

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
 Data File : VN058404.D
 Acq On : 27 Sep 2019 13:01
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 27 23:07:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 27 23:01:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	450946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	755642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	680492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	328002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	940537	148.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.46%	
35) Dibromofluoromethane	7.57	113	691356	150.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.70%	
50) Toluene-d8	10.08	98	2612762	146.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.42%	
62) 4-Bromofluorobenzene	12.41	95	992909	150.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	673273	169.417	ug/l	99
3) Chloromethane	2.04	50	703145	181.776	ug/l	100
4) Vinyl Chloride	2.17	62	707274	178.827	ug/l	100
5) Bromomethane	2.53	94	388895	192.581	ug/l	100
6) Chloroethane	2.67	64	403187	157.342	ug/l	99
7) Trichlorofluoromethane	2.99	101	838493	155.417	ug/l	97
8) Diethyl Ether	3.39	74	371167	153.136	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	570177	148.788	ug/l	99
10) Methyl Iodide	3.93	142	730439	209.277	ug/l	99
11) Tert butyl alcohol	4.76	59	506600	679.324	ug/l	98
12) 1,1-Dichloroethene	3.72	96	564282	167.723	ug/l	99
13) Acrolein	3.58	56	169031	1292.006	ug/l	97
14) Allyl chloride	4.30	41	1068771	168.224	ug/l	98
15) Acrylonitrile	4.96	53	1454889	718.327	ug/l	100
16) Acetone	3.80	43	1389638	636.015	ug/l	99
17) Carbon Disulfide	4.03	76	1641712	270.246	ug/l	99
18) Methyl Acetate	4.30	43	709075	125.540	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	2006455	142.466	ug/l	100
20) Methylene Chloride	4.53	84	650773	148.728	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	631705	173.113	ug/l	99
22) Diisopropyl ether	5.93	45	2245877	144.930	ug/l	99
23) Vinyl Acetate	5.87	43	8020974	736.162	ug/l #	90
24) 1,1-Dichloroethane	5.83	63	1251241	148.817	ug/l	99
25) 2-Butanone	6.81	43	2042027	691.631	ug/l	99
26) 2,2-Dichloropropane	6.81	77	1040883	146.361	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	729323	152.475	ug/l	99
28) Bromochloromethane	7.18	49	560330	146.801	ug/l	100
29) Tetrahydrofuran	7.19	42	1307498	711.540	ug/l	100
30) Chloroform	7.36	83	1251099	139.984	ug/l	99
31) Cyclohexane	7.64	56	1145926	169.906	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	1079090	156.578	ug/l	99
36) 1,1-Dichloropropene	7.78	75	972735	166.585	ug/l	100
37) Ethyl Acetate	6.91	43	849709	146.750	ug/l	99
38) Carbon Tetrachloride	7.76	117	926142	161.483	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1131301	179.342	ug/l	99
40) Benzene	8.03	78	2718596	155.222	ug/l	99
41) Methacrylonitrile	7.19	41	1248666	456.493	ug/l #	16
42) 1,2-Dichloroethane	8.11	62	1062659	147.343	ug/l	100
43) Isopropyl Acetate	8.15	43	1505931	140.030	ug/l #	90
44) Trichloroethene	8.82	130	685061	159.533	ug/l	98
45) 1,2-Dichloropropane	9.11	63	737554	144.698	ug/l	99
46) Dibromomethane	9.20	93	472449	151.214	ug/l	99
47) Bromodichloromethane	9.39	83	971138	151.015	ug/l	100
48) Methyl methacrylate	9.19	41	715833	146.791	ug/l	99
49) 1,4-Dioxane	9.19	88	207473	2681.589	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	3690633	653.236	ug/l	92
52) Toluene	10.15	92	1707216	156.646	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	1102025	164.944	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1193828	161.405	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	645316	138.069	ug/l	97
56) Ethyl methacrylate	10.43	69	1055539	155.445	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1151922	142.223	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	2071624	666.554	ug/l	100
59) 2-Hexanone	10.75	43	2838732	678.202	ug/l	95
60) Dibromochloromethane	10.90	129	699932	155.574	ug/l	98
61) 1,2-Dibromoethane	11.00	107	670466	151.695	ug/l	100
64) Tetrachloroethene	10.63	164	566380	160.760	ug/l	97
65) Chlorobenzene	11.43	112	1781163	144.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	652626	148.216	ug/l	99
67) Ethyl Benzene	11.51	91	3074023	144.268	ug/l	90
68) m/p-Xylenes	11.62	106	2438318	303.440	ug/l	82
69) o-Xylene	11.95	106	1183930	150.621	ug/l	96
70) Styrene	11.97	104	2025799	151.222	ug/l	99
71) Bromoform	12.13	173	458818	165.509	ug/l #	98
73) Isopropylbenzene	12.25	105	2988771	140.805	ug/l	96
74) N-amyl acetate	12.07	43	1362082	155.212	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	912809	131.776	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	1201045	201.716	ug/l #	100
77) Bromobenzene	12.53	156	736492	139.155	ug/l	98
78) n-propylbenzene	12.60	91	3337625	138.279	ug/l	93
79) 2-Chlorotoluene	12.68	91	2177240	145.130	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	2598303	145.230	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	298147	162.794	ug/l	98
82) 4-Chlorotoluene	12.78	91	2266156	144.458	ug/l	98
83) tert-Butylbenzene	13.00	119	2205347	139.565	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	2580785	144.872	ug/l	95
85) sec-Butylbenzene	13.18	105	2862311	138.527	ug/l	96
86) p-Isopropyltoluene	13.30	119	2614782	142.659	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	1362662	141.975	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1362917	139.496	ug/l	99
89) n-Butylbenzene	13.62	91	2430544	141.827	ug/l	96
90) Hexachloroethane	13.88	117	451846	159.233	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1325285	138.831	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	186372	149.753	ug/l	99

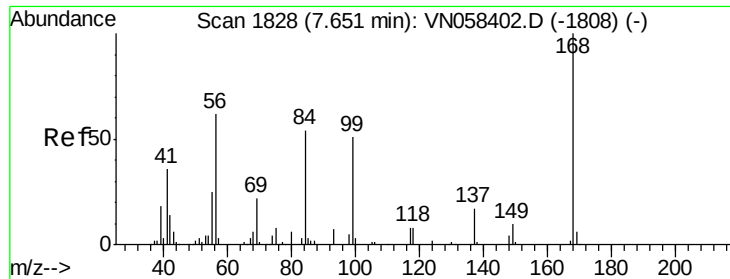
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
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QLast Update : Fri Sep 27 23:01:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	853489	142.118	ug/l	100
94) Hexachlorobutadiene	15.02	225	376132	129.354	ug/l	100
95) Naphthalene	15.13	128	2310917	148.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	793988	140.763	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

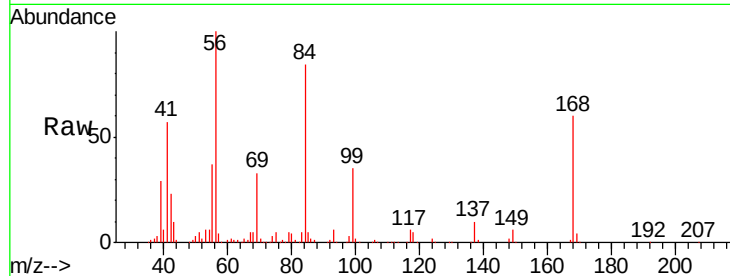
VSTDIC150

Tgt Ion:168 Resp: 450946

Ion Ratio Lower Upper

168 100

99 59.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

300000

250000

200000

150000

100000

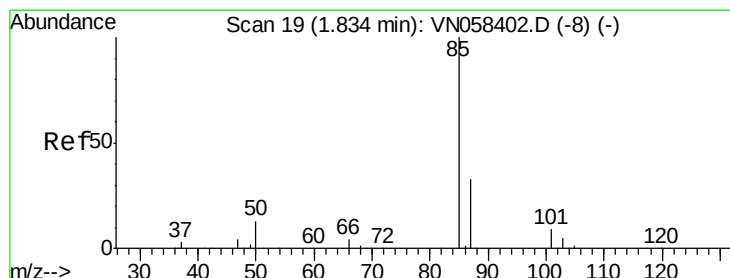
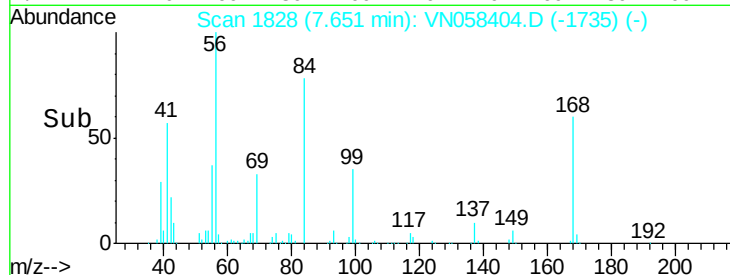
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 169.417 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058404.D

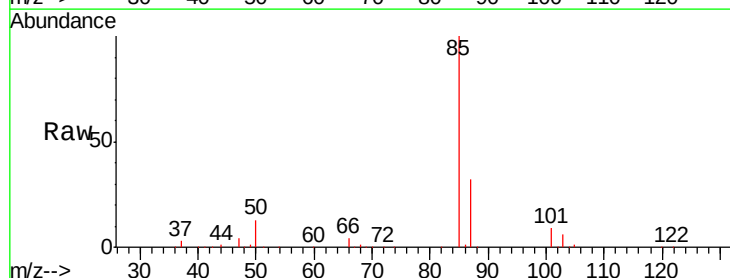
Acq: 27 Sep 2019 13:01

Tgt Ion: 85 Resp: 673273

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

500000

400000

300000

200000

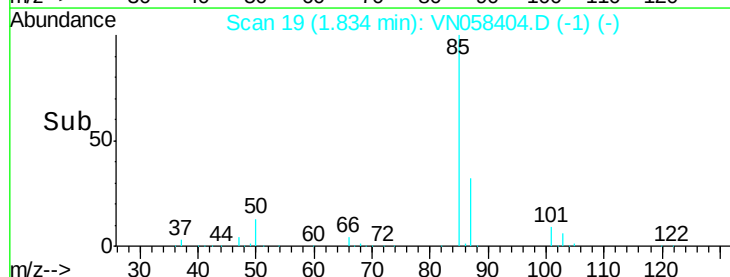
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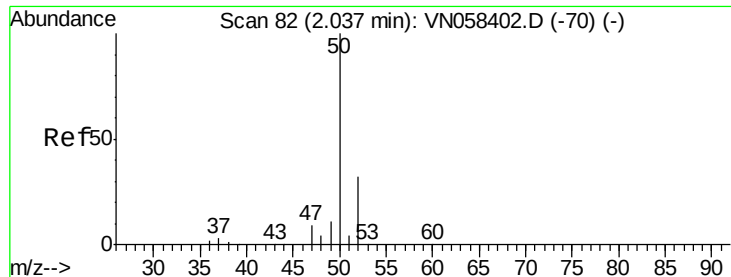
0

1.80

1.90

Time-->





#3

Chloromethane

Concen: 181.776 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampled :

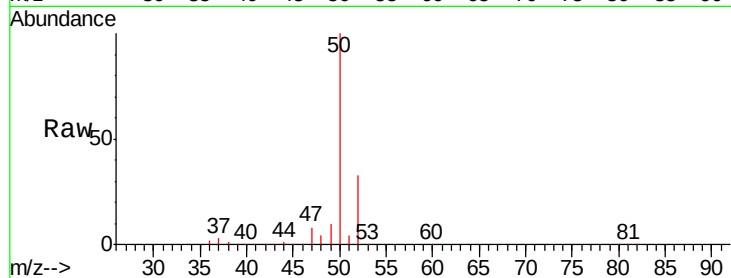
VSTDIC150

Tgt Ion: 50 Resp: 703145

Ion Ratio Lower Upper

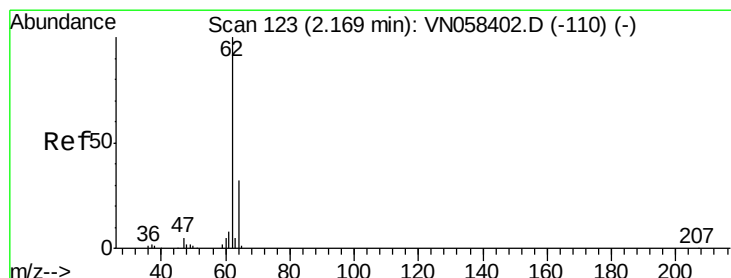
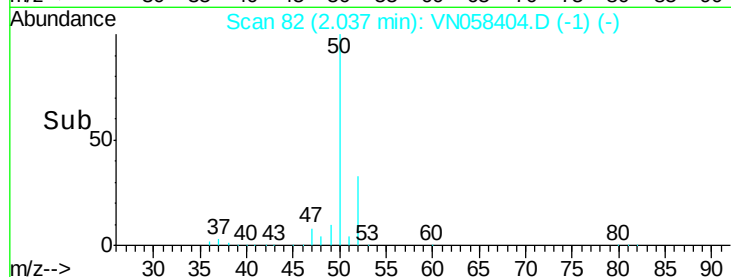
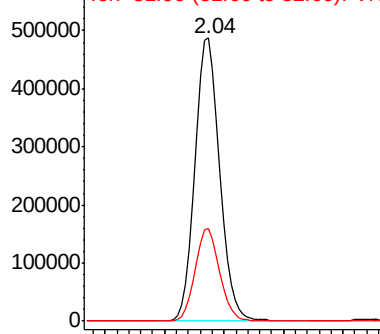
50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 178.827 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058404.D

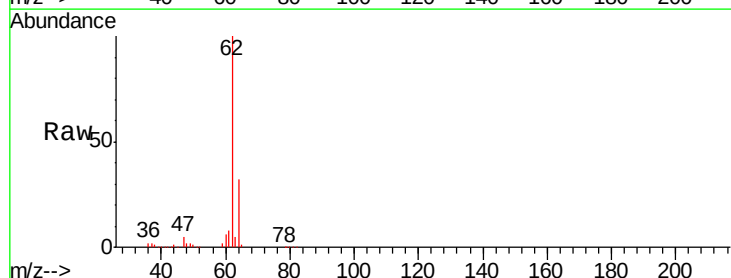
Acq: 27 Sep 2019 13:01

Tgt Ion: 62 Resp: 707274

Ion Ratio Lower Upper

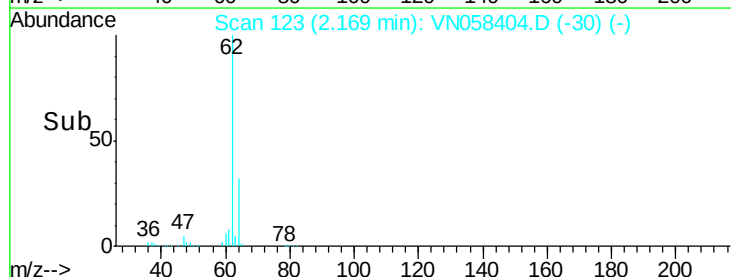
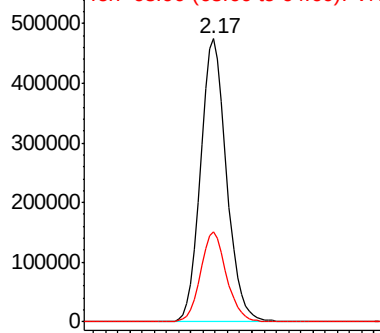
62 100

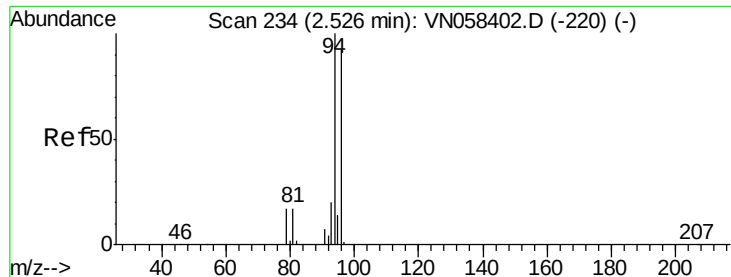
64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 192.581 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

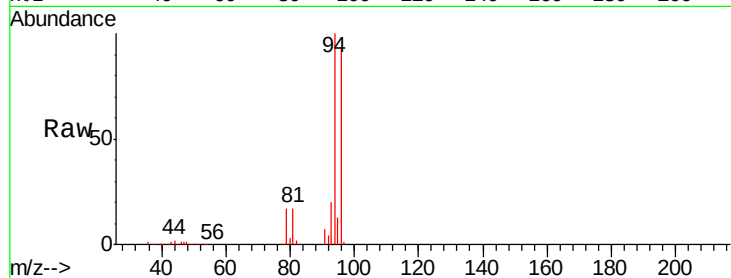
VSTDIC150

Tgt Ion: 94 Resp: 388895

Ion Ratio Lower Upper

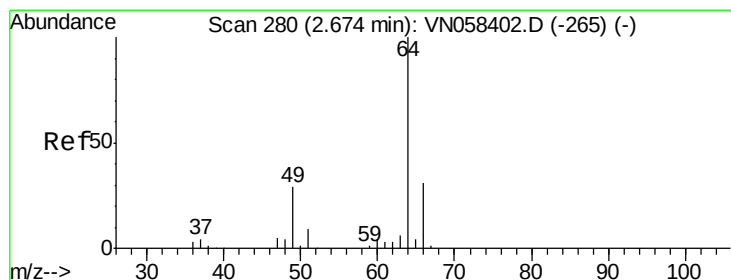
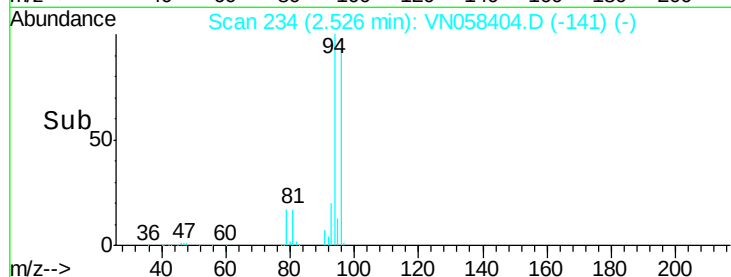
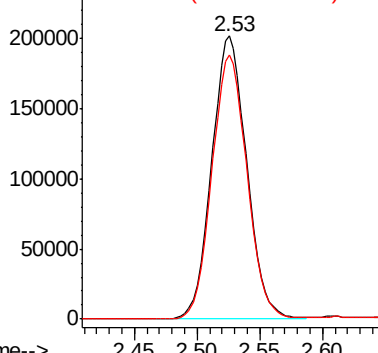
94 100

96 93.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 157.342 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

Lab File: VN058404.D

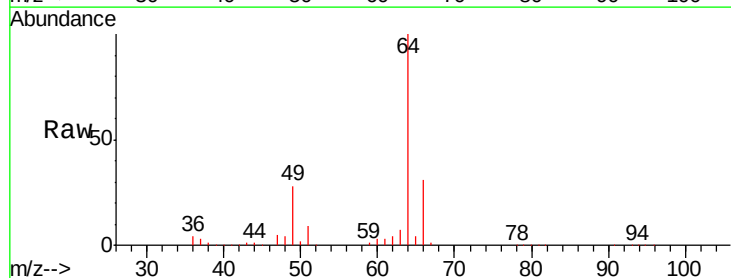
Acq: 27 Sep 2019 13:01

Tgt Ion: 64 Resp: 403187

Ion Ratio Lower Upper

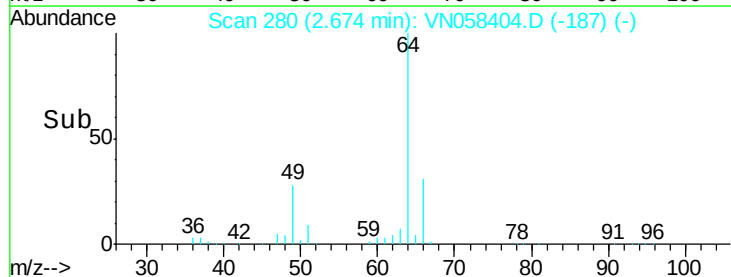
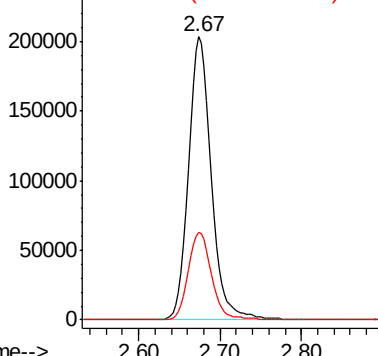
64 100

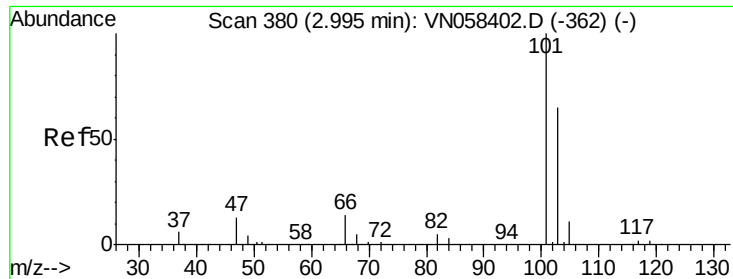
66 31.0 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



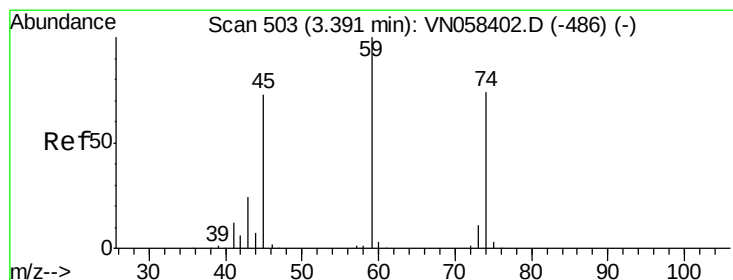
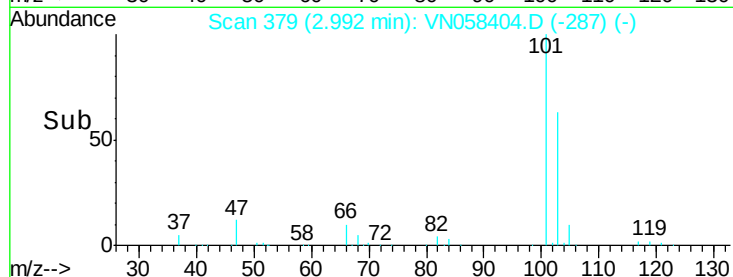
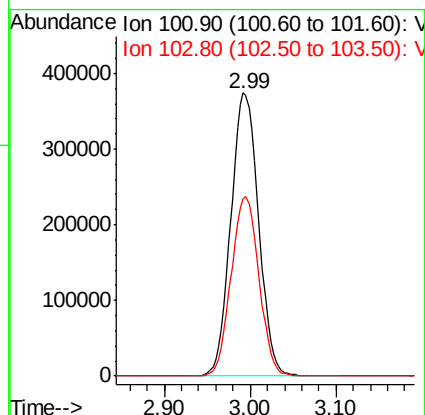
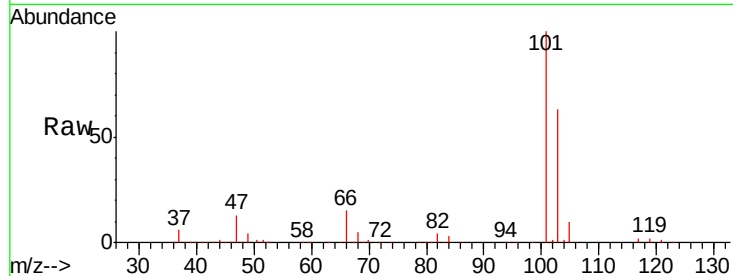


#7

Trichlorofluoromethane
 Concen: 155.417 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

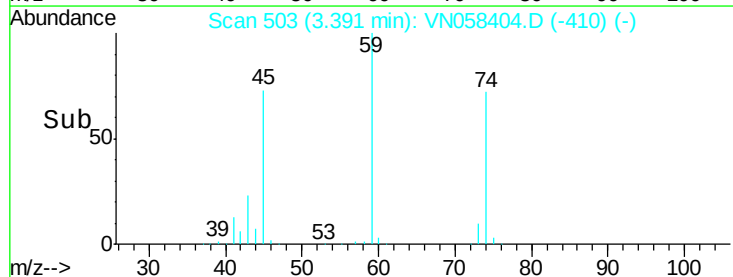
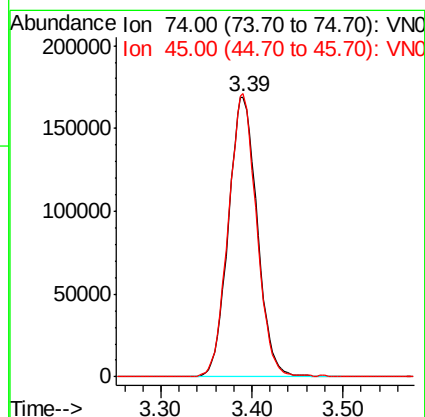
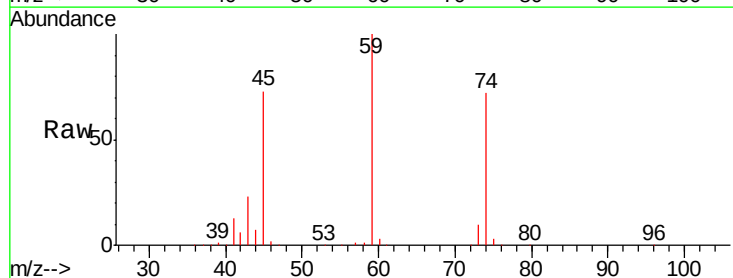
Tgt Ion: 101 Resp: 838493
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.3 78.5

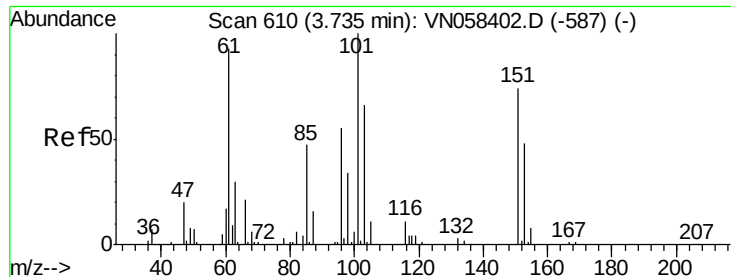


#8

Diethyl Ether
 Concen: 153.136 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion: 74 Resp: 371167
 Ion Ratio Lower Upper
 74 100
 45 98.7 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 148.788 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

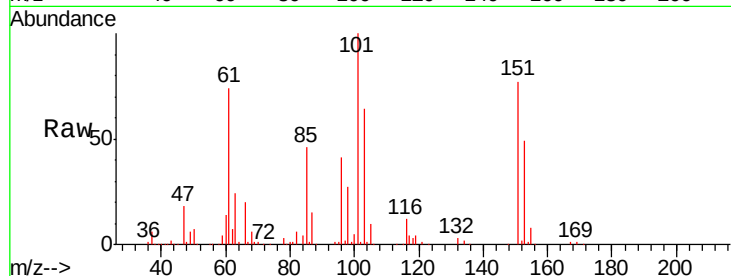
Tgt Ion:101 Resp: 570177

Ion Ratio Lower Upper

101 100

85 45.7 36.7 55.1

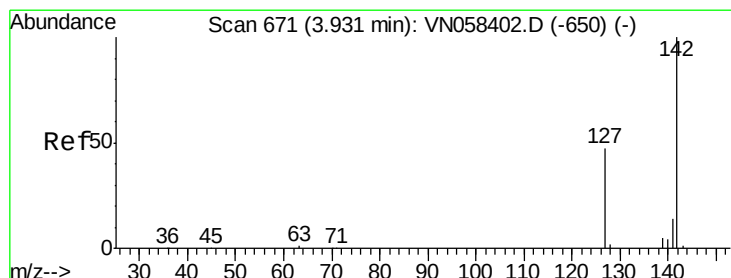
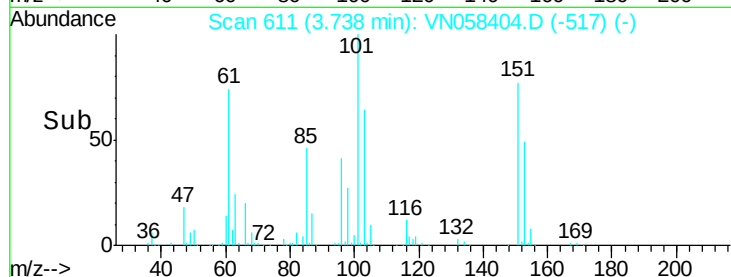
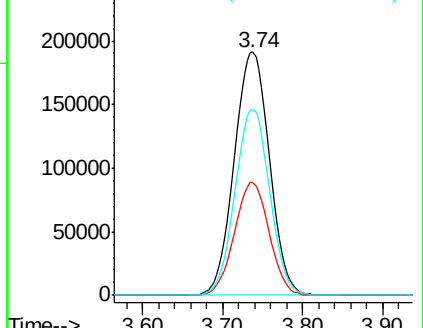
151 75.5 59.4 89.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 209.277 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

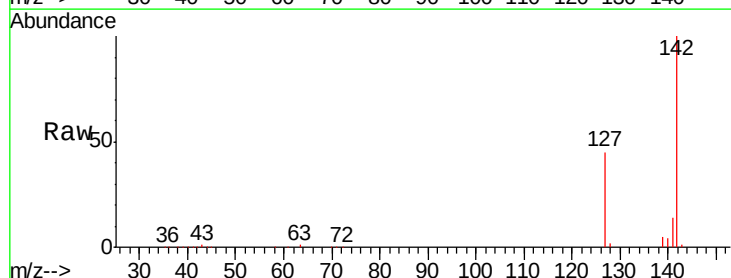
Tgt Ion:142 Resp: 730439

Ion Ratio Lower Upper

142 100

127 46.0 37.2 55.8

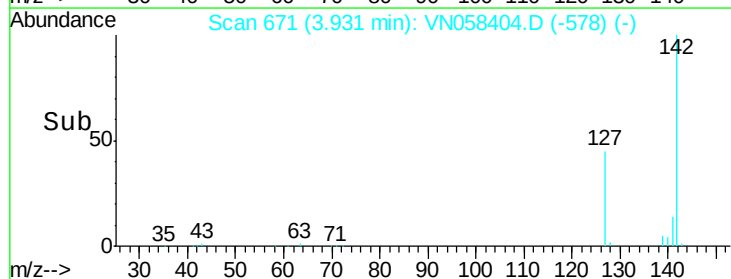
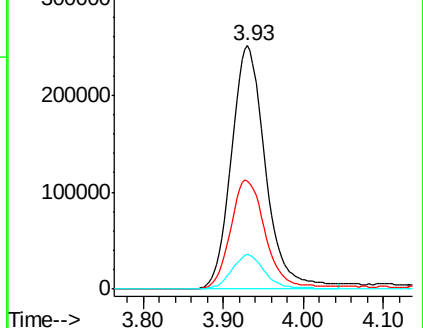
141 13.9 11.3 16.9

