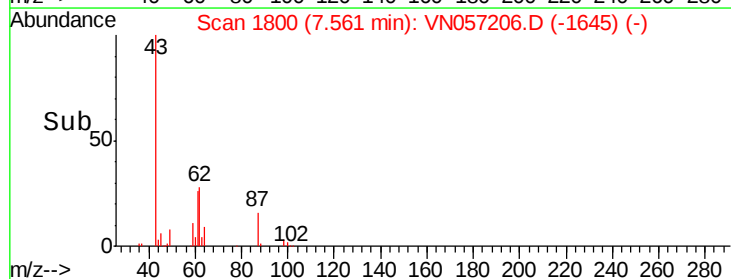
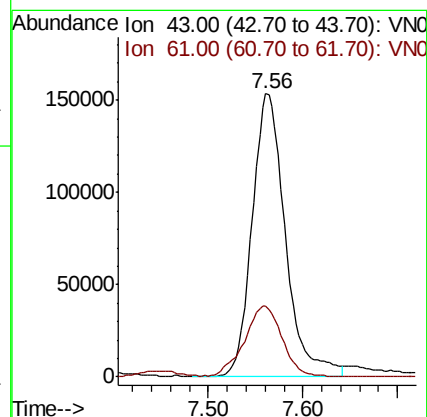
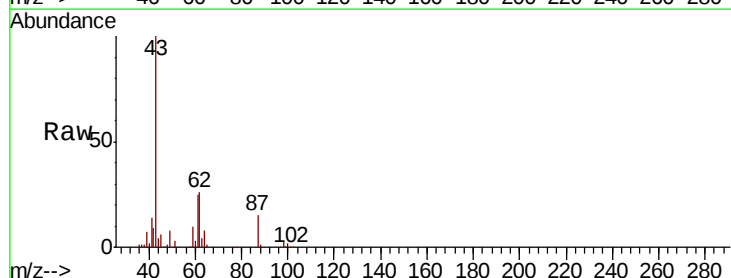
Acq: 12 Aug 2019 10:58

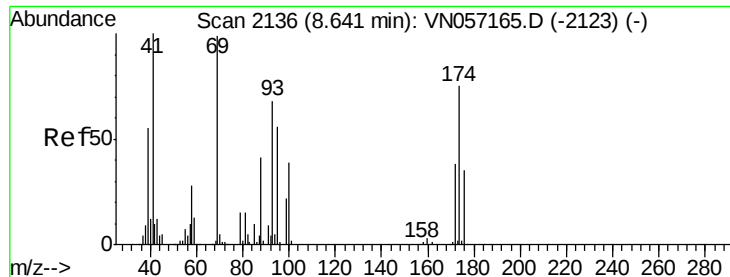
Tgt Ion: 43 Resp: 374887

Ion Ratio Lower Upper

43 100

61 27.8 22.2 33.4

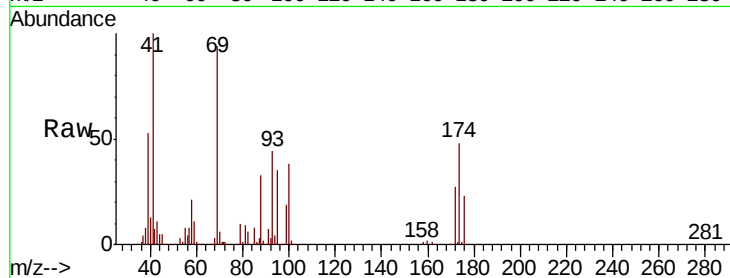




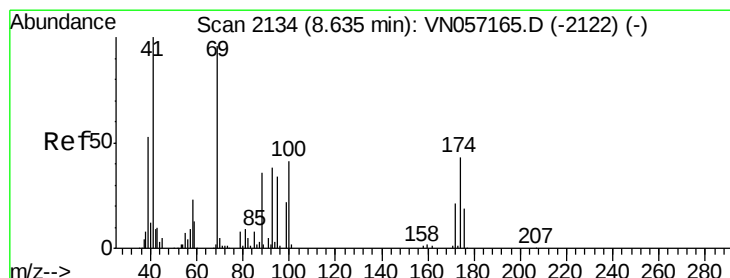
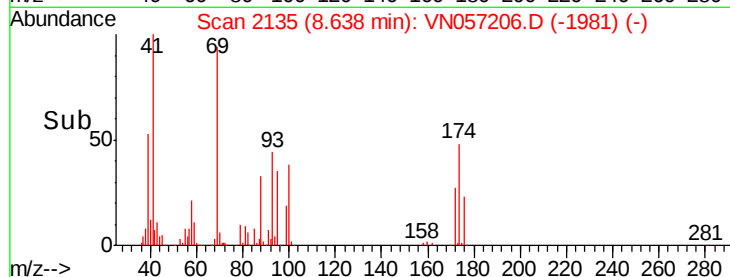
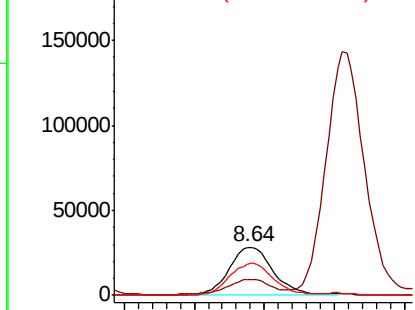
#45
 1,4-Dioxane
 Concen: 384.872 ug/l
 RT: 8.64 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Tgt Ion: 88 Resp: 61946
 Ion Ratio Lower Upper
 88 100
 43 29.5 20.5 30.7
 58 66.4 53.8 80.8

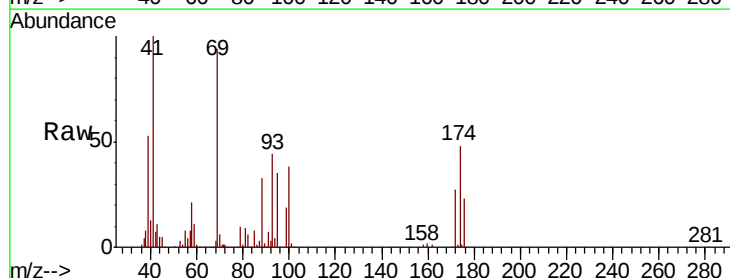


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

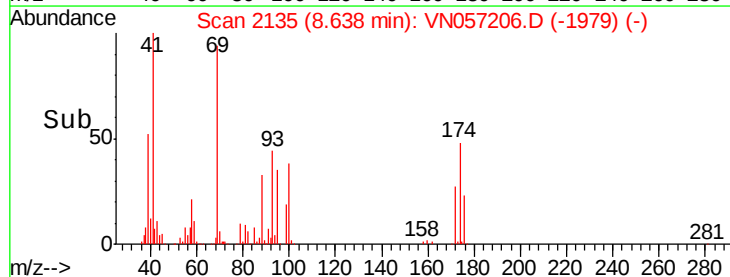
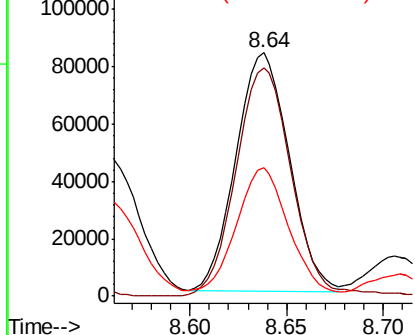


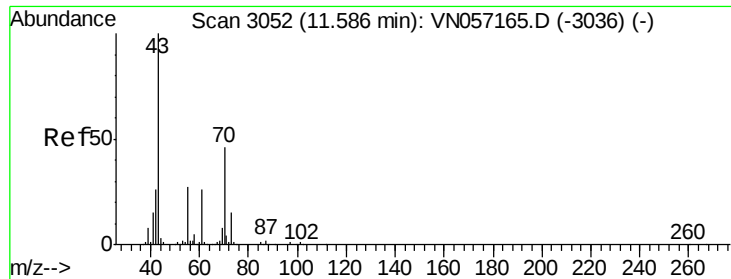
#46
 Methyl methacrylate
 Concen: 20.243 ug/l
 RT: 8.64 min Scan# 2135
 Delta R.T. 0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion: 41 Resp: 159185
 Ion Ratio Lower Upper
 41 100
 69 95.6 48.1 144.4
 39 52.2 26.5 79.5



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

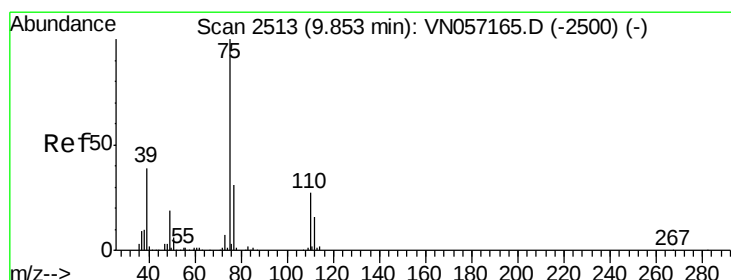
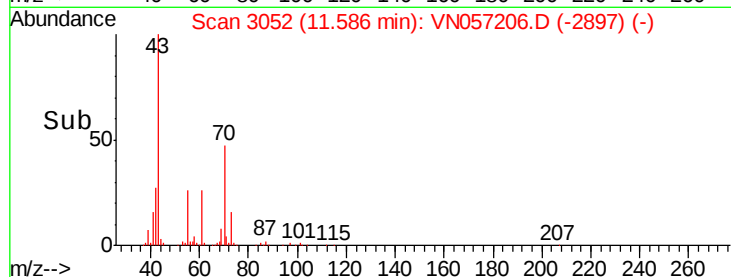
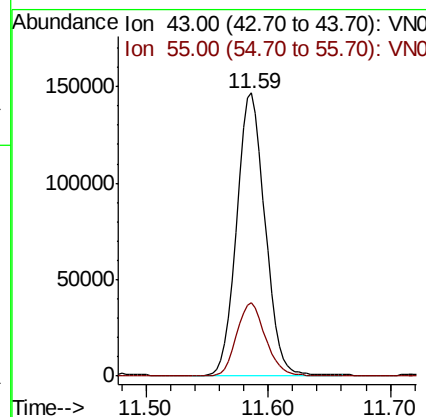
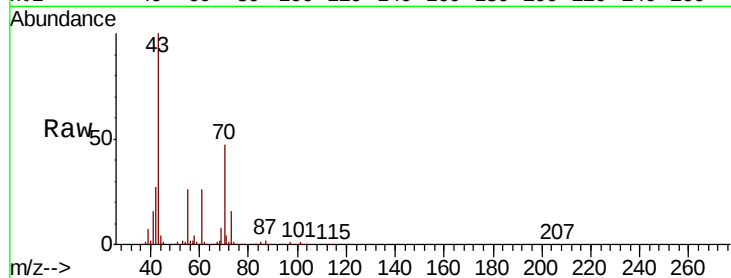




#47
n-amyl Acetate
Concen: 18.616 ug/l
RT: 11.59 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

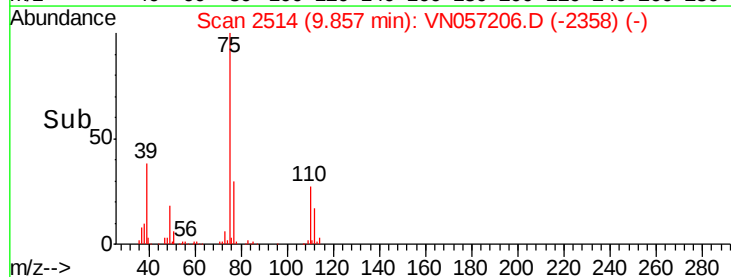
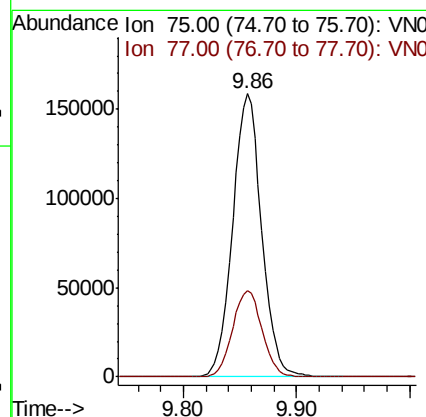
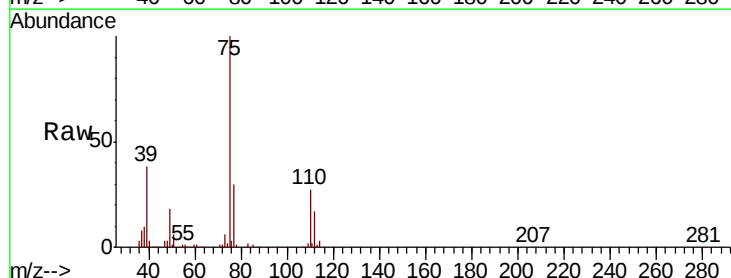
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

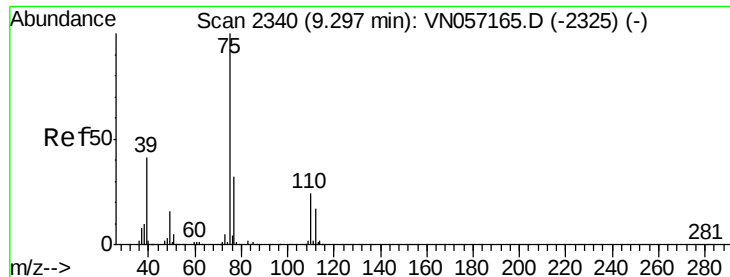
Tgt Ion: 43 Resp: 236216
Ion Ratio Lower Upper
43 100
55 26.5 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 20.097 ug/l
RT: 9.86 min Scan# 2514
Delta R.T. 0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Tgt Ion: 75 Resp: 282370
Ion Ratio Lower Upper
75 100
77 30.5 24.9 37.3



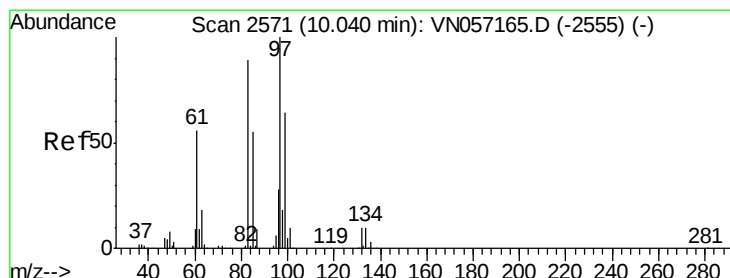
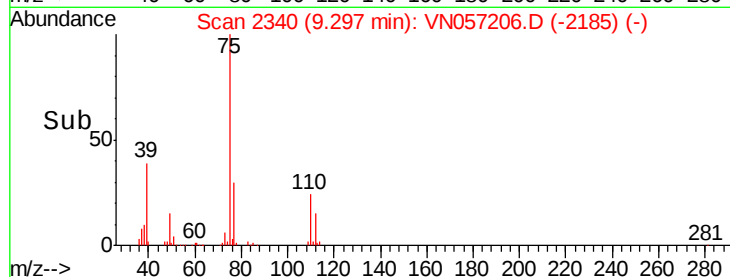
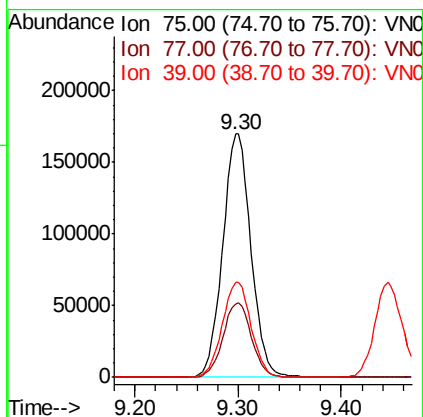
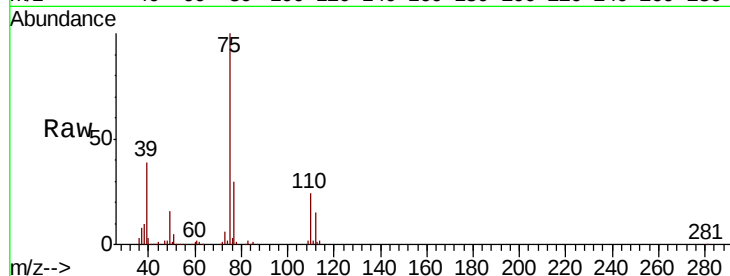


#49

cis-1,3-Dichloropropene
 Concen: 20.278 ug/l
 RT: 9.30 min Scan# 2340
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

