

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090319\
 Data File : VN057665.D
 Acq On : 3 Sep 2019 15:58
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 04 01:46:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 01:42:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	58842	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	366487	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	328036	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	189223	38.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	129.90%
60) 4-Bromofluorobenzene	12.40	95	180666	35.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	118.73%
63) Toluene-d8	10.08	98	470555	30.66	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	443246	135.275	ug/l 100
3) Chloromethane	2.05	50	455492	148.089	ug/l 100
4) Vinyl Chloride	2.18	62	374278	91.178	ug/l 94
5) Bromomethane	2.52	94	212818	59.433	ug/l 96
6) Chloroethane	2.68	64	265362	94.831	ug/l 96
7) Trichlorofluoromethane	3.00	101	715250	81.921	ug/l 96
8) Diethyl Ether	3.40	74	232969	82.181	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	358462	70.306	ug/l 99
10) 1,1-Dichloroethene	3.73	96	333671	70.597	ug/l 96
11) Methyl Iodide	3.94	142	499968	63.024	ug/l 99
12) Methyl Acetate	4.30	43	491005	152.742	ug/l 96
13) Acrolein	3.59	56	139617	407.295	ug/l 92
14) Acrylonitrile	4.96	53	939559	769.038	ug/l 99
15) Acetone	3.80	58	267327	482.742	ug/l 97
16) Carbon Disulfide	4.04	76	880088	150.038	ug/l 100
17) Allyl chloride	4.31	41	767773	181.750	ug/l 98
18) Methylene Chloride	4.54	84	409829	129.586	ug/l 94
19) trans-1,2-Dichloroethene	5.02	96	357318	117.077	ug/l 97
20) Diisopropyl ether	5.93	45	1560691	155.184	ug/l 94
21) 1,1-Dichloroethane	5.83	63	788971	131.121	ug/l 99
22) cis-1,2-Dichloroethene	6.81	96	429405	106.538	ug/l 96
23) tert-Butyl Alcohol	4.75	59	349134	786.252	ug/l # 100
24) Methyl tert-Butyl Ether	5.02	73	1344643	132.036	ug/l 99
25) Chloroform	7.36	83	830539	117.569	ug/l 99
26) Cyclohexane	7.64	56	670760	133.568	ug/l # 97
29) 1,1-Dichloropropene	7.78	75	579718	113.810	ug/l 98
30) 2-Butanone	6.82	43	1422765	793.439	ug/l # 97
31) 2,2-Dichloropropane	6.81	77	743501	121.855	ug/l # 77
32) 1,1,1-Trichloroethane	7.56	97	745364	111.529	ug/l 99
33) Carbon Tetrachloride	7.76	117	609393	108.375	ug/l 94
34) Benzene	8.03	78	1674981	110.829	ug/l # 86
35) Methacrylonitrile	7.15	41	253467	147.749	ug/l 99
36) 1,2-Dichloroethane	8.11	62	752377	130.683	ug/l # 100
37) Trichloroethene	8.83	130	401381	95.377	ug/l 96
38) Methylcyclohexane	9.07	83	635801	105.278	ug/l 98
39) 1,2-Dichloropropane	9.11	63	454121	119.407	ug/l 95
40) Dibromomethane	9.20	93	300966	107.532	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	674424	116.556	ug/l	97
42) Vinyl Acetate	5.88	43	6120014	760.675	ug/l	99
43) Ethyl Acetate	7.36	43	861	0.247	ug/l	97
44) Isopropyl Acetate	8.15	43	1091204	157.224	ug/l	97
45) 1,4-Dioxane	9.19	88	138809	2486.206	ug/l	96
46) Methyl methacrylate	9.19	41	538411	167.305	ug/l	97
47) n-amyl Acetate	12.07	43	905404	163.771	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	722066	123.520	ug/l	97
49) cis-1,3-Dichloropropene	9.83	75	754764	119.682	ug/l	94
50) 1,1,2-Trichloroethane	10.56	97	403223	100.865	ug/l	99
51) Ethyl methacrylate	10.43	69	687288	127.143	ug/l	98
52) 1,3-Dichloropropane	10.71	76	721206	113.354	ug/l	100
53) Dibromochloromethane	10.90	129	460343	104.327	ug/l	98
54) 1,2-Dibromoethane	11.00	107	413996	100.824	ug/l	98
55) 2-Chloroethyl vinyl ether	9.69	63	1117149	800.014	ug/l	99
56) Bromoform	12.13	173	300040	105.028	ug/l	98
58) 4-Methyl-2-Pentanone	9.98	43	2916271	775.635	ug/l	98
59) 2-Hexanone	10.75	43	2155192	829.566	ug/l	99
61) Tetrachloroethene	10.63	164	360487	87.668	ug/l	97
62) Toluene	10.15	91	1834384	109.771	ug/l	100
64) Chlorobenzene	11.43	112	1108109	104.788	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.51	131	414689	99.635	ug/l	98
66) Ethyl Benzene	11.51	91	2106281	116.612	ug/l	96
67) m/p-Xylenes	11.62	106	1506906	213.196	ug/l	89
68) o-Xylene	11.95	106	734723	103.295	ug/l	96
69) Styrene	11.96	104	1273017	113.581	ug/l	97
70) Isopropylbenzene	12.25	105	2050508	114.718	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.51	83	539928	111.711	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	741560	178.678	ug/l	62
73) Bromobenzene	12.53	156	450302	100.732	ug/l	96
74) n-propylbenzene	12.59	91	2337732	126.230	ug/l	98
75) 2-Chlorotoluene	12.67	91	1459943	121.073	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	1732438	115.514	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	179973	136.722	ug/l	84
78) 4-Chlorotoluene	12.77	91	1435192	125.664	ug/l	99
79) tert-butylbenzene	12.99	119	1471758	107.990	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	1654215	117.761	ug/l	99
81) sec-Butylbenzene	13.17	105	1948975	117.578	ug/l	99
82) p-Isopropyltoluene	13.29	119	1679542	115.295	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	721987	101.071	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	695440	101.895	ug/l	99
85) n-Butylbenzene	13.62	91	1496108	126.648	ug/l	98
86) Hexachloroethane	13.88	117	315177	111.513	ug/l	92
87) 1,2-Dichlorobenzene	13.66	146	669319	98.660	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	95456	137.875	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	282994	114.189	ug/l	97
90) Hexachlorobutadiene	15.01	225	234968	104.240	ug/l	98
91) Naphthalene	15.13	128	754926	111.726	ug/l	98
92) 1,2,3-Trichlorobenzene	15.30	180	272582	111.393	ug/l	97

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ClientSampleId :
VSTDICC100

Quant Time: Sep 04 01:46:33 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 04 01:42:15 2019
Response via : Initial Calibration

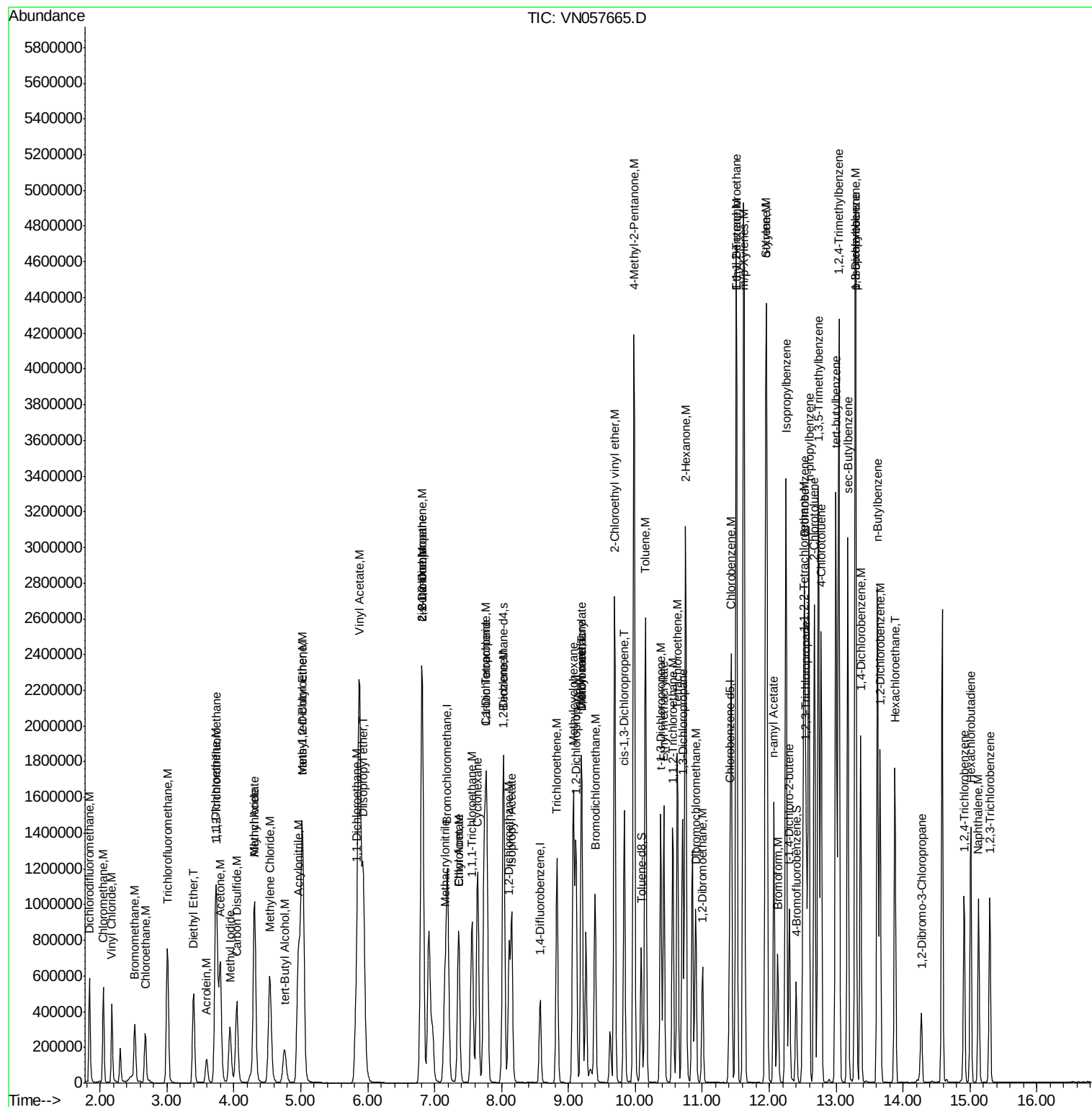
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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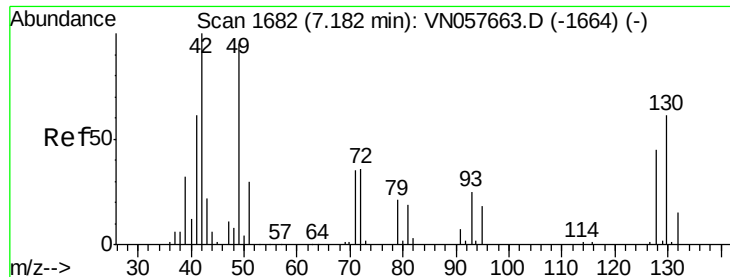
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090319\
Data File : VN057665.D
Acq On : 3 Sep 2019 15:58
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Quant Time: Sep 04 01:46:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

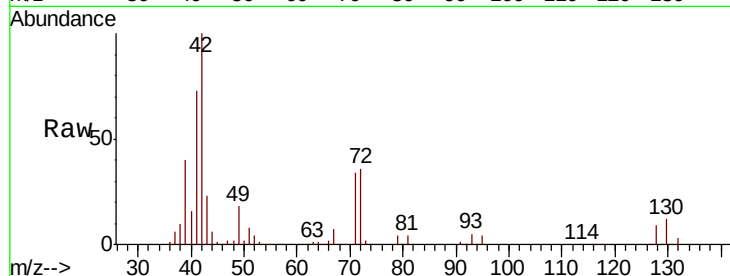
Tgt Ion:128 Resp: 58842

Ion Ratio Lower Upper

128 100

49 221.7 0.0 544.5

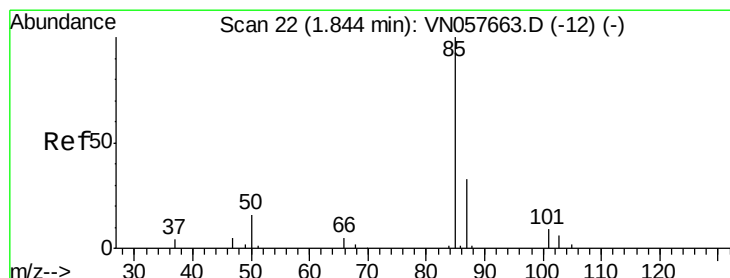
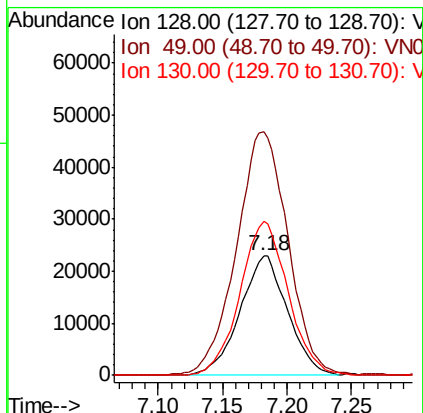
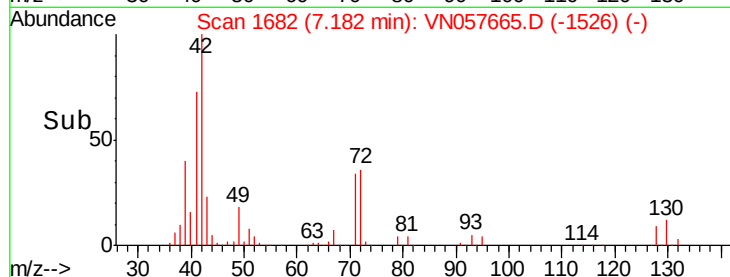
130 130.7 0.0 324.7



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: 135.275 ug/l

RT: 1.84 min Scan# 22

Delta R.T. 0.00 min

Lab File: VN057665.D

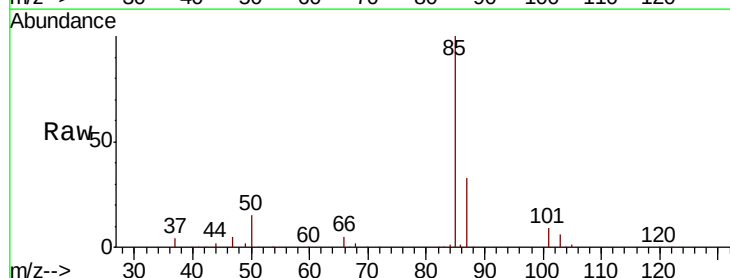
Acq: 3 Sep 2019 15:58

Tgt Ion: 85 Resp: 443246

Ion Ratio Lower Upper

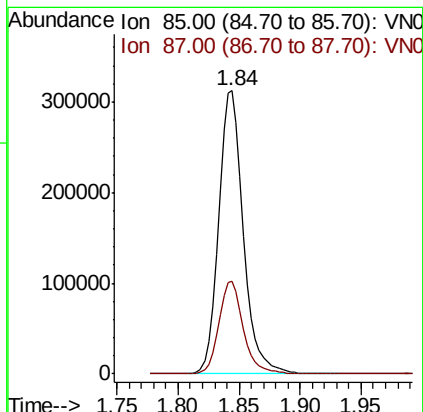
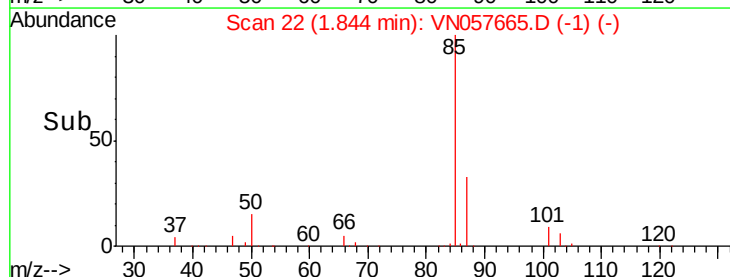
85 100

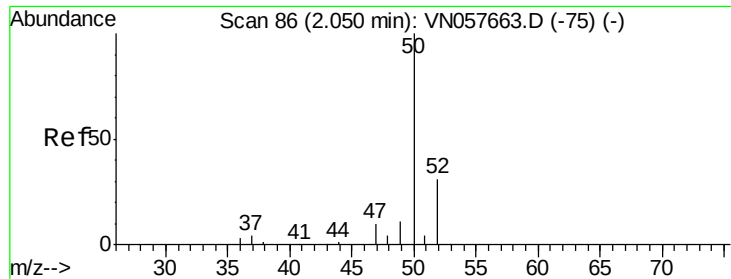
87 32.9 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 148.089 ug/l

RT: 2.05 min Scan# 86

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

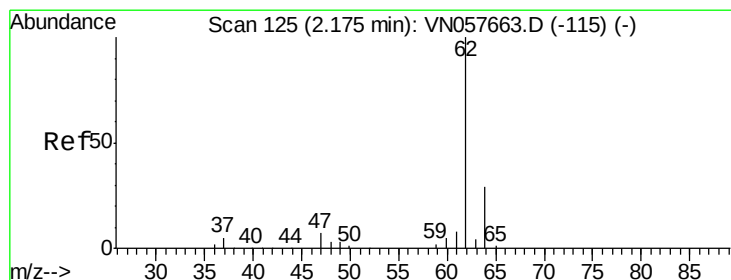
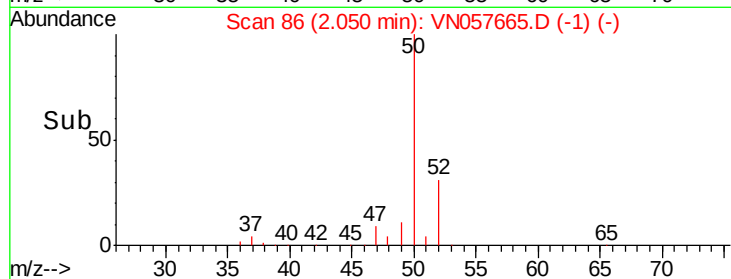
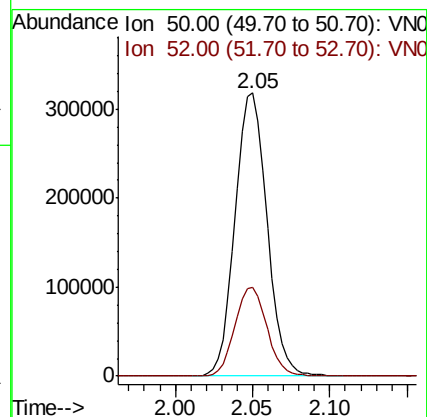
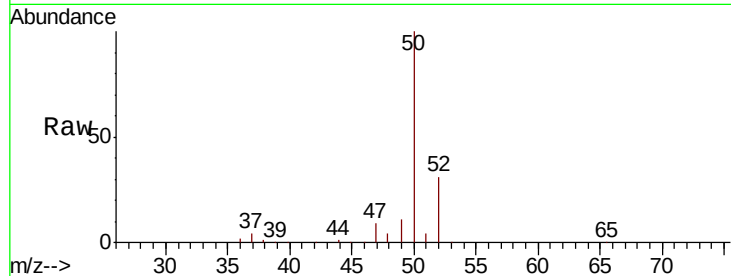
VSTDIC100

Tgt Ion: 50 Resp: 455492

Ion Ratio Lower Upper

50 100

52 31.4 25.2 37.8



#4

Vinyl Chloride

Concen: 91.178 ug/l

RT: 2.18 min Scan# 125

Delta R.T. 0.00 min

Lab File: VN057665.D

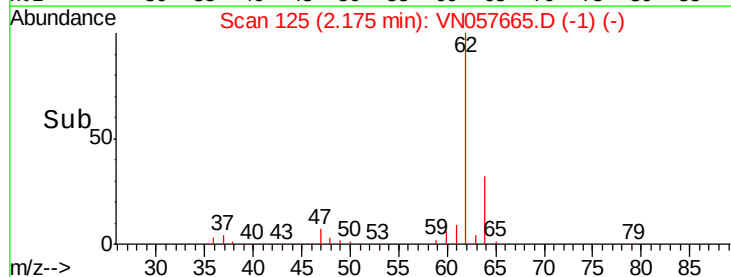
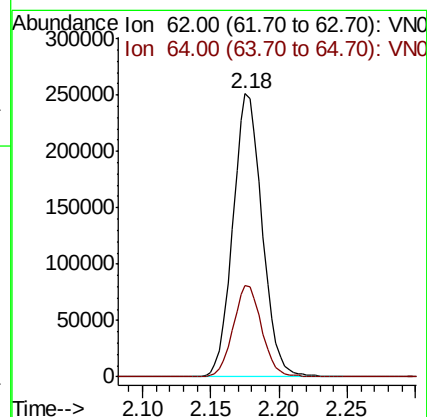
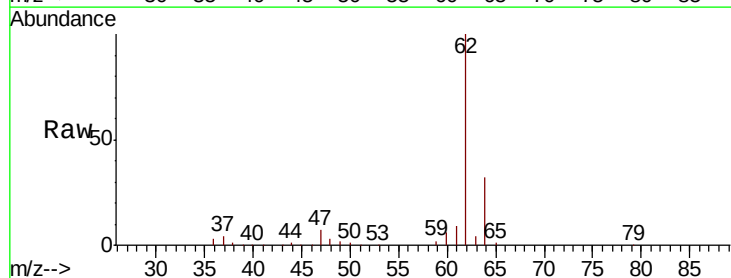
Acq: 3 Sep 2019 15:58

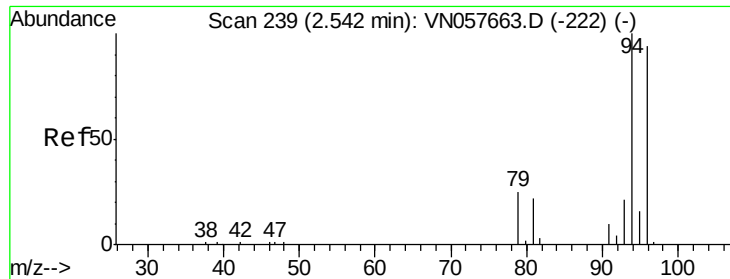
Tgt Ion: 62 Resp: 374278

Ion Ratio Lower Upper

62 100

64 32.4 23.2 34.8

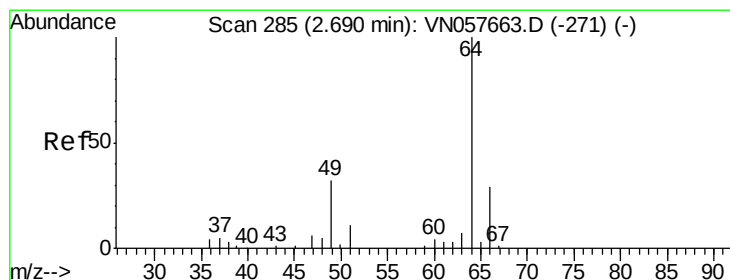
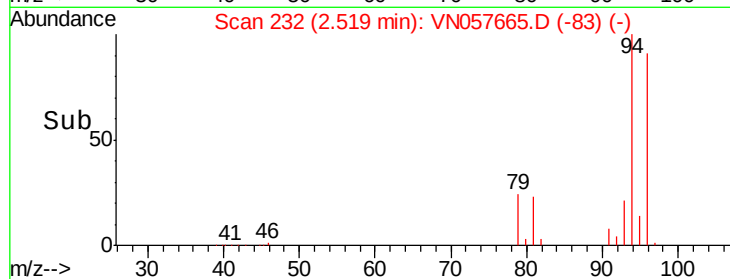
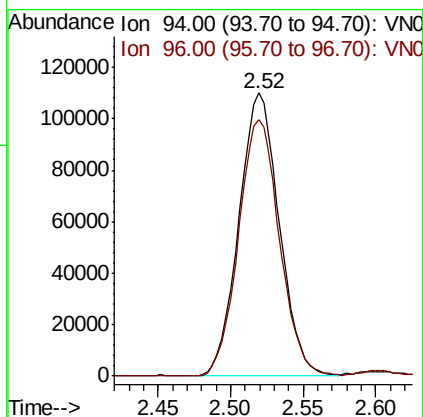
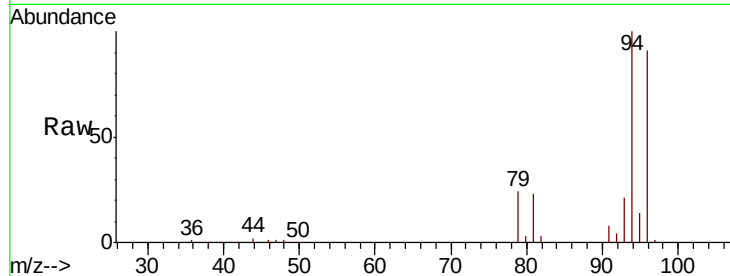




#5
Bromomethane
Concen: 59.433 ug/l
RT: 2.52 min Scan# 232
Delta R.T. -0.02 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

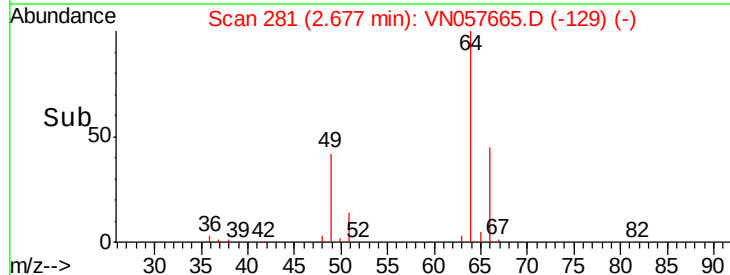
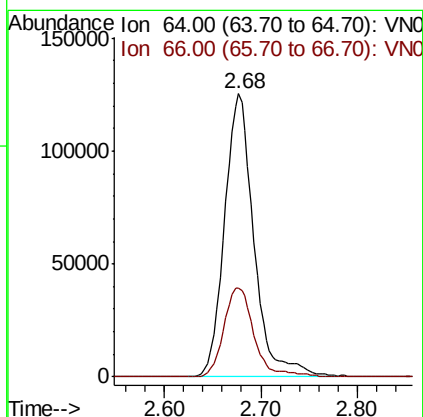
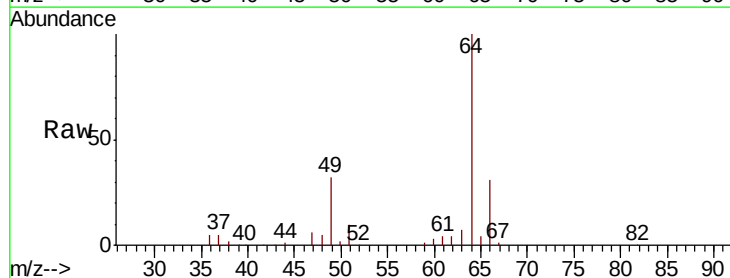
Instrument :
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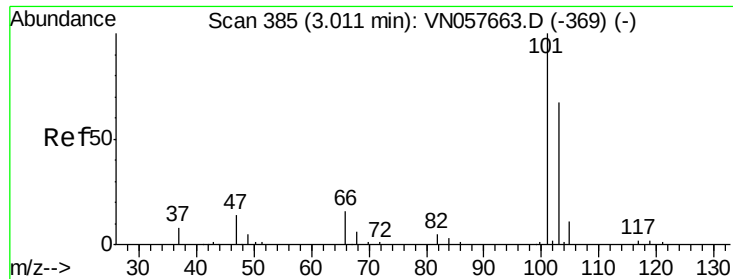
Tgt Ion: 94 Resp: 212818
Ion Ratio Lower Upper
94 100
96 90.4 75.6 113.4



#6
Chloroethane
Concen: 94.831 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.01 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion: 64 Resp: 265362
Ion Ratio Lower Upper
64 100
66 31.4 23.5 35.3



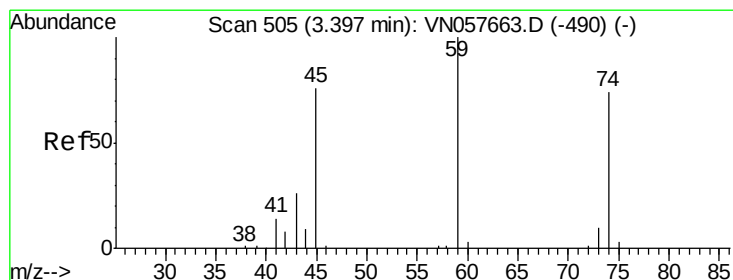
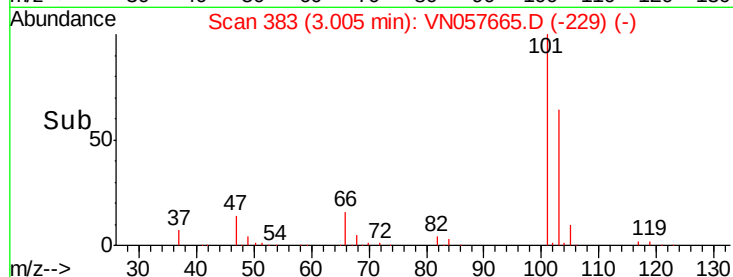
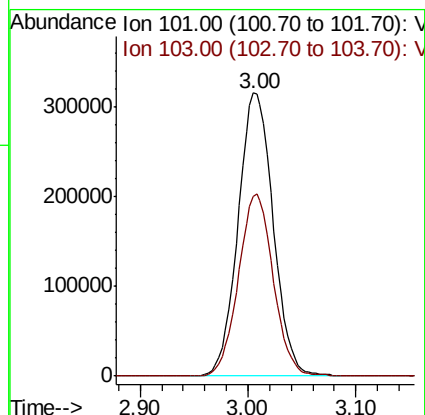
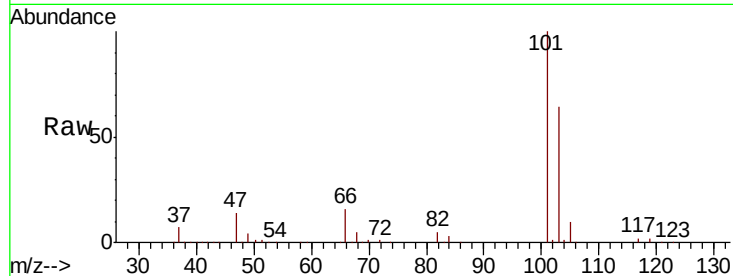


#7

Trichlorofluoromethane
Concen: 81.921 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.01 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Instrument :
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ClientSampleId :
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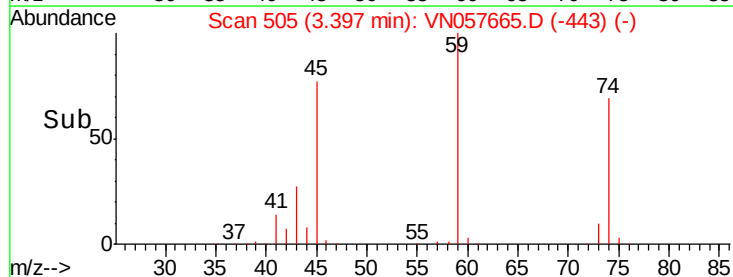
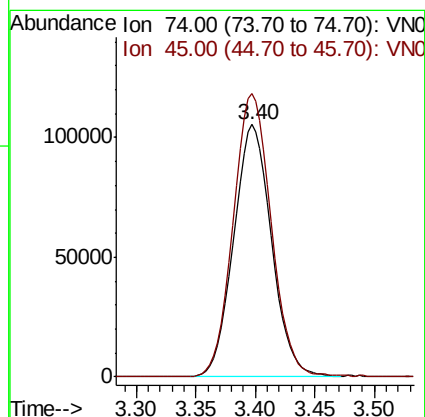
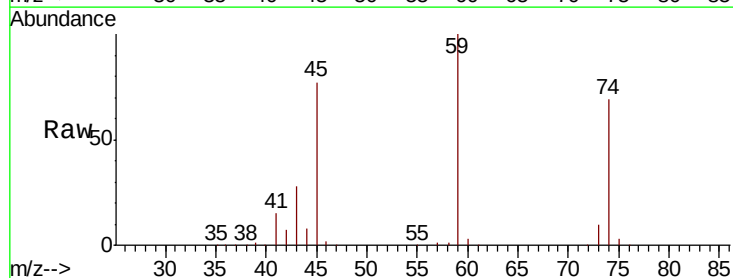
Tgt Ion:101 Resp: 715250
Ion Ratio Lower Upper
101 100
103 63.6 53.6 80.4

