

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058403.D
 Acq On : 27 Sep 2019 12:39
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 07 06:15:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	495085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	838310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	753507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	370079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	724932	100.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.40%	
35) Dibromofluoromethane	7.57	113	527964	102.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.52%	
50) Toluene-d8	10.08	98	2053569	102.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.06%	
62) 4-Bromofluorobenzene	12.41	95	767505	105.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	557772	102.747	ug/l	98
3) Chloromethane	2.04	50	588855	98.667	ug/l	99
4) Vinyl Chloride	2.17	62	593328	101.486	ug/l	99
5) Bromomethane	2.53	94	322339	103.800	ug/l	100
6) Chloroethane	2.67	64	342182	97.682	ug/l	99
7) Trichlorofluoromethane	3.00	101	706536	100.143	ug/l	98
8) Diethyl Ether	3.39	74	310019	101.843	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	481116	100.411	ug/l	100
10) Methyl Iodide	3.93	142	613503	115.474	ug/l	100
11) Tert butyl alcohol	4.76	59	411580	512.084	ug/l	98
12) 1,1-Dichloroethene	3.72	96	470393	100.718	ug/l	98
13) Acrolein	3.59	56	157846	617.464	ug/l	98
14) Allyl chloride	4.30	41	888367	104.522	ug/l	99
15) Acrylonitrile	4.96	53	1247269	532.466	ug/l	99
16) Acetone	3.79	43	1220081	494.702	ug/l	100
17) Carbon Disulfide	4.03	76	1351502	109.778	ug/l	98
18) Methyl Acetate	4.30	43	603824	97.343	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	1701732	103.268	ug/l	100
20) Methylene Chloride	4.53	84	547652	96.222	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	529531	101.959	ug/l	99
22) Diisopropyl ether	5.93	45	1918718	104.905	ug/l	99
23) Vinyl Acetate	5.87	43	7129443	516.969	ug/l #	93
24) 1,1-Dichloroethane	5.82	63	1050958	102.100	ug/l	100
25) 2-Butanone	6.81	43	1762219	520.420	ug/l	100
26) 2,2-Dichloropropane	6.80	77	896915	105.988	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	614283	101.199	ug/l	99
28) Bromochloromethane	7.18	49	411313	99.964	ug/l	100
29) Tetrahydrofuran	7.19	42	1116794	519.642	ug/l	99
30) Chloroform	7.36	83	1048736	100.543	ug/l	99
31) Cyclohexane	7.64	56	977797	97.655	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	915156	106.841	ug/l	99
36) 1,1-Dichloropropene	7.78	75	828087	103.306	ug/l	99
37) Ethyl Acetate	6.91	43	732651	107.804	ug/l	99
38) Carbon Tetrachloride	7.76	117	783954	108.348	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	964790	103.067	ug/l	99
40) Benzene	8.03	78	2330146	101.129	ug/l	100
41) Methacrylonitrile	7.15	41	331524	106.035	ug/l	99
42) 1,2-Dichloroethane	8.11	62	898808	100.265	ug/l	100
43) Isopropyl Acetate	8.15	43	1291194	101.033	ug/l #	90
44) Trichloroethene	8.82	130	584563	102.747	ug/l	99
45) 1,2-Dichloropropane	9.11	63	632573	102.365	ug/l	98
46) Dibromomethane	9.20	93	403673	103.150	ug/l	99
47) Bromodichloromethane	9.39	83	817461	110.249	ug/l	100
48) Methyl methacrylate	9.19	41	614803	105.650	ug/l	100
49) 1,4-Dioxane	9.19	88	174217	2238.973	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	3318680	505.545	ug/l	94
52) Toluene	10.15	92	1470617	101.401	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	937509	116.167	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1009826	112.724	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	548044	103.781	ug/l	99
56) Ethyl methacrylate	10.43	69	900274	112.350	ug/l	99
57) 1,3-Dichloropropane	10.71	76	982685	104.326	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1798234	562.796	ug/l	100
59) 2-Hexanone	10.75	43	2522237	527.665	ug/l	96
60) Dibromochloromethane	10.90	129	601164	110.603	ug/l	99
61) 1,2-Dibromoethane	11.00	107	576432	106.829	ug/l	99
64) Tetrachloroethene	10.63	164	482885	100.868	ug/l	98
65) Chlorobenzene	11.43	112	1530560	102.187	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	555016	109.982	ug/l	100
67) Ethyl Benzene	11.51	91	2717446	100.166	ug/l	94
68) m/p-Xylenes	11.62	106	2115082	207.215	ug/l	87
69) o-Xylene	11.95	106	1020461	103.854	ug/l	98
70) Styrene	11.97	104	1750308	109.649	ug/l	100
71) Bromoform	12.13	173	385493	109.697	ug/l #	99
73) Isopropylbenzene	12.25	105	2648332	96.832	ug/l	97
74) N-amyl acetate	12.07	43	1179336	108.390	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	798737	98.763	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1045225	154.630	ug/l #	100
77) Bromobenzene	12.53	156	638631	99.585	ug/l	98
78) n-propylbenzene	12.60	91	3004708	97.516	ug/l	95
79) 2-Chlorotoluene	12.68	91	1895618	99.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	2290206	100.033	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	257498	115.697	ug/l	98
82) 4-Chlorotoluene	12.78	91	1963691	101.187	ug/l	98
83) tert-Butylbenzene	13.00	119	1936300	100.229	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	2290163	99.841	ug/l	97
85) sec-Butylbenzene	13.18	105	2547890	100.203	ug/l	98
86) p-Isopropyltoluene	13.30	119	2305671	103.013	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	1170575	100.666	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1171747	101.280	ug/l	99
89) n-Butylbenzene	13.62	91	2115801	104.356	ug/l	97
90) Hexachloroethane	13.88	117	389274	115.756	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1143347	102.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	163139	114.390	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

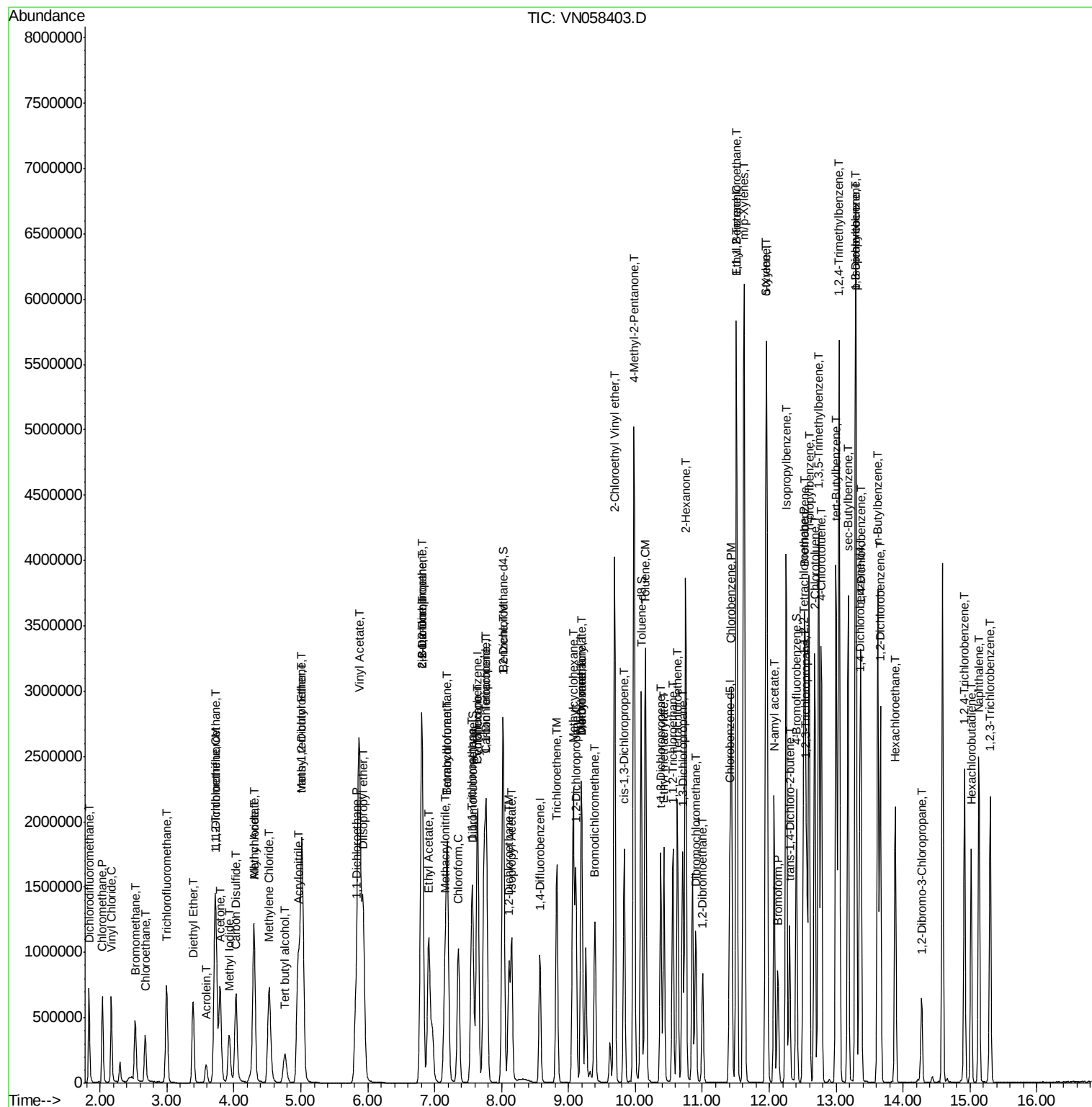
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	718697	116.406	ug/l	100
94) Hexachlorobutadiene	15.02	225	315221	99.333	ug/l	99
95) Naphthalene	15.13	128	1965138	108.720	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	669408	108.174	ug/l	99

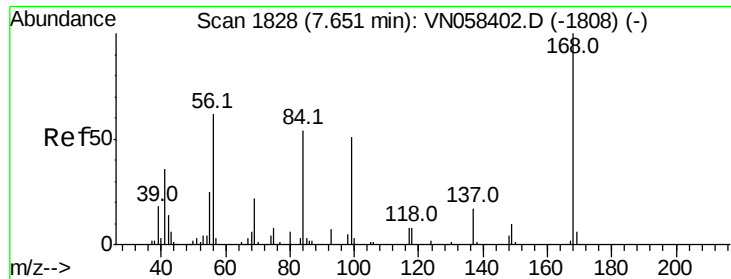
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092719\
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Acq On : 27 Sep 2019 12:39
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

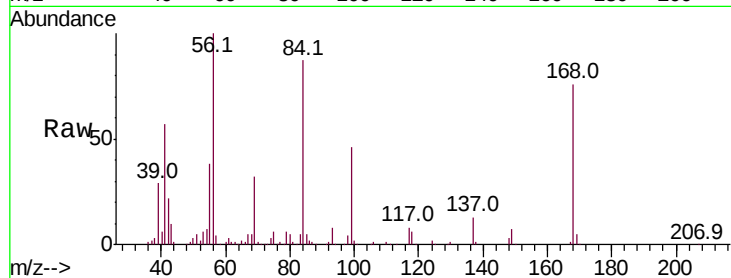
VSTDIC100

Tot Ion:168 Resp: 495085

Ion Ratio Lower Upper

168 100

99 60.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

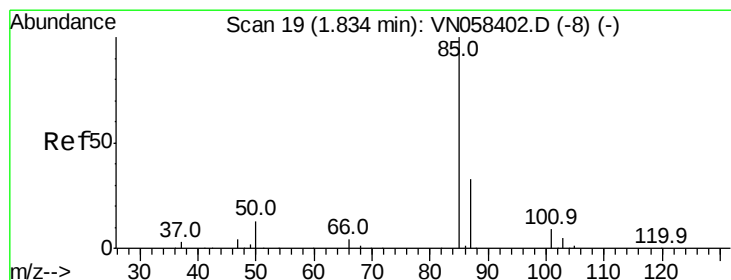
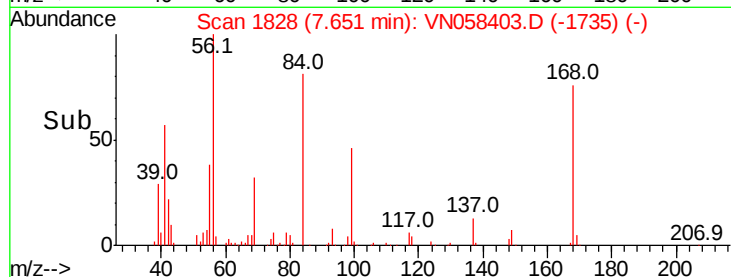
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 102.747 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058403.D

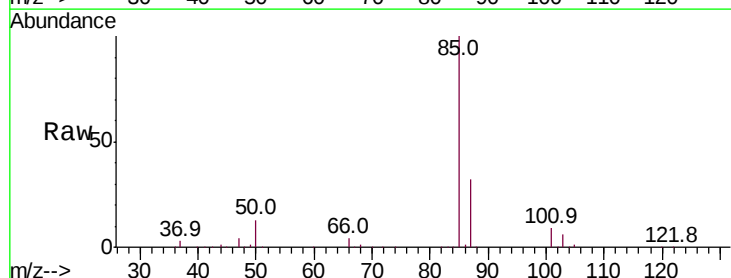
Acq: 27 Sep 2019 12:39

Tgt Ion: 85 Resp: 557772

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

400000

300000

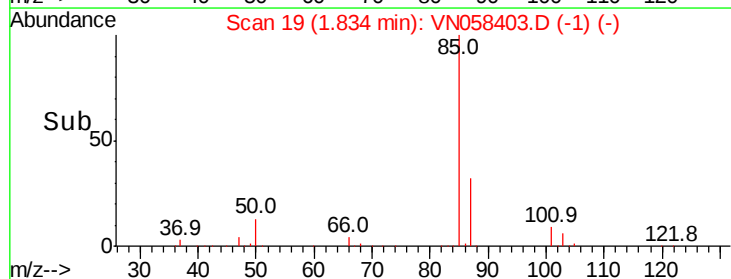
200000

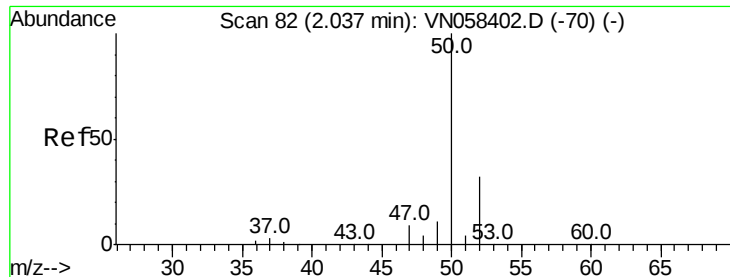
100000

0

1.80 1.85 1.90 2.00

Time-->





#3

Chloromethane

Concen: 98.667 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

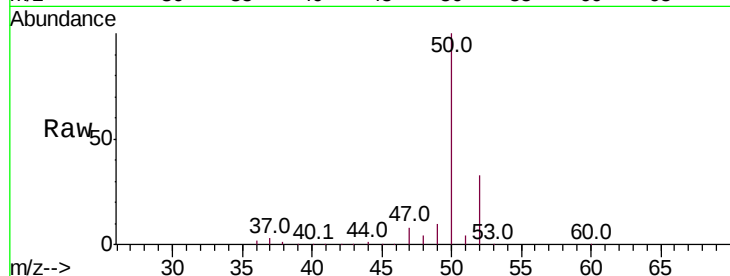
VSTDIC100

Tot Ion: 50 Resp: 588855

Ion Ratio Lower Upper

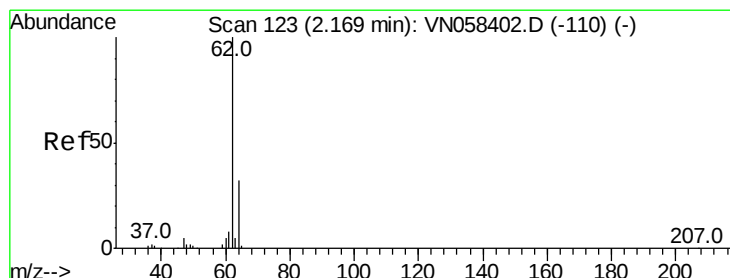
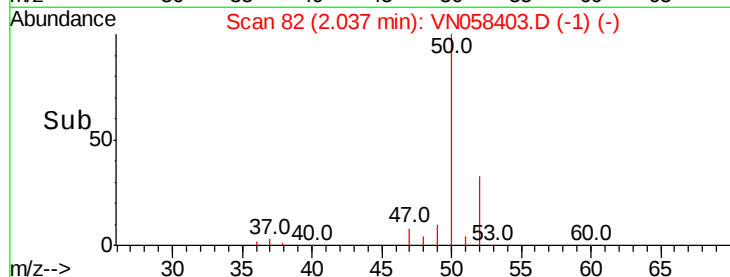
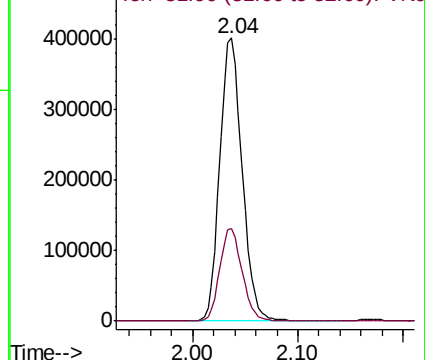
50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 101.486 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058403.D

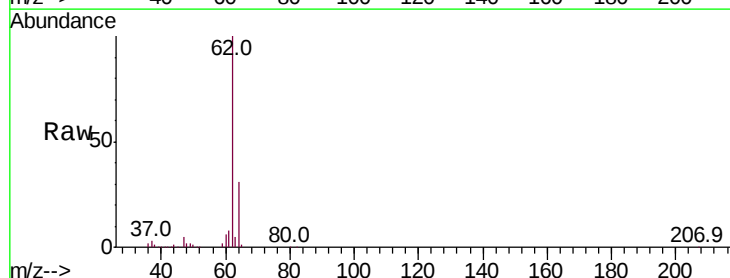
Acq: 27 Sep 2019 12:39

Tgt Ion: 62 Resp: 593328

Ion Ratio Lower Upper

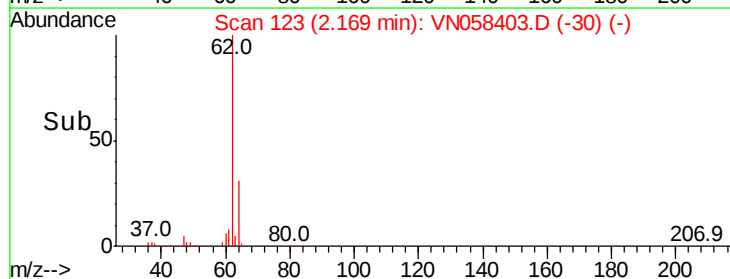
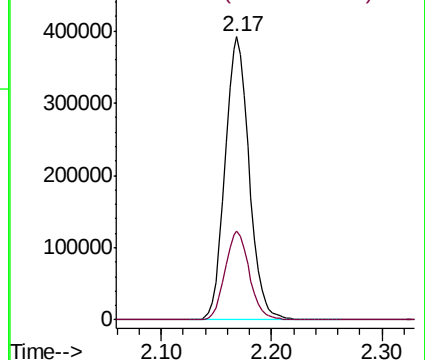
62 100

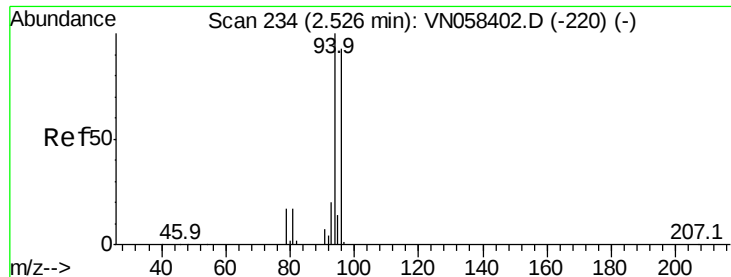
64 31.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 103.800 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

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ClientSampleId :

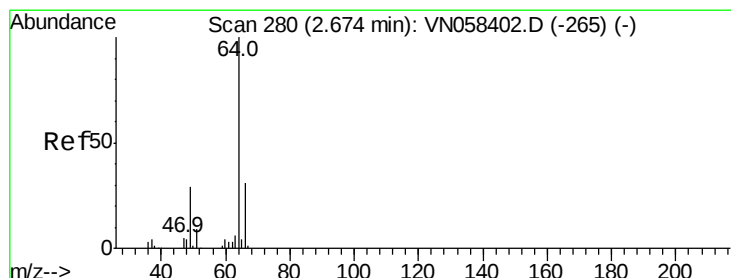
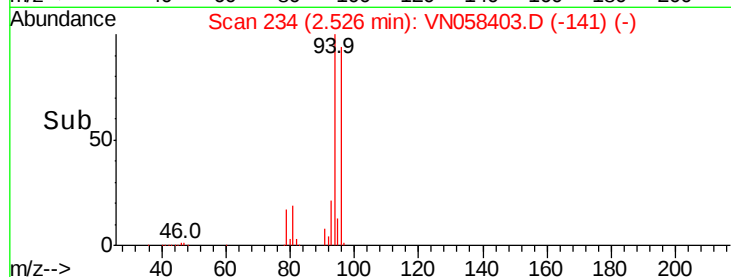
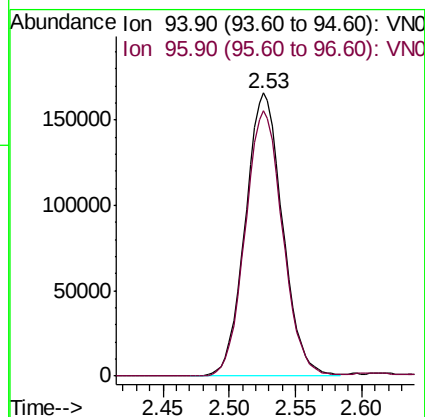
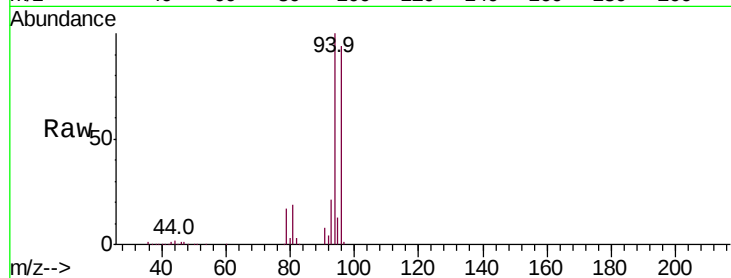
VSTDIC100

Tot Ion: 94 Resp: 322339

Ion Ratio Lower Upper

94 100

96 93.8 74.8 112.2



#6

Chloroethane

Concen: 97.682 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

Lab File: VN058403.D

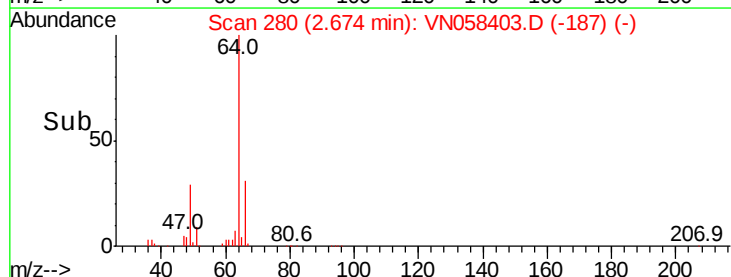
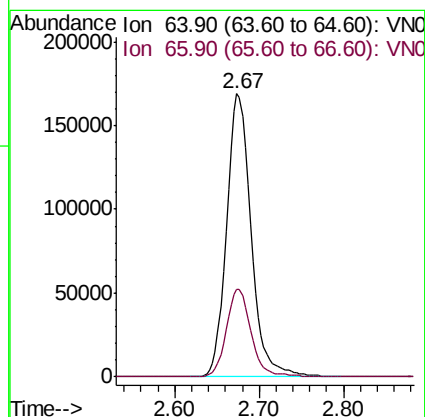
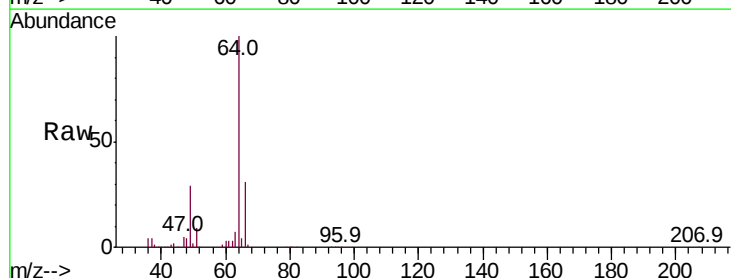
Acq: 27 Sep 2019 12:39

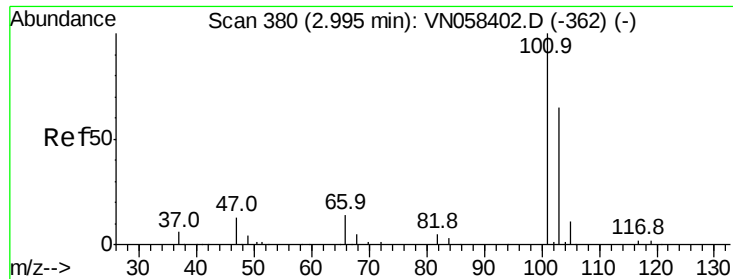
Tgt Ion: 64 Resp: 342182

Ion Ratio Lower Upper

64 100

66 30.9 24.4 36.6



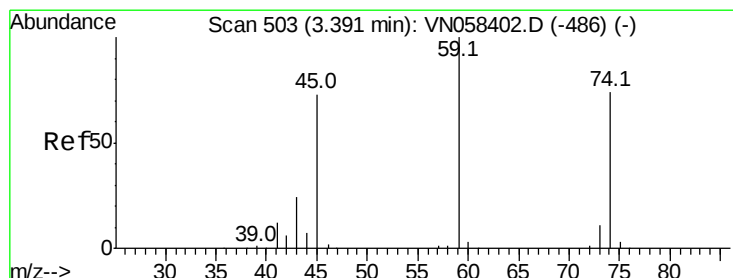
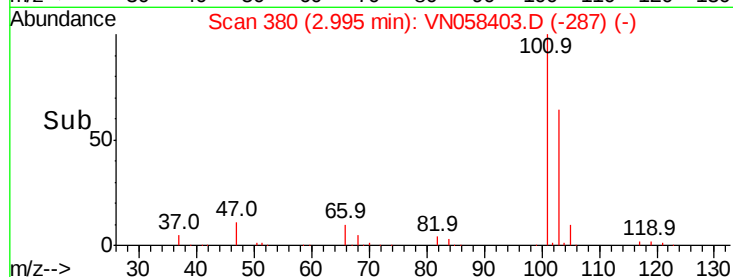
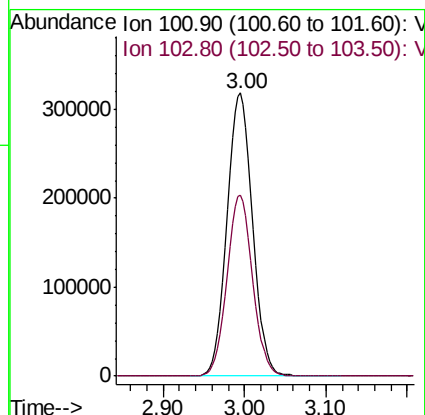
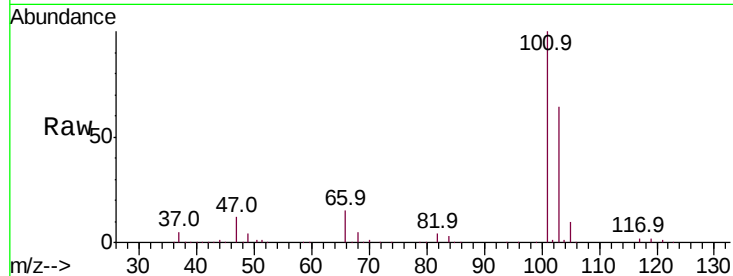