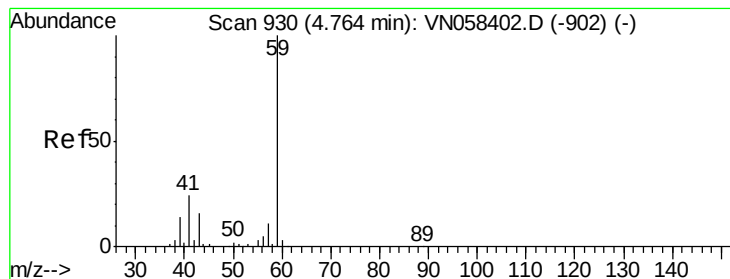


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



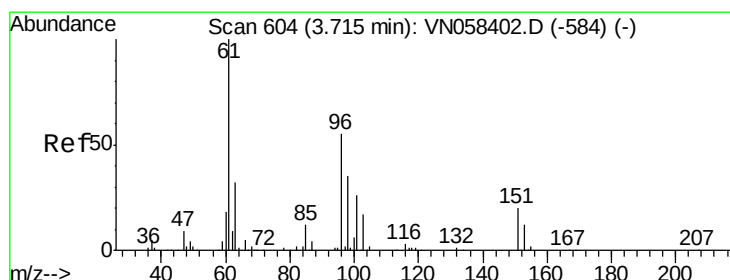
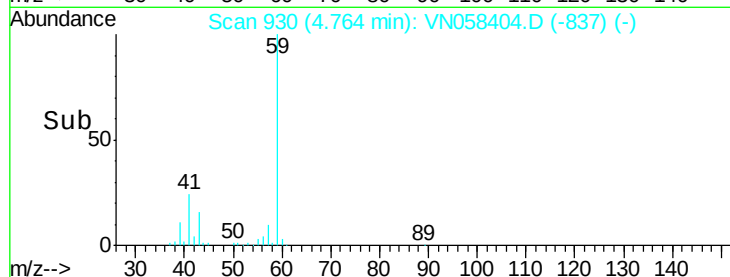
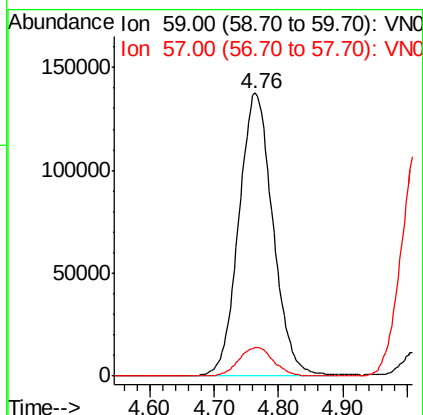
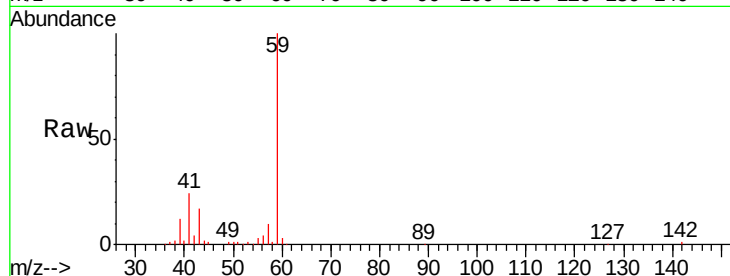


#11

Tert butyl alcohol
 Concen: 679.324 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

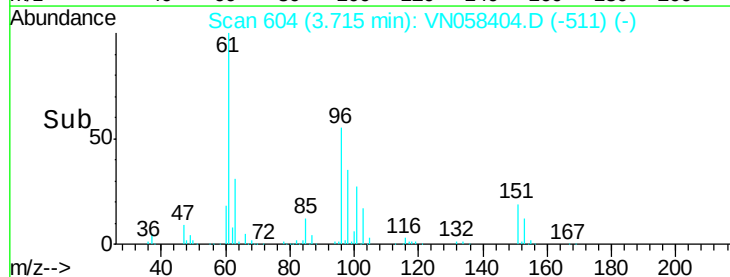
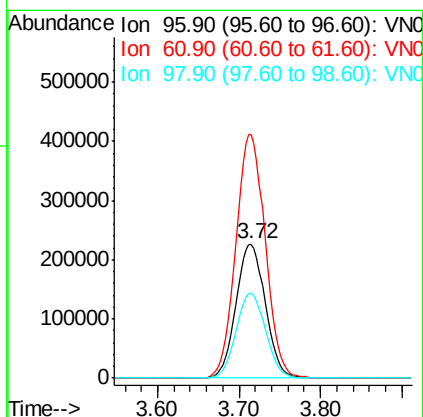
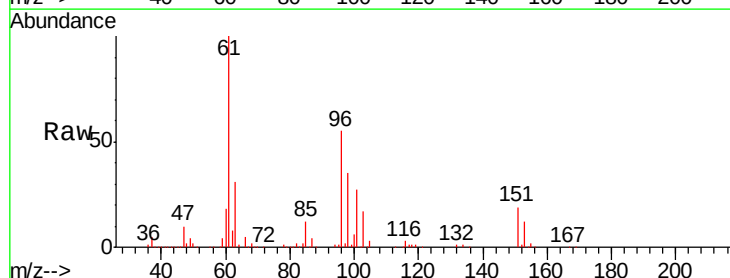
Tgt Ion: 59 Resp: 506600
 Ion Ratio Lower Upper
 59 100
 57 10.4 9.0 13.4

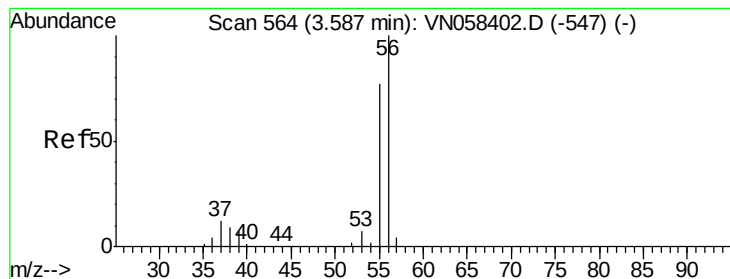


#12

1,1-Dichloroethene
 Concen: 167.723 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion: 96 Resp: 564282
 Ion Ratio Lower Upper
 96 100
 61 181.6 146.7 220.1
 98 63.5 51.3 76.9





#13

Acrolein

Concen: 1292.006 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

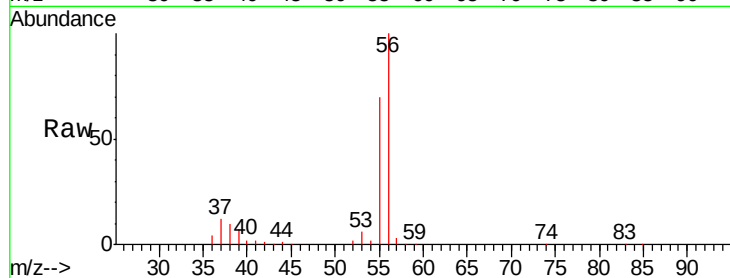
VSTDIC150

Tgt Ion: 56 Resp: 169031

Ion Ratio Lower Upper

56 100

55 70.6 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

60000

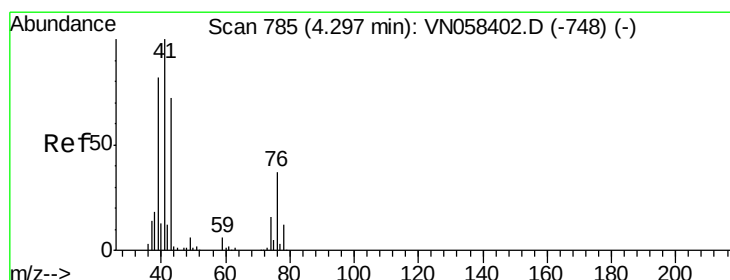
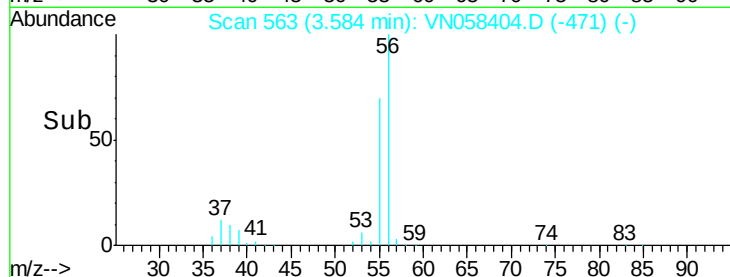
40000

20000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 168.224 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

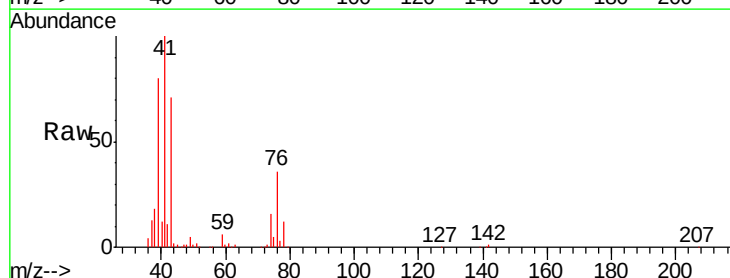
Tgt Ion: 41 Resp: 1068771

Ion Ratio Lower Upper

41 100

39 75.7 62.3 93.5

76 33.0 26.9 40.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.30

400000

300000

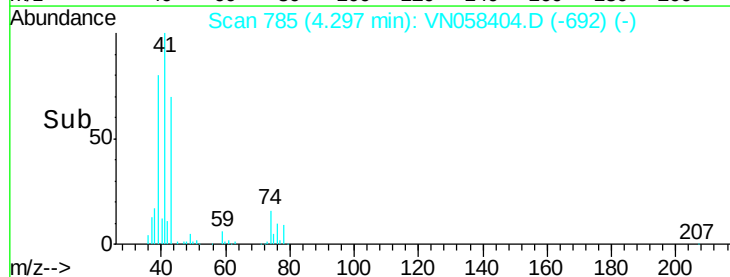
200000

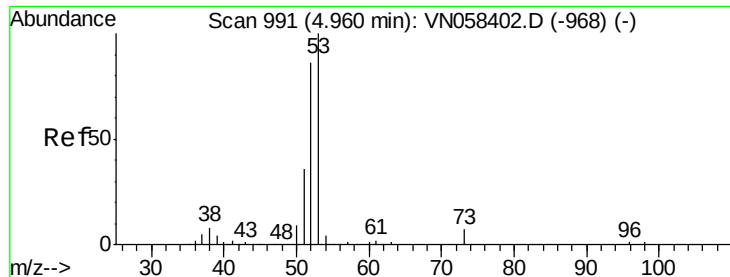
100000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 718.327 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

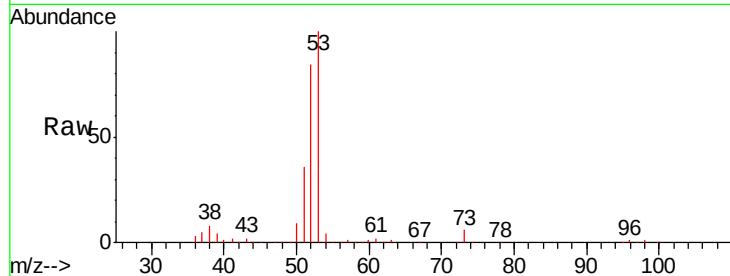
Tgt Ion: 53 Resp: 1454889

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

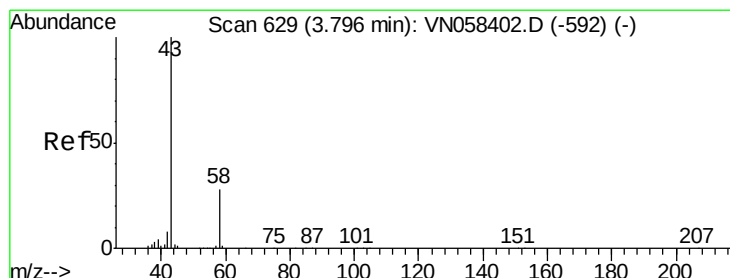
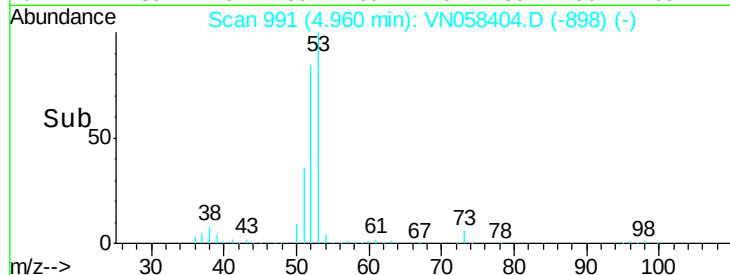
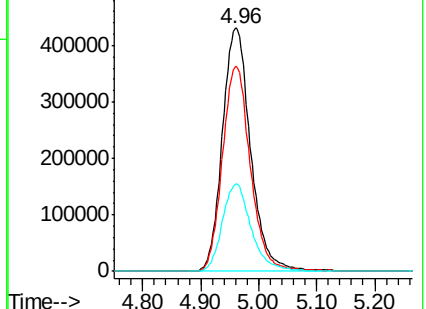
51 36.9 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN058404.D (-898) (-)

Ion 52.00 (51.70 to 52.70): VN058404.D (-898) (-)

Ion 51.00 (50.70 to 51.70): VN058404.D (-898) (-)



#16

Acetone

Concen: 636.015 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058404.D

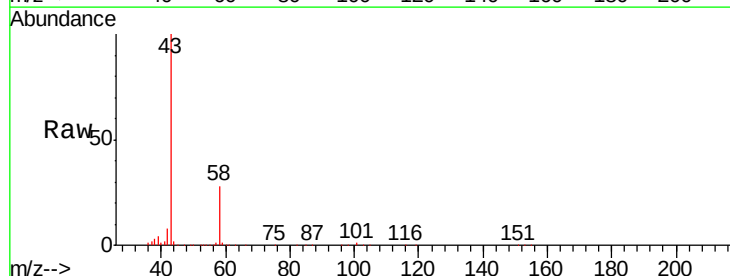
Acq: 27 Sep 2019 13:01

Tgt Ion: 43 Resp: 1389638

Ion Ratio Lower Upper

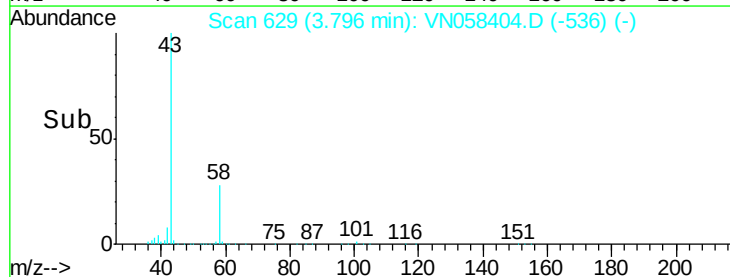
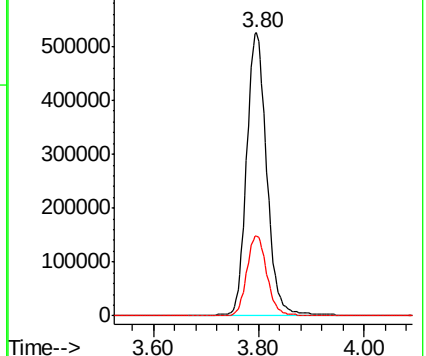
43 100

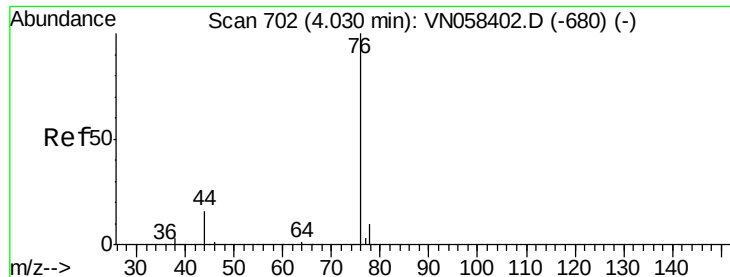
58 28.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN058404.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN058404.D (-536) (-)

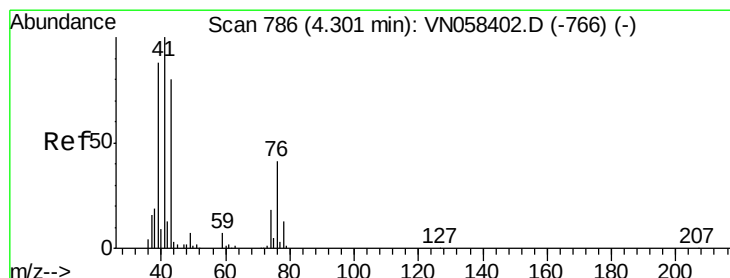
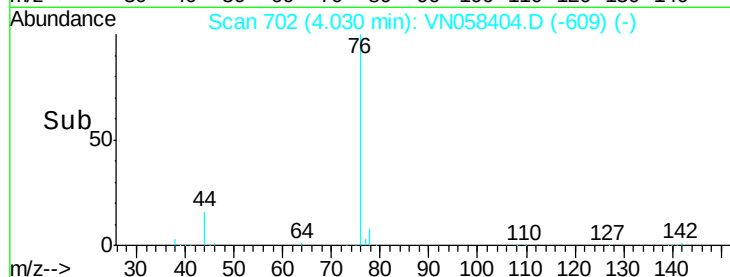
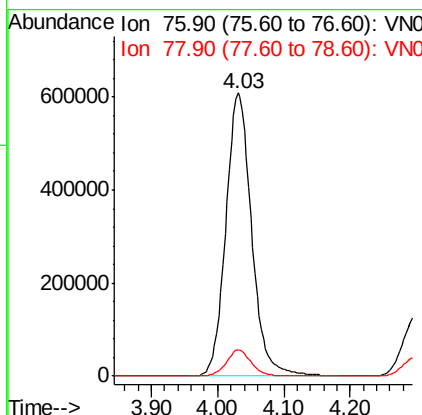
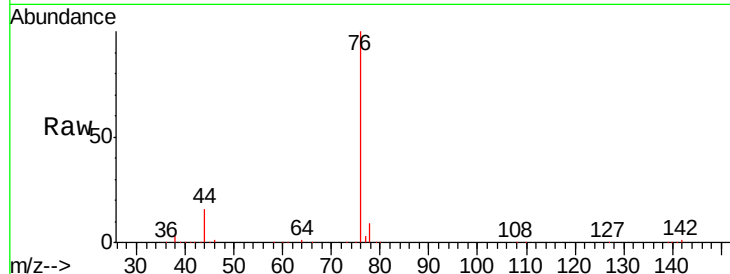




#17
Carbon Disulfide
Concen: 270.246 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

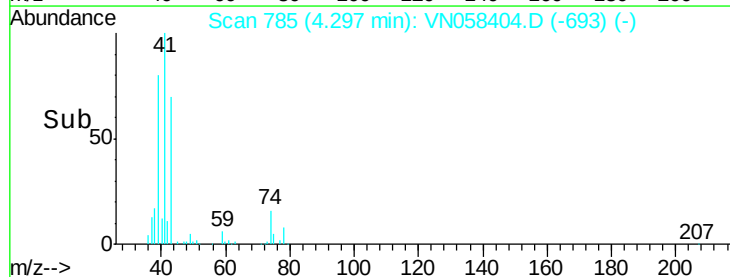
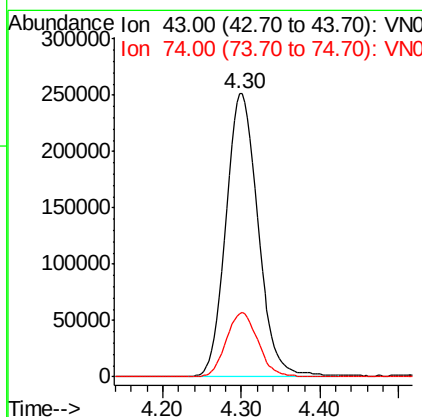
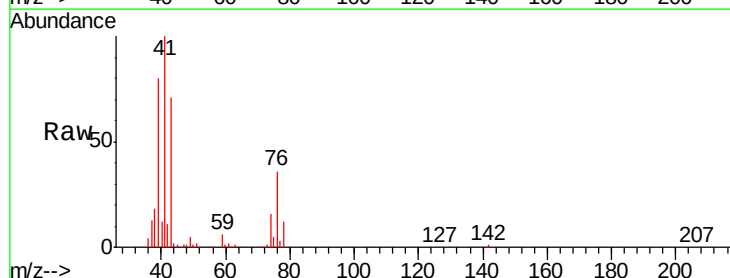
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

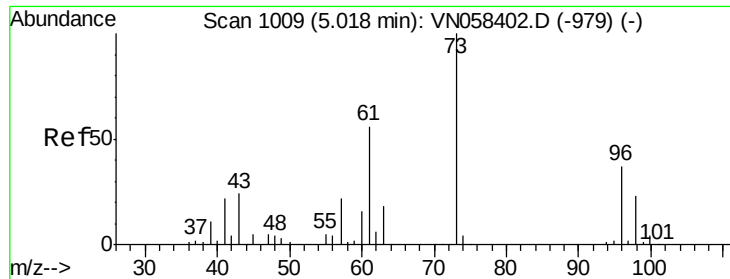
Tgt Ion: 76 Resp: 1641712
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



#18
Methyl Acetate
Concen: 125.540 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion: 43 Resp: 709075
Ion Ratio Lower Upper
43 100
74 22.8 18.0 27.0

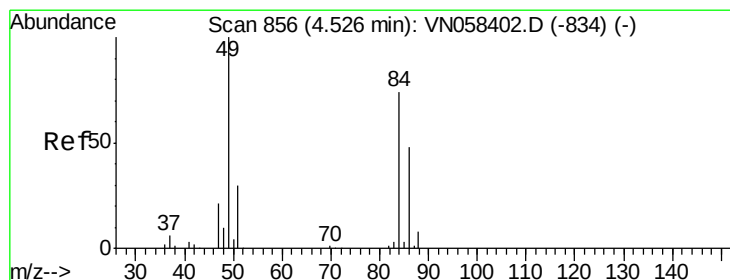
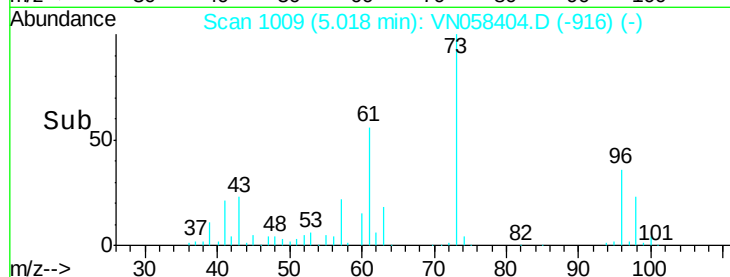
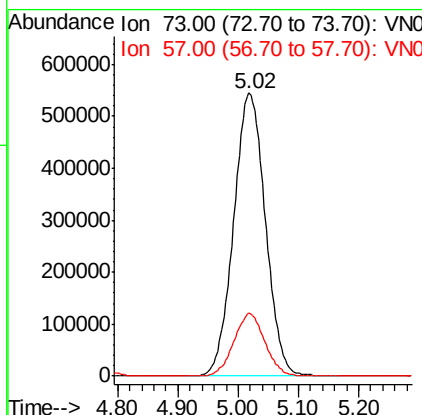
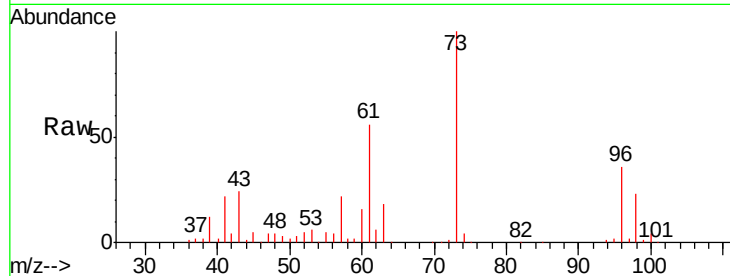




#19
Methyl tert-butyl Ether
Concen: 142.466 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

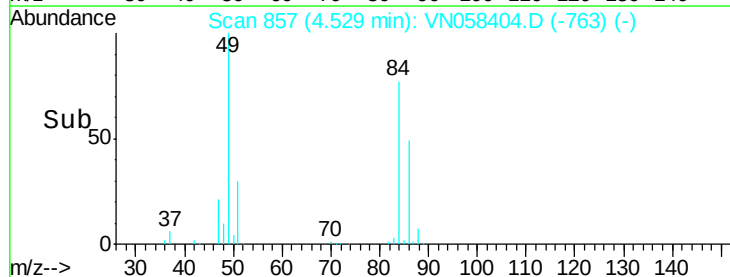
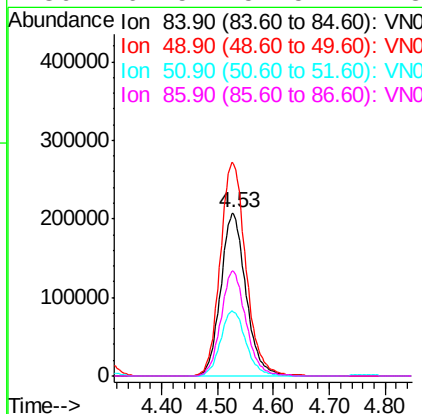
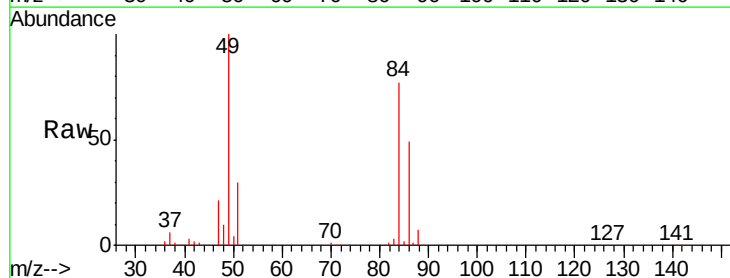
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

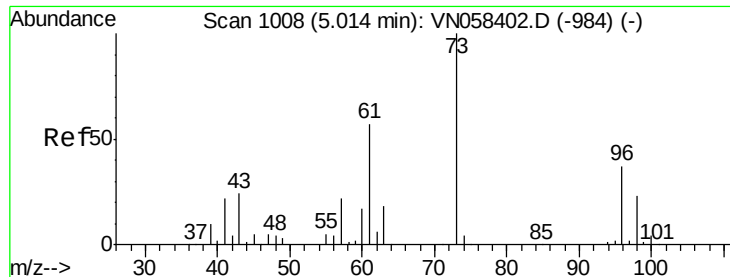
Tgt Ion: 73 Resp: 2006455
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4



#20
Methylene Chloride
Concen: 148.728 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion: 84 Resp: 650773
Ion Ratio Lower Upper
84 100
49 130.4 107.9 161.9
51 39.7 32.8 49.2
86 64.5 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 173.113 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

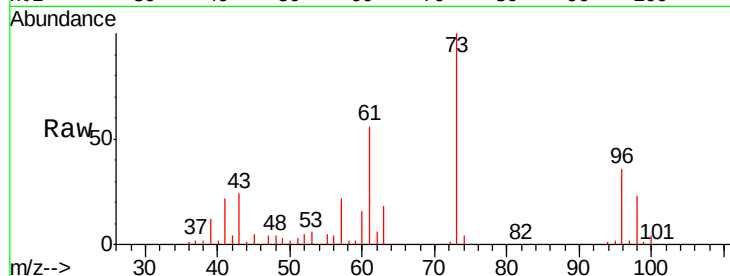
Tgt Ion: 96 Resp: 631705

Ion Ratio Lower Upper

96 100

61 153.2 121.9 182.9

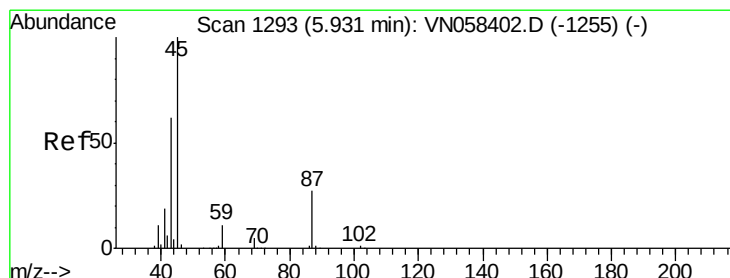
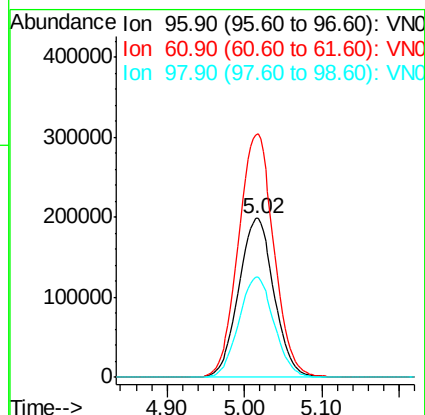
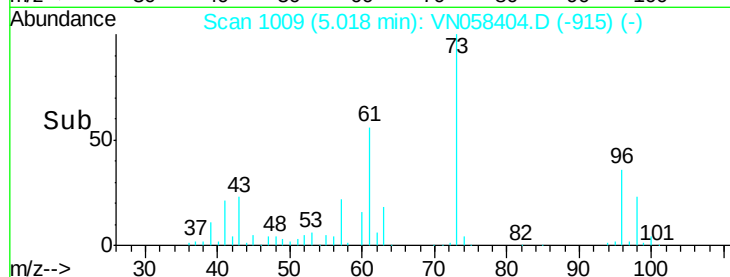
98 62.9 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN058404.D (-1008) (-)

Ion 60.90 (60.60 to 61.60): VN058404.D (-1008) (-)

Ion 97.90 (97.60 to 98.60): VN058404.D (-1008) (-)



#22

Diisopropyl ether

Concen: 144.930 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Tgt Ion: 45 Resp: 2245877

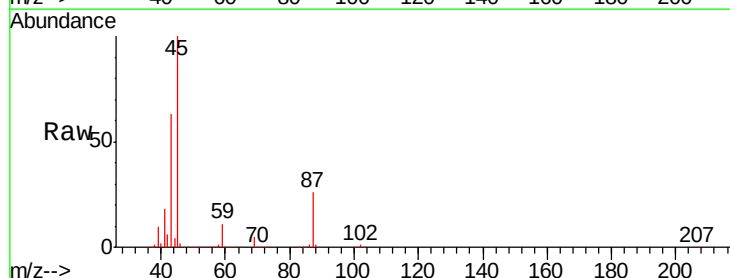
Ion Ratio Lower Upper

45 100

43 63.1 49.7 74.5

87 26.4 21.5 32.3

59 11.0 8.9 13.3

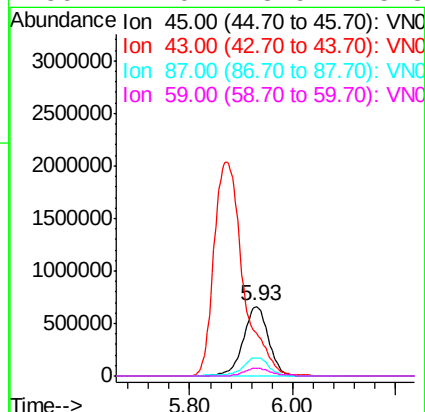
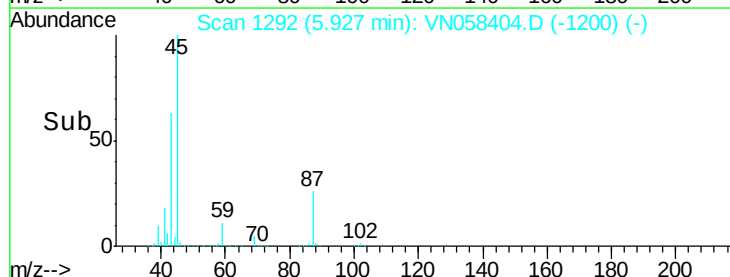


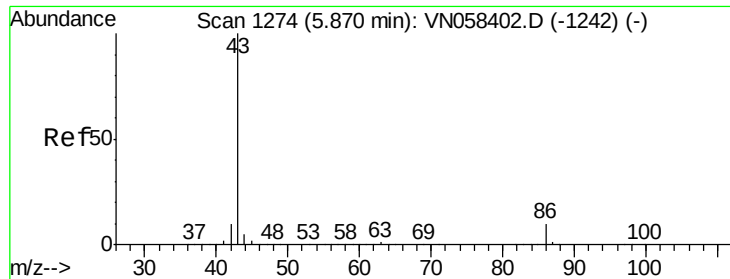
Abundance Ion 45.00 (44.70 to 45.70): VN058404.D (-1292) (-)

Ion 43.00 (42.70 to 43.70): VN058404.D (-1292) (-)

Ion 87.00 (86.70 to 87.70): VN058404.D (-1292) (-)

Ion 59.00 (58.70 to 59.70): VN058404.D (-1292) (-)