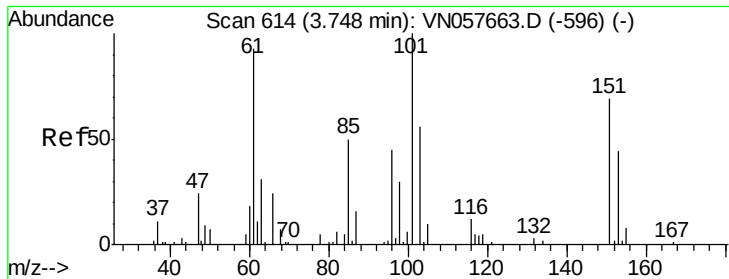


#8

Diethyl Ether
Concen: 82.181 ug/l
RT: 3.40 min Scan# 505
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion: 74 Resp: 232969
Ion Ratio Lower Upper
74 100
45 112.6 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 70.306 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

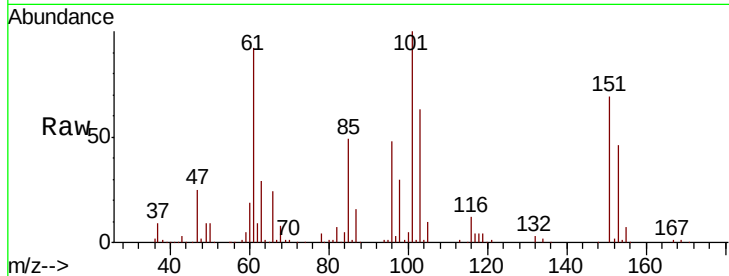
Tgt Ion: 101 Resp: 358462

Ion Ratio Lower Upper

101 100

85 50.6 0.0 100.2

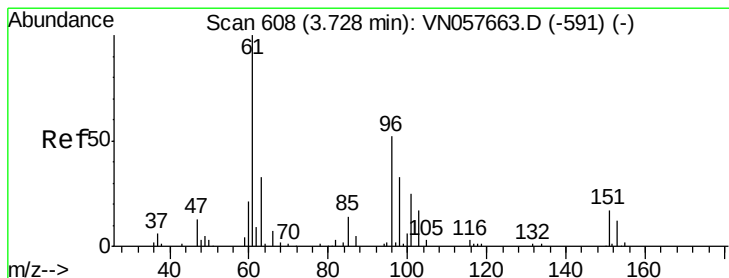
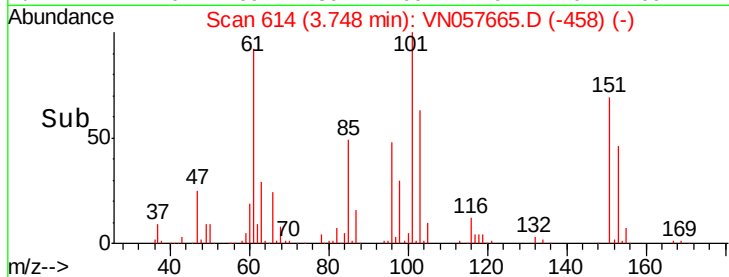
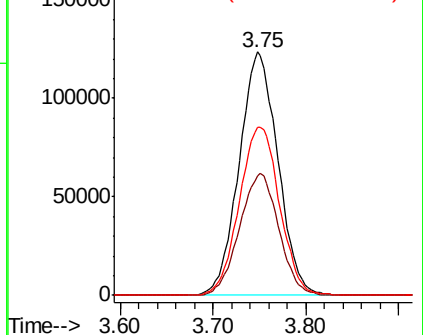
151 71.9 0.0 140.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 70.597 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

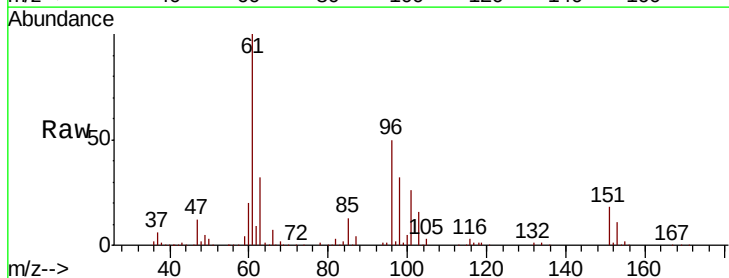
Tgt Ion: 96 Resp: 333671

Ion Ratio Lower Upper

96 100

61 199.6 152.9 229.3

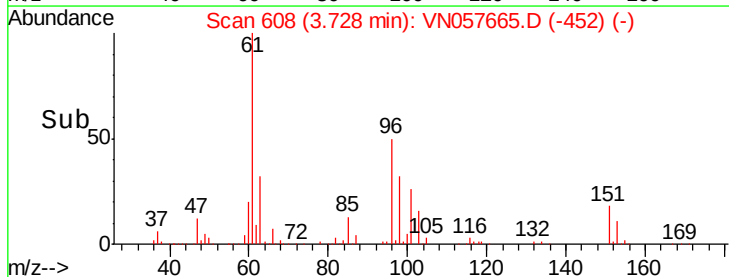
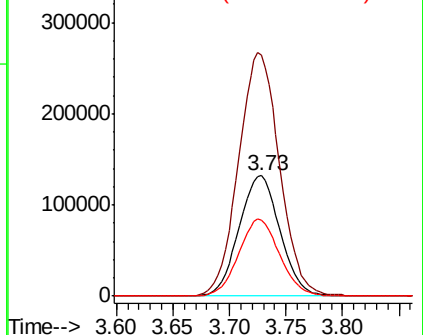
98 63.3 51.0 76.4

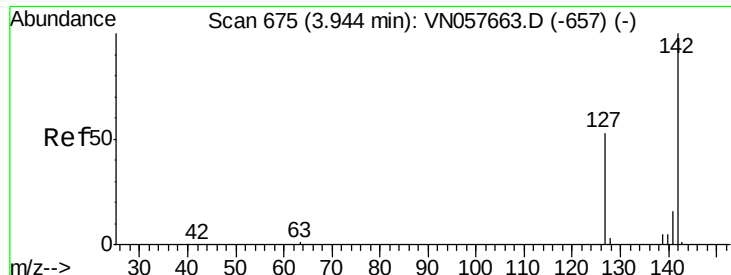


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

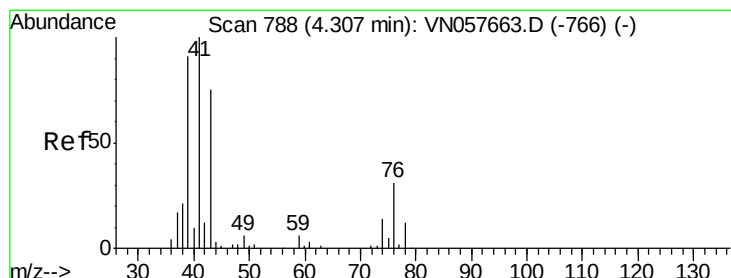
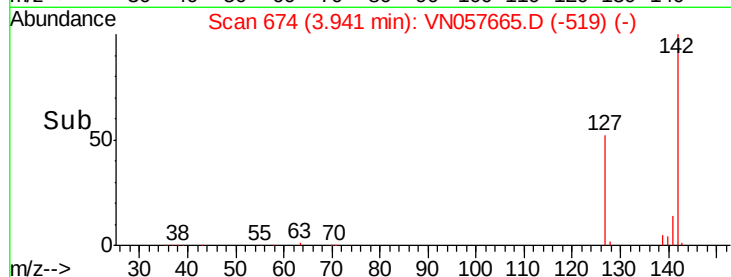
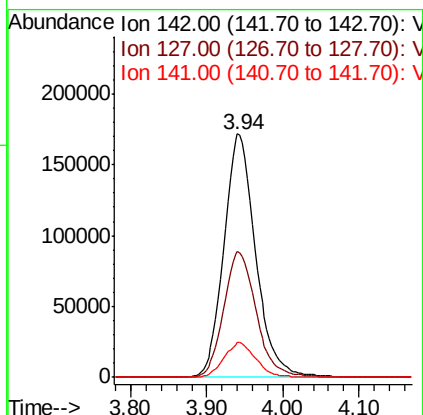
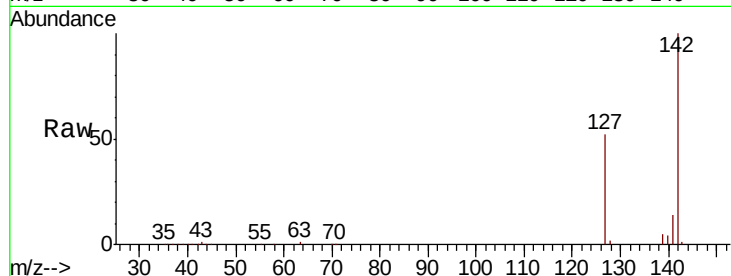




#11
Methyl Iodide
Concen: 63.024 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

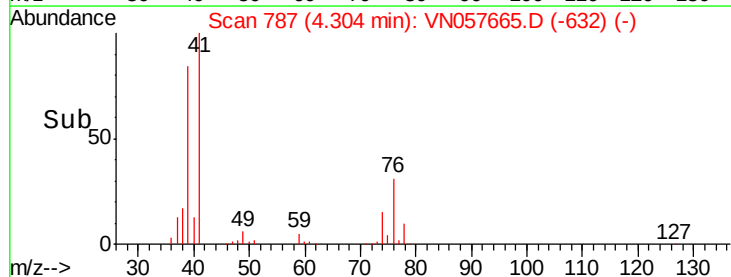
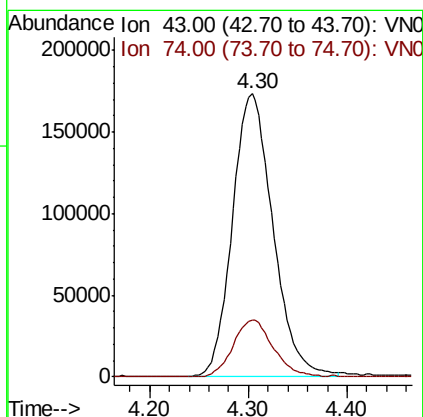
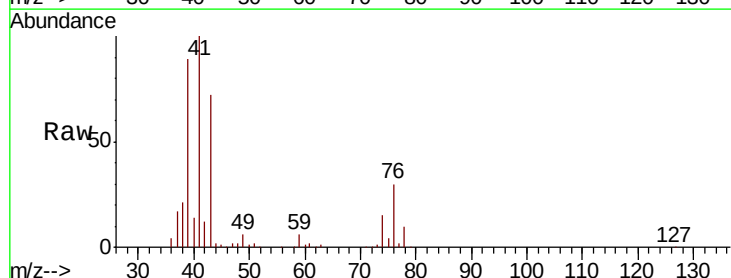
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

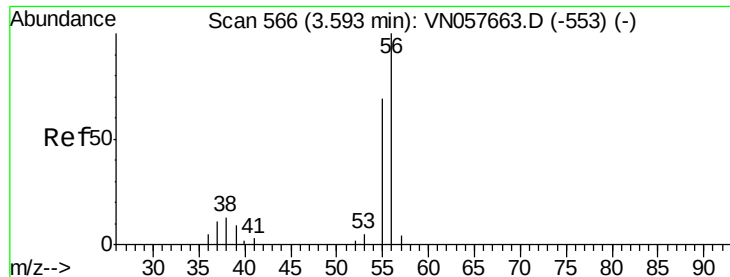
Tgt Ion:142 Resp: 499968
Ion Ratio Lower Upper
142 100
127 51.6 26.2 78.5
141 14.1 7.6 22.9



#12
Methyl Acetate
Concen: 152.742 ug/l
RT: 4.30 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion: 43 Resp: 491005
Ion Ratio Lower Upper
43 100
74 20.2 14.6 22.0

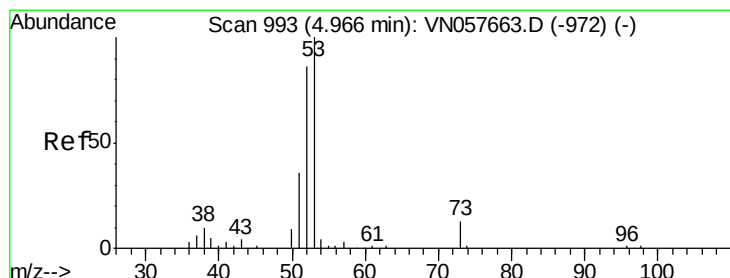
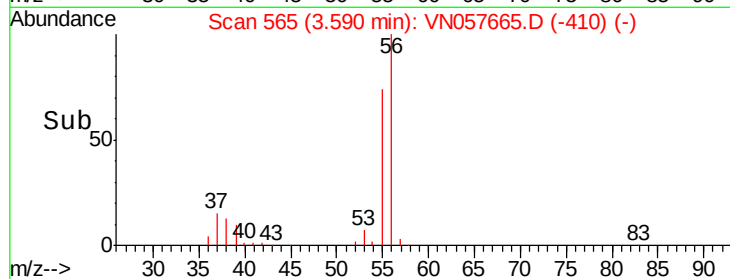
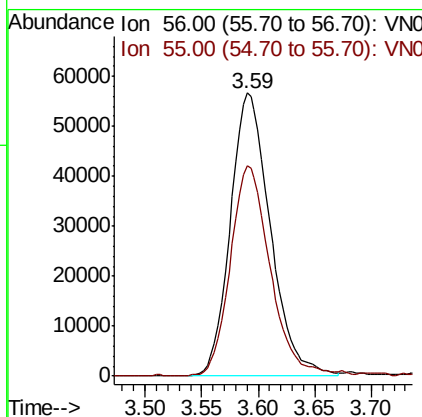
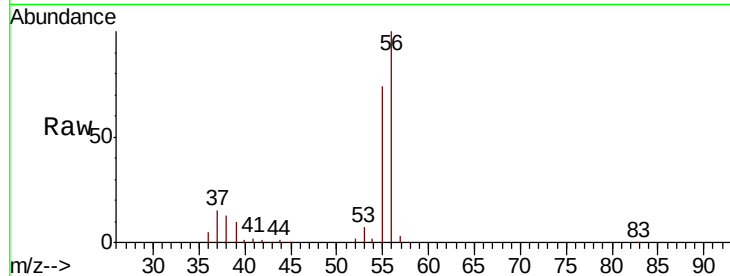




#13
Acrolein
Concen: 407.295 ug/l
RT: 3.59 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

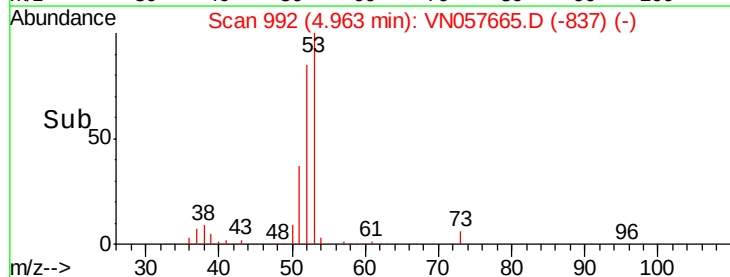
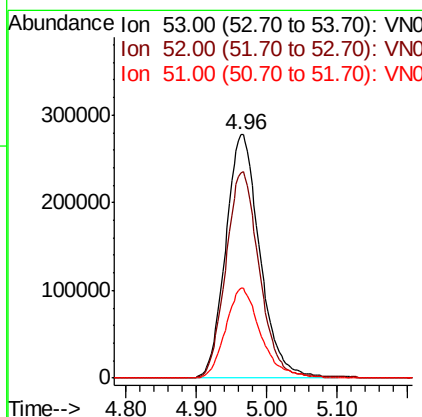
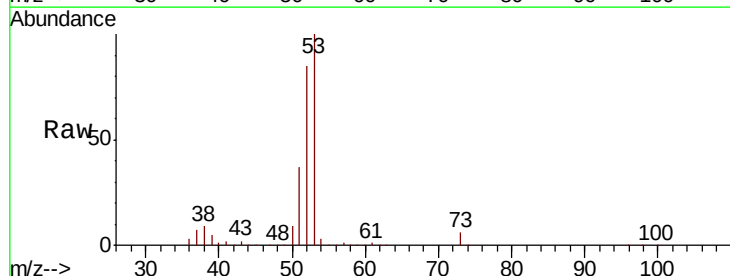
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

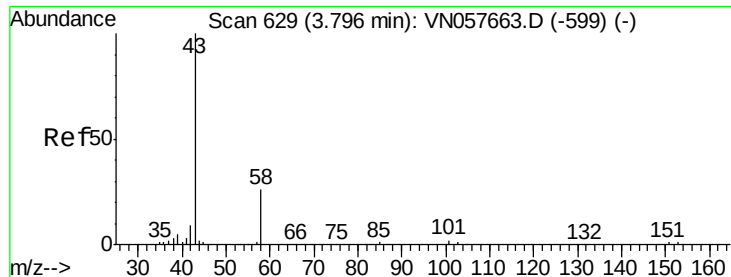
Tgt Ion: 56 Resp: 139617
Ion Ratio Lower Upper
56 100
55 73.9 54.2 81.4



#14
Acrylonitrile
Concen: 769.038 ug/l
RT: 4.96 min Scan# 992
Delta R.T. -0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion: 53 Resp: 939559
Ion Ratio Lower Upper
53 100
52 83.2 41.9 125.7
51 37.8 19.4 58.2





#15

Acetone

Concen: 482.742 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

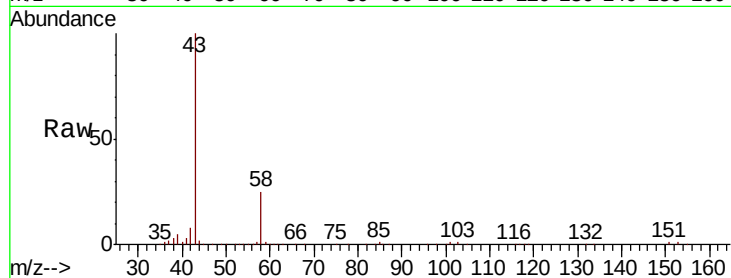
VSTDIC100

Tgt Ion: 58 Resp: 267327

Ion Ratio Lower Upper

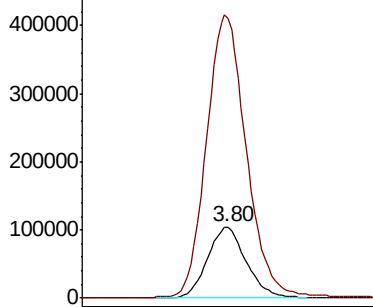
58 100

43 392.7 308.8 463.2

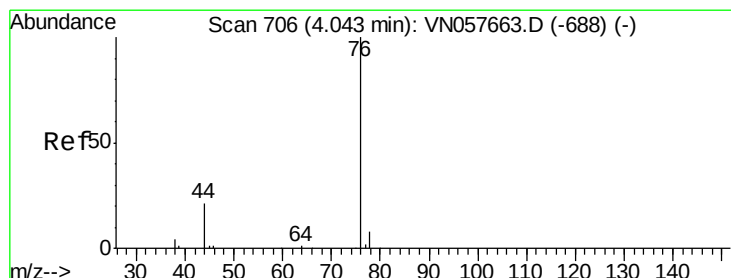
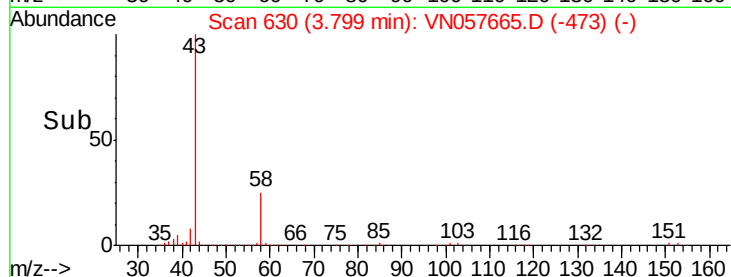


Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



Time-->



#16

Carbon Disulfide

Concen: 150.038 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN057665.D

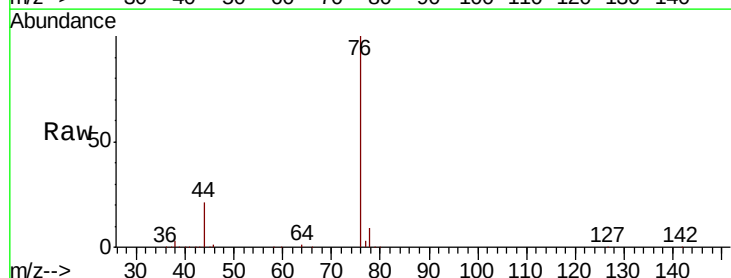
Acq: 3 Sep 2019 15:58

Tgt Ion: 76 Resp: 880088

Ion Ratio Lower Upper

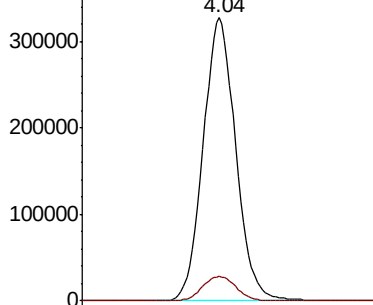
76 100

78 8.6 6.8 10.2

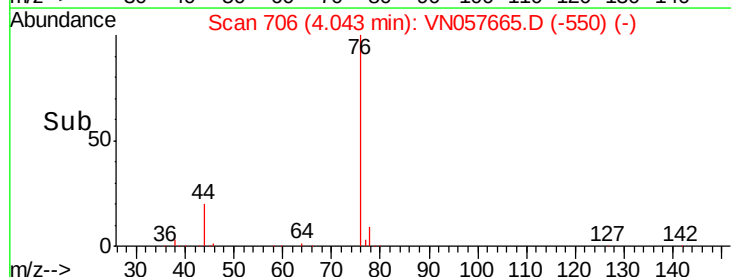


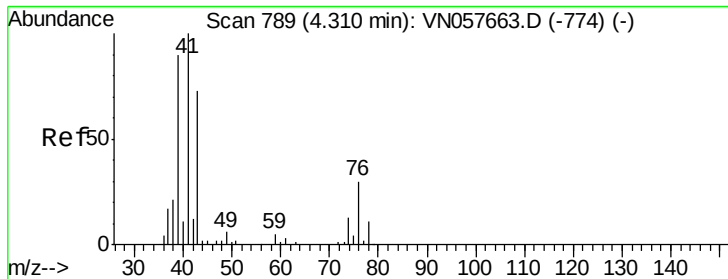
Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0



Time-->

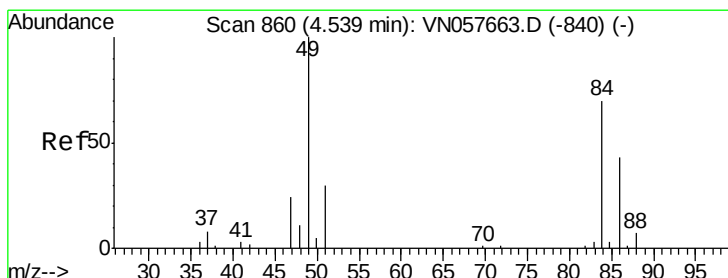
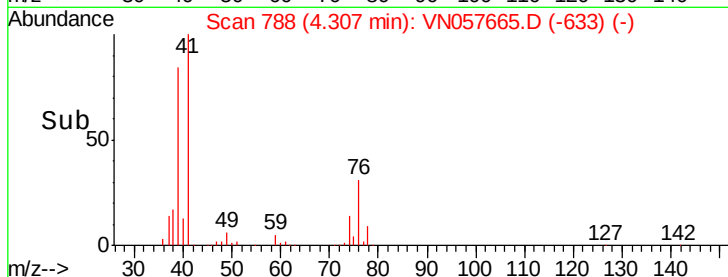
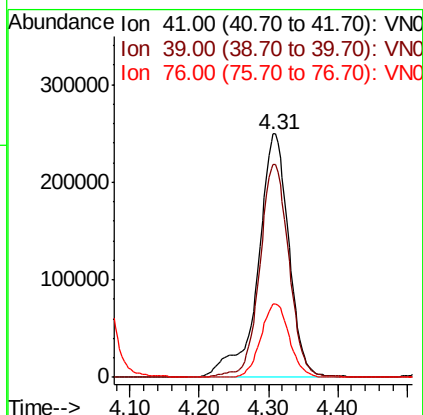
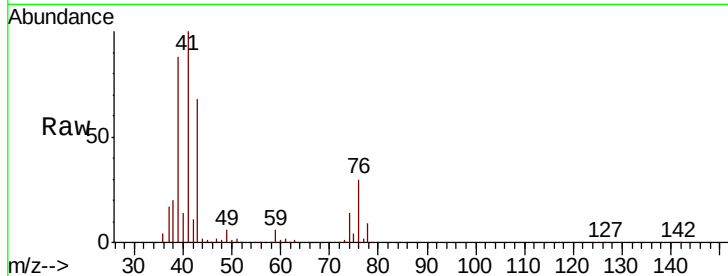




#17
 Allyl chloride
 Concen: 181.750 ug/l
 RT: 4.31 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

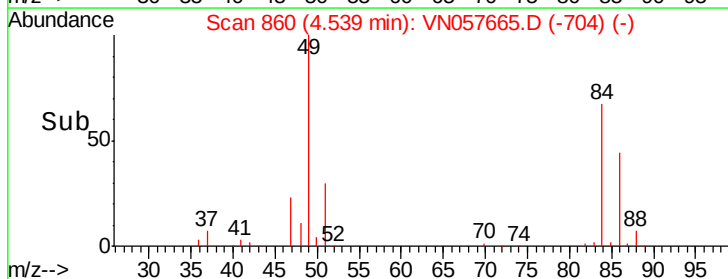
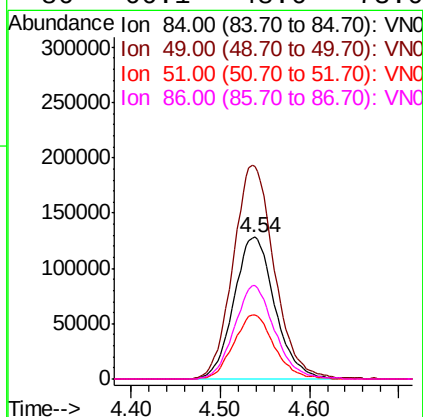
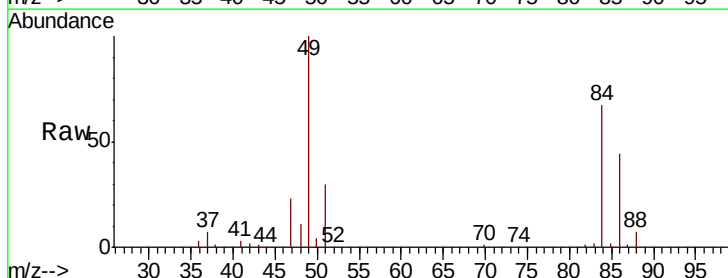
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

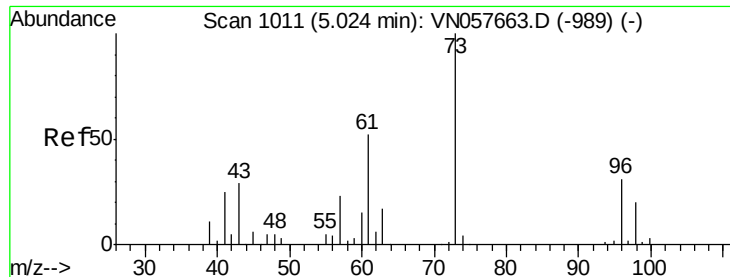
Tgt Ion: 41 Resp: 767773
 Ion Ratio Lower Upper
 41 100
 39 87.5 43.0 128.8
 76 30.0 14.2 42.8



#18
 Methylene Chloride
 Concen: 129.586 ug/l
 RT: 4.54 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 84 Resp: 409829
 Ion Ratio Lower Upper
 84 100
 49 149.7 113.7 170.5
 51 45.4 34.5 51.7
 86 66.1 48.6 73.0

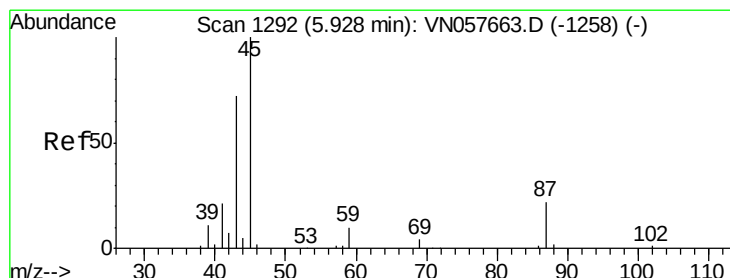
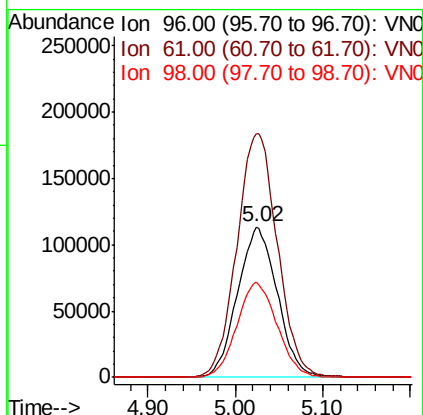
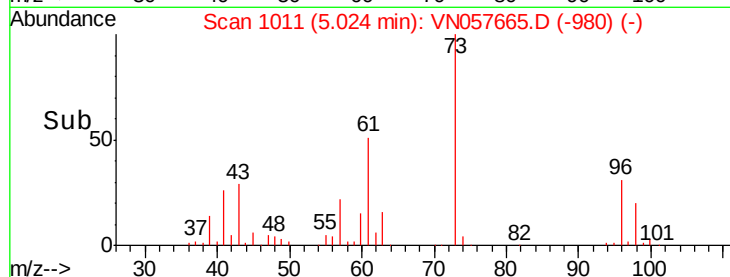
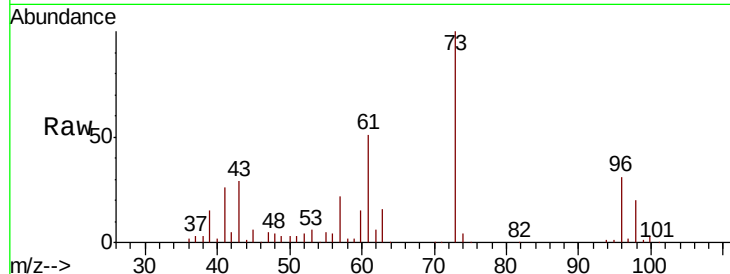




#19
trans-1,2-Dichloroethene
Concen: 117.077 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

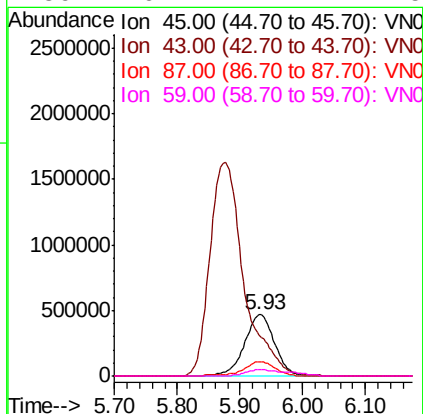
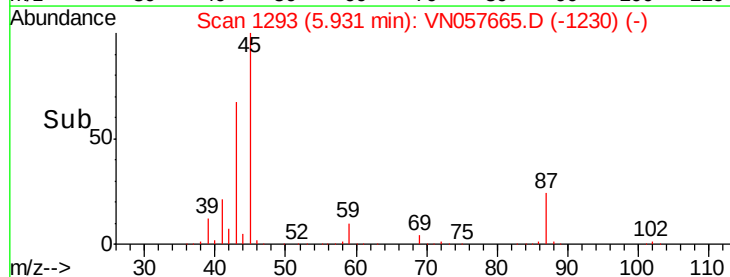
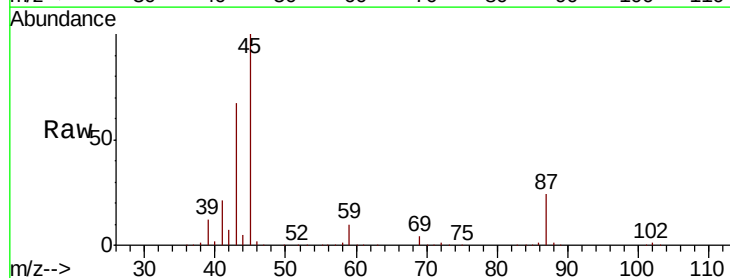
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