#7

Trichlorofluoromethane
 Concen: 100.143 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

Instrument :
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 VSTDIC100

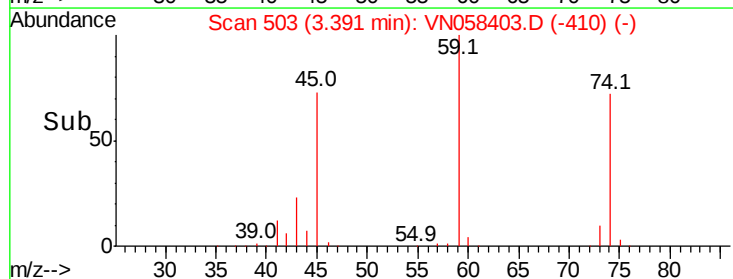
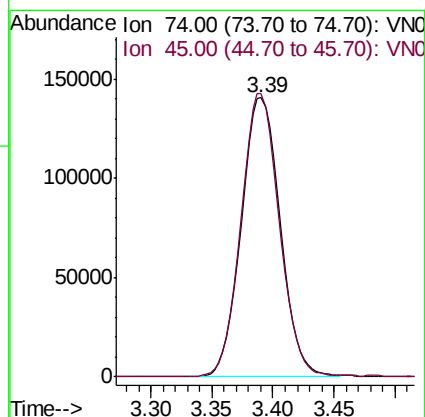
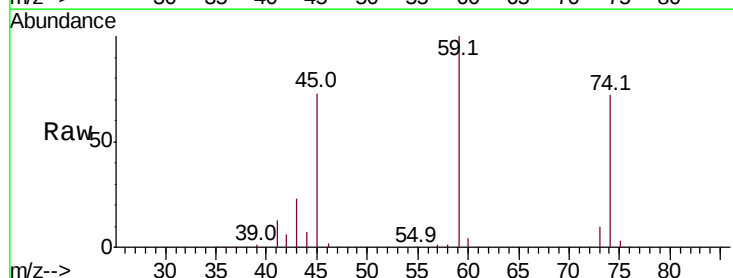
Tot Ion:101 Resp: 706536
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.3 78.5

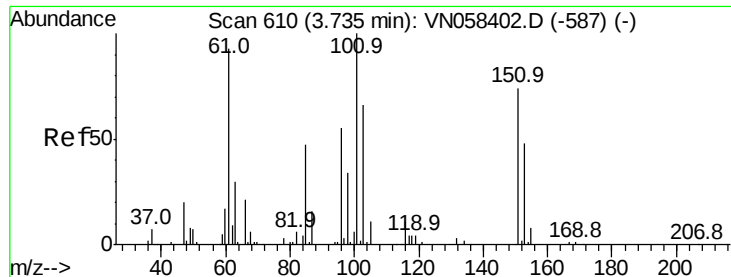


#8

Diethyl Ether
 Concen: 101.843 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

Tgt Ion: 74 Resp: 310019
 Ion Ratio Lower Upper
 74 100
 45 99.7 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.411 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

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VSTDIC100

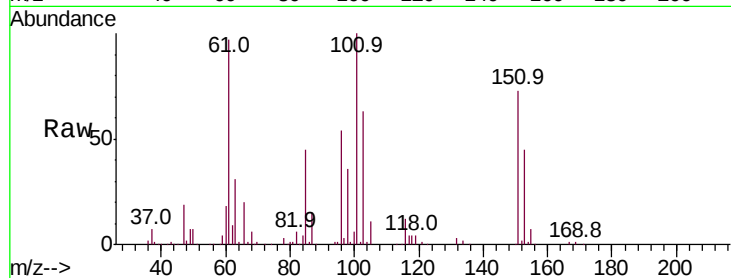
Tot Ion:101 Resp: 481116

Ion Ratio Lower Upper

101 100

85 45.8 36.7 55.1

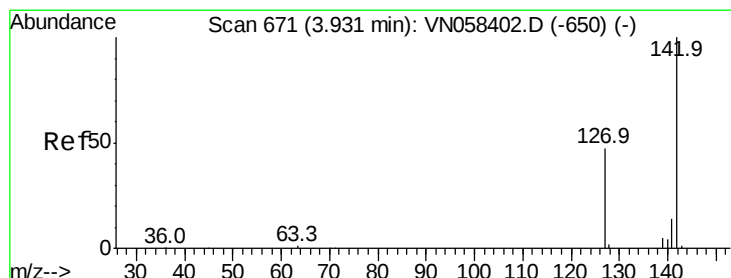
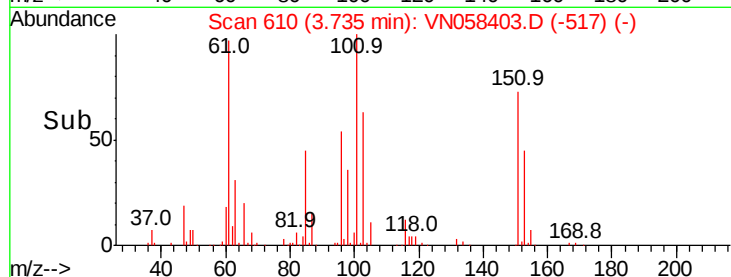
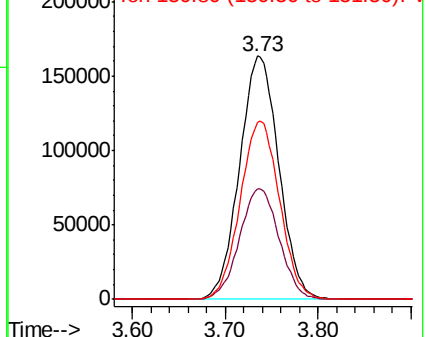
151 73.6 59.4 89.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 115.474 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

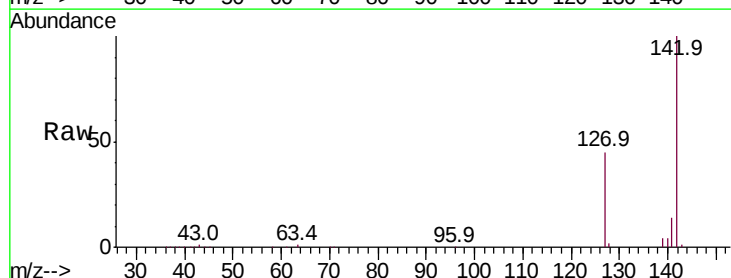
Tgt Ion:142 Resp: 613503

Ion Ratio Lower Upper

142 100

127 46.2 37.2 55.8

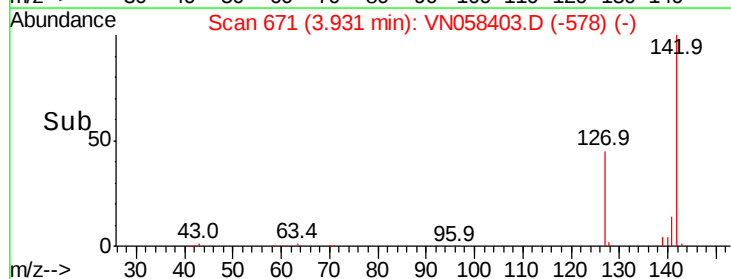
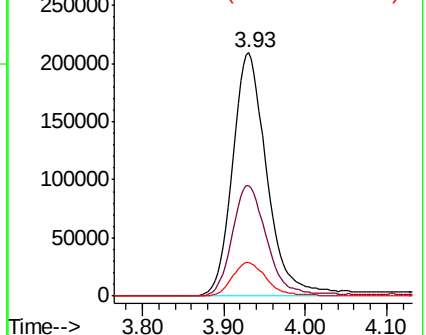
141 14.0 11.3 16.9

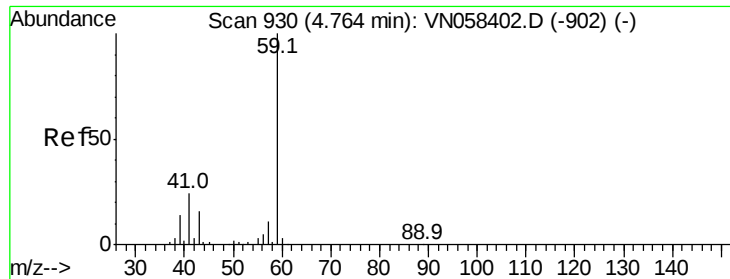


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



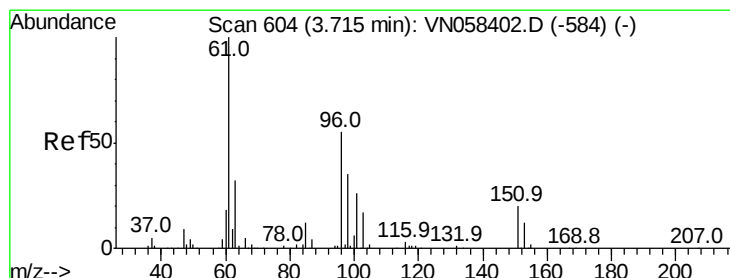
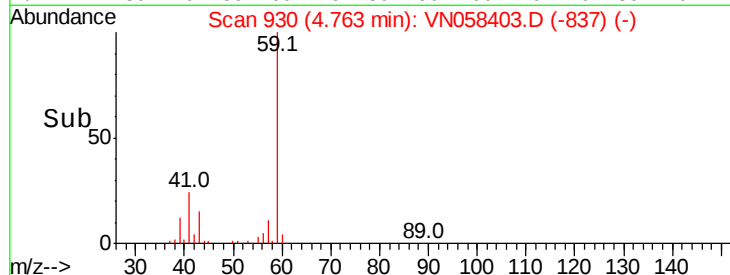
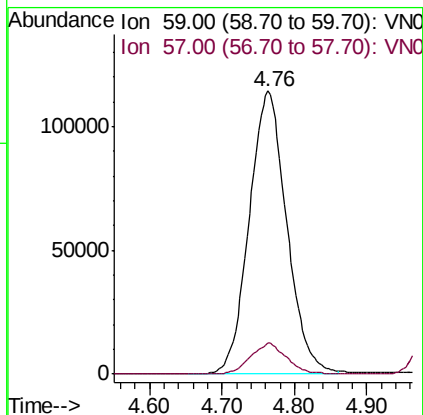
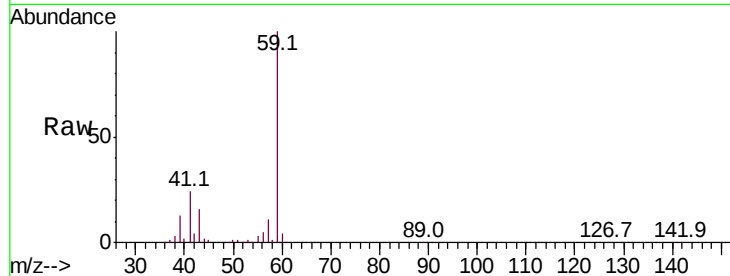


#11

Tert butyl alcohol
 Concen: 512.084 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

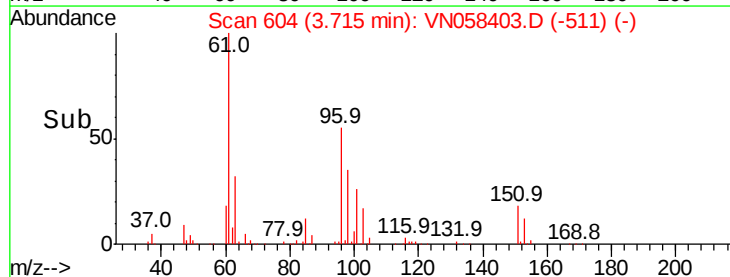
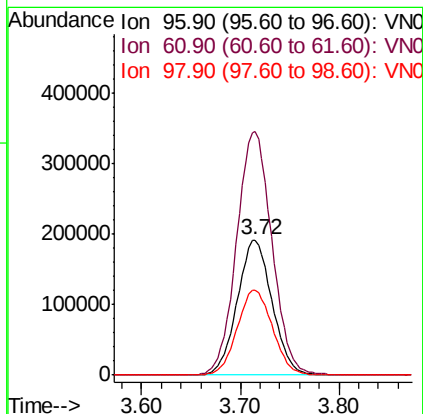
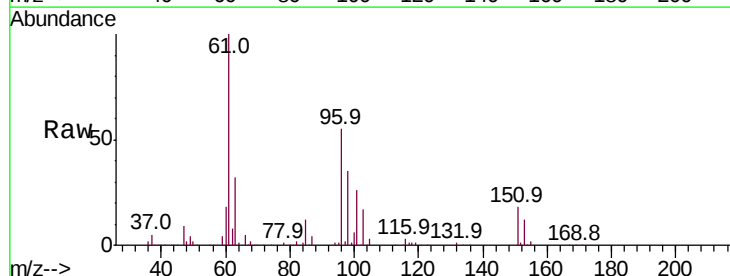
Tot Ion: 59 Resp: 411580
 Ion Ratio Lower Upper
 59 100
 57 10.6 9.0 13.4

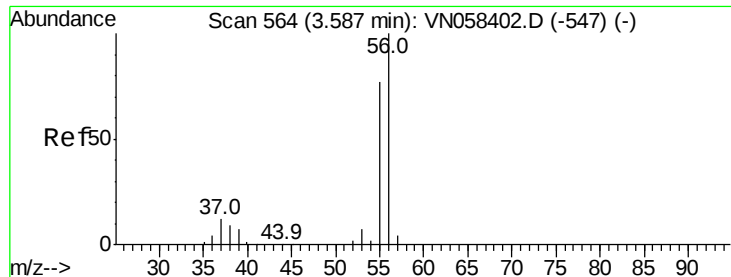


#12

1,1-Dichloroethene
 Concen: 100.718 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

Tgt Ion: 96 Resp: 470393
 Ion Ratio Lower Upper
 96 100
 61 180.4 146.7 220.1
 98 63.1 51.3 76.9





#13

Acrolein

Concen: 617.464 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

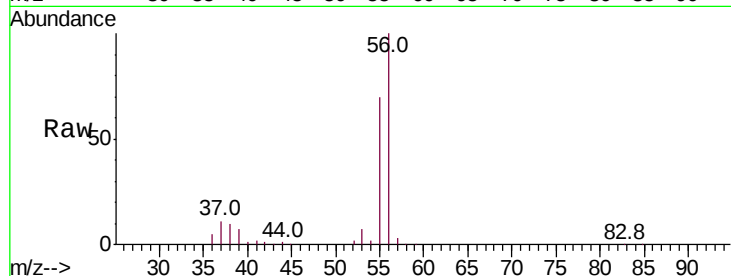
VSTDIC100

Tot Ion: 56 Resp: 157846

Ion Ratio Lower Upper

56 100

55 70.9 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VN058403.D (-471) (-)

Ion 55.00 (54.70 to 55.70): VN058403.D (-471) (-)

3.59

60000

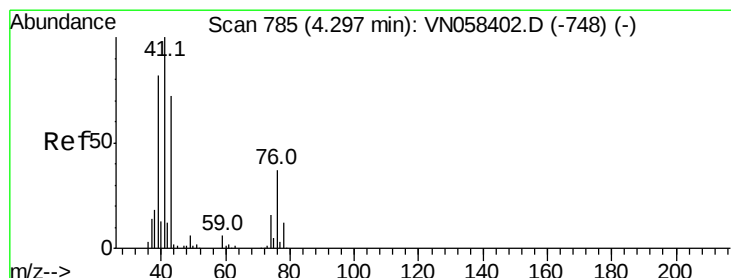
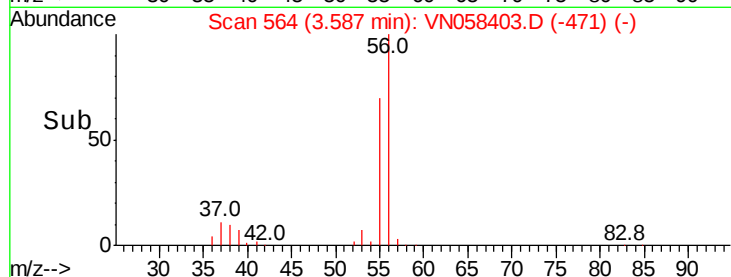
40000

20000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 104.522 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

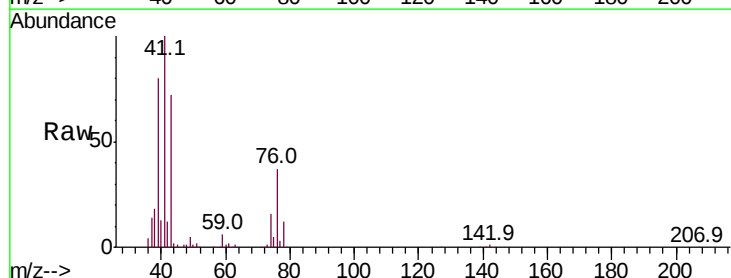
Tgt Ion: 41 Resp: 888367

Ion Ratio Lower Upper

41 100

39 76.9 62.3 93.5

76 33.0 26.9 40.3



Abundance Ion 41.00 (40.70 to 41.70): VN058403.D (-692) (-)

Ion 39.00 (38.70 to 39.70): VN058403.D (-692) (-)

Ion 75.90 (75.60 to 76.60): VN058403.D (-692) (-)

4.30

400000

300000

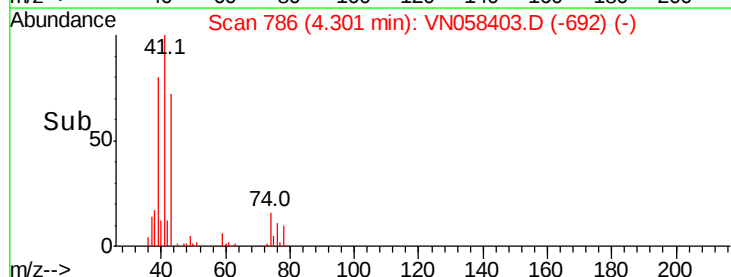
200000

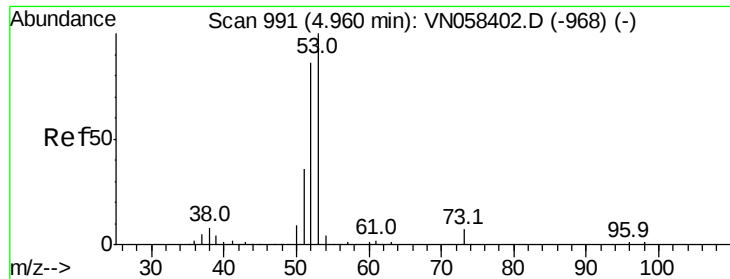
100000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 532.466 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

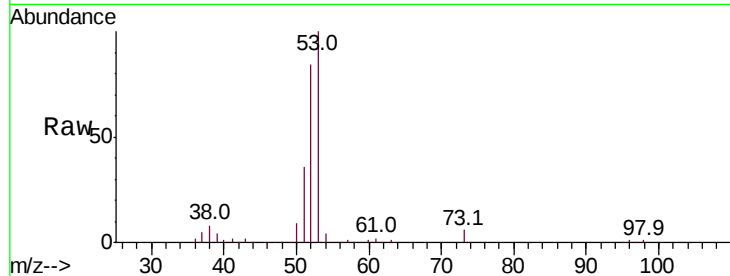
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 1247269

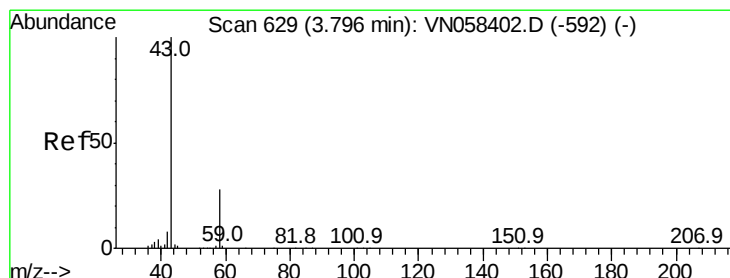
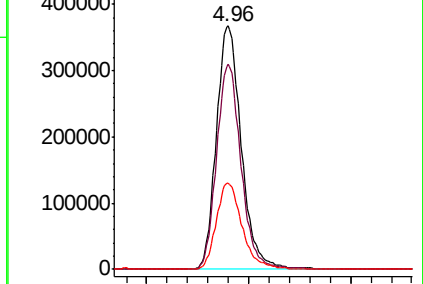
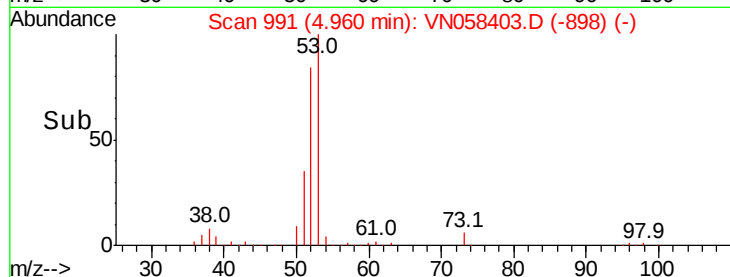
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.6	100.0
51	36.9	29.8	44.8



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 494.702 ug/l

RT: 3.79 min Scan# 628

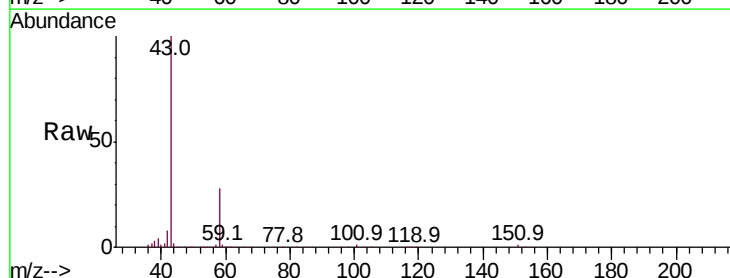
Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

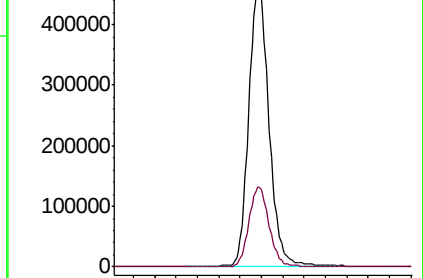
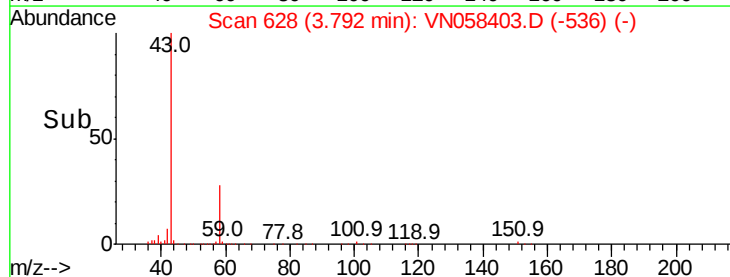
Tgt Ion: 43 Resp: 1220081

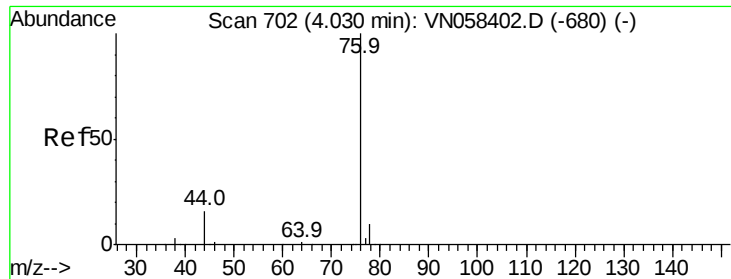
Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.4	33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

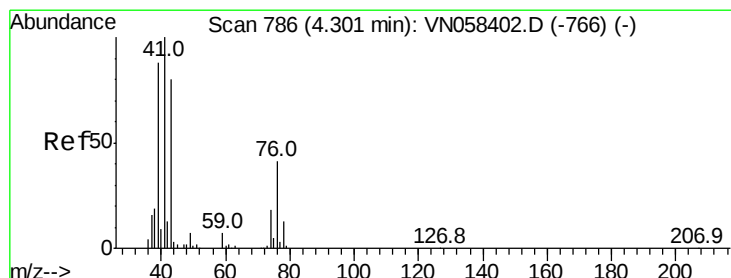
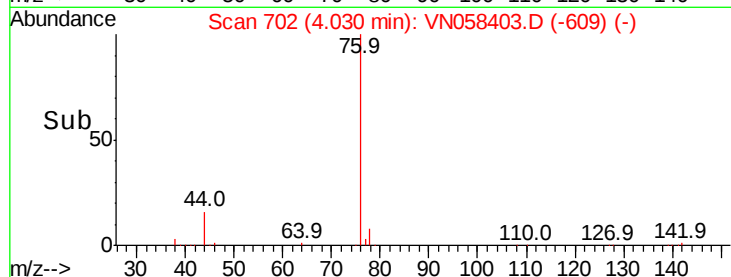
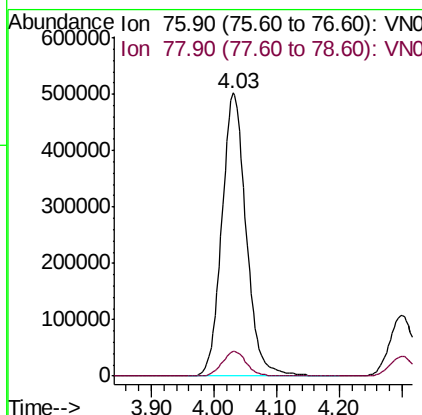
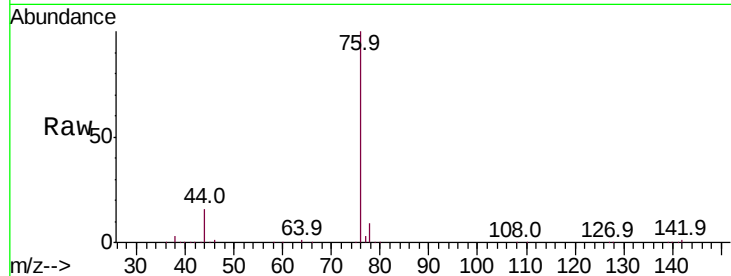