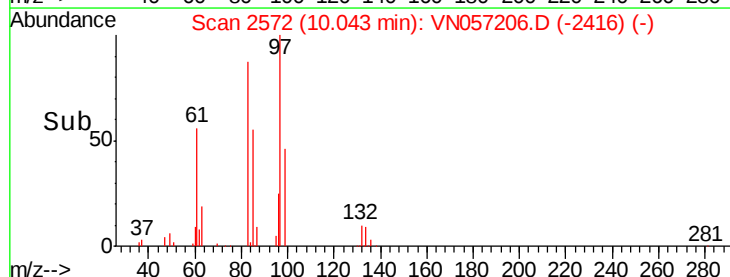
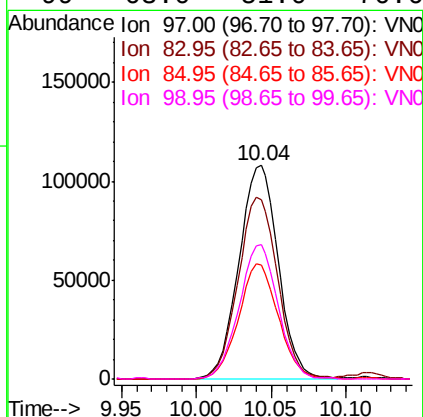
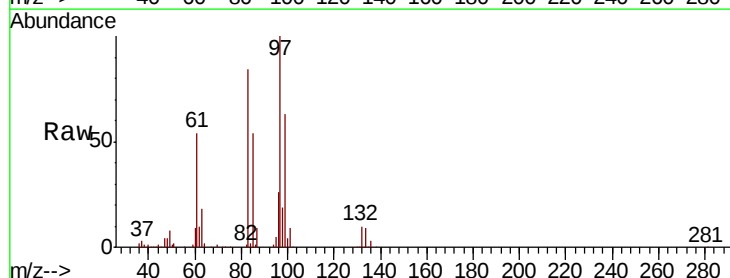
Tgt Ion:	75	Resp:	322975
Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.8	38.8
39	38.9	33.0	49.6

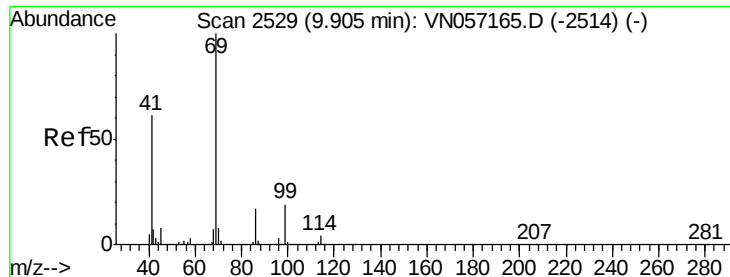


#50

1,1,2-Trichloroethane
 Concen: 20.858 ug/l
 RT: 10.04 min Scan# 2572
 Delta R.T. 0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion:	97	Resp:	197551
Ion	Ratio	Lower	Upper
97	100		
83	84.1	71.4	107.0
85	53.6	43.8	65.8
99	63.0	51.0	76.6





#51

Ethyl methacrylate

Concen: 20.359 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

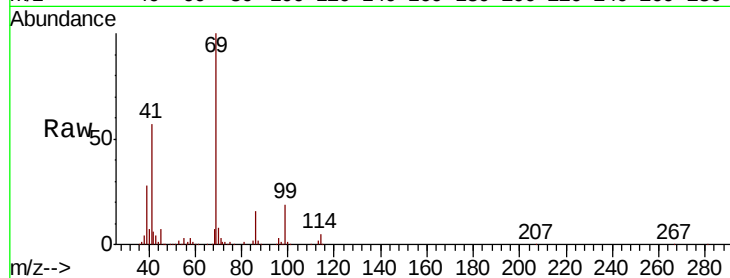
Tgt Ion: 69 Resp: 272118

Ion Ratio Lower Upper

69 100

41 57.1 30.4 91.2

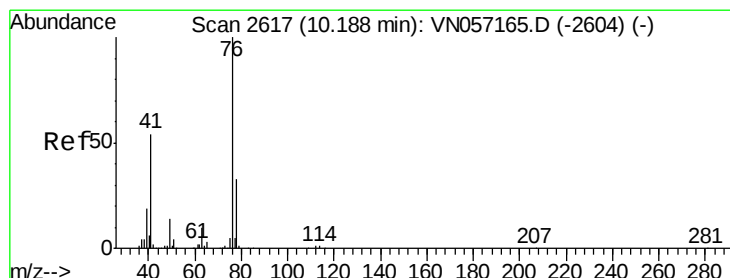
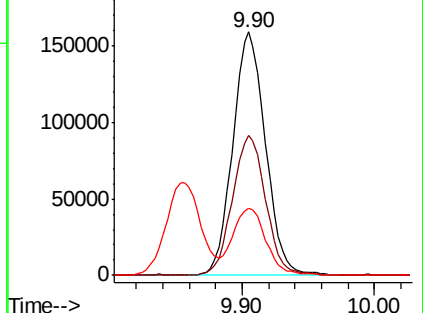
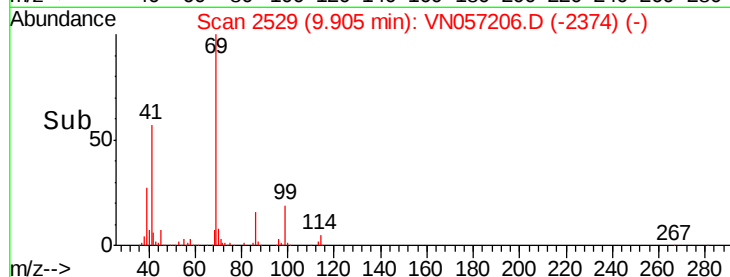
39 27.5 14.8 44.4



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 20.410 ug/l

RT: 10.19 min Scan# 2618

Delta R.T. 0.00 min

Lab File: VN057206.D

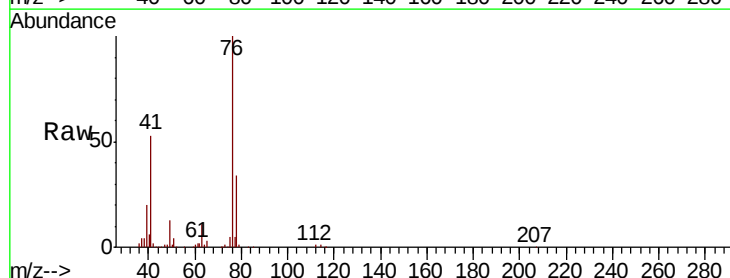
Acq: 12 Aug 2019 10:58

Tgt Ion: 76 Resp: 322207

Ion Ratio Lower Upper

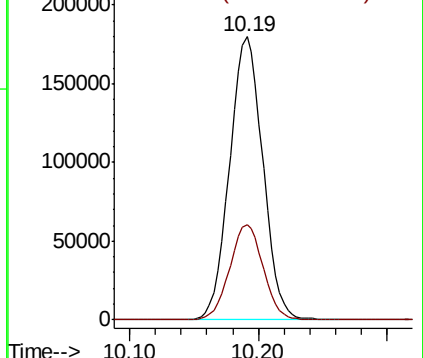
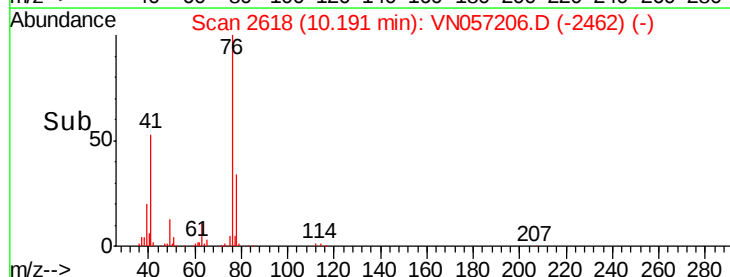
76 100

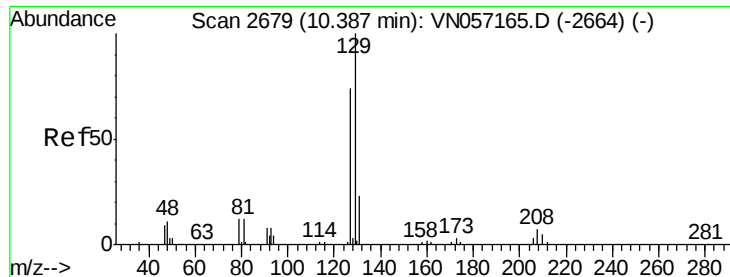
78 34.0 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

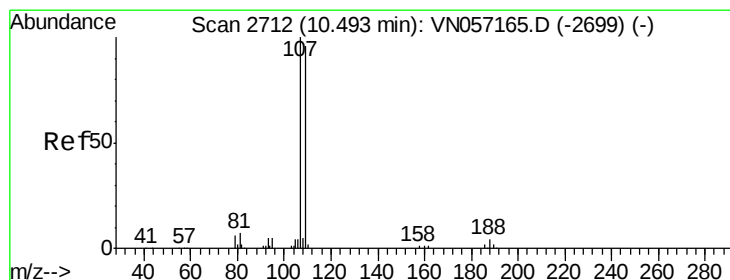
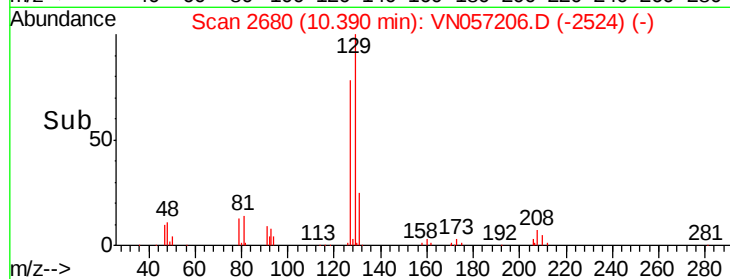
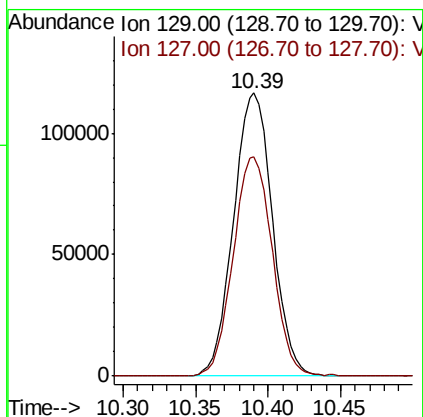
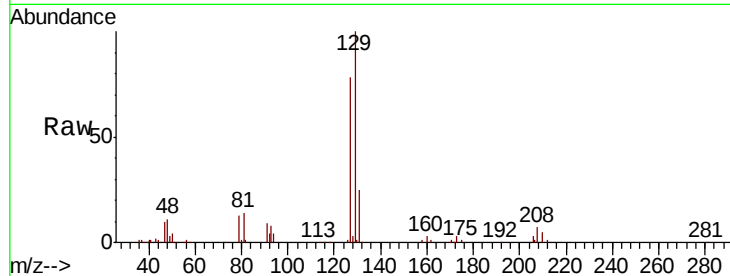




#53
 Dibromochloromethane
 Concen: 20.408 ug/l
 RT: 10.39 min Scan# 2680
 Delta R.T. 0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

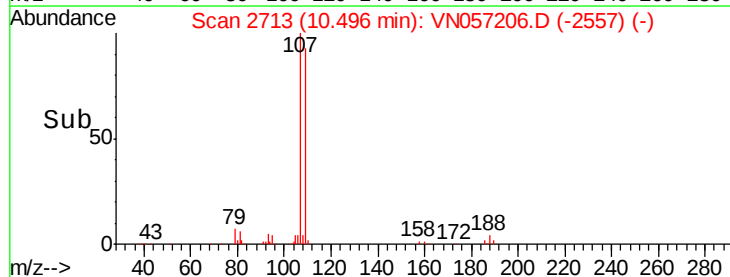
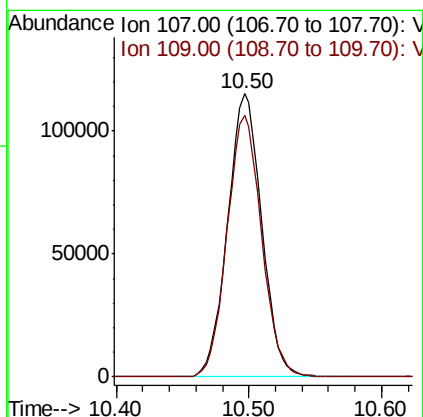
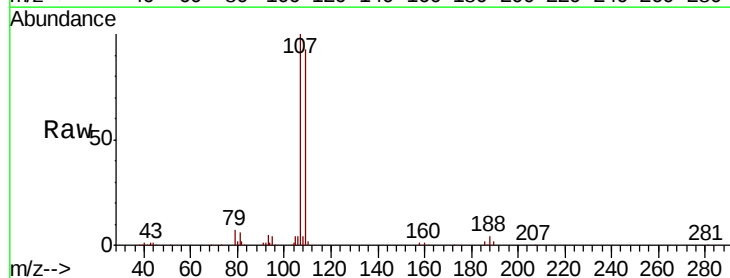
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

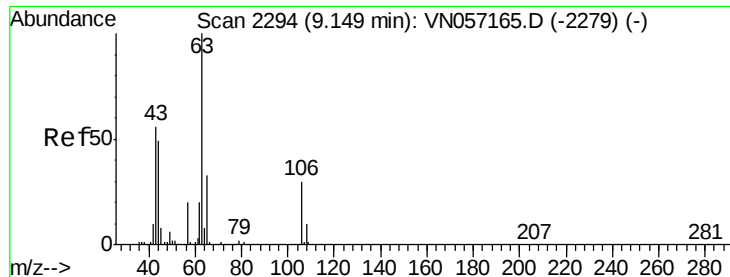
Tgt Ion:129 Resp: 217797
 Ion Ratio Lower Upper
 129 100
 127 77.7 38.2 114.6



#54
 1,2-Dibromoethane
 Concen: 20.789 ug/l
 RT: 10.50 min Scan# 2713
 Delta R.T. 0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion:107 Resp: 205538
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.8 115.2

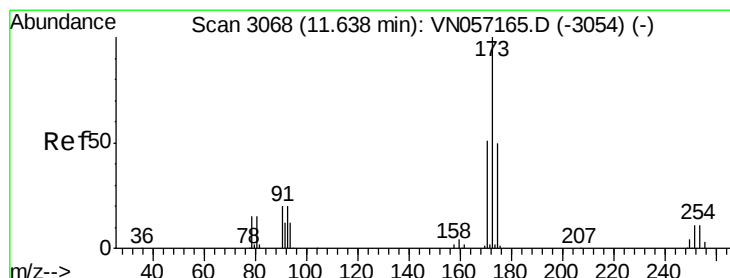
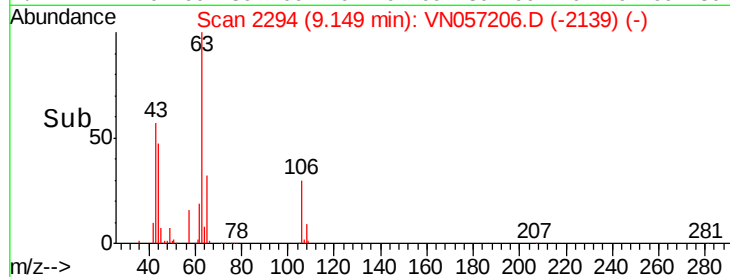
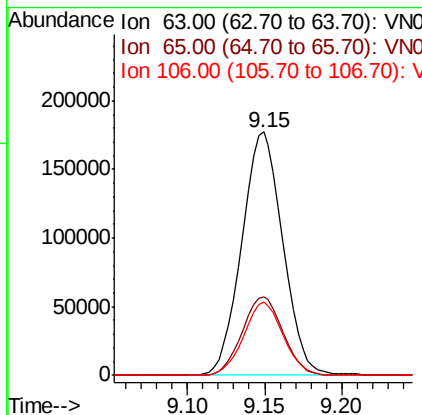
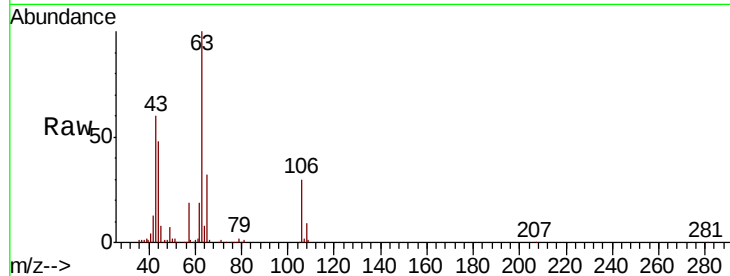




#55
 2-Chloroethyl vinyl ether
 Concen: 86.719 ug/l
 RT: 9.15 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