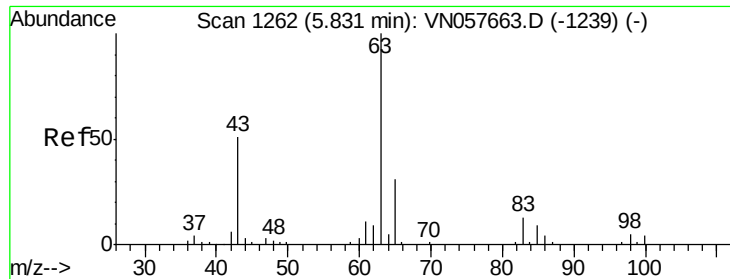
Tgt Ion: 96 Resp: 357318
Ion Ratio Lower Upper
96 100
61 162.1 133.4 200.0
98 63.3 50.4 75.6



#20
Diisopropyl ether
Concen: 155.184 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion: 45 Resp: 1560691
Ion Ratio Lower Upper
45 100
43 66.5 58.3 87.5
87 23.6 18.5 27.7
59 10.2 7.7 11.5

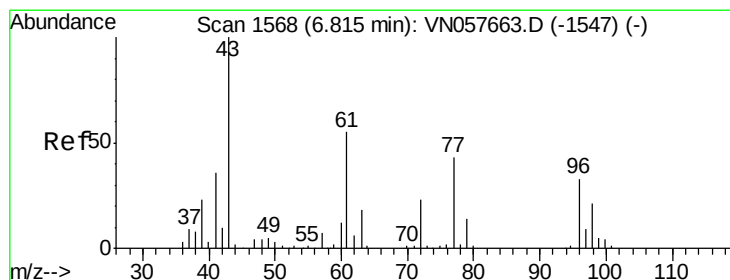
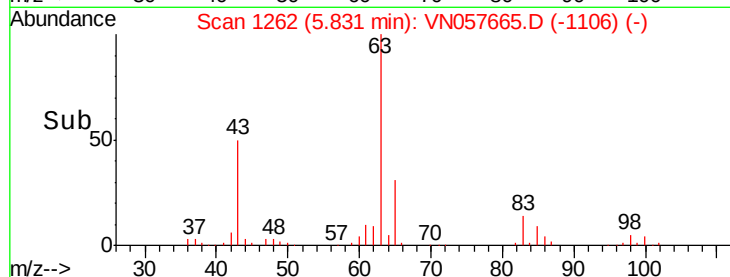
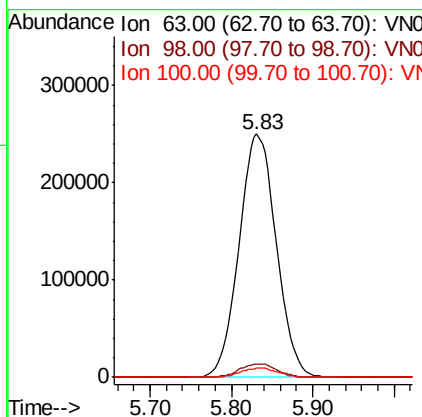
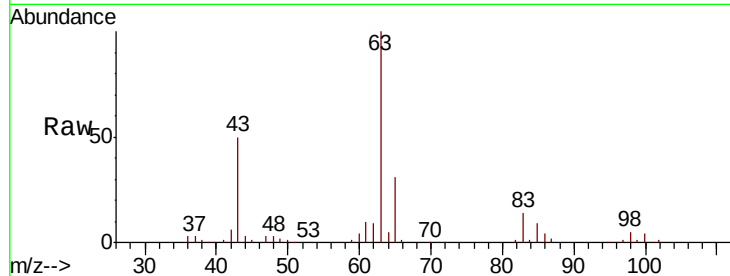




#21
 1,1-Dichloroethane
 Concen: 131.121 ug/l
 RT: 5.83 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

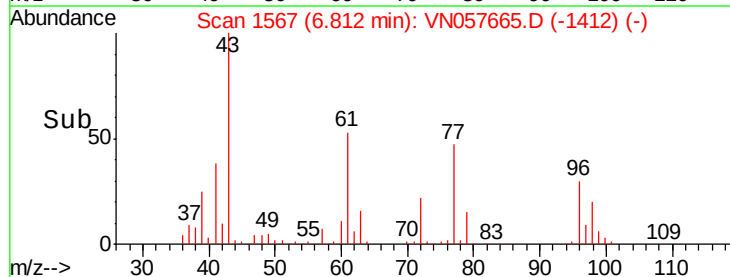
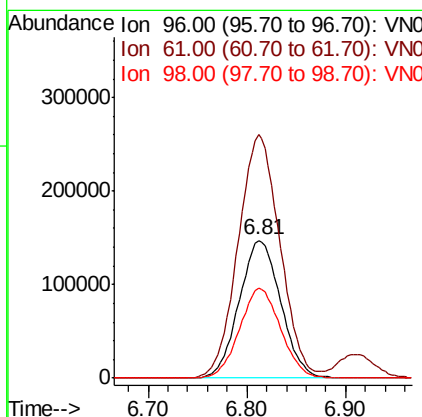
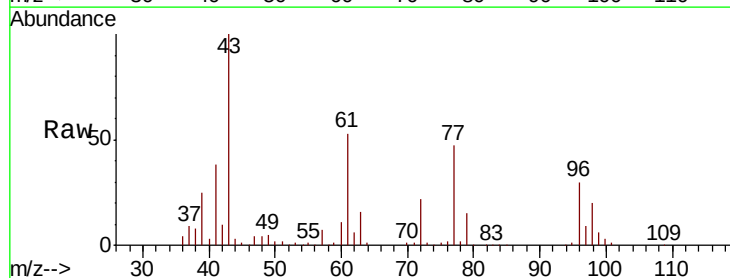
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

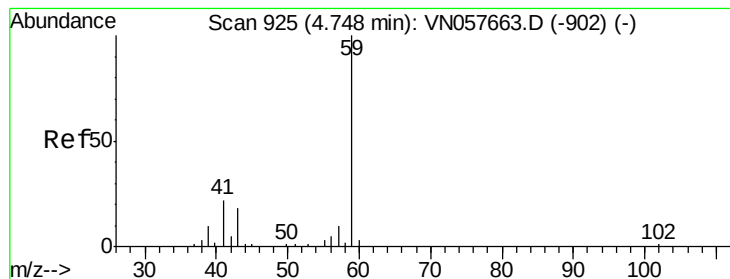
Tgt Ion: 63 Resp: 788971
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.6 7.8
 100 3.7 1.8 5.5



#22
 cis-1,2-Dichloroethene
 Concen: 106.538 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 96 Resp: 429405
 Ion Ratio Lower Upper
 96 100
 61 177.9 137.2 205.8
 98 64.5 50.5 75.7



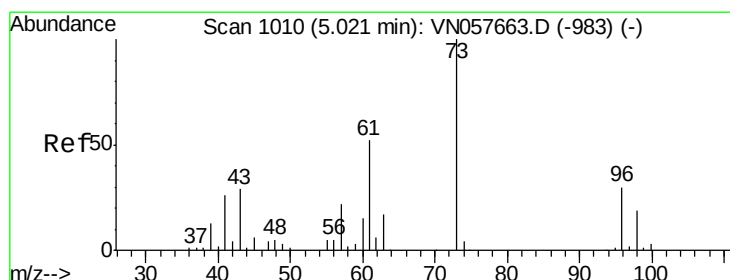
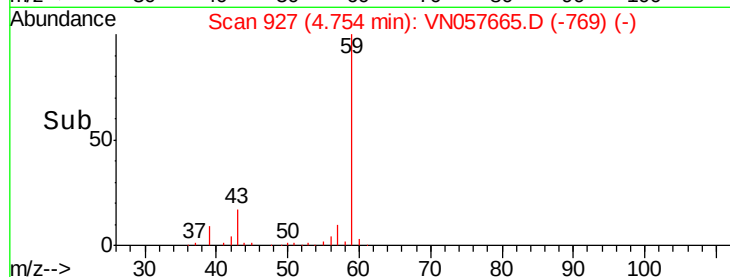
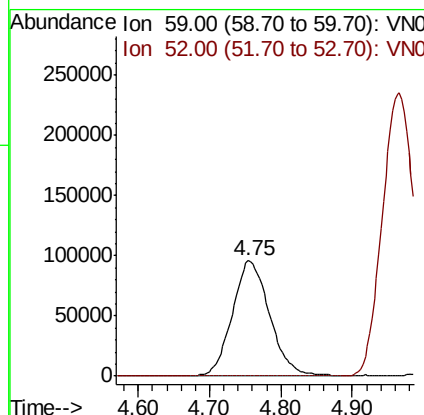
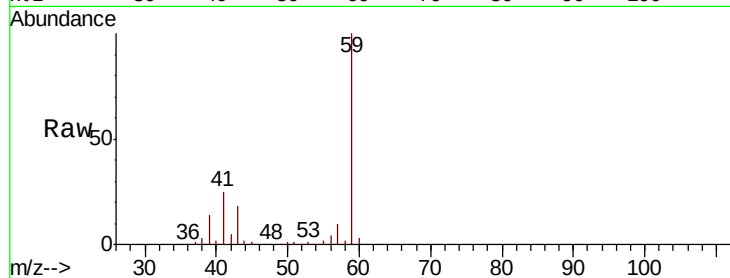


#23

tert-Butyl Alcohol
 Concen: 786.252 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

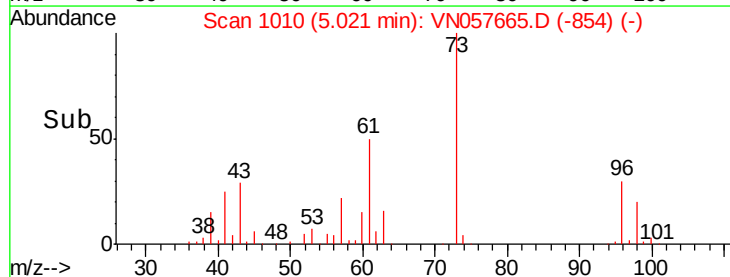
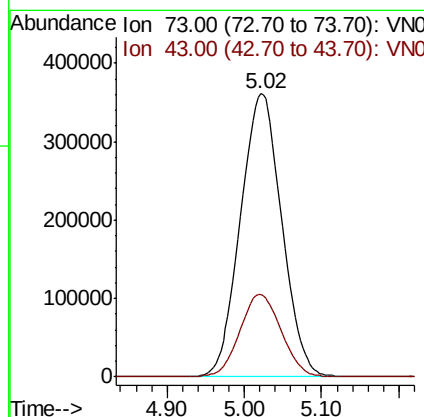
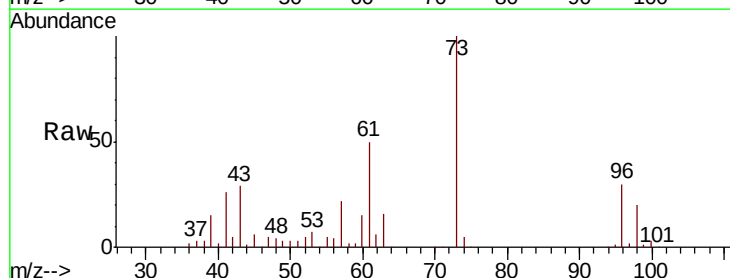
Tgt Ion: 59 Resp: 349134
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0#

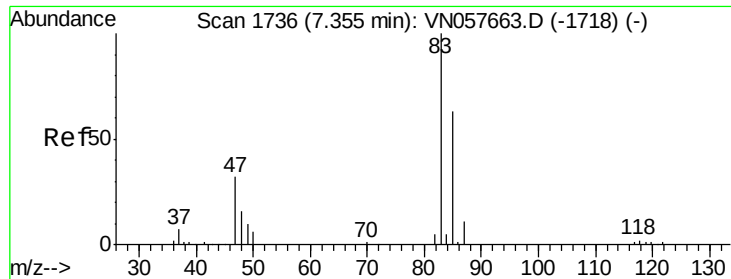


#24

Methyl tert-Butyl Ether
 Concen: 132.036 ug/l
 RT: 5.02 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 73 Resp: 1344643
 Ion Ratio Lower Upper
 73 100
 43 28.7 23.2 34.8

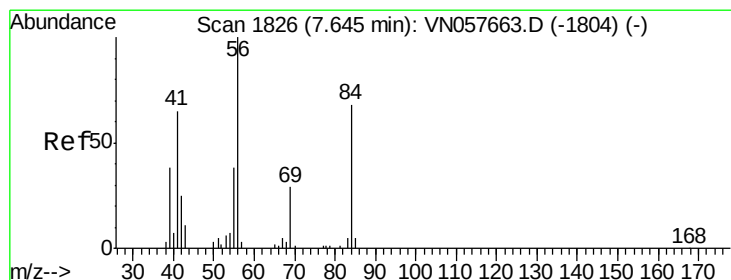
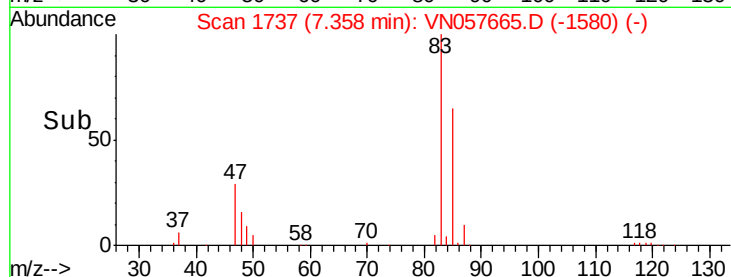
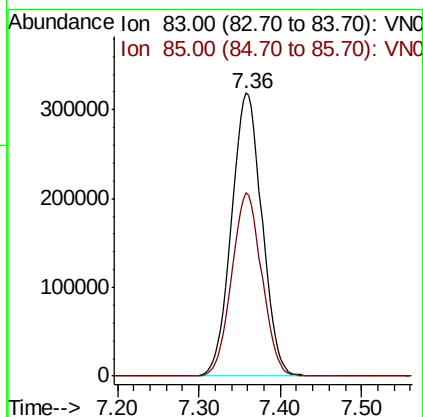
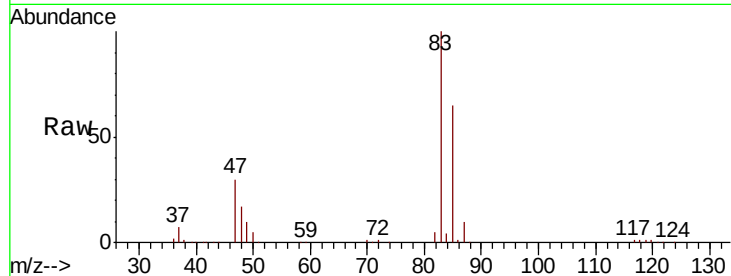




#25
Chloroform
Concen: 117.569 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

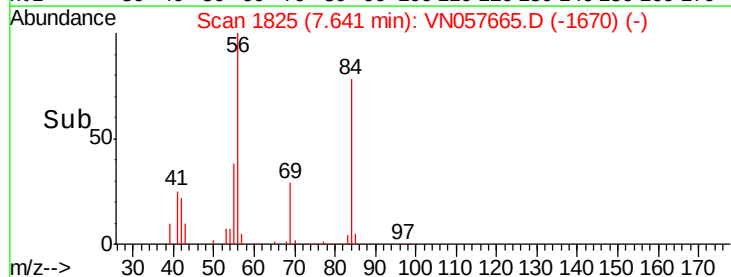
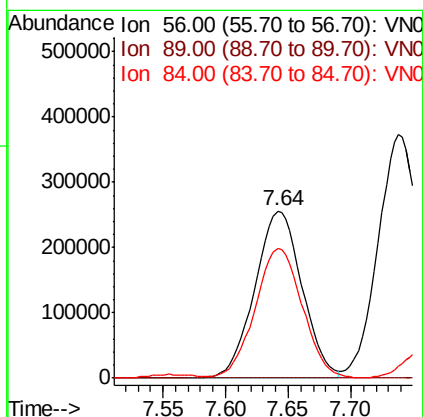
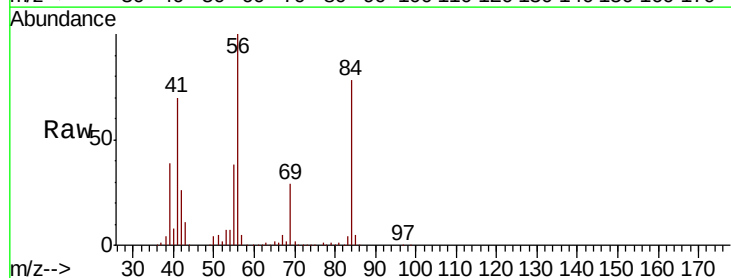
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

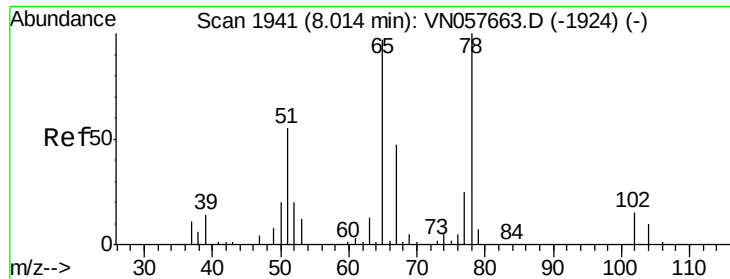
Tgt Ion: 83 Resp: 830539
Ion Ratio Lower Upper
83 100
85 64.7 50.8 76.2



#26
Cyclohexane
Concen: 133.568 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion: 56 Resp: 670760
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 77.8 60.4 90.6

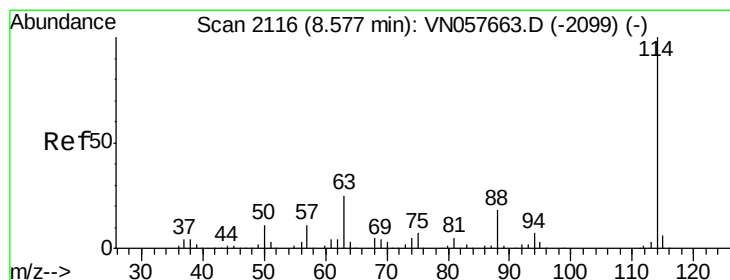
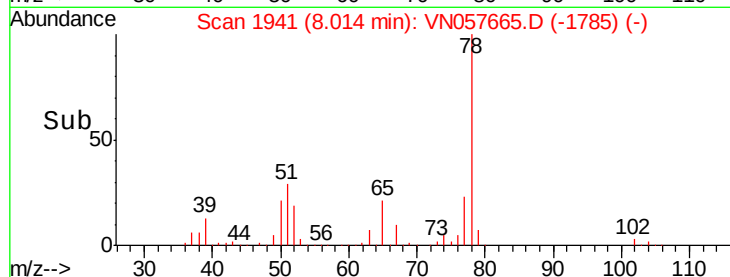
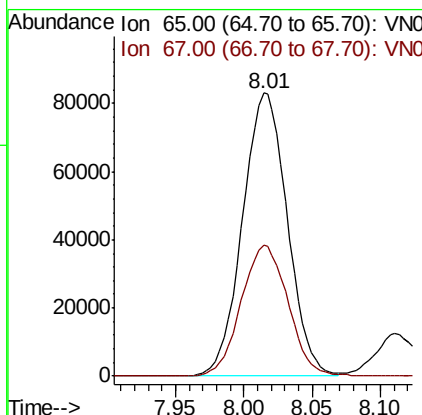
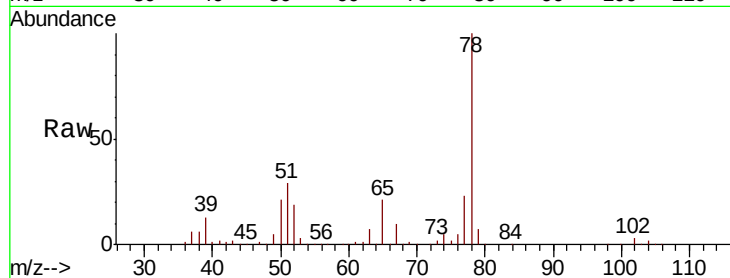




#27
 1,2-Dichloroethane-d4
 Concen: 38.970 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

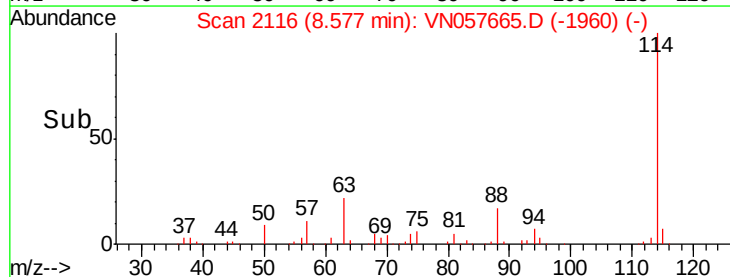
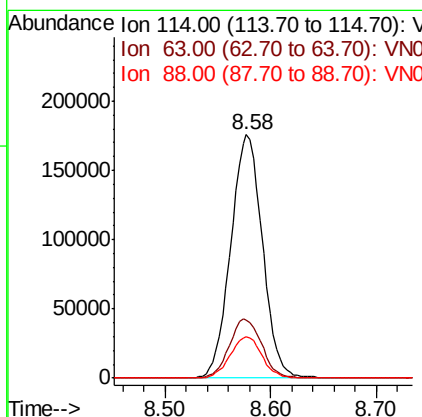
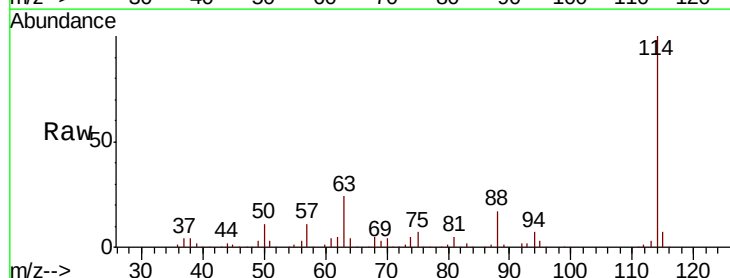
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

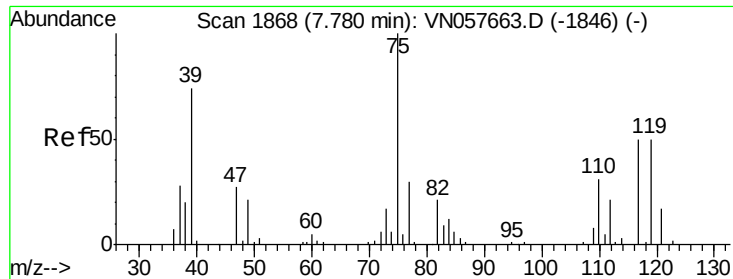
Tgt Ion: 65 Resp: 189223
 Ion Ratio Lower Upper
 65 100
 67 48.5 38.6 57.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 114 Resp: 366487
 Ion Ratio Lower Upper
 114 100
 63 24.7 20.6 30.8
 88 17.1 14.3 21.5

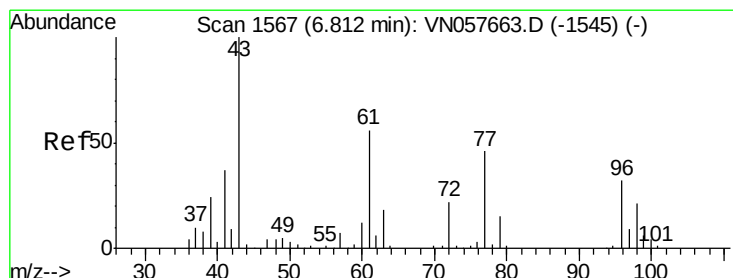
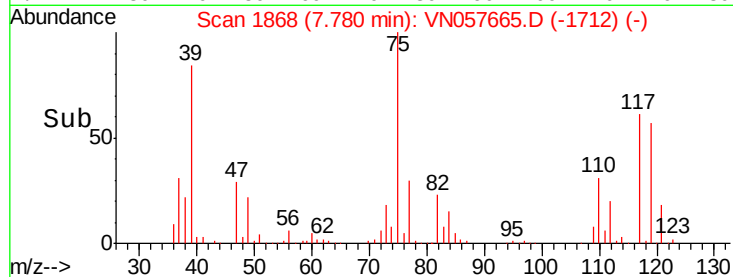
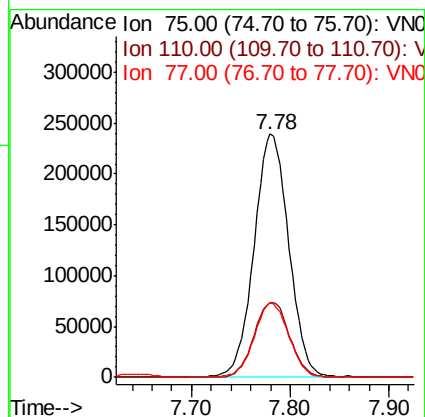
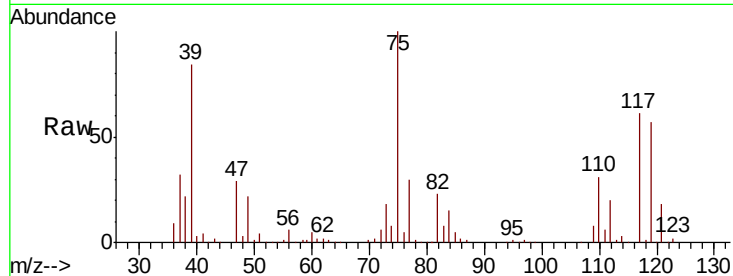




#29
 1,1-Dichloropropene
 Concen: 113.810 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

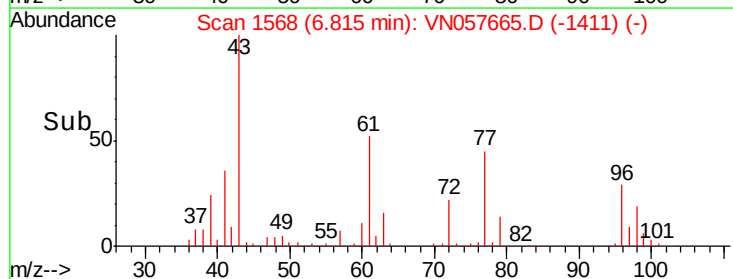
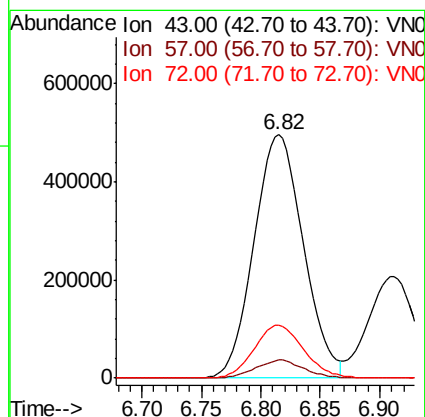
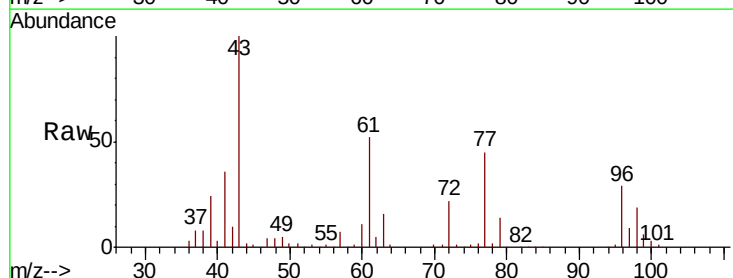
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

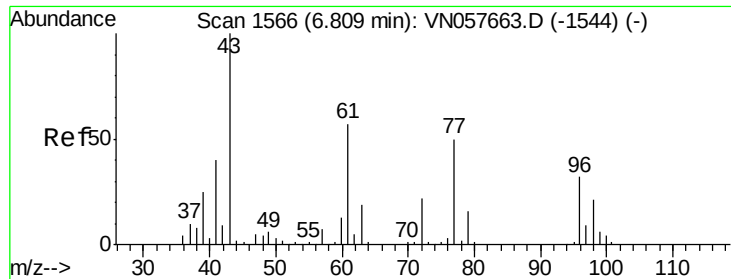
Tgt Ion: 75 Resp: 579718
 Ion Ratio Lower Upper
 75 100
 110 31.5 0.0 62.8
 77 30.6 0.0 57.8



#30
 2-Butanone
 Concen: 793.439 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 43 Resp: 1422765
 Ion Ratio Lower Upper
 43 100
 57 7.3 2.6 3.8#
 72 21.9 18.1 27.1

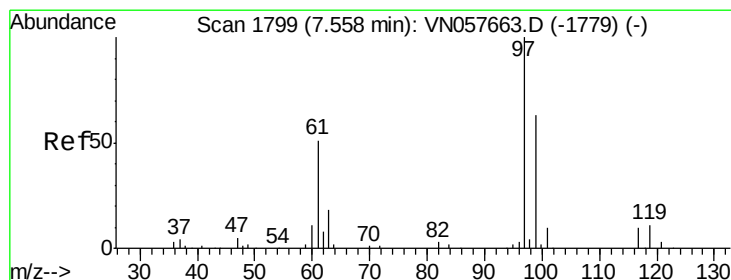
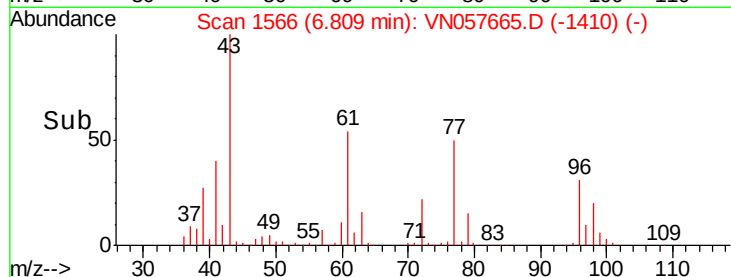
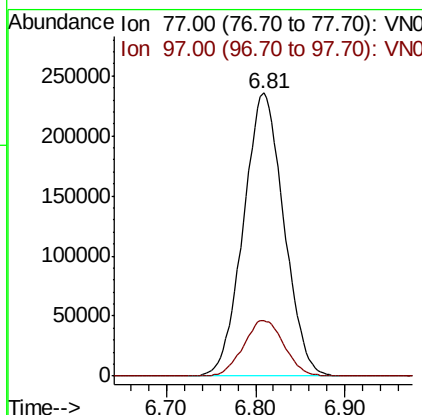
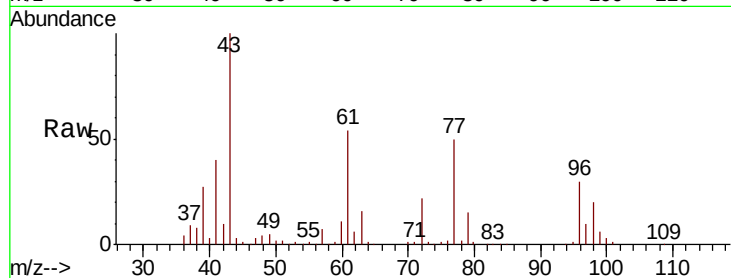




#31
 2,2-Dichloropropane
 Concen: 121.855 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

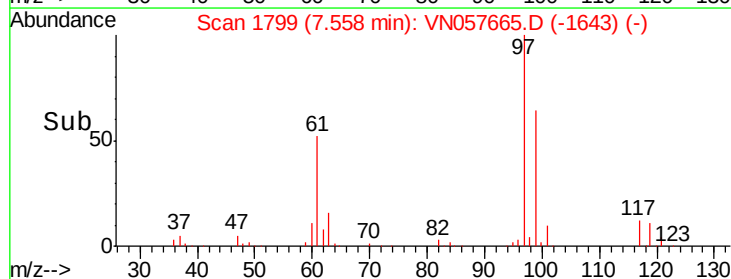
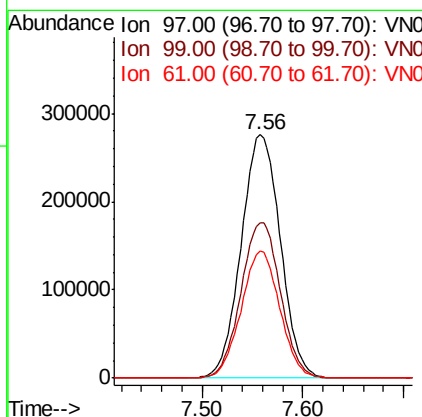
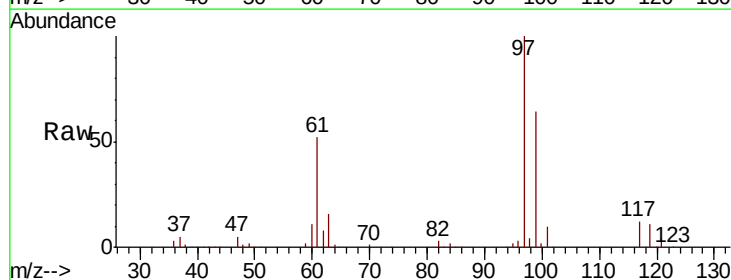
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