#17
Carbon Disulfide
Concen: 109.778 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

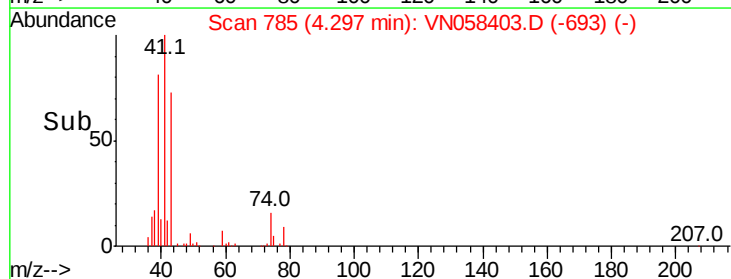
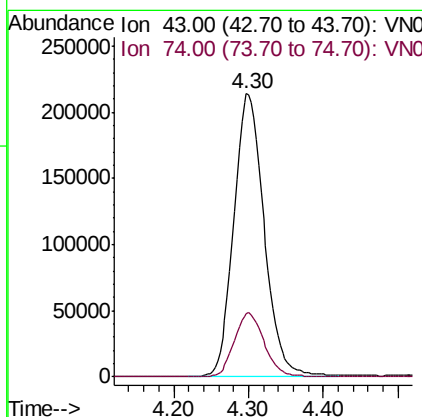
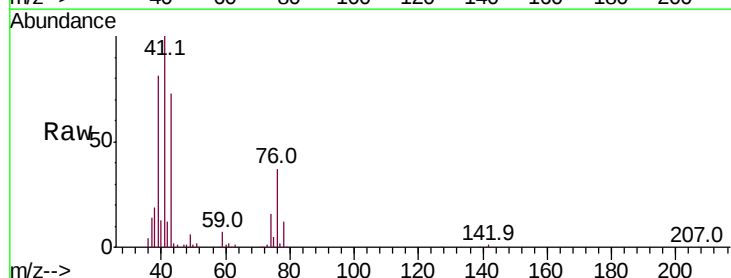
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

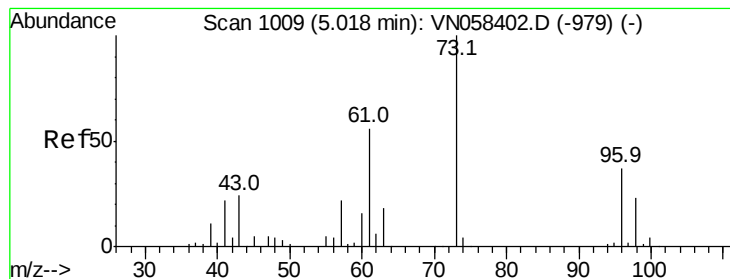
Tot Ion: 76 Resp: 1351502
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5



#18
Methyl Acetate
Concen: 97.343 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Tgt Ion: 43 Resp: 603824
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0



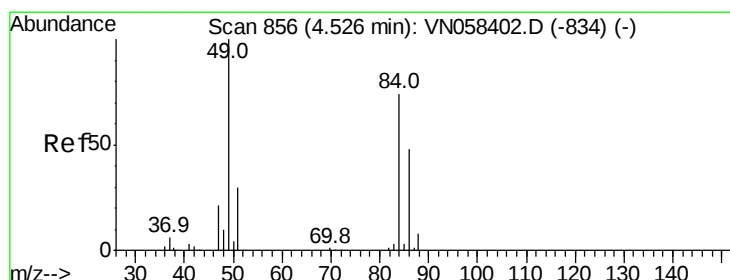
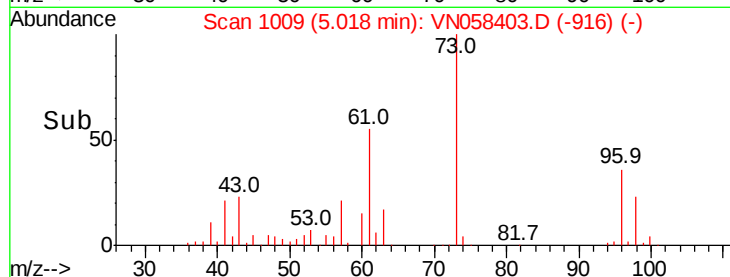
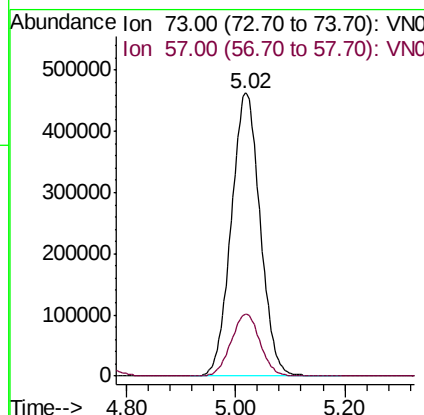
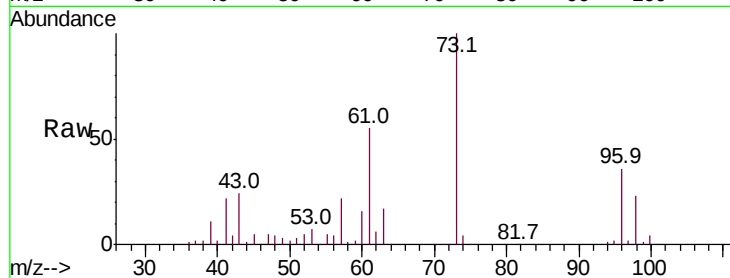


#19

Methvl tert-butvl Ether
 Concen: 103.268 ug/l
 RT: 5.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

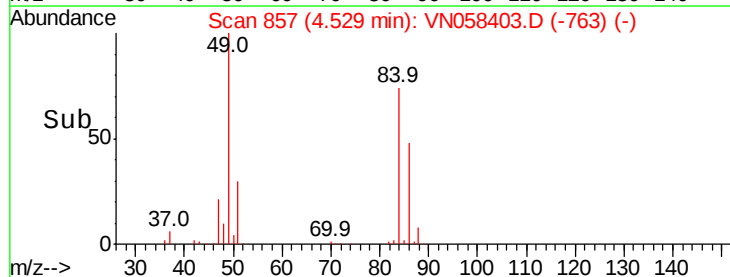
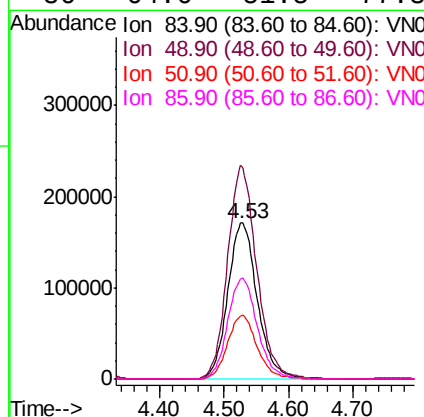
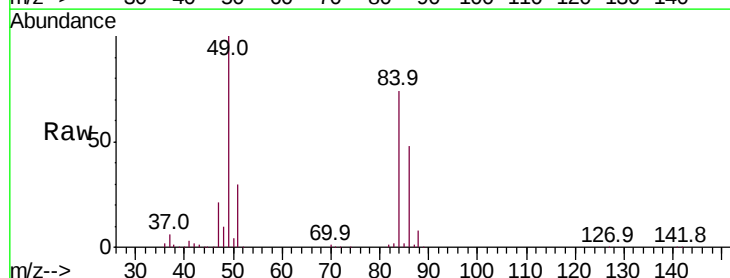
Tot Ion: 73 Resp: 1701732
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.6 26.4

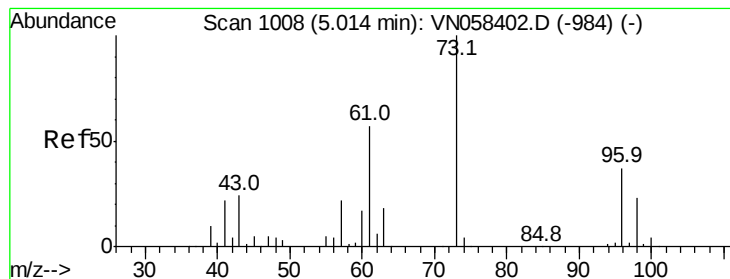


#20

Methylene Chloride
 Concen: 96.222 ug/l
 RT: 4.53 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

Tgt Ion: 84 Resp: 547652
 Ion Ratio Lower Upper
 84 100
 49 135.3 107.9 161.9
 51 41.0 32.8 49.2
 86 64.6 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 101.959 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

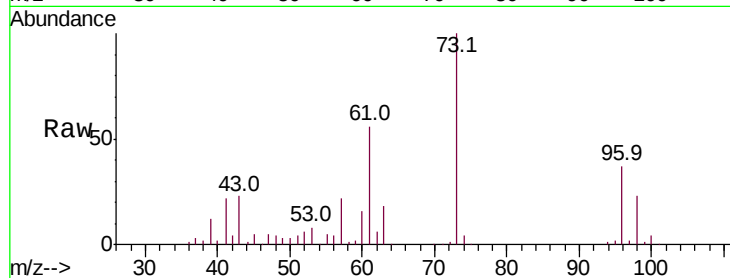
Tot Ion: 96 Resp: 529531

Ion Ratio Lower Upper

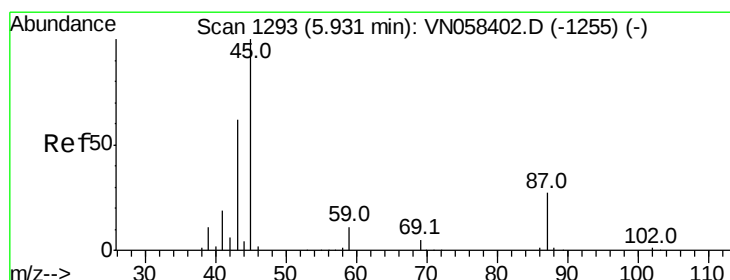
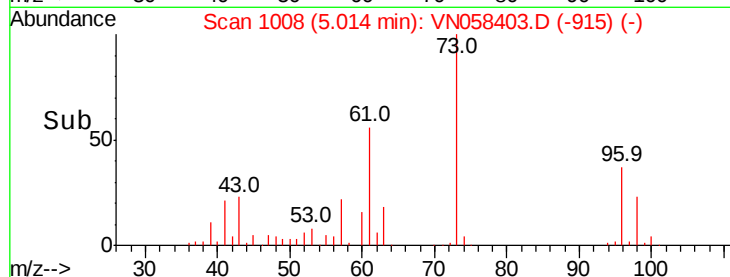
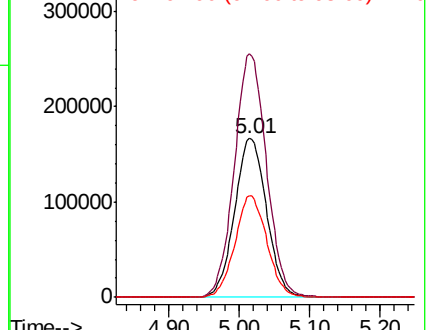
96 100

61 153.2 121.9 182.9

98 64.0 49.3 73.9



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



#22

Diisopropyl ether

Concen: 104.905 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Tgt Ion: 45 Resp: 1918718

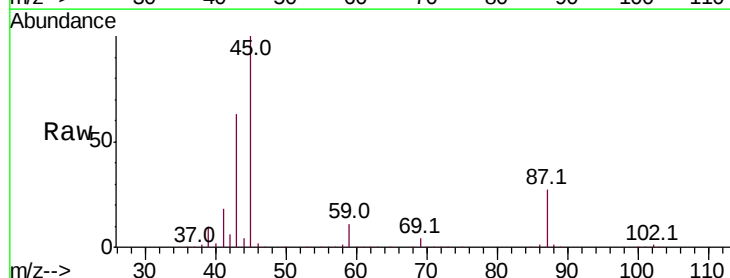
Ion Ratio Lower Upper

45 100

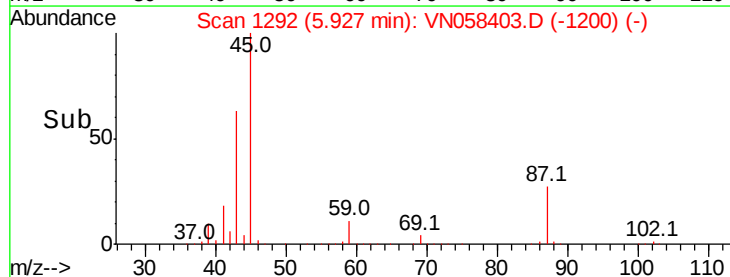
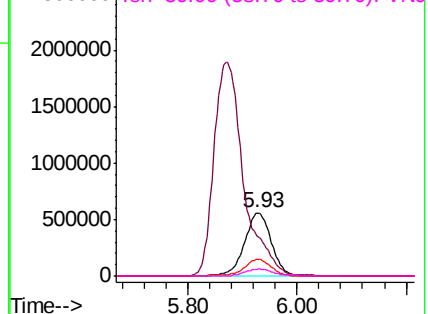
43 62.7 49.7 74.5

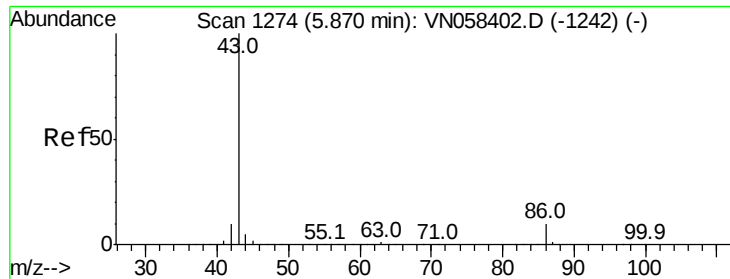
87 26.8 21.5 32.3

59 11.0 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC

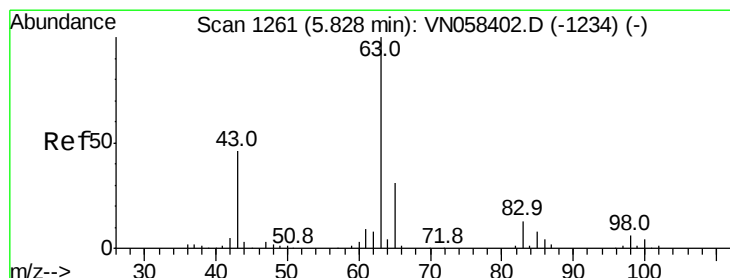
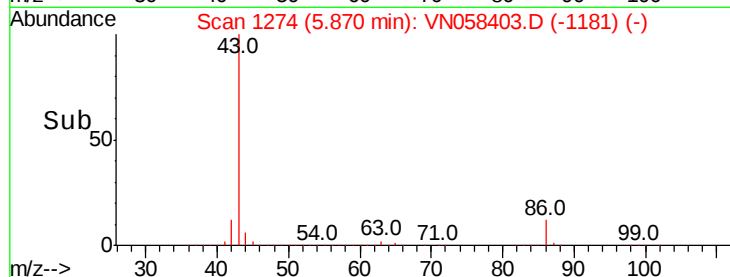
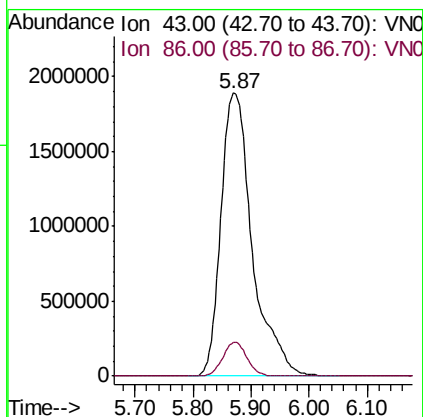
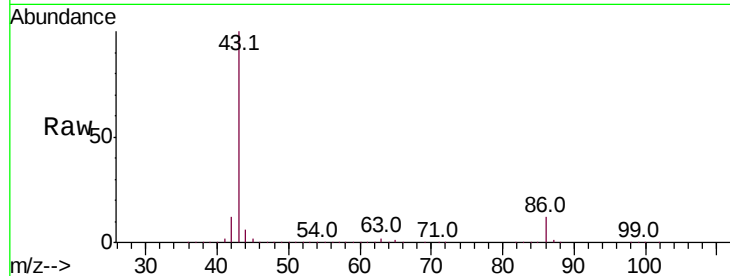




#23
 Vinyl Acetate
 Concen: 516.969 ug/l
 RT: 5.87 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

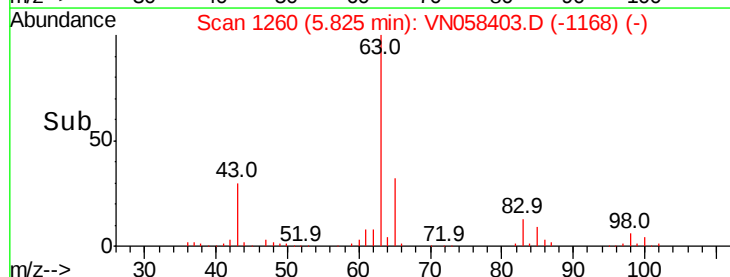
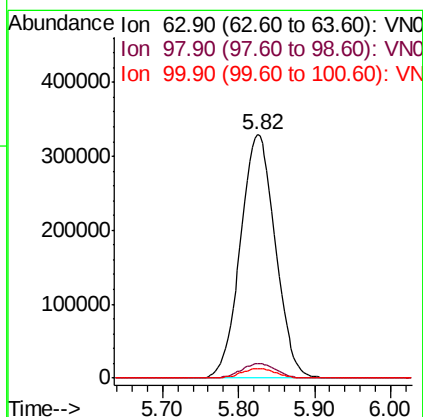
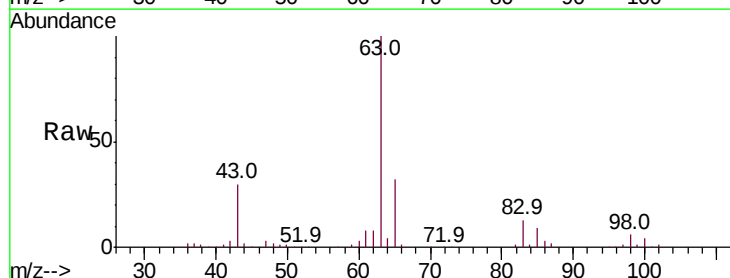
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

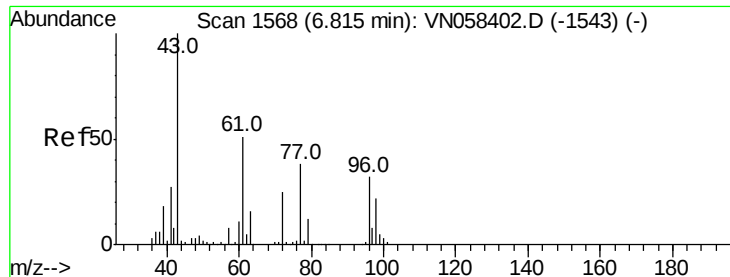
Tot Ion: 43 Resp: 7129443
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.7 11.5#



#24
 1,1-Dichloroethane
 Concen: 102.100 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

Tgt Ion: 63 Resp: 1050958
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.0
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 520.420 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

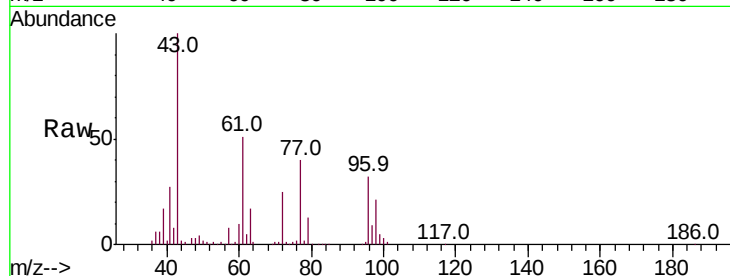
VSTDIC100

Tot Ion: 43 Resp: 1762219

Ion Ratio Lower Upper

43 100

72 25.2 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.81

600000

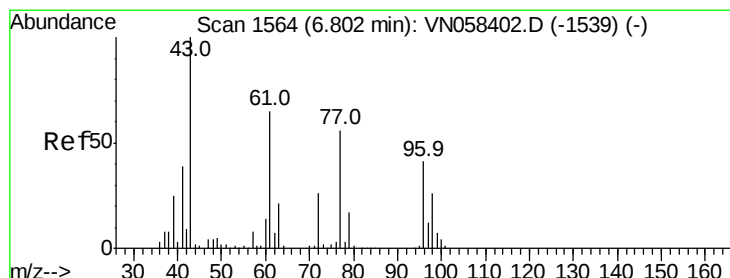
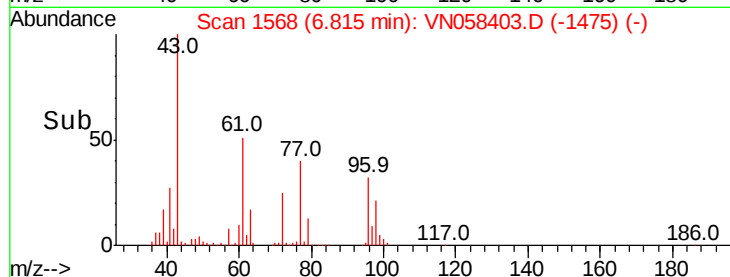
400000

200000

0

Time-->

6.70 6.80 6.90



#26

2,2-Dichloropropane

Concen: 105.988 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058403.D

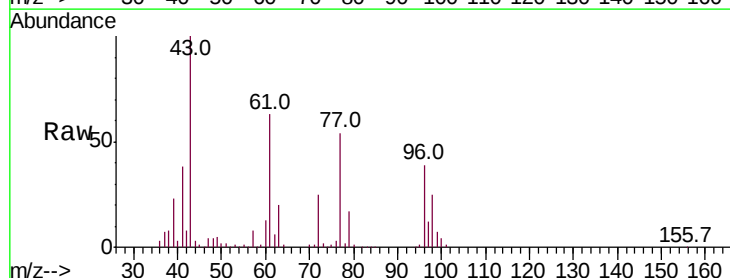
Acq: 27 Sep 2019 12:39

Tgt Ion: 77 Resp: 896915

Ion Ratio Lower Upper

77 100

97 21.3 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.80

300000

250000

200000

150000

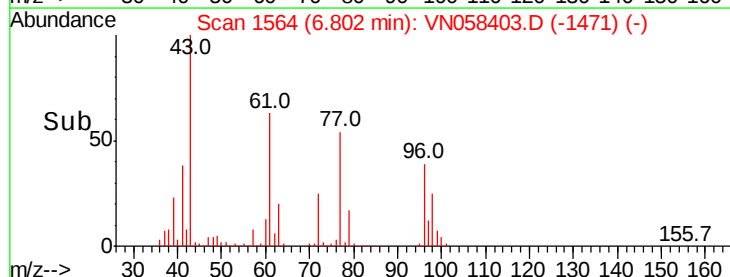
100000

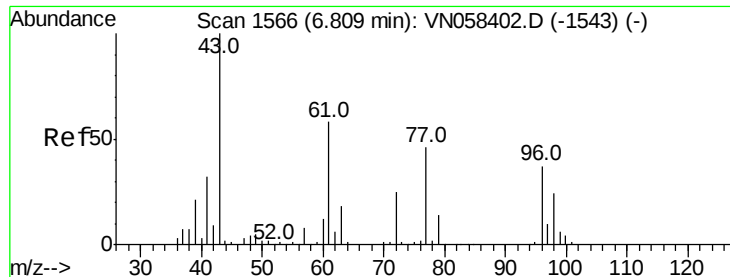
50000

0

Time-->

6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 101.199 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

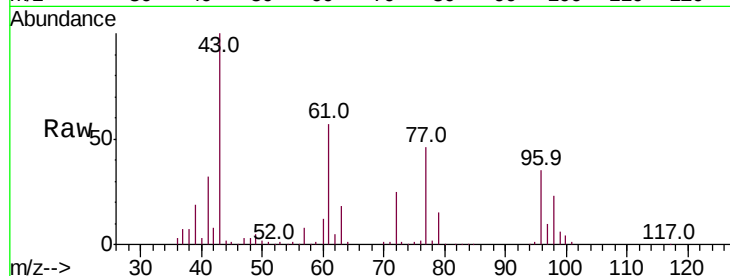
Tot Ion: 96 Resp: 614283

Ion Ratio Lower Upper

96 100

61 161.6 0.0 318.8

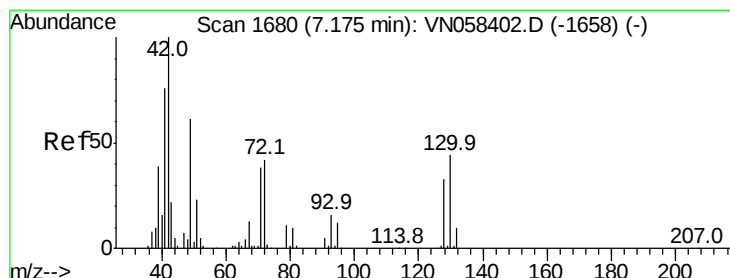
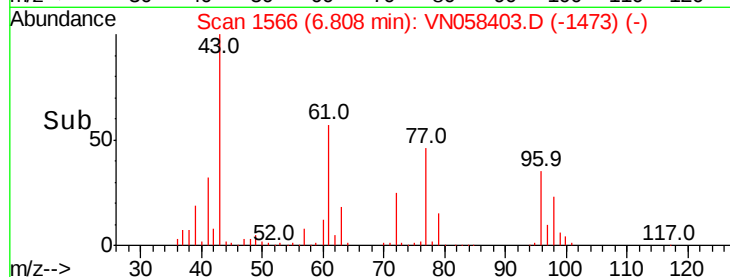
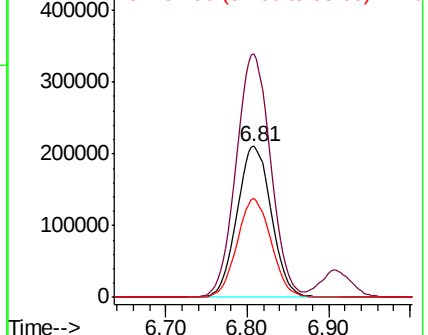
98 64.8 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 99.964 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