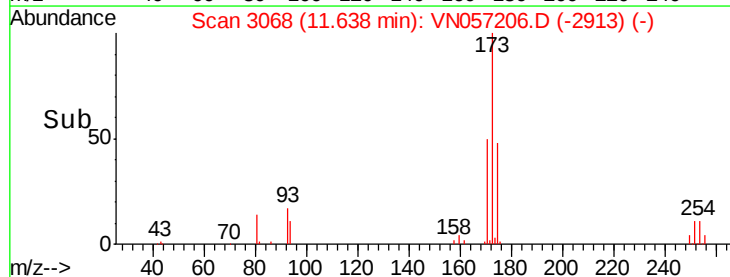
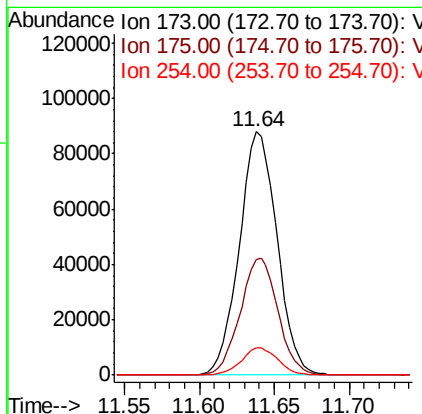
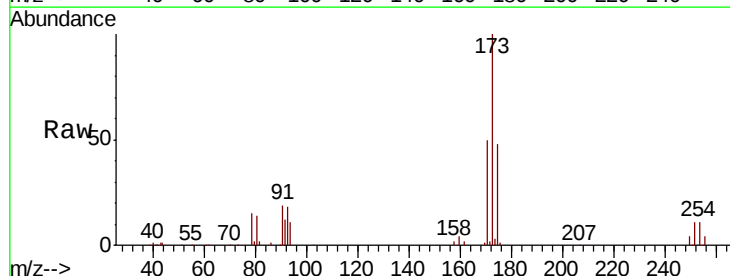
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

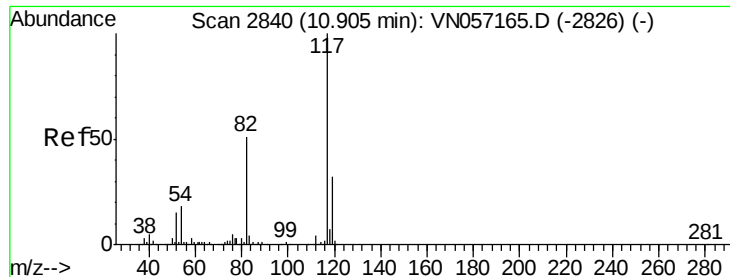
Tgt Ion: 63 Resp: 327270
 Ion Ratio Lower Upper
 63 100
 65 32.1 26.0 39.0
 106 29.1 23.3 34.9



#56
 Bromoform
 Concen: 19.594 ug/l
 RT: 11.64 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion: 173 Resp: 154529
 Ion Ratio Lower Upper
 173 100
 175 47.8 39.0 58.4
 254 10.8 8.6 13.0

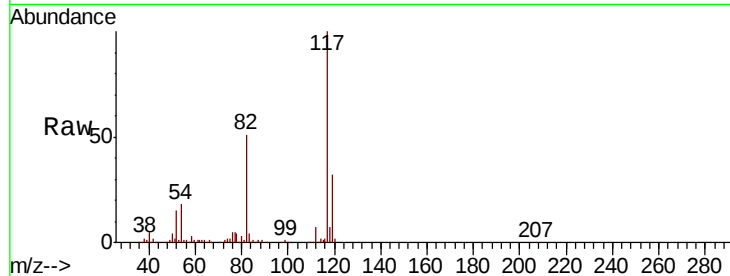




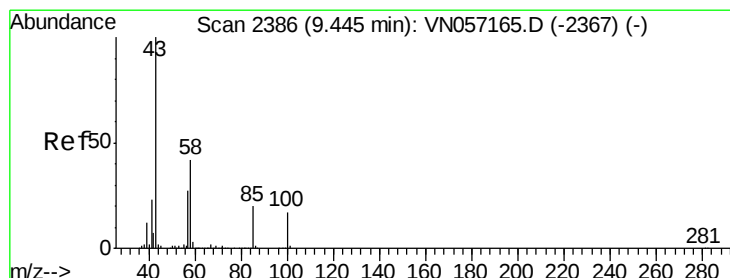
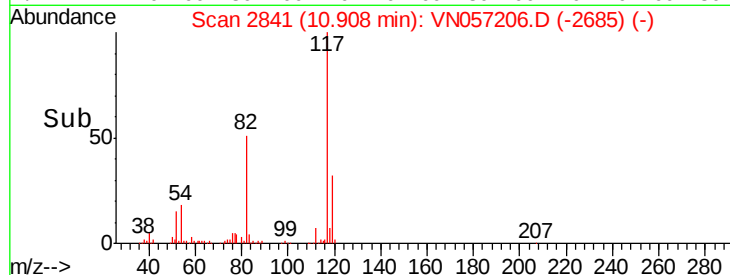
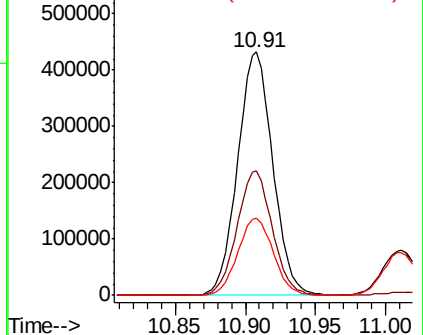
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Instrument :
MSVOA_N
ClientSampled :
VN0812WBS01

Tgt Ion: 117 Resp: 755440
Ion Ratio Lower Upper
117 100
82 51.1 41.5 62.3
119 32.0 26.1 39.1

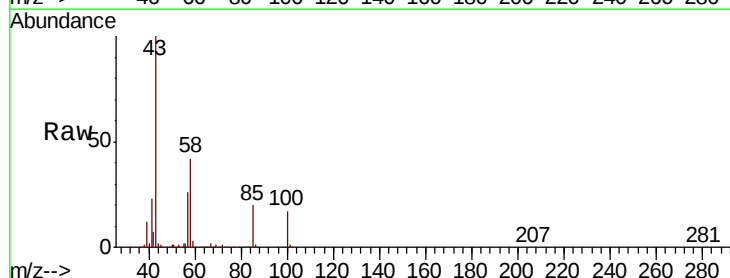


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

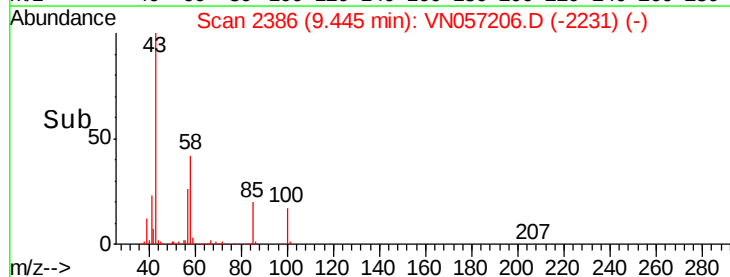
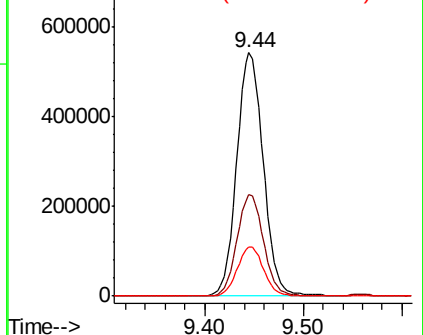


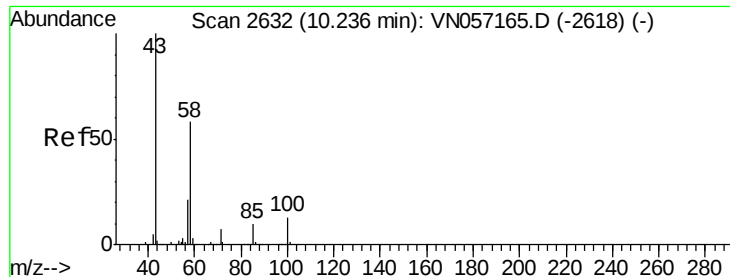
#58
4-Methyl-2-Pentanone
Concen: 103.847 ug/l
RT: 9.44 min Scan# 2386
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Tgt Ion: 43 Resp: 1007807
Ion Ratio Lower Upper
43 100
58 41.6 32.8 49.2
85 20.2 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN

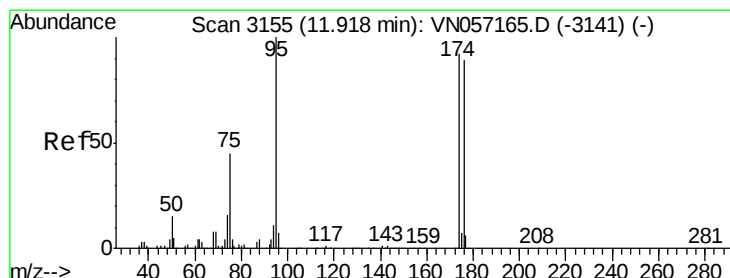
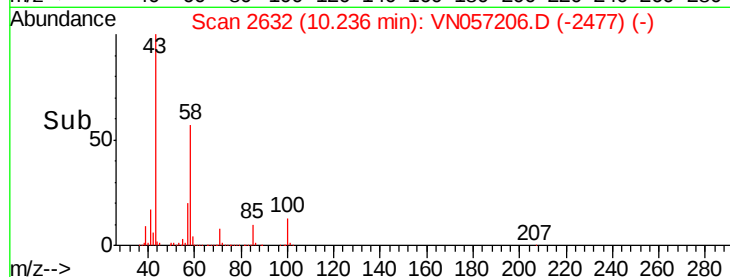
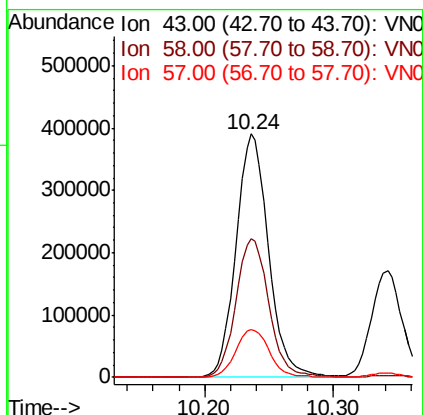
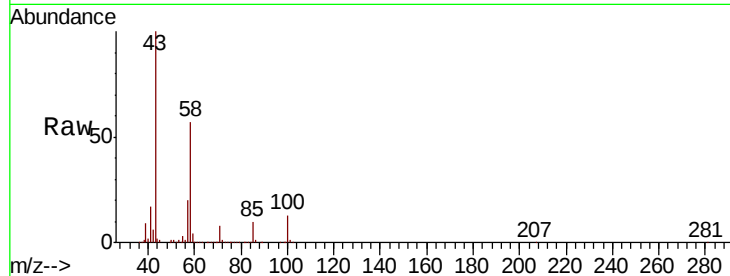




#59
2-Hexanone
Concen: 97.679 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

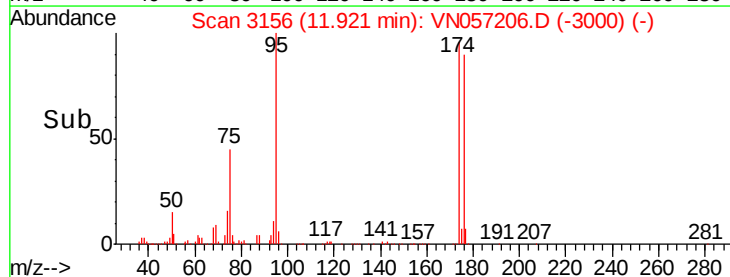
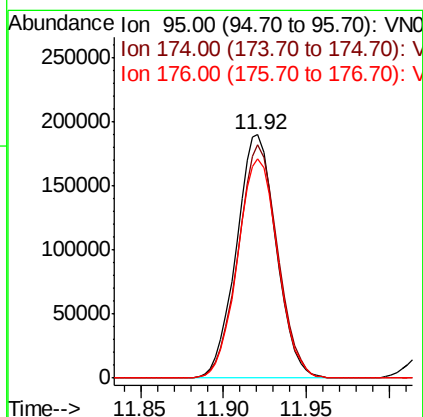
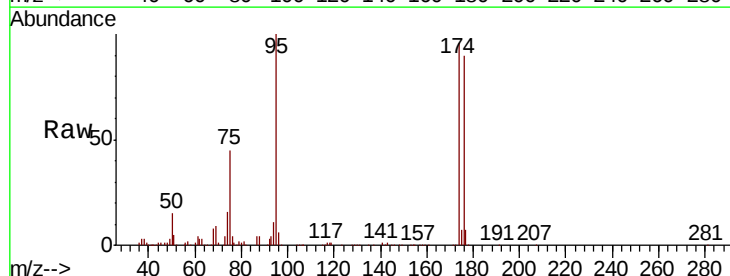
Instrument :
MSVOA_N
ClientSampled :
VN0812WBS01

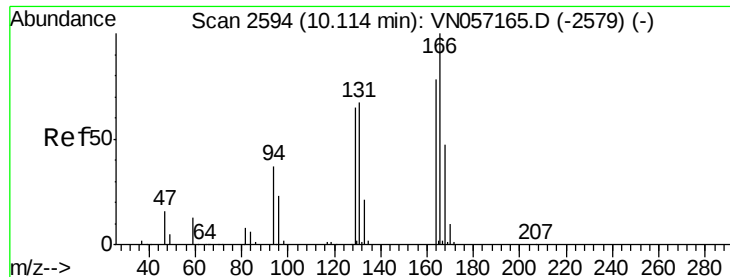
Tgt Ion: 43 Resp: 681520
Ion Ratio Lower Upper
43 100
58 58.2 45.4 68.2
57 20.5 16.1 24.1



#60
4-Bromofluorobenzene
Concen: 28.231 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Tgt Ion: 95 Resp: 317555
Ion Ratio Lower Upper
95 100
174 95.0 74.9 112.3
176 91.3 72.1 108.1





#61

Tetrachloroethene

Concen: 20.650 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS01

Tgt Ion:164 Resp: 239427

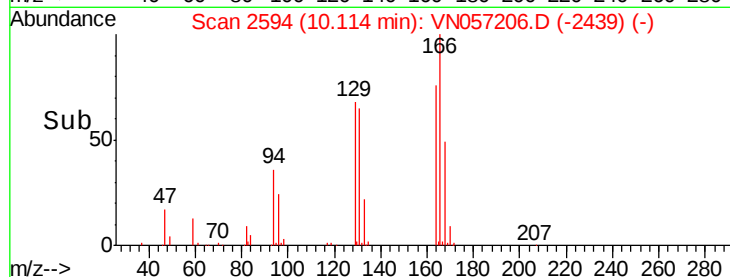
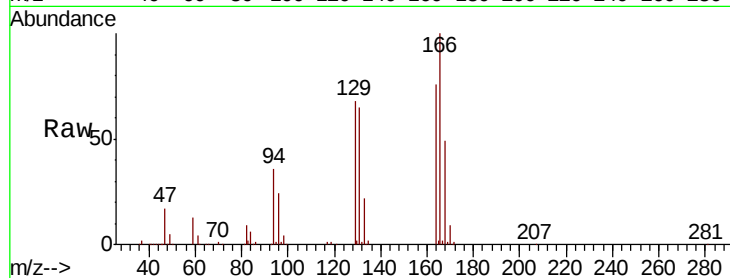
Ion Ratio Lower Upper

164 100

166 130.6 103.0 154.6

129 88.7 67.3 100.9

131 84.9 68.5 102.7

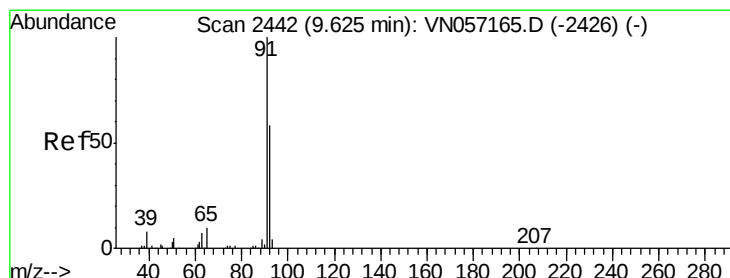
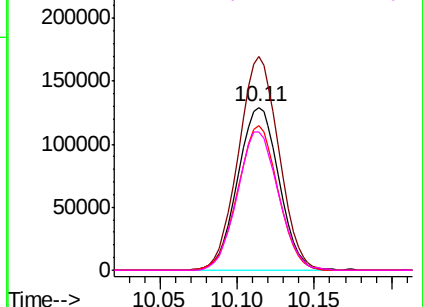