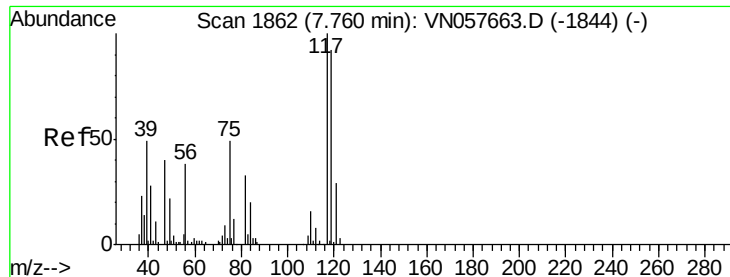
Tgt Ion: 77 Resp: 743501
 Ion Ratio Lower Upper
 77 100
 97 19.9 8.8 13.2#



#32
 1,1,1-Trichloroethane
 Concen: 111.529 ug/l
 RT: 7.56 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 97 Resp: 745364
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.9 77.9
 61 51.4 41.4 62.0





#33

Carbon Tetrachloride

Concen: 108.375 ug/l

RT: 7.76 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

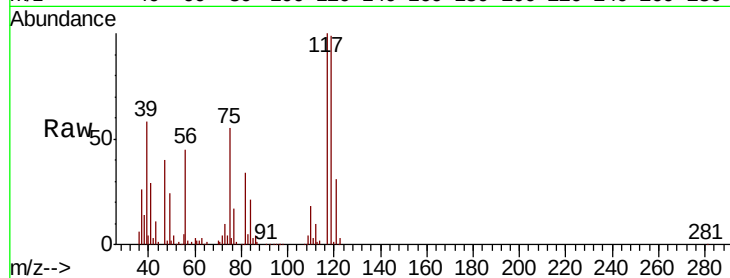
Tgt Ion:117 Resp: 609393

Ion Ratio Lower Upper

117 100

119 98.6 73.3 109.9

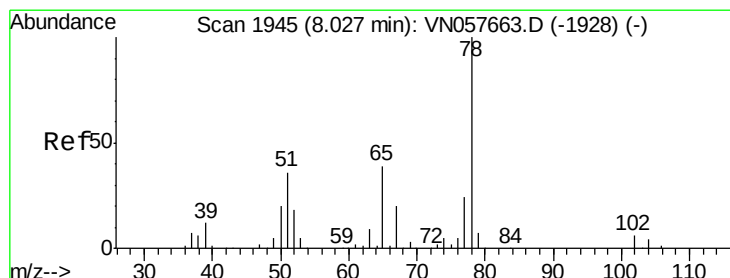
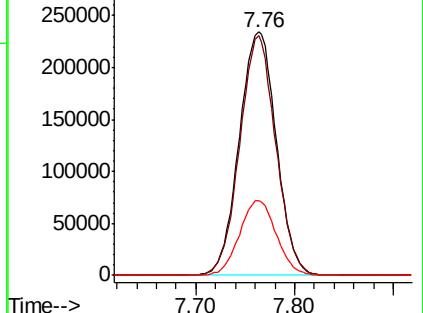
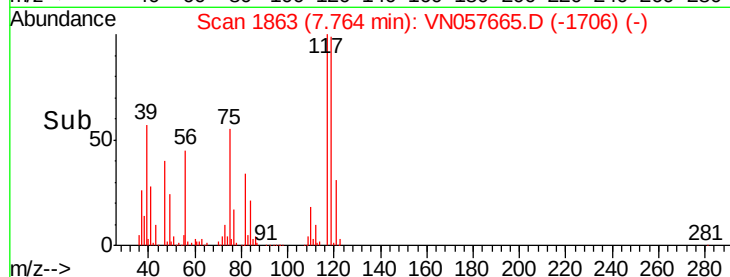
121 30.8 23.3 34.9



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: 110.829 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

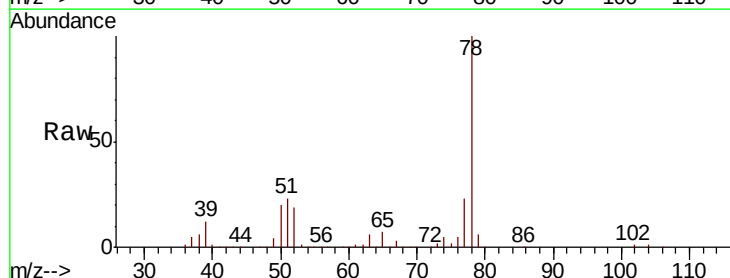
Tgt Ion: 78 Resp: 1674981

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2

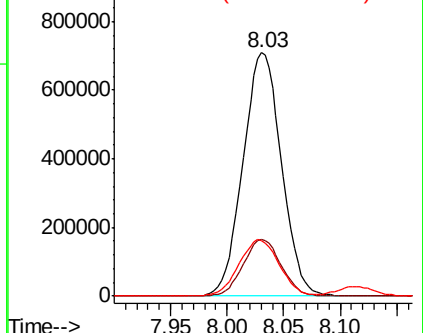
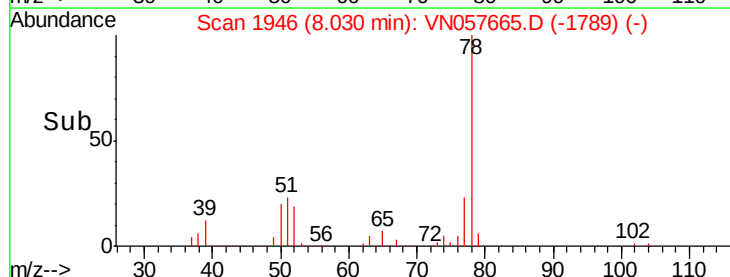
51 22.8 29.0 43.6#

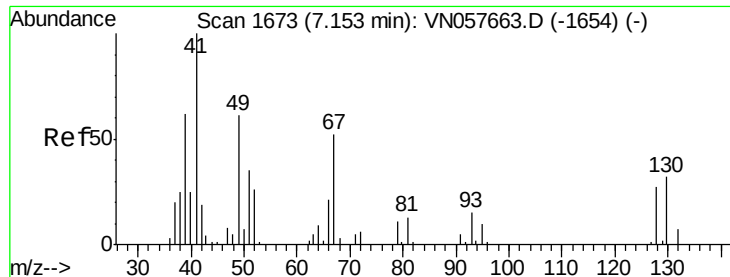


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

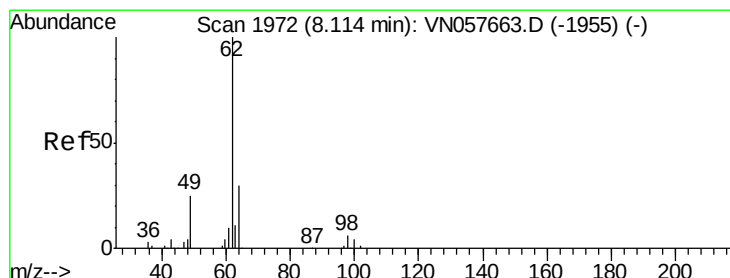
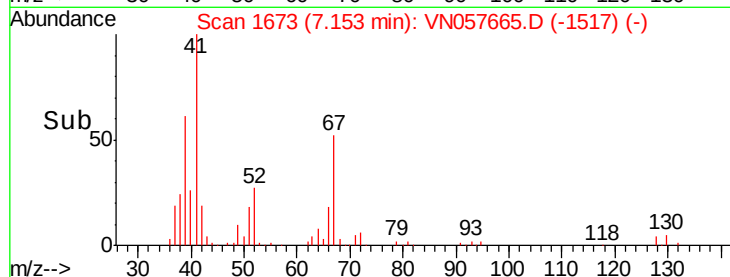
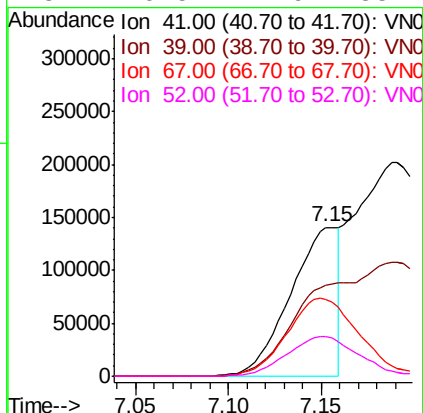
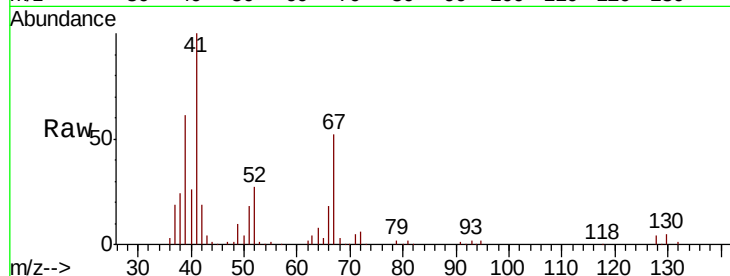




#35
Methacrylonitrile
Concen: 147.749 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

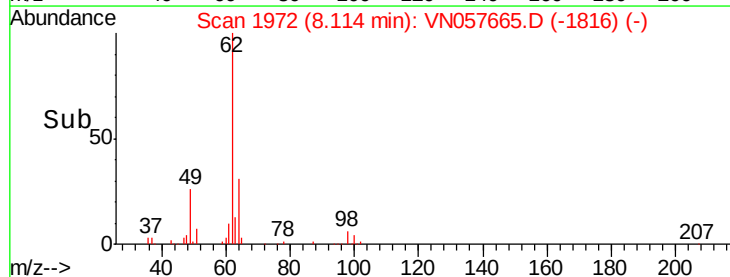
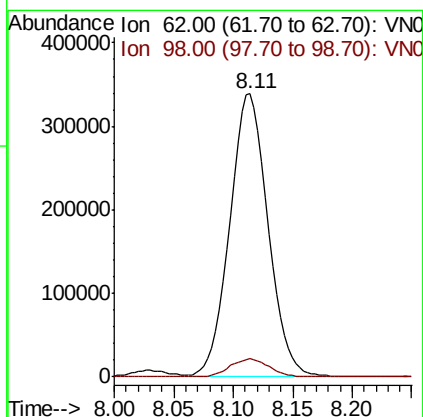
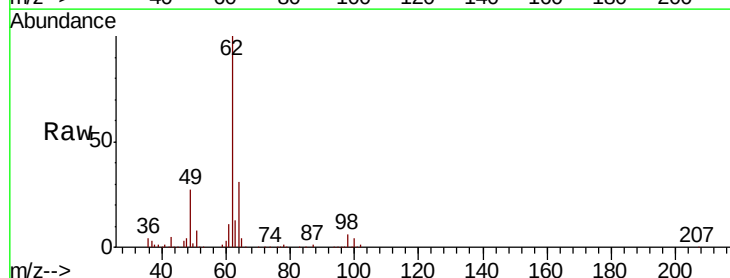
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

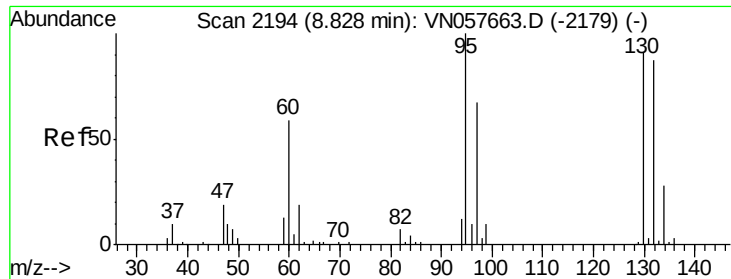
Tgt Ion:	41	Resp:	253467
Ion	Ratio	Lower	Upper
41	100		
39	60.6	31.0	93.0
67	51.8	25.9	77.7
52	26.5	12.9	38.7



#36
1,2-Dichloroethane
Concen: 130.683 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion:	62	Resp:	752377
Ion	Ratio	Lower	Upper
62	100		
98	6.5	0.0	0.0#

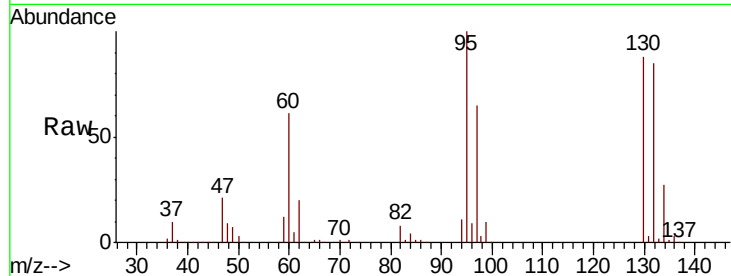




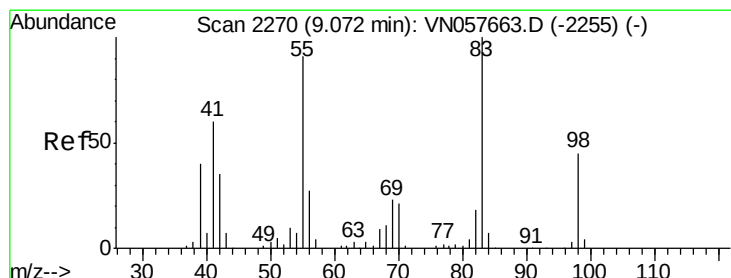
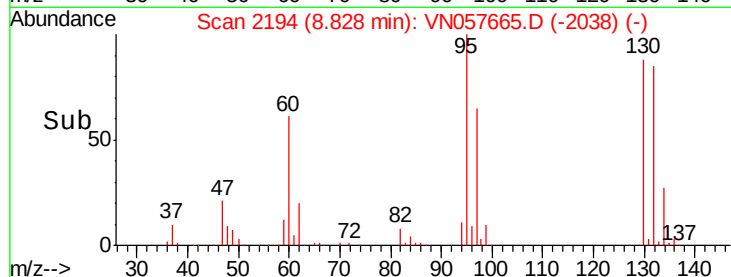
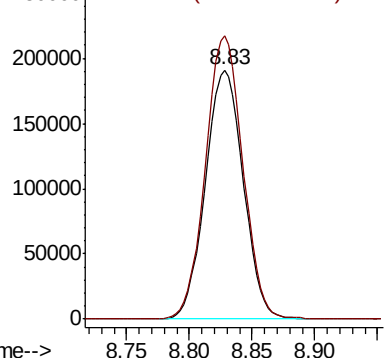
#37
 Trichloroethene
 Concen: 95.377 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:130 Resp: 401381
 Ion Ratio Lower Upper
 130 100
 95 113.5 87.5 131.3

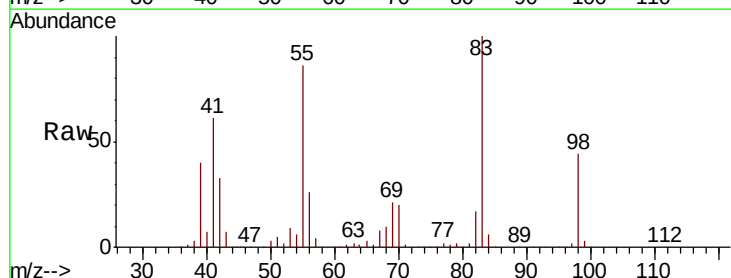


Abundance Ion 129.90 (129.60 to 130.60): VN057663.D (-2179) (-)
 Ion 94.90 (94.60 to 95.60): VN057663.D (-2179) (-)

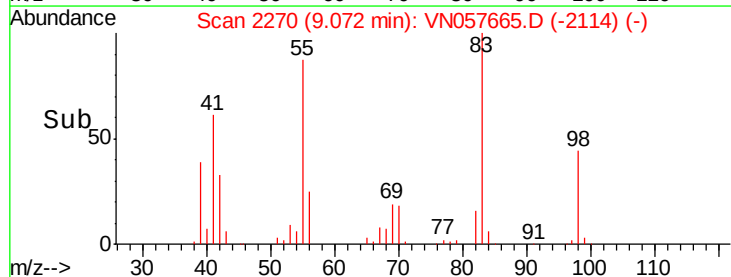
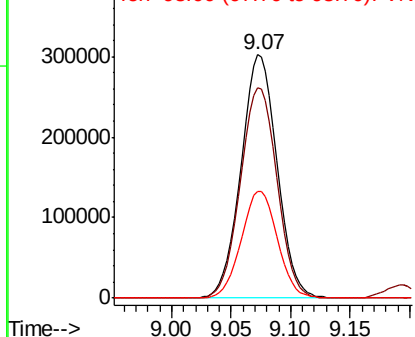


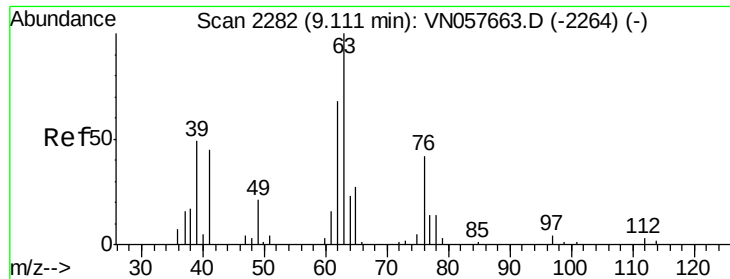
#38
 Methylcyclohexane
 Concen: 105.278 ug/l
 RT: 9.07 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 83 Resp: 635801
 Ion Ratio Lower Upper
 83 100
 55 87.7 45.1 135.3
 98 44.2 22.5 67.5



Abundance Ion 83.00 (82.70 to 83.70): VN057663.D (-2255) (-)
 Ion 55.00 (54.70 to 55.70): VN057663.D (-2255) (-)
 Ion 98.00 (97.70 to 98.70): VN057663.D (-2255) (-)





#39

1,2-Dichloropropane

Concen: 119.407 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

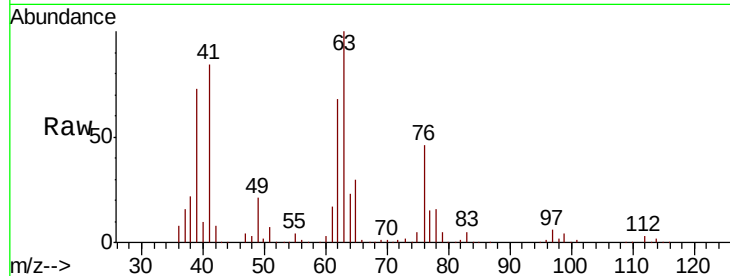
VSTDIC100

Tgt Ion: 63 Resp: 454121

Ion Ratio Lower Upper

63 100

65 30.4 22.2 33.2



Abundance Ion 63.00 (62.70 to 63.70): VN057665.D (-2126) (-)

Ion 65.00 (64.70 to 65.70): VN057665.D (-2126) (-)

250000

200000

150000

100000

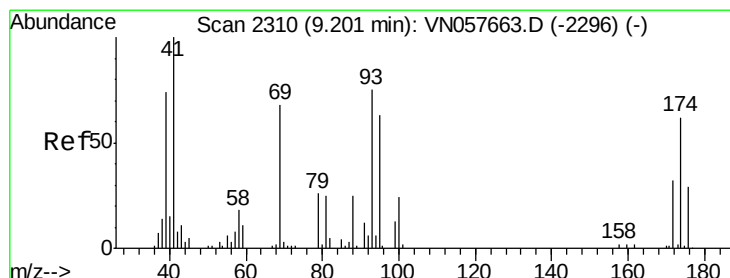
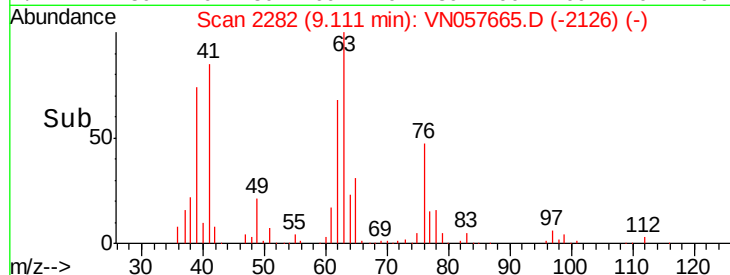
50000

0

9.11

9.00 9.10 9.20

Time-->



#40

Dibromomethane

Concen: 107.532 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

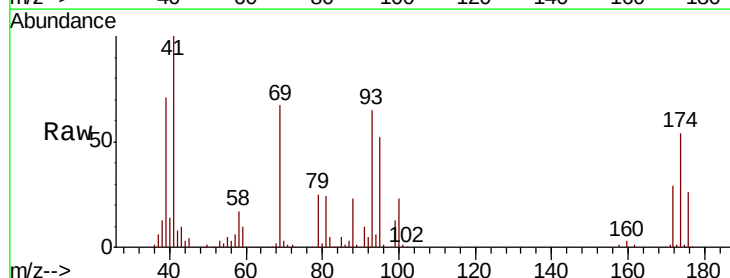
Tgt Ion: 93 Resp: 300966

Ion Ratio Lower Upper

93 100

95 80.1 0.0 168.2

174 83.0 0.0 169.2



Abundance Ion 93.00 (92.70 to 93.70): VN057665.D (-2154) (-)

Ion 95.00 (94.70 to 95.70): VN057665.D (-2154) (-)

Ion 174.00 (173.70 to 174.70): VN057665.D (-2154) (-)

200000

150000

100000

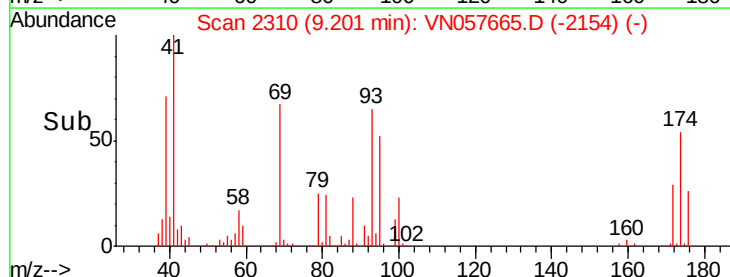
50000

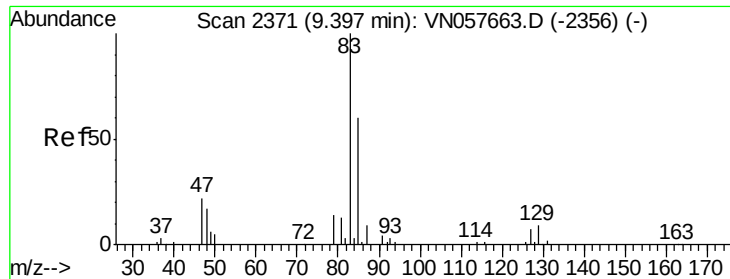
0

9.20

9.10 9.15 9.20 9.25 9.30

Time-->





#41

Bromodichloromethane

Concen: 116.556 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

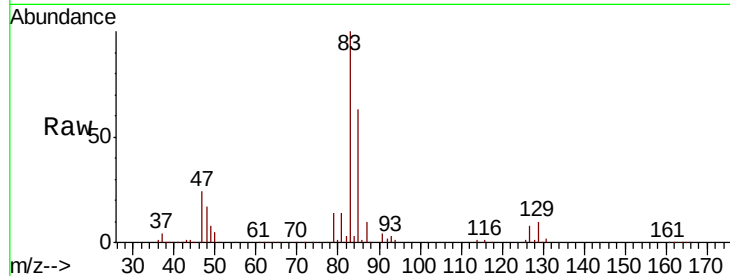
Tgt Ion: 83 Resp: 674424

Ion Ratio Lower Upper

83 100

85 63.0 48.2 72.4

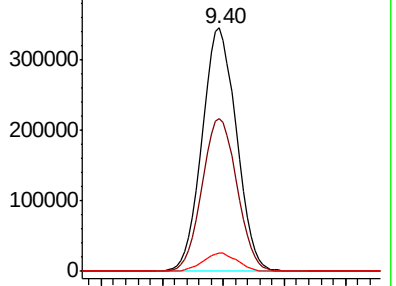
127 7.6 5.3 7.9



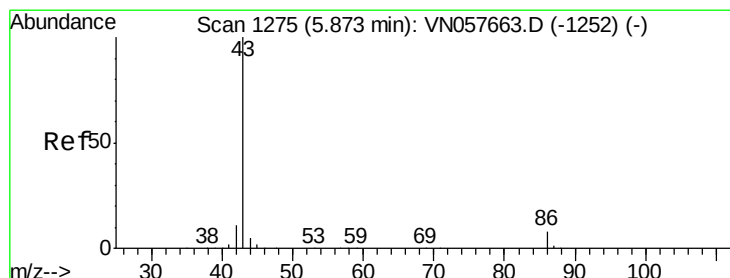
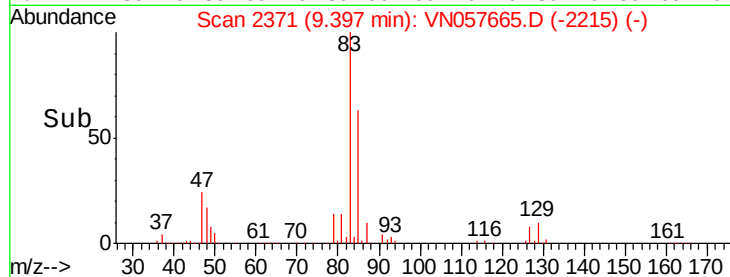
Abundance Ion 83.00 (82.70 to 83.70): VN057663.D (-2356) (-)

Ion 85.00 (84.70 to 85.70): VN057663.D (-2356) (-)

Ion 127.00 (126.70 to 127.70): VN057663.D (-2356) (-)



Time-->



#42

Vinyl Acetate

Concen: 760.675 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN057665.D

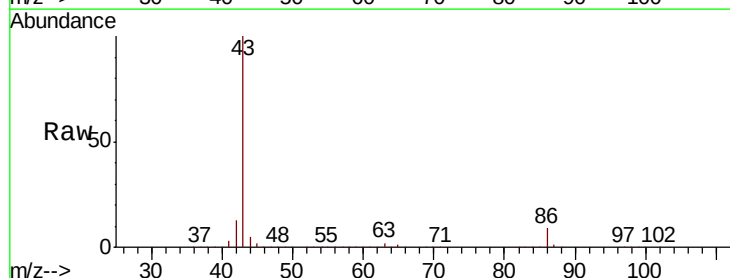
Acq: 3 Sep 2019 15:58

Tgt Ion: 43 Resp: 6120014

Ion Ratio Lower Upper

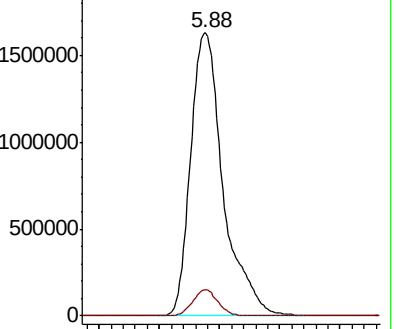
43 100

86 7.3 5.4 8.2

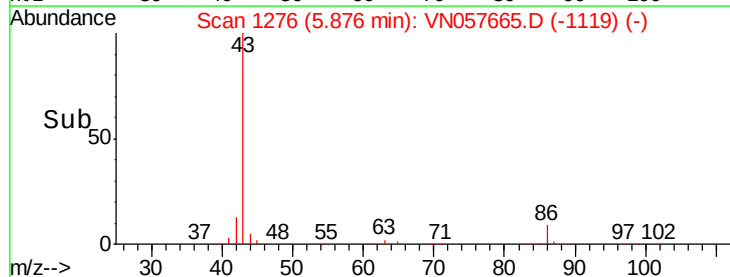


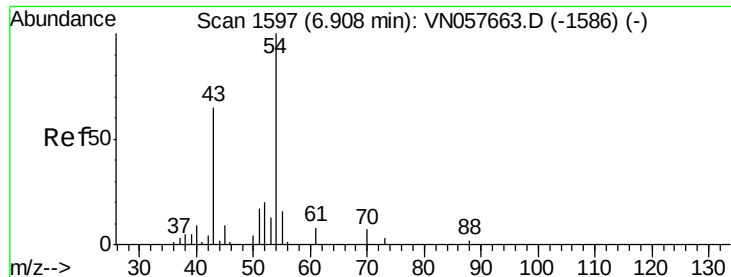
Abundance Ion 43.00 (42.70 to 43.70): VN057663.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN057663.D (-1252) (-)



Time-->

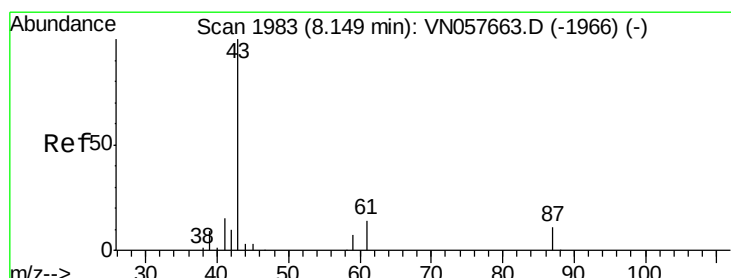
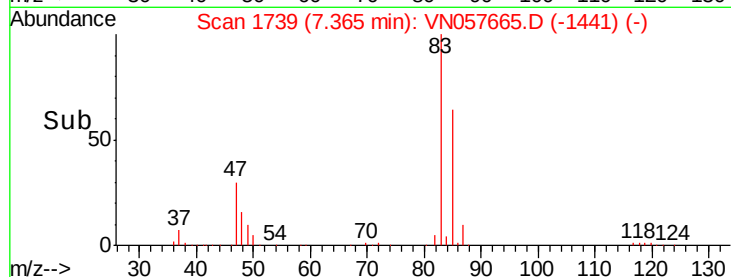
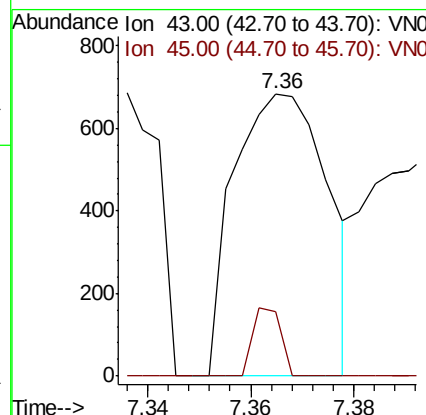
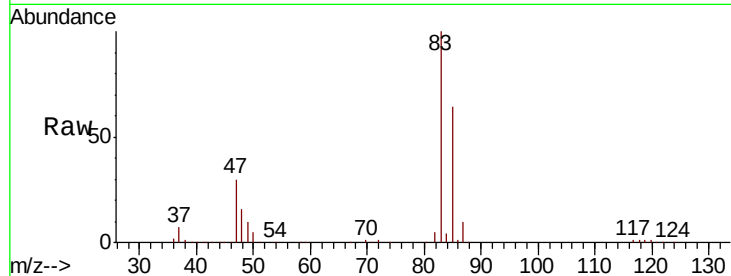




#43
Ethyl Acetate
Concen: 0.247 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.46 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