#23

Vinyl Acetate

Concen: 736.162 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

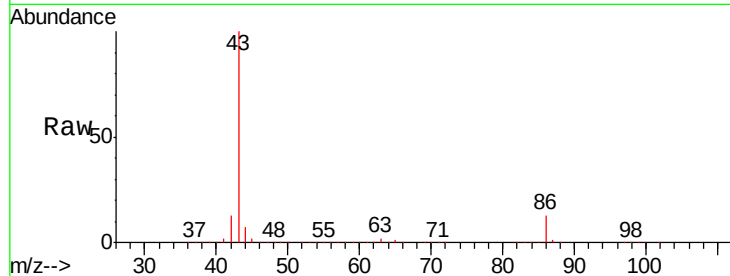
VSTDIC150

Tgt Ion: 43 Resp: 8020974

Ion Ratio Lower Upper

43 100

86 13.3 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.87

2000000

1500000

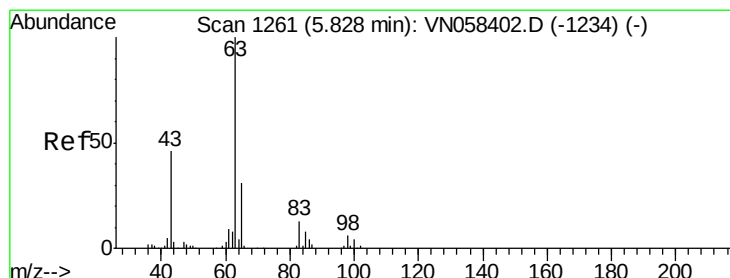
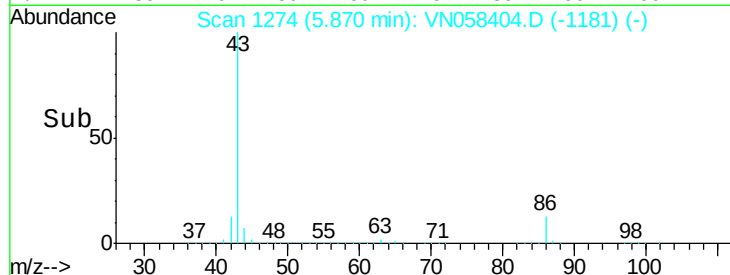
1000000

500000

0

5.80 6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 148.817 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

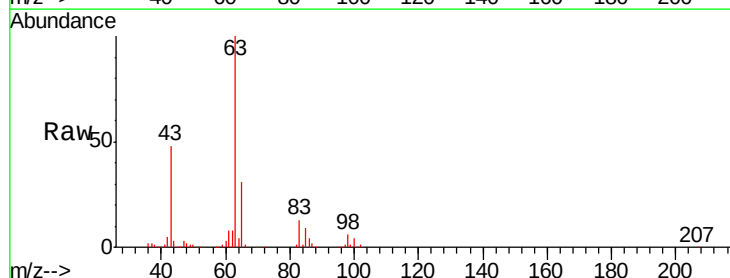
Tgt Ion: 63 Resp: 1251241

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.0

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

500000

400000

300000

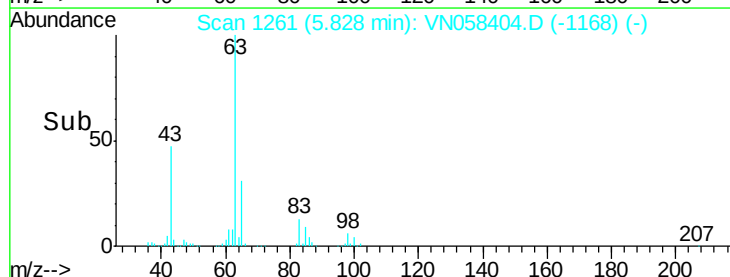
200000

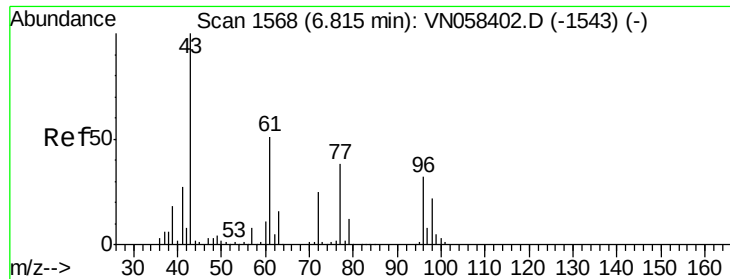
100000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 691.631 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampled :

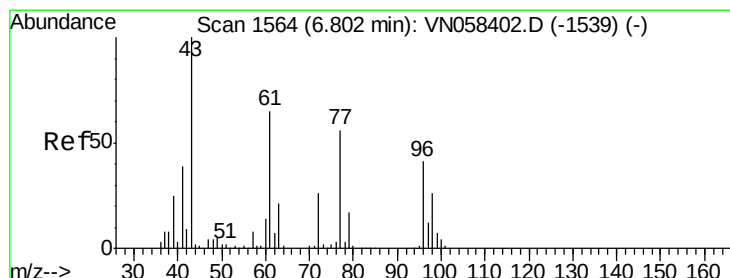
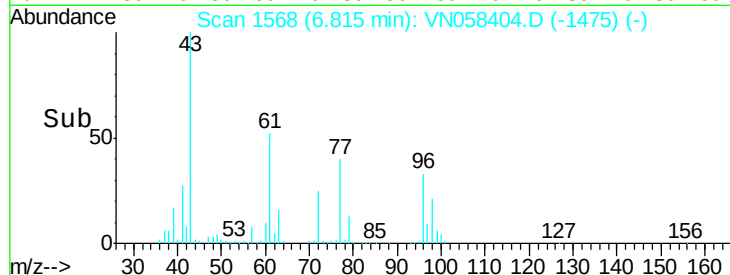
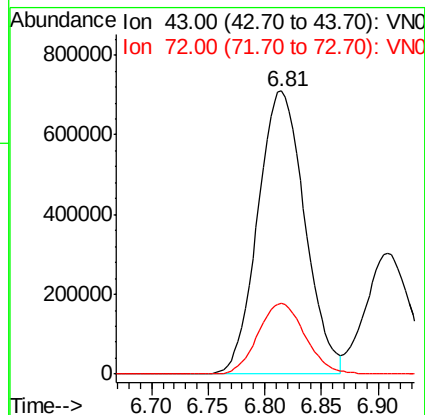
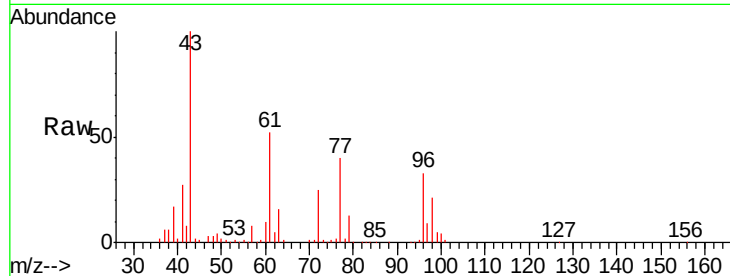
VSTDIC150

Tgt Ion: 43 Resp: 2042027

Ion Ratio Lower Upper

43 100

72 24.9 20.2 30.4



#26

2,2-Dichloropropane

Concen: 146.361 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058404.D

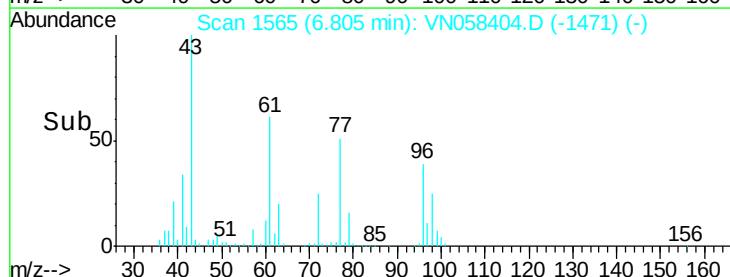
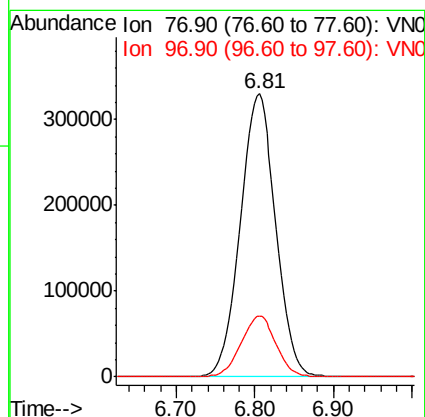
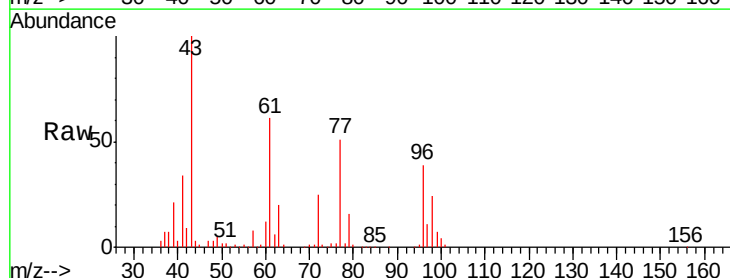
Acq: 27 Sep 2019 13:01

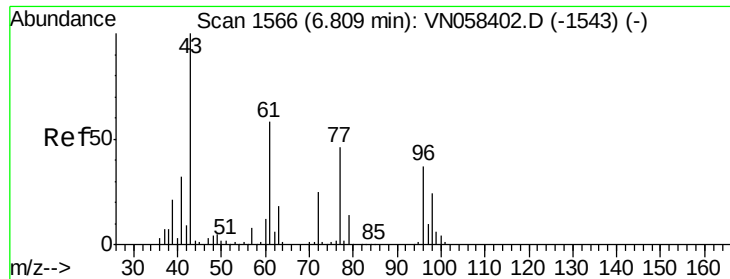
Tgt Ion: 77 Resp: 1040883

Ion Ratio Lower Upper

77 100

97 21.3 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 152.475 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

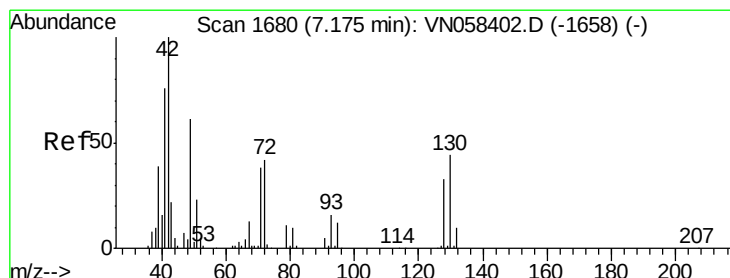
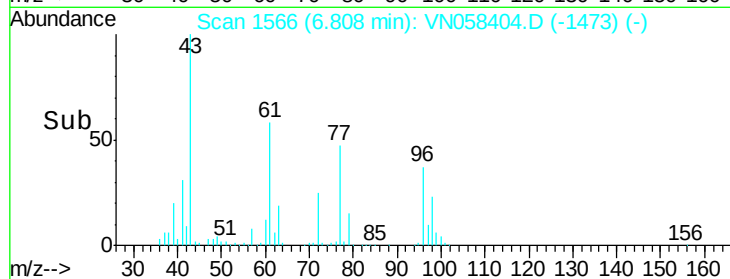
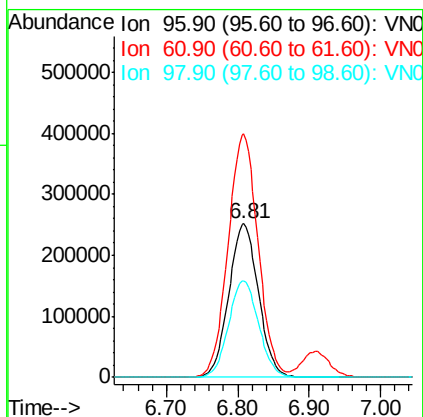
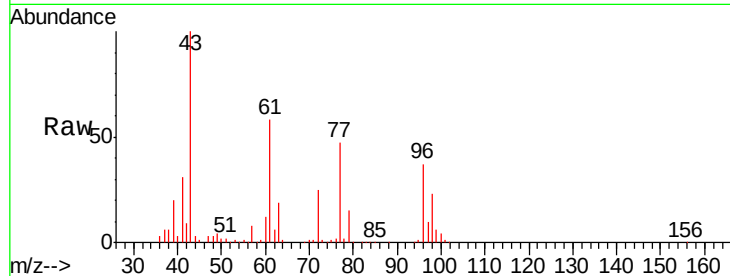
Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion: 96 Resp: 729323

Ion	Ratio	Lower	Upper
96	100		
61	159.7	0.0	318.8
98	63.9	0.0	129.8



#28

Bromochloromethane

Concen: 146.801 ug/l

RT: 7.18 min Scan# 1681

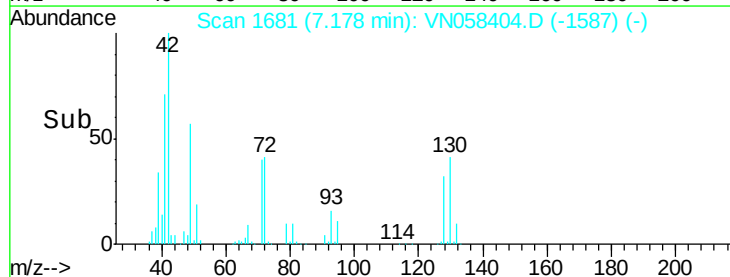
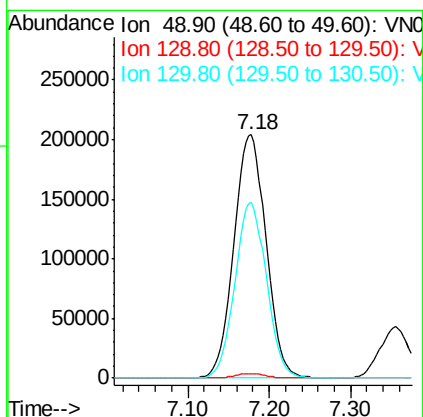
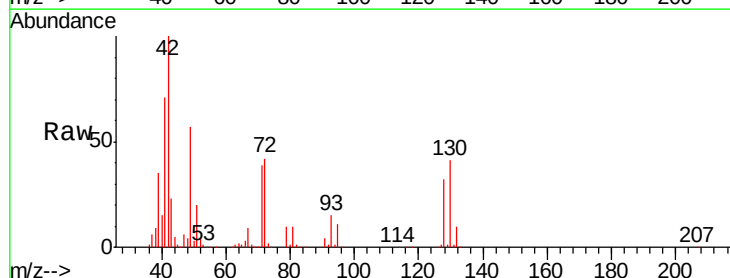
Delta R.T. 0.00 min

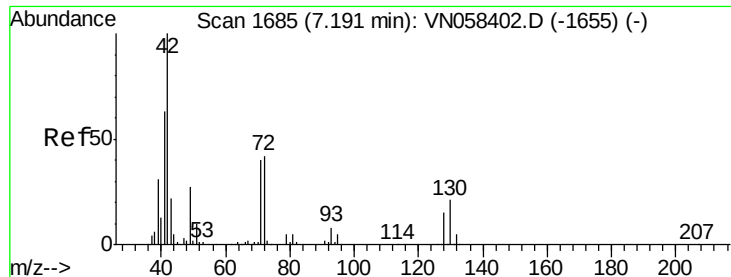
Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Tgt Ion: 49 Resp: 560330

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.4
130	70.5	56.3	84.5

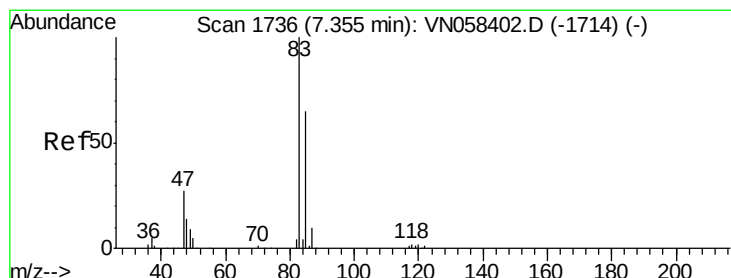
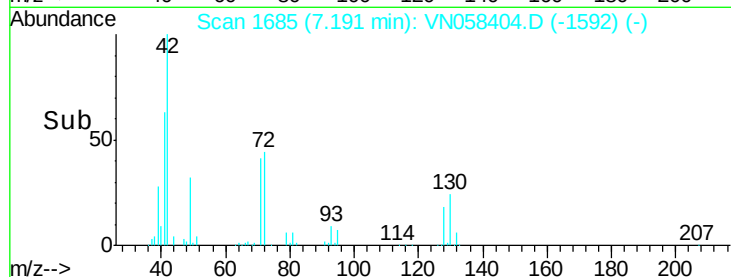
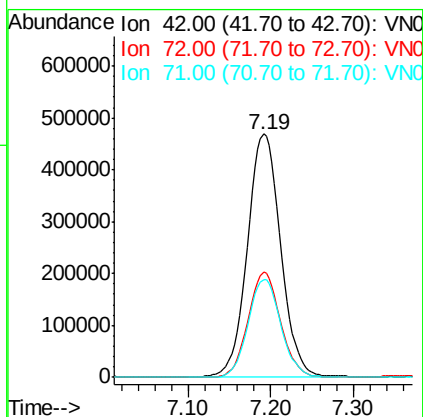
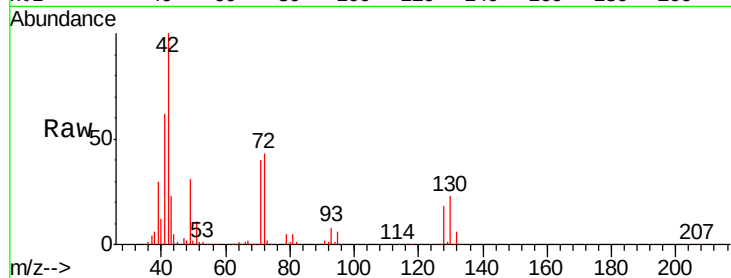




#29
Tetrahydrofuran
Concen: 711.540 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

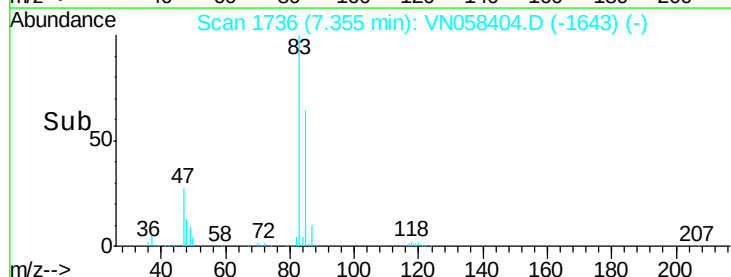
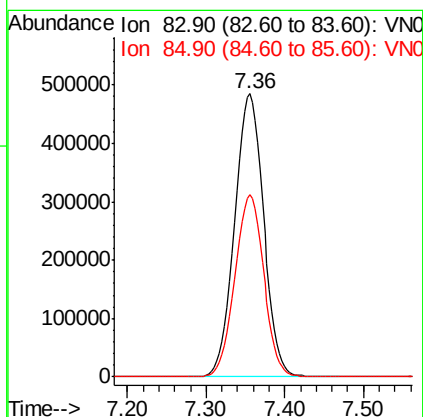
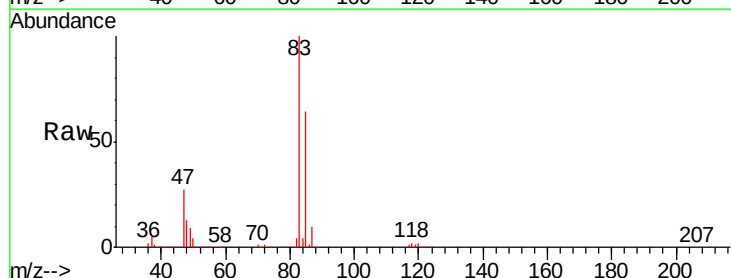
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

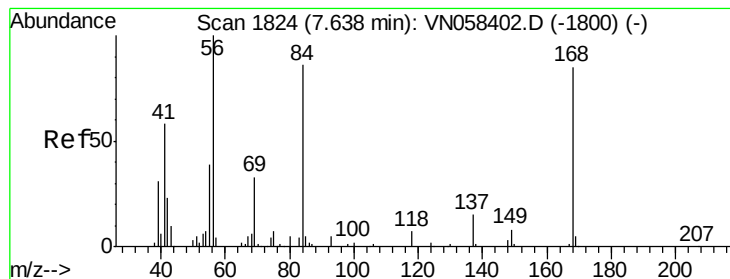
Tgt Ion: 42 Resp: 1307498
Ion Ratio Lower Upper
42 100
72 42.1 33.7 50.5
71 39.7 31.8 47.6



#30
Chloroform
Concen: 139.984 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion: 83 Resp: 1251099
Ion Ratio Lower Upper
83 100
85 64.2 52.0 78.0





#31

Cyclohexane

Concen: 169.906 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

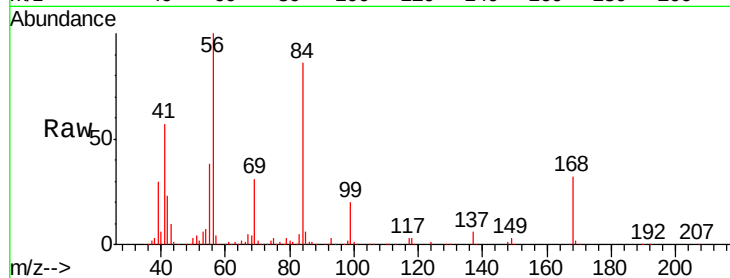
Tgt Ion: 56 Resp: 1145926

Ion Ratio Lower Upper

56 100

69 31.4 26.2 39.4

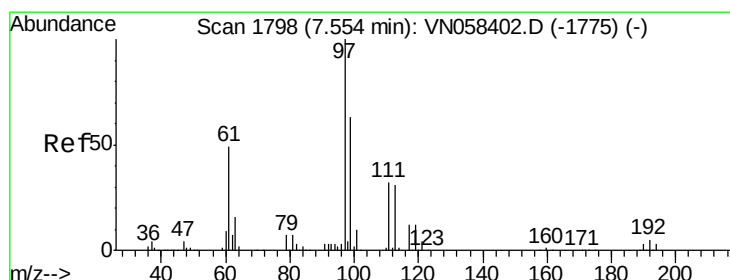
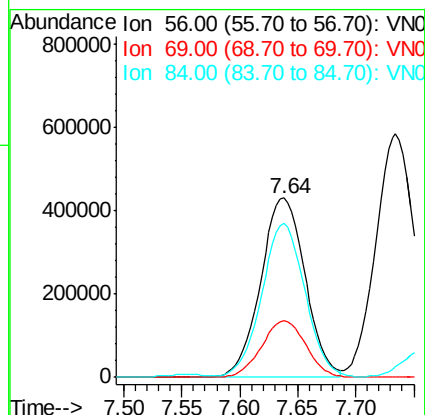
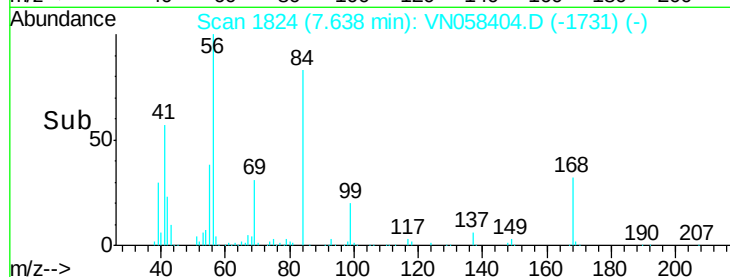
84 84.2 67.6 101.4



Abundance Ion 56.00 (55.70 to 56.70): VN058404.D (-1731) (-)

Ion 69.00 (68.70 to 69.70): VN058404.D (-1731) (-)

Ion 84.00 (83.70 to 84.70): VN058404.D (-1731) (-)



#32

1,1,1-Trichloroethane

Concen: 156.578 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

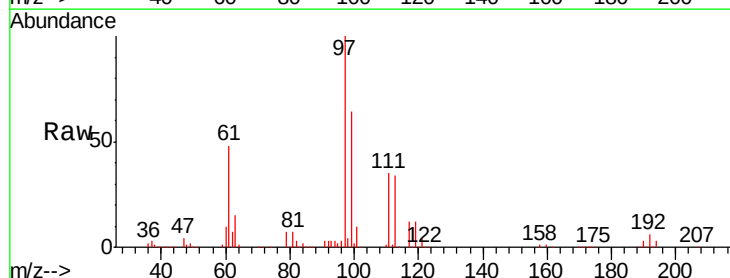
Tgt Ion: 97 Resp: 1079090

Ion Ratio Lower Upper

97 100

99 63.7 51.1 76.7

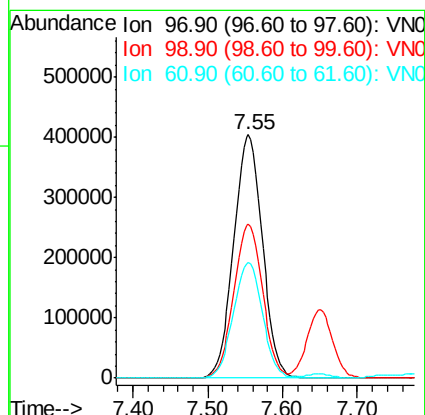
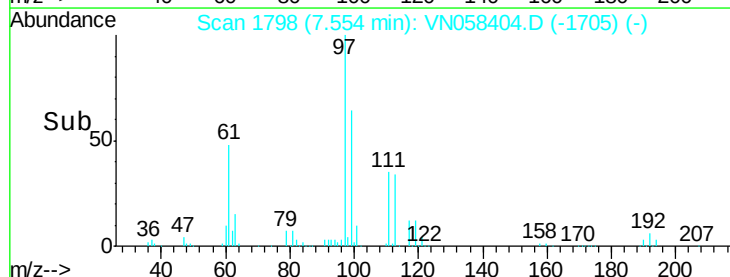
61 48.1 39.2 58.8

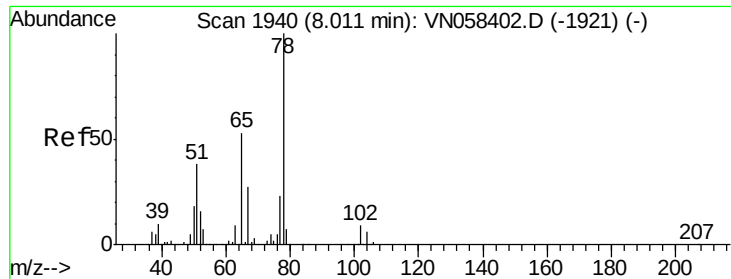


Abundance Ion 96.90 (96.60 to 97.60): VN058404.D (-1705) (-)

Ion 98.90 (98.60 to 99.60): VN058404.D (-1705) (-)

Ion 60.90 (60.60 to 61.60): VN058404.D (-1705) (-)

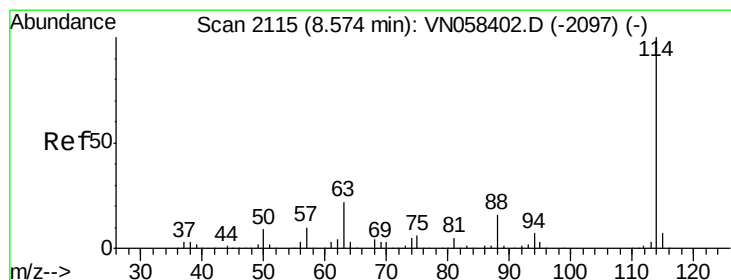
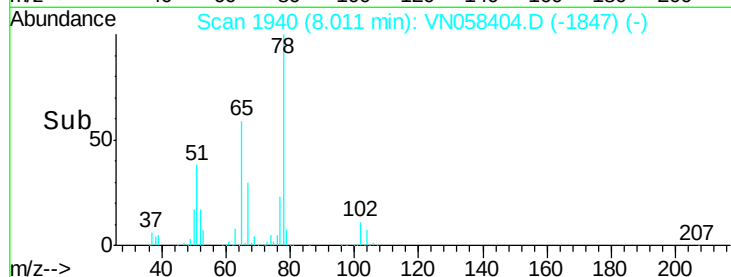
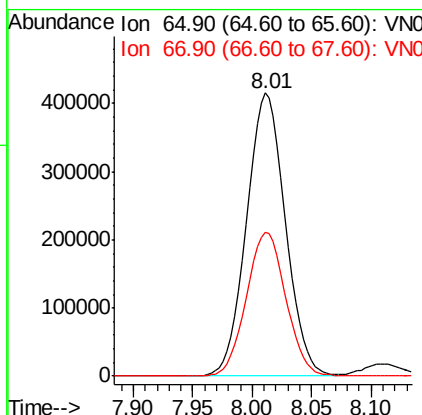
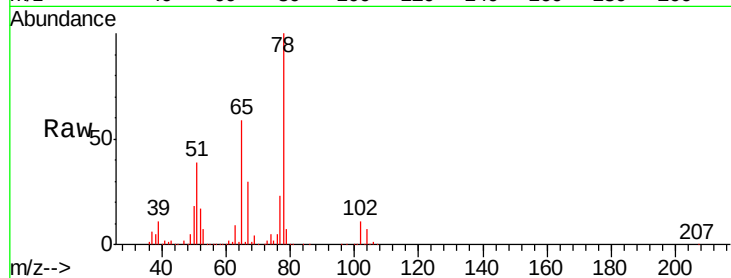




#33
 1,2-Dichloroethane-d4
 Concen: 148.226 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

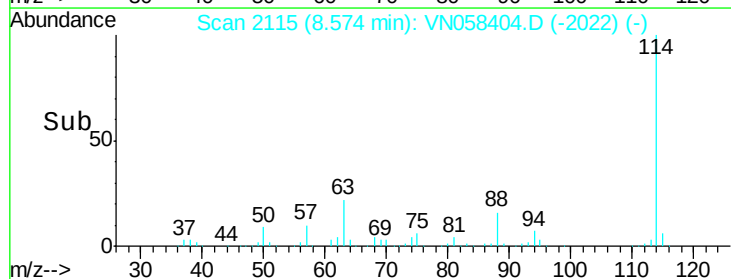
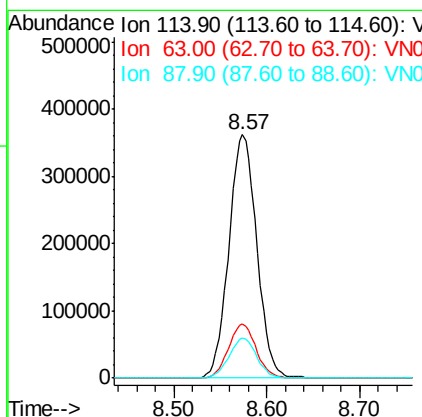
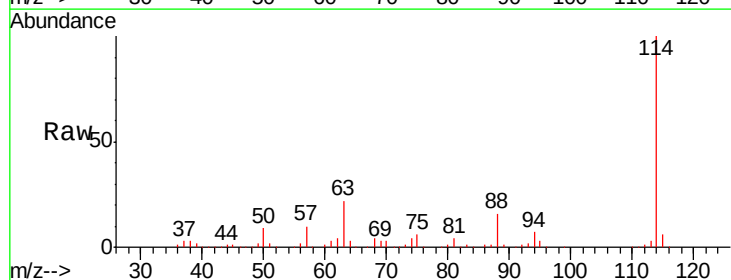
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

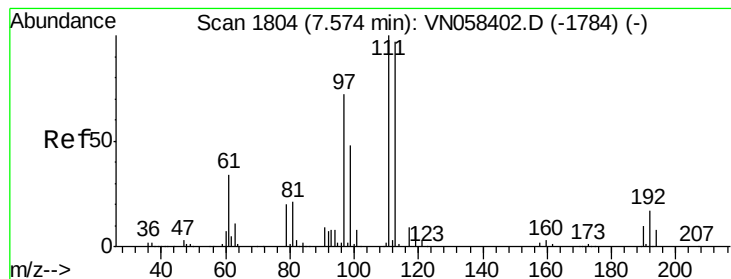
Tgt Ion: 65 Resp: 940537
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion: 114 Resp: 755642
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.0
 88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 150.352 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

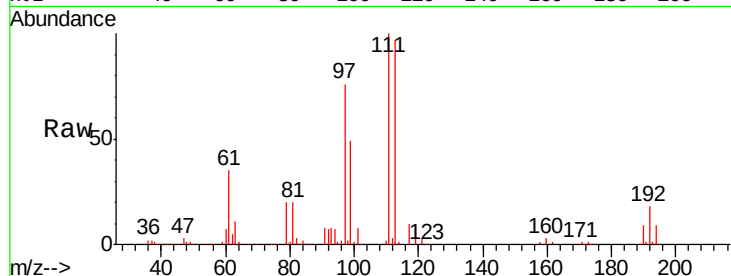
Tgt Ion: 113 Resp: 691356

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

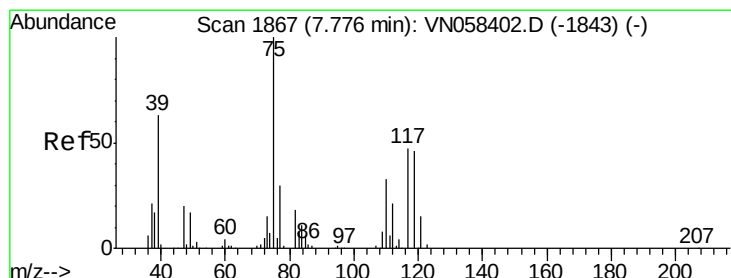
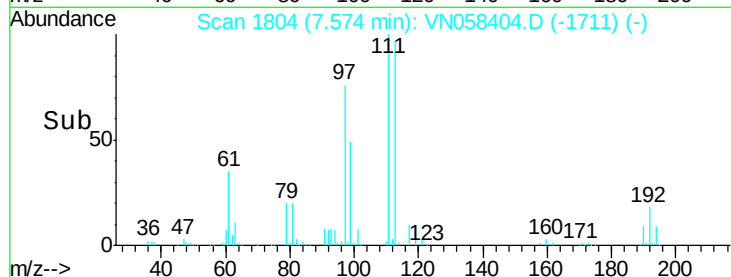
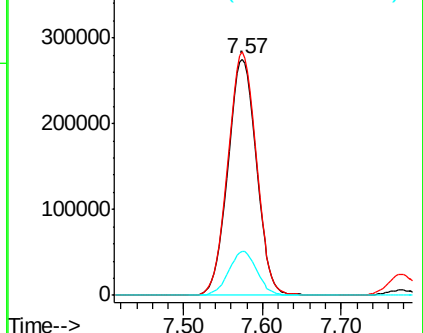
192 18.5 14.9 22.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 166.585 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