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.272 ug/l

RT: 9.63 min Scan# 2442

Delta R.T. -0.00 min

Lab File: VN057206.D

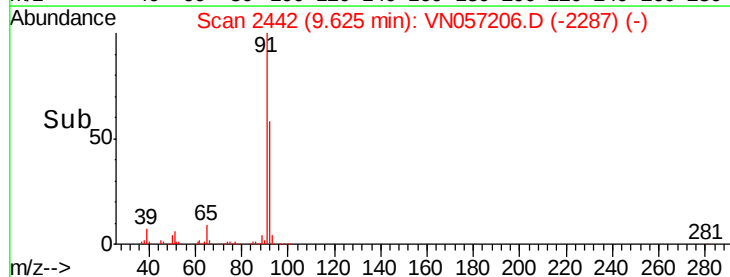
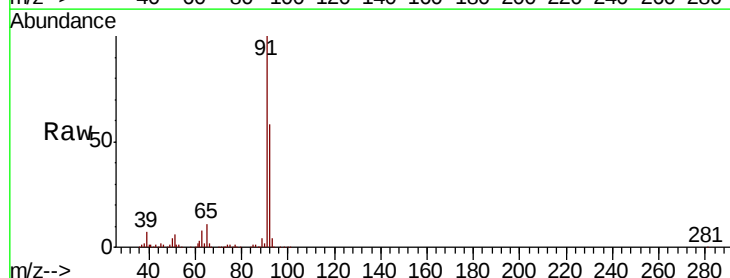
Acq: 12 Aug 2019 10:58

Tgt Ion: 91 Resp: 871700

Ion Ratio Lower Upper

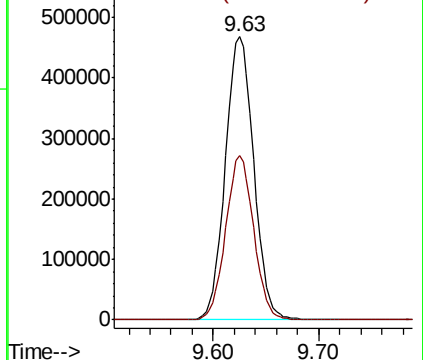
91 100

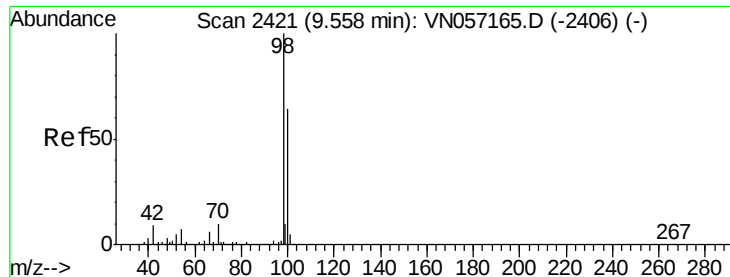
92 57.3 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.423 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

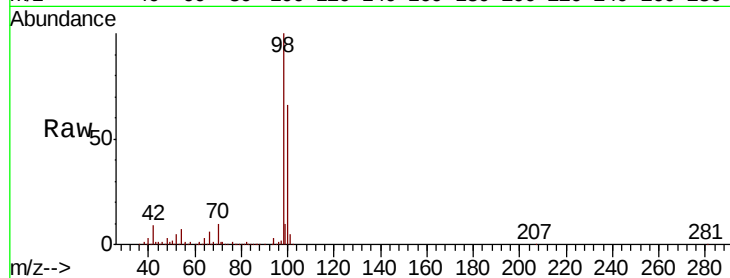
VN0812WBS01

Tgt Ion: 98 Resp: 1060936

Ion Ratio Lower Upper

98 100

100 64.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

9.56

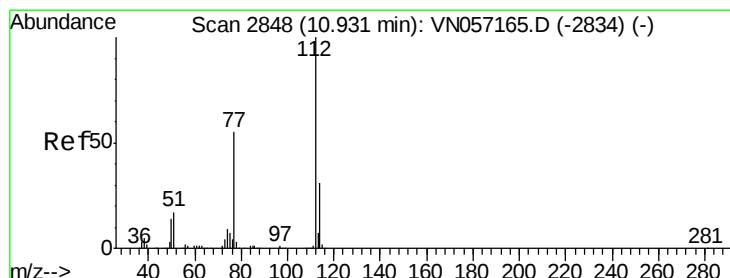
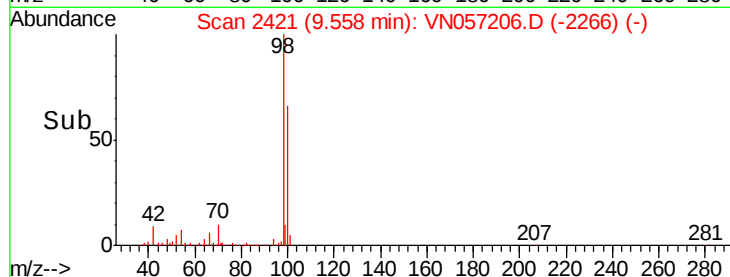
600000

400000

200000

0

Time-->



#64

Chlorobenzene

Concen: 20.213 ug/l

RT: 10.93 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VN057206.D

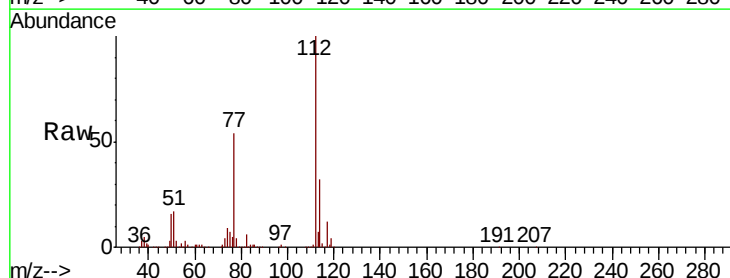
Acq: 12 Aug 2019 10:58

Tgt Ion: 112 Resp: 534587

Ion Ratio Lower Upper

112 100

114 32.1 25.0 37.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

10.93

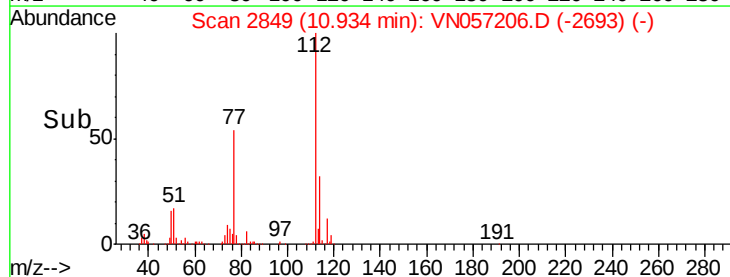
300000

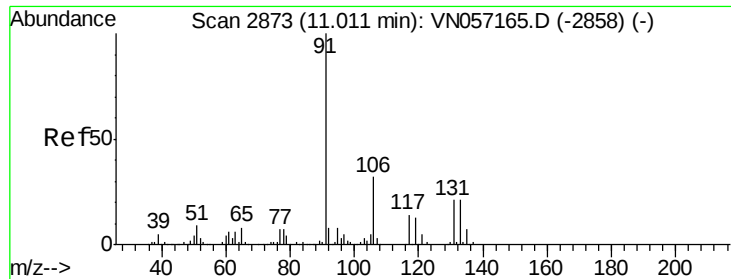
200000

100000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.171 ug/l

RT: 11.01 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

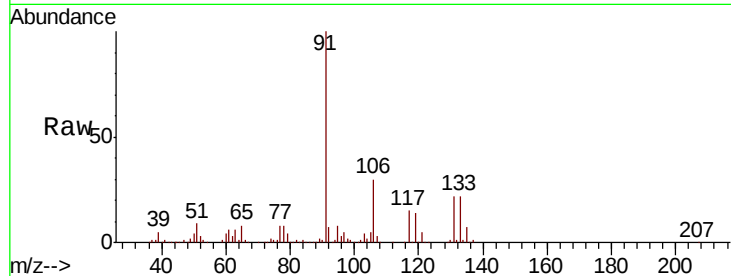
Tgt Ion:131 Resp: 204574

Ion Ratio Lower Upper

131 100

133 99.6 0.0 196.0

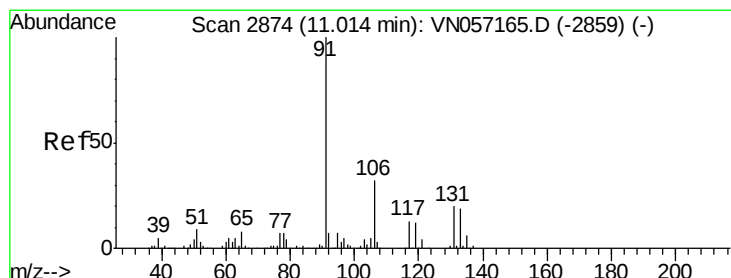
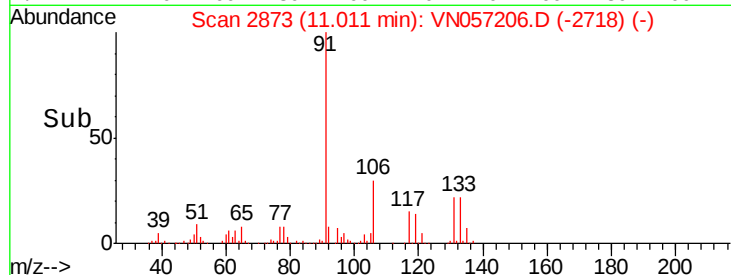
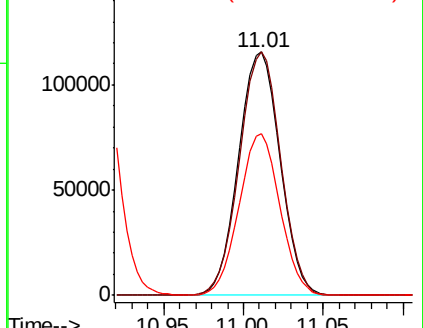
119 65.3 0.0 132.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.155 ug/l

RT: 11.01 min Scan# 2874

Delta R.T. -0.00 min

Lab File: VN057206.D

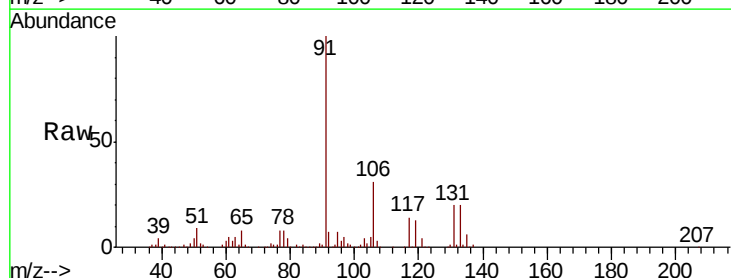
Acq: 12 Aug 2019 10:58

Tgt Ion: 91 Resp: 929014

Ion Ratio Lower Upper

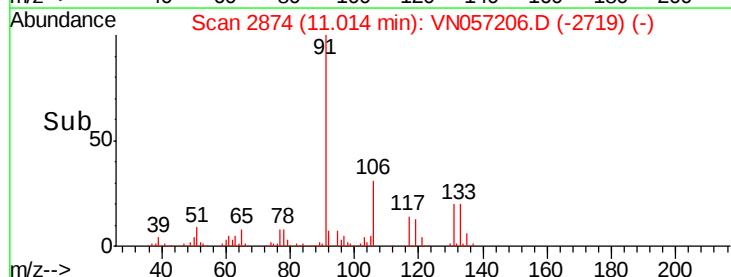
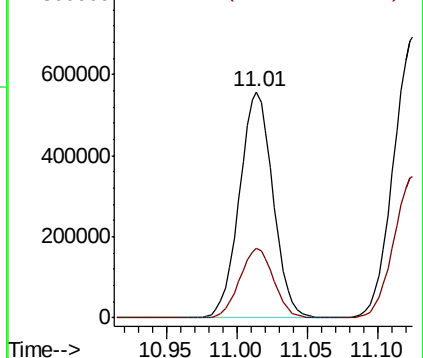
91 100

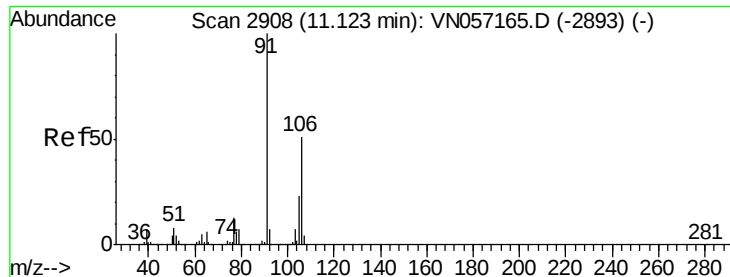
106 30.8 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

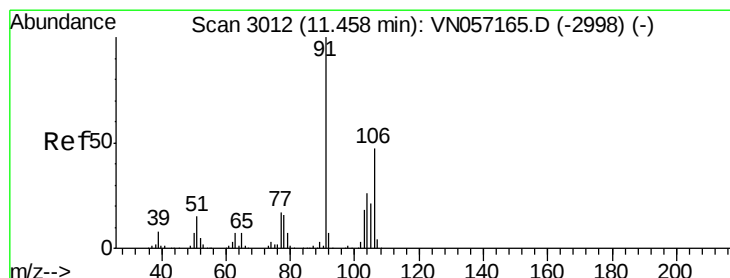
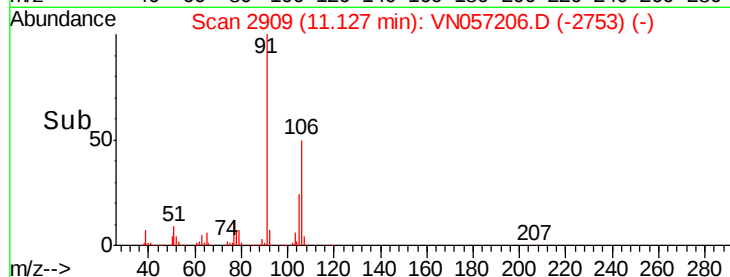
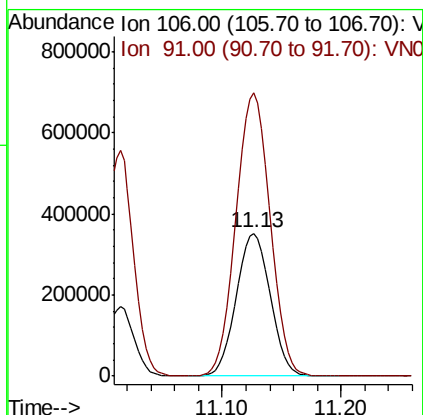
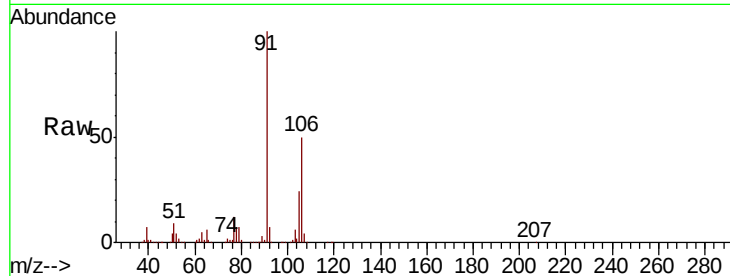




#67
m/p-Xylenes
Concen: 40.100 ug/l
RT: 11.13 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

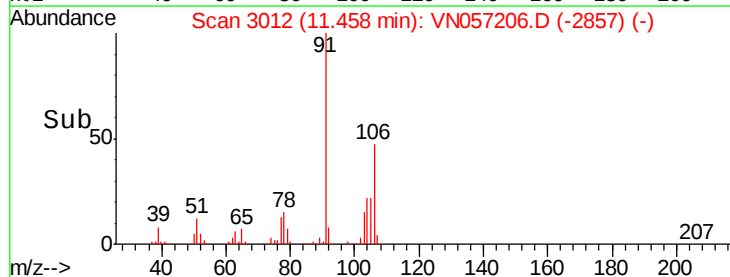
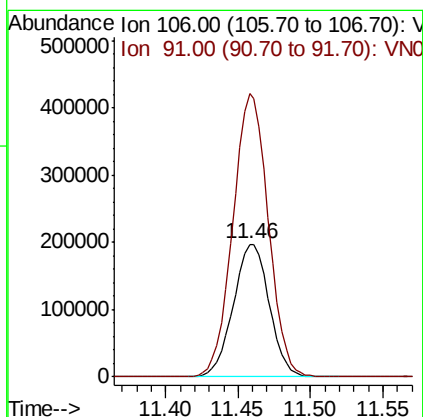
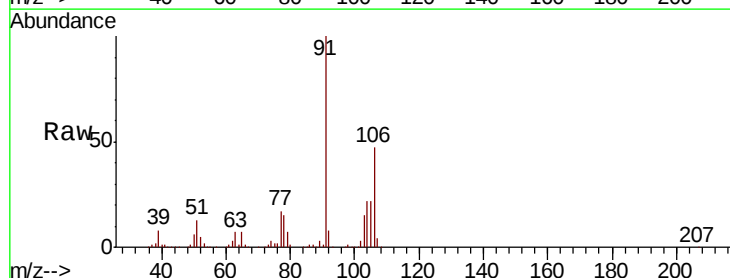
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