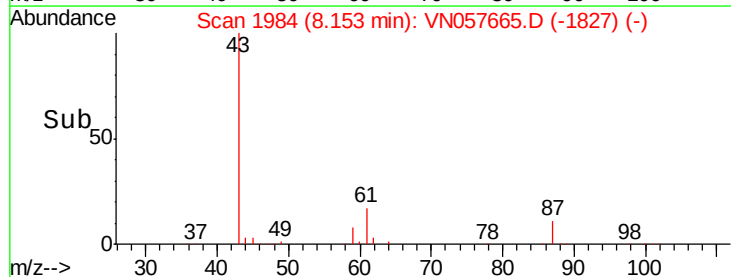
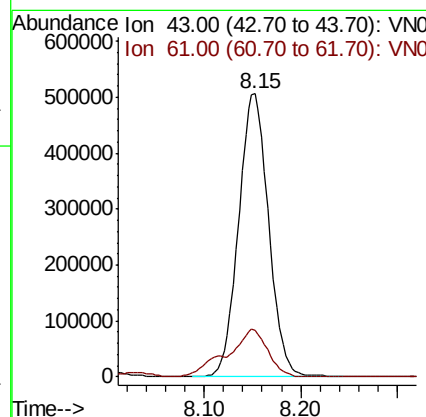
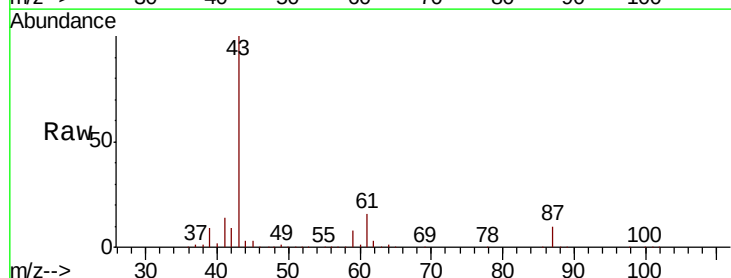
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

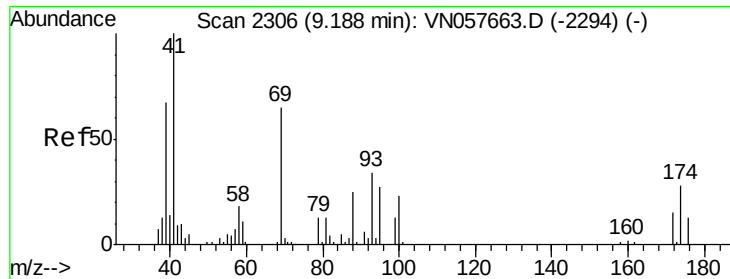
Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
45 7.2 5.0 7.6



#44
Isopropyl Acetate
Concen: 157.224 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion: 43 Resp: 1091204
Ion Ratio Lower Upper
43 100
61 17.1 12.6 18.8

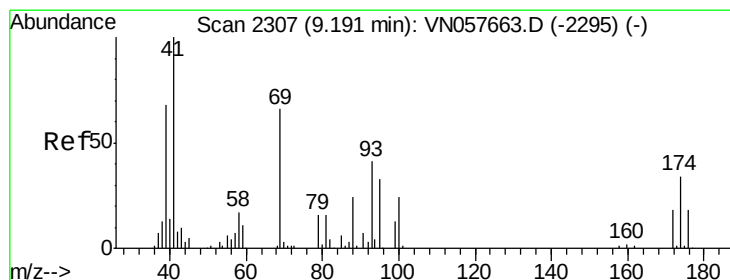
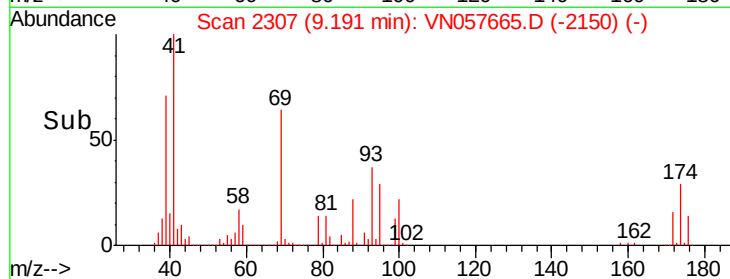
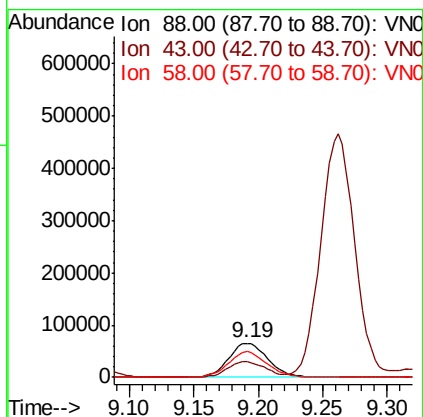
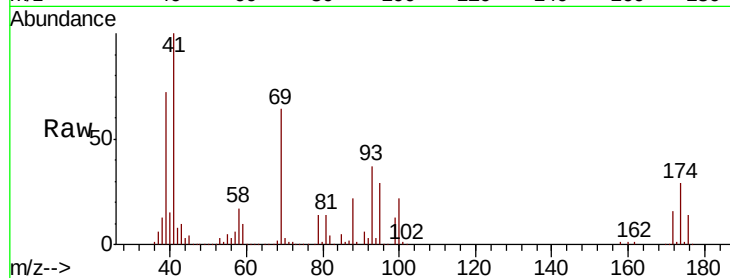




#45
 1,4-Dioxane
 Concen: 2486.206 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

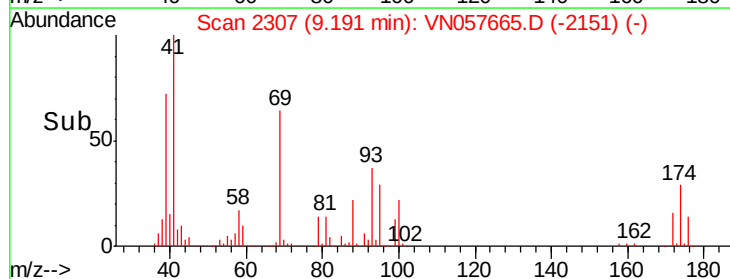
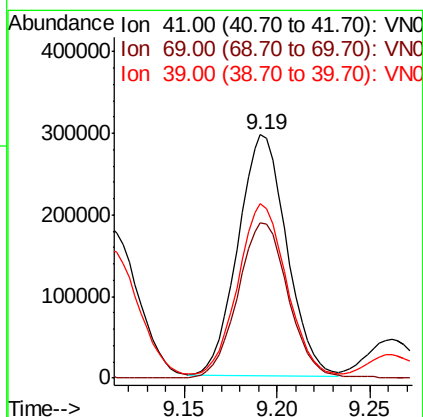
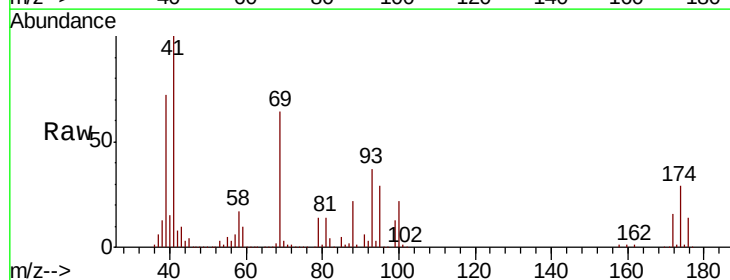
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

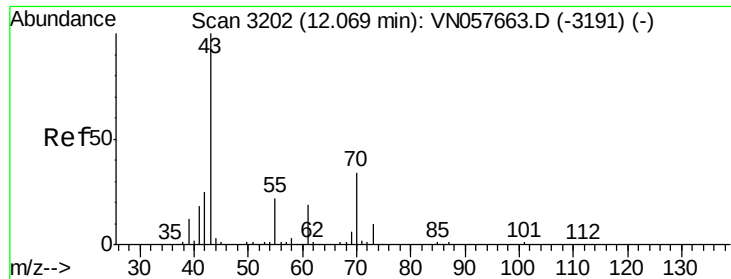
Tgt Ion: 88 Resp: 138809
 Ion Ratio Lower Upper
 88 100
 43 43.5 31.0 46.4
 58 73.9 58.2 87.2



#46
 Methyl methacrylate
 Concen: 167.305 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 41 Resp: 538411
 Ion Ratio Lower Upper
 41 100
 69 64.4 33.1 99.2
 39 71.0 34.0 102.0

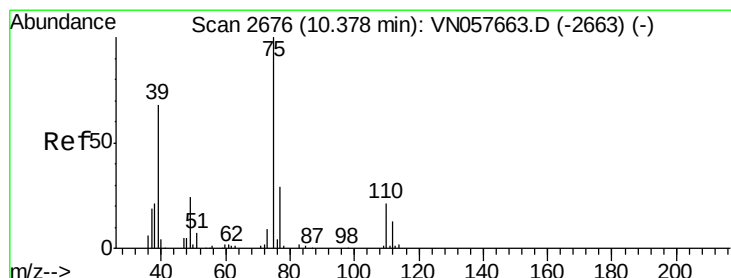
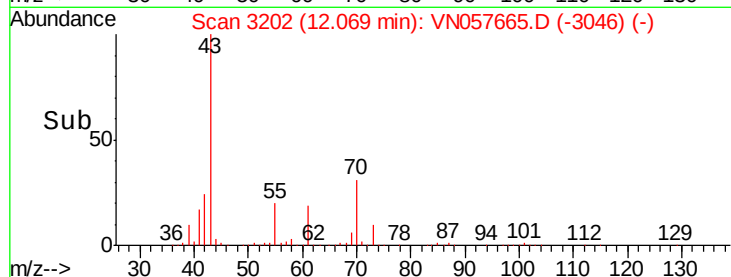
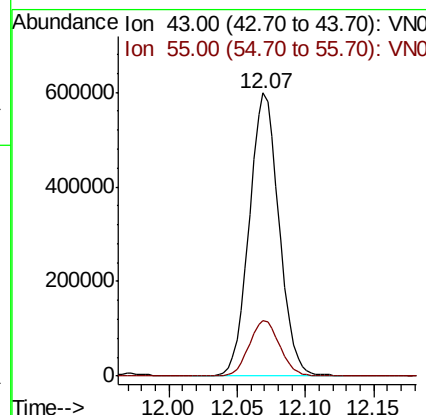
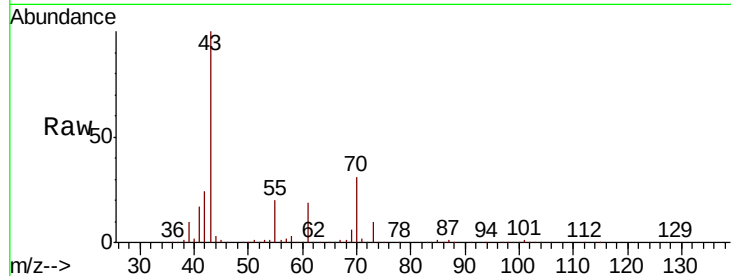




#47
n-amyl Acetate
Concen: 163.771 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

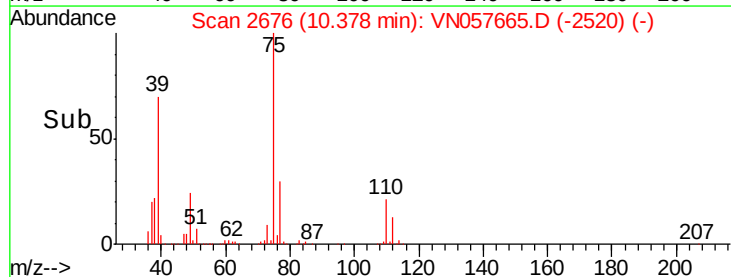
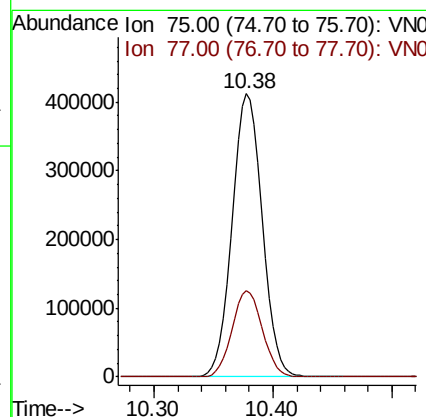
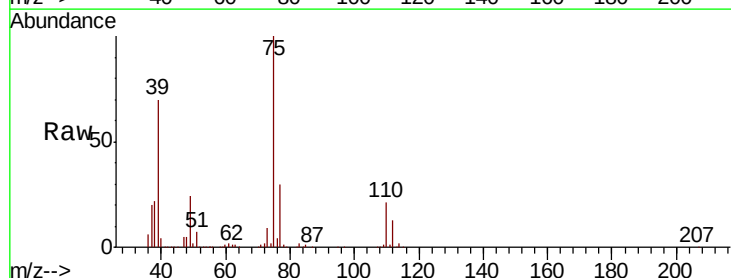
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

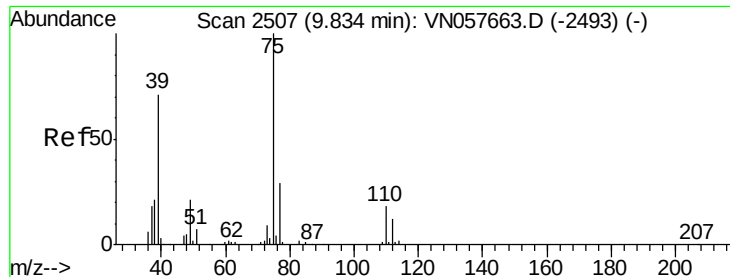
Tgt Ion: 43 Resp: 905404
Ion Ratio Lower Upper
43 100
55 20.2 17.5 26.3



#48
t-1,3-Dichloropropene
Concen: 123.520 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion: 75 Resp: 722066
Ion Ratio Lower Upper
75 100
77 30.4 23.1 34.7



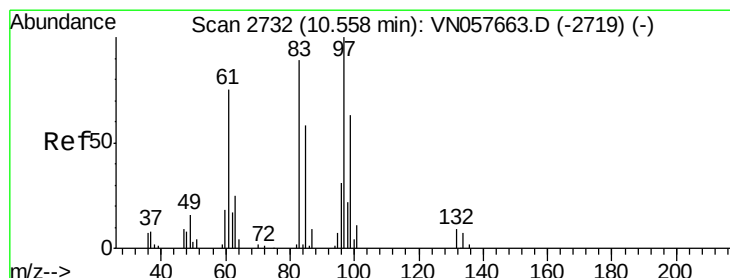
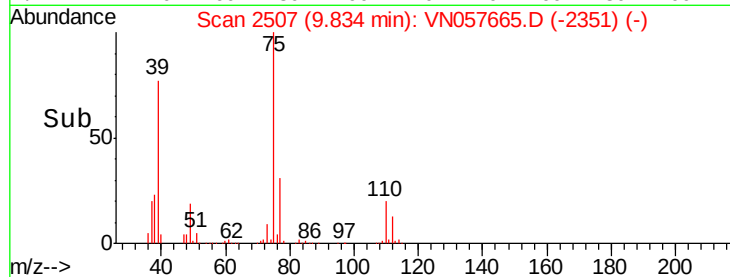
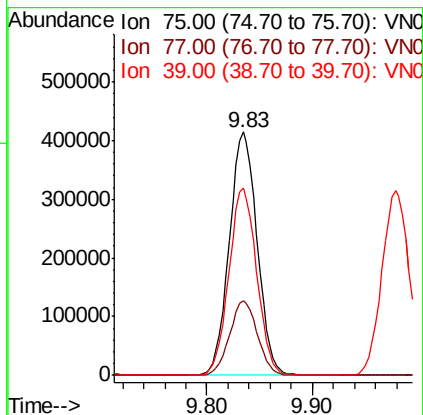
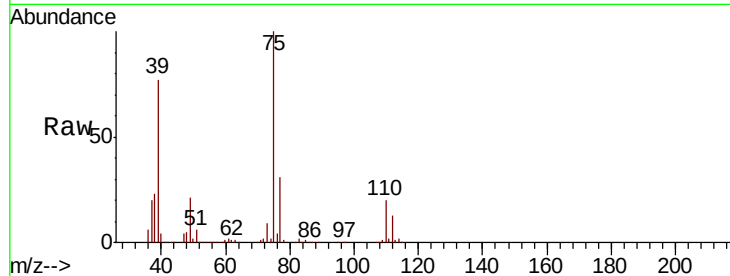


#49

cis-1,3-Dichloropropene
 Concen: 119.682 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

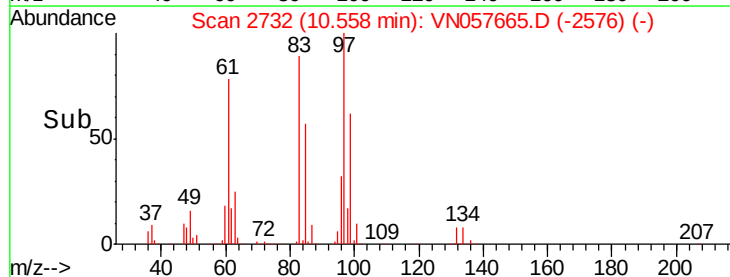
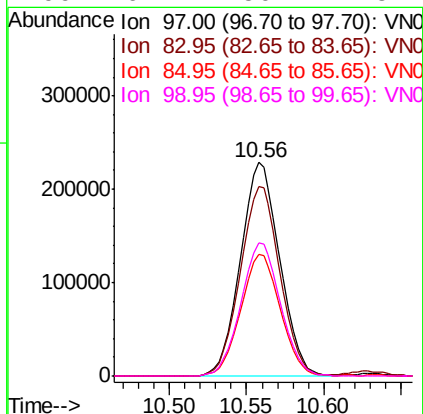
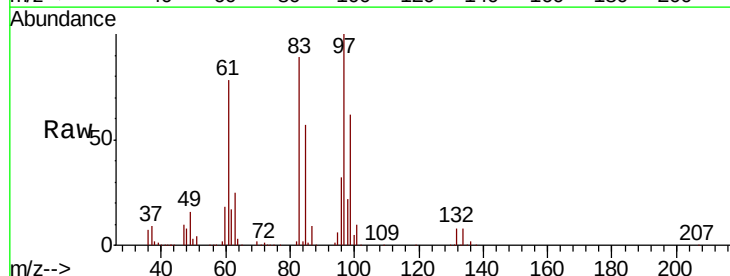
Tgt Ion: 75 Resp: 754764
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.4 35.2
 39 76.8 56.6 85.0

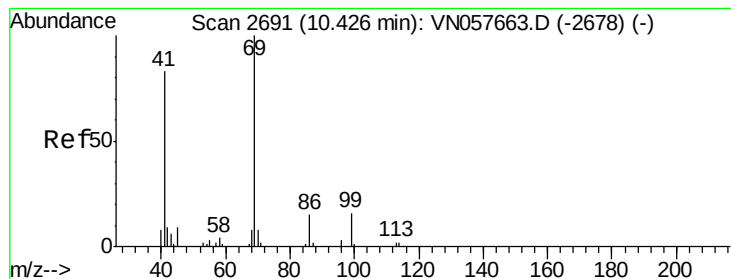


#50

1,1,2-Trichloroethane
 Concen: 100.865 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 97 Resp: 403223
 Ion Ratio Lower Upper
 97 100
 83 88.8 71.4 107.2
 85 57.0 46.0 69.0
 99 62.1 50.2 75.2





#51

Ethyl methacrylate

Concen: 127.143 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

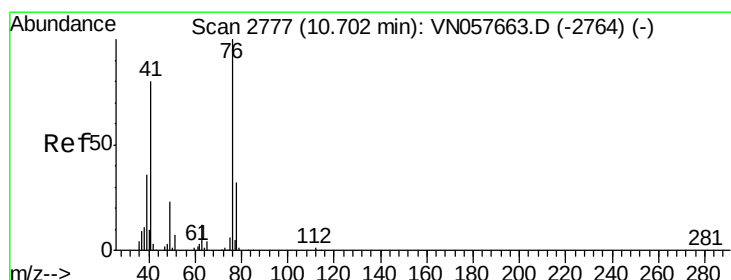
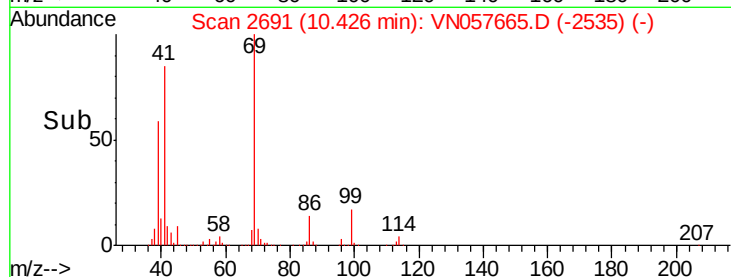
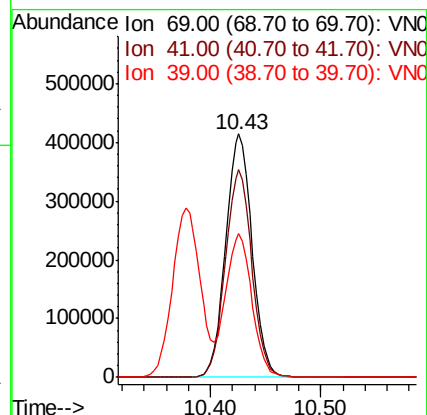
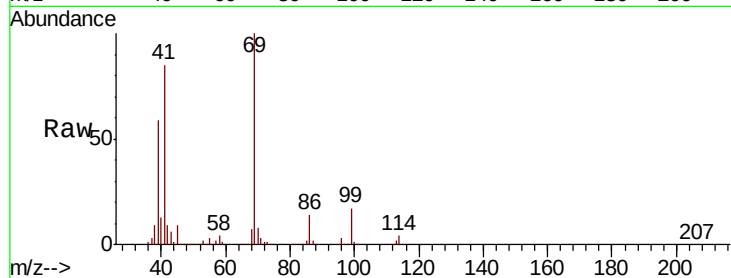
Tgt Ion: 69 Resp: 687288

Ion Ratio Lower Upper

69 100

41 85.1 41.5 124.5

39 58.6 29.6 88.9



#52

1,3-Dichloropropane

Concen: 113.354 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057665.D

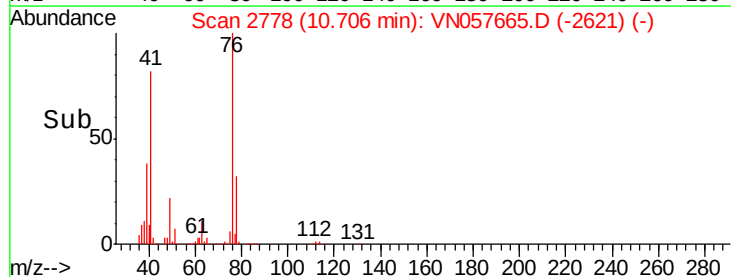
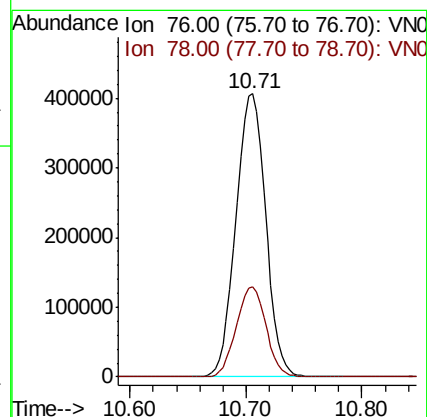
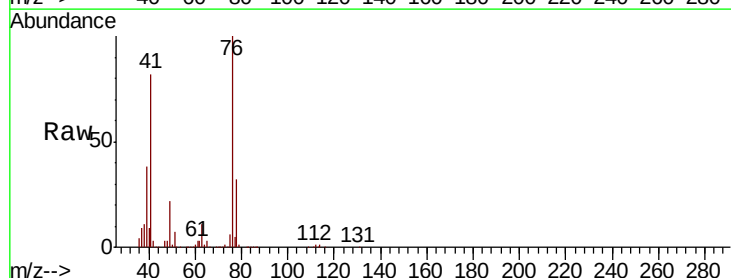
Acq: 3 Sep 2019 15:58

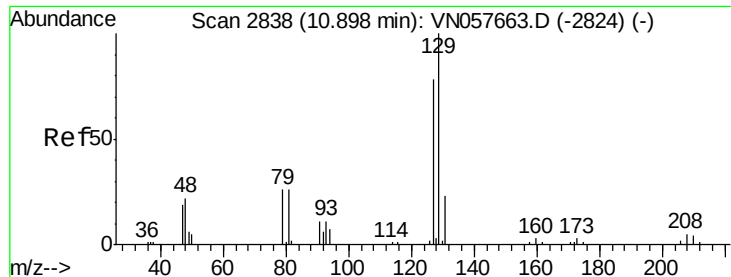
Tgt Ion: 76 Resp: 721206

Ion Ratio Lower Upper

76 100

78 31.7 0.0 63.8

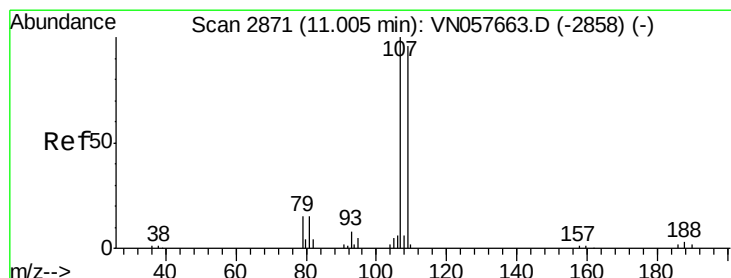
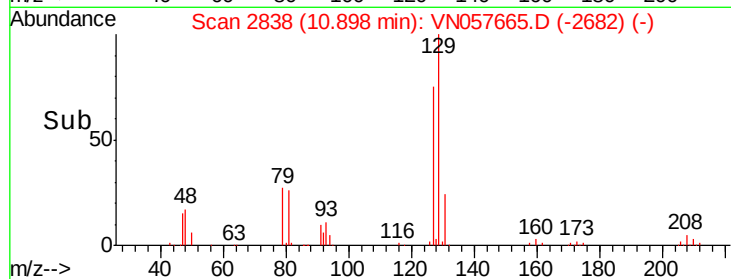
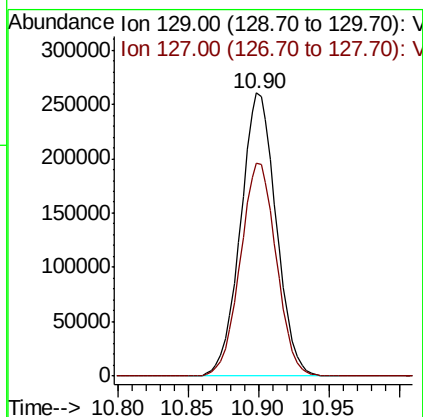
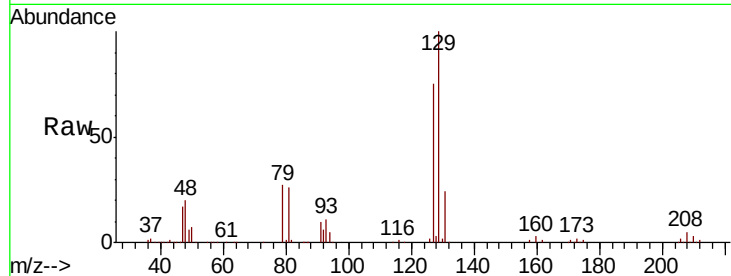




#53
 Dibromochloromethane
 Concen: 104.327 ug/l
 RT: 10.90 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

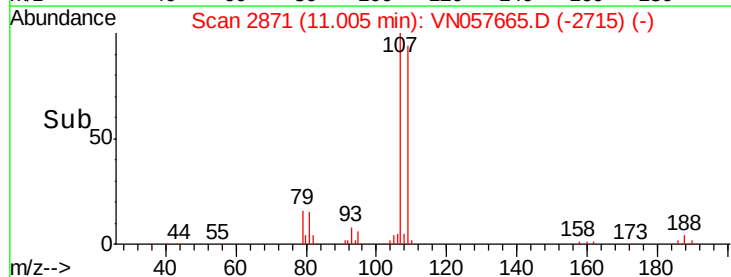
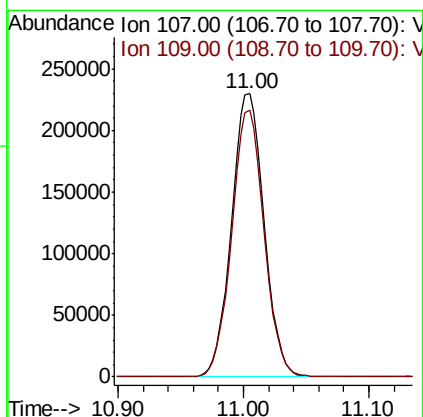
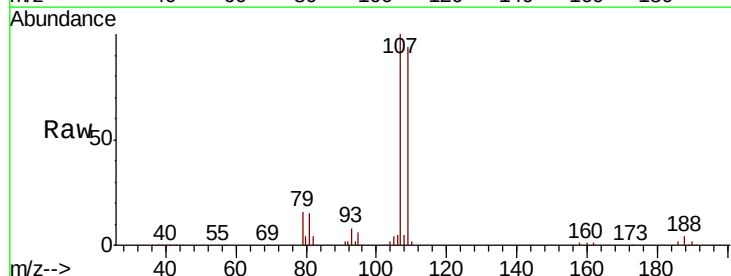
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

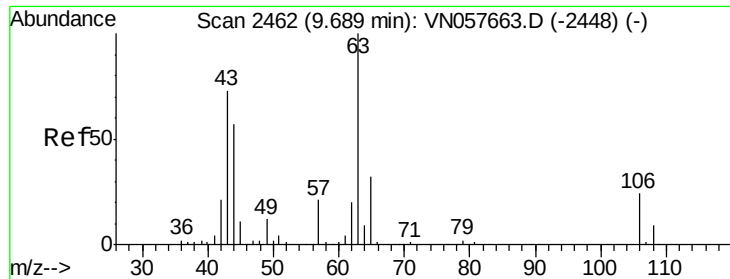
Tgt Ion:129 Resp: 460343
 Ion Ratio Lower Upper
 129 100
 127 76.1 39.1 117.3



#54
 1,2-Dibromoethane
 Concen: 100.824 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion:107 Resp: 413996
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.2 114.4

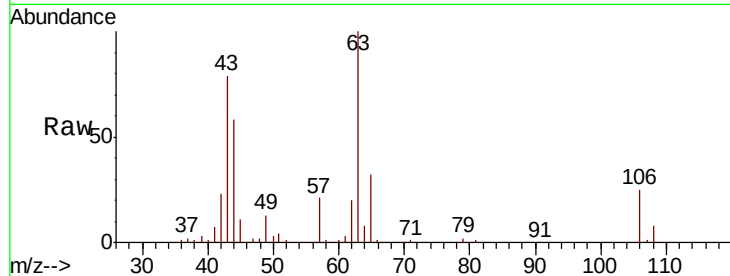




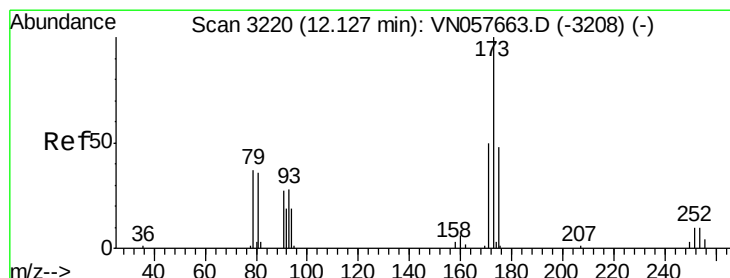
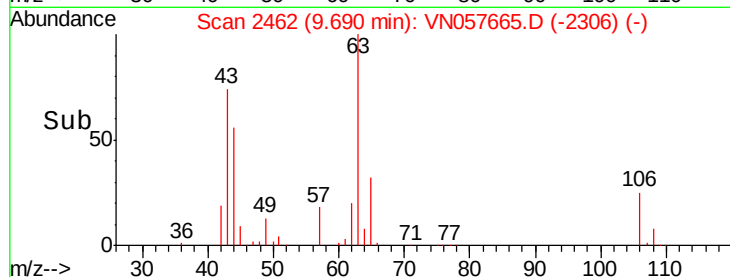
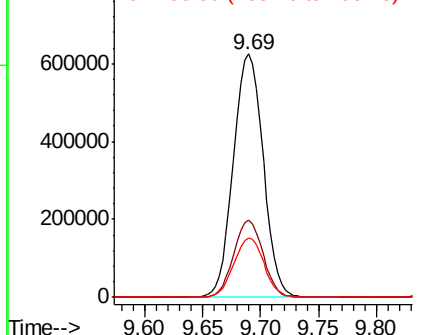
#55
 2-Chloroethyl vinyl ether
 Concen: 800.014 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 63 Resp: 1117149
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.6 38.4
 106 24.7 19.5 29.3