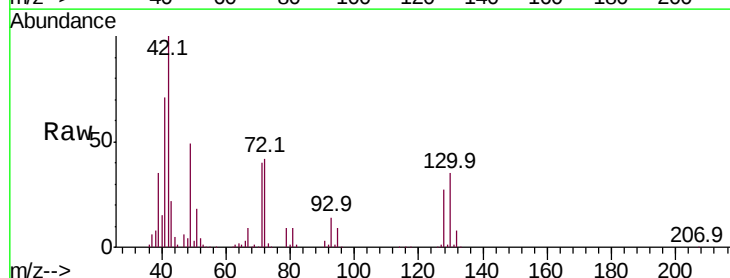
Tgt Ion: 49 Resp: 411313

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.4

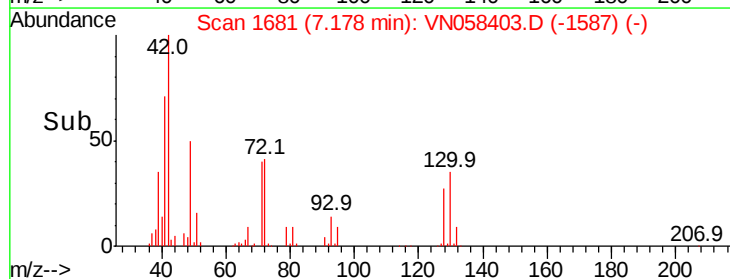
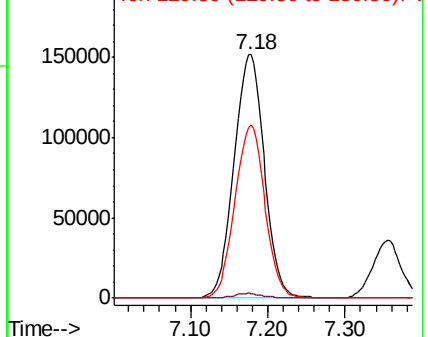
130 70.5 56.3 84.5

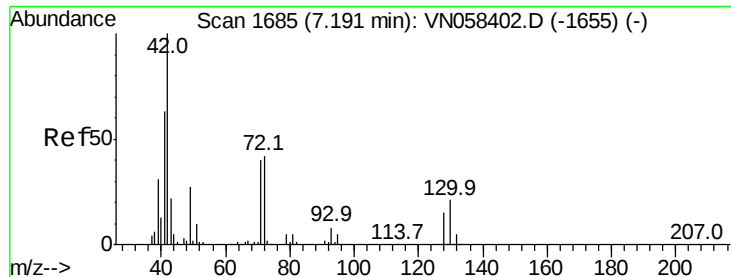


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

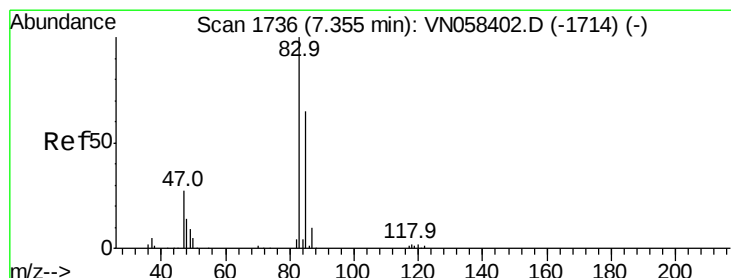
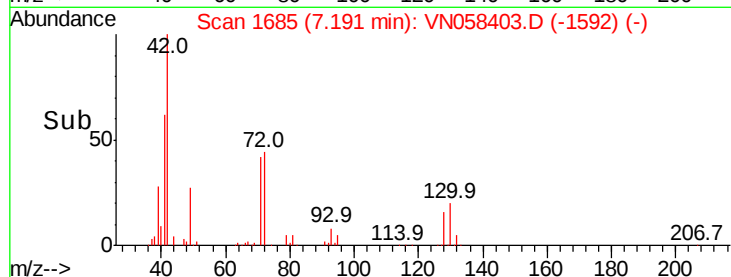
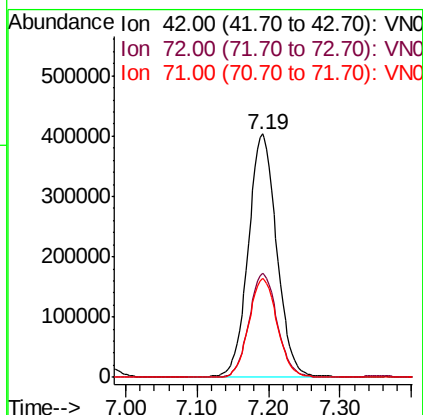
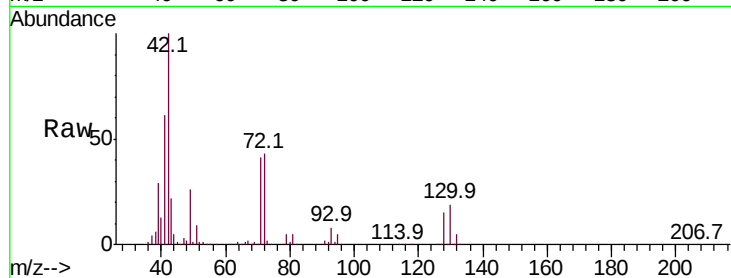




#29
Tetrahydrofuran
Concen: 519.642 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

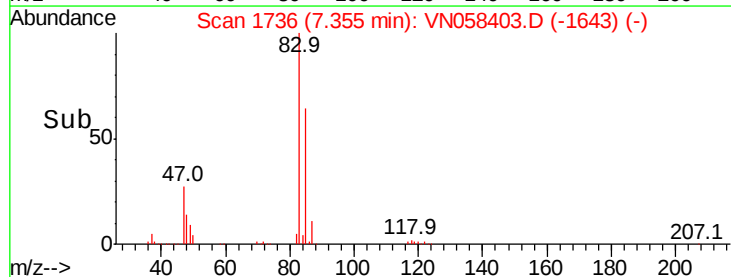
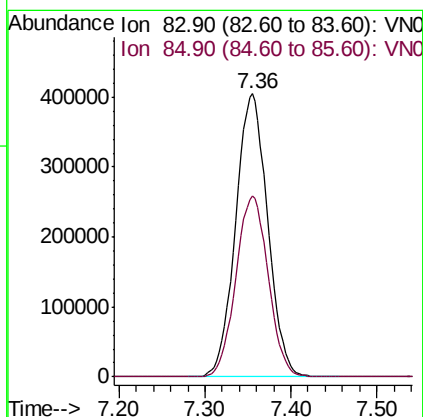
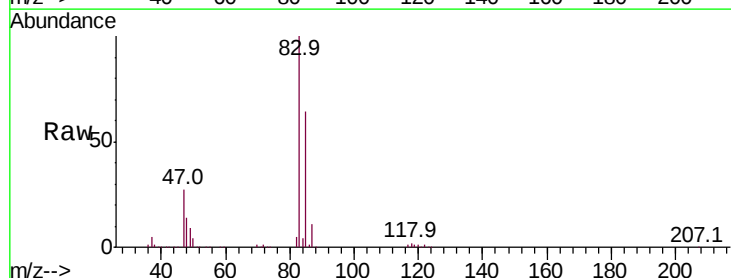
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

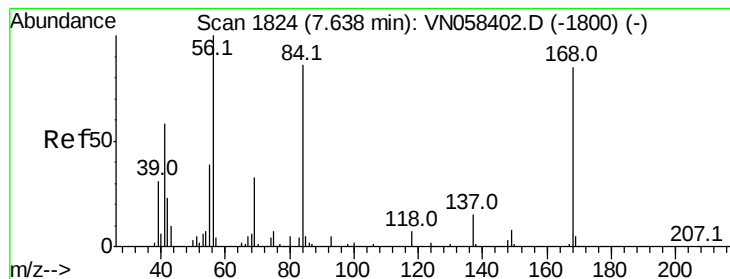
Tot Ion: 42 Resp: 1116794
Ion Ratio Lower Upper
42 100
72 42.4 33.7 50.5
71 40.5 31.8 47.6



#30
Chloroform
Concen: 100.543 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Tgt Ion: 83 Resp: 1048736
Ion Ratio Lower Upper
83 100
85 64.1 52.0 78.0





#31

Cyclohexane

Concen: 97.655 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

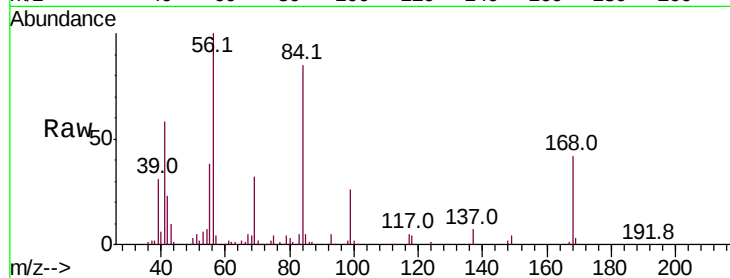
Tot Ion: 56 Resp: 977797

Ion Ratio Lower Upper

56 100

69 31.6 26.2 39.4

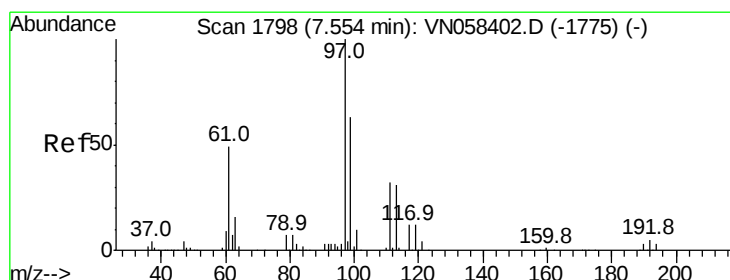
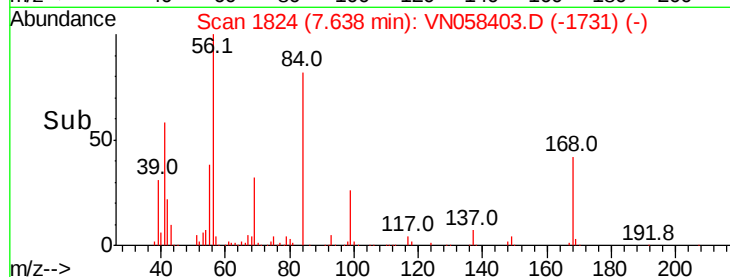
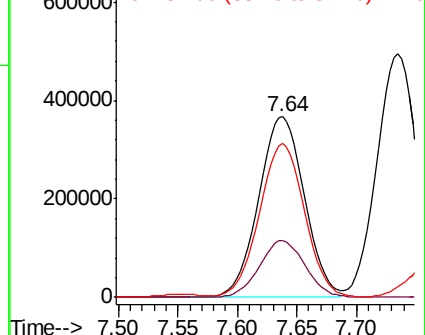
84 83.5 67.6 101.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 106.841 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

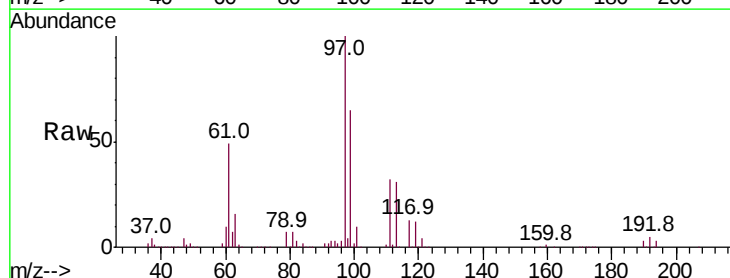
Tgt Ion: 97 Resp: 915156

Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

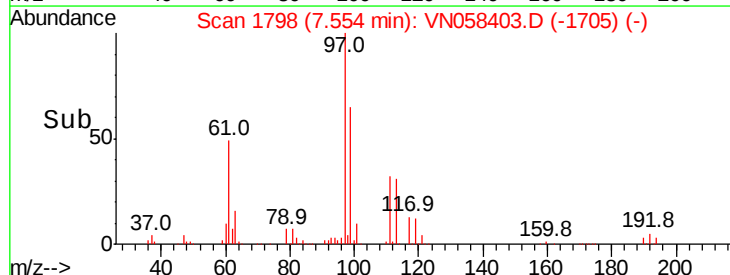
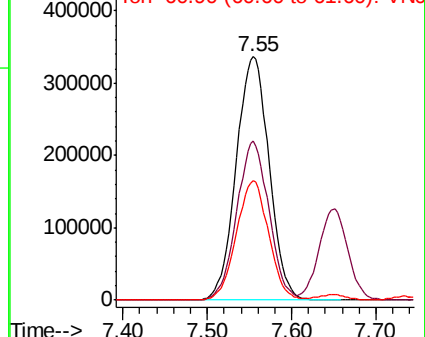
61 48.2 39.2 58.8

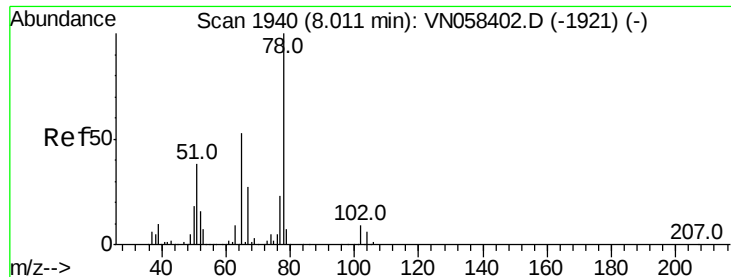


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

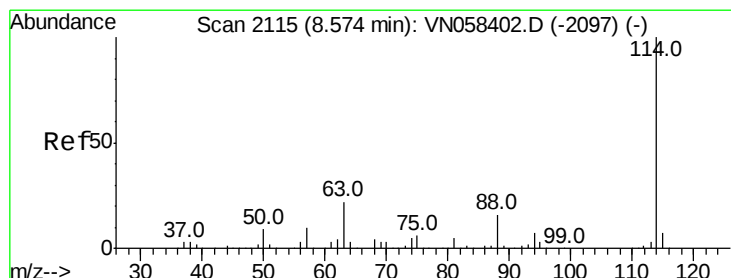
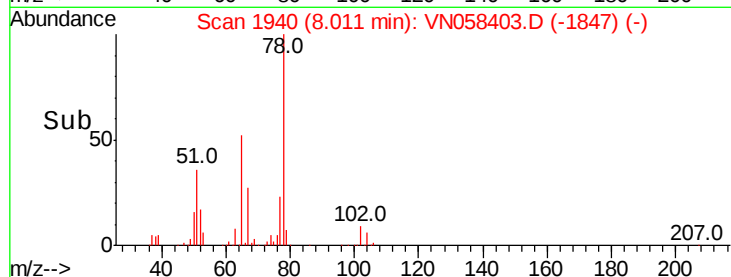
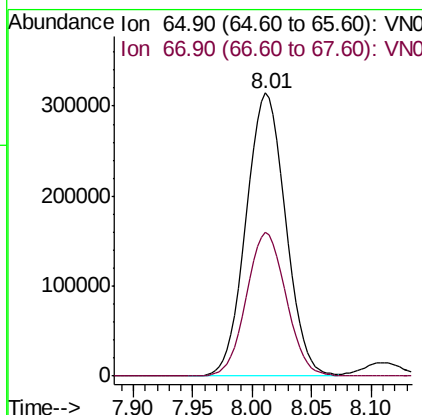
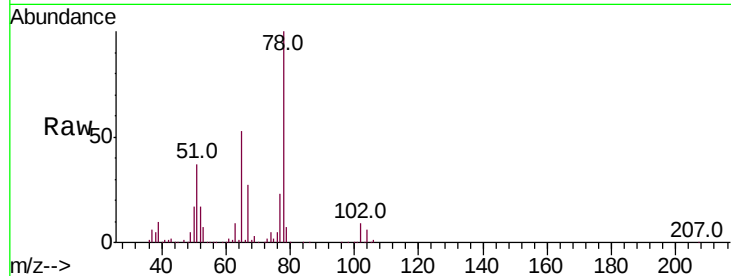




#33
 1,2-Dichloroethane-d4
 Concen: 100.200 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

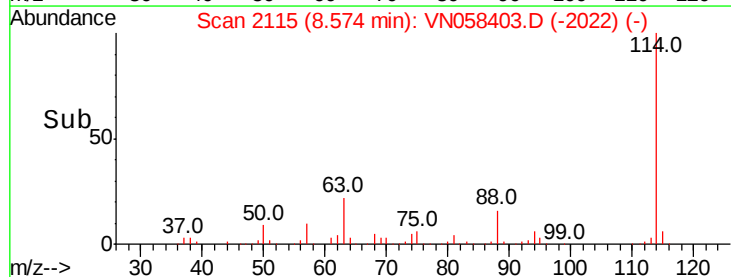
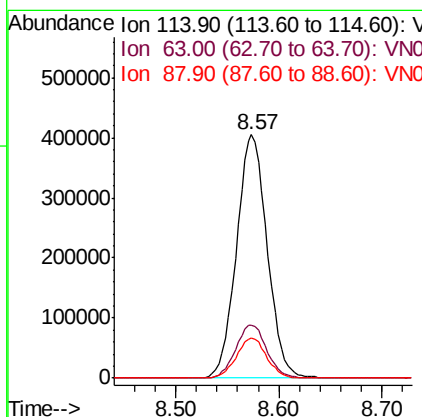
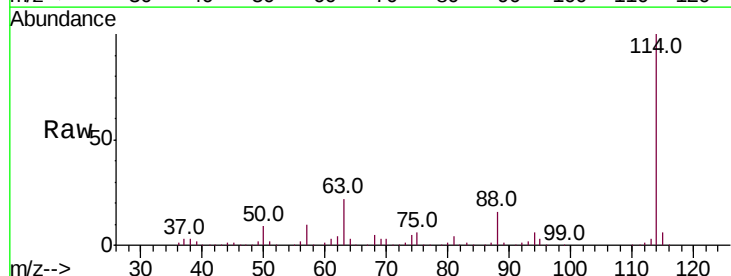
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

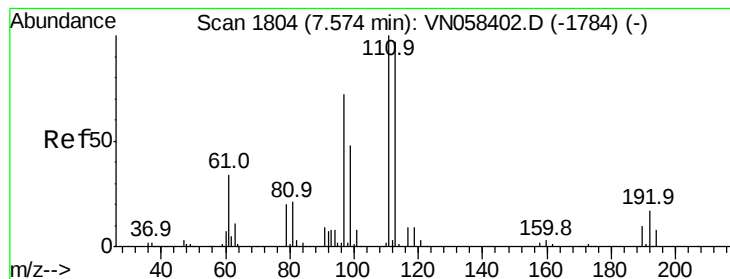
Tot Ion: 65 Resp: 724932
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

Tgt Ion: 114 Resp: 838310
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.0
 88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 102.758 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

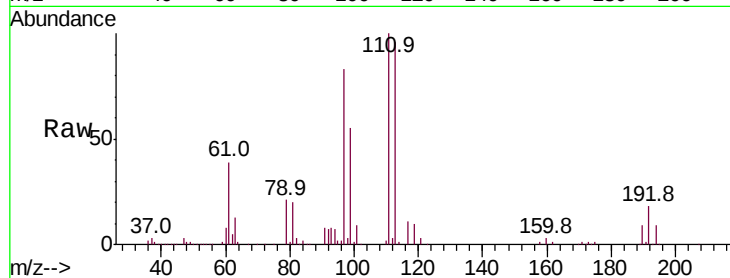
Tot Ion:113 Resp: 527964

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

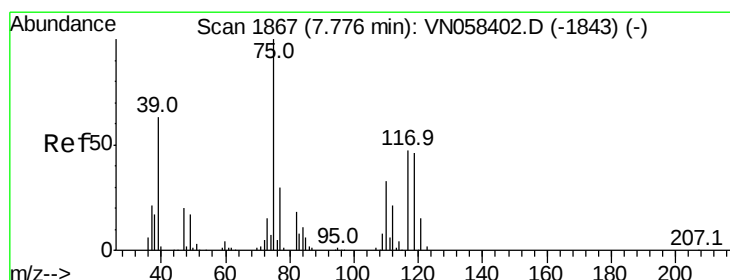
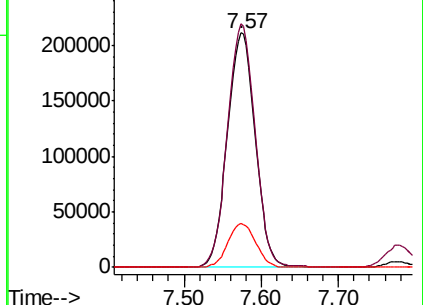
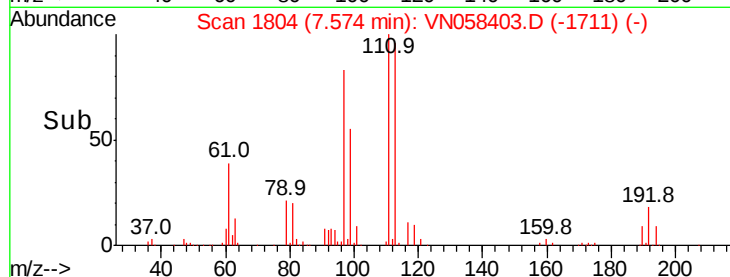
192 18.7 14.9 22.3



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: 103.306 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

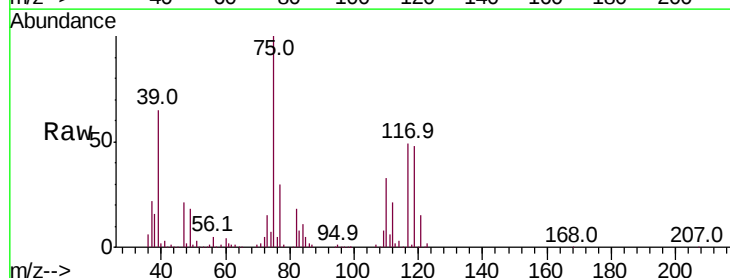
Tgt Ion: 75 Resp: 828087

Ion Ratio Lower Upper

75 100

110 32.5 16.4 49.2

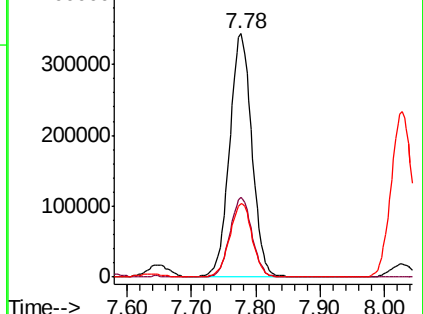
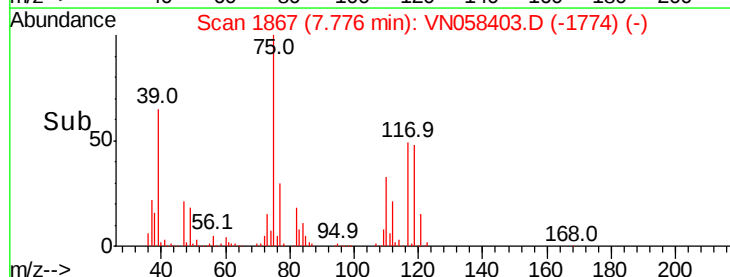
77 30.8 24.3 36.5

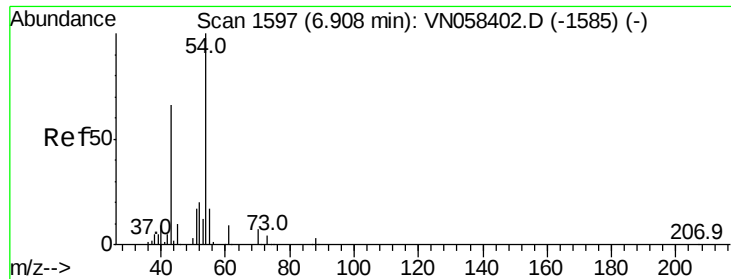


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

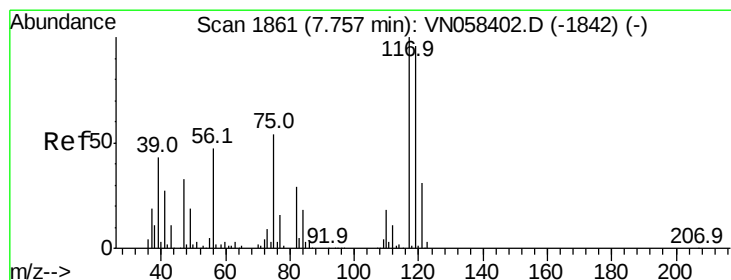
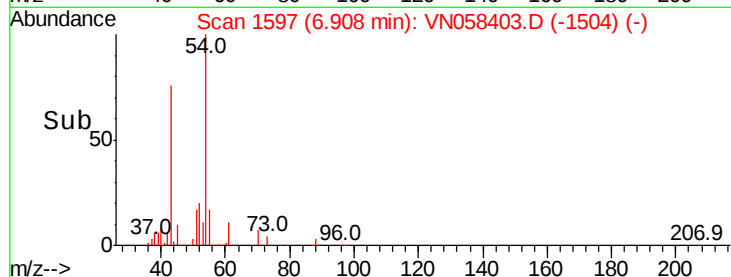
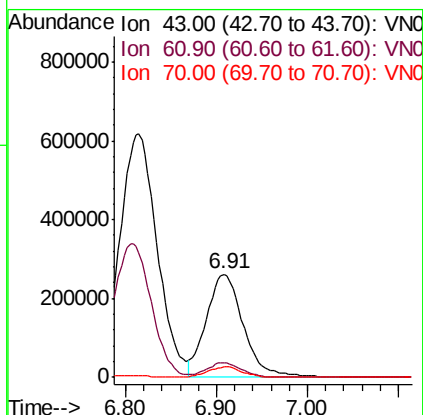
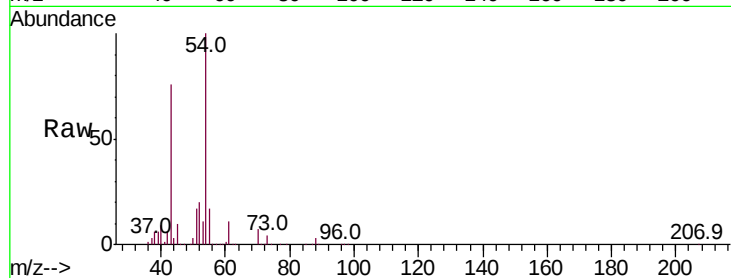