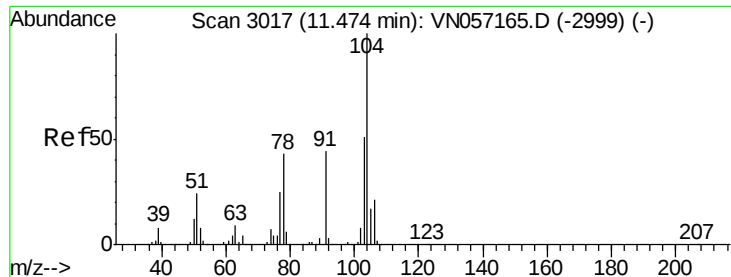
Tgt Ion:106 Resp: 697023
Ion Ratio Lower Upper
106 100
91 199.5 160.5 240.7



#68
o-Xylene
Concen: 20.071 ug/l
RT: 11.46 min Scan# 3012
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Tgt Ion:106 Resp: 338716
Ion Ratio Lower Upper
106 100
91 210.7 105.3 315.8





#69

Styrene

Concen: 19.532 ug/l

RT: 11.47 min Scan# 3017

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS01

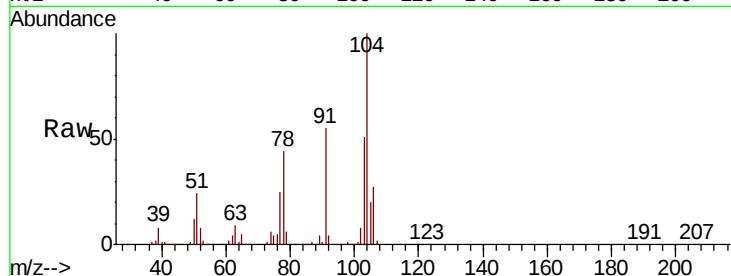
Tgt Ion:104 Resp: 528549

Ion Ratio Lower Upper

104 100

78 48.1 38.7 58.1

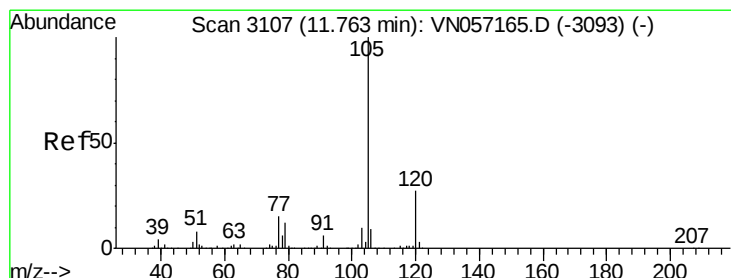
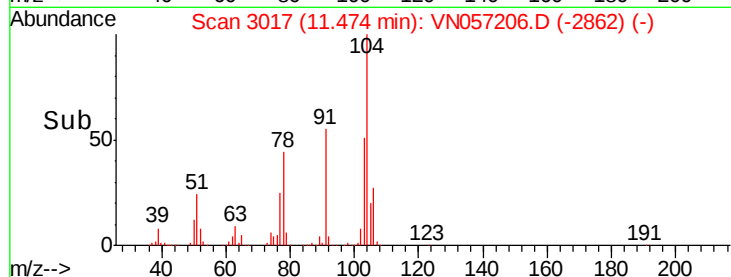
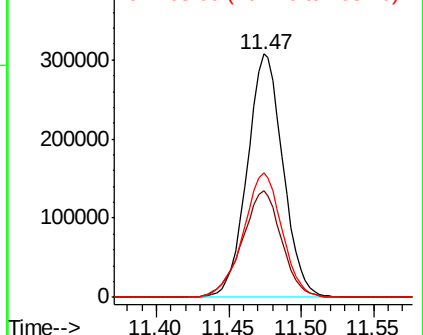
103 55.1 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.957 ug/l

RT: 11.77 min Scan# 3108

Delta R.T. 0.00 min

Lab File: VN057206.D

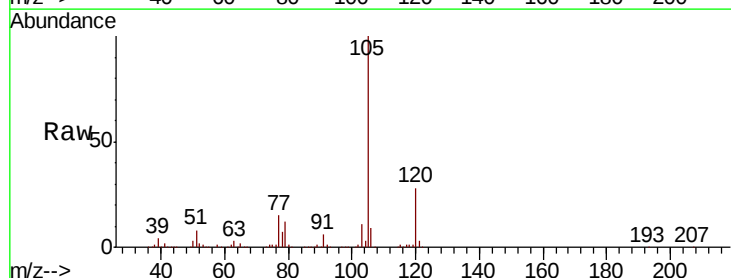
Acq: 12 Aug 2019 10:58

Tgt Ion:105 Resp: 906733

Ion Ratio Lower Upper

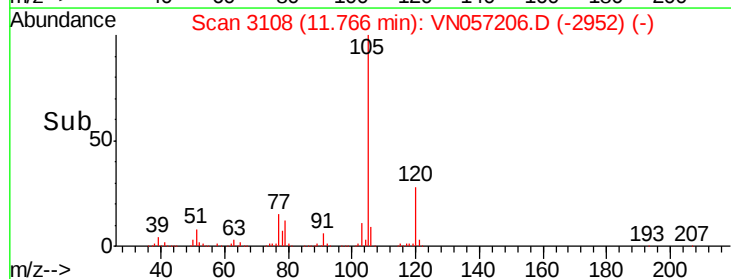
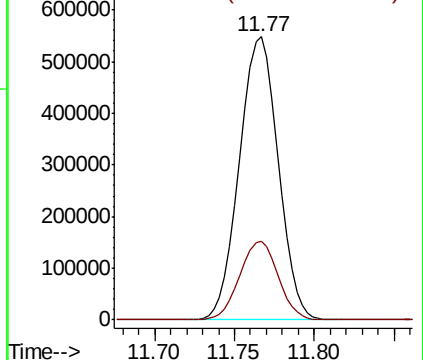
105 100

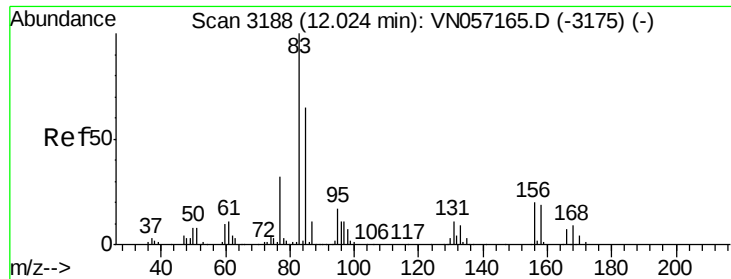
120 27.5 19.1 35.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

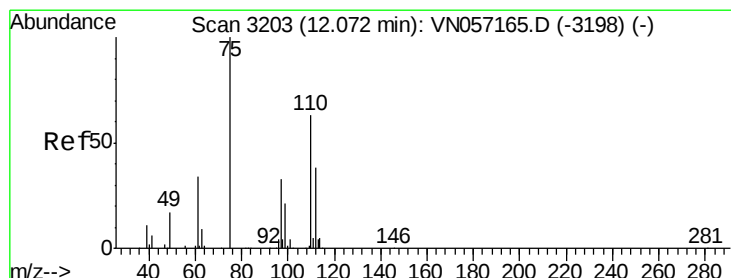
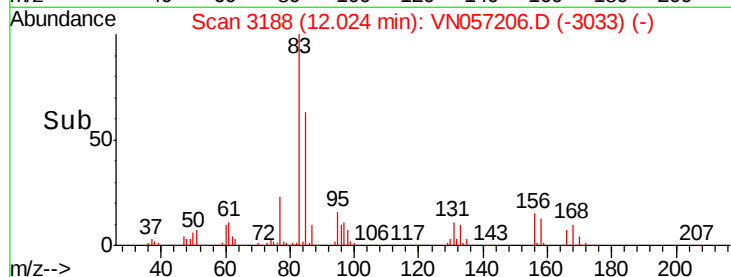
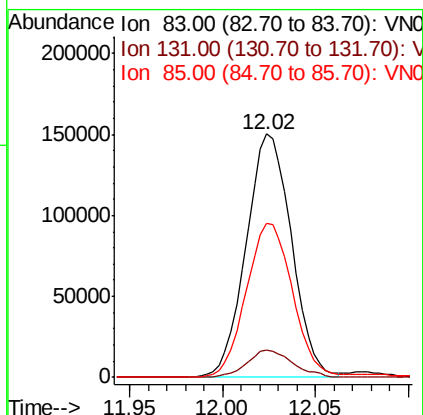
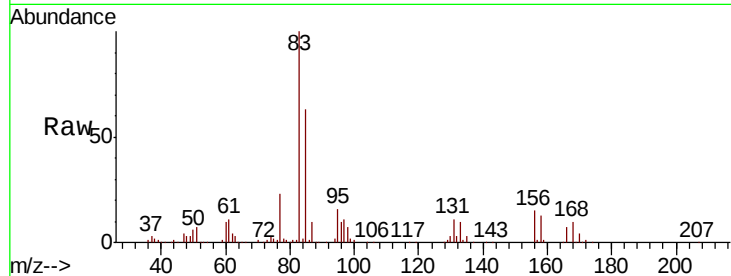




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.501 ug/l
 RT: 12.02 min Scan# 3188
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

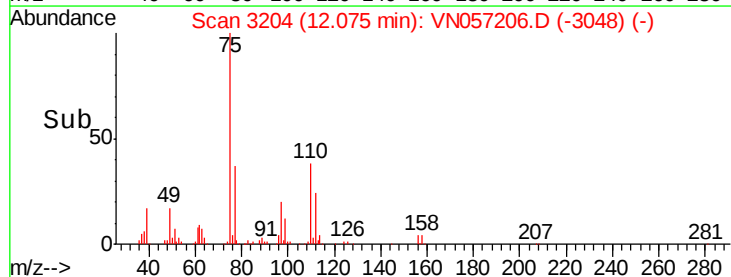
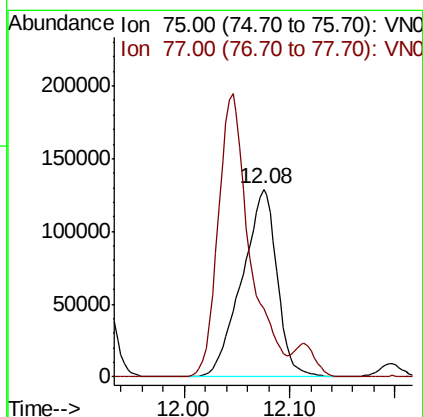
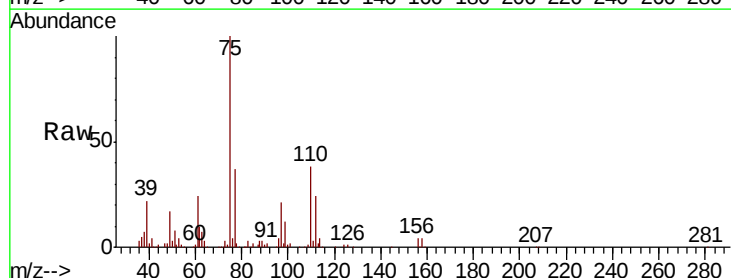
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

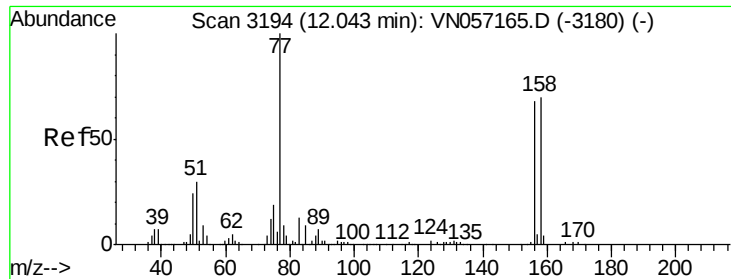
Tgt Ion: 83 Resp: 255109
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.5 16.5
 85 64.6 32.6 98.0



#72
 1,2,3-Trichloropropane
 Concen: 27.508 ug/l
 RT: 12.08 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion: 75 Resp: 299593
 Ion Ratio Lower Upper
 75 100
 77 134.9 0.0 379.4





#73

Bromobenzene

Concen: 19.419 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS01

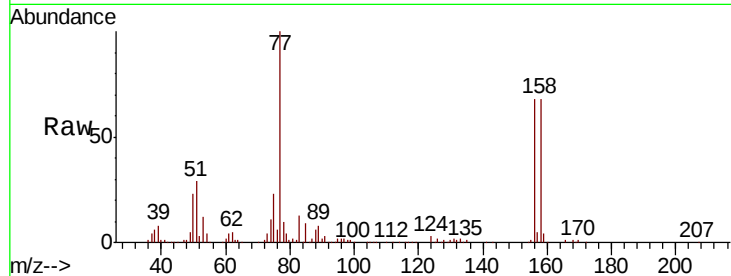
Tgt Ion:156 Resp: 228786

Ion Ratio Lower Upper

156 100

77 176.7 0.0 361.6

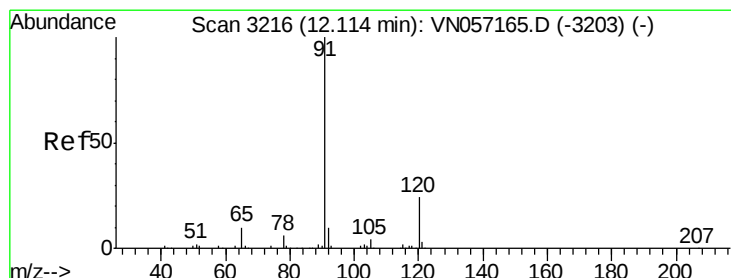
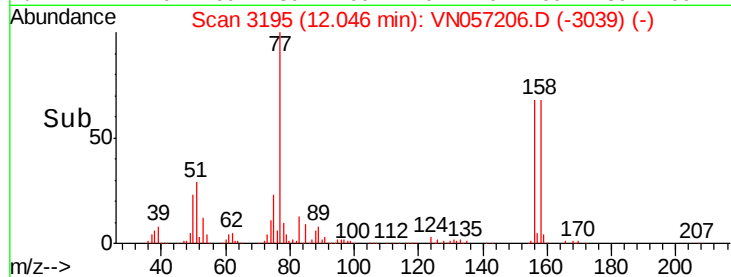
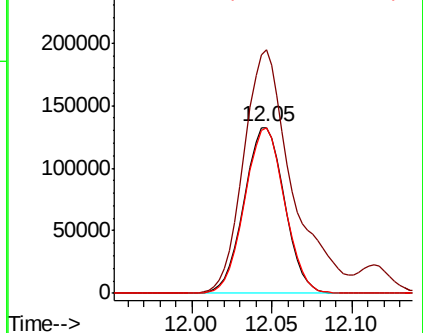
158 98.7 0.0 200.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.919 ug/l

RT: 12.11 min Scan# 3216

Delta R.T. -0.00 min

Lab File: VN057206.D

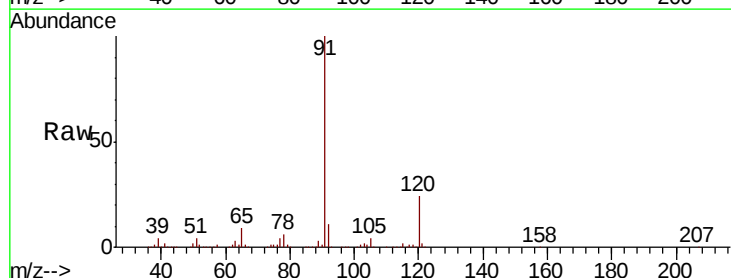
Acq: 12 Aug 2019 10:58

Tgt Ion: 91 Resp: 902387

Ion Ratio Lower Upper

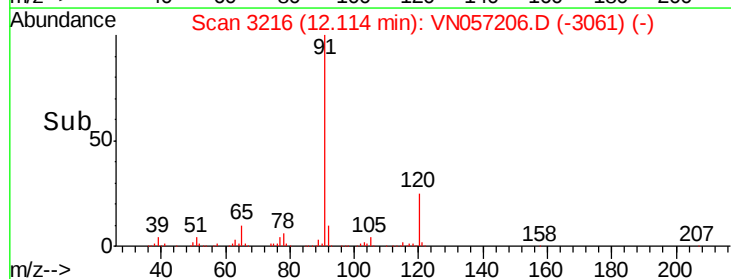
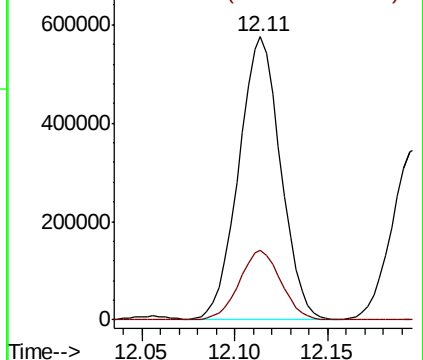
91 100