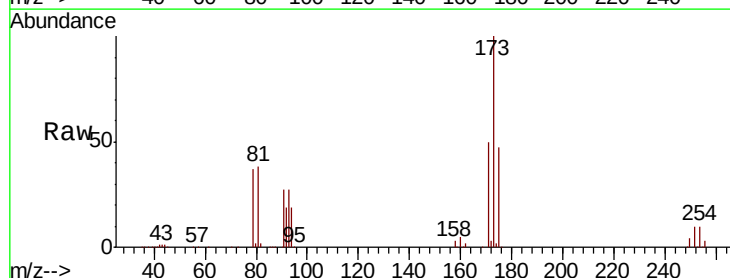


Abundance Ion 63.00 (62.70 to 63.70): VN057663.D (-2448) (-)
 Ion 65.00 (64.70 to 65.70): VN057663.D (-2448) (-)
 Ion 106.00 (105.70 to 106.70): VN057663.D (-2448) (-)

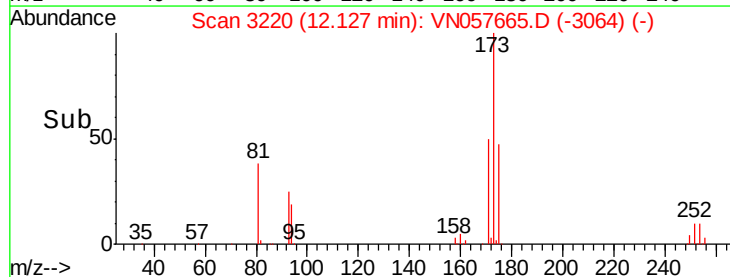
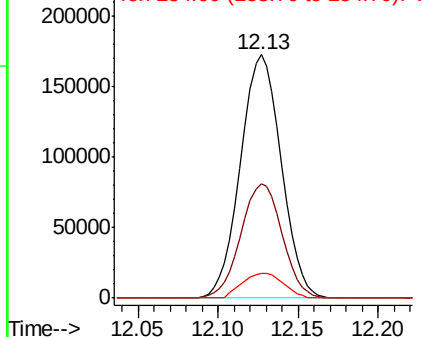


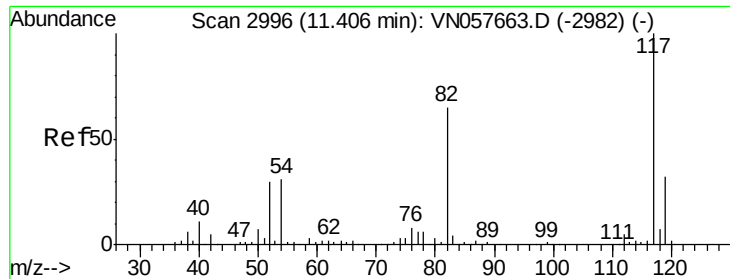
#56
 Bromoform
 Concen: 105.028 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 173 Resp: 300040
 Ion Ratio Lower Upper
 173 100
 175 47.4 38.8 58.2
 254 10.1 7.2 10.8



Abundance Ion 173.00 (172.70 to 173.70): VN057663.D (-3208) (-)
 Ion 175.00 (174.70 to 175.70): VN057663.D (-3208) (-)
 Ion 254.00 (253.70 to 254.70): VN057663.D (-3208) (-)

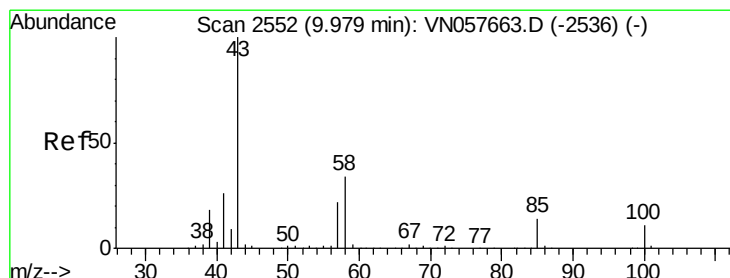
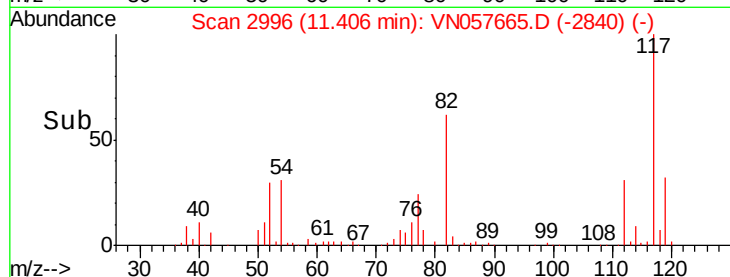
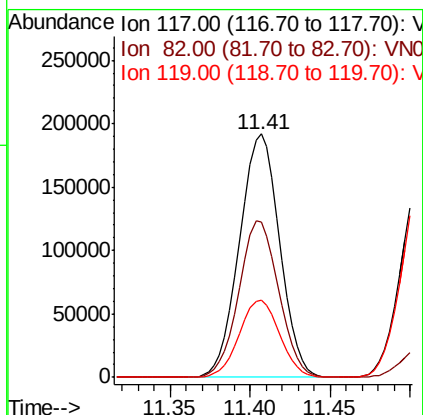
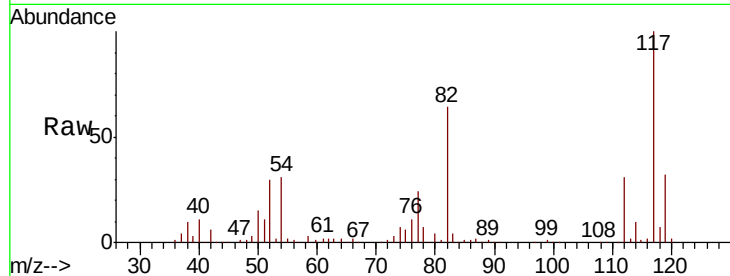




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

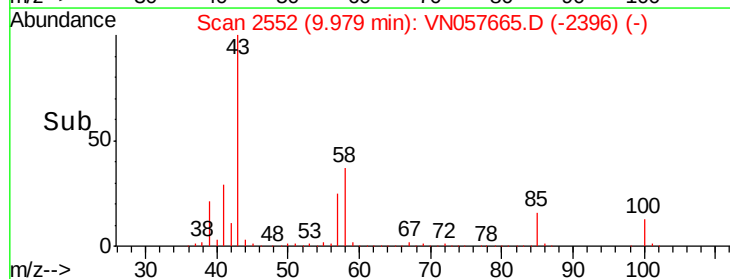
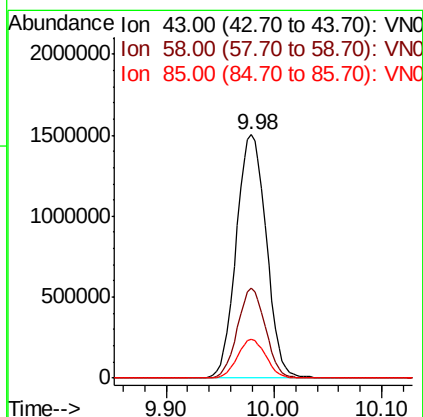
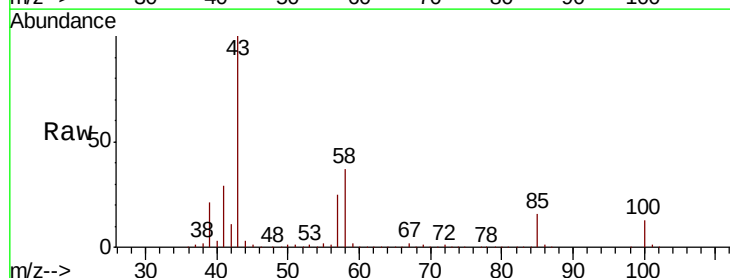
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

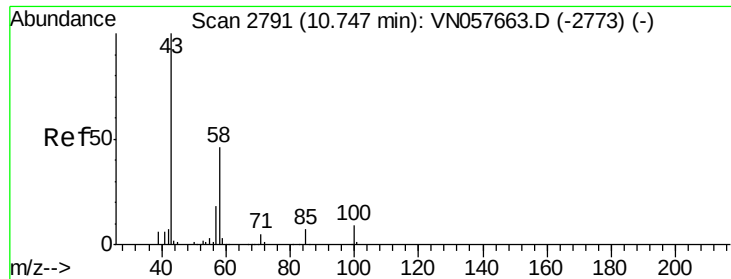
Tgt Ion: 117 Resp: 328036
Ion Ratio Lower Upper
117 100
82 64.2 51.2 76.8
119 32.1 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 775.635 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion: 43 Resp: 2916271
Ion Ratio Lower Upper
43 100
58 34.6 26.7 40.1
85 15.1 11.2 16.8

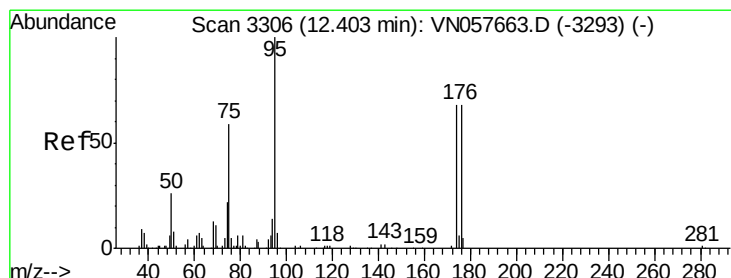
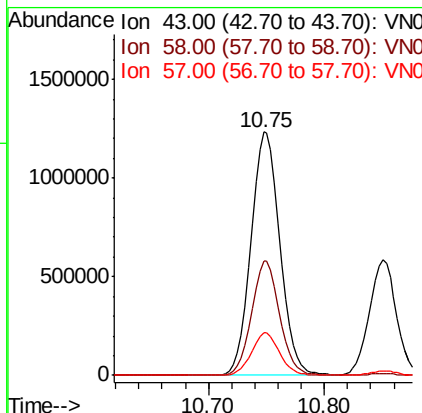
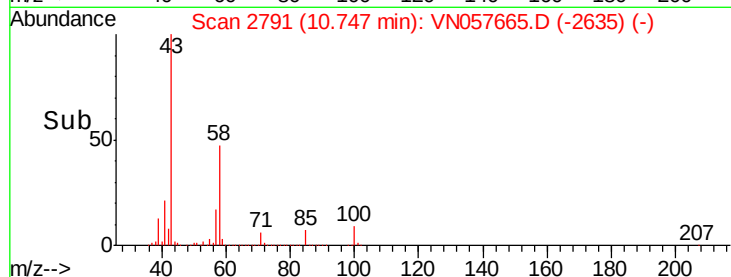
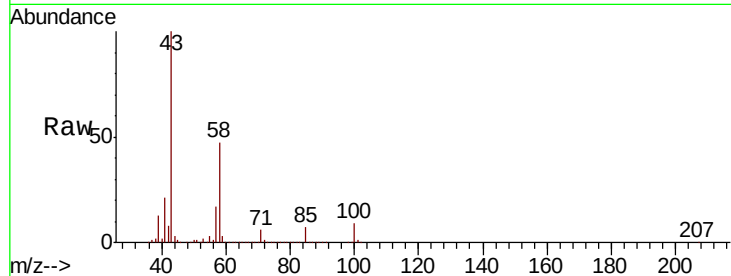




#59
2-Hexanone
Concen: 829.566 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

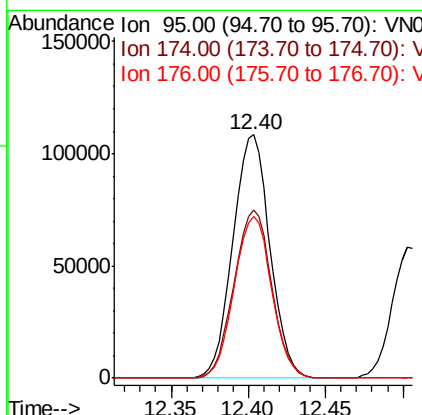
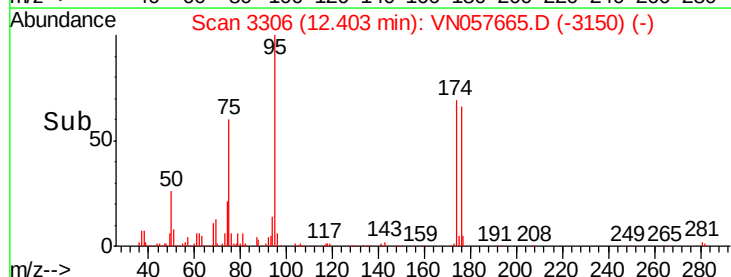
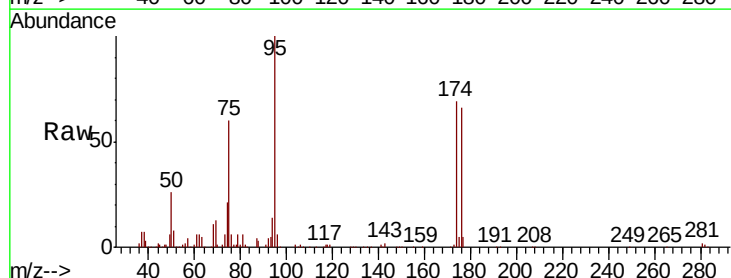
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

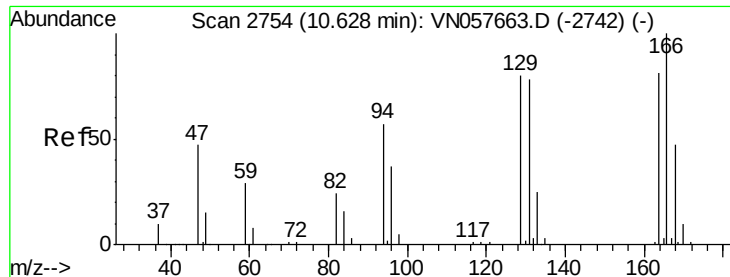
Tgt Ion: 43 Resp: 2155192
Ion Ratio Lower Upper
43 100
58 45.6 36.1 54.1
57 17.0 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 35.624 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion: 95 Resp: 180666
Ion Ratio Lower Upper
95 100
174 70.1 55.0 82.6
176 67.1 53.7 80.5





#61

Tetrachloroethene

Concen: 87.668 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 360487

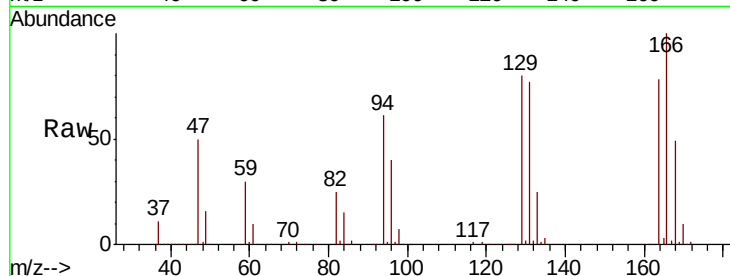
Ion Ratio Lower Upper

164 100

166 128.2 99.4 149.2

129 103.0 78.8 118.2

131 98.2 78.2 117.2

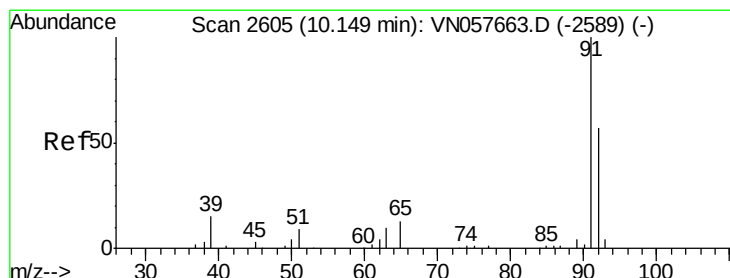
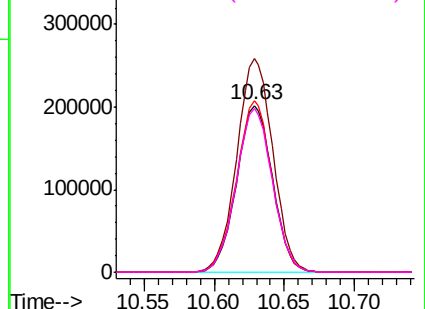
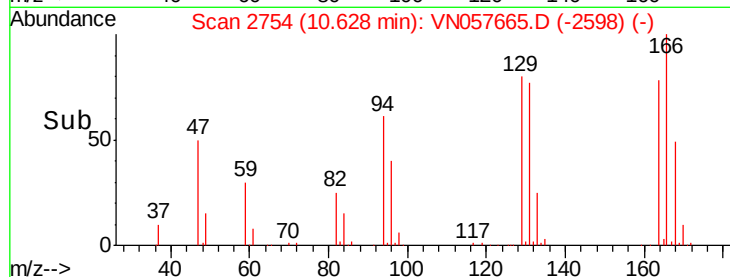


Abundance Ion 163.85 (163.55 to 164.55): V

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: 109.771 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057665.D

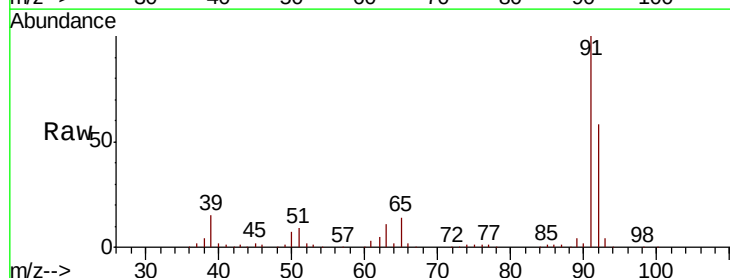
Acq: 3 Sep 2019 15:58

Tgt Ion: 91 Resp: 1834384

Ion Ratio Lower Upper

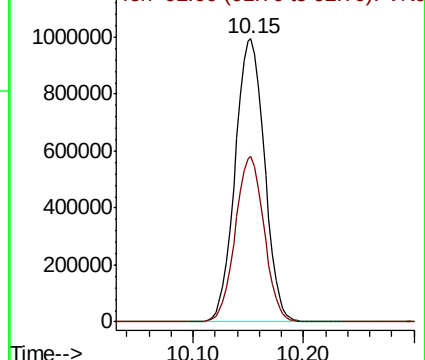
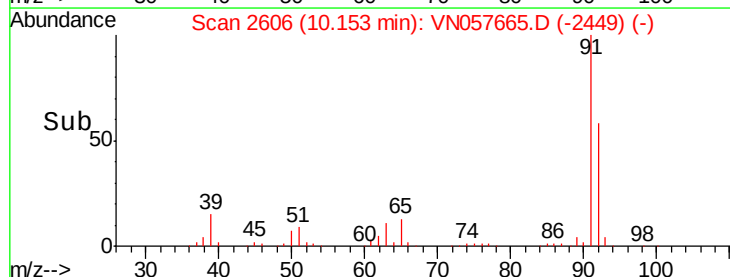
91 100

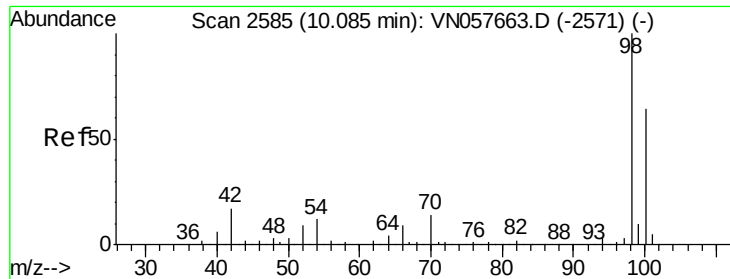
92 57.4 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.659 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

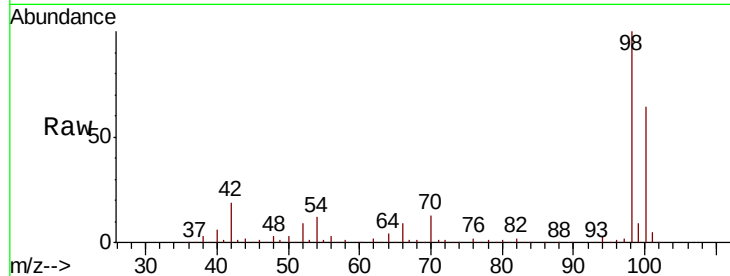
VSTDIC100

Tgt Ion: 98 Resp: 470555

Ion Ratio Lower Upper

98 100

100 64.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN057663.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN057663.D (-2571) (-)

10.08

250000

200000

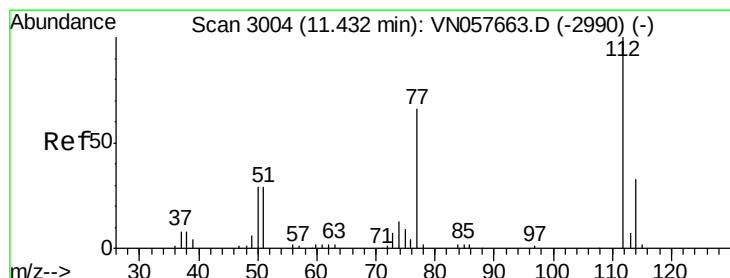
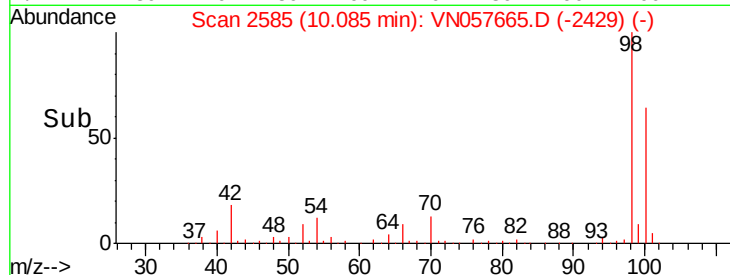
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 104.788 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN057665.D

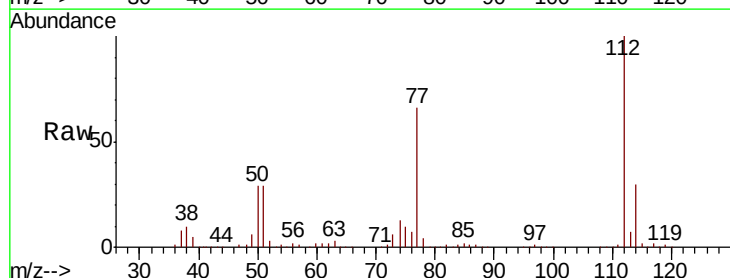
Acq: 3 Sep 2019 15:58

Tgt Ion: 112 Resp: 1108109

Ion Ratio Lower Upper

112 100

114 30.4 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): VN057663.D (-2990) (-)

Ion 114.00 (113.70 to 114.70): VN057663.D (-2990) (-)

11.43

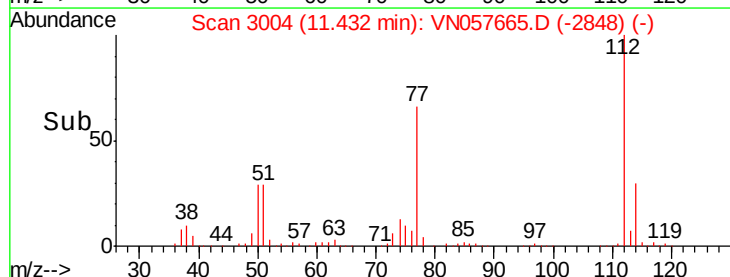
600000

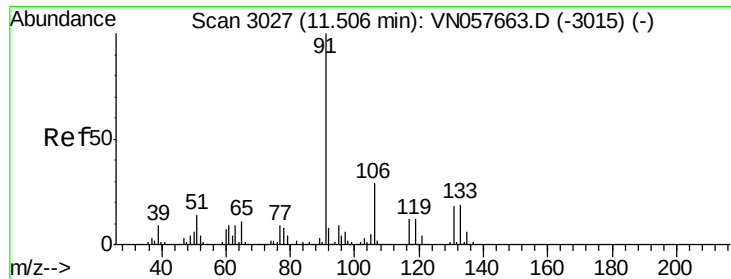
400000

200000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 99.635 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

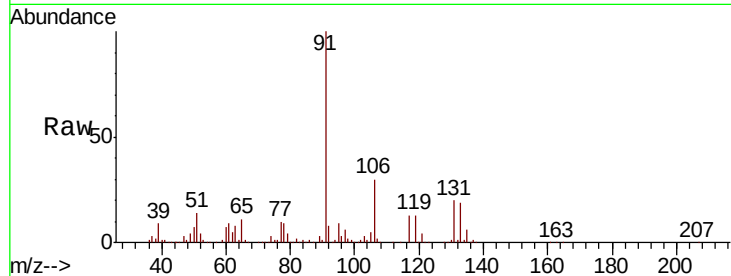
Tgt Ion:131 Resp: 414689

Ion Ratio Lower Upper

131 100

133 95.1 0.0 198.0

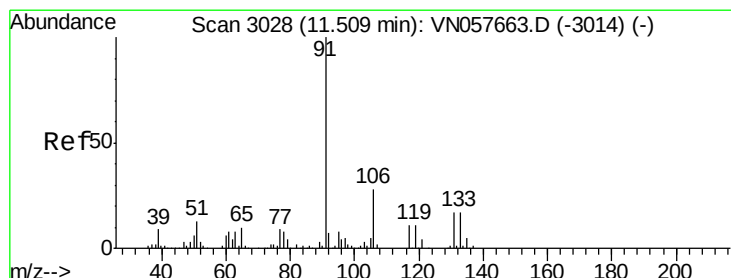
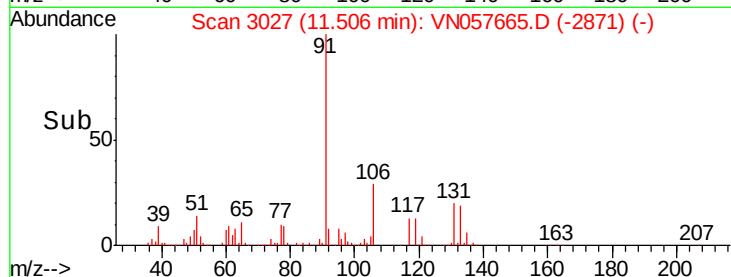
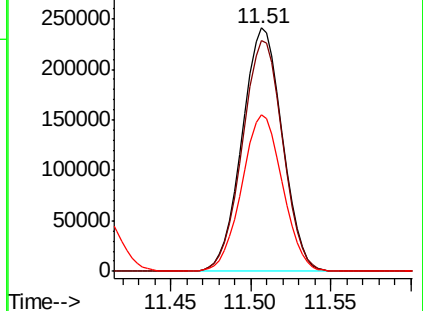
119 64.9 0.0 129.8



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: 116.612 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057665.D

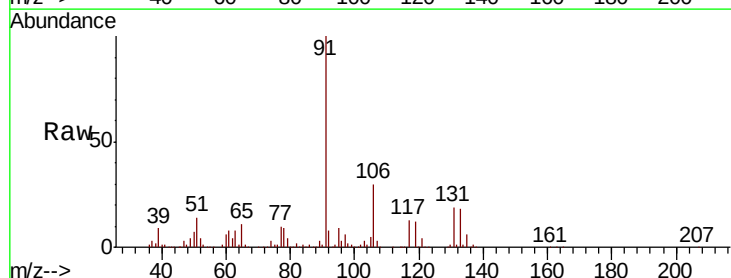
Acq: 3 Sep 2019 15:58

Tgt Ion: 91 Resp: 2106281

Ion Ratio Lower Upper

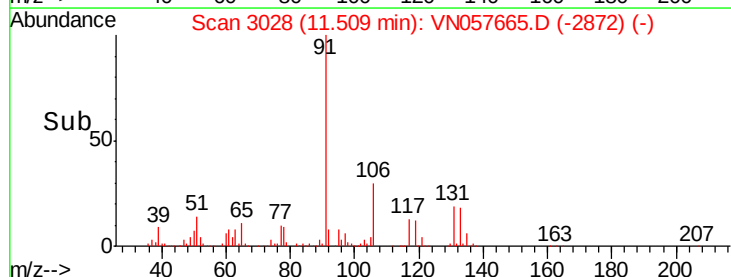
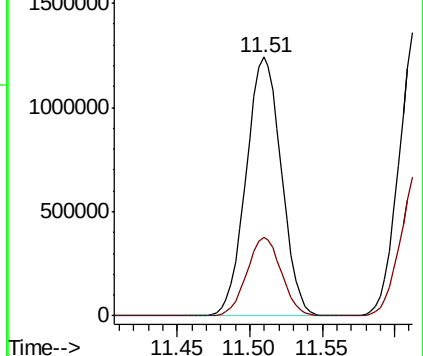
91 100

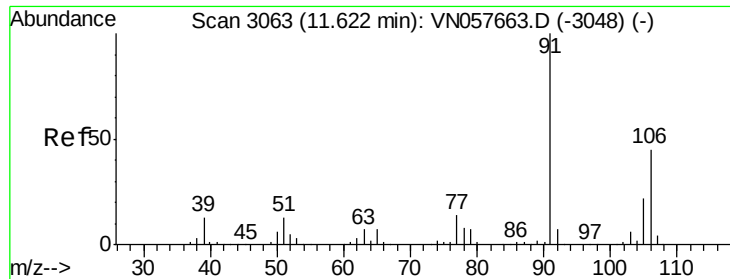
106 30.3 22.7 34.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

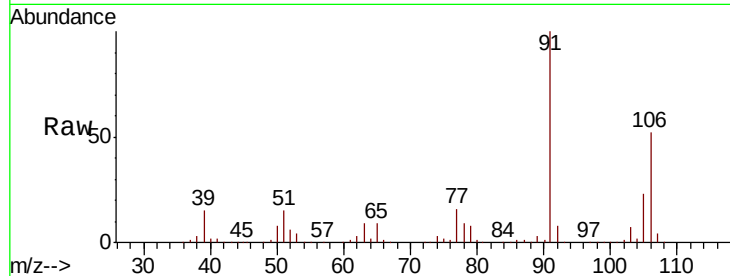




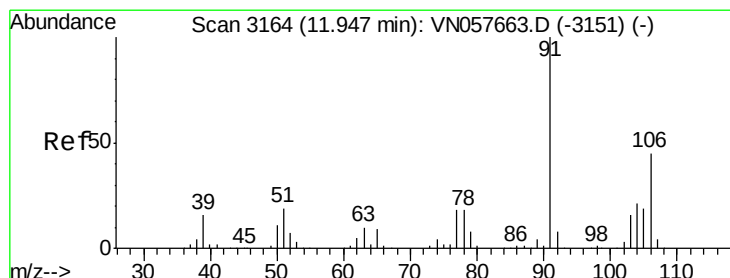
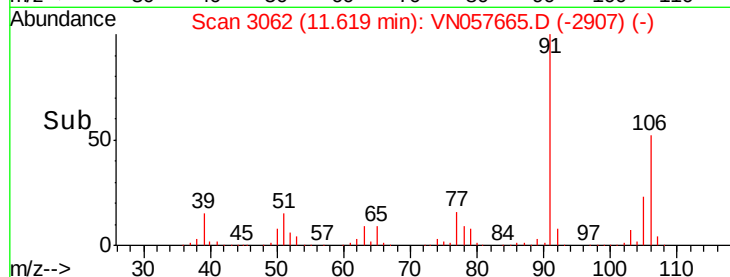
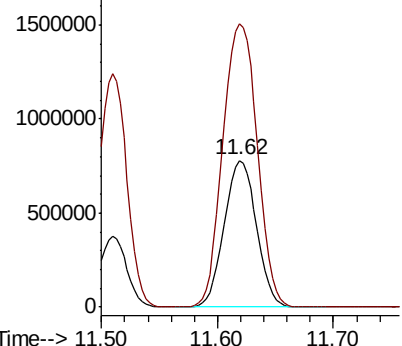
#67
m/p-Xylenes
Concen: 213.196 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 1506906
Ion Ratio Lower Upper
106 100
91 206.3 178.9 268.3