#37
Ethyl Acetate
Concen: 107.804 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

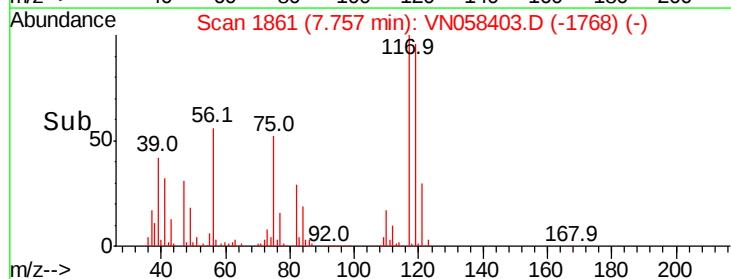
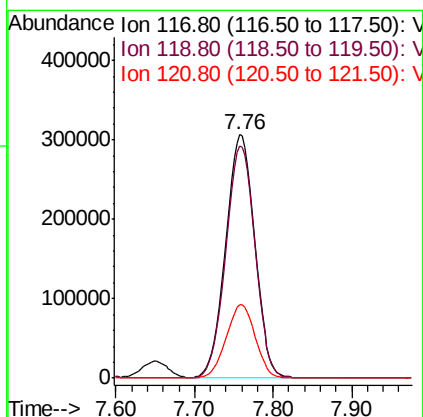
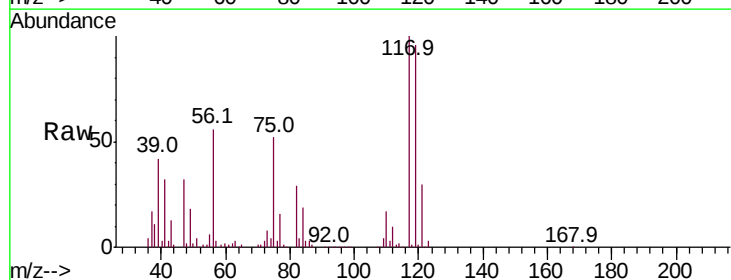
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

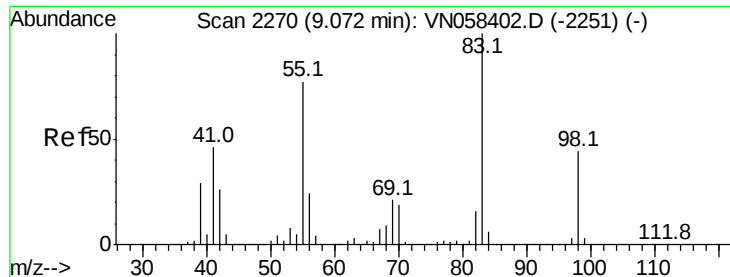
Tot Ion: 43 Resp: 732651
Ion Ratio Lower Upper
43 100
61 13.7 10.5 15.7
70 9.7 7.8 11.6



#38
Carbon Tetrachloride
Concen: 108.348 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Tgt Ion: 117 Resp: 783954
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0
121 30.1 24.7 37.1

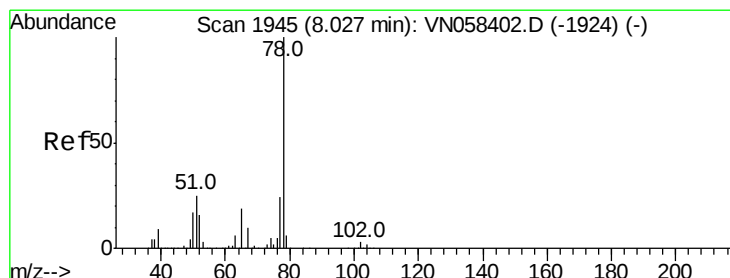
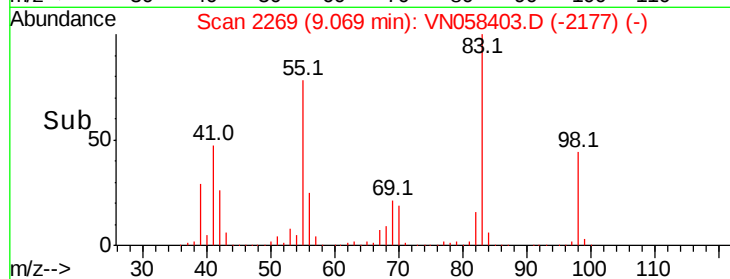
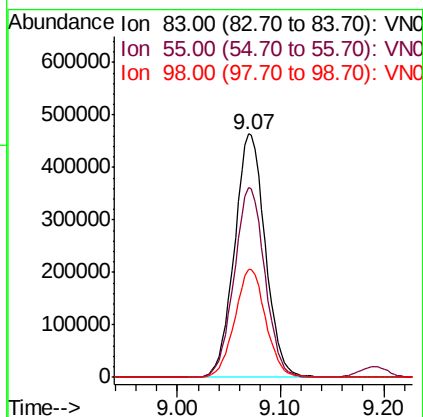
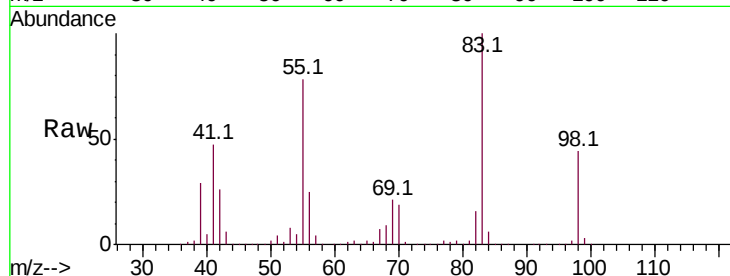




#39
Methvlcvclohexane
Concen: 103.067 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

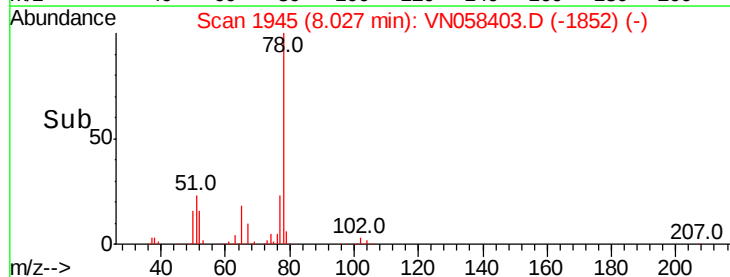
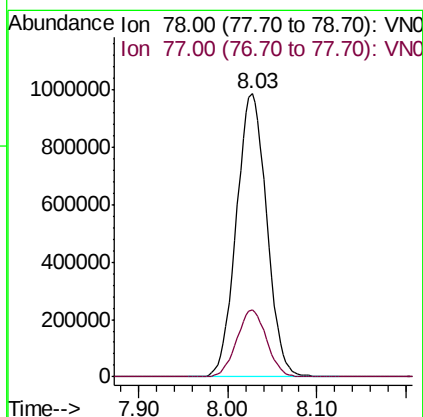
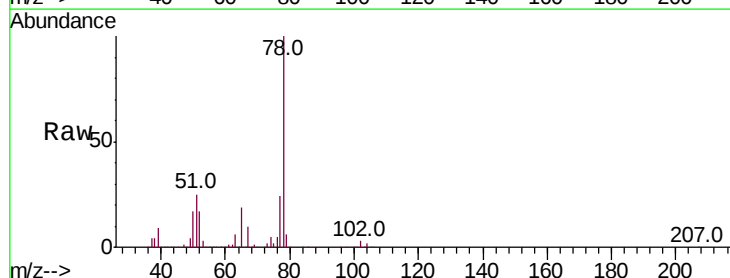
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

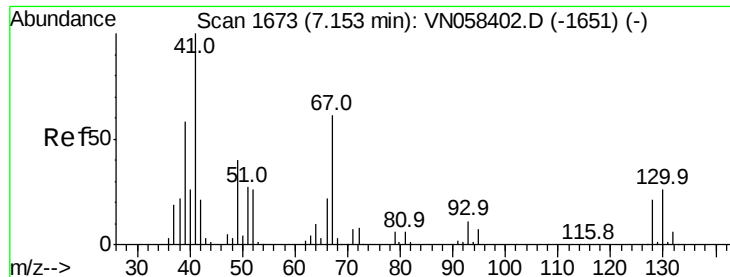
Tot Ion: 83 Resp: 964790
Ion Ratio Lower Upper
83 100
55 78.2 61.8 92.6
98 44.2 35.4 53.0



#40
Benzene
Concen: 101.129 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Tgt Ion: 78 Resp: 2330146
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

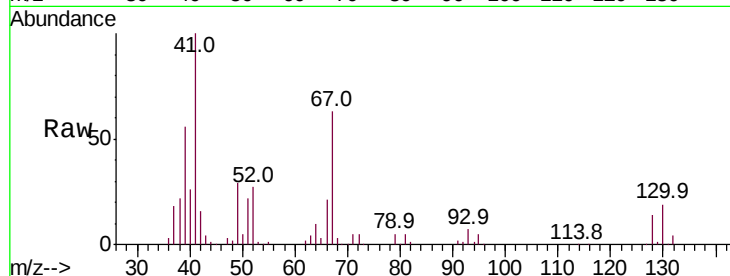




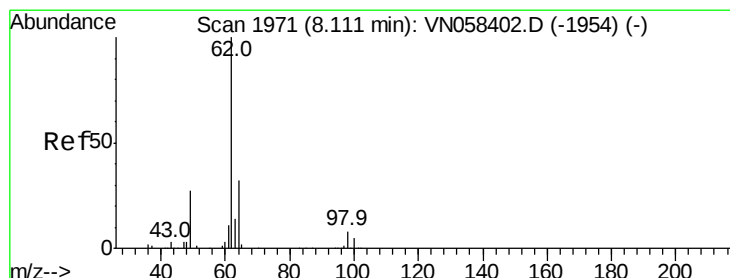
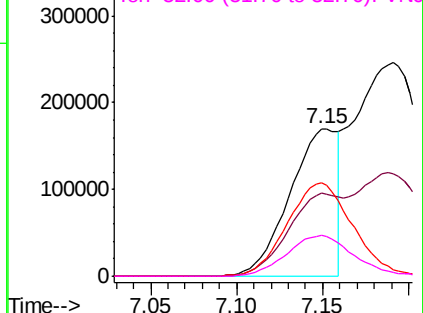
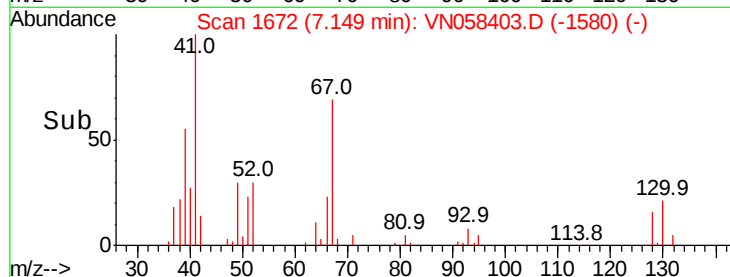
#41
Methacrylonitrile
Concen: 106.035 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 41 Resp: 331524
Ion Ratio Lower Upper
41 100
39 61.9 50.2 75.4
67 86.7 70.2 105.4
52 38.4 31.4 47.0

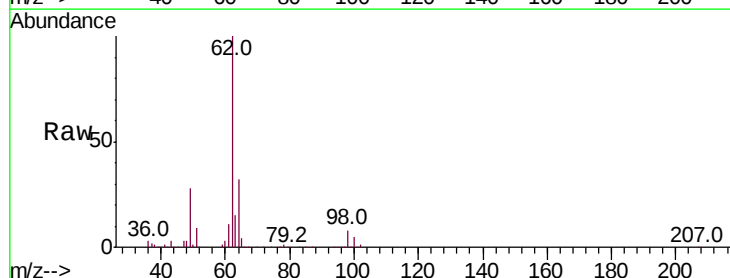


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

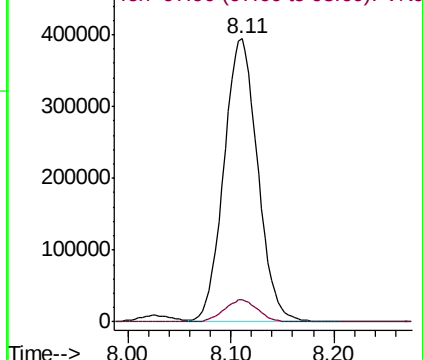
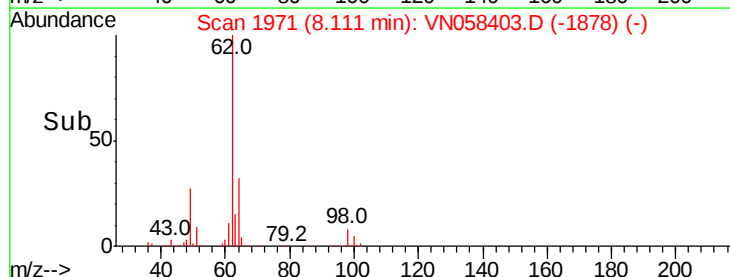


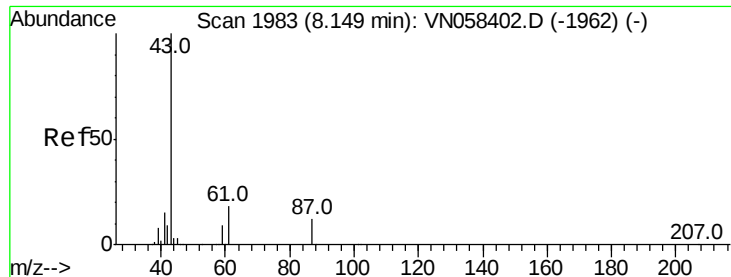
#42
1,2-Dichloroethane
Concen: 100.265 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Tgt Ion: 62 Resp: 898808
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 101.033 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

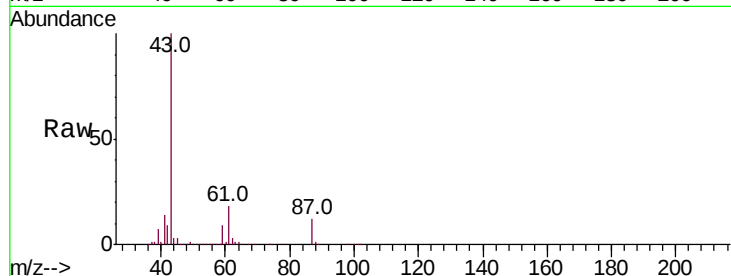
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1291194

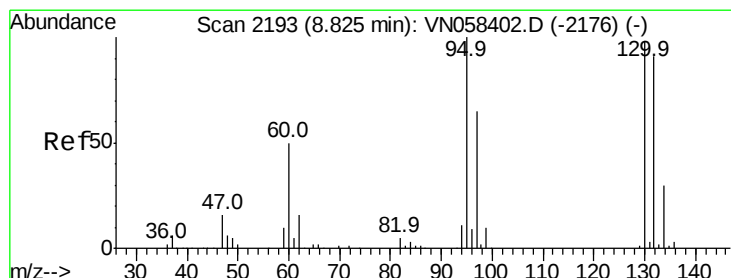
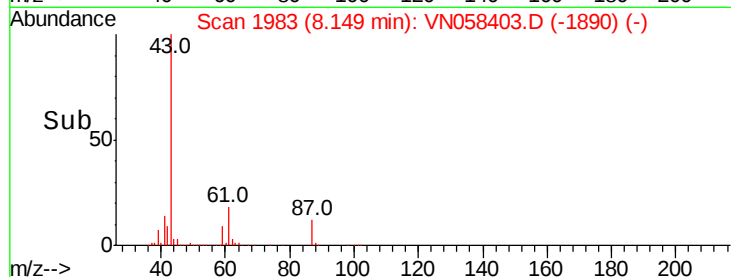
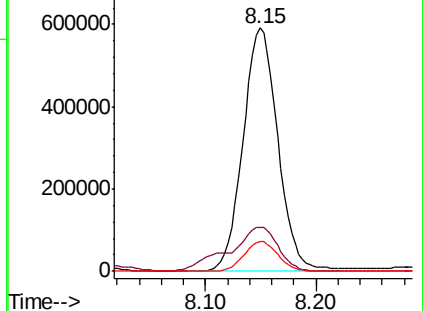
Ion	Ratio	Lower	Upper
43	100		
61	25.7	14.8	22.2#
87	12.1	9.7	14.5



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN058402.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN058402.D (-1962) (-)



#44

Trichloroethene

Concen: 102.747 ug/l

RT: 8.82 min Scan# 2193

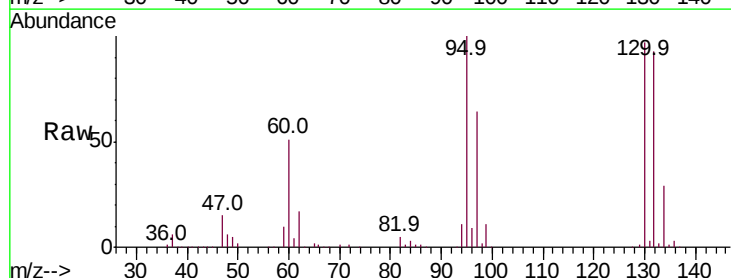
Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

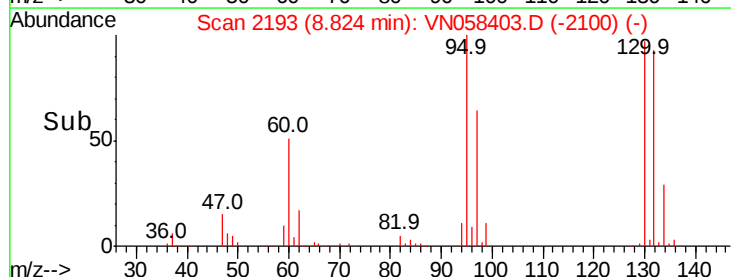
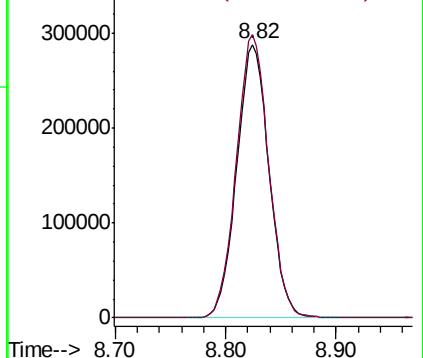
Tgt Ion:130 Resp: 584563

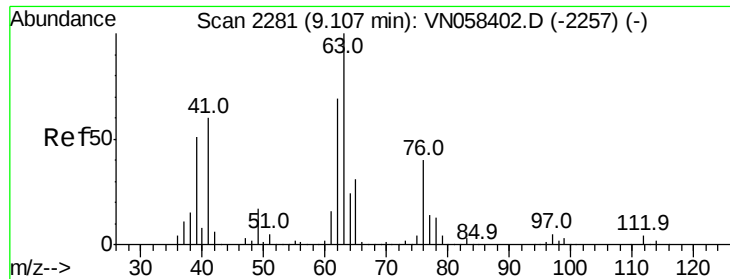
Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058402.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058402.D (-2176) (-)

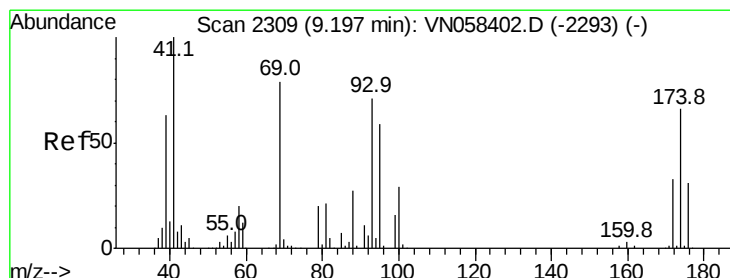
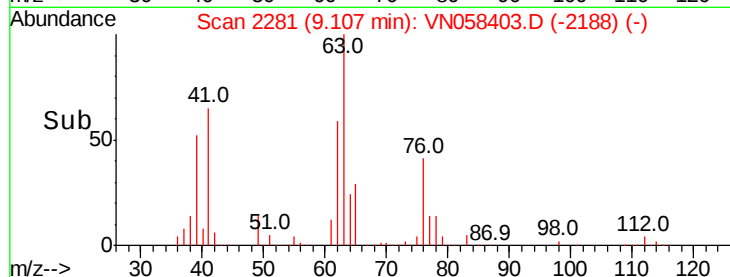
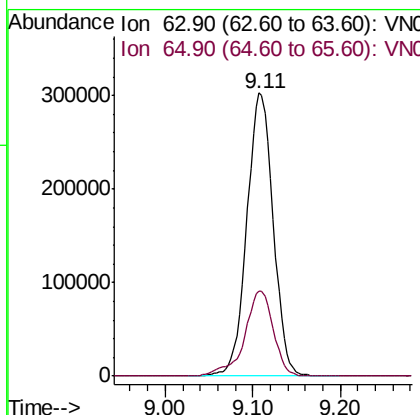
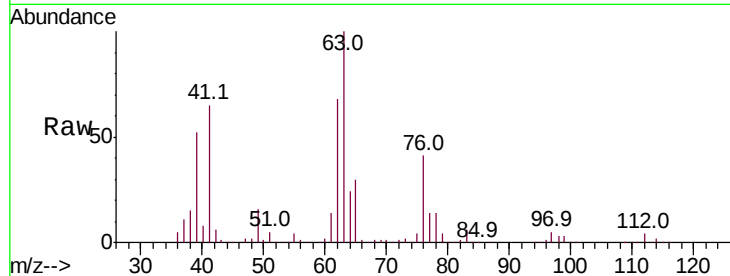




#45
 1,2-Dichloropropane
 Concen: 102.365 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

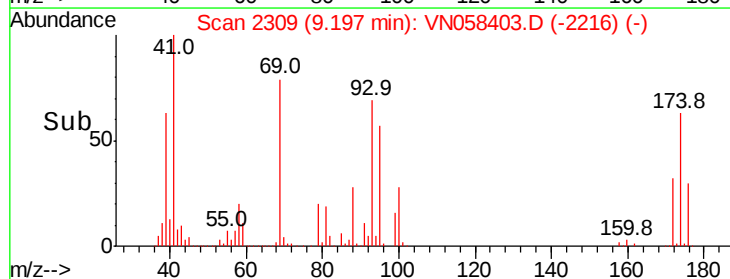
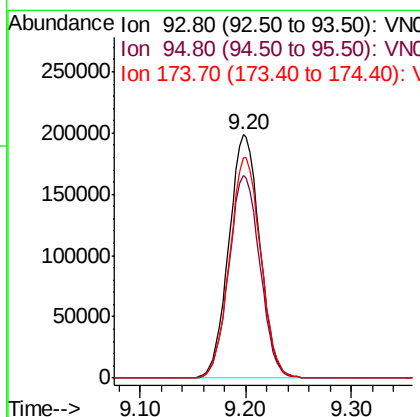
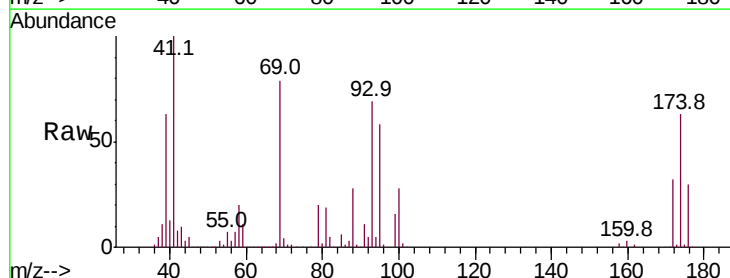
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

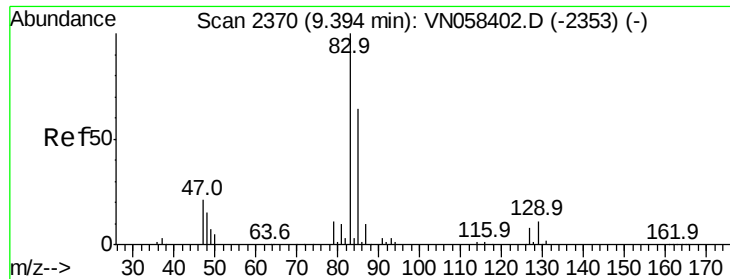
Tot Ion: 63 Resp: 632573
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.4



#46
 Dibromomethane
 Concen: 103.150 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

Tgt Ion: 93 Resp: 403673
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.4
 174 91.0 74.2 111.2





#47

Bromodichloromethane

Concen: 110.249 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

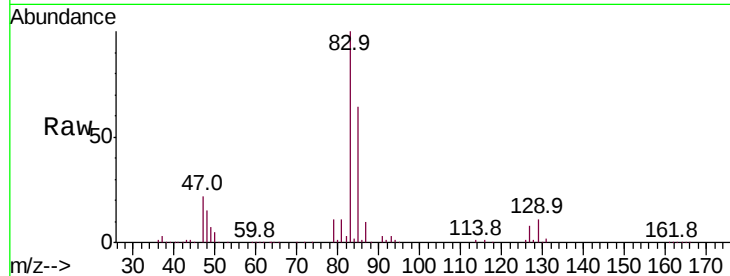
Tot Ion: 83 Resp: 817461

Ion Ratio Lower Upper

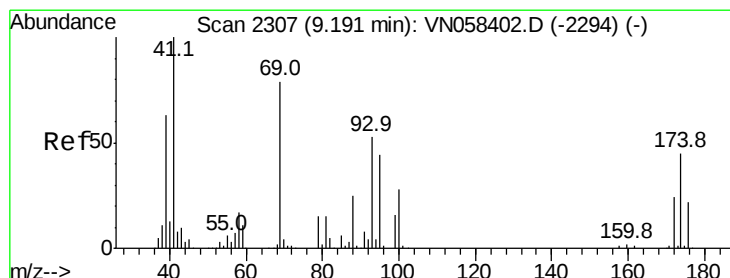
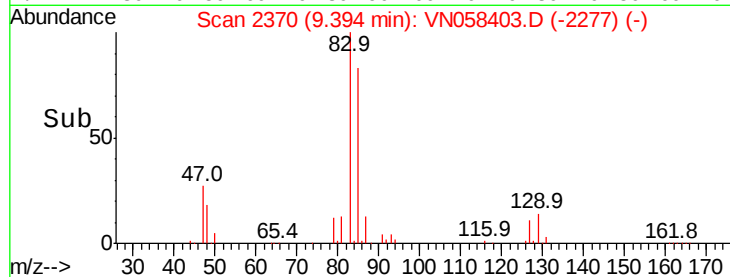
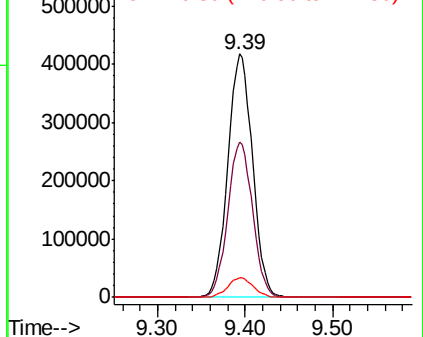
83 100