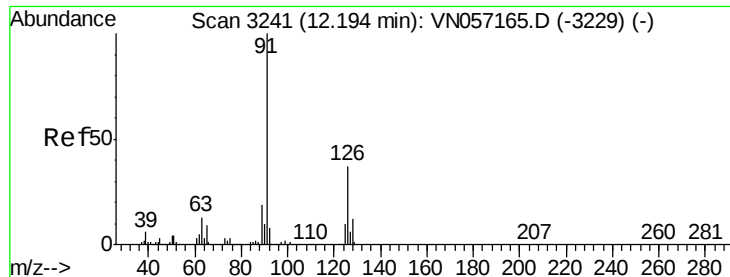
120 24.5 0.0 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.650 ug/l

RT: 12.20 min Scan# 3242

Delta R.T. 0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

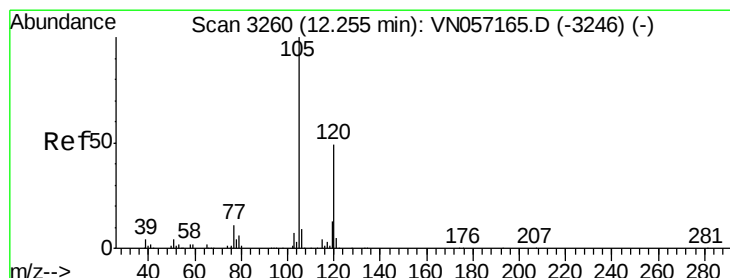
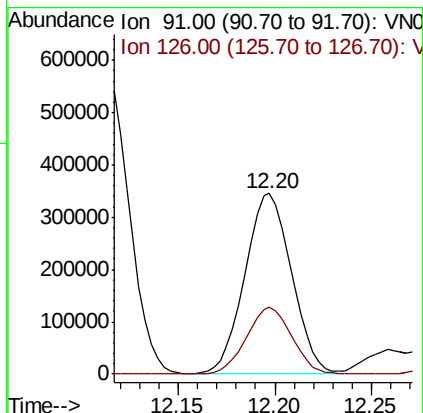
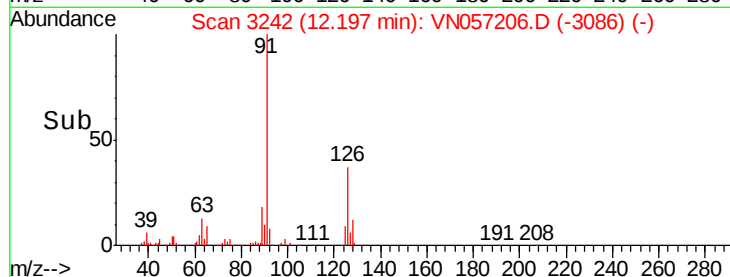
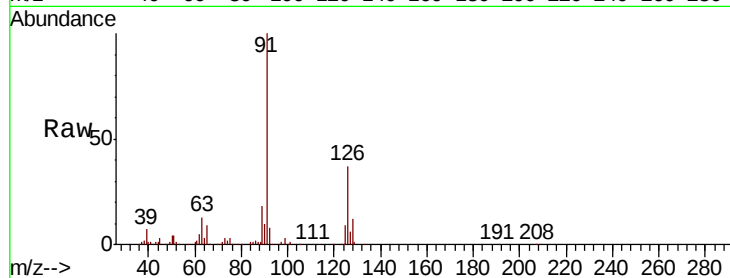
VN0812WBS01

Tgt Ion: 91 Resp: 579705

Ion Ratio Lower Upper

91 100

126 36.1 0.0 73.4



#76

1,3,5-Trimethylbenzene

Concen: 19.743 ug/l

RT: 12.26 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN057206.D

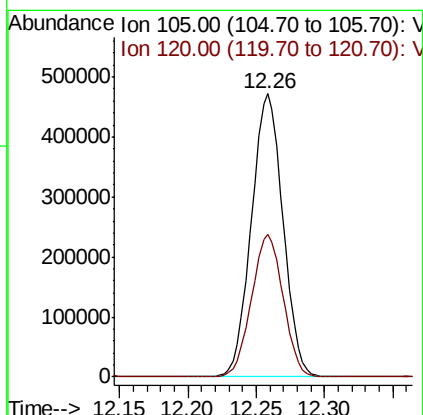
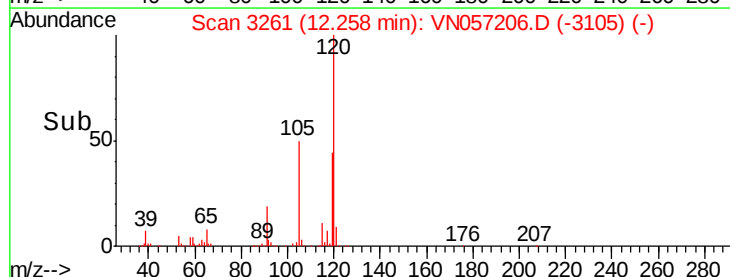
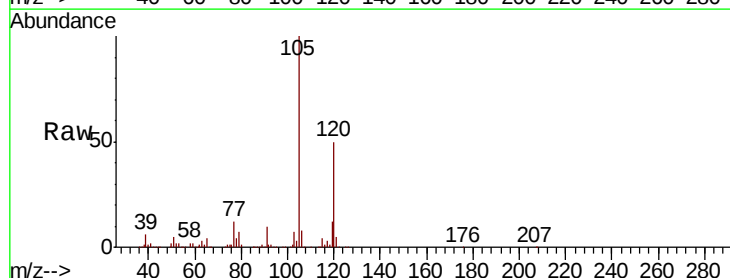
Acq: 12 Aug 2019 10:58

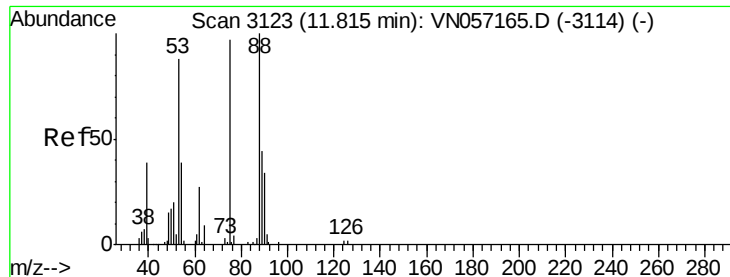
Tgt Ion: 105 Resp: 755302

Ion Ratio Lower Upper

105 100

120 50.3 0.0 83.6





#77

t-1,4-Dichloro-2-butene

Concen: 19.067 ug/l

RT: 11.82 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS01

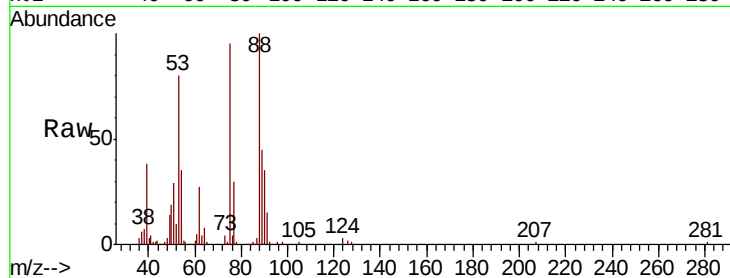
Tgt Ion: 75 Resp: 69886

Ion Ratio Lower Upper

75 100

53 83.5 45.4 136.2

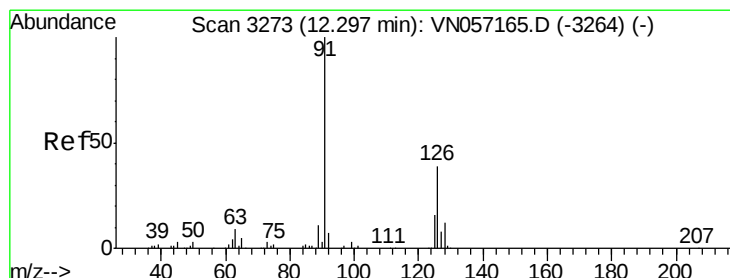
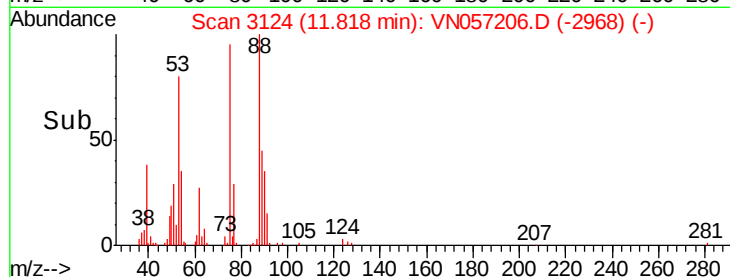
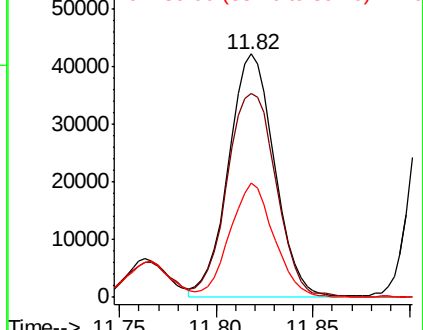
89 47.2 23.5 70.6



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 18.531 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN057206.D

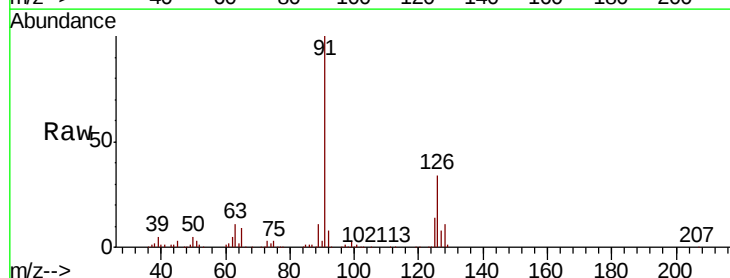
Acq: 12 Aug 2019 10:58

Tgt Ion: 91 Resp: 507733

Ion Ratio Lower Upper

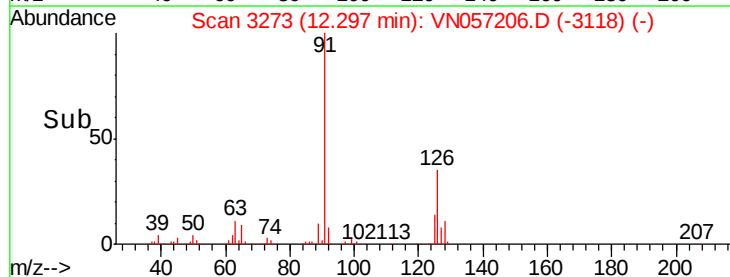
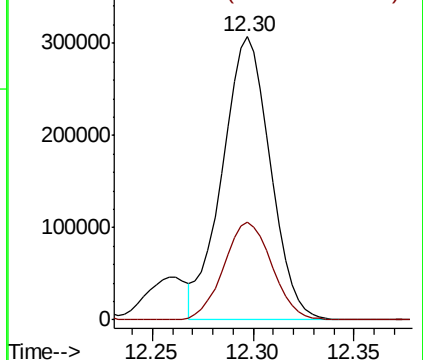
91 100

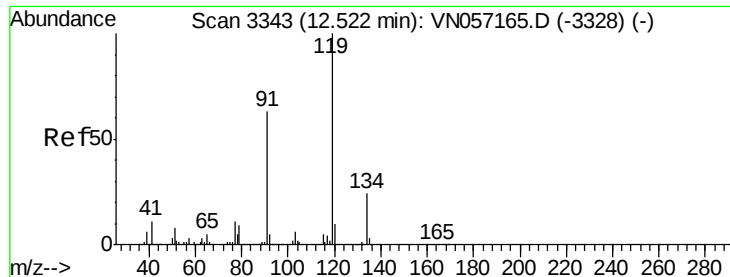
126 35.0 0.0 70.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

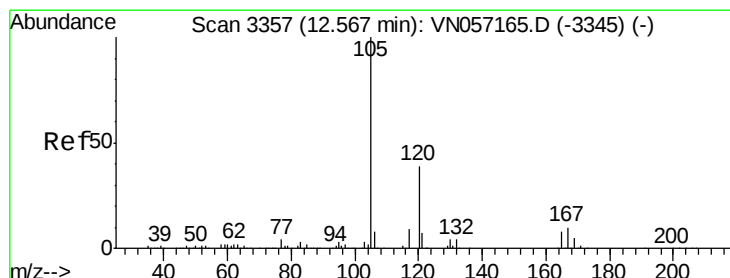
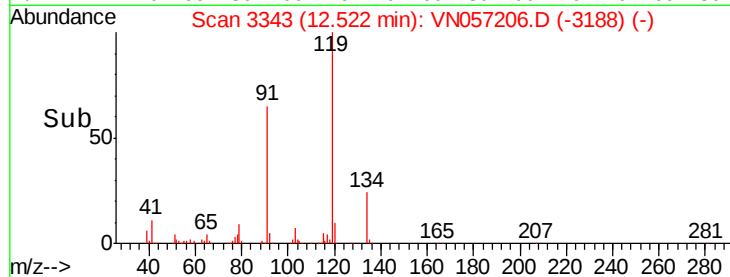
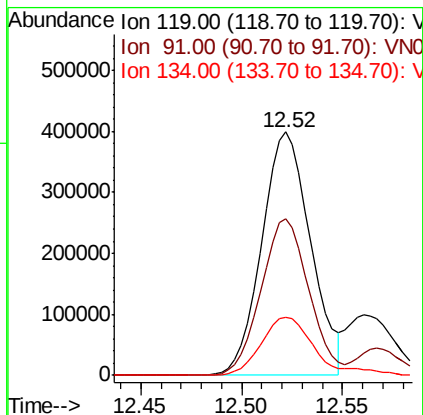
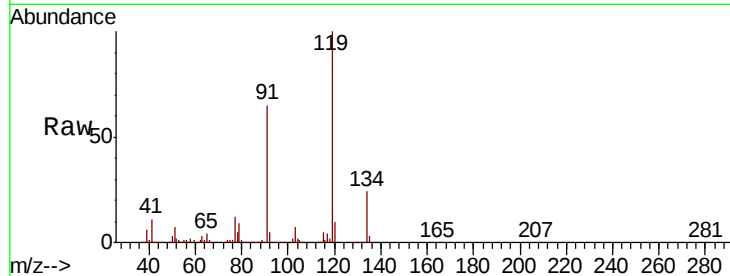




#79
tert-butylbenzene
Concen: 19.962 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

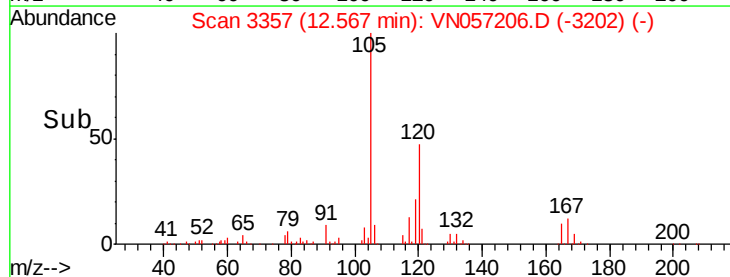
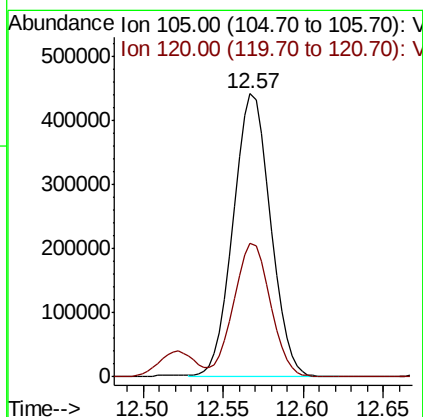
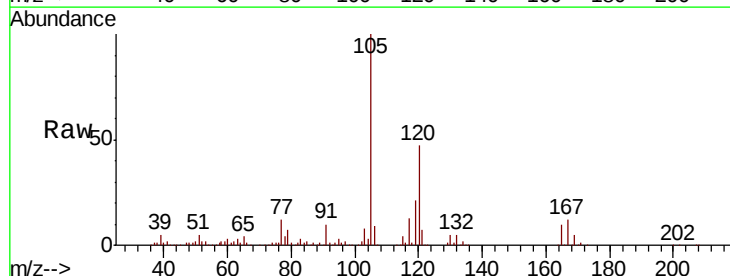
Instrument :
MSVOA_N
ClientSampled :
VN0812WBS01