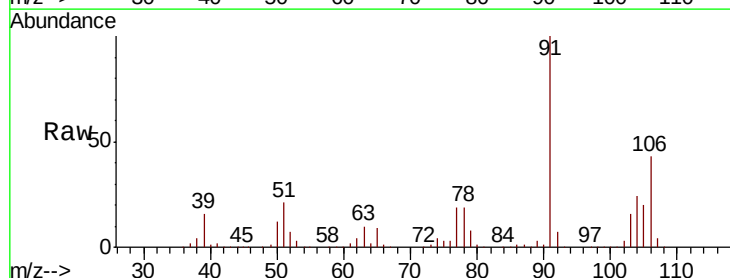


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

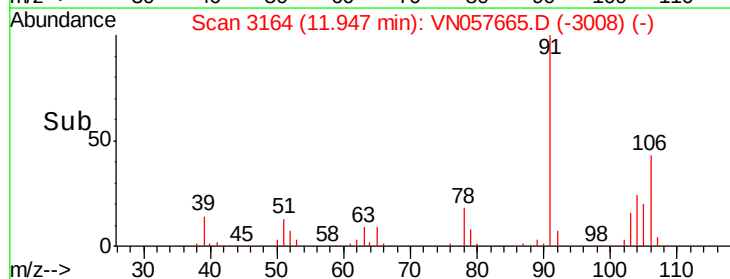
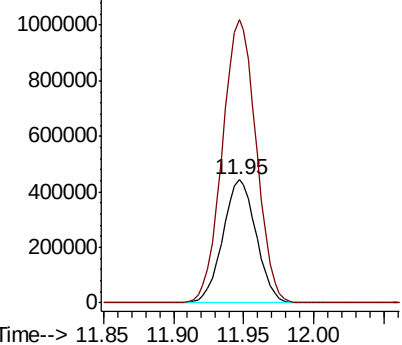


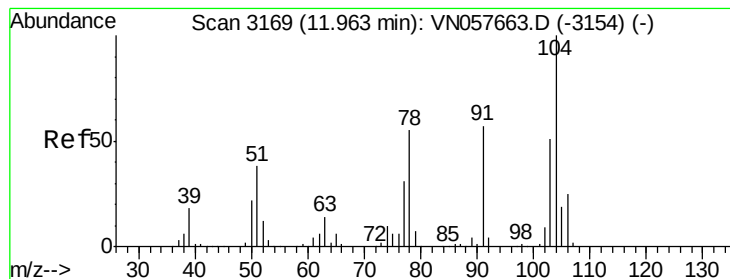
#68
o-Xylene
Concen: 103.295 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion:106 Resp: 734723
Ion Ratio Lower Upper
106 100
91 233.9 114.0 342.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#69

Styrene

Concen: 113.581 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

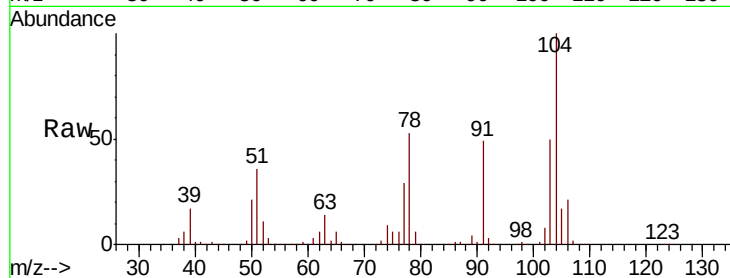
Tgt Ion:104 Resp: 1273017

Ion Ratio Lower Upper

104 100

78 58.9 49.0 73.6

103 54.7 44.9 67.3

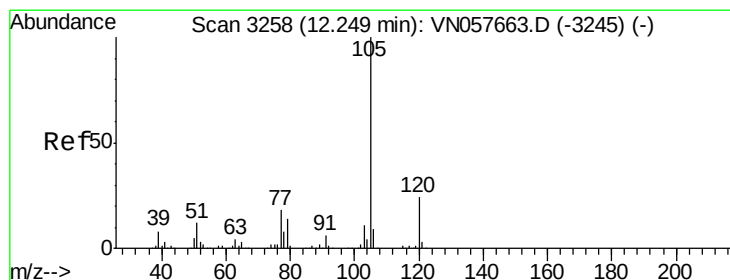
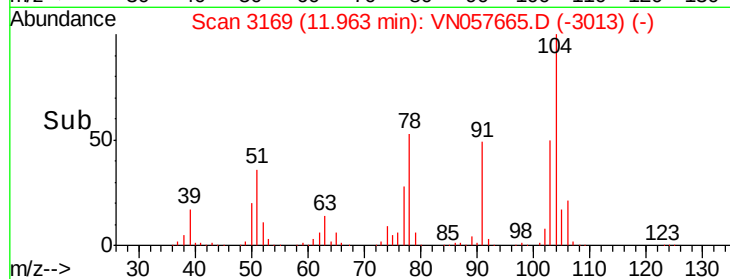
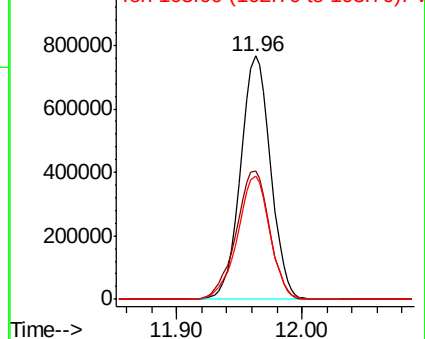


Abundance

Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 114.718 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057665.D

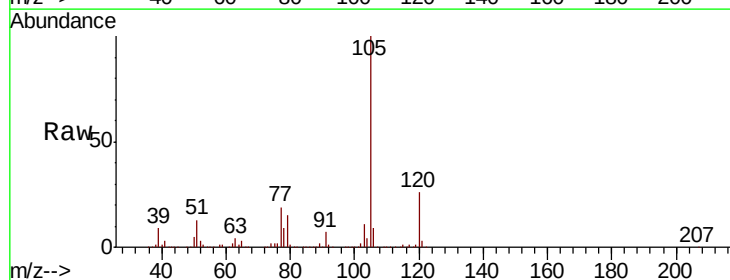
Acq: 3 Sep 2019 15:58

Tgt Ion:105 Resp: 2050508

Ion Ratio Lower Upper

105 100

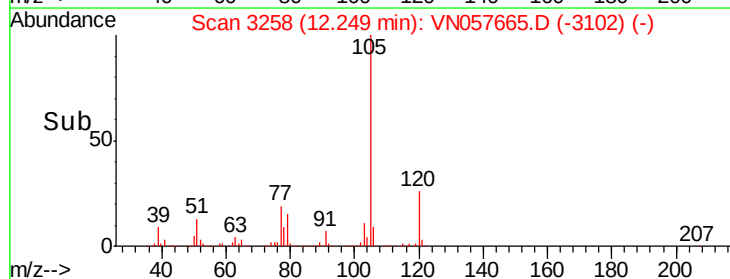
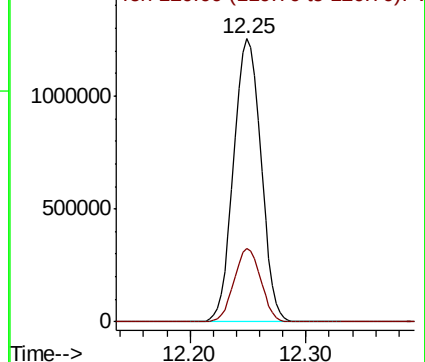
120 25.4 17.2 32.0

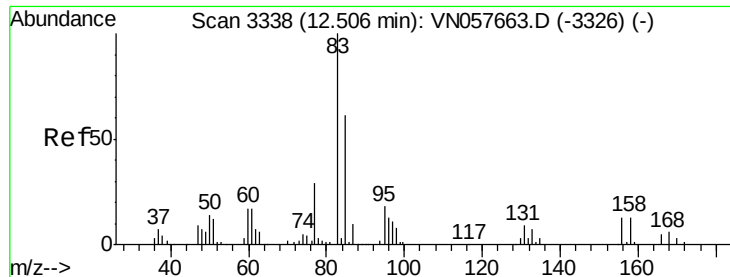


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

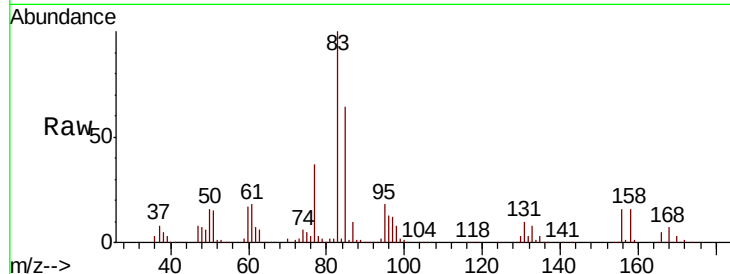




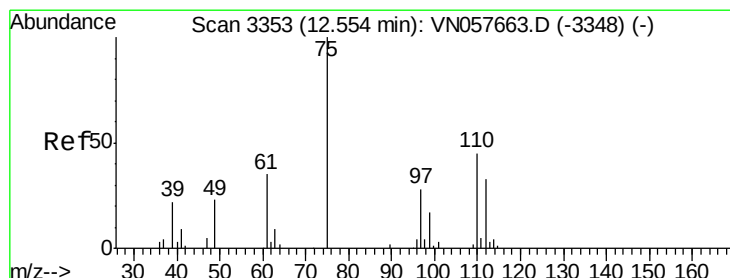
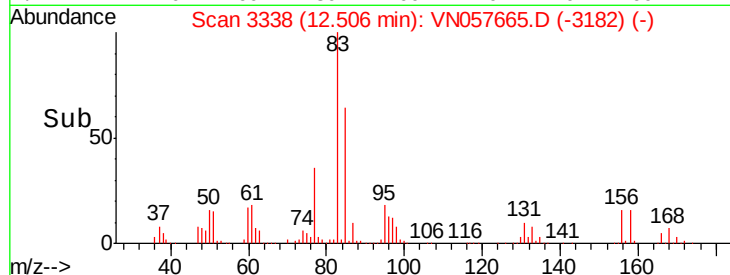
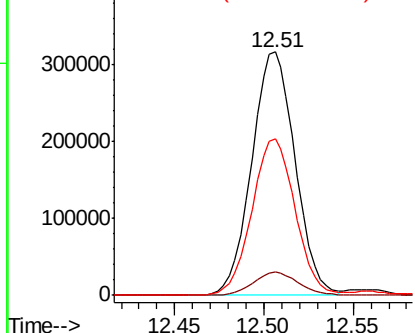
#71
 1,1,2,2-Tetrachloroethane
 Concen: 111.711 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 83 Resp: 539928
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 64.0 31.7 95.1

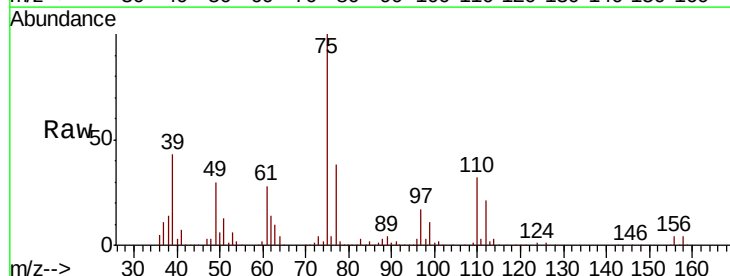


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

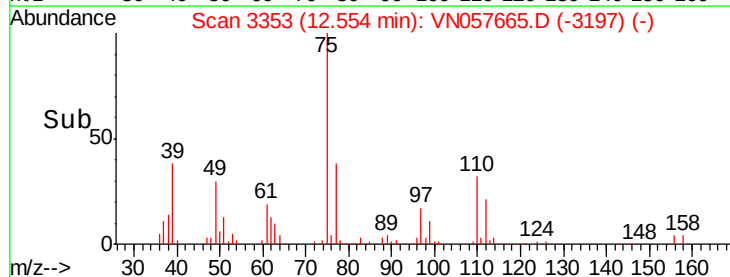
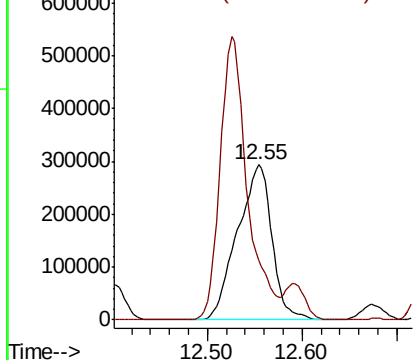


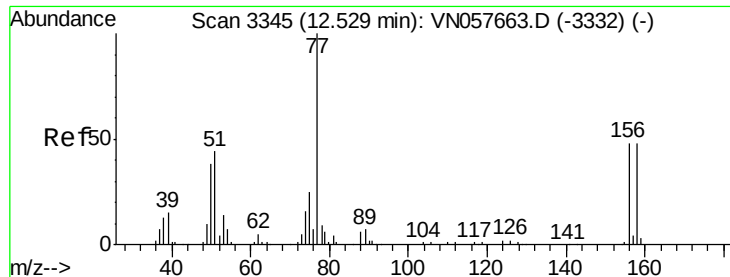
#72
 1,2,3-Trichloropropane
 Concen: 178.678 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 75 Resp: 741560
 Ion Ratio Lower Upper
 75 100
 77 144.9 0.0 405.6



Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0

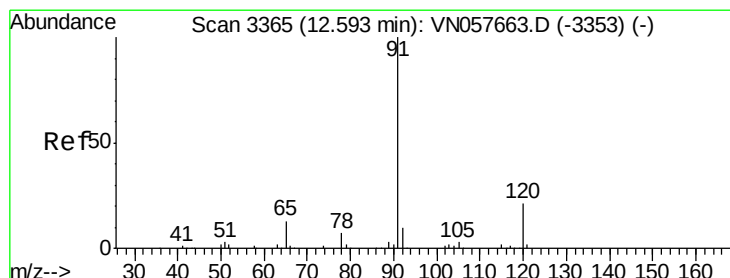
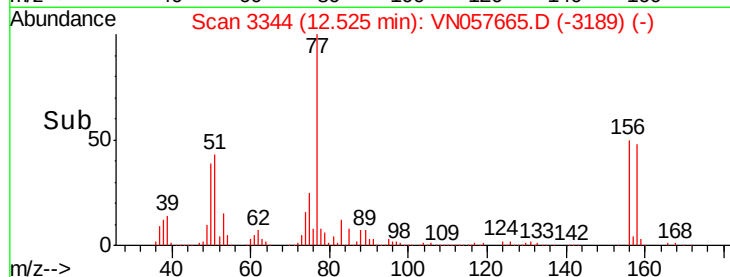
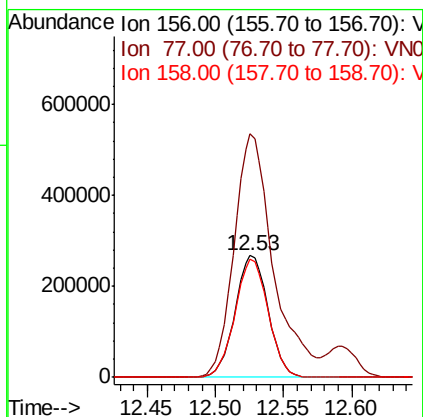
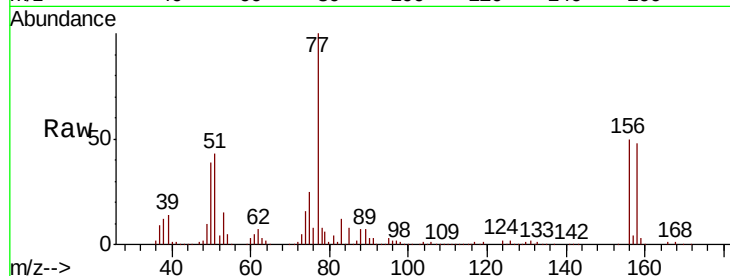




#73
Bromobenzene
Concen: 100.732 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

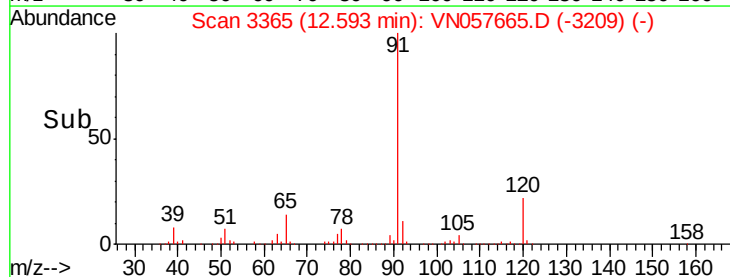
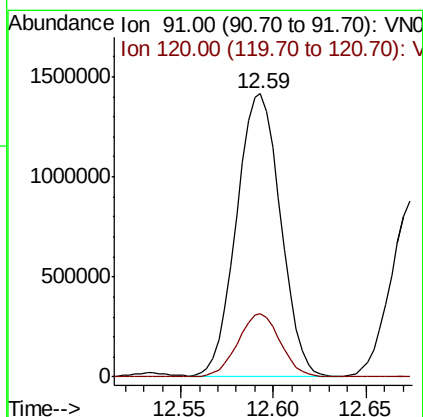
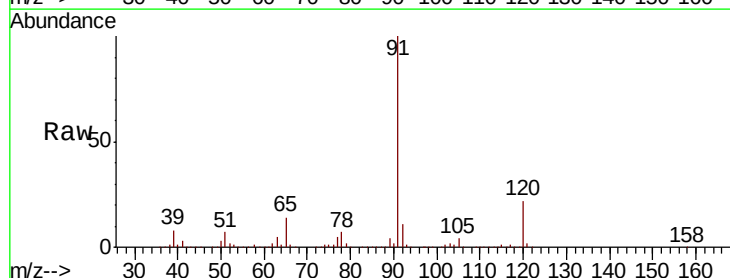
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

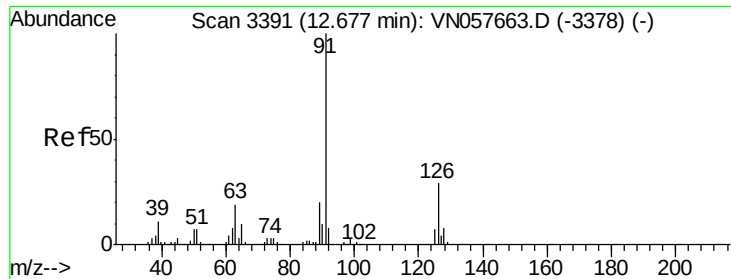
Tgt Ion:156 Resp: 450302
Ion Ratio Lower Upper
156 100
77 238.5 0.0 495.6
158 97.3 0.0 197.8



#74
n-propylbenzene
Concen: 126.230 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion: 91 Resp: 2337732
Ion Ratio Lower Upper
91 100
120 21.3 0.0 40.4





#75

2-Chlorotoluene

Concen: 121.073 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

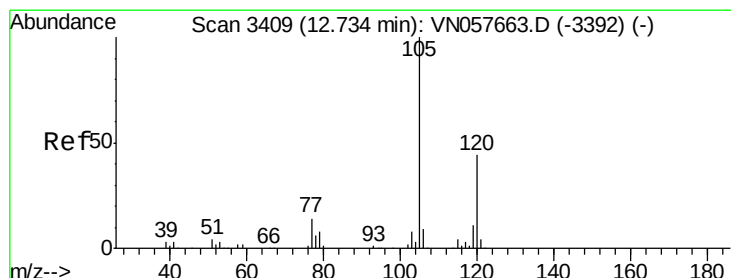
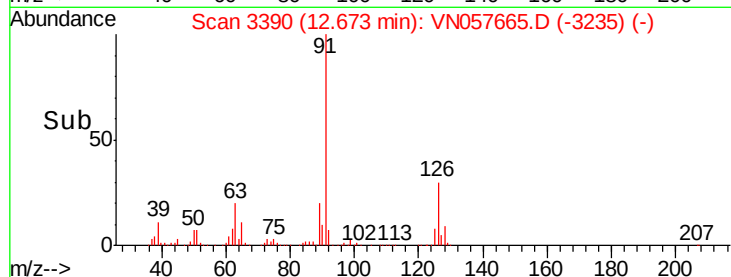
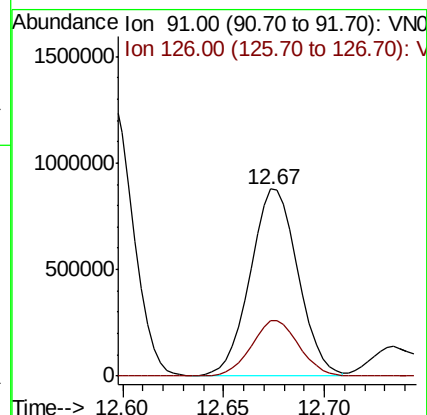
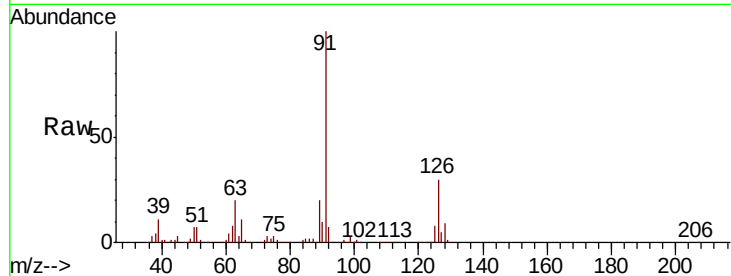
VSTDIC100

Tgt Ion: 91 Resp: 1459943

Ion Ratio Lower Upper

91 100

126 29.7 0.0 59.2



#76

1,3,5-Trimethylbenzene

Concen: 115.514 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057665.D

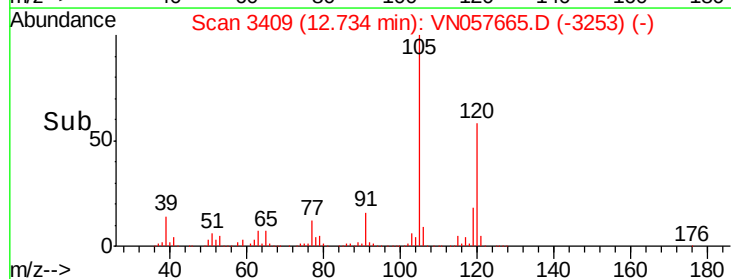
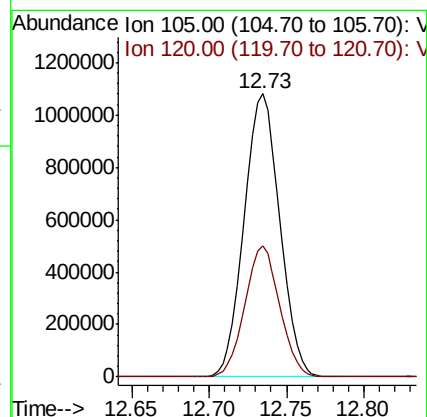
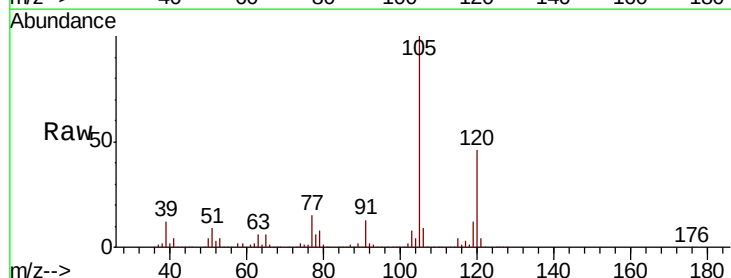
Acq: 3 Sep 2019 15:58

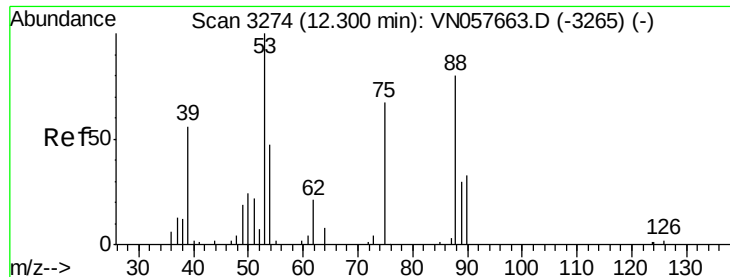
Tgt Ion: 105 Resp: 1732438

Ion Ratio Lower Upper

105 100

120 45.3 0.0 91.0





#77

t-1,4-Dichloro-2-butene

Concen: 136.722 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

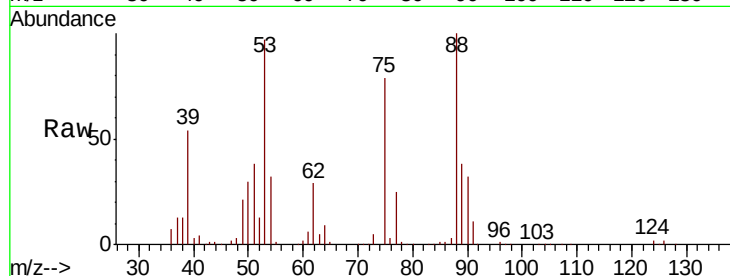
Tgt Ion: 75 Resp: 179973

Ion Ratio Lower Upper

75 100

53 122.5 74.2 222.6

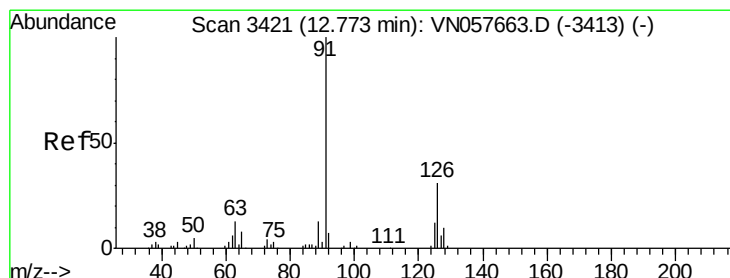
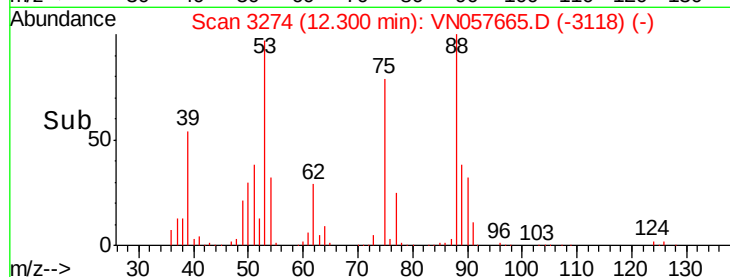
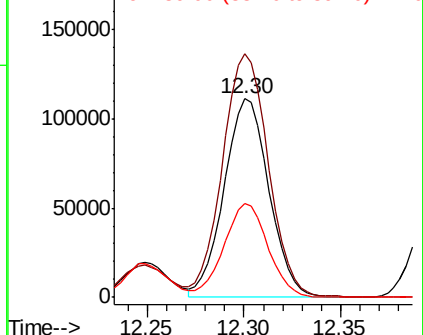
89 47.6 23.3 69.9



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: 125.664 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057665.D

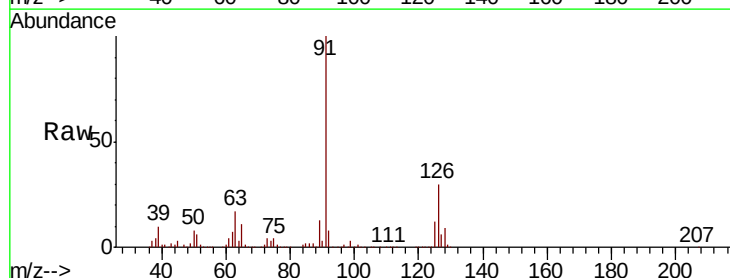
Acq: 3 Sep 2019 15:58

Tgt Ion: 91 Resp: 1435192

Ion Ratio Lower Upper

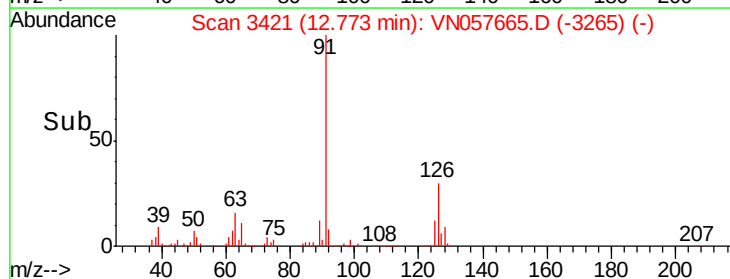
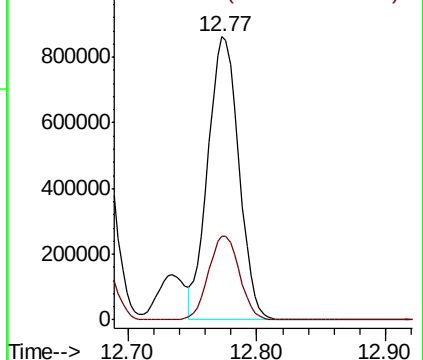
91 100

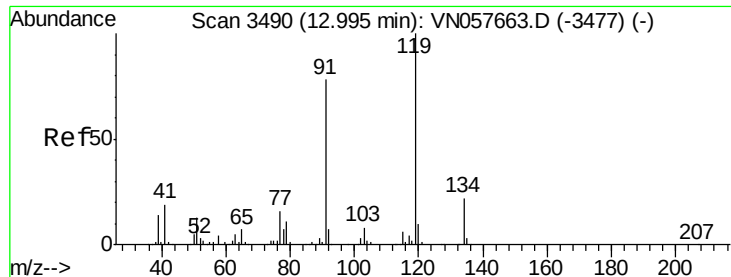
126 29.7 0.0 57.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

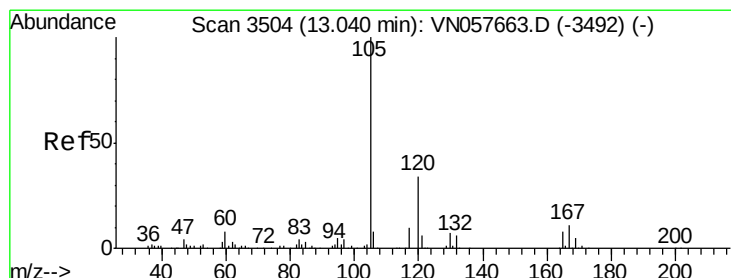
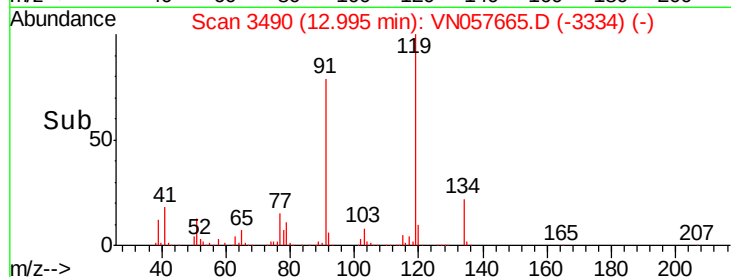
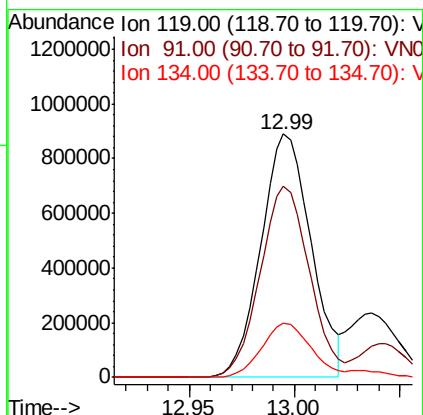
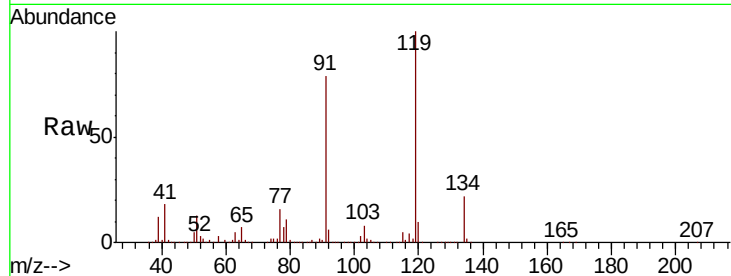




#79
tert-butylbenzene
Concen: 107.990 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