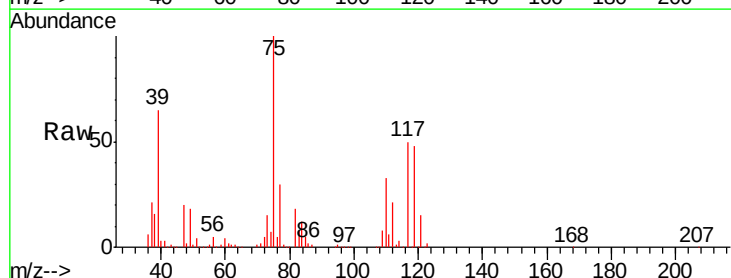
Tgt Ion: 75 Resp: 972735

Ion Ratio Lower Upper

75 100

110 32.8 16.4 49.2

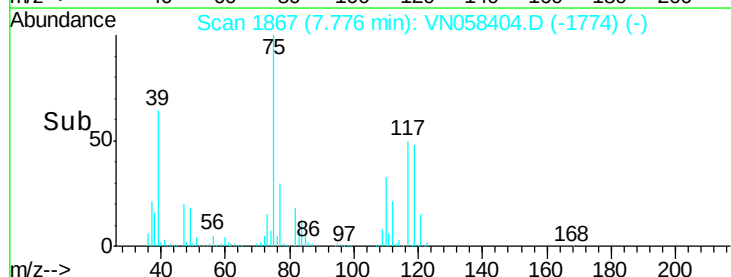
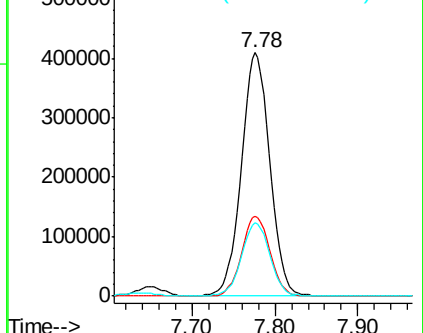
77 30.4 24.3 36.5

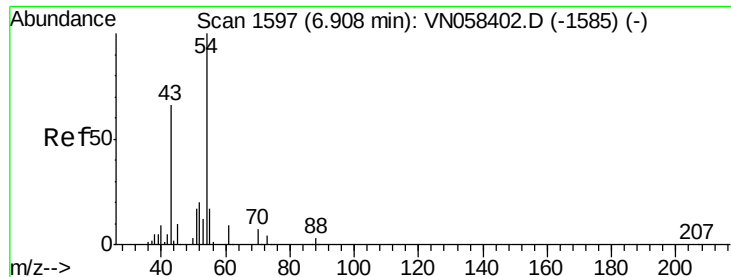


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

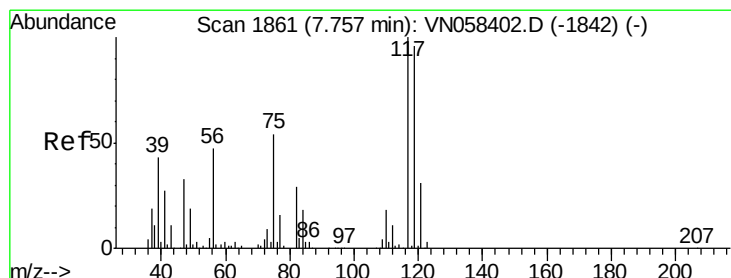
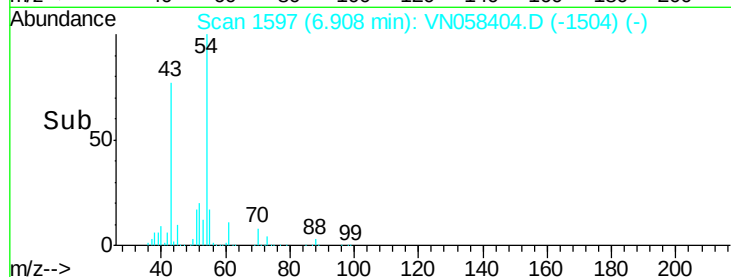
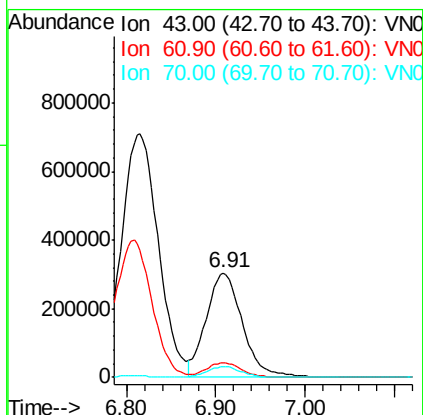
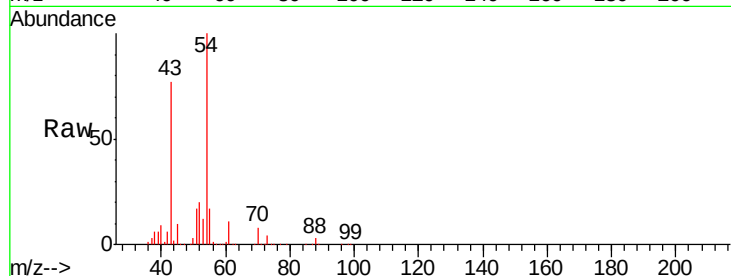




#37
 Ethyl Acetate
 Concen: 146.750 ug/l
 RT: 6.91 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

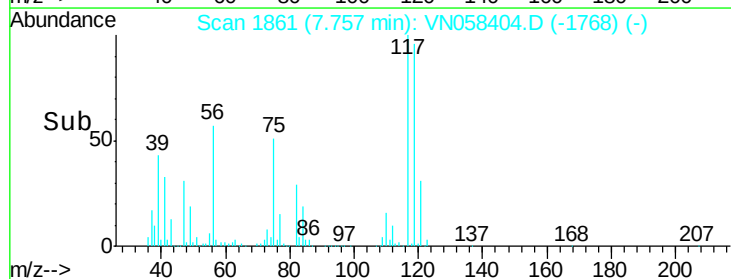
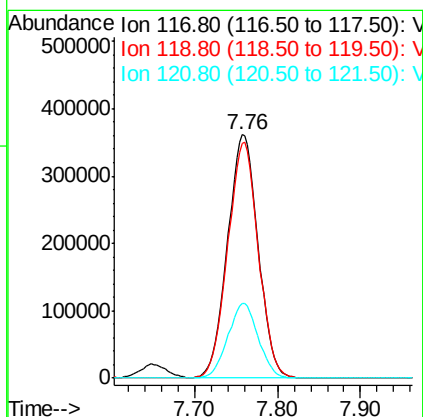
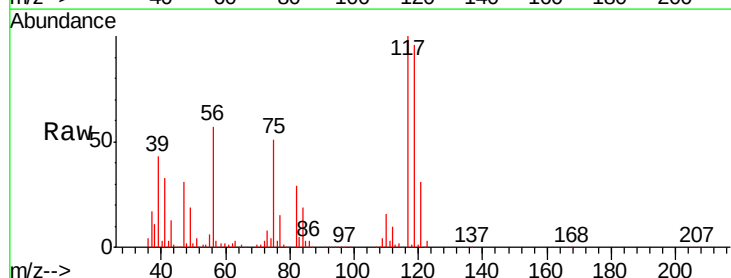
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

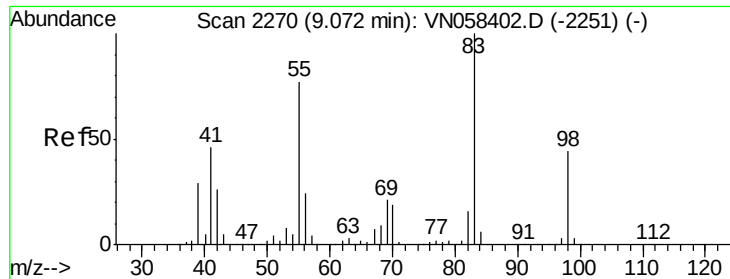
Tgt Ion: 43 Resp: 849709
 Ion Ratio Lower Upper
 43 100
 61 13.6 10.5 15.7
 70 10.0 7.8 11.6



#38
 Carbon Tetrachloride
 Concen: 161.483 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion: 117 Resp: 926142
 Ion Ratio Lower Upper
 117 100
 119 96.5 76.6 115.0
 121 30.8 24.7 37.1

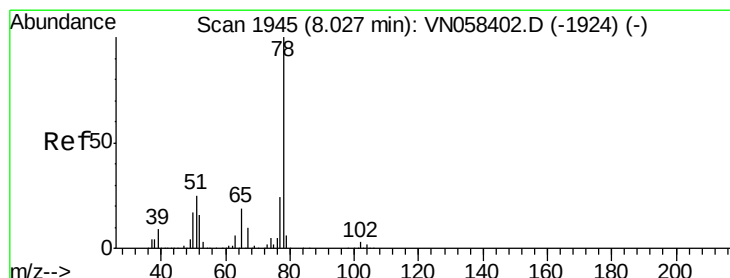
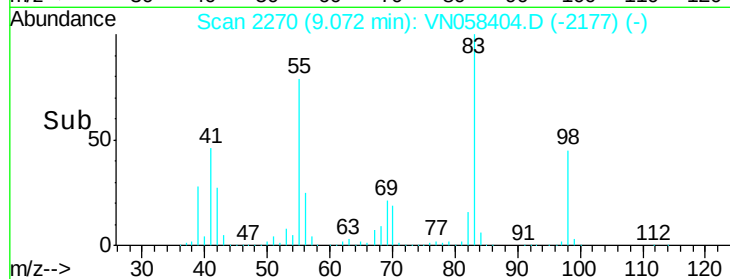
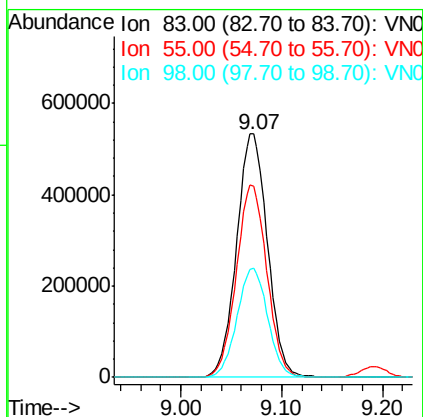
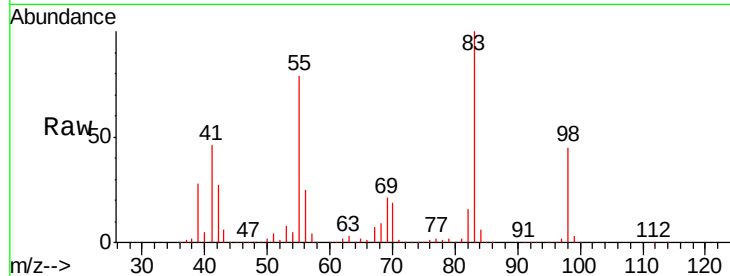




#39
Methylcyclohexane
Concen: 179.342 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

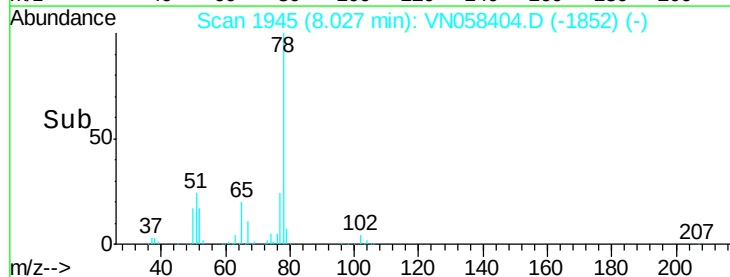
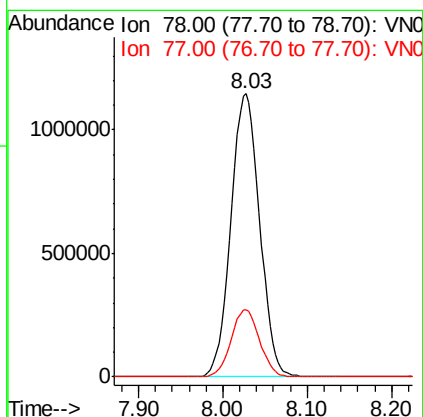
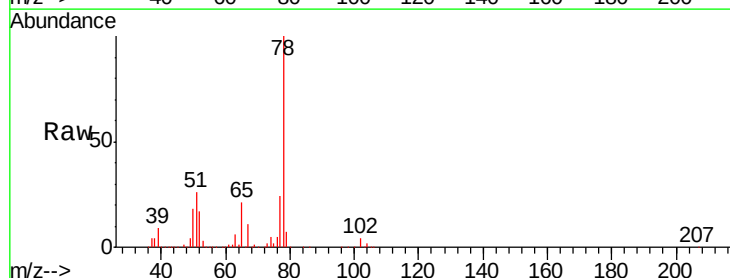
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

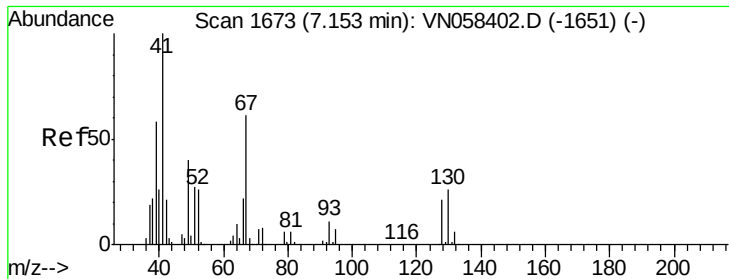
Tgt Ion: 83 Resp: 1131301
Ion Ratio Lower Upper
83 100
55 78.5 61.8 92.6
98 44.7 35.4 53.0



#40
Benzene
Concen: 155.222 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion: 78 Resp: 2718596
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

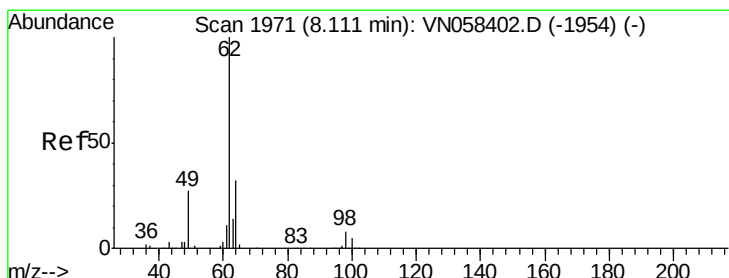
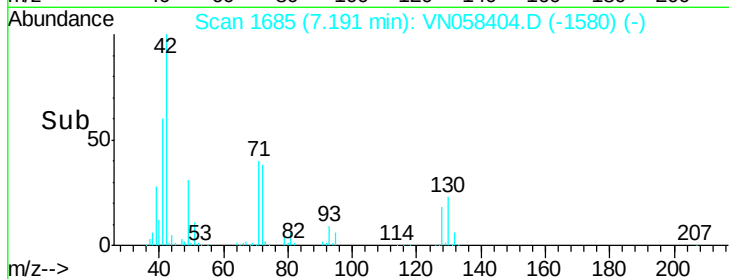
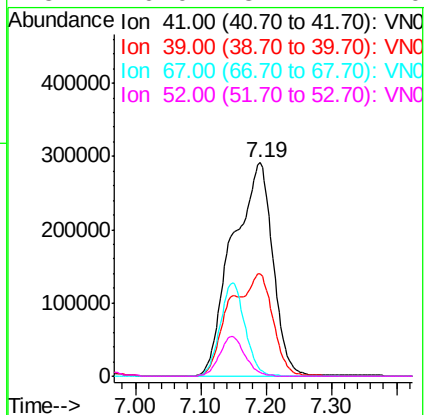
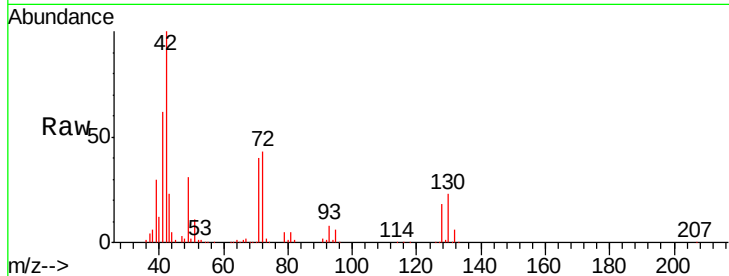




#41
Methacrylonitrile
Concen: 456.493 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.04 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

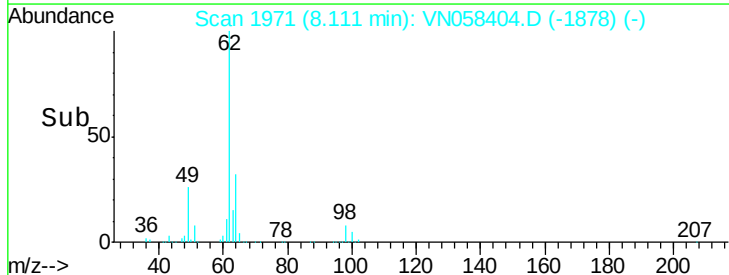
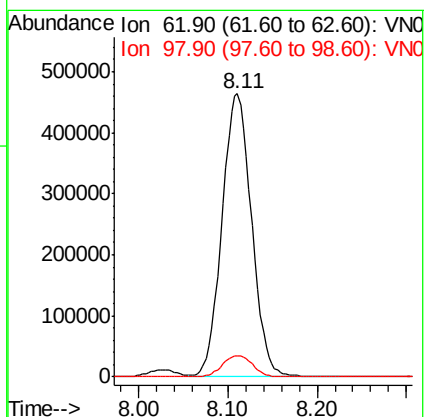
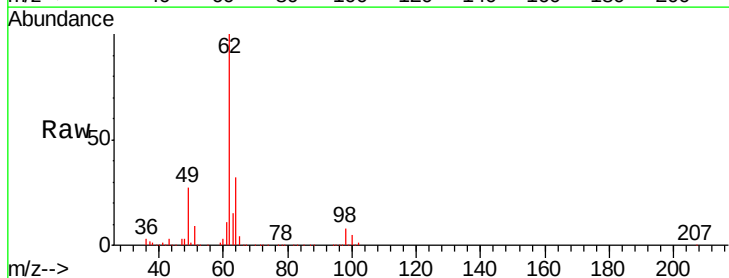
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

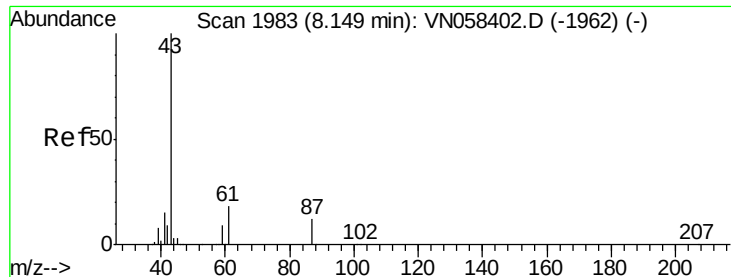
Tgt Ion: 41 Resp: 1248666
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.4#
67 0.0 70.2 105.4#
52 0.0 31.4 47.0#



#42
1,2-Dichloroethane
Concen: 147.343 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion: 62 Resp: 1062659
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.6





#43

Isopropyl Acetate

Concen: 140.030 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

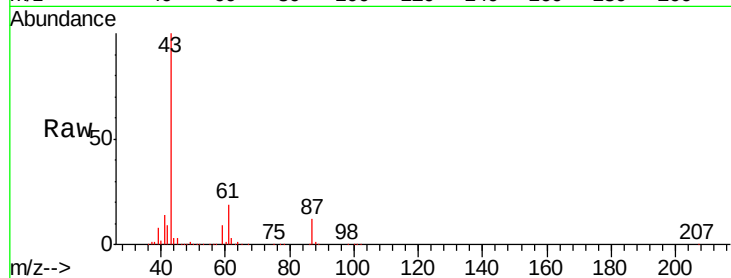
Tgt Ion: 43 Resp: 1505931

Ion Ratio Lower Upper

43 100

61 25.8 14.8 22.2#

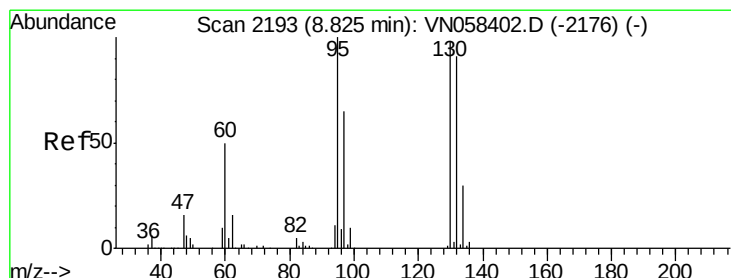
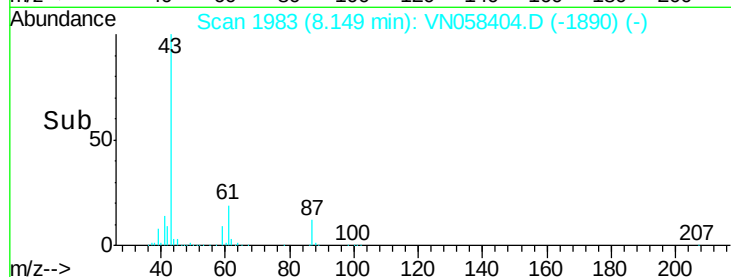
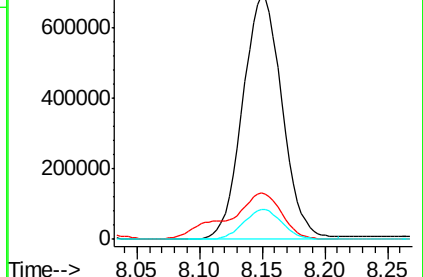
87 12.0 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VN058404.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058404.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058404.D (-1890) (-)



#44

Trichloroethene

Concen: 159.533 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058404.D

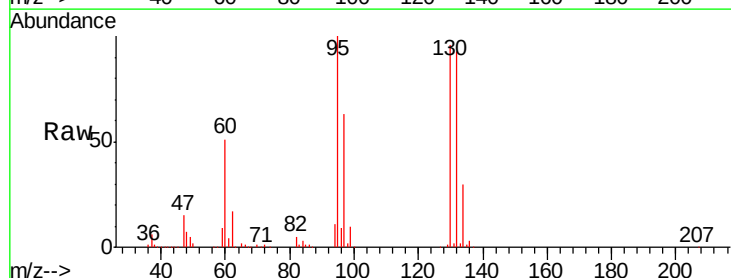
Acq: 27 Sep 2019 13:01

Tgt Ion: 130 Resp: 685061

Ion Ratio Lower Upper

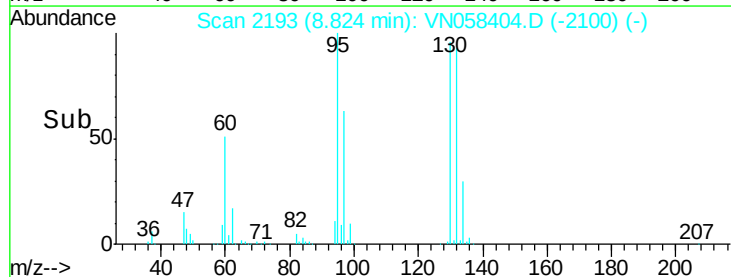
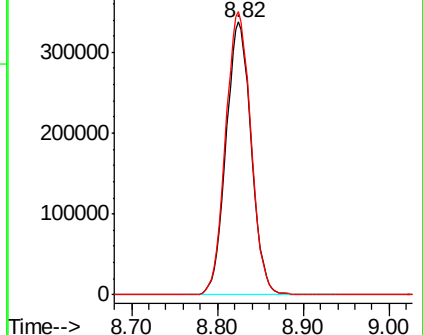
130 100

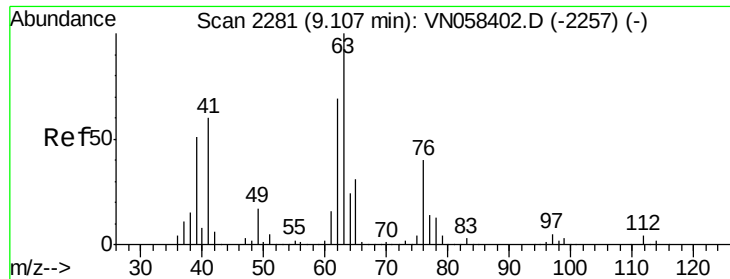
95 103.8 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058404.D (-2100) (-)

Ion 94.90 (94.60 to 95.60): VN058404.D (-2100) (-)

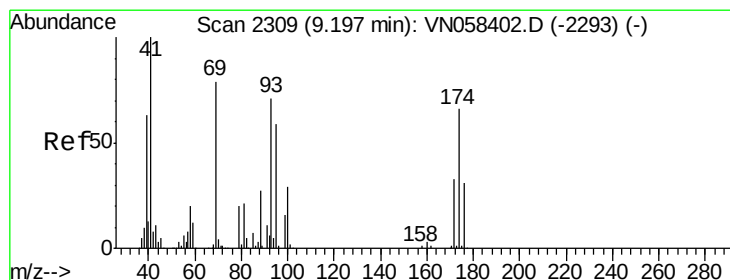
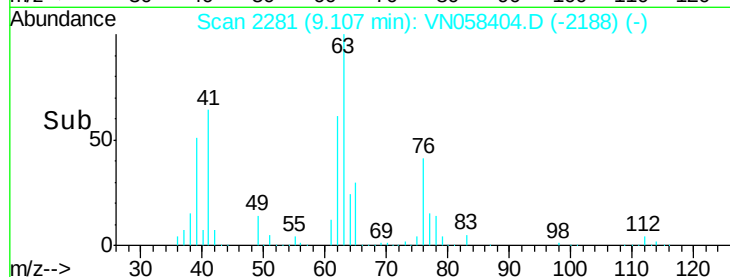
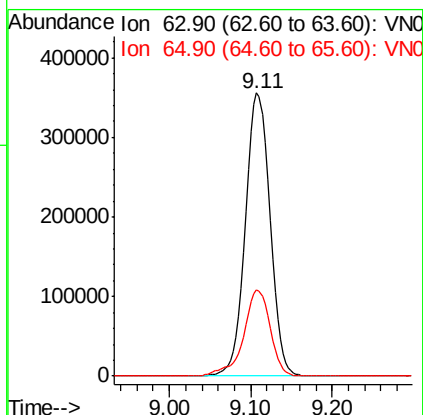
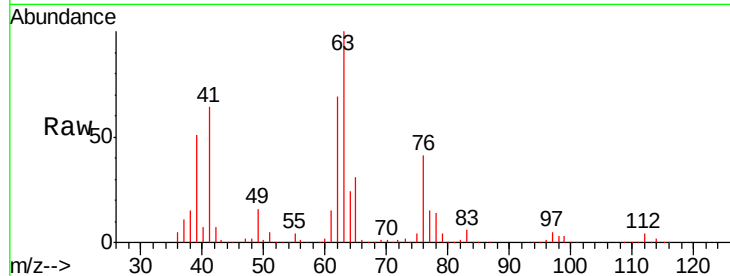




#45
 1,2-Dichloropropane
 Concen: 144.698 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

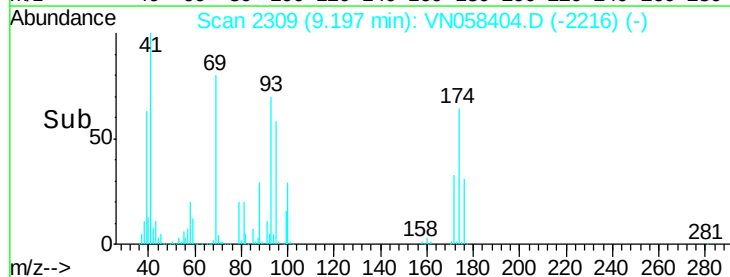
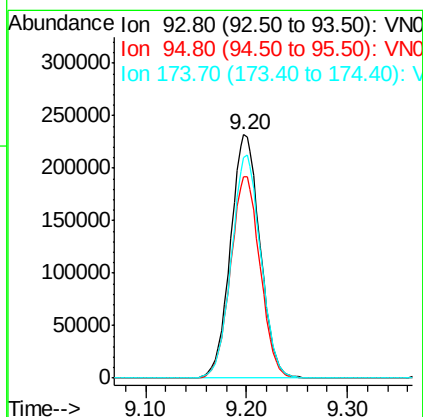
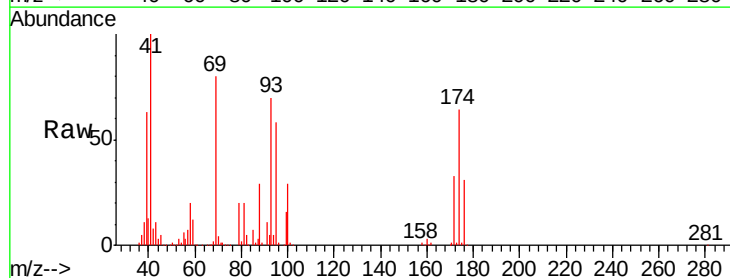
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

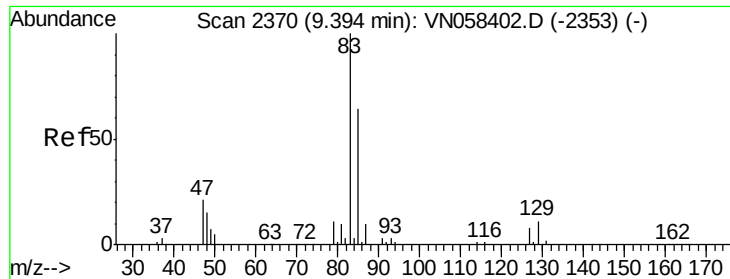
Tgt Ion: 63 Resp: 737554
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4



#46
 Dibromomethane
 Concen: 151.214 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion: 93 Resp: 472449
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.0 100.4
 174 91.0 74.2 111.2





#47

Bromodichloromethane

Concen: 151.015 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

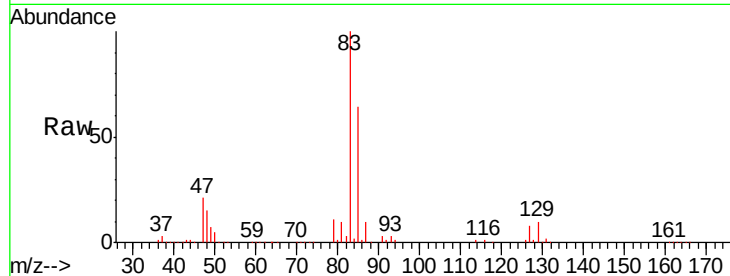
Tgt Ion: 83 Resp: 971138

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8

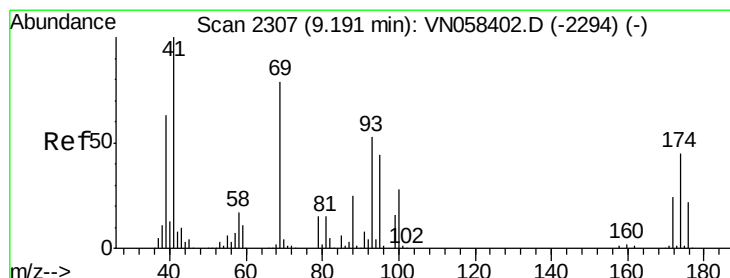
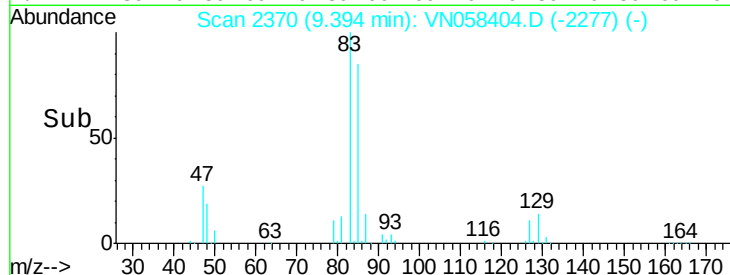
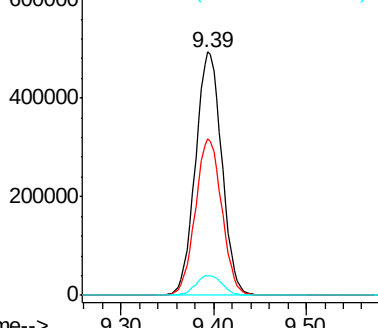
127 8.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 146.791 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