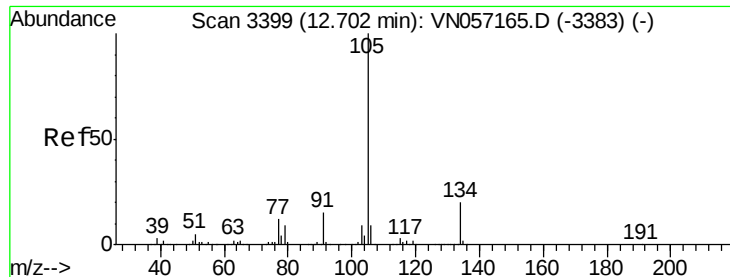
Tgt Ion:119 Resp: 673092
Ion Ratio Lower Upper
119 100
91 63.0 0.0 123.8
134 24.0 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 19.409 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Tgt Ion:105 Resp: 700248
Ion Ratio Lower Upper
105 100
120 46.5 0.0 91.2

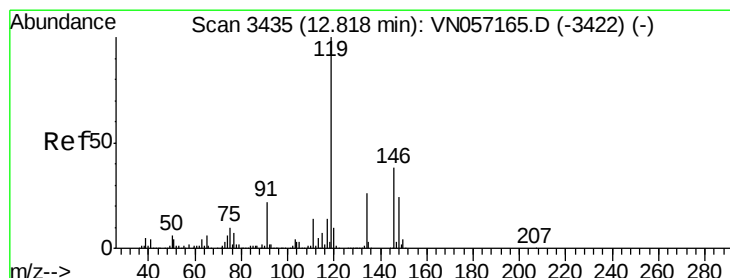
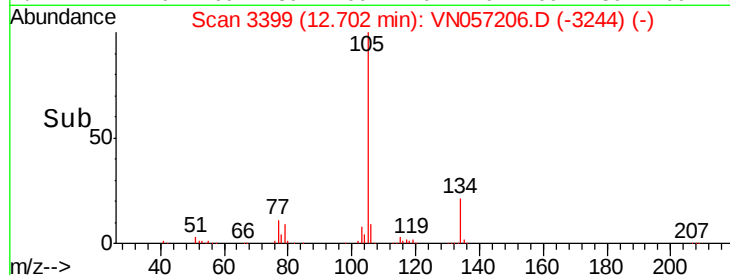
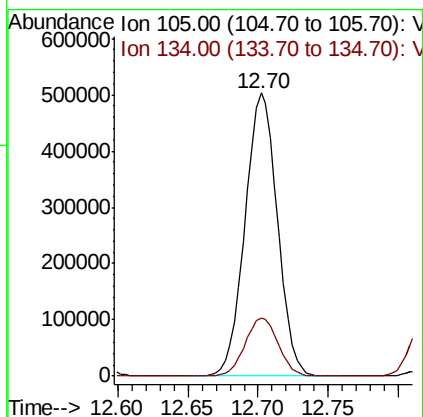
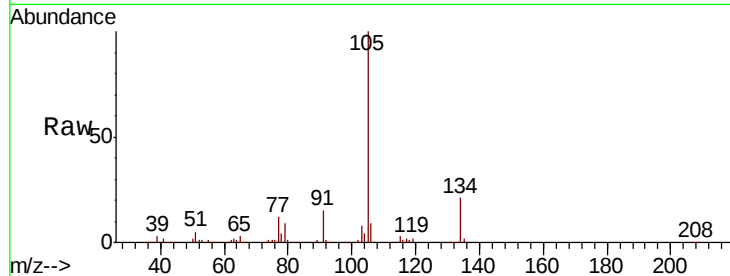




#81
 sec-Butylbenzene
 Concen: 19.047 ug/l
 RT: 12.70 min Scan# 3399
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

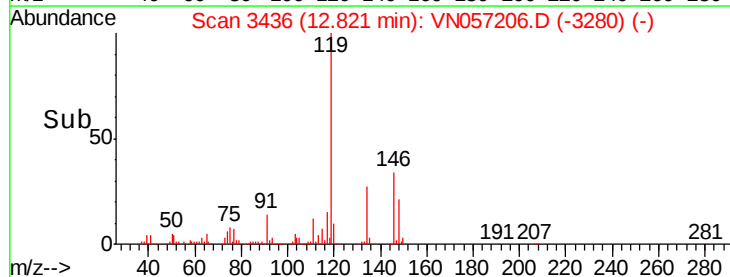
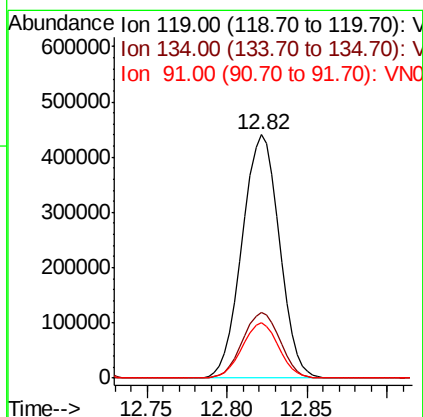
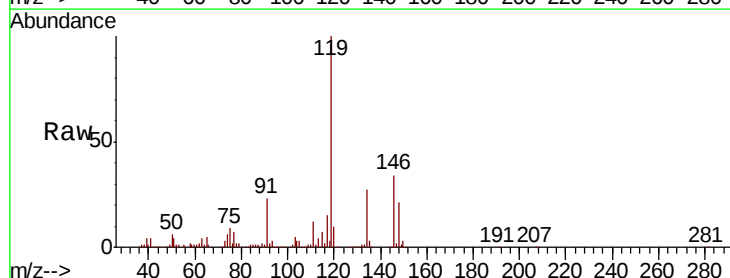
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

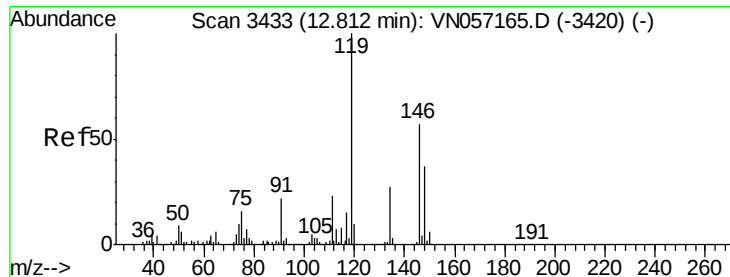
Tgt Ion:105 Resp: 809772
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 18.431 ug/l
 RT: 12.82 min Scan# 3436
 Delta R.T. 0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion:119 Resp: 697744
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 54.2
 91 22.2 0.0 44.4





#83

1,3-Dichlorobenzene

Concen: 17.996 ug/l

RT: 12.81 min Scan# 3433

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

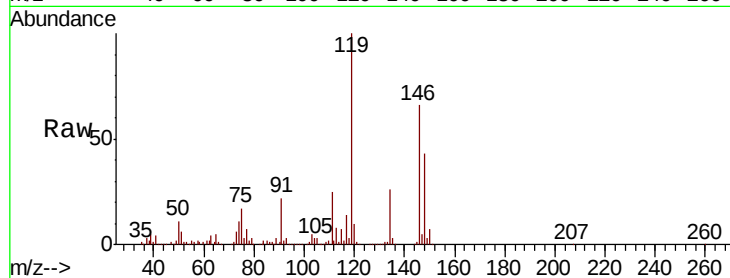
Tgt Ion:146 Resp: 322828

Ion Ratio Lower Upper

146 100

111 37.2 19.1 57.1

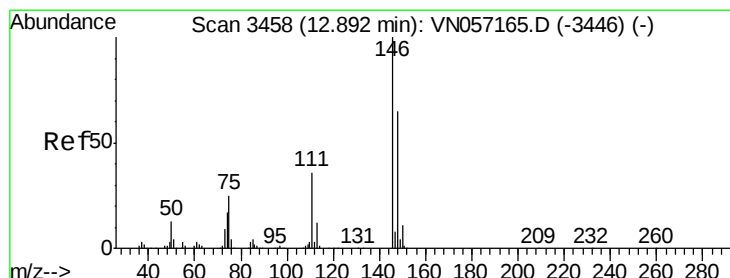
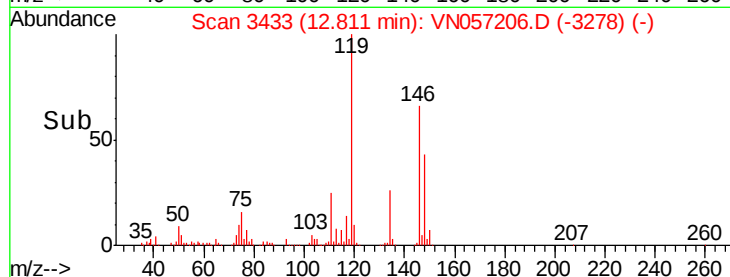
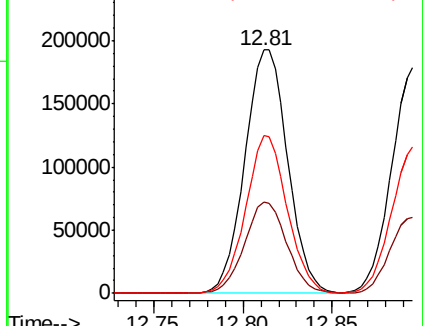
148 62.7 32.6 97.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 17.551 ug/l

RT: 12.90 min Scan# 3459

Delta R.T. 0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

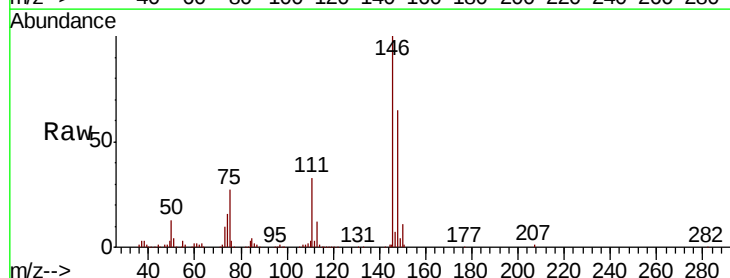
Tgt Ion:146 Resp: 292871

Ion Ratio Lower Upper

146 100

111 34.7 18.0 54.0

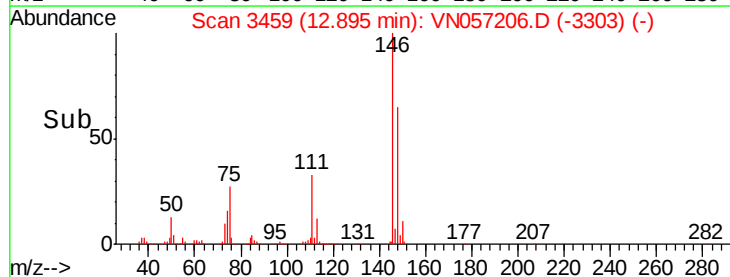
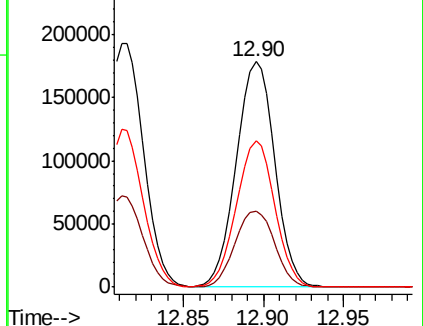
148 64.2 32.3 96.9

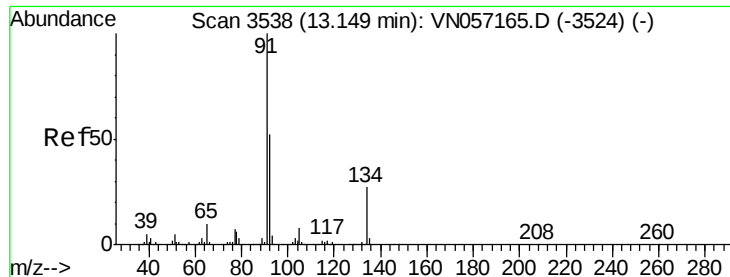


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

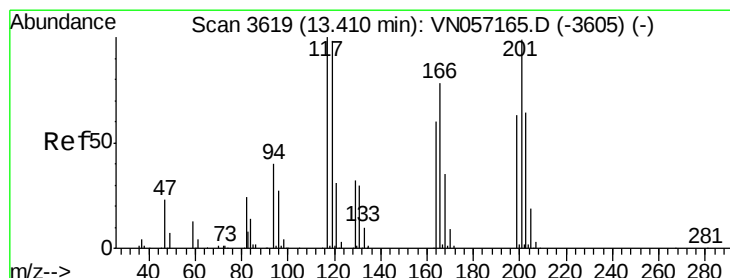
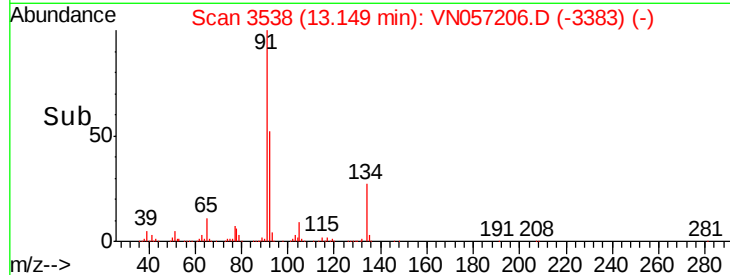
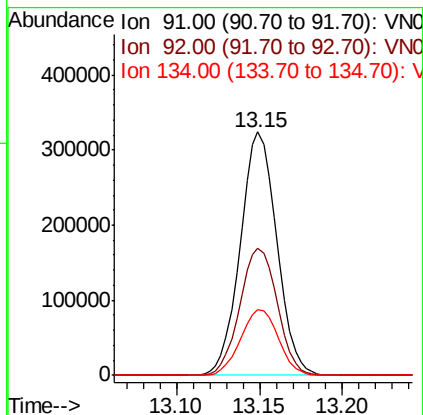
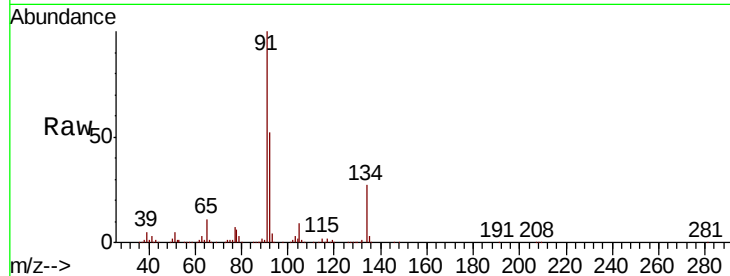




#85
n-Butylbenzene
Concen: 18.123 ug/l
RT: 13.15 min Scan# 3538
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

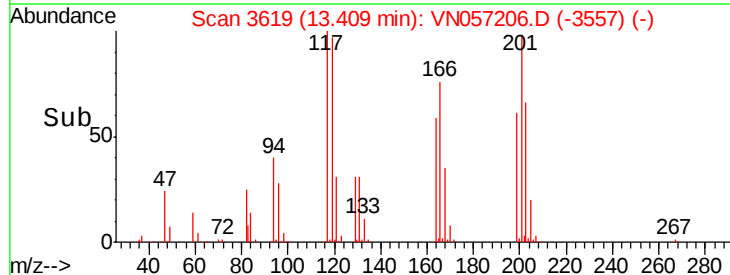
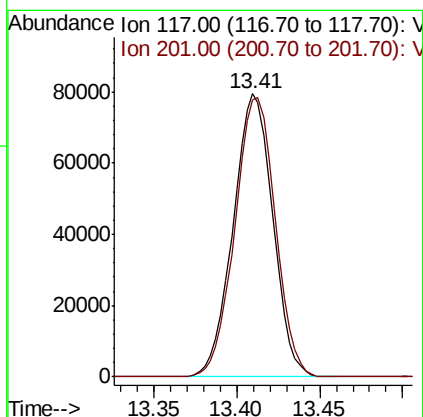
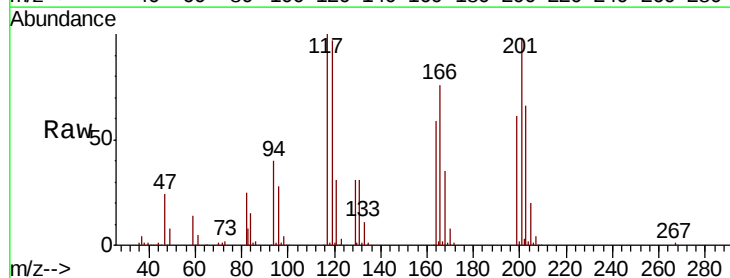
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