85 63.8 51.2 76.8

127 8.1 6.3 9.5



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



#48

Methyl methacrylate

Concen: 105.650 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

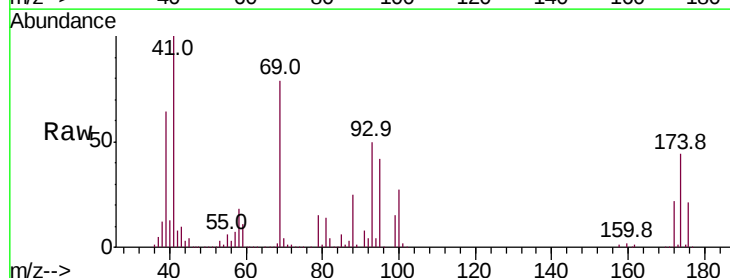
Tgt Ion: 41 Resp: 614803

Ion Ratio Lower Upper

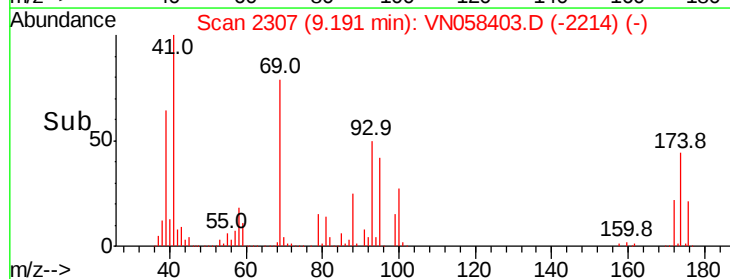
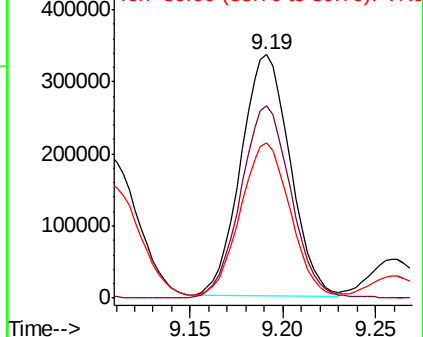
41 100

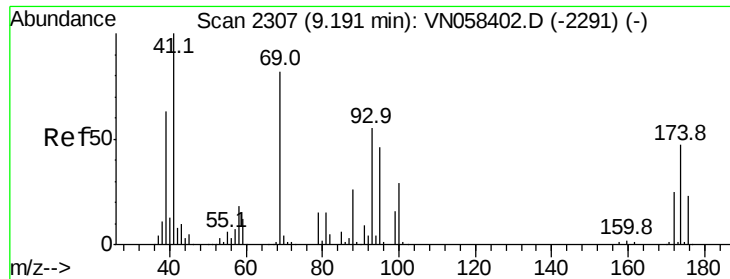
69 81.4 64.7 97.1

39 65.9 52.9 79.3



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





#49

1,4-Dioxane

Concen: 2238.973 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

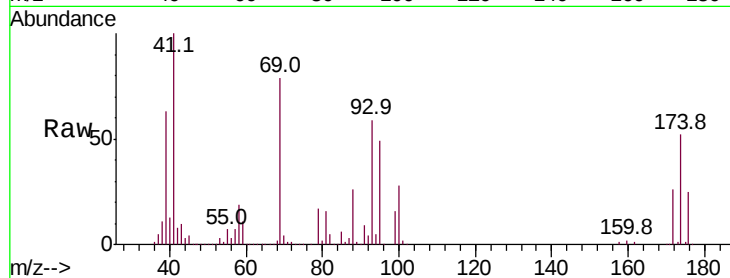
Tot Ion: 88 Resp: 174217

Ion Ratio Lower Upper

88 100

43 36.6 31.1 46.7

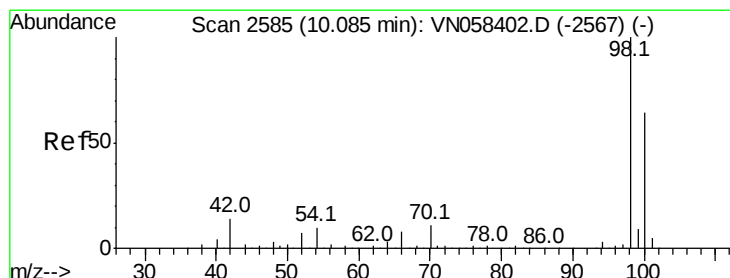
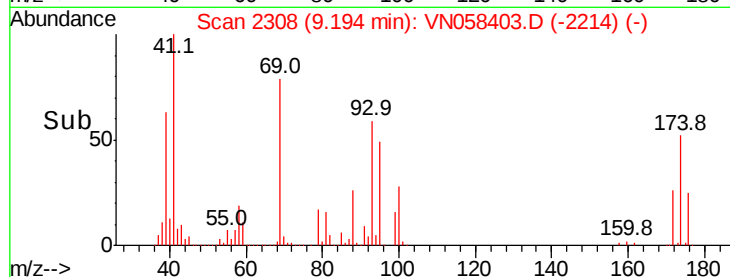
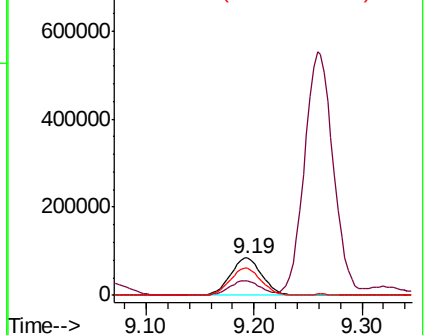
58 71.4 58.1 87.1



Abundance Ion 88.00 (87.70 to 88.70): VN058403.D (-2214) (-)

Ion 43.00 (42.70 to 43.70): VN058403.D (-2214) (-)

Ion 58.00 (57.70 to 58.70): VN058403.D (-2214) (-)



#50

Toluene-d8

Concen: 102.029 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058403.D

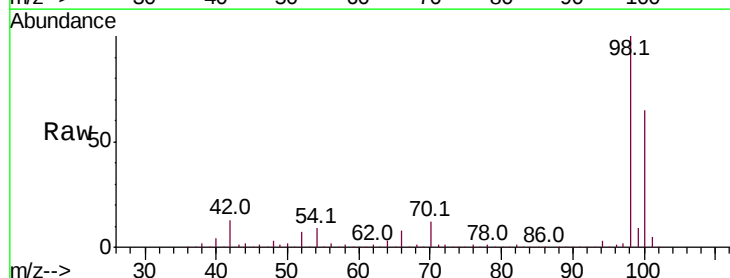
Acq: 27 Sep 2019 12:39

Tgt Ion: 98 Resp: 2053569

Ion Ratio Lower Upper

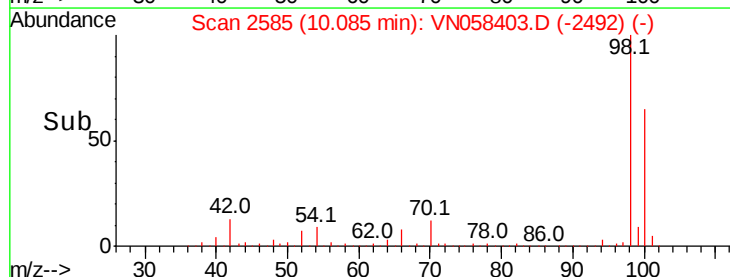
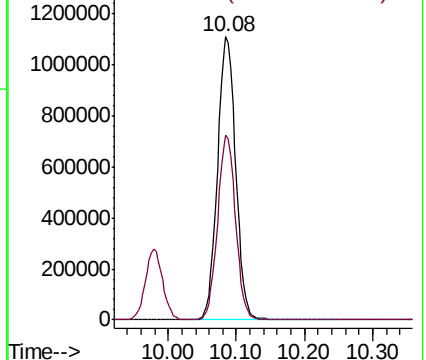
98 100

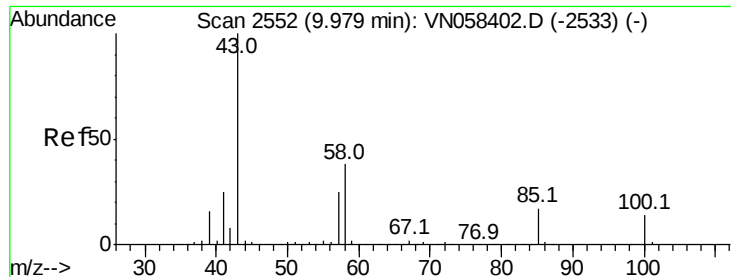
100 64.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058403.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058403.D (-2492) (-)





#51

4-Methyl-2-Pentanone

Concen: 505.545 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

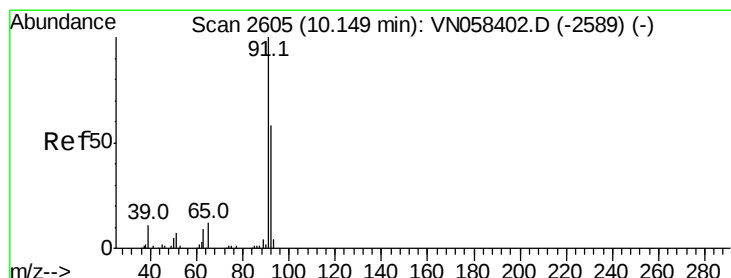
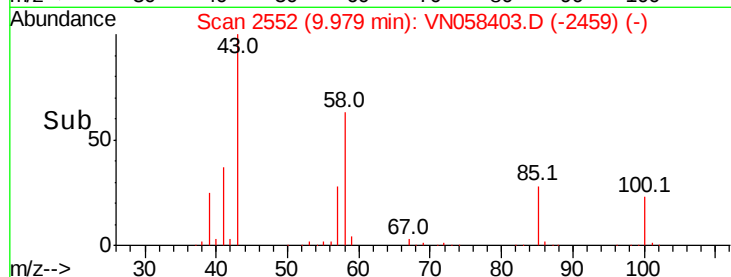
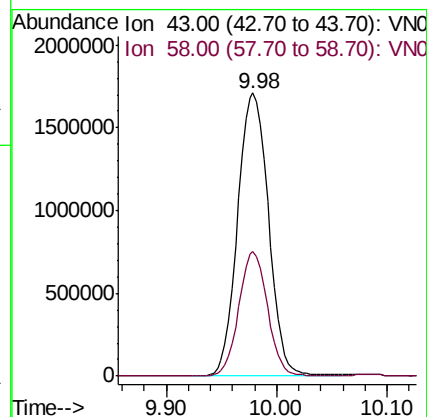
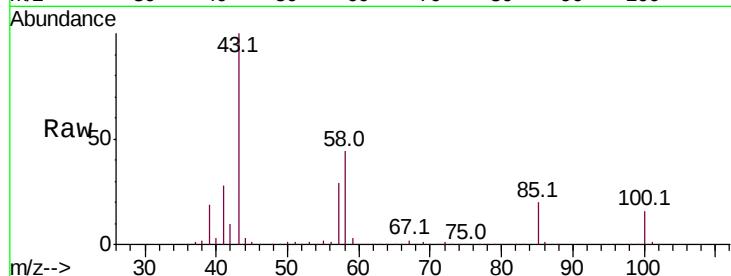
VSTDIC100

Tot Ion: 43 Resp: 3318680

Ion Ratio Lower Upper

43 100

58 41.1 30.2 45.2



#52

Toluene

Concen: 101.401 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058403.D

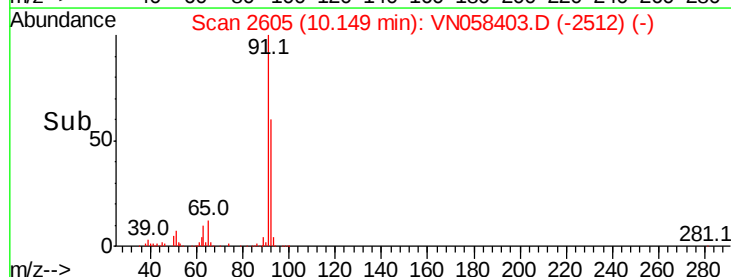
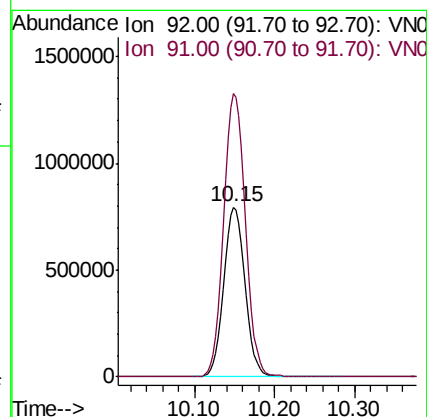
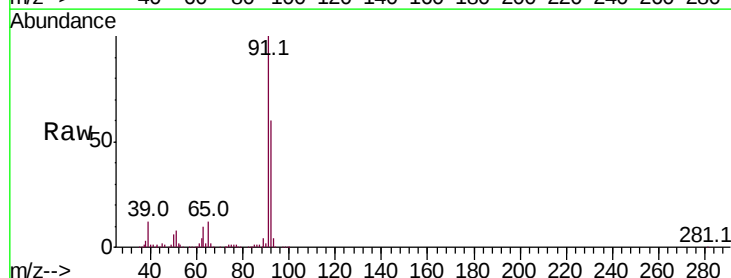
Acq: 27 Sep 2019 12:39

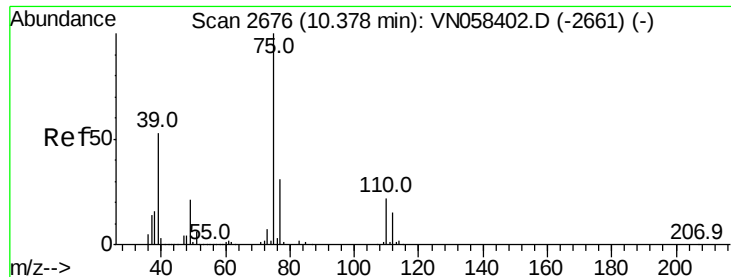
Tgt Ion: 92 Resp: 1470617

Ion Ratio Lower Upper

92 100

91 170.4 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 116.167 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

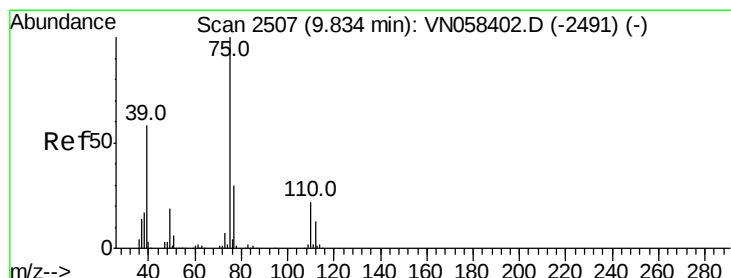
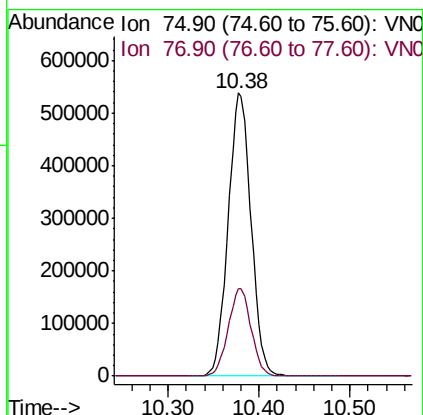
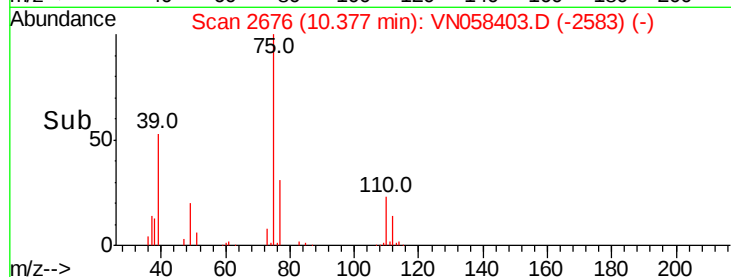
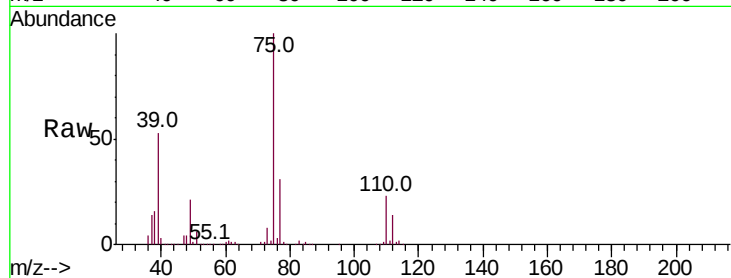
VSTDICC100

Tot Ion: 75 Resp: 937509

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 112.724 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

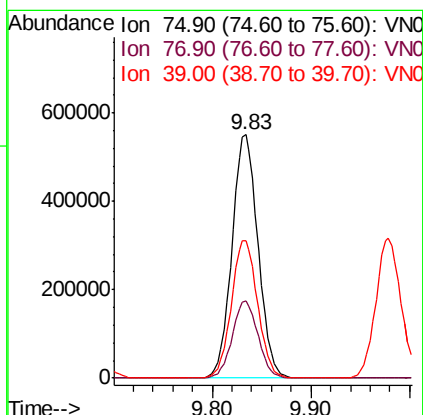
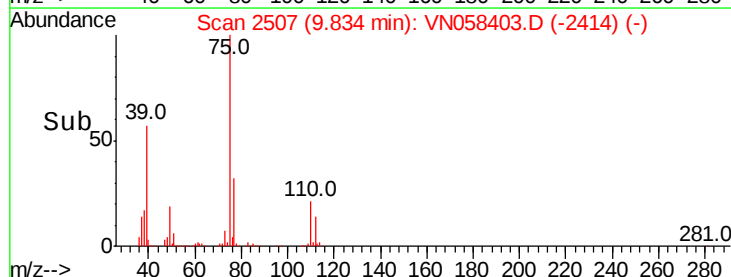
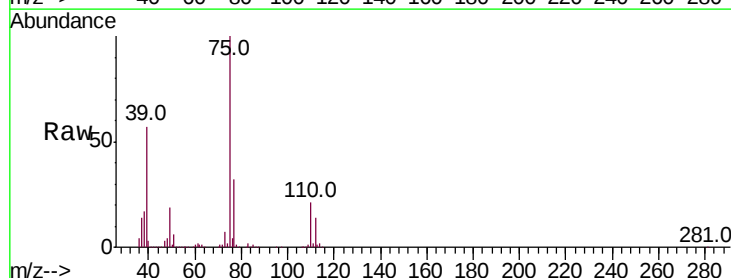
Tgt Ion: 75 Resp: 1009826

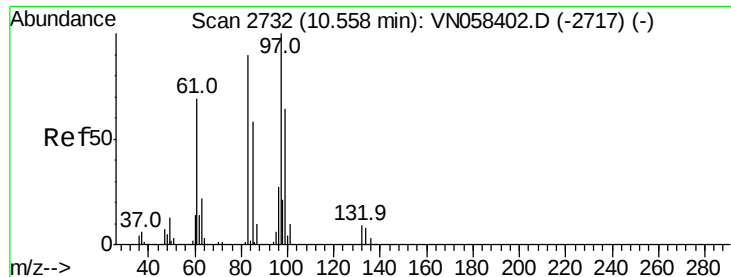
Ion Ratio Lower Upper

75 100

77 31.7 24.2 36.4

39 56.6 46.4 69.6





#55

1,1,2-Trichloroethane

Concen: 103.781 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 548044

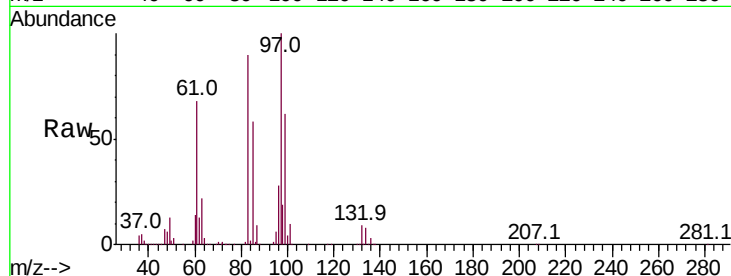
Ion Ratio Lower Upper

97 100

83 90.4 71.8 107.6

85 58.3 46.6 69.8

99 62.1 51.5 77.3

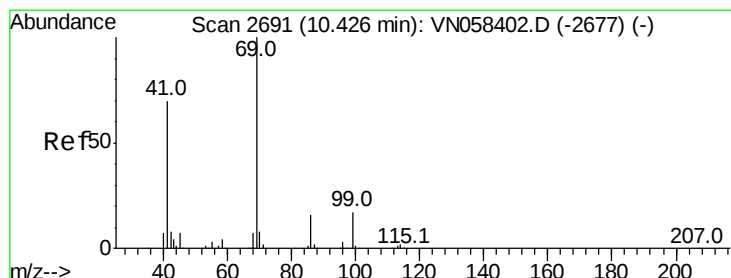
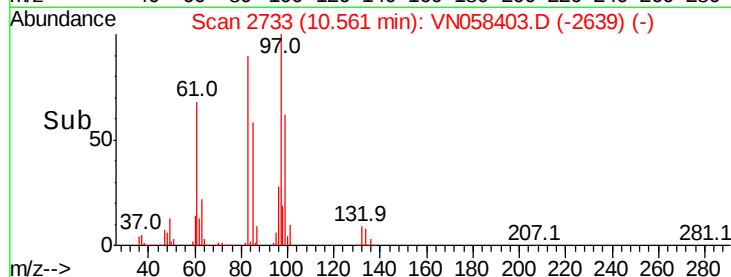
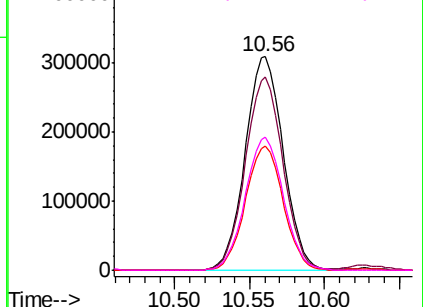


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 112.350 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

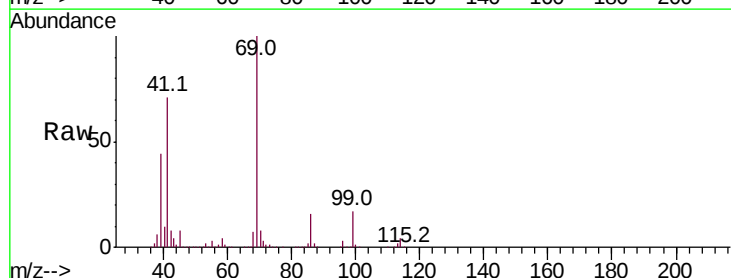
Tgt Ion: 69 Resp: 900274

Ion Ratio Lower Upper

69 100

41 70.0 56.3 84.5

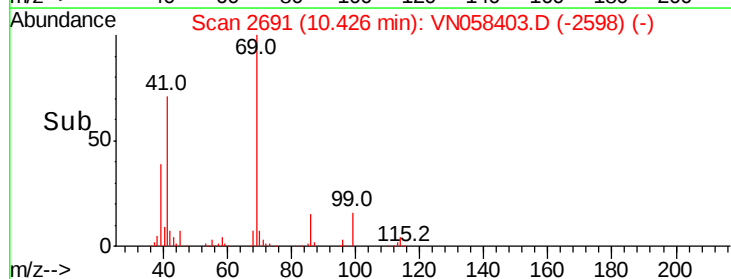
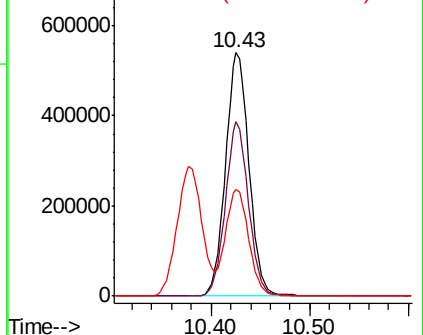
39 43.9 35.8 53.6

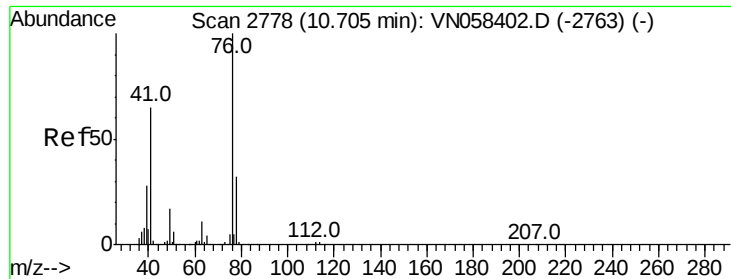


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 104.326 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

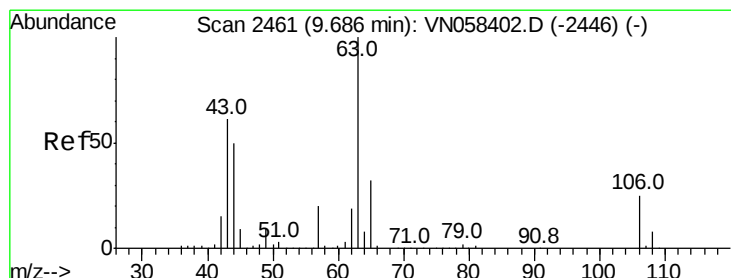
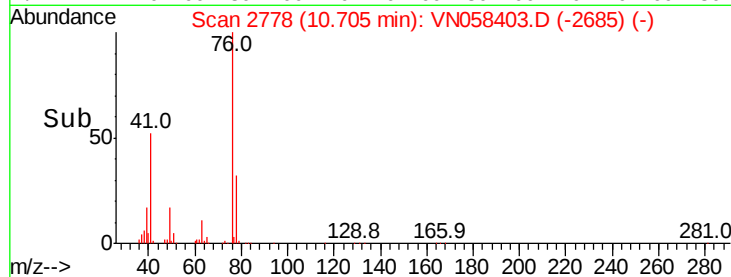
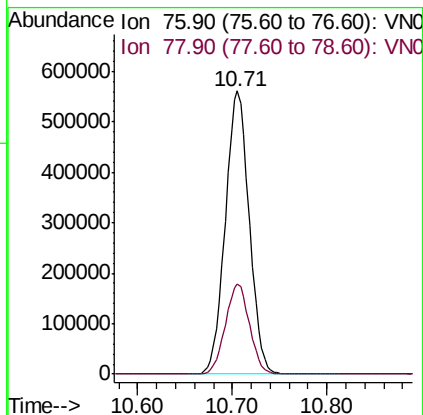
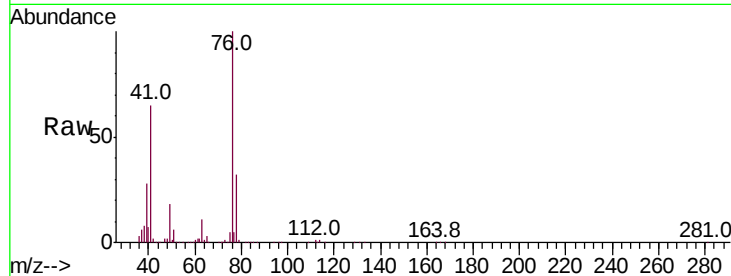
VSTDIC100