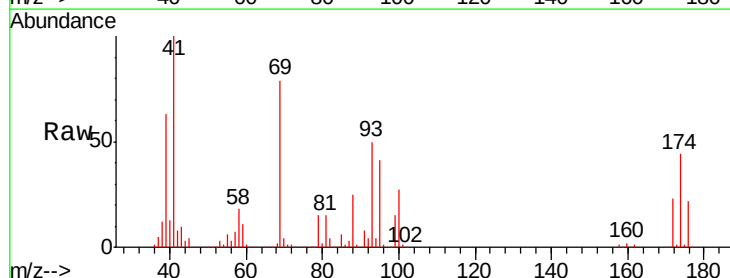
Tgt Ion: 41 Resp: 715833

Ion Ratio Lower Upper

41 100

69 81.5 64.7 97.1

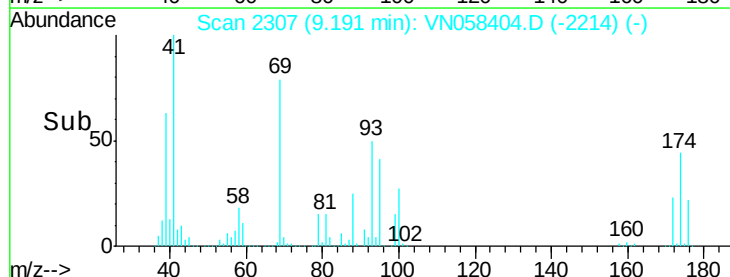
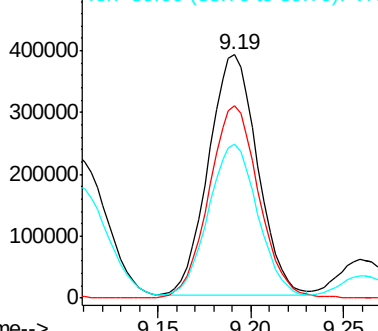
39 65.2 52.9 79.3

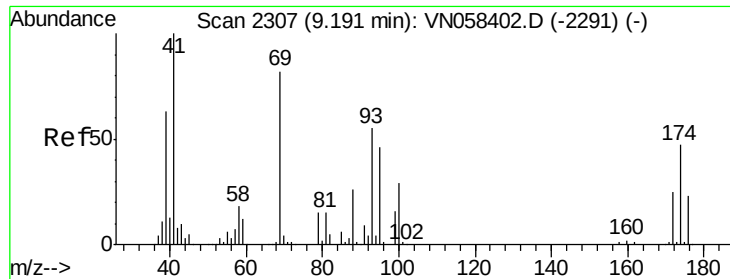


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

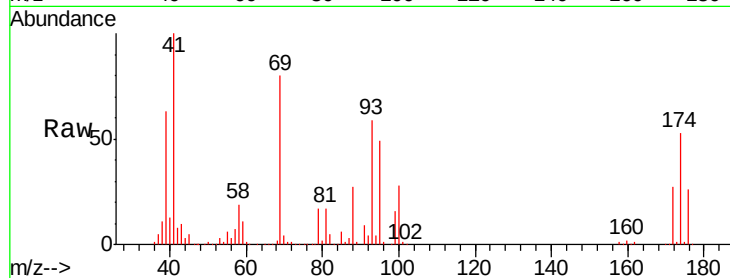




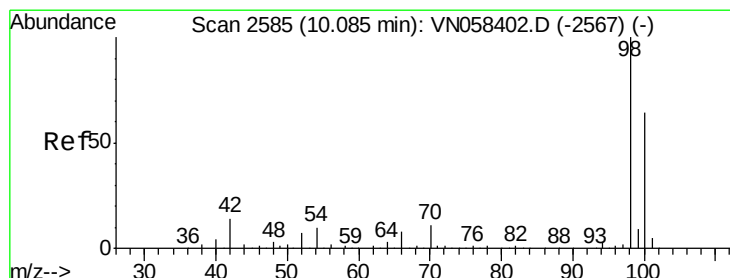
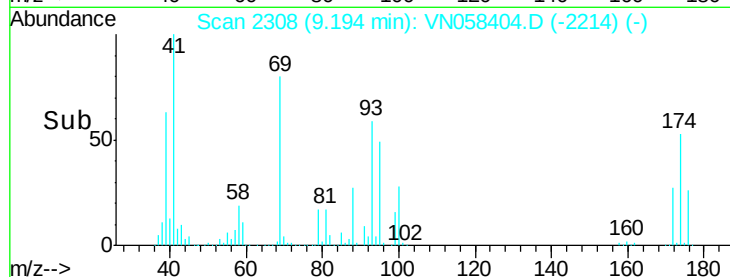
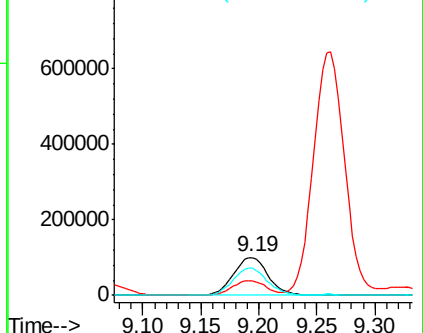
#49
1,4-Dioxane
Concen: 2681.589 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 207473
Ion Ratio Lower Upper
88 100
43 37.0 31.1 46.7
58 71.3 58.1 87.1

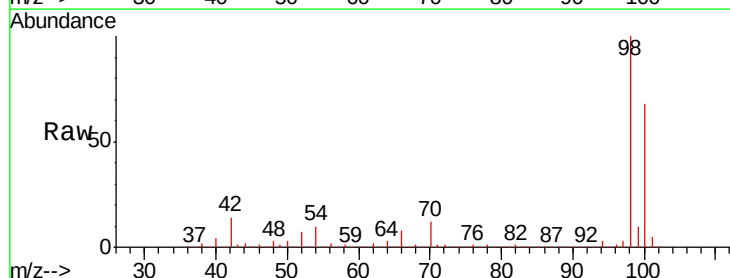


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

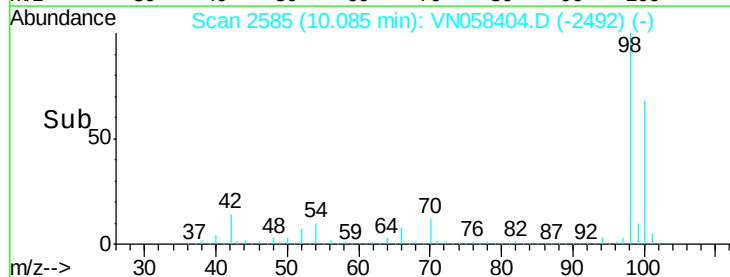
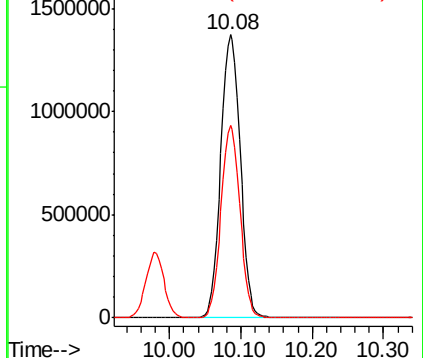


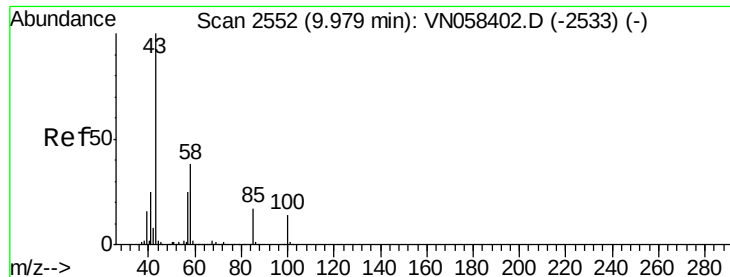
#50
Toluene-d8
Concen: 146.214 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion: 98 Resp: 2612762
Ion Ratio Lower Upper
98 100
100 65.7 51.0 76.6



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

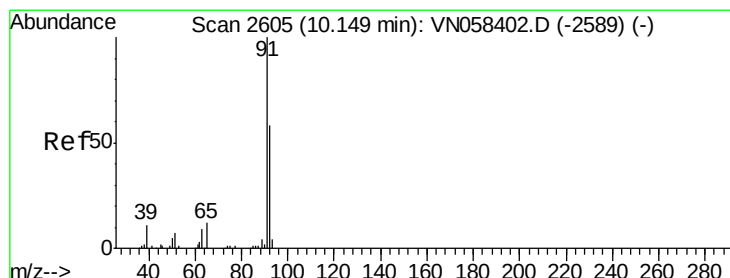
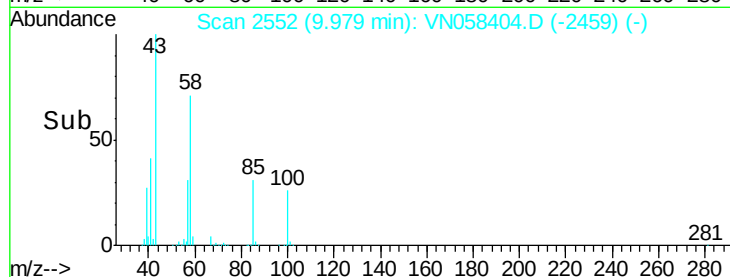
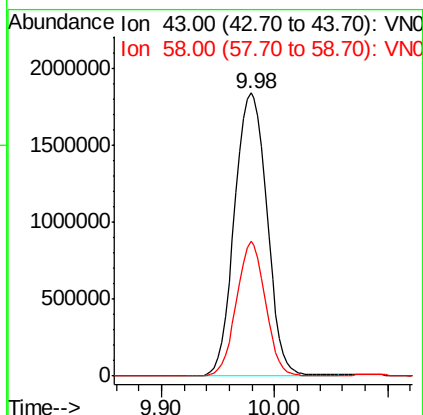
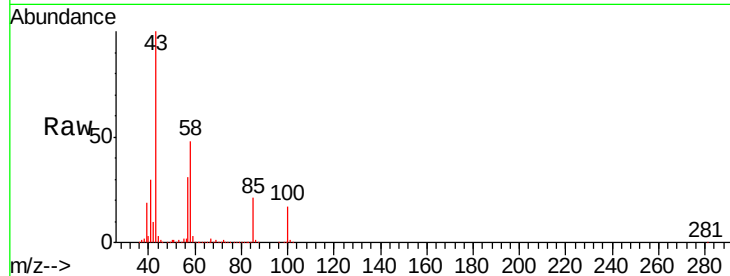




#51
 4-Methyl-2-Pentanone
 Concen: 653.236 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

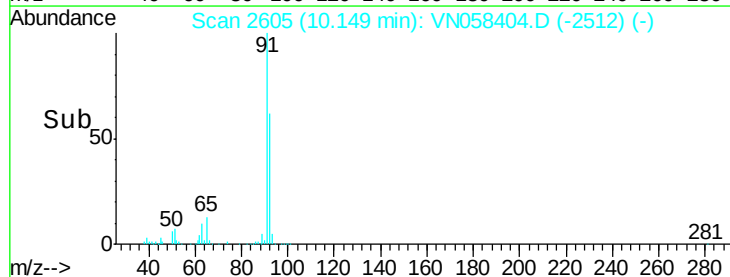
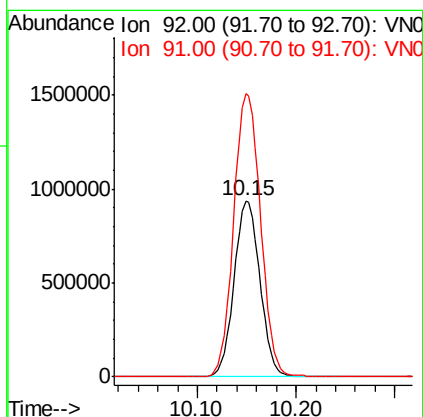
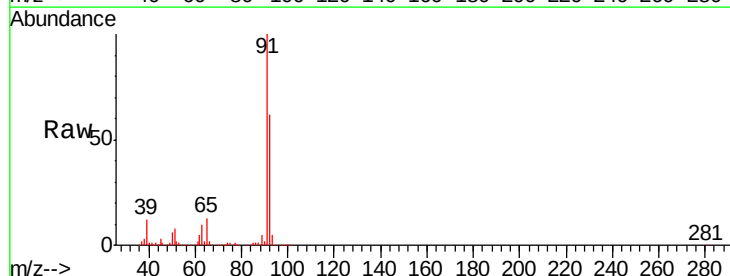
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

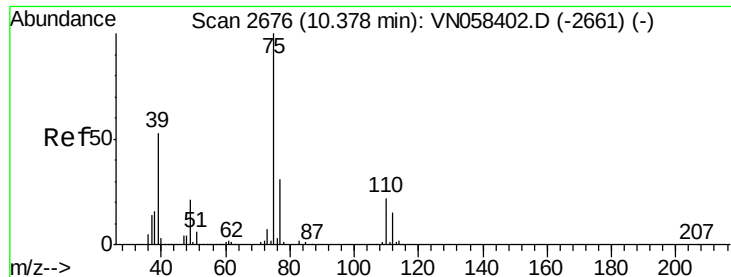
Tgt Ion: 43 Resp: 3690633
 Ion Ratio Lower Upper
 43 100
 58 42.6 30.2 45.2



#52
 Toluene
 Concen: 156.646 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion: 92 Resp: 1707216
 Ion Ratio Lower Upper
 92 100
 91 167.8 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 164.944 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

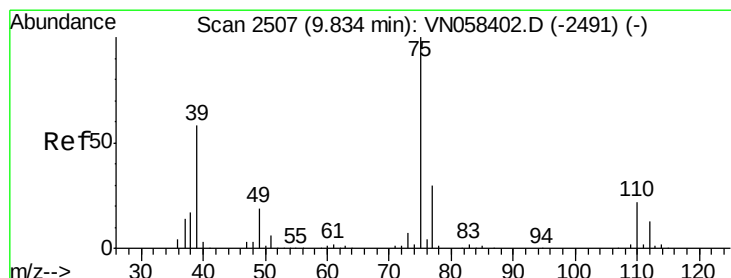
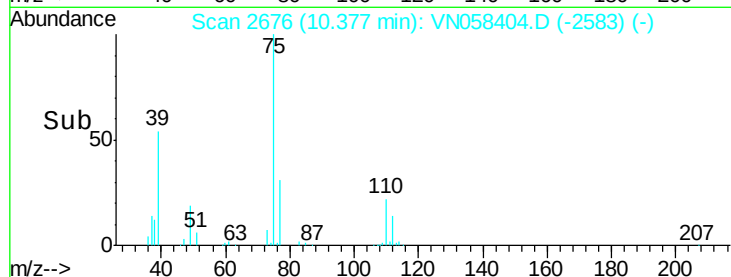
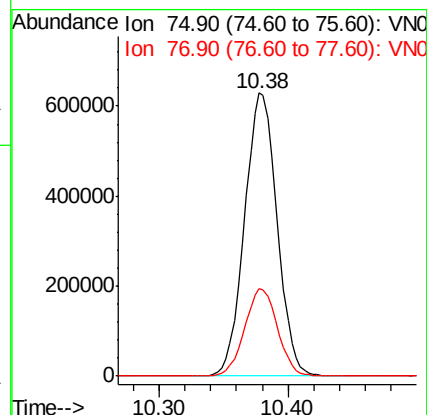
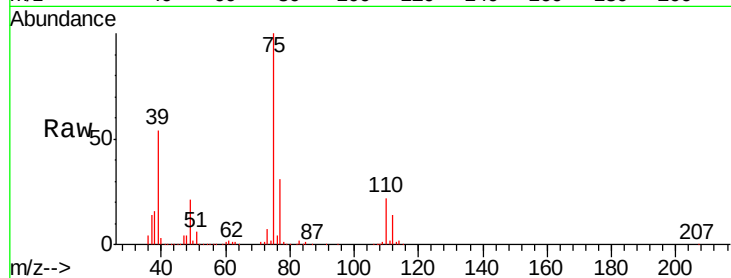
VSTDIC150

Tgt Ion: 75 Resp: 1102025

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 161.405 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

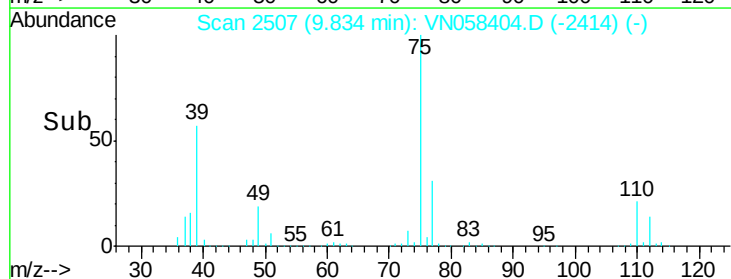
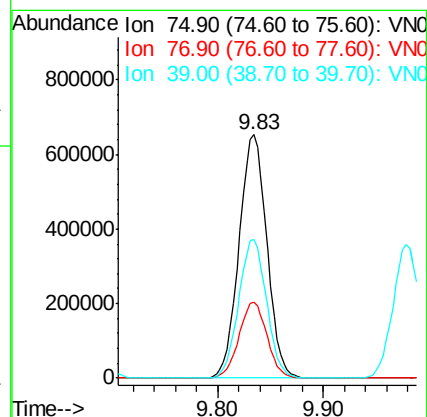
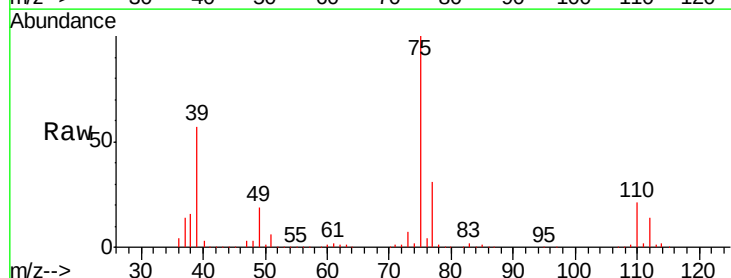
Tgt Ion: 75 Resp: 1193828

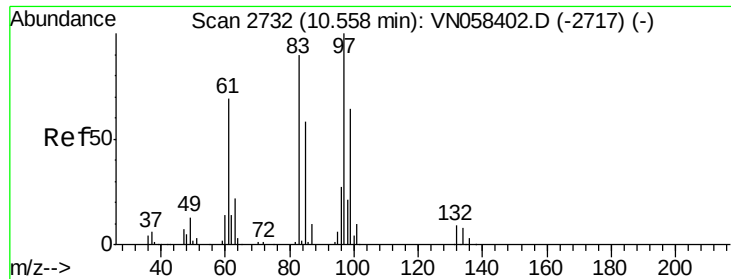
Ion Ratio Lower Upper

75 100

77 31.2 24.2 36.4

39 56.8 46.4 69.6

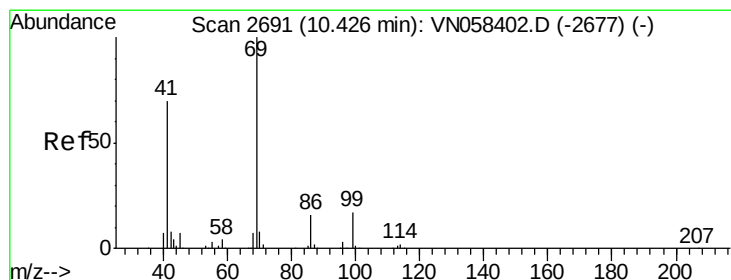
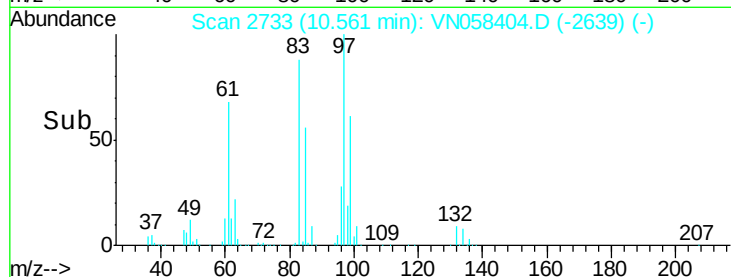
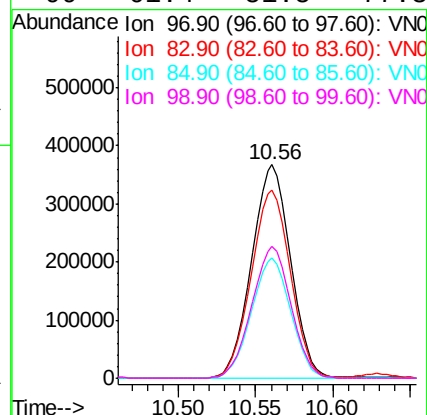
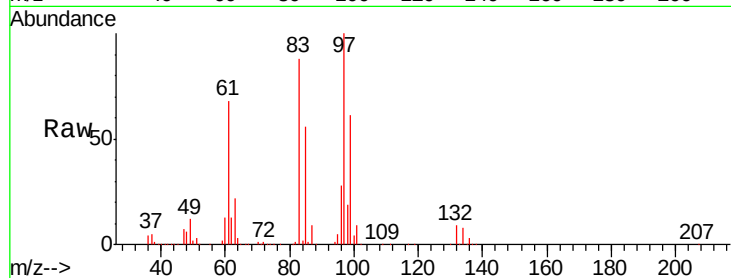




#55
 1,1,2-Trichloroethane
 Concen: 138.069 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

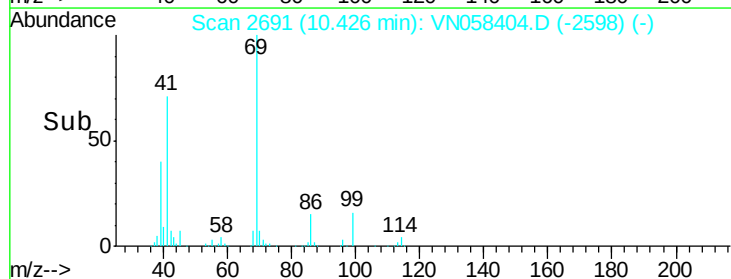
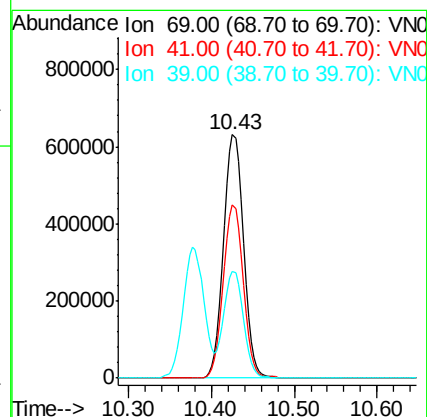
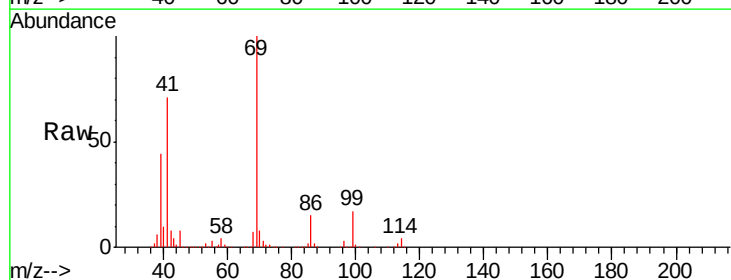
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

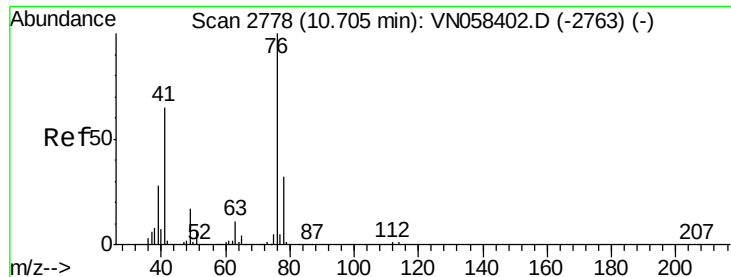
Tgt Ion: 97 Resp: 645316
 Ion Ratio Lower Upper
 97 100
 83 87.9 71.8 107.6
 85 56.4 46.6 69.8
 99 61.4 51.5 77.3



#56
 Ethyl methacrylate
 Concen: 155.445 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion: 69 Resp: 1055539
 Ion Ratio Lower Upper
 69 100
 41 70.2 56.3 84.5
 39 43.4 35.8 53.6

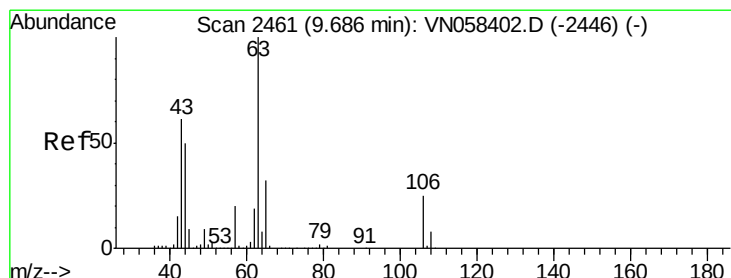
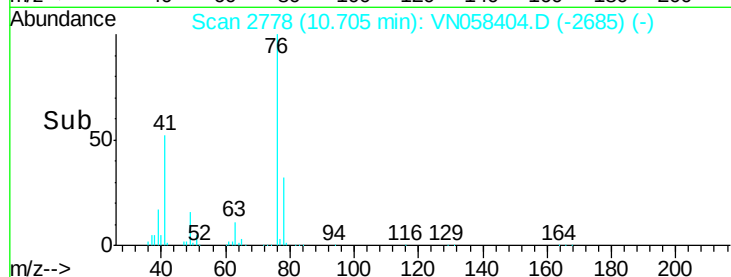
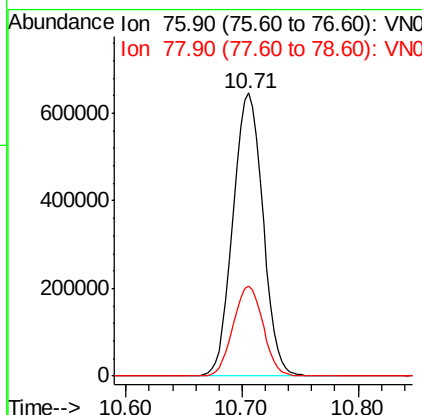
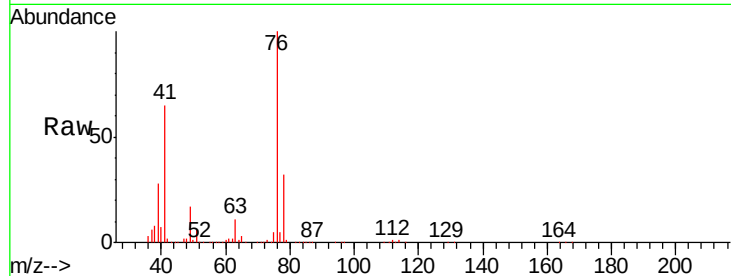




#57
 1,3-Dichloropropane
 Concen: 142.223 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

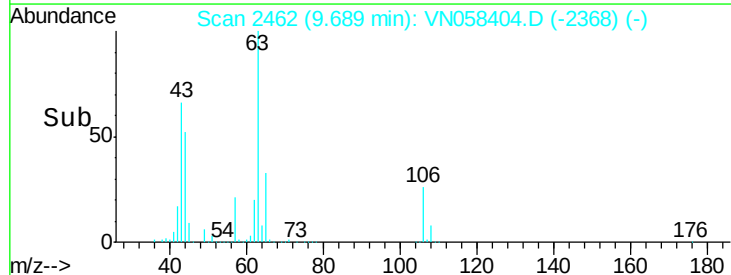
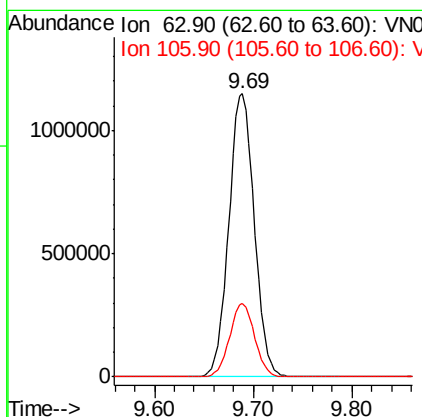
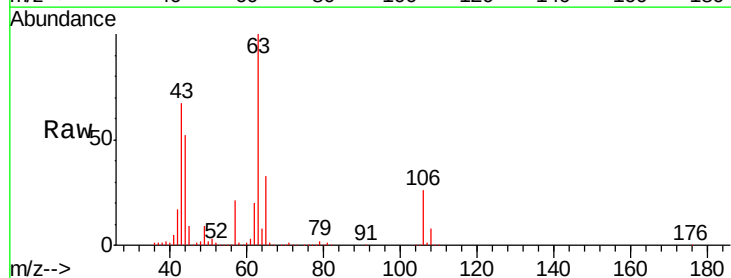
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

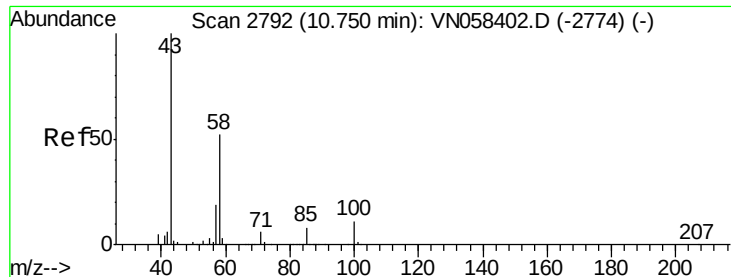
Tgt Ion: 76 Resp: 1151922
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 666.554 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion: 63 Resp: 2071624
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.3 30.5

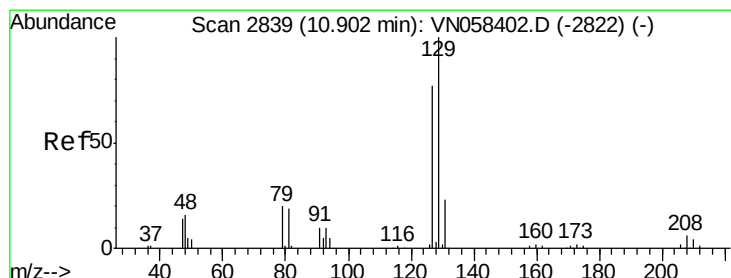
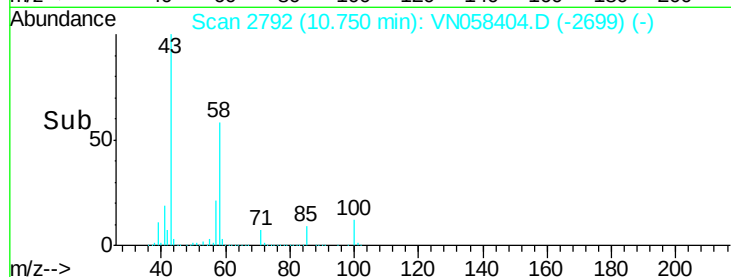
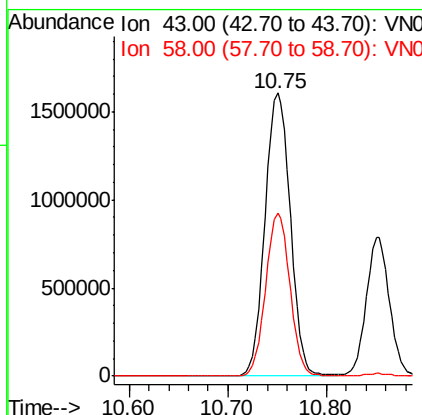
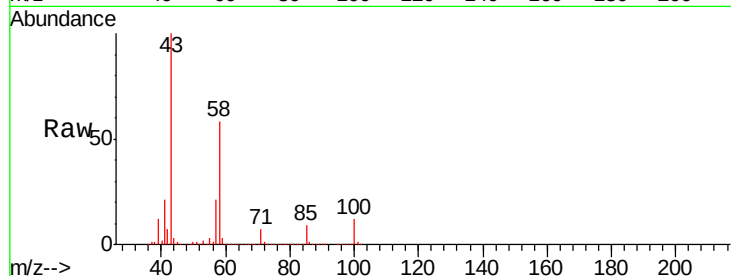