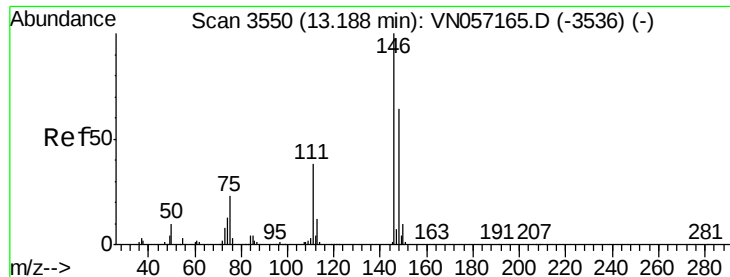
Tgt Ion: 91 Resp: 496074
Ion Ratio Lower Upper
91 100
92 53.7 0.0 104.4
134 28.0 0.0 55.0



#86
Hexachloroethane
Concen: 19.268 ug/l
RT: 13.41 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VN057206.D
Acq: 12 Aug 2019 10:58

Tgt Ion: 117 Resp: 132630
Ion Ratio Lower Upper
117 100
201 100.5 49.3 147.9

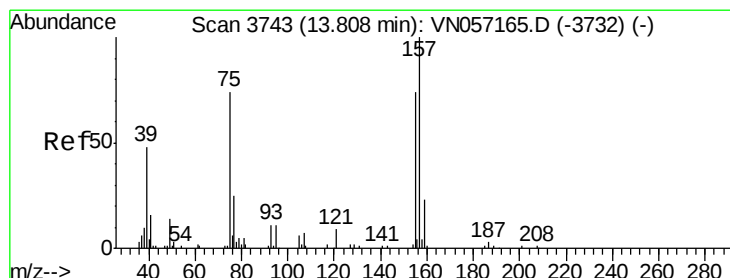
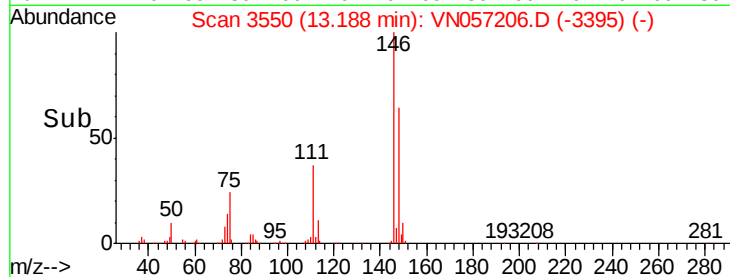
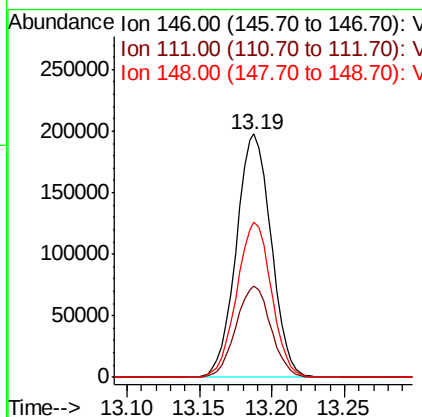
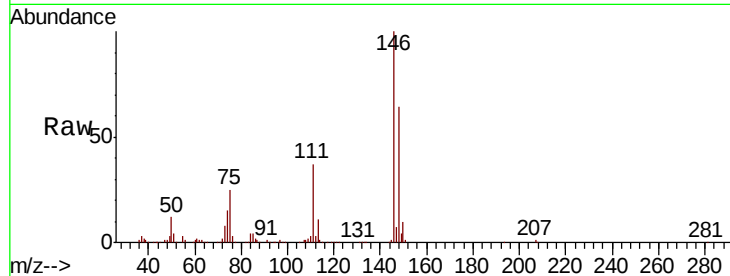




#87
 1,2-Dichlorobenzene
 Concen: 18.550 ug/l
 RT: 13.19 min Scan# 3550
 Delta R.T. -0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

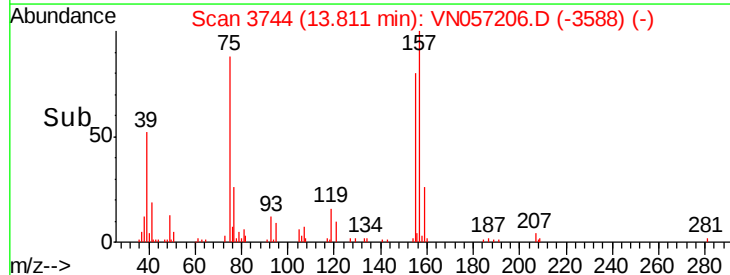
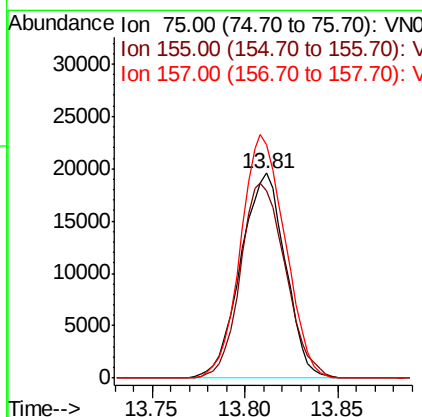
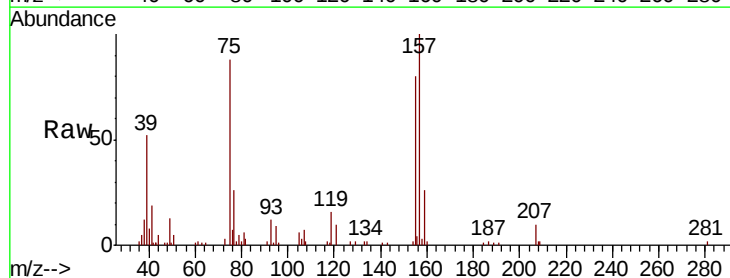
Instrument :
 MSVOA_N
 ClientSampled :
 VN0812WBS01

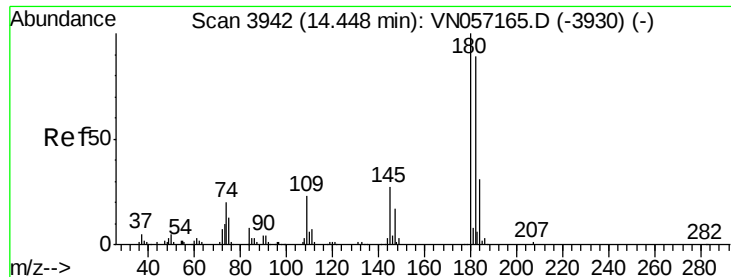
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	63.8	32.4	97.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.812 ug/l
 RT: 13.81 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	80.9	121.3
157	117.5	111.3	166.9

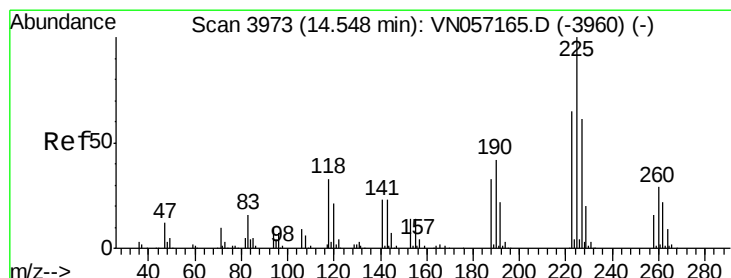
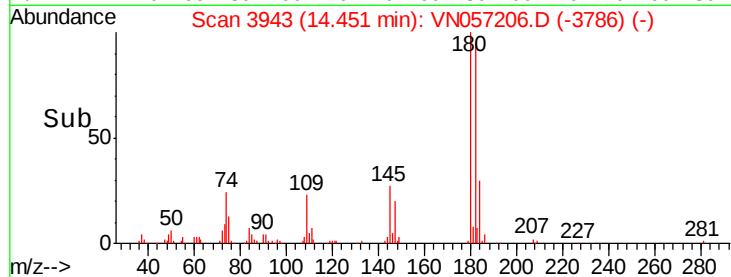
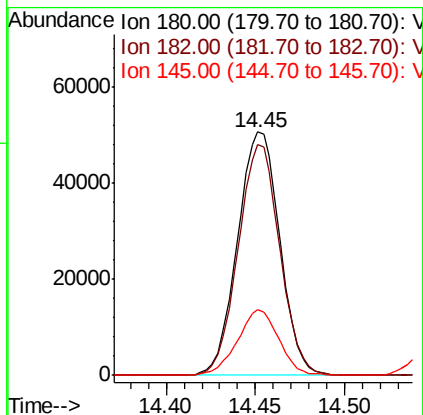
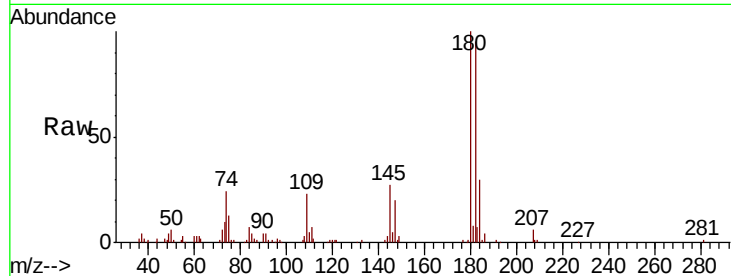




#89
 1,2,4-Trichlorobenzene
 Concen: 16.892 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

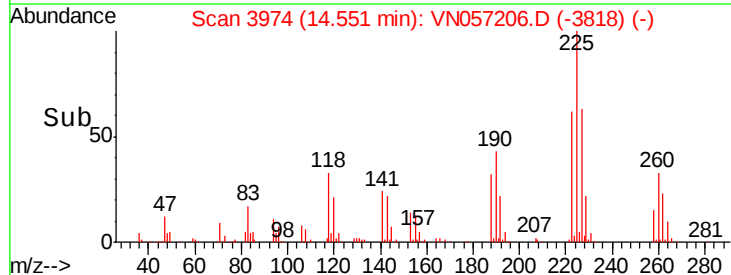
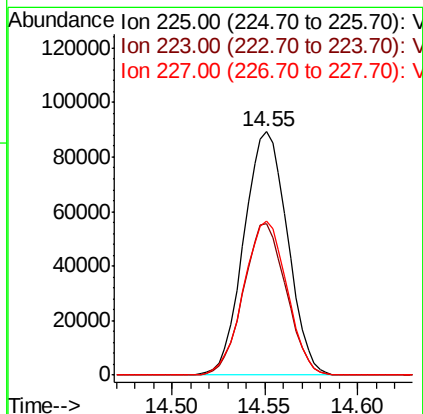
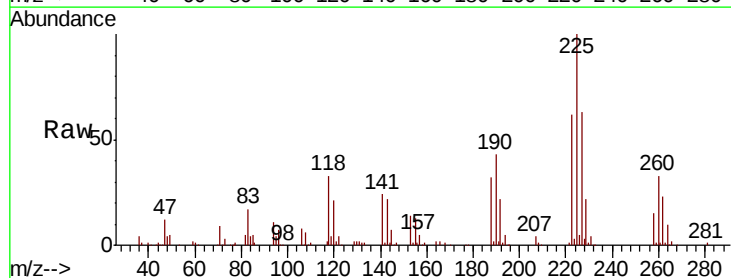
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

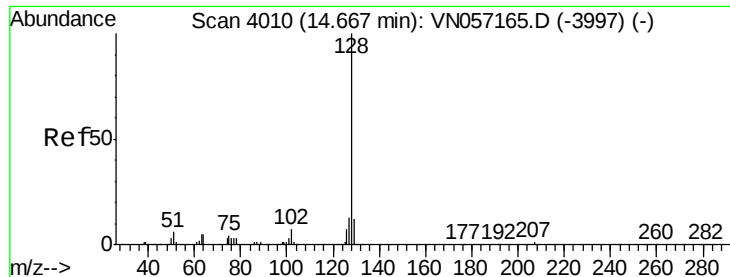
Tgt Ion:180 Resp: 83930
 Ion Ratio Lower Upper
 180 100
 182 93.1 75.0 112.6
 145 26.4 21.7 32.5



#90
 Hexachlorobutadiene
 Concen: 19.002 ug/l
 RT: 14.55 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VN057206.D
 Acq: 12 Aug 2019 10:58

Tgt Ion:225 Resp: 145743
 Ion Ratio Lower Upper
 225 100
 223 61.1 0.0 128.0
 227 62.9 0.0 125.6





#91

Naphthalene

Concen: 11.492 ug/l

RT: 14.67 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS01

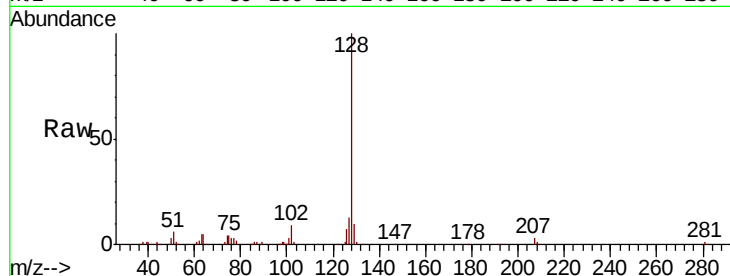
Tgt Ion:128 Resp: 155194

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.9 8.6 13.0

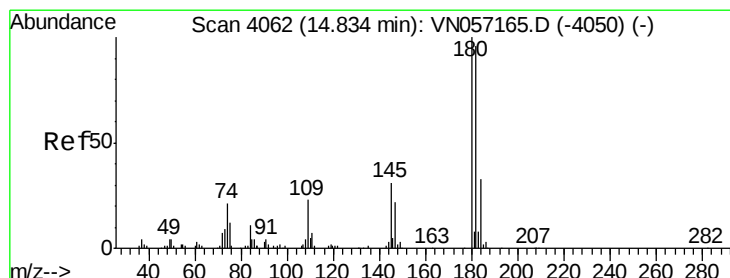
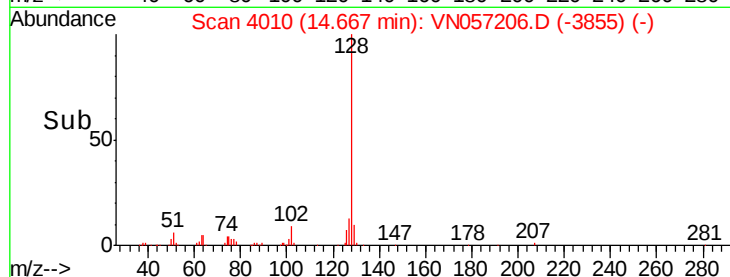
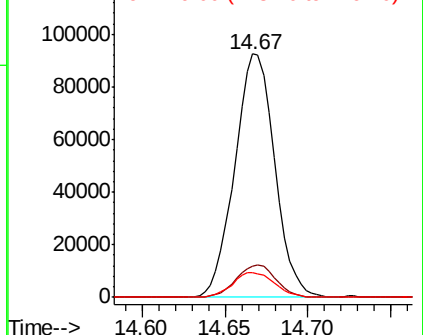


Abundance

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



#92

1,2,3-Trichlorobenzene

Concen: 17.836 ug/l

RT: 14.84 min Scan# 4063

Delta R.T. 0.00 min

Lab File: VN057206.D

Acq: 12 Aug 2019 10:58

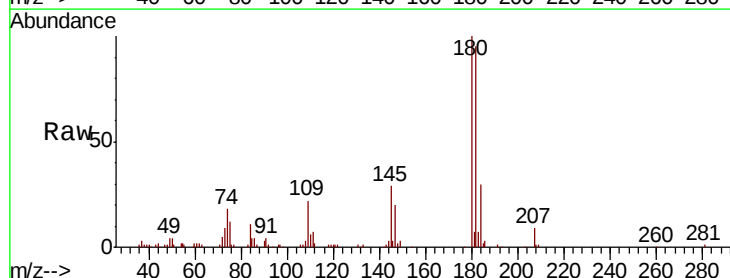
Tgt Ion:180 Resp: 90187

Ion Ratio Lower Upper

180 100

182 95.3 0.0 195.8

145 29.0 0.0 61.2



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