Tot Ion: 76 Resp: 982685

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 562.796 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN058403.D

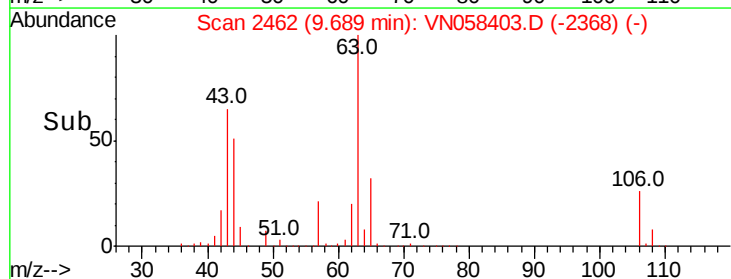
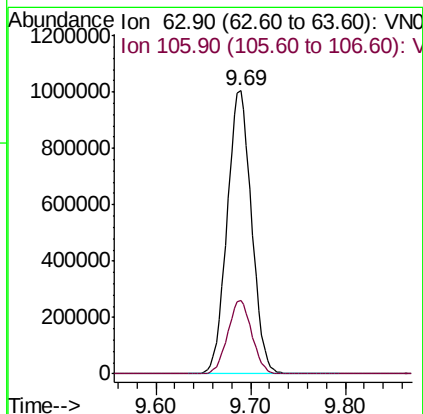
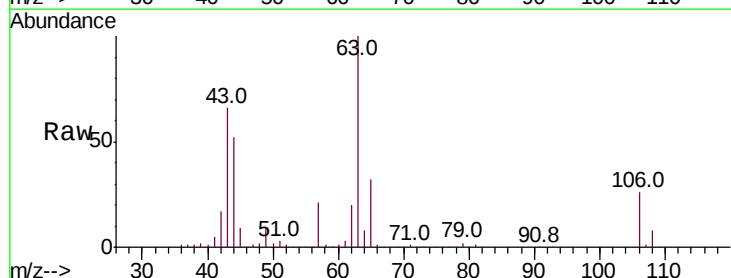
Acq: 27 Sep 2019 12:39

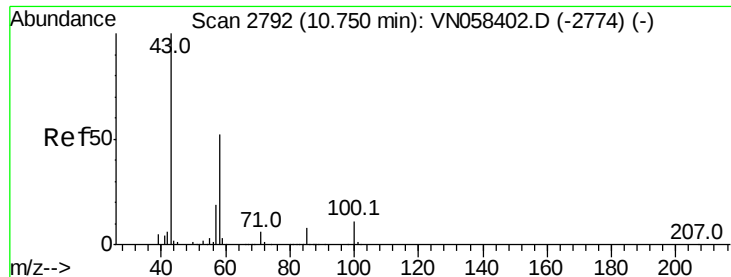
Tgt Ion: 63 Resp: 1798234

Ion Ratio Lower Upper

63 100

106 25.6 20.3 30.5

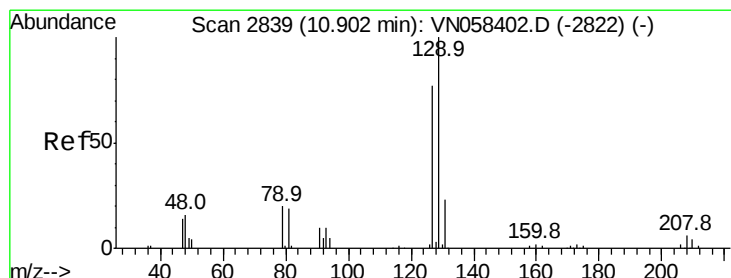
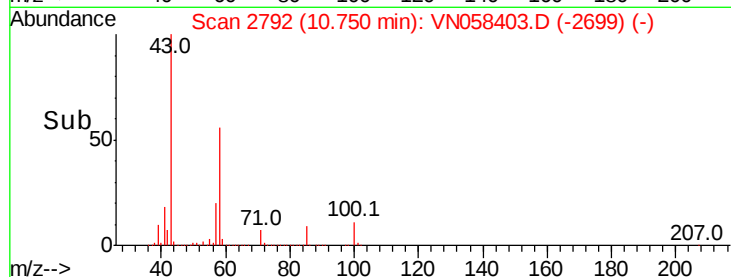
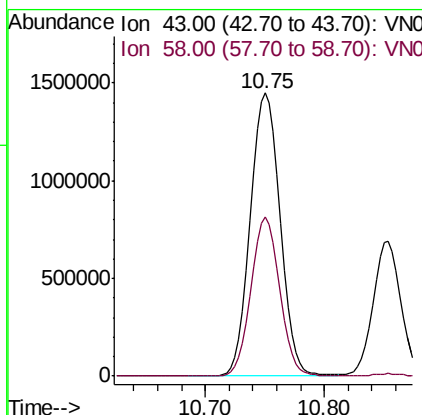
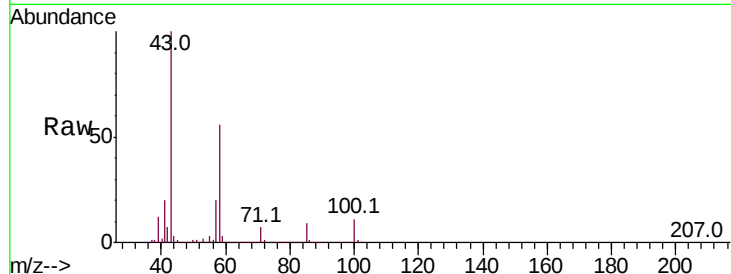




#59
2-Hexanone
Concen: 527.665 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

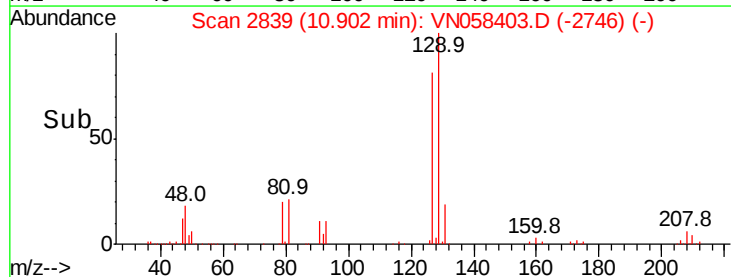
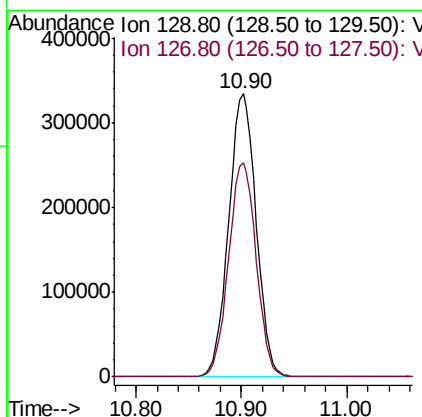
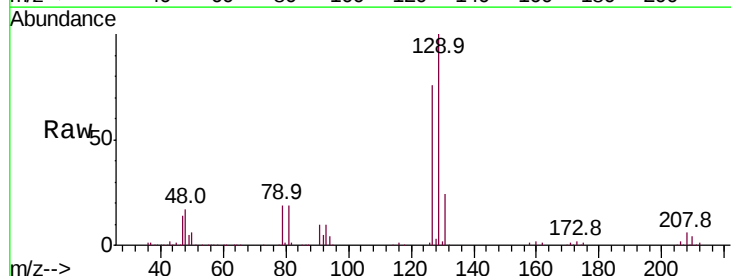
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

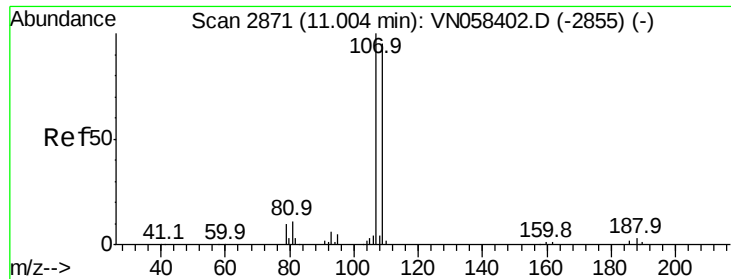
Tot Ion: 43 Resp: 2522237
Ion Ratio Lower Upper
43 100
58 54.0 25.8 77.3



#60
Dibromochloromethane
Concen: 110.603 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Tgt Ion: 129 Resp: 601164
Ion Ratio Lower Upper
129 100
127 76.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 106.829 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

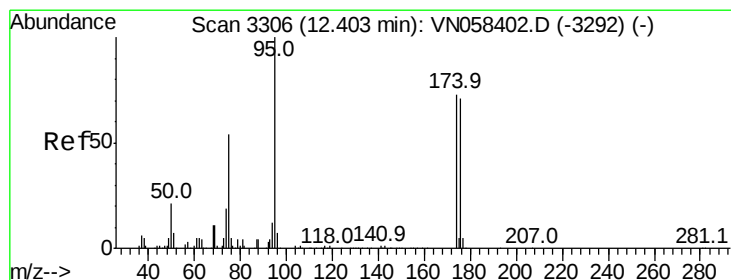
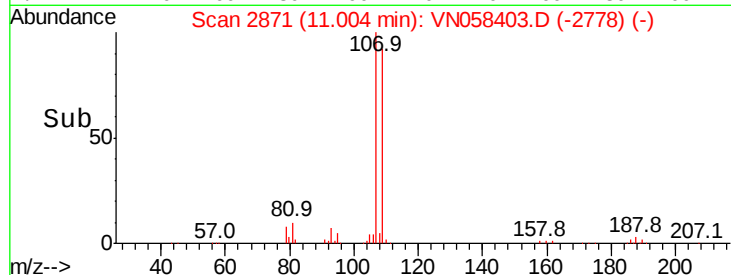
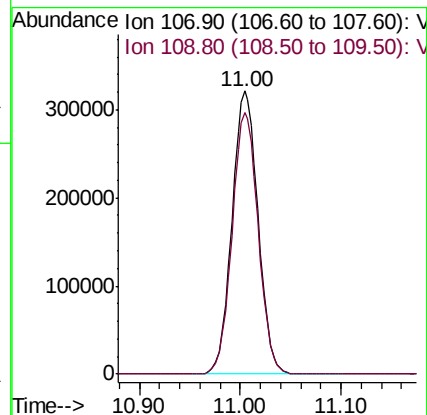
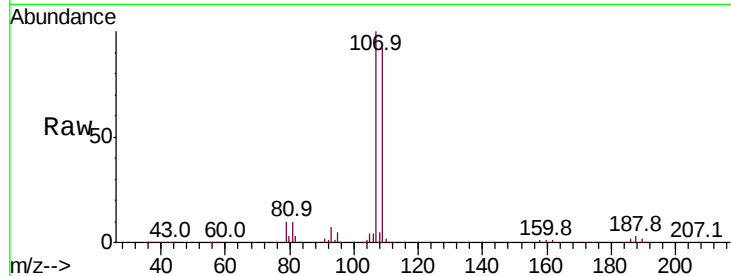
VSTDIC100

Tot Ion:107 Resp: 576432

Ion Ratio Lower Upper

107 100

109 93.0 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 105.460 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

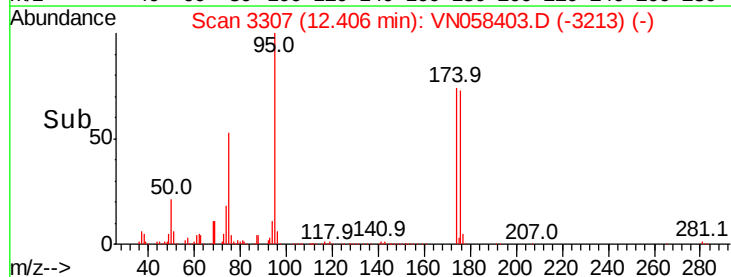
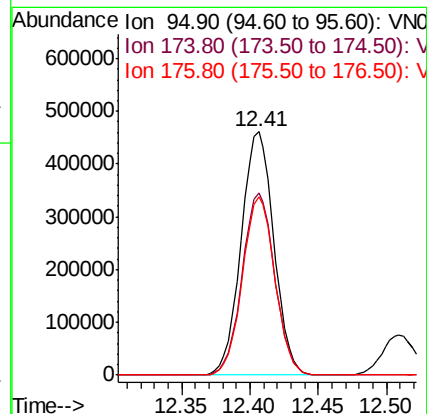
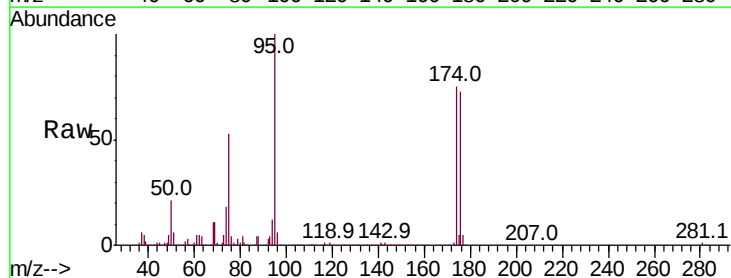
Tgt Ion: 95 Resp: 767505

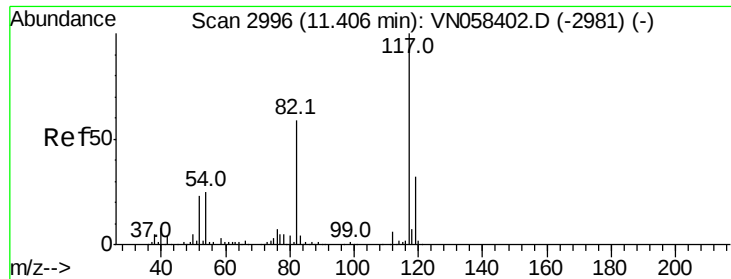
Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.6

176 72.6 0.0 146.2

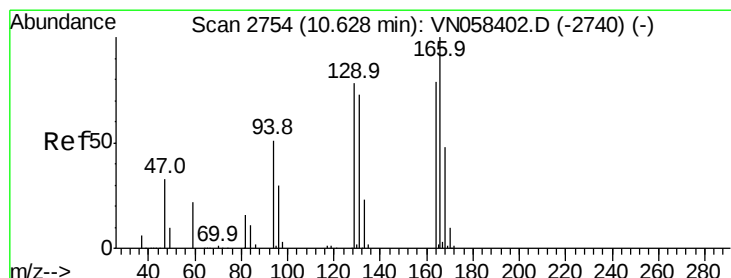
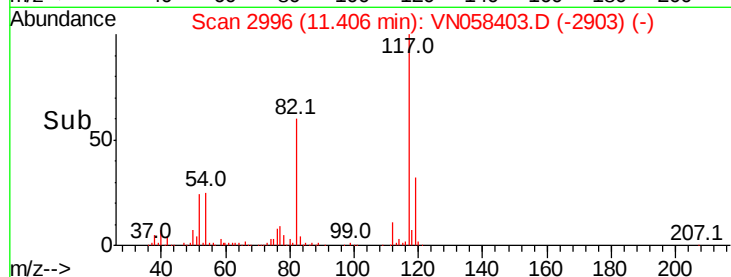
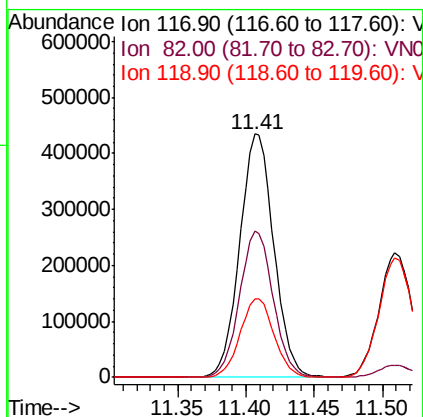
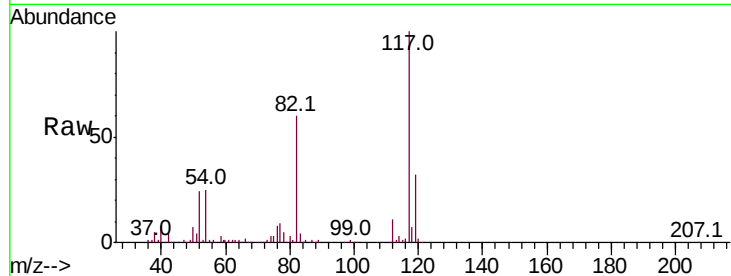




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

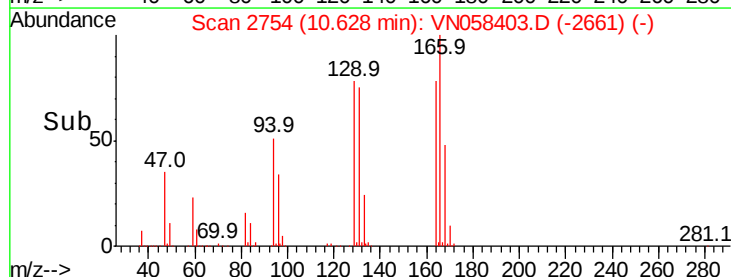
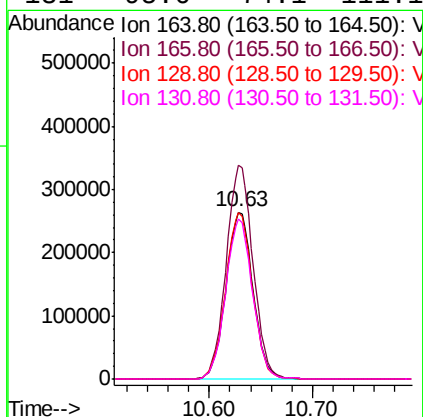
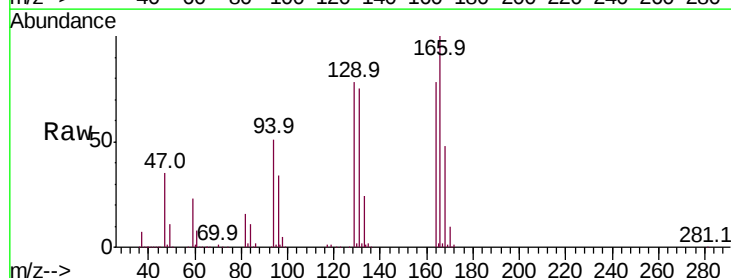
Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

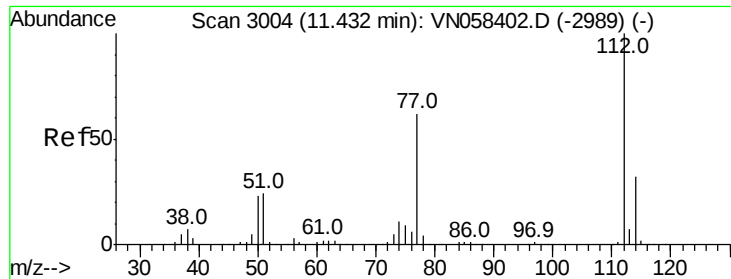
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.4	71.0
119	32.1	25.5	38.3



#64
Tetrachloroethene
Concen: 100.868 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	101.1	151.7
129	100.0	79.2	118.8
131	95.6	74.1	111.1

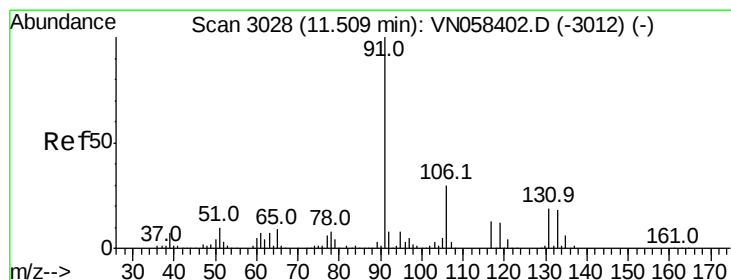
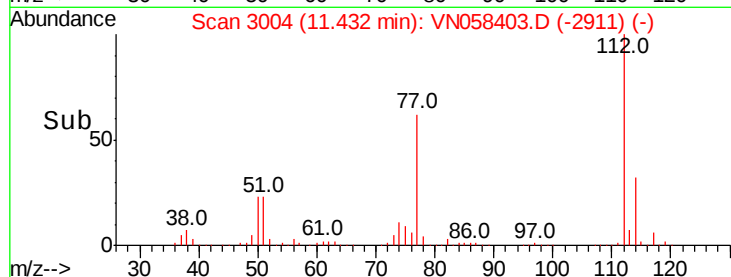
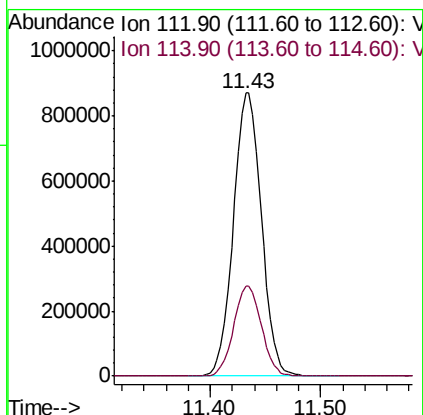
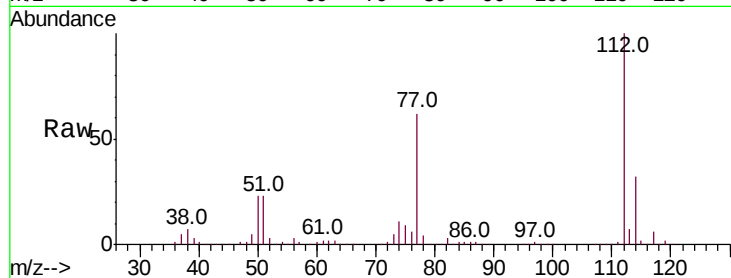




#65
Chlorobenzene
Concen: 102.187 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

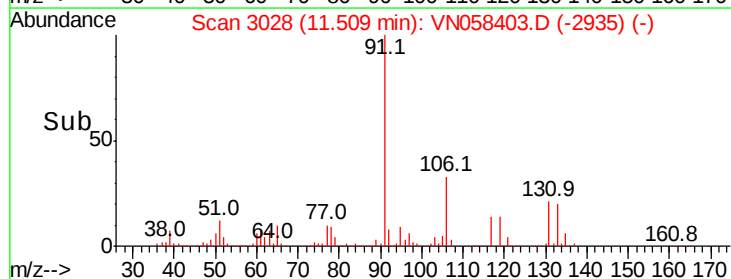
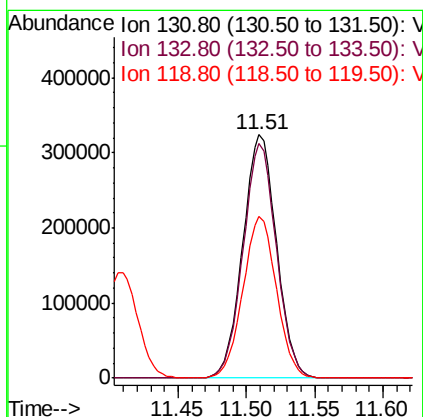
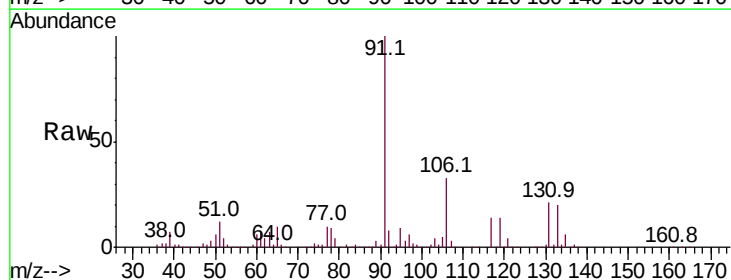
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

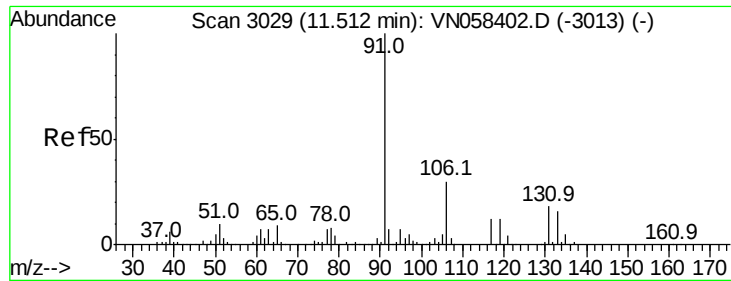
Tot Ion:112 Resp: 1530560
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 109.982 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Tgt Ion:131 Resp: 555016
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 66.1 33.0 99.0