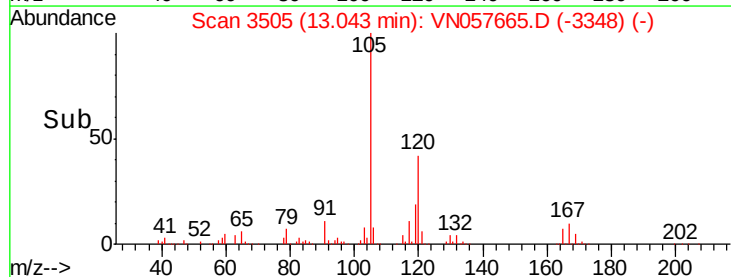
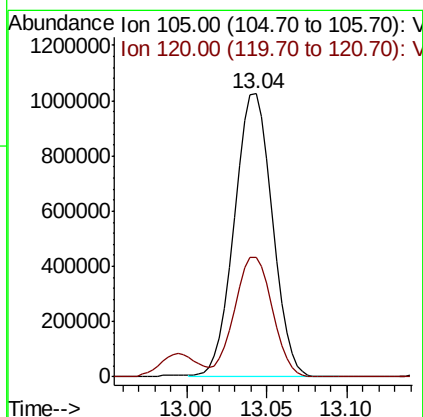
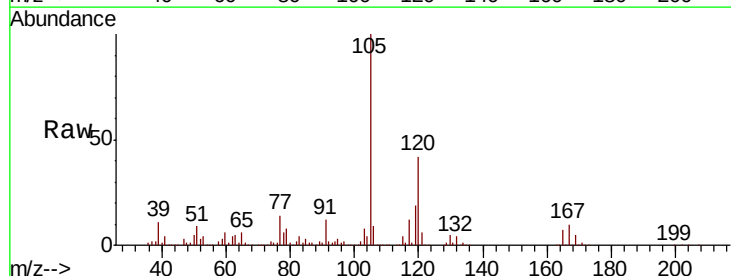
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

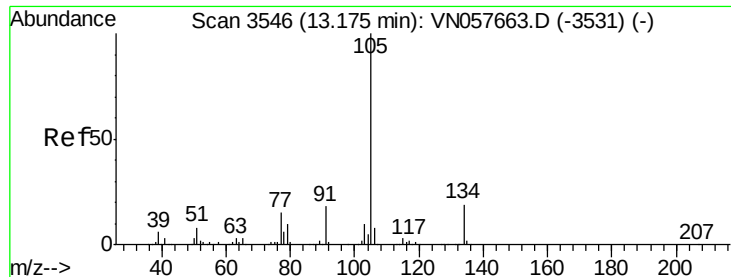
Tgt Ion:119 Resp: 1471758
Ion Ratio Lower Upper
119 100
91 77.3 0.0 155.6
134 22.0 0.0 48.2



#80
1,2,4-Trimethylbenzene
Concen: 117.761 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion:105 Resp: 1654215
Ion Ratio Lower Upper
105 100
120 42.4 0.0 83.4





#81

sec-Butylbenzene

Concen: 117.578 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

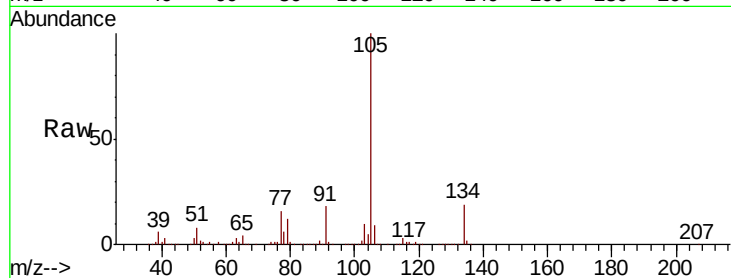
VSTDIC100

Tgt Ion:105 Resp: 1948975

Ion Ratio Lower Upper

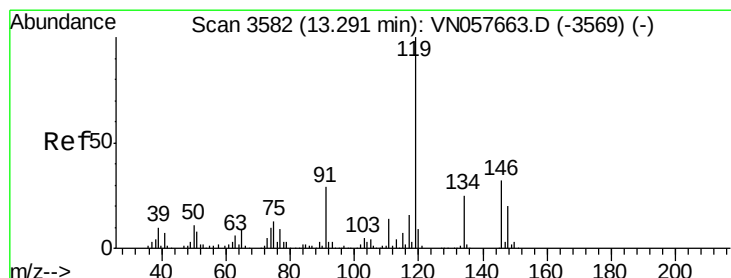
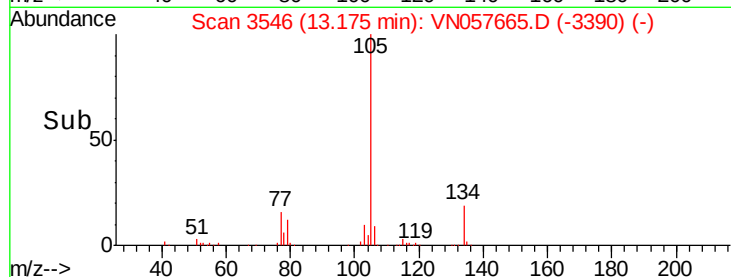
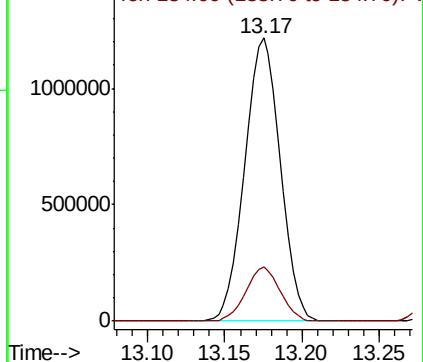
105 100

134 18.5 0.0 36.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 115.295 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

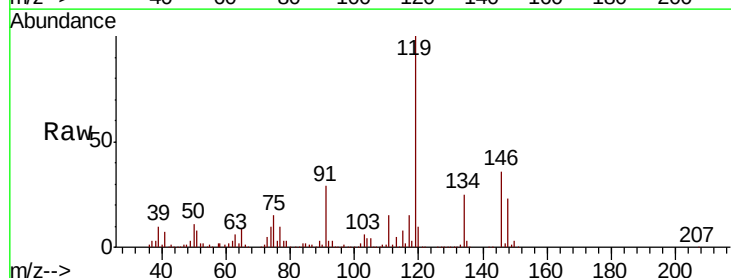
Tgt Ion:119 Resp: 1679542

Ion Ratio Lower Upper

119 100

134 25.0 0.0 49.6

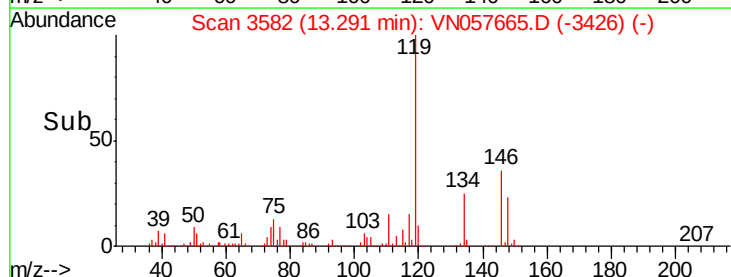
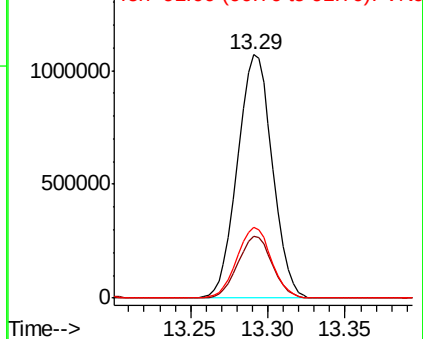
91 28.7 0.0 56.2

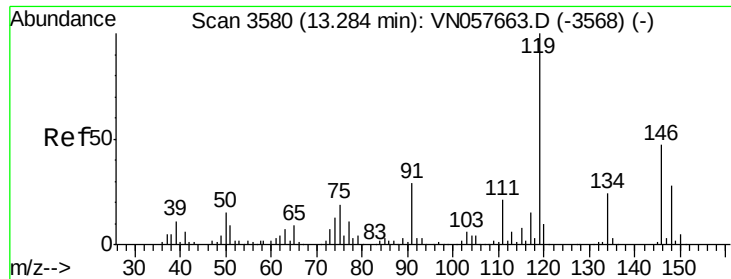


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VNO

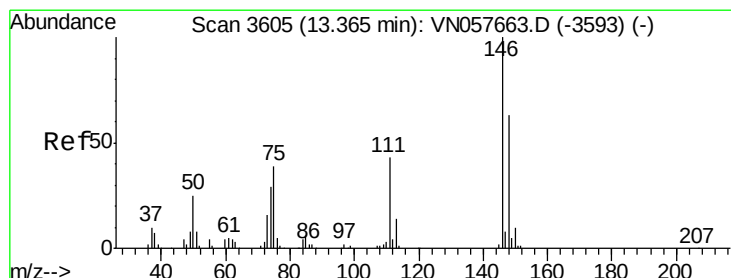
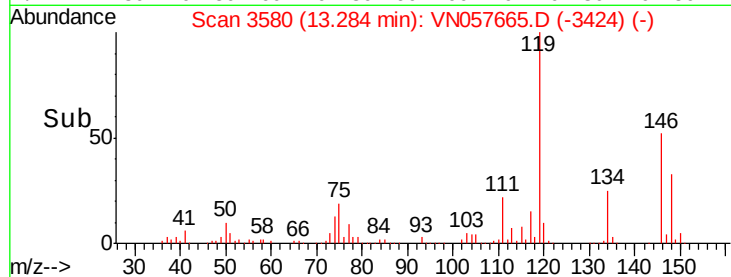
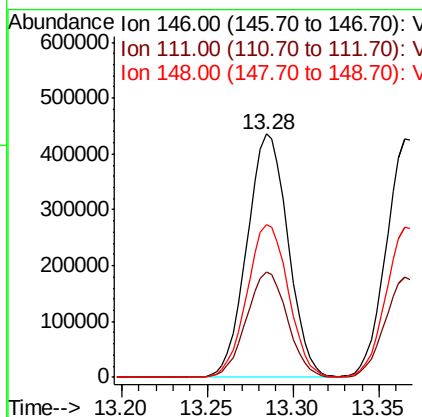
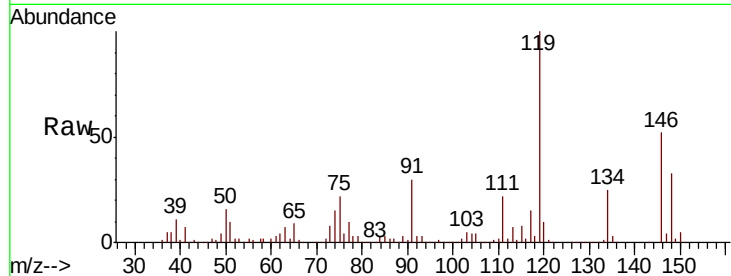




#83
 1,3-Dichlorobenzene
 Concen: 101.071 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

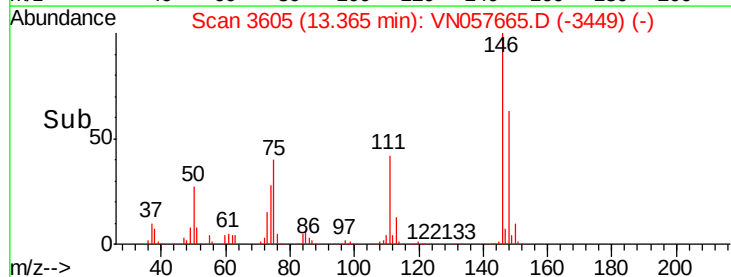
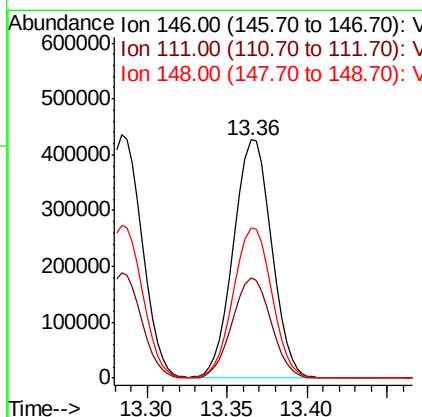
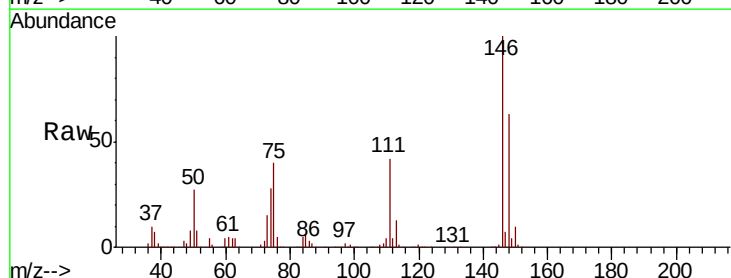
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

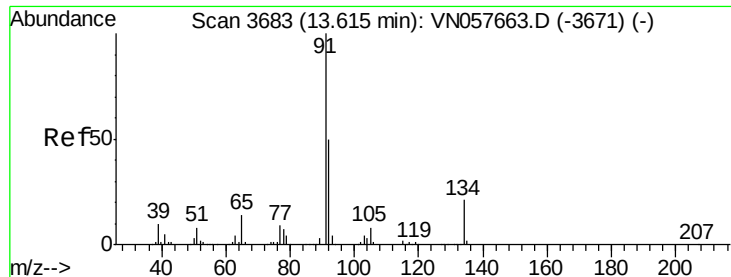
Tgt Ion:146 Resp: 721987
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.1 66.3
 148 63.3 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 101.895 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion:146 Resp: 695440
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.9
 148 63.6 31.0 93.0





#85

n-Butylbenzene

Concen: 126.648 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057665.D

Acq: 3 Sep 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

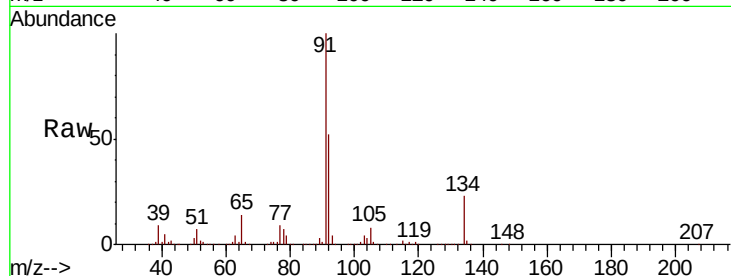
Tgt Ion: 91 Resp: 1496108

Ion Ratio Lower Upper

91 100

92 51.3 0.0 100.2

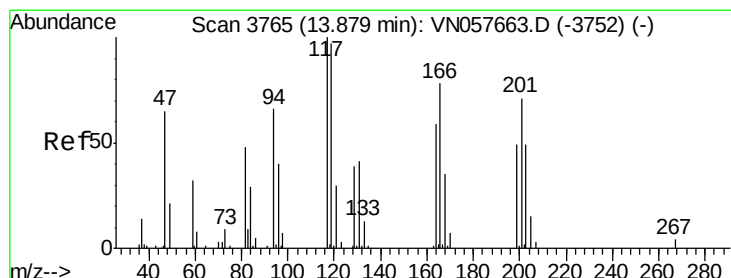
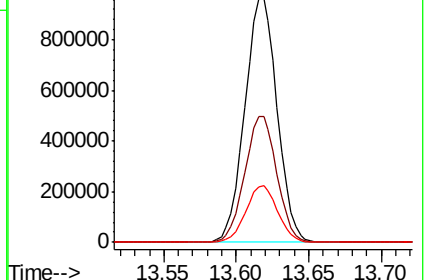
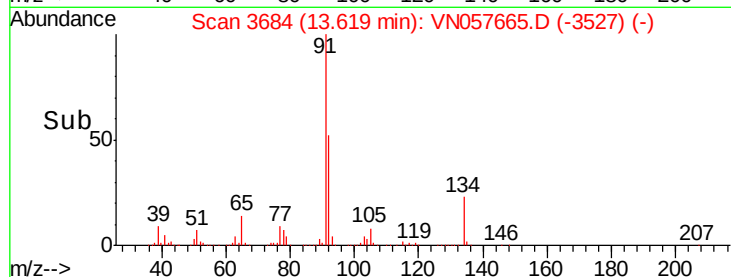
134 22.8 0.0 43.8



Abundance Ion 91.00 (90.70 to 91.70): VN057665.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN057665.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN057665.D (-3671) (-)



#86

Hexachloroethane

Concen: 111.513 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057665.D

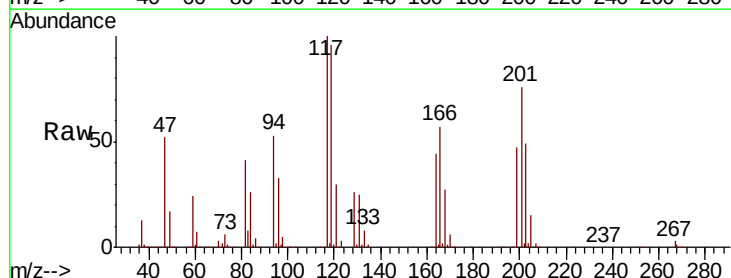
Acq: 3 Sep 2019 15:58

Tgt Ion: 117 Resp: 315177

Ion Ratio Lower Upper

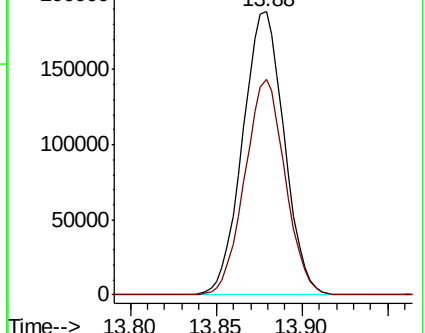
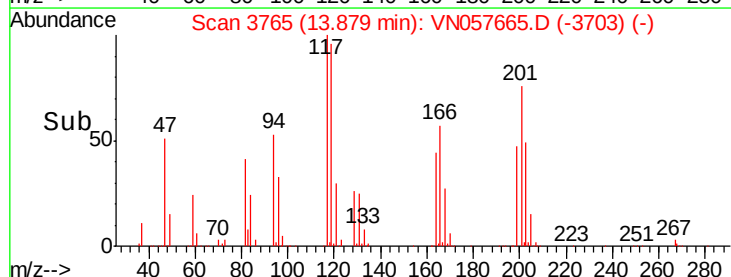
117 100

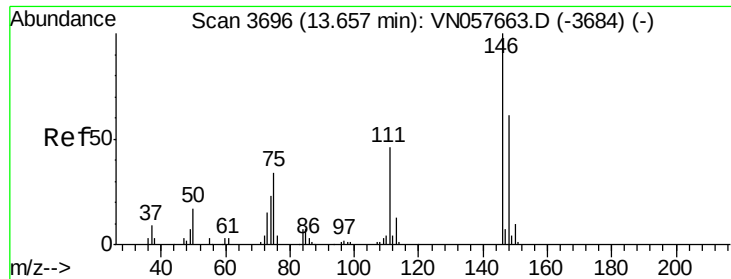
201 74.3 34.1 102.2



Abundance Ion 117.00 (116.70 to 117.70): VN057665.D (-3752) (-)

Ion 201.00 (200.70 to 201.70): VN057665.D (-3752) (-)

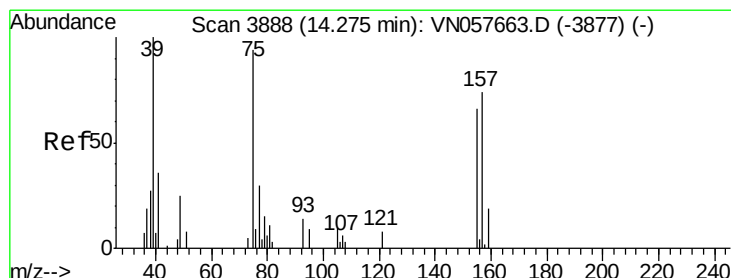
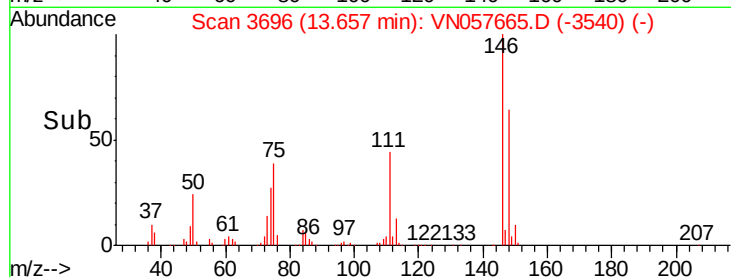
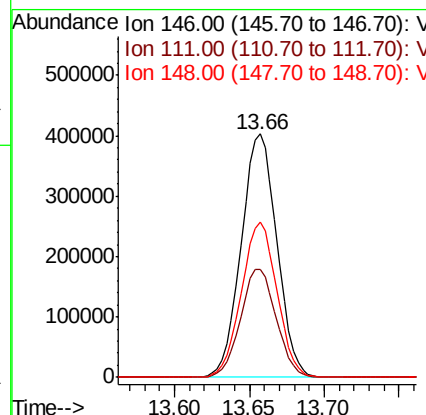
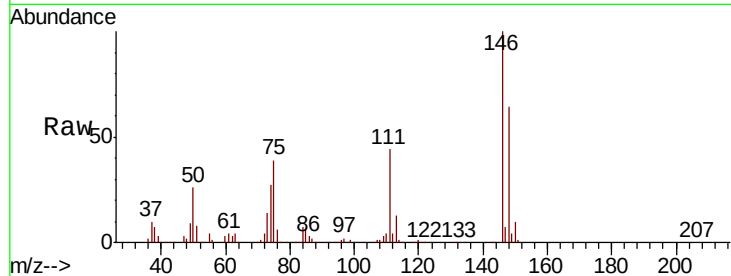




#87
 1,2-Dichlorobenzene
 Concen: 98.660 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

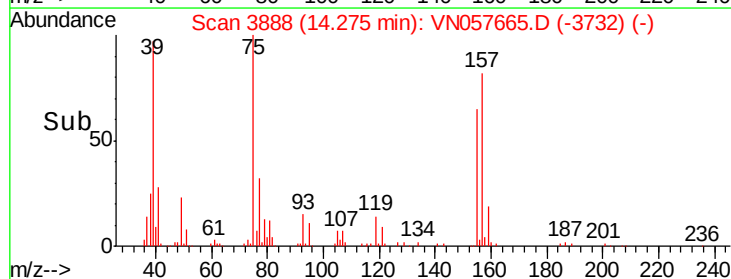
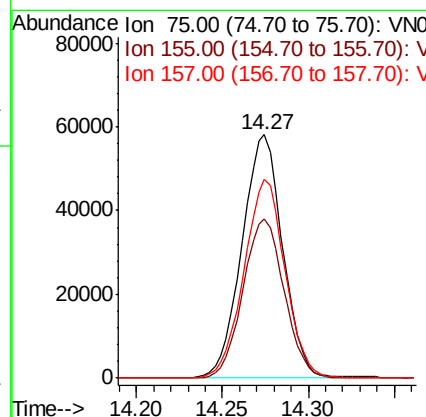
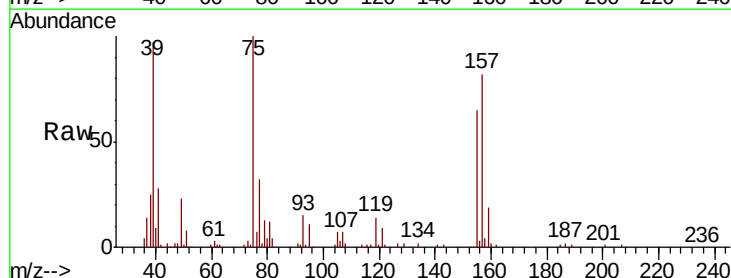
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

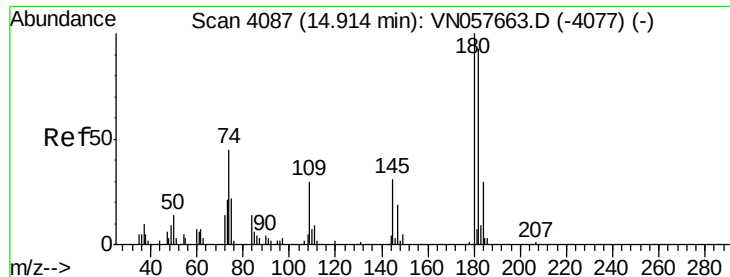
Tgt Ion:146 Resp: 669319
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.6 67.7
 148 63.5 31.3 93.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 137.875 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion: 75 Resp: 95456
 Ion Ratio Lower Upper
 75 100
 155 66.0 54.6 82.0
 157 82.3 65.5 98.3

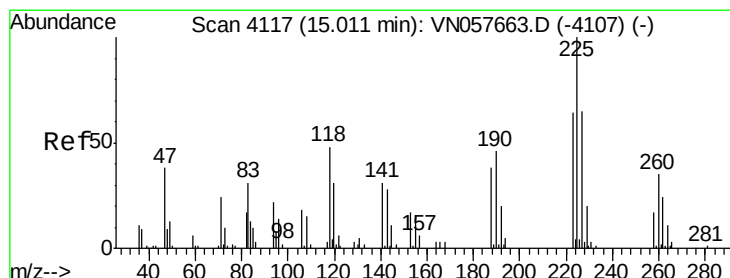
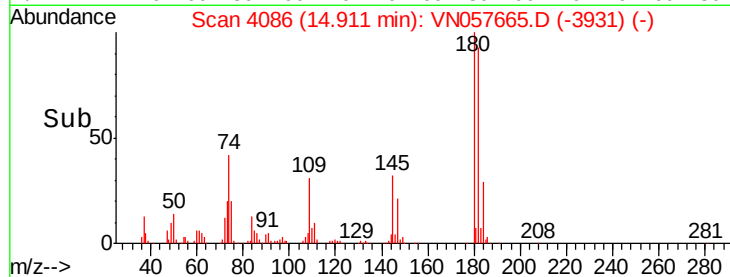
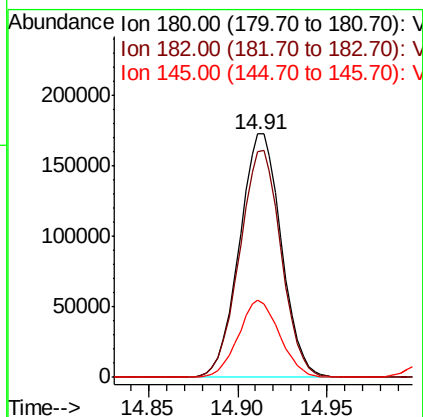
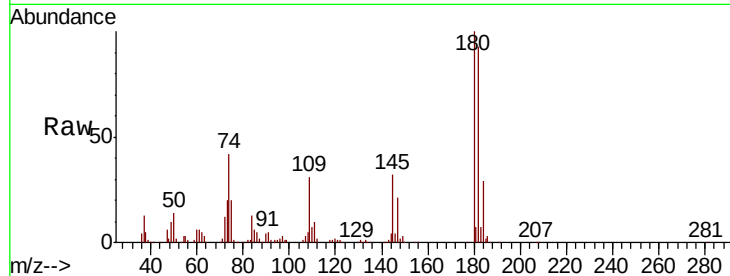




#89
 1,2,4-Trichlorobenzene
 Concen: 114.189 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

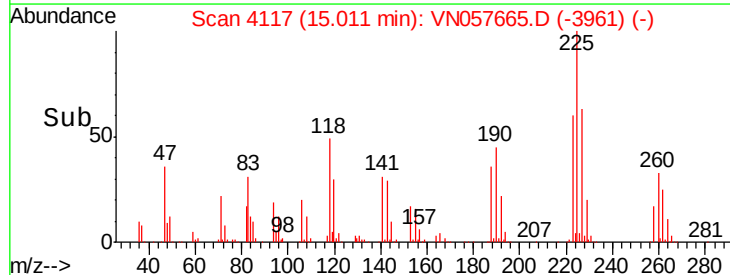
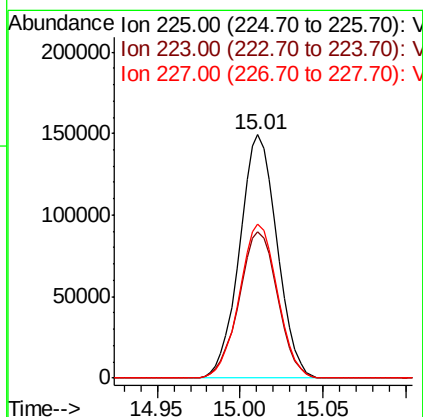
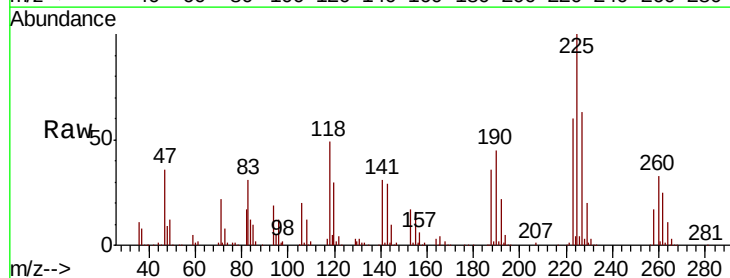
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

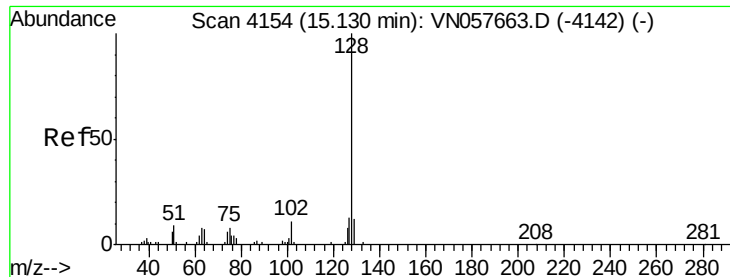
Tgt Ion:180 Resp: 282994
 Ion Ratio Lower Upper
 180 100
 182 92.8 77.4 116.2
 145 31.2 25.1 37.7



#90
 Hexachlorobutadiene
 Concen: 104.240 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057665.D
 Acq: 3 Sep 2019 15:58

Tgt Ion:225 Resp: 234968
 Ion Ratio Lower Upper
 225 100
 223 61.9 0.0 131.0
 227 64.1 0.0 128.6

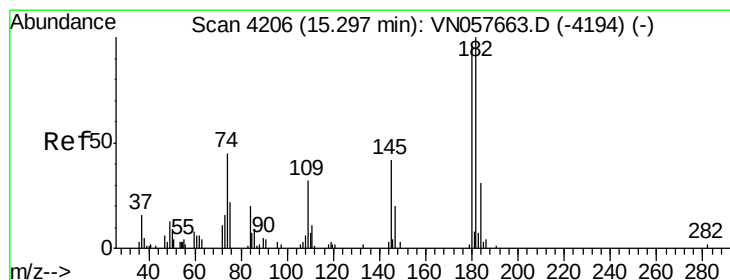
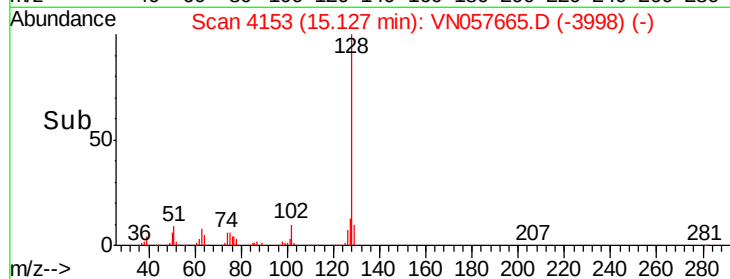
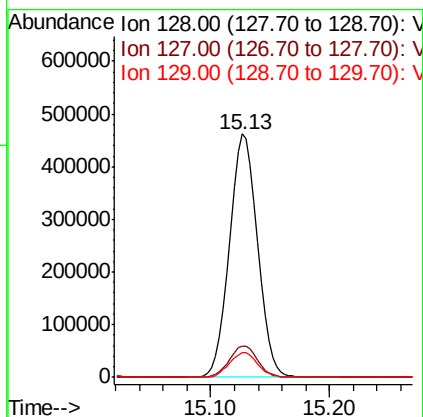
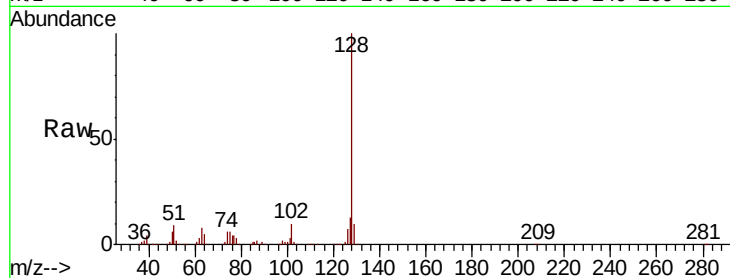




#91
Naphthalene
Concen: 111.726 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 754926
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.2 9.1 13.7



#92
1,2,3-Trichlorobenzene
Concen: 111.393 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057665.D
Acq: 3 Sep 2019 15:58

Tgt Ion:180 Resp: 272582
Ion Ratio Lower Upper
180 100
182 97.5 0.0 199.4
145 33.6 0.0 73.2