#59
2-Hexanone
Concen: 678.202 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

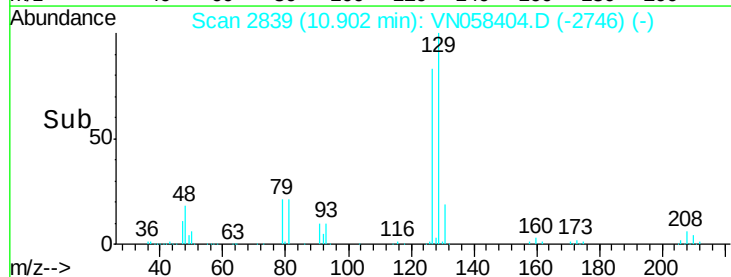
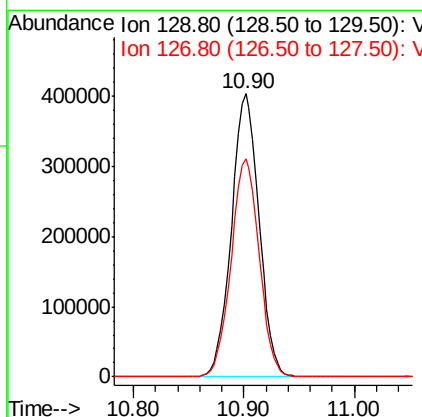
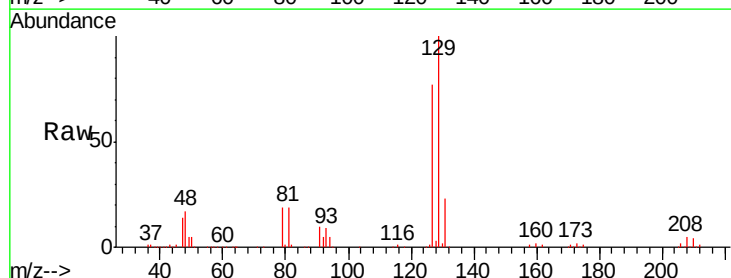
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

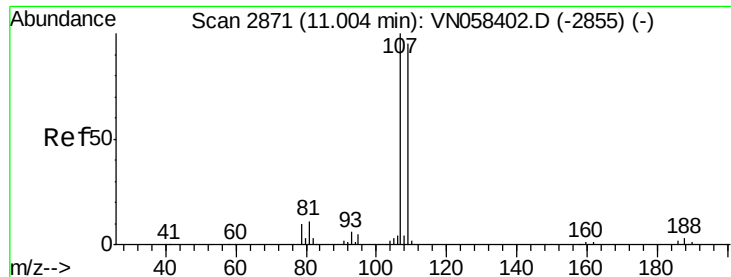
Tgt Ion: 43 Resp: 2838732
Ion Ratio Lower Upper
43 100
58 55.2 25.8 77.3



#60
Dibromochloromethane
Concen: 155.574 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion: 129 Resp: 699932
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.8

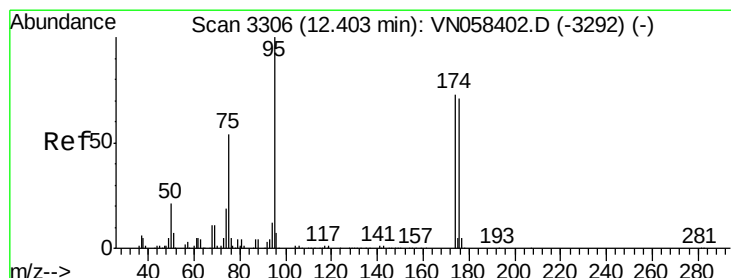
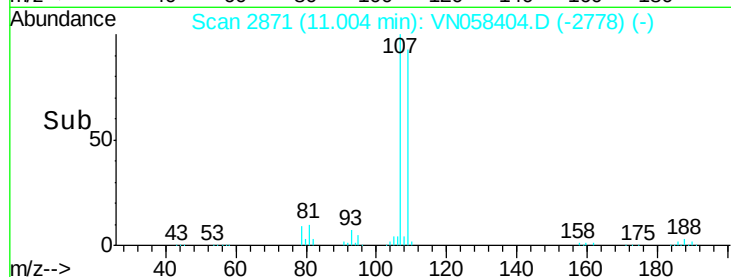
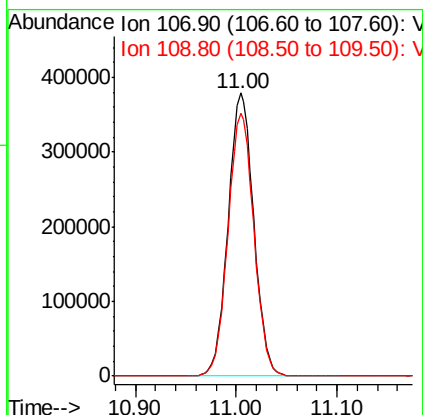
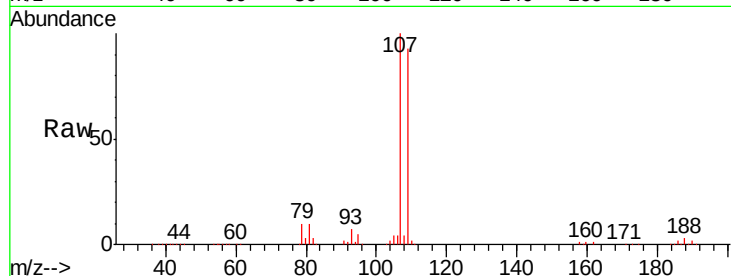




#61
 1,2-Dibromoethane
 Concen: 151.695 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

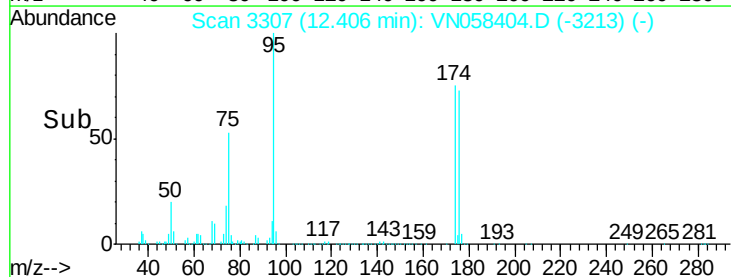
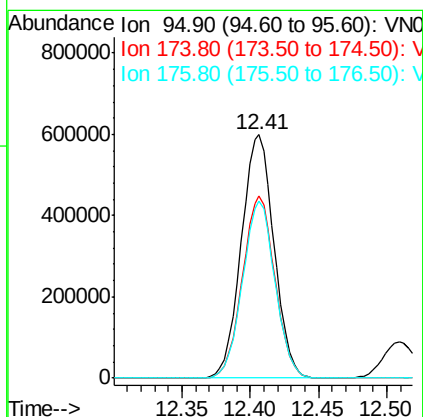
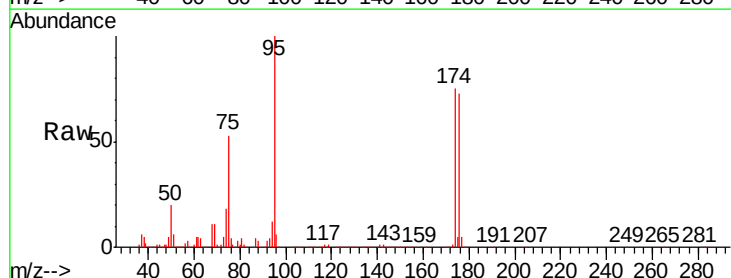
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

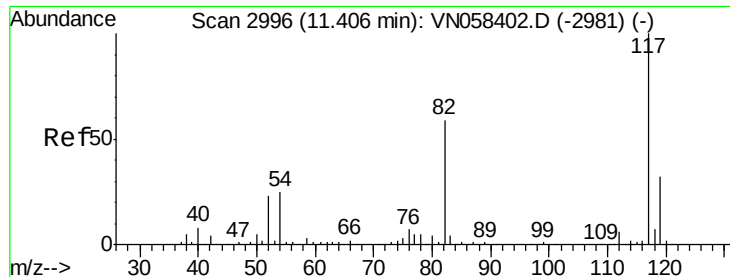
Tgt Ion: 107 Resp: 670466
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 150.018 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion: 95 Resp: 992909
 Ion Ratio Lower Upper
 95 100
 174 74.4 0.0 150.6
 176 72.4 0.0 146.2

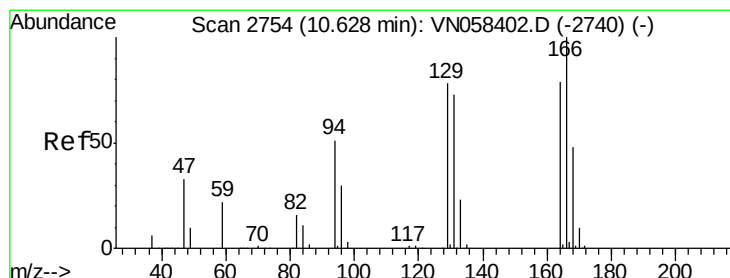
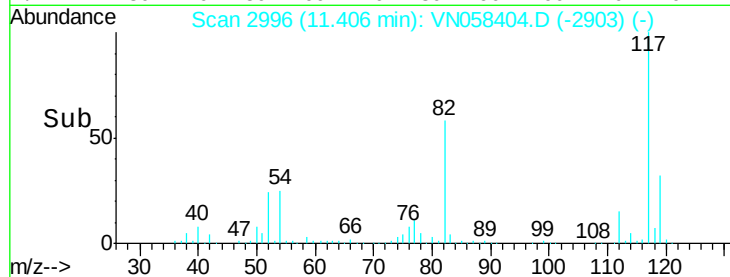
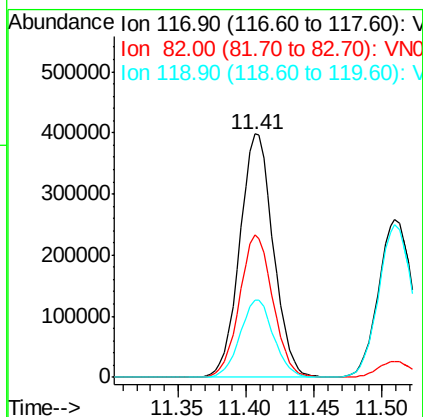
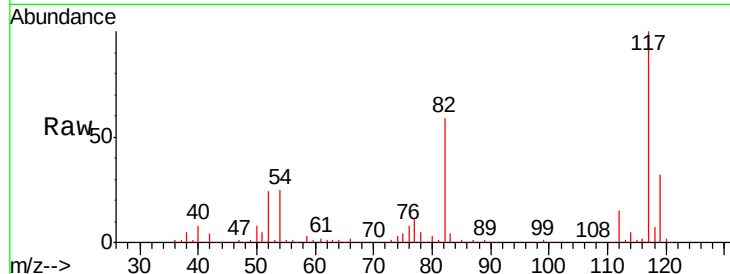




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

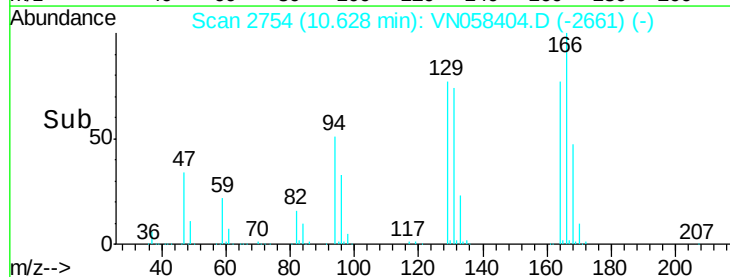
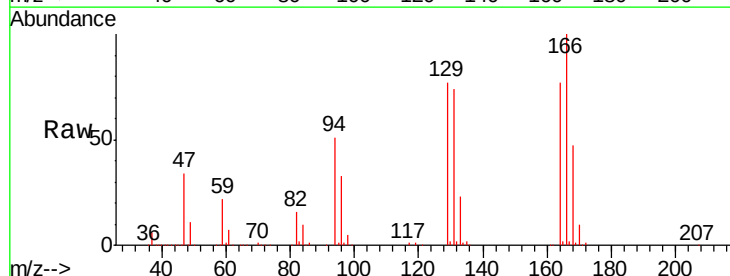
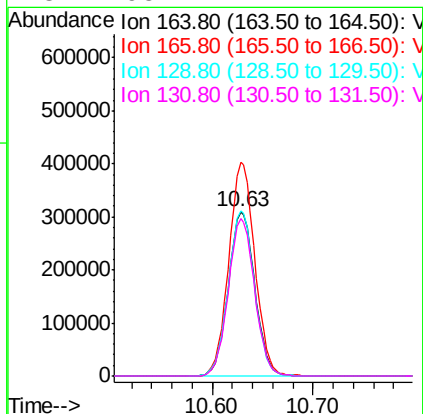
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

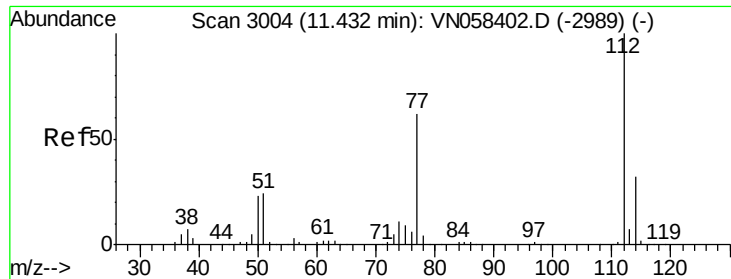
Tgt Ion:117 Resp: 680492
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 160.760 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion:164 Resp: 566380
Ion Ratio Lower Upper
164 100
166 130.0 101.1 151.7
129 100.7 79.2 118.8
131 95.7 74.1 111.1

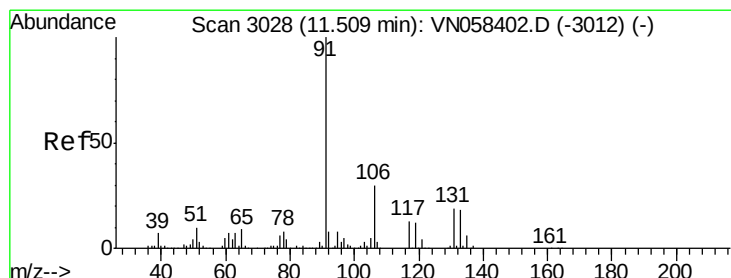
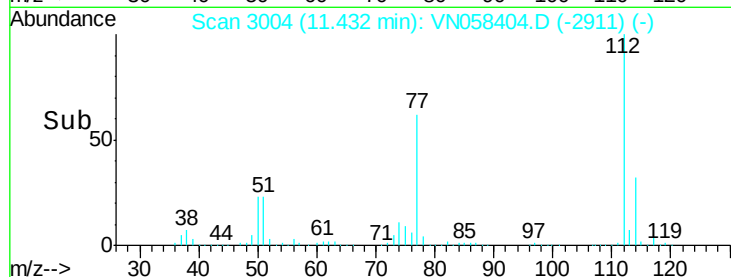
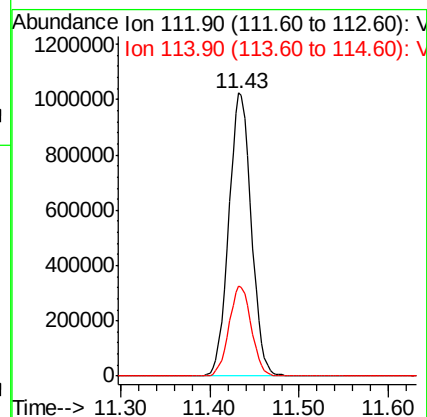
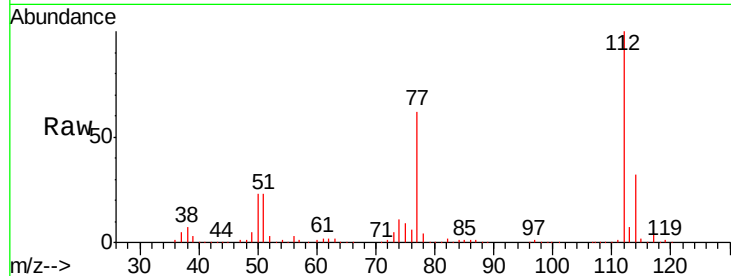




#65
Chlorobenzene
Concen: 144.421 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

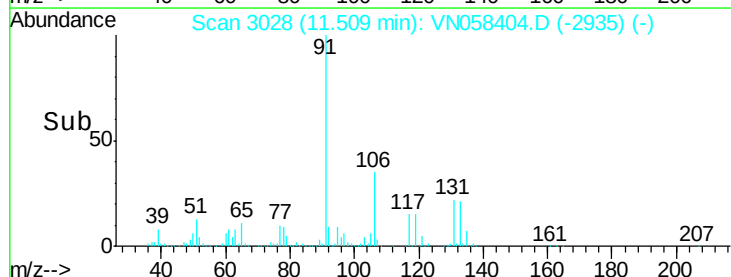
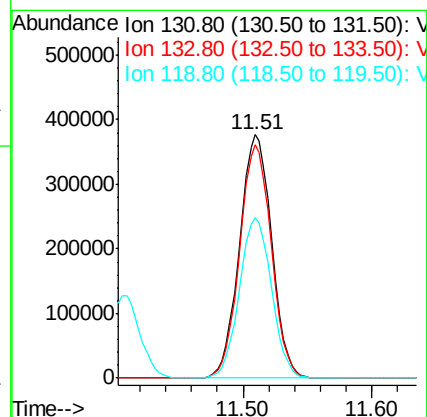
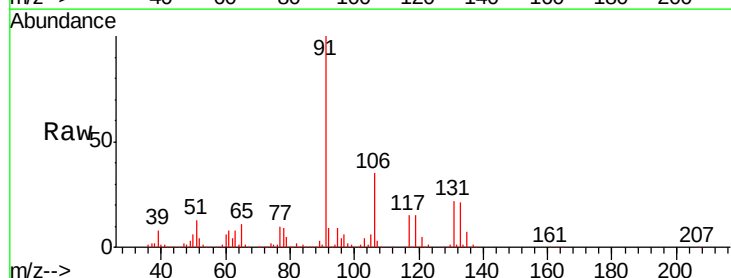
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

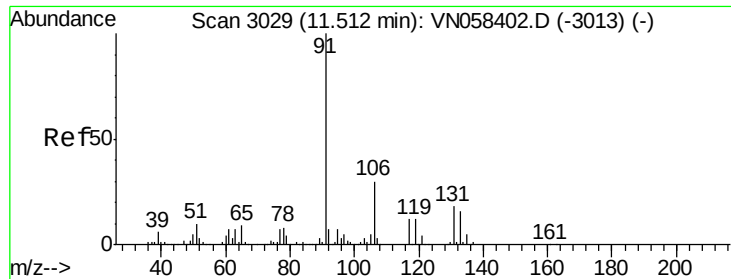
Tgt Ion:112 Resp: 1781163
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 148.216 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion:131 Resp: 652626
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.3
119 66.0 33.0 99.0

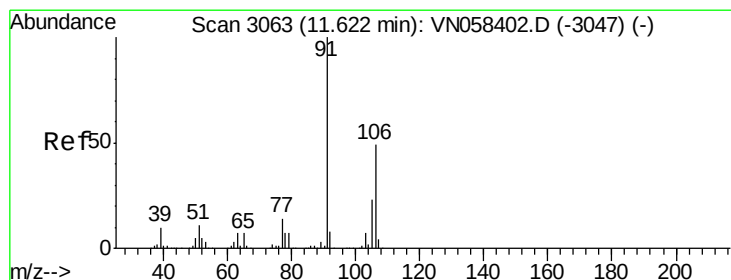
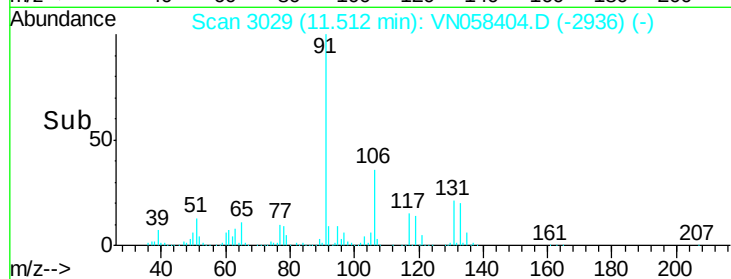
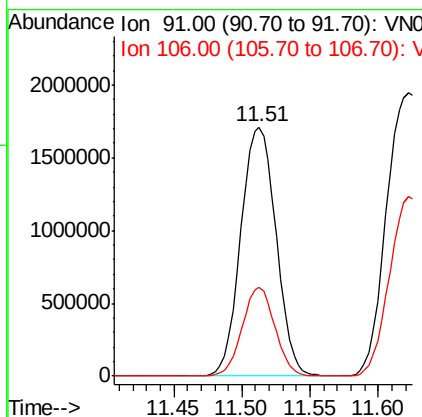
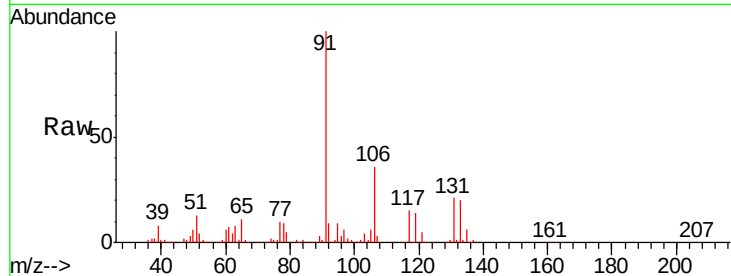




#67
Ethyl Benzene
Concen: 144.268 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

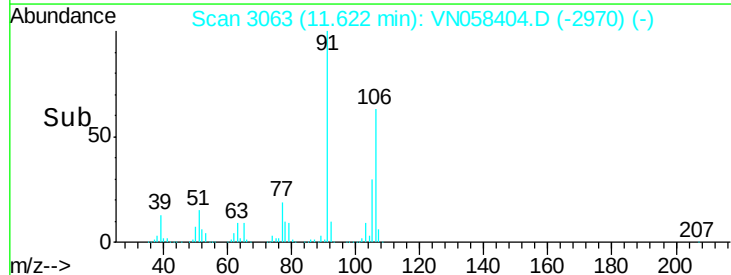
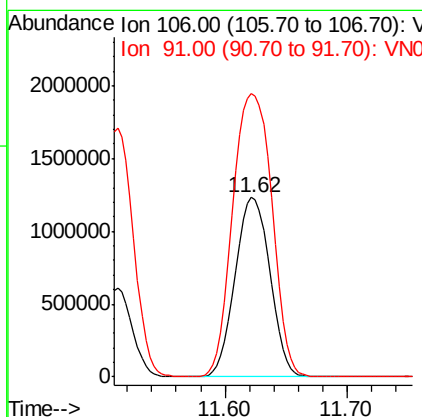
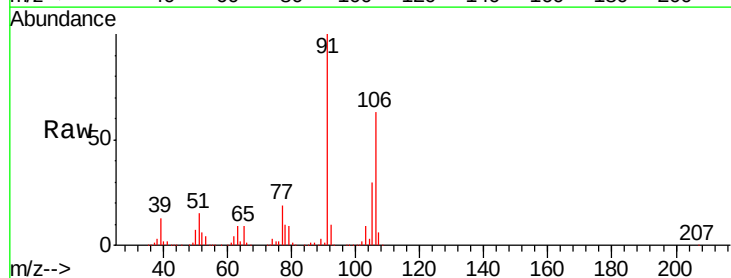
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

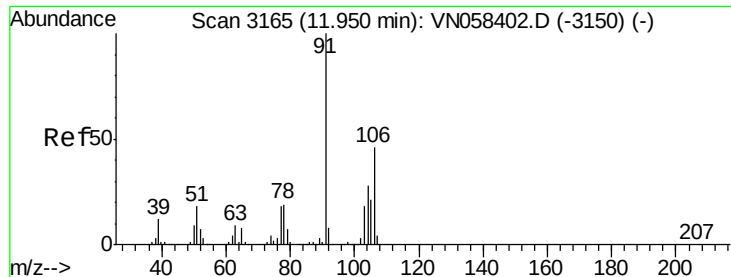
Tgt Ion: 91 Resp: 3074023
Ion Ratio Lower Upper
91 100
106 35.8 24.3 36.5



#68
m/p-Xylenes
Concen: 303.440 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion: 106 Resp: 2438318
Ion Ratio Lower Upper
106 100
91 178.0 165.0 247.4

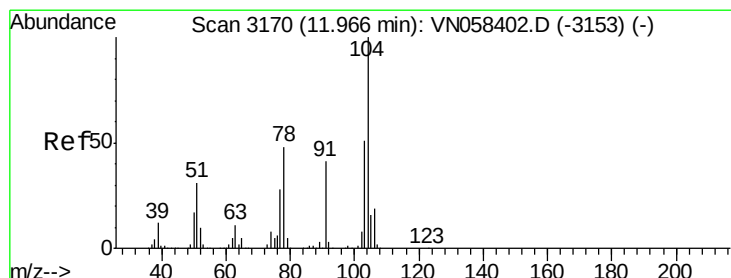
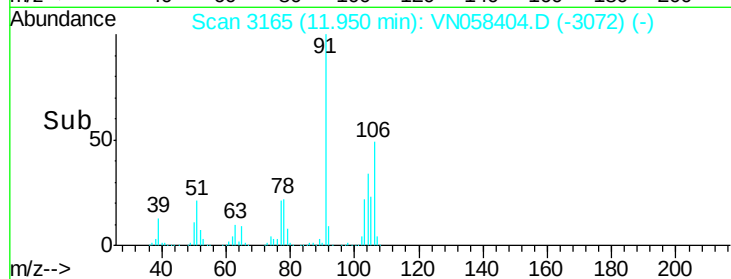
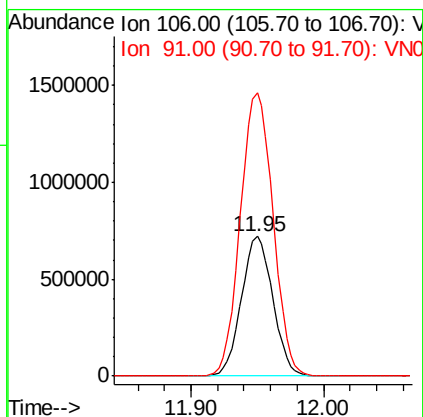
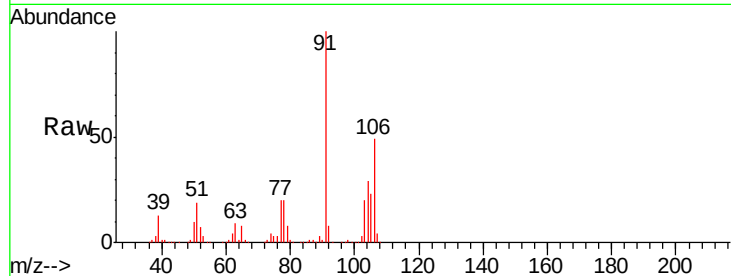




#69
o-Xylene
Concen: 150.621 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

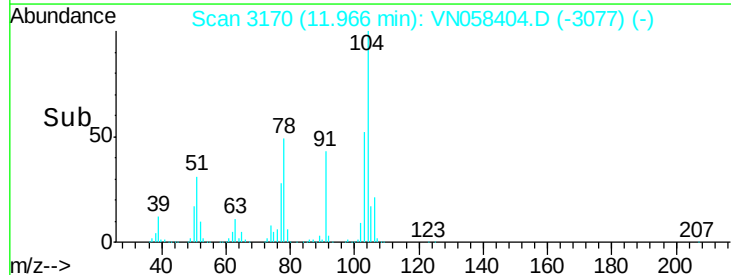
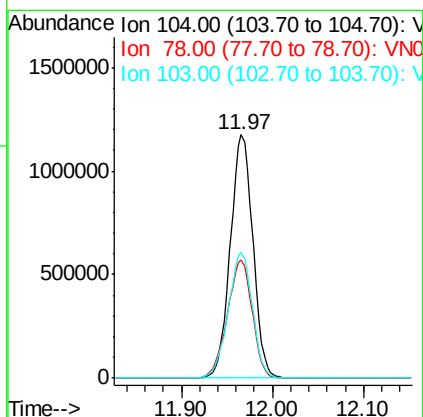
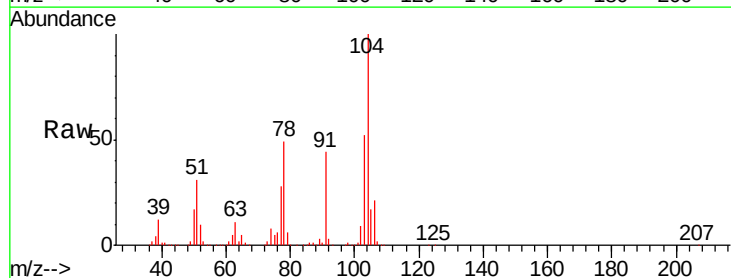
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

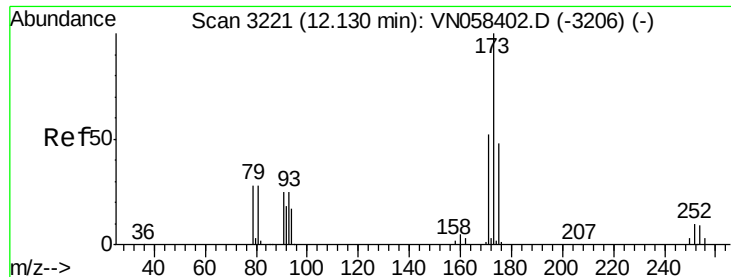
Tgt Ion:106 Resp: 1183930
Ion Ratio Lower Upper
106 100
91 211.8 109.1 327.4



#70
Styrene
Concen: 151.222 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion:104 Resp: 2025799
Ion Ratio Lower Upper
104 100
78 53.4 42.8 64.2
103 55.5 43.7 65.5





#71

Bromoform

Concen: 165.509 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

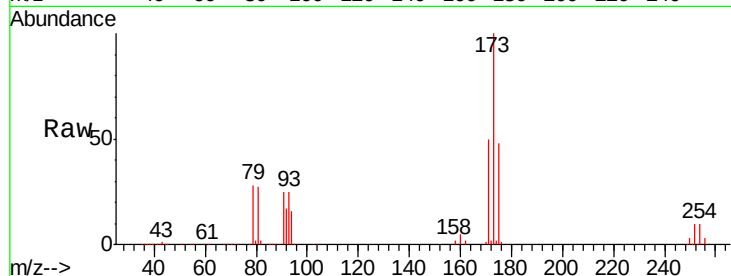
Tgt Ion:173 Resp: 458818

Ion Ratio Lower Upper

173 100

175 47.6 24.3 73.0

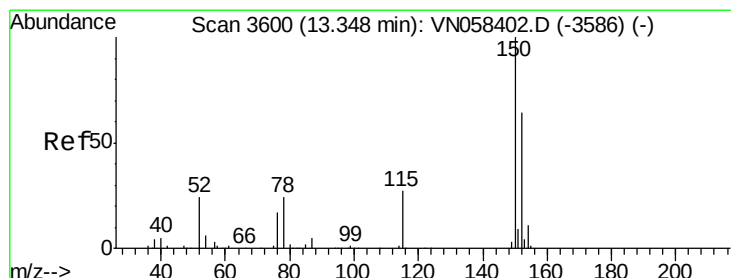
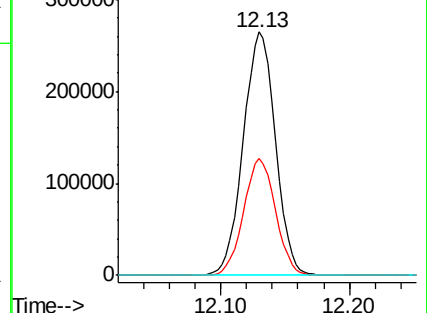
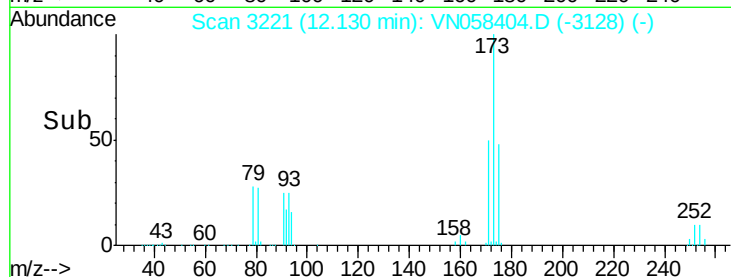
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

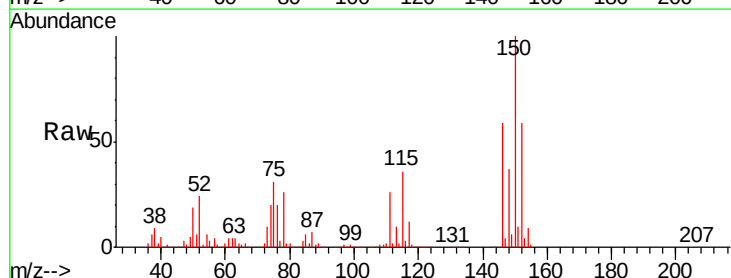
Tgt Ion:152 Resp: 328002

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

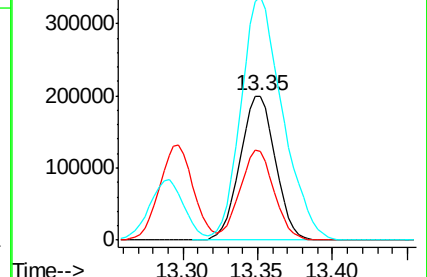
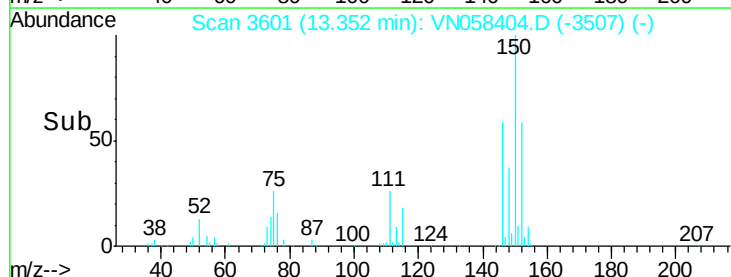
150 199.2 0.0 348.2

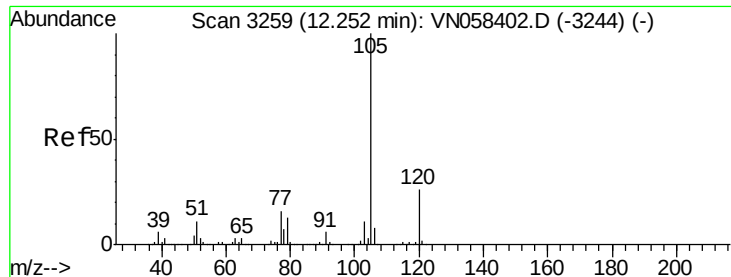


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 140.805 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

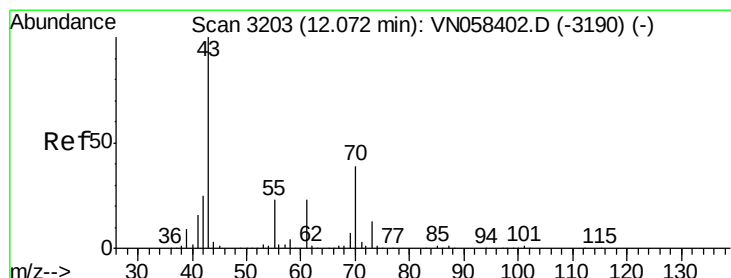
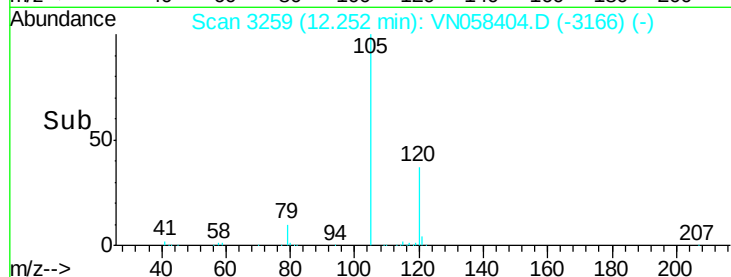
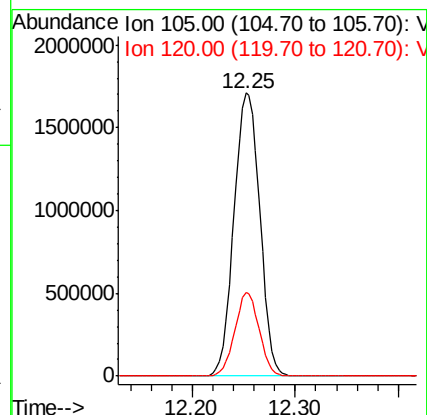
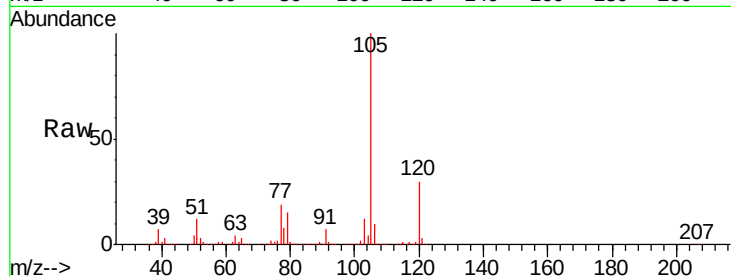
VSTDIC150

Tgt Ion:105 Resp: 2988771

Ion Ratio Lower Upper

105 100

120 27.7 12.8 38.4



#74

N-amyl acetate

Concen: 155.212 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Tgt Ion: 43 Resp: 1362082

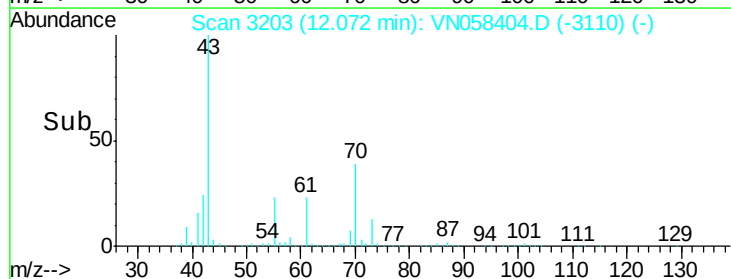
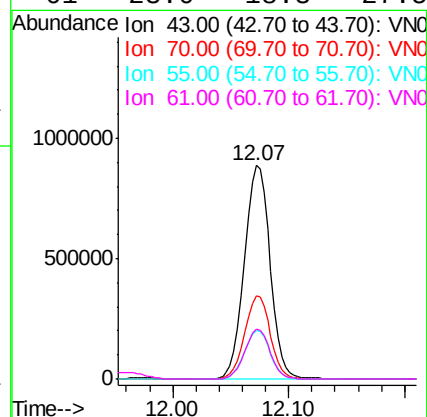
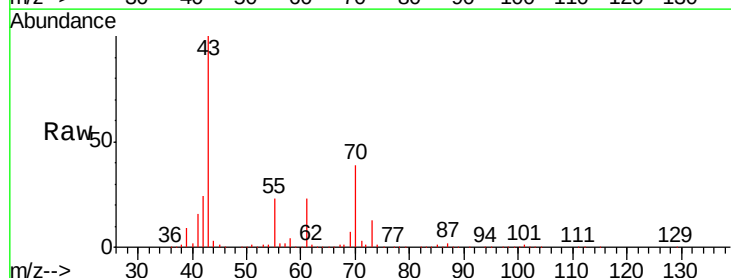
Ion Ratio Lower Upper

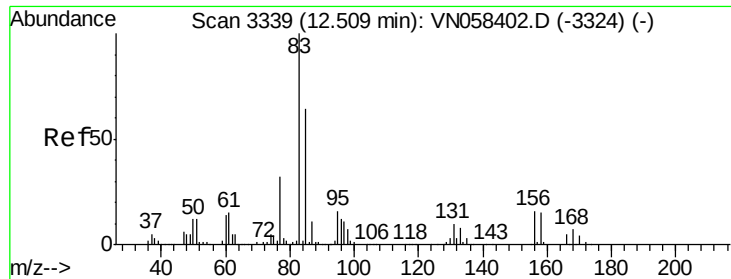
43 100

70 38.9 31.4 47.2

55 22.7 18.2 27.4

61 23.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 131.776 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

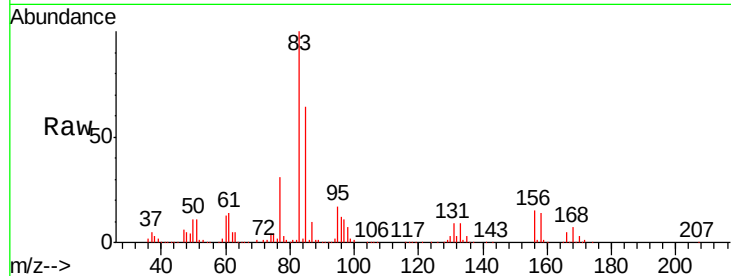
Tgt Ion: 83 Resp: 912809

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

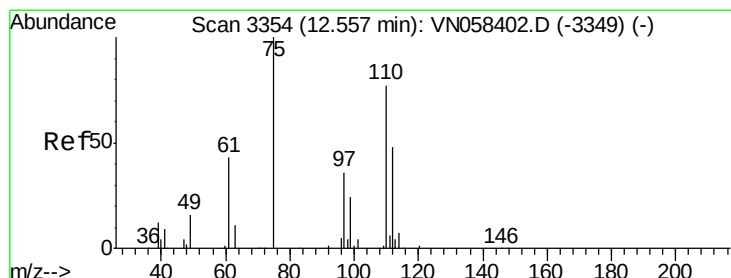
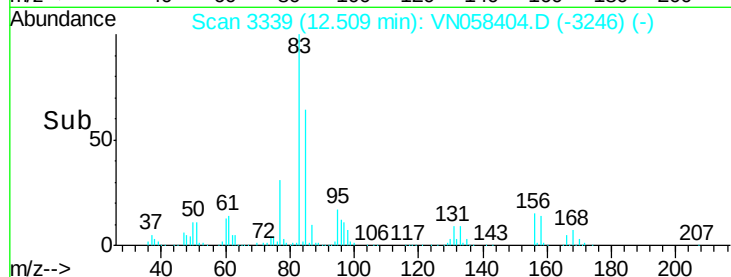
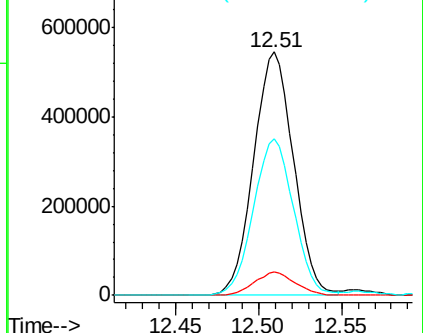
85 64.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 201.716 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN058404.D

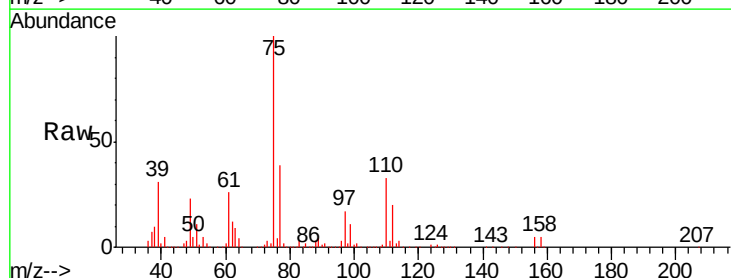
Acq: 27 Sep 2019 13:01

Tgt Ion: 75 Resp: 1201045

Ion Ratio Lower Upper

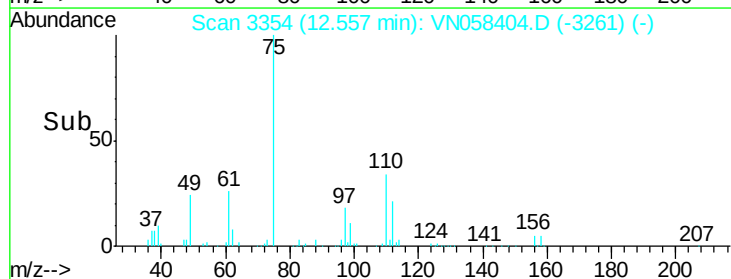
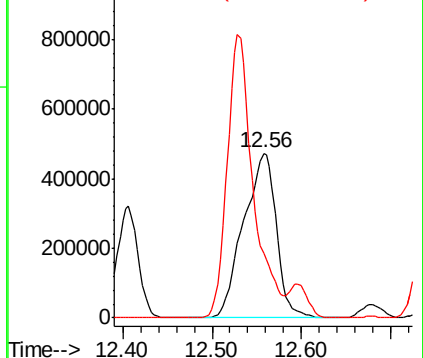
75 100

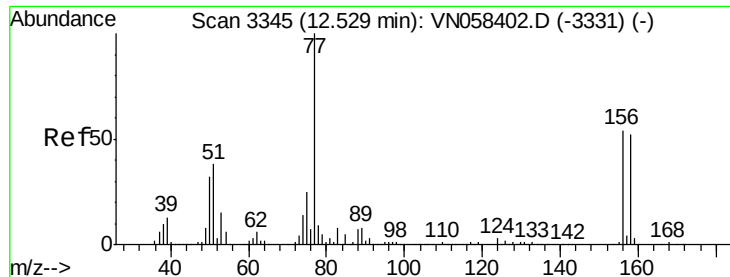
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 139.155 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

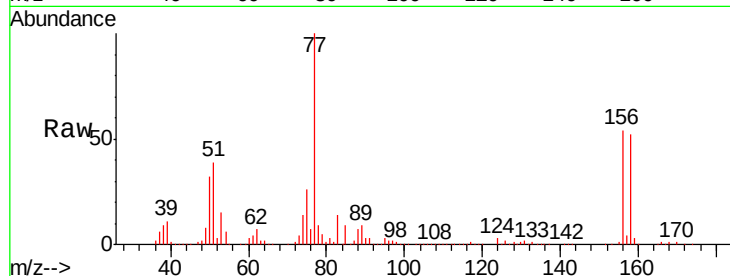
Tgt Ion:156 Resp: 736492

Ion Ratio Lower Upper

156 100

77 223.5 110.0 330.0

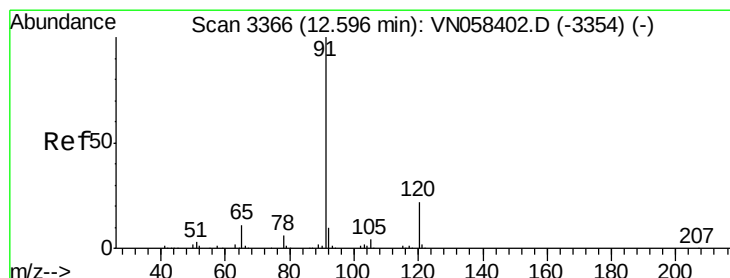
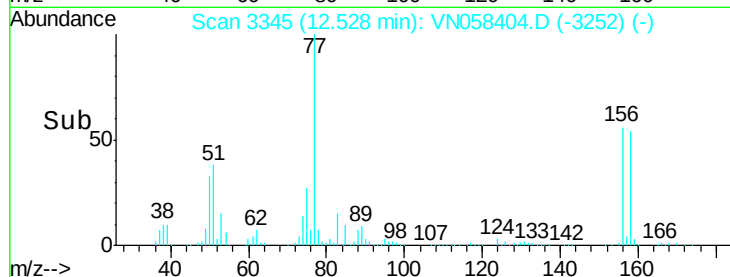
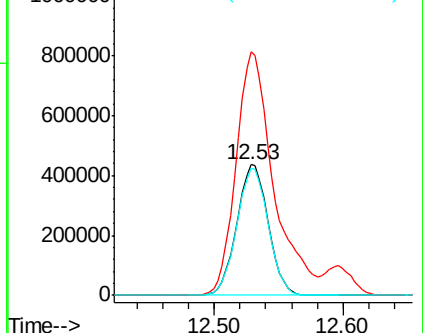
158 97.7 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 138.279 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058404.D

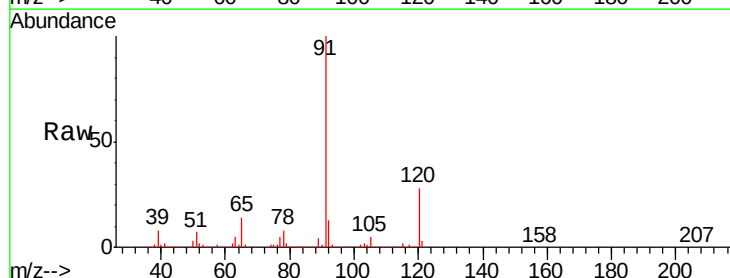
Acq: 27 Sep 2019 13:01

Tgt Ion: 91 Resp: 3337625

Ion Ratio Lower Upper

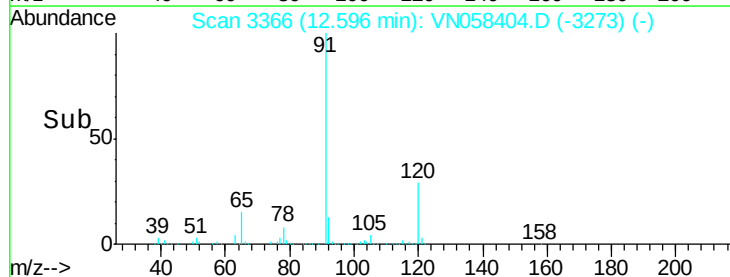
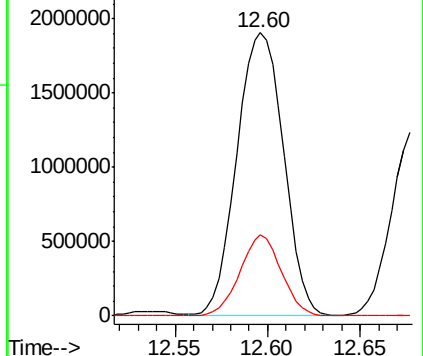
91 100

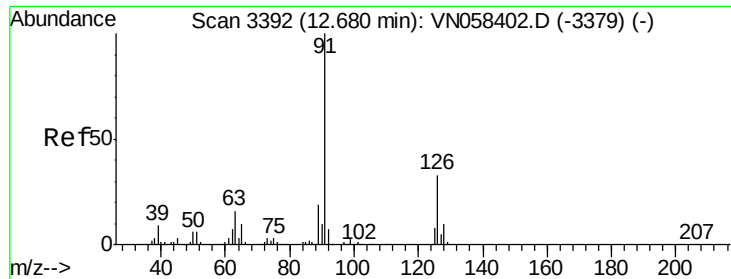
120 25.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 145.130 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

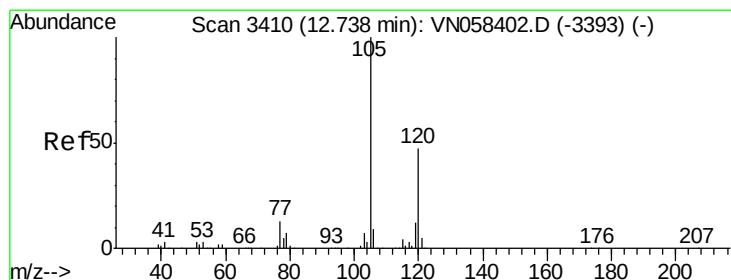
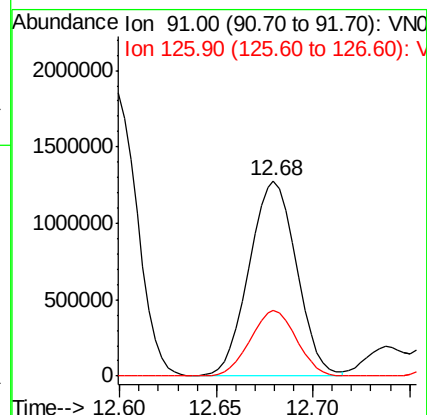
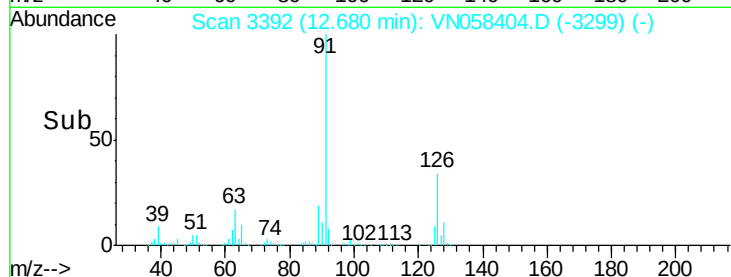
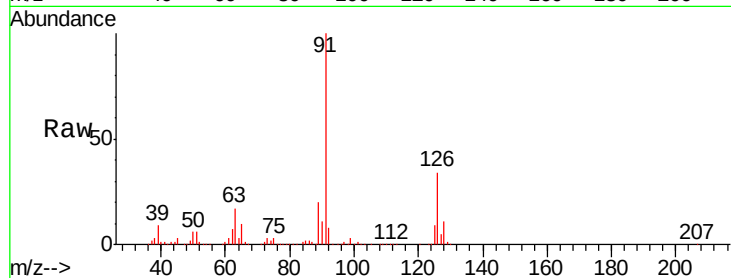
VSTDIC150

Tgt Ion: 91 Resp: 2177240

Ion Ratio Lower Upper

91 100

126 32.9 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 145.230 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058404.D

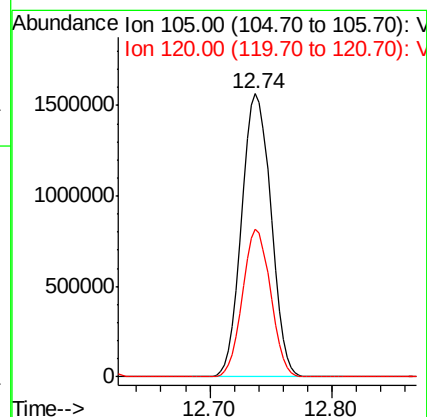
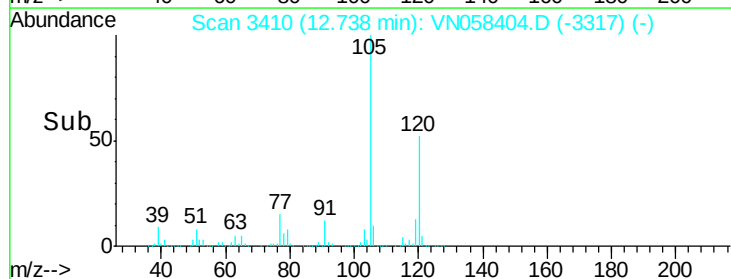
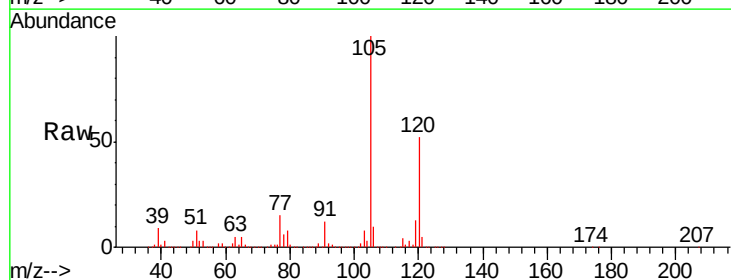
Acq: 27 Sep 2019 13:01

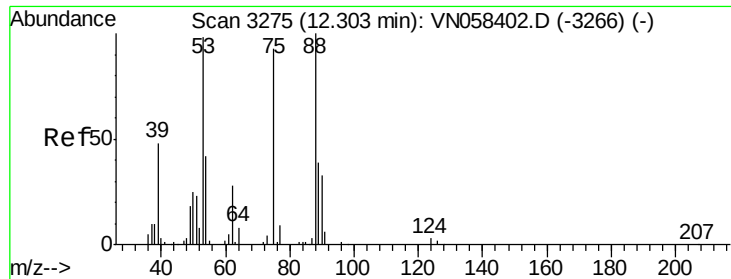
Tgt Ion: 105 Resp: 2598303

Ion Ratio Lower Upper

105 100

120 50.0 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 162.794 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

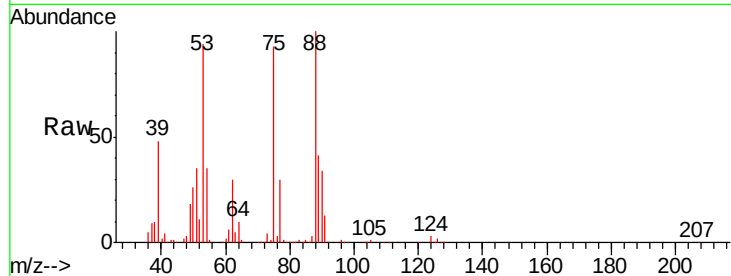
Tgt Ion: 75 Resp: 298147

Ion Ratio Lower Upper

75 100

53 104.2 85.4 128.0

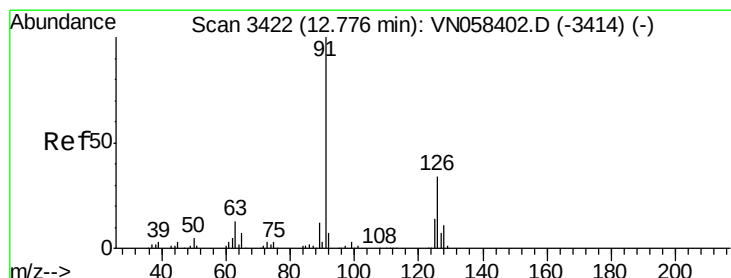
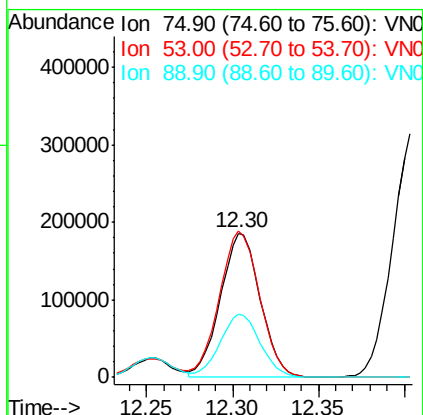
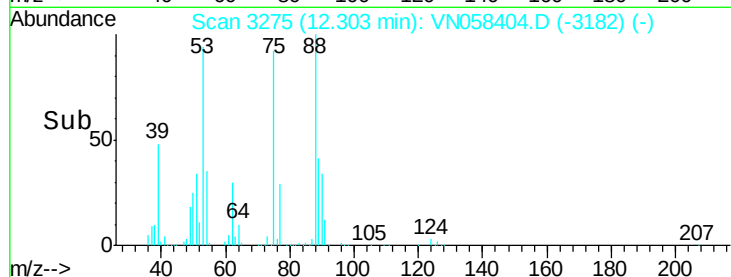
89 44.6 35.0 52.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 144.458 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN058404.D

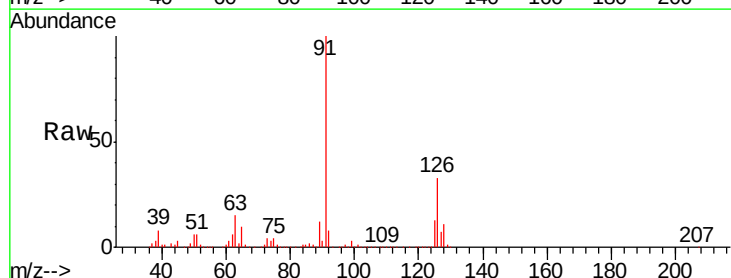
Acq: 27 Sep 2019 13:01

Tgt Ion: 91 Resp: 2266156

Ion Ratio Lower Upper

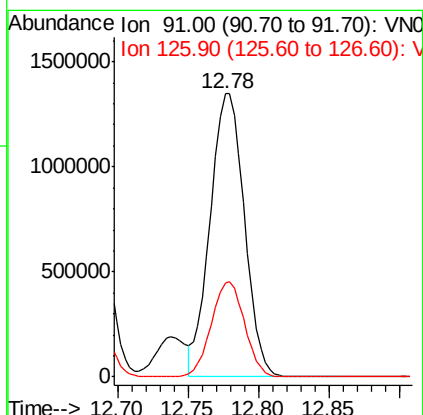
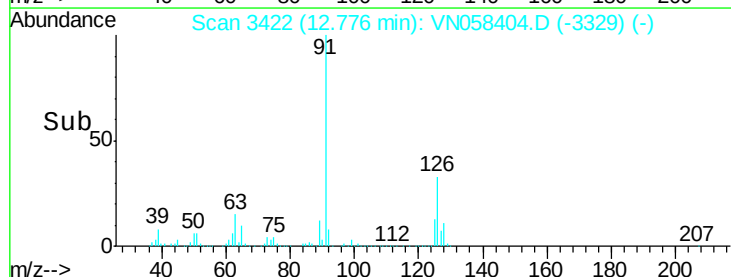
91 100

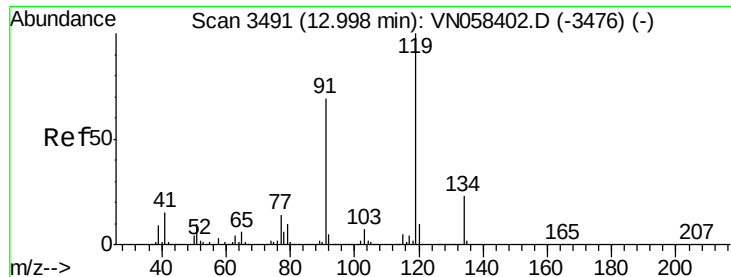
126 32.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

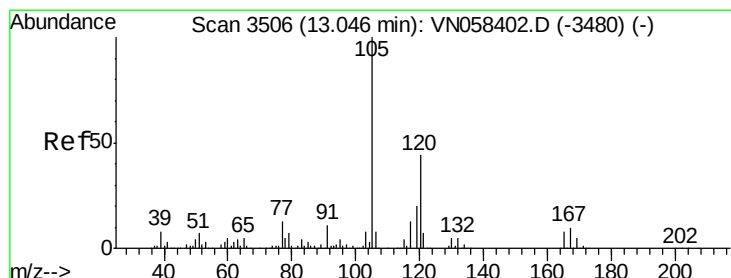
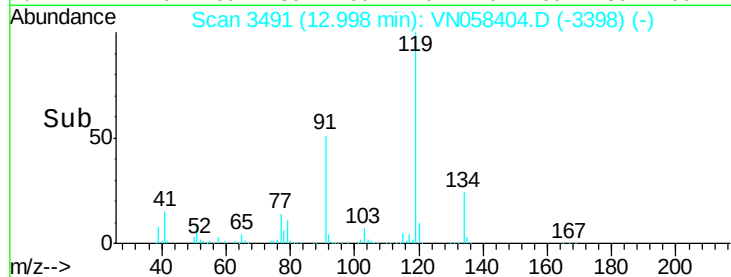
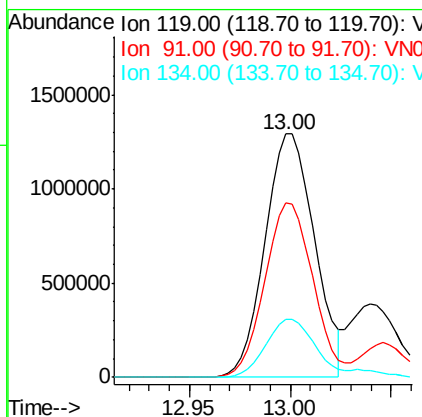
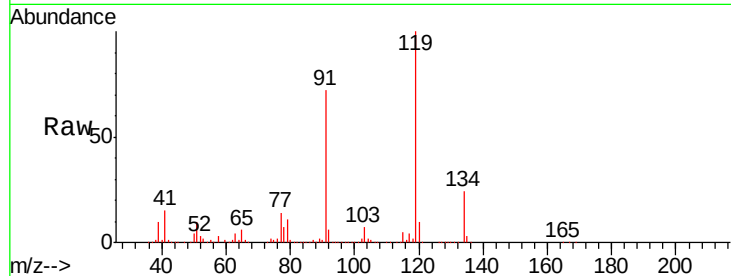




#83
 tert-Butylbenzene
 Concen: 139.565 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

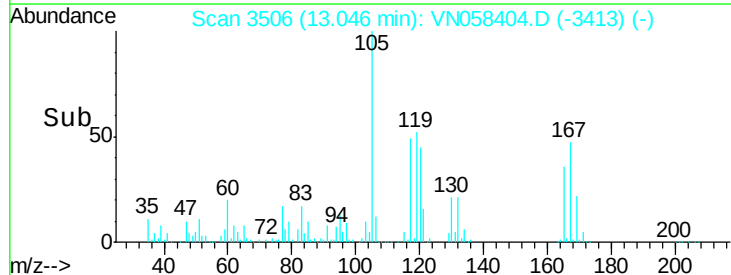
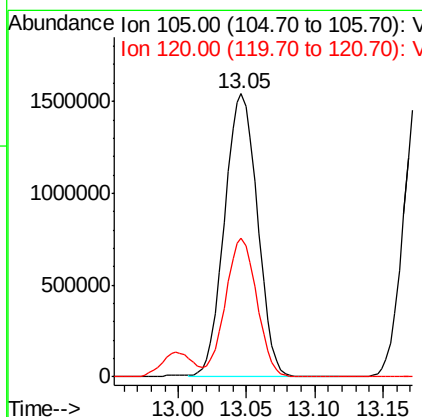
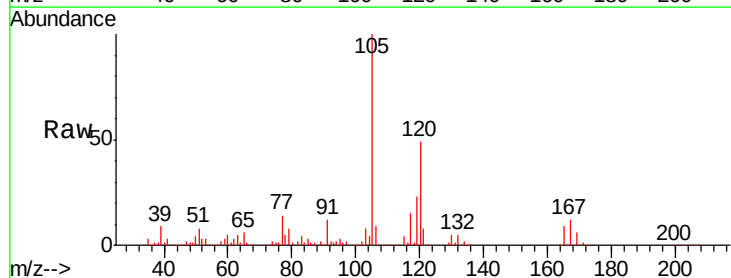
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

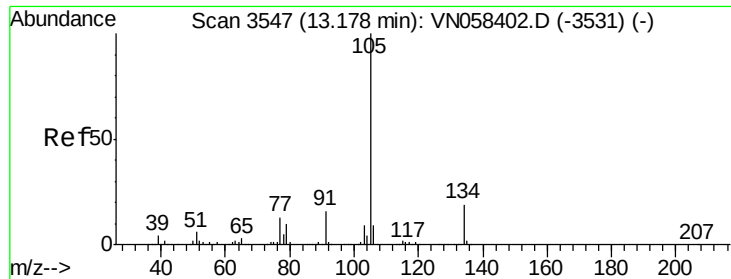
Tgt Ion:119 Resp: 2205347
 Ion Ratio Lower Upper
 119 100
 91 69.4 34.2 102.6
 134 25.9 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 144.872 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion:105 Resp: 2580785
 Ion Ratio Lower Upper
 105 100
 120 46.8 21.7 65.1





#85

sec-Butylbenzene

Concen: 138.527 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

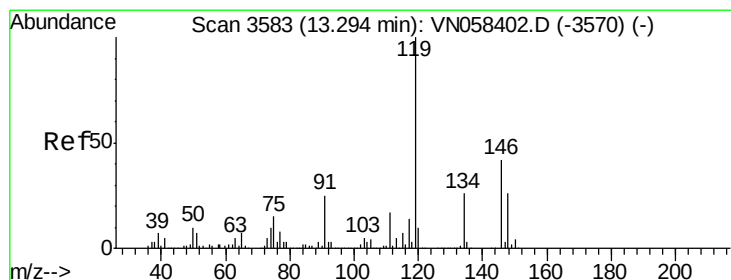
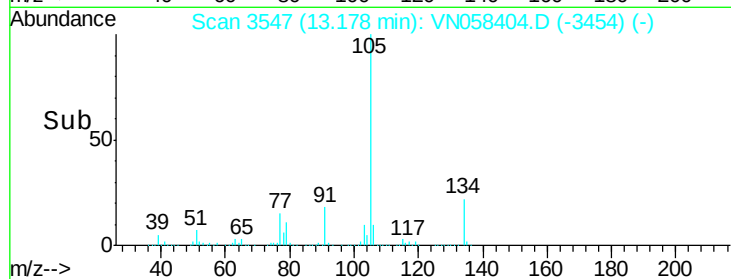
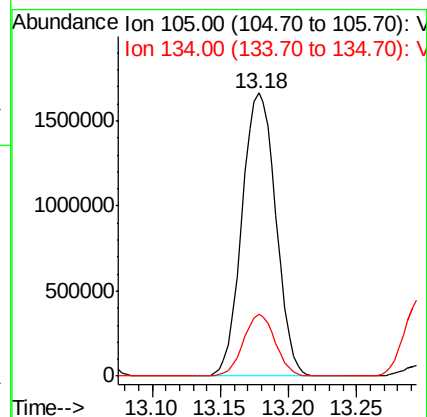
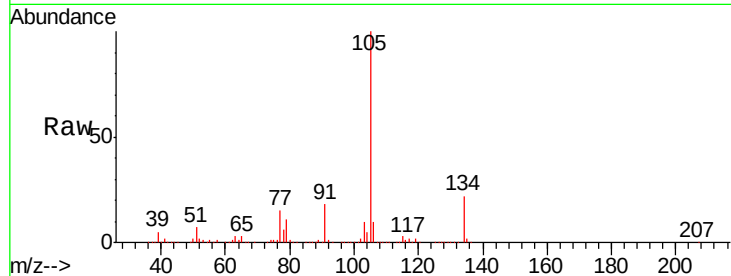
VSTDIC150

Tgt Ion:105 Resp: 2862311

Ion Ratio Lower Upper

105 100

134 20.6 9.4 28.2



#86

p-Isopropyltoluene

Concen: 142.659 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

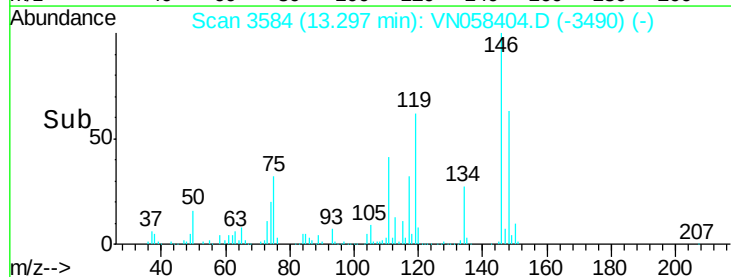
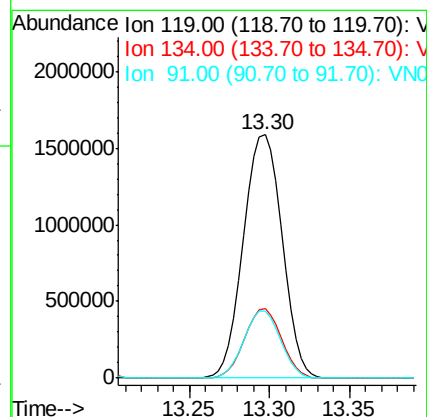
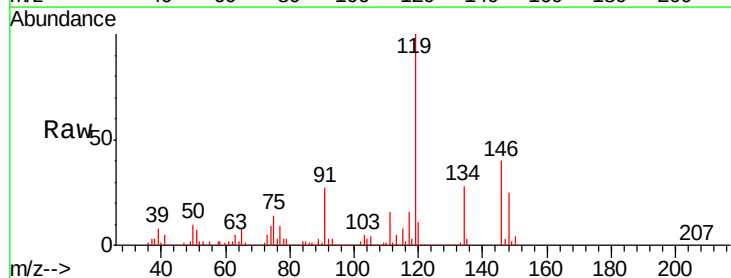
Tgt Ion:119 Resp: 2614782

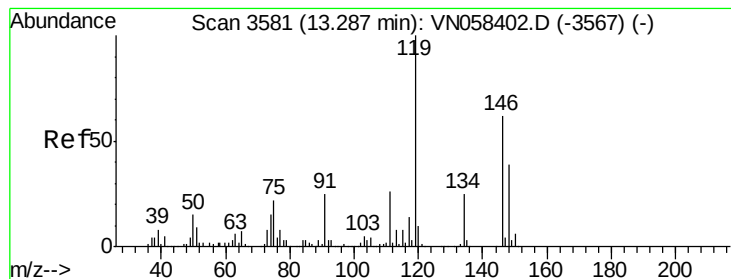
Ion Ratio Lower Upper

119 100

134 27.1 13.0 39.0

91 26.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 141.975 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

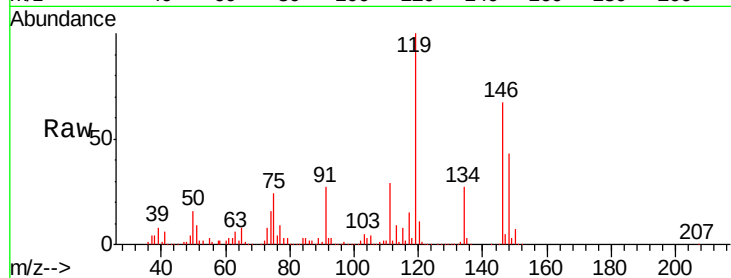
Tgt Ion:146 Resp: 1362662

Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.4

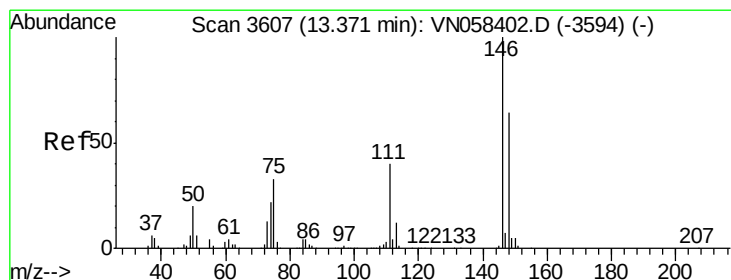
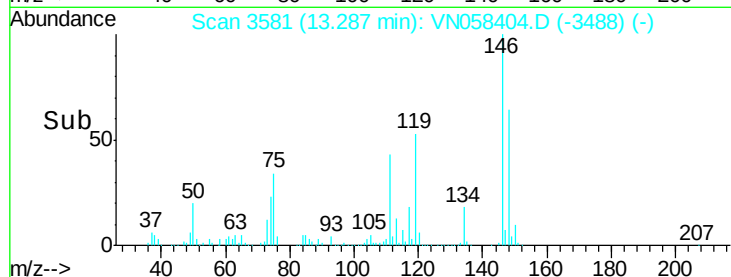
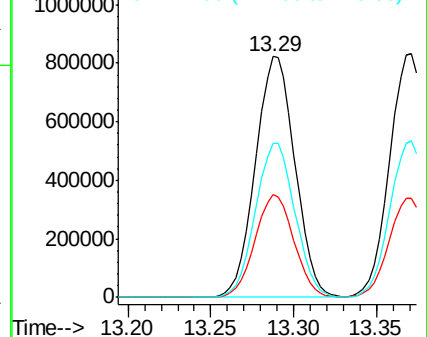
148 63.9 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 139.496 ug/l

RT: 13.37 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN058404.D

Acq: 27 Sep 2019 13:01

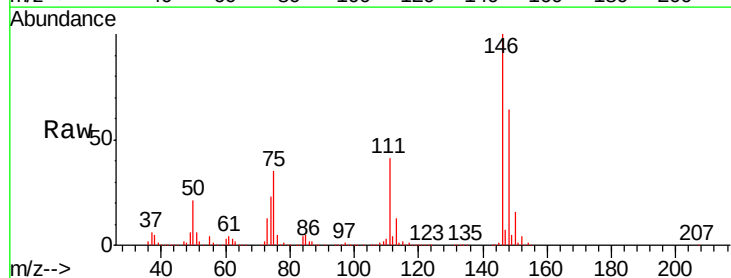
Tgt Ion:146 Resp: 1362917

Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.6

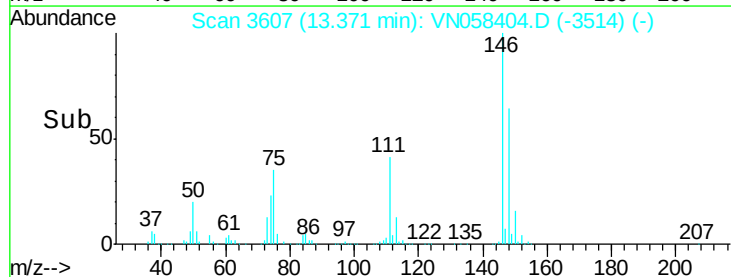
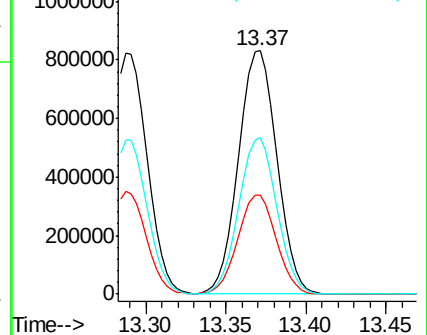
148 63.6 31.5 94.5

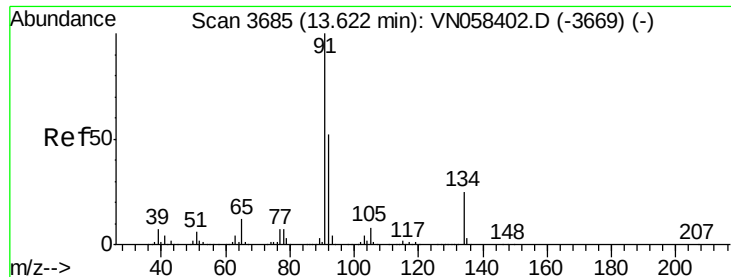


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

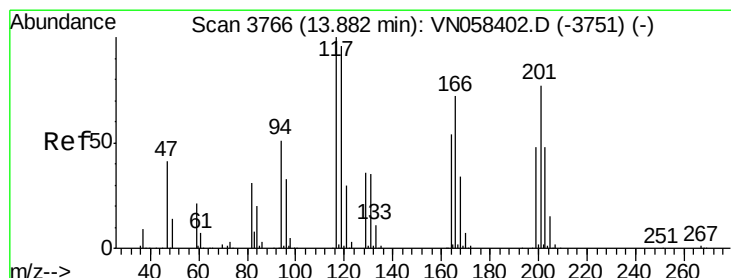
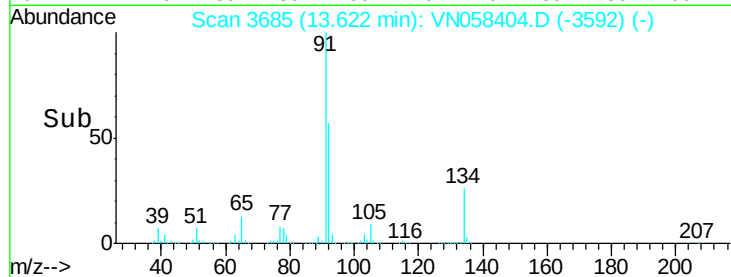
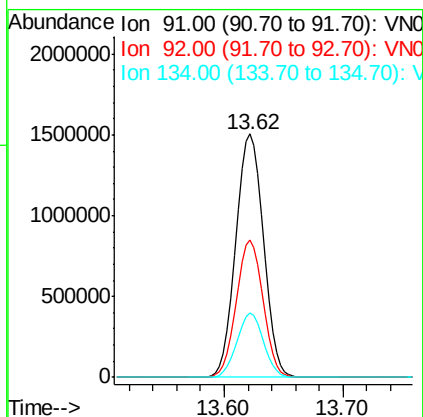
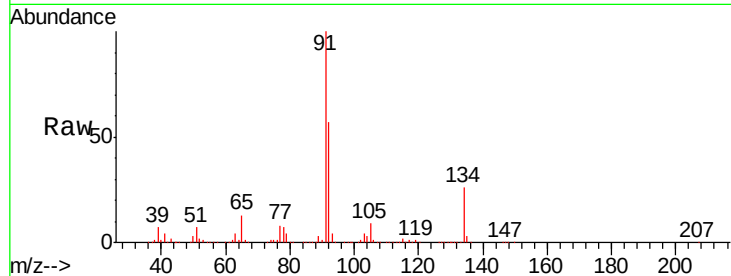




#89
n-Butylbenzene
Concen: 141.827 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

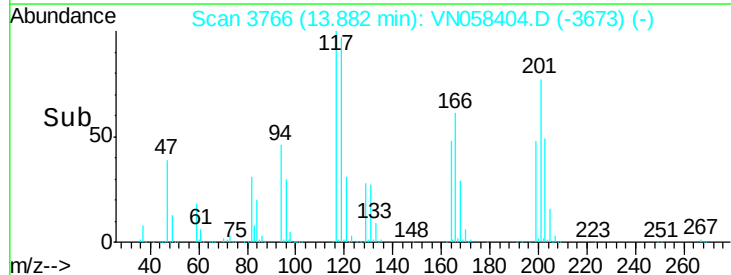
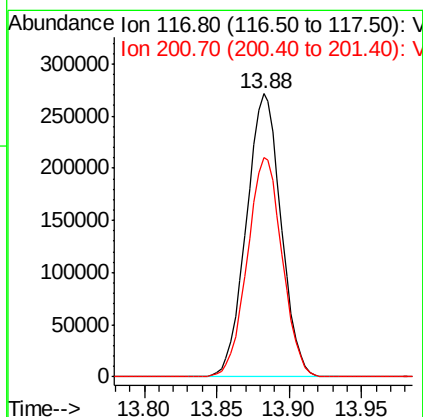
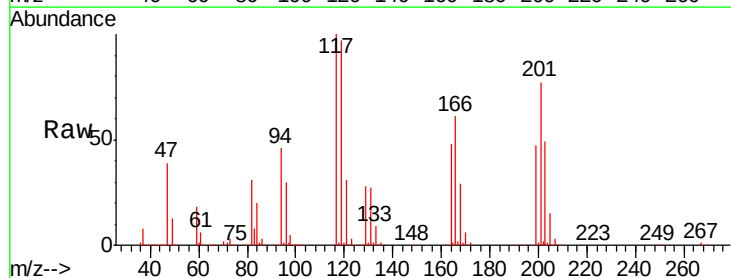
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

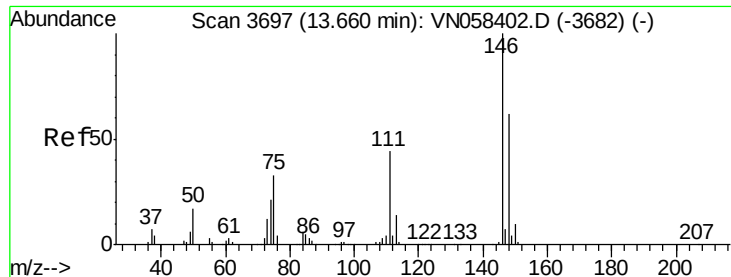
Tgt Ion: 91 Resp: 2430544
Ion Ratio Lower Upper
91 100
92 54.5 25.7 77.1
134 25.3 12.2 36.6



#90
Hexachloroethane
Concen: 159.233 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion: 117 Resp: 451846
Ion Ratio Lower Upper
117 100
201 77.9 38.6 116.0

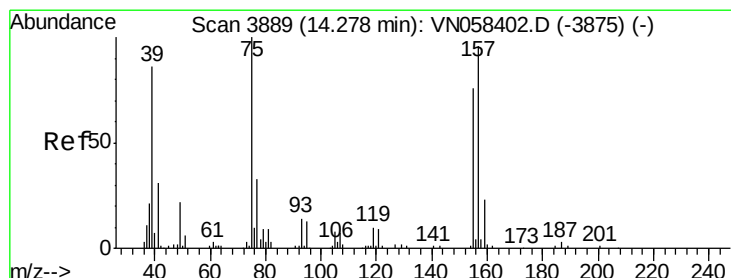
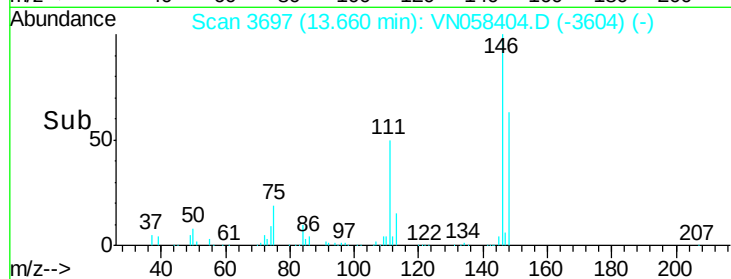
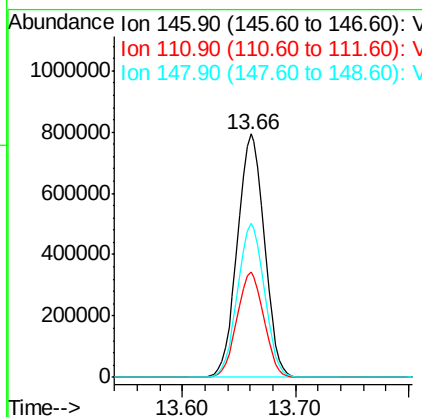
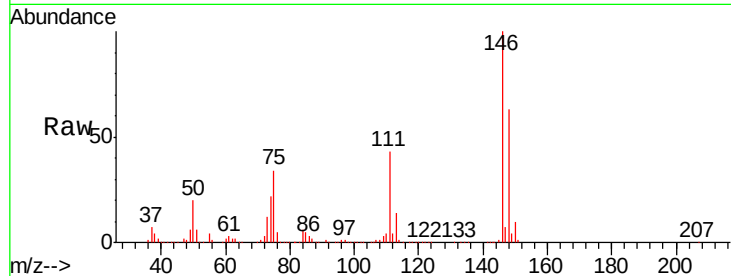




#91
 1,2-Dichlorobenzene
 Concen: 138.831 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

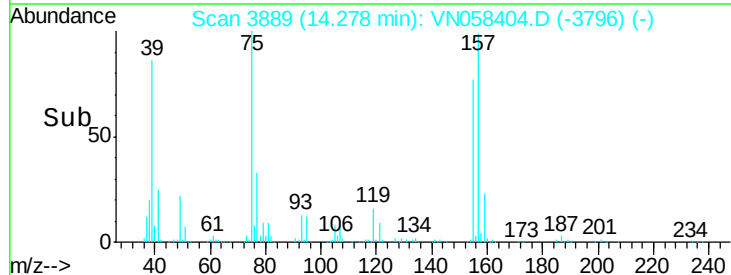
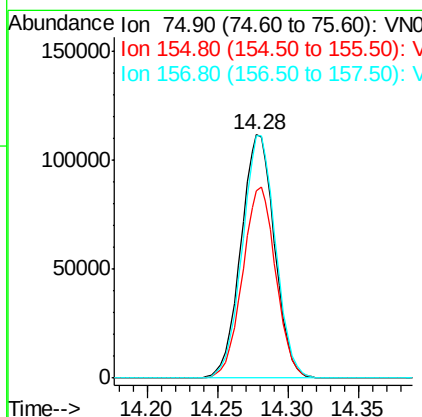
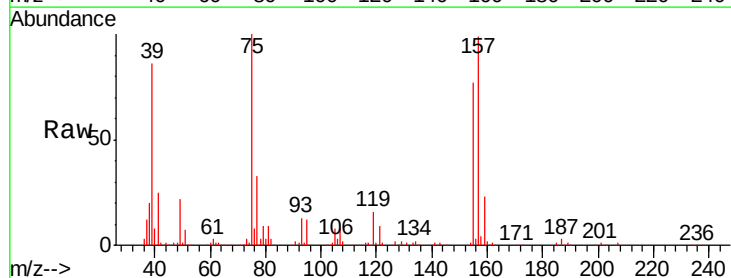
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

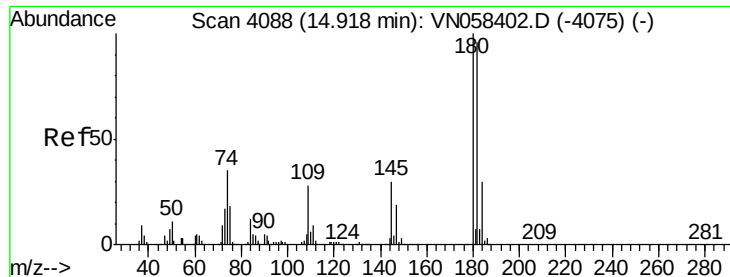
Tgt Ion:146 Resp: 1325285
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.8 65.3
 148 63.0 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 149.753 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion: 75 Resp: 186372
 Ion Ratio Lower Upper
 75 100
 155 77.7 39.2 117.6
 157 98.4 48.7 146.1

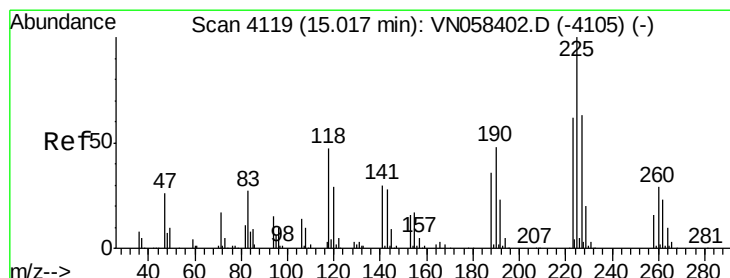
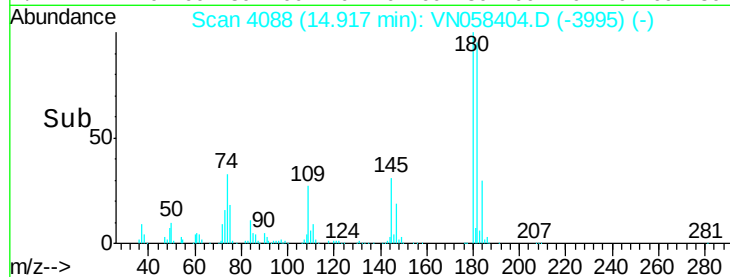
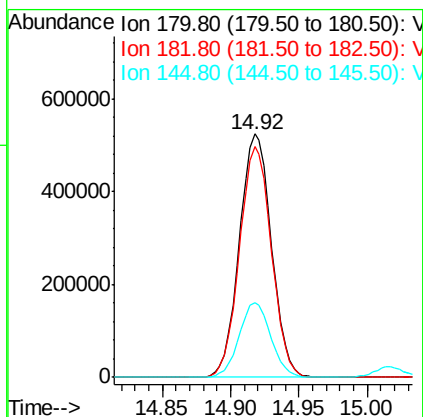
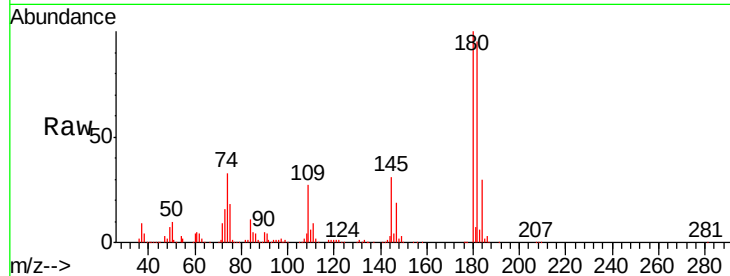




#93
 1,2,4-Trichlorobenzene
 Concen: 142.118 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

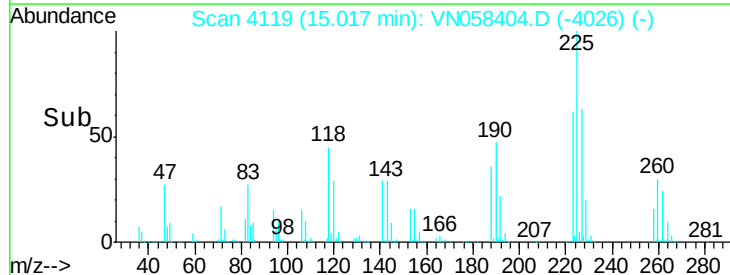
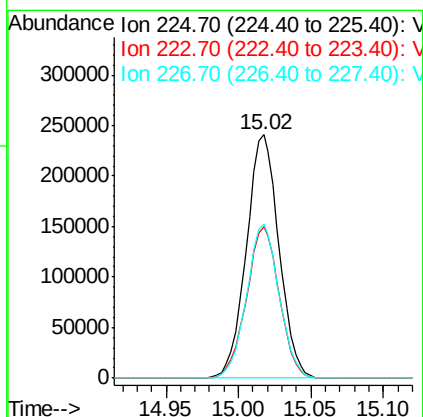
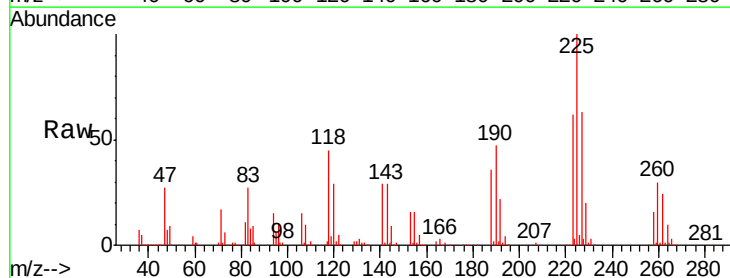
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

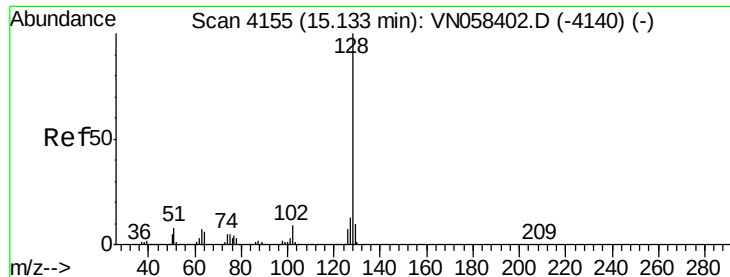
Tgt Ion:180 Resp: 853489
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.4 142.3
 145 30.3 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 129.354 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058404.D
 Acq: 27 Sep 2019 13:01

Tgt Ion:225 Resp: 376132
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.5
 227 62.9 31.4 94.2

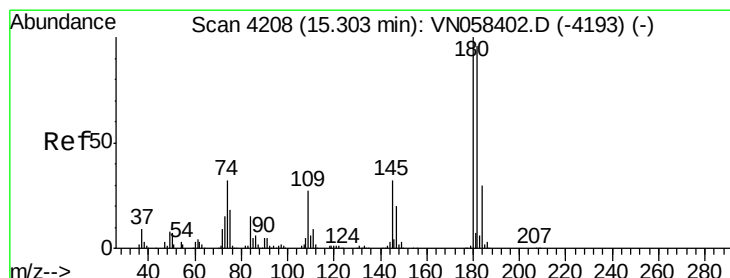
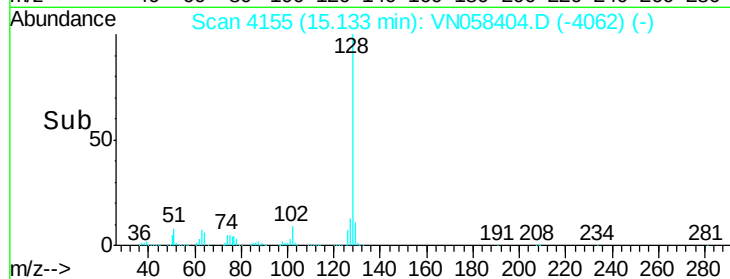
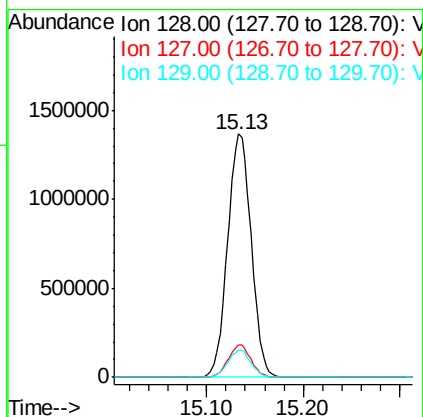
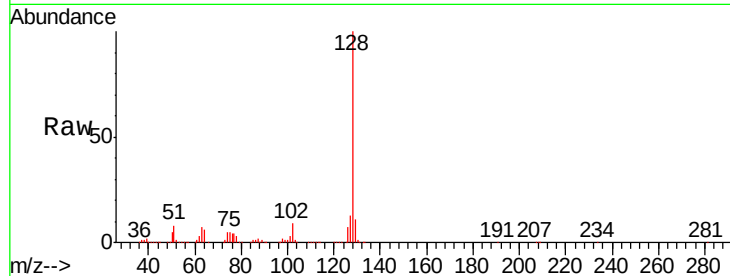




#95
Naphthalene
Concen: 148.822 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2310917
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 140.763 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. -0.00 min
Lab File: VN058404.D
Acq: 27 Sep 2019 13:01

Tgt Ion:180 Resp: 793988
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.9
145 32.1 16.1 48.3