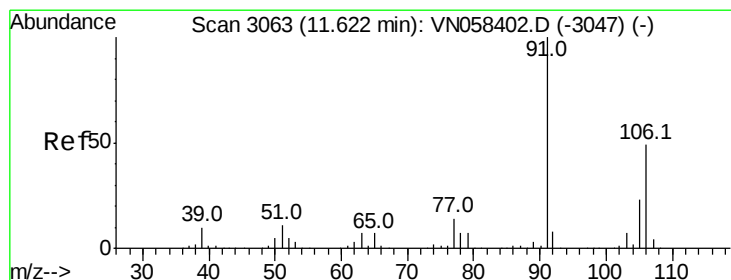
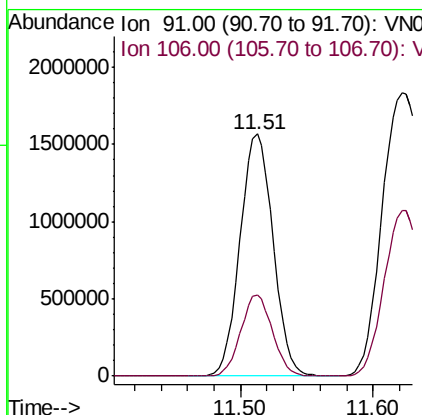
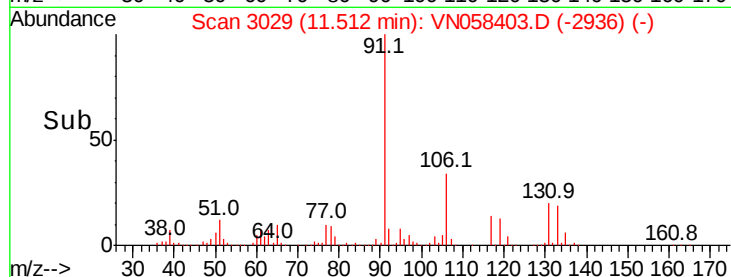
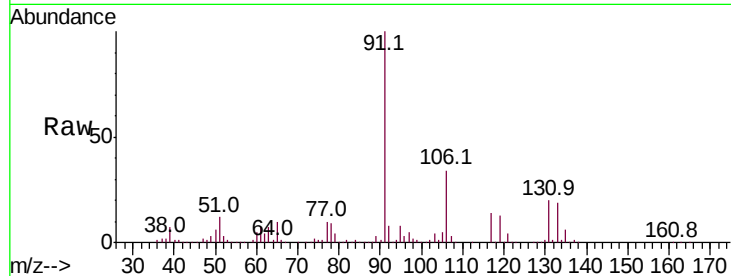




#67
Ethyl Benzene
Concen: 100.166 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

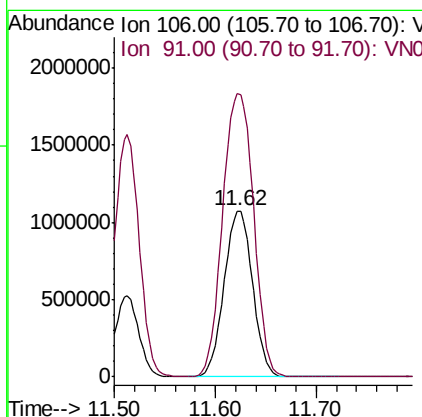
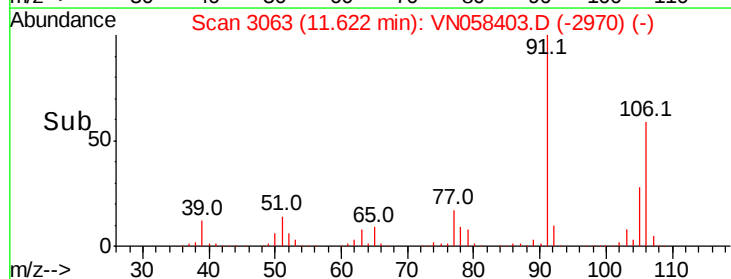
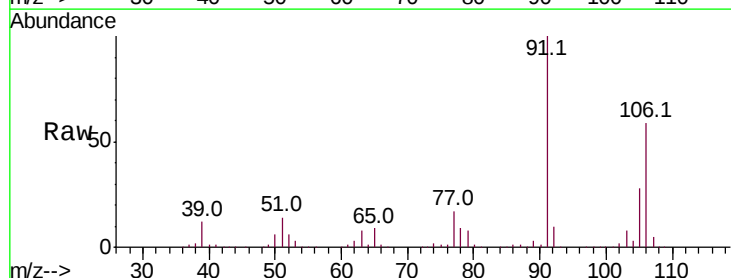
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

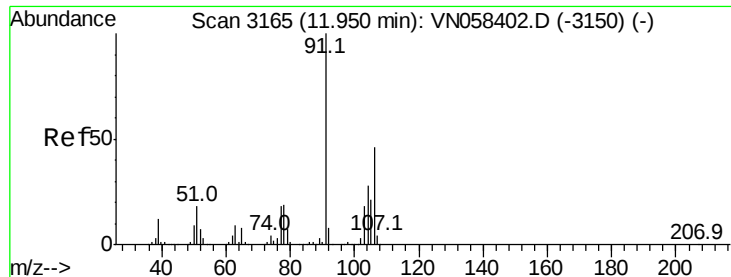
Tot Ion: 91 Resp: 2717446
Ion Ratio Lower Upper
91 100
106 33.7 24.3 36.5



#68
m/p-Xylenes
Concen: 207.215 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Tgt Ion:106 Resp: 2115082
Ion Ratio Lower Upper
106 100
91 186.1 165.0 247.4

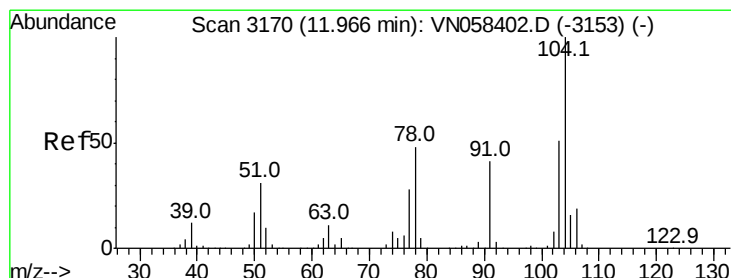
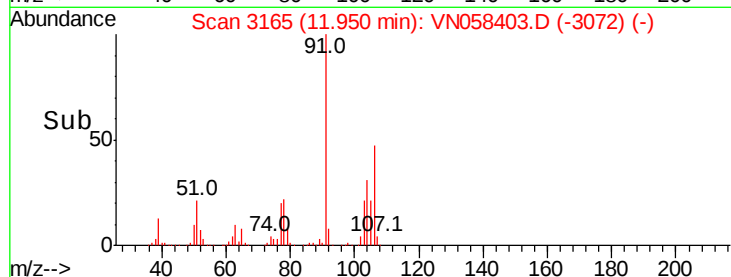
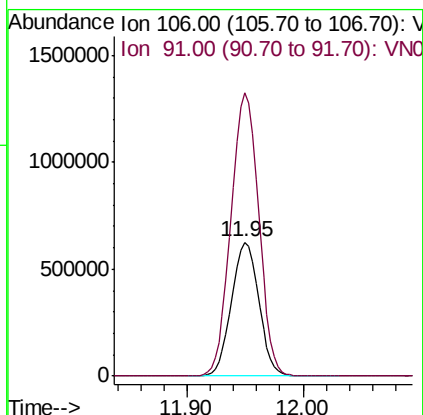
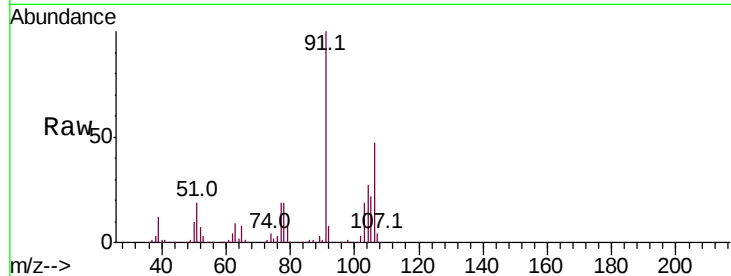




#69
o-Xylene
Concen: 103.854 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

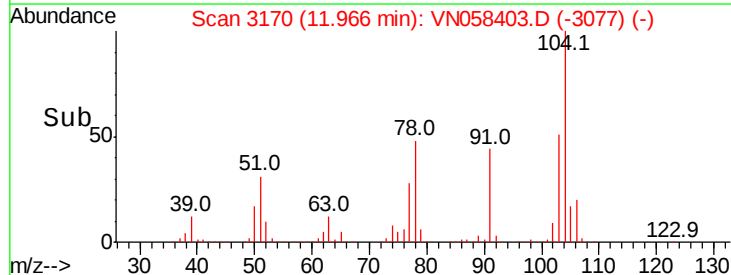
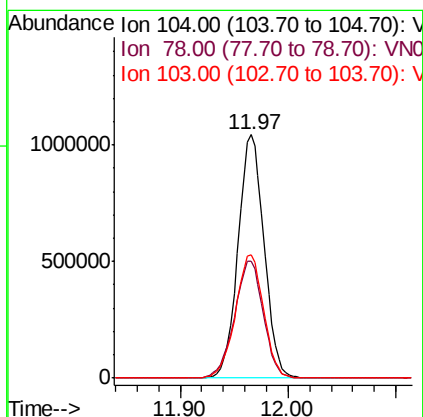
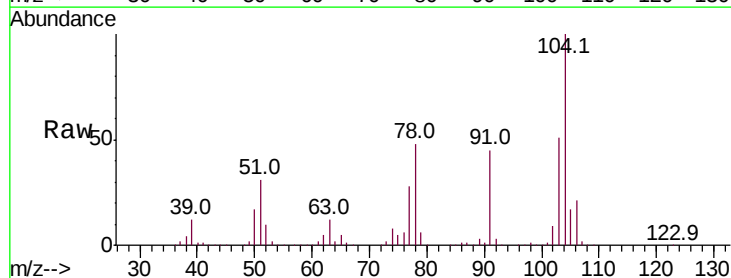
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

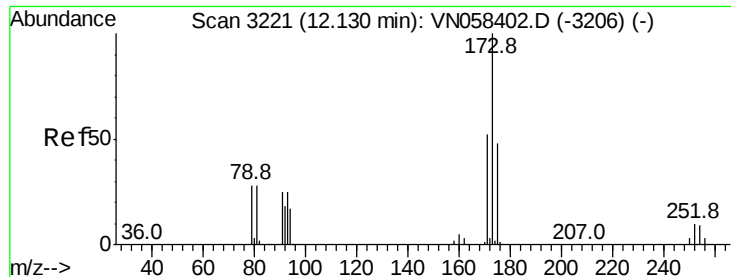
Tot Ion:106 Resp: 1020461
Ion Ratio Lower Upper
106 100
91 215.0 109.1 327.4



#70
Styrene
Concen: 109.649 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Tgt Ion:104 Resp: 1750308
Ion Ratio Lower Upper
104 100
78 53.4 42.8 64.2
103 55.0 43.7 65.5





#71

Bromoform

Concen: 109.697 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

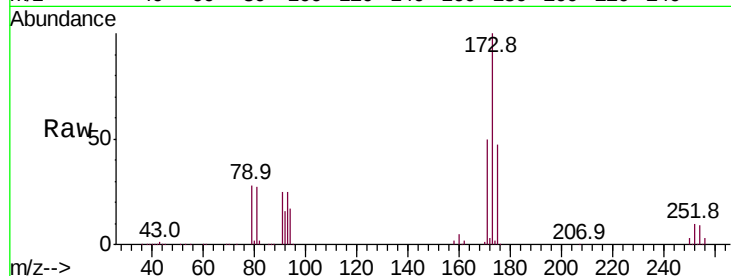
Tot Ion:173 Resp: 385493

Ion Ratio Lower Upper

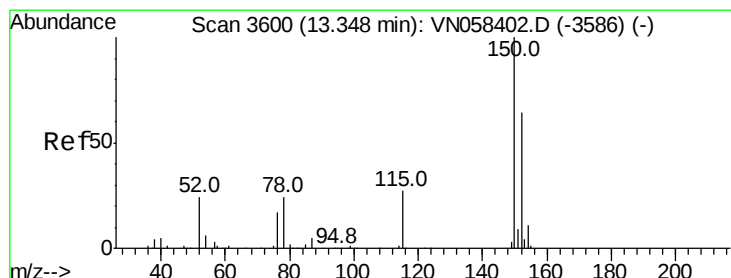
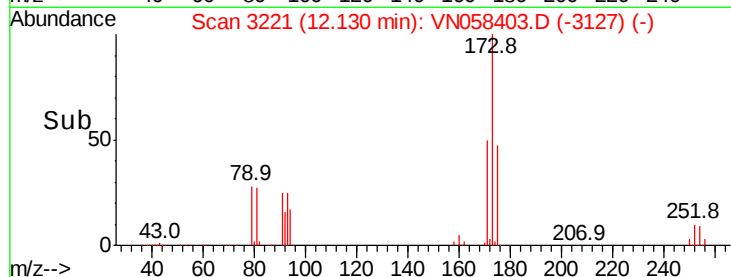
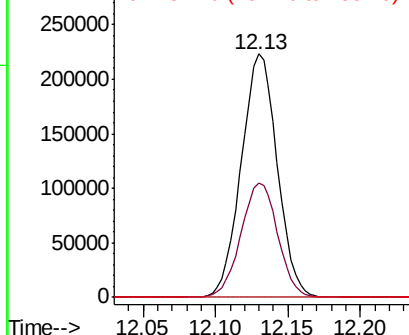
173 100

175 48.2 24.3 73.0

254 0.2 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# 3600

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

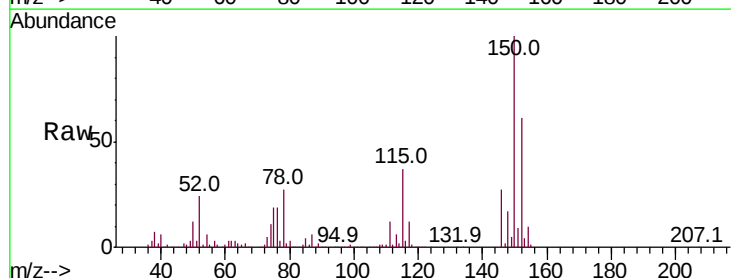
Tgt Ion:152 Resp: 370079

Ion Ratio Lower Upper

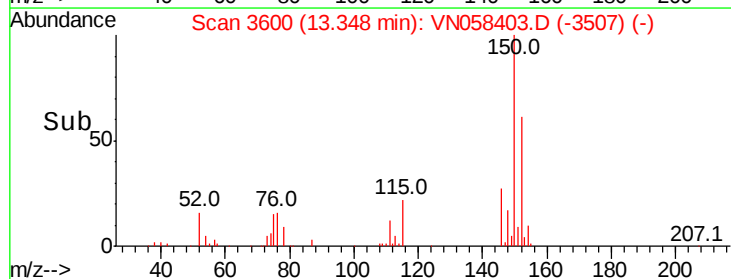
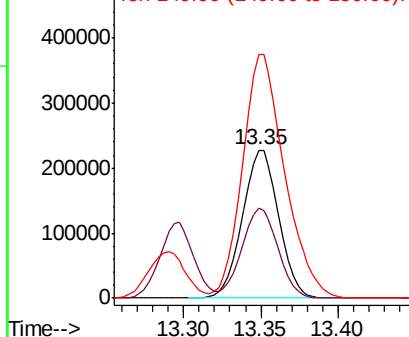
152 100

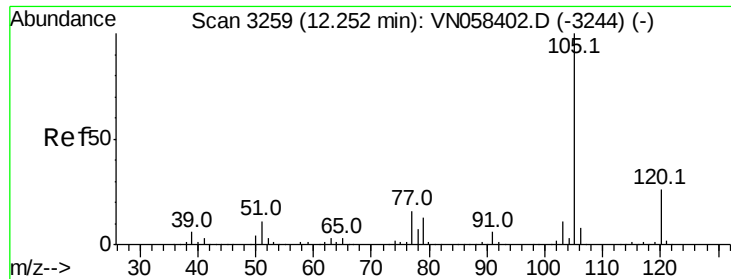
115 60.4 30.0 90.0

150 191.5 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: 96.832 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

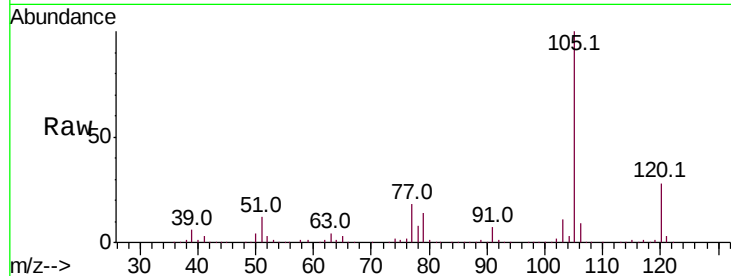
VSTDIC100

Tot Ion:105 Resp: 2648332

Ion Ratio Lower Upper

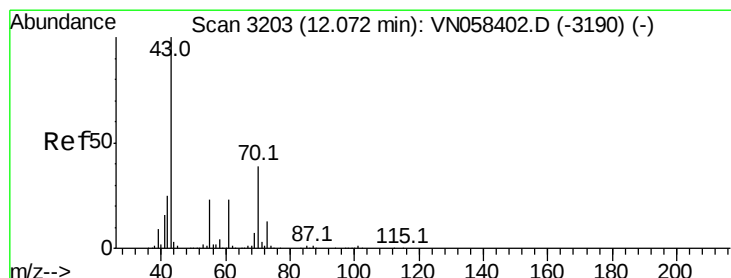
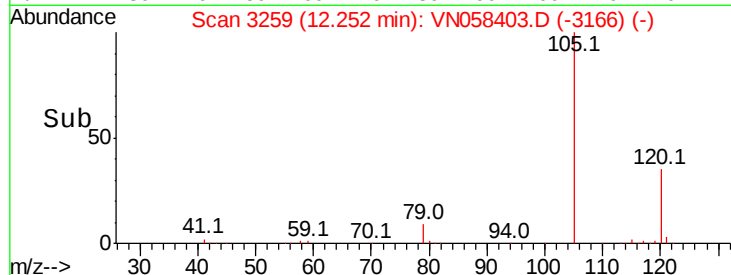
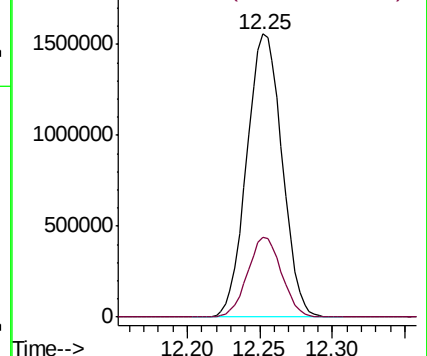
105 100

120 27.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 108.390 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Tgt Ion: 43 Resp: 1179336

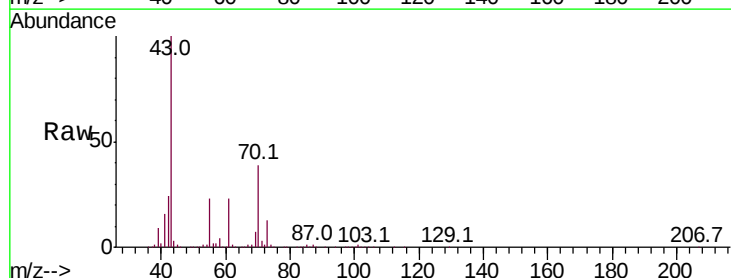
Ion Ratio Lower Upper

43 100

70 39.4 31.4 47.2

55 22.7 18.2 27.4

61 22.9 18.3 27.5

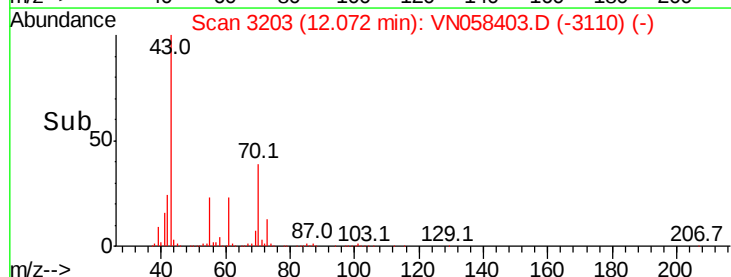
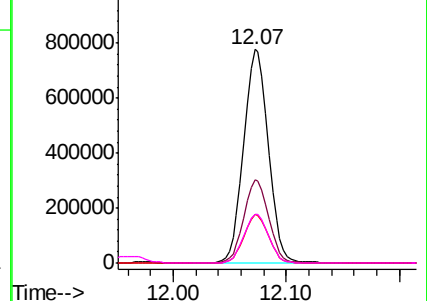


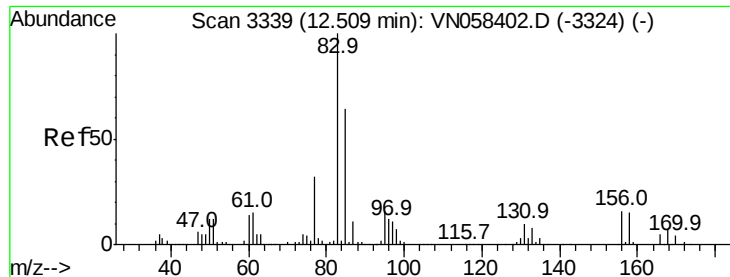
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 98.763 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

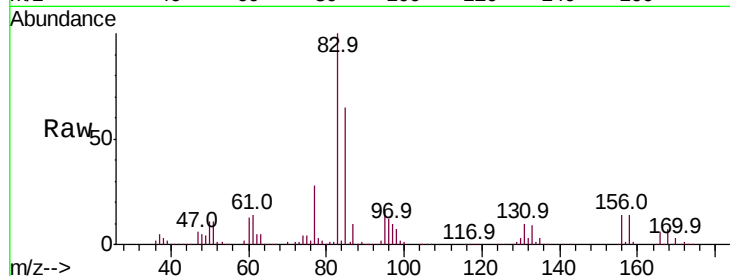
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 798737

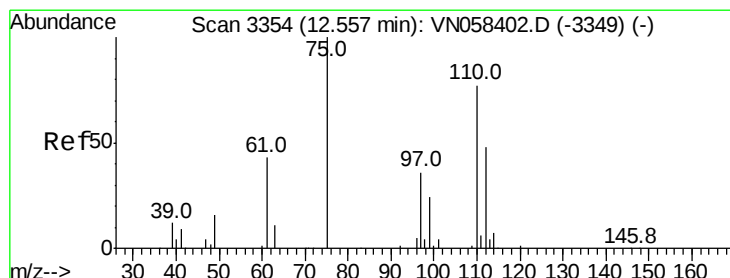
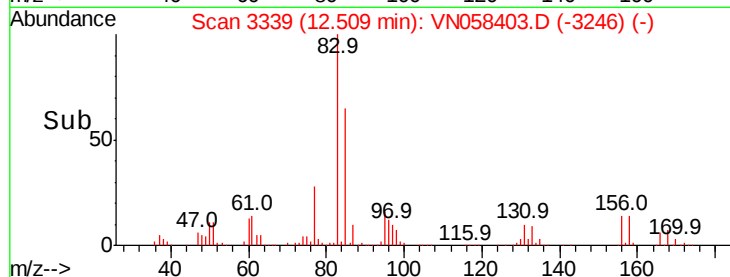
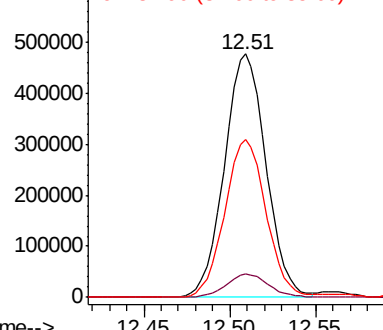
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.4	32.0	96.0



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: 154.630 ug/l

RT: 12.56 min Scan# 3354

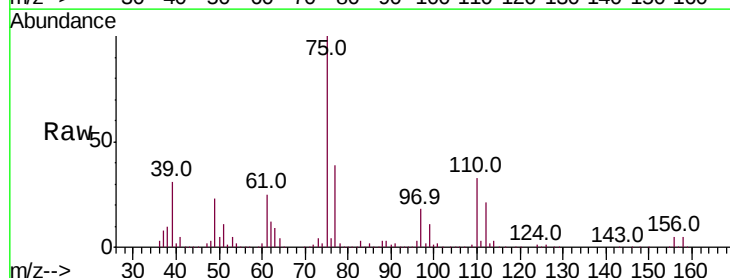
Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

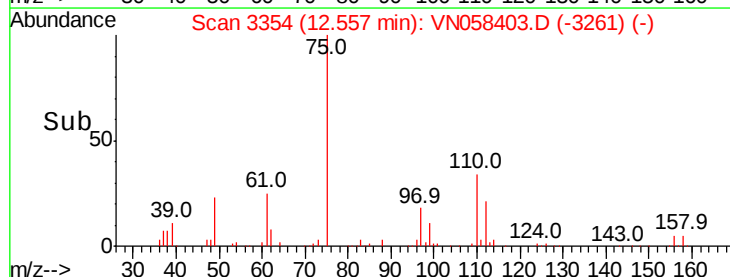
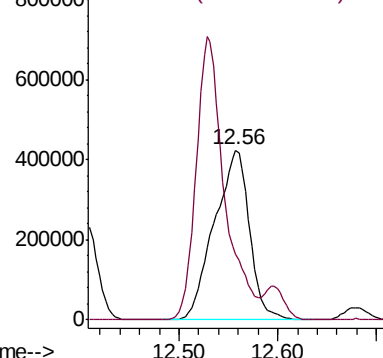
Tgt Ion: 75 Resp: 1045225

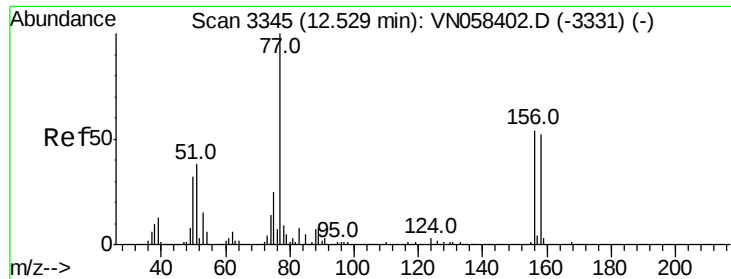
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 99.585 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

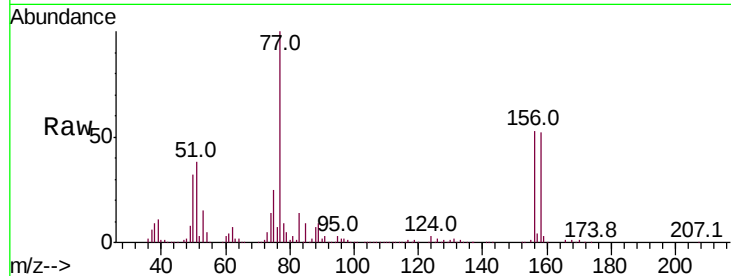
Tot Ion:156 Resp: 638631

Ion Ratio Lower Upper

156 100

77 222.3 110.0 330.0

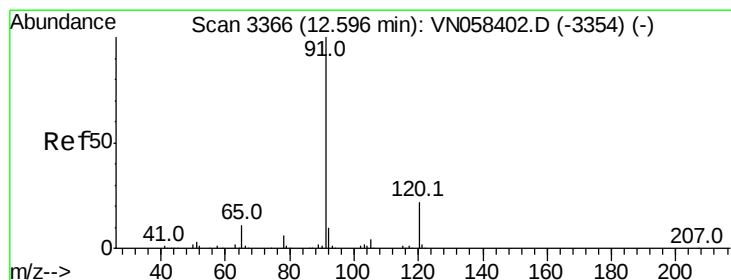
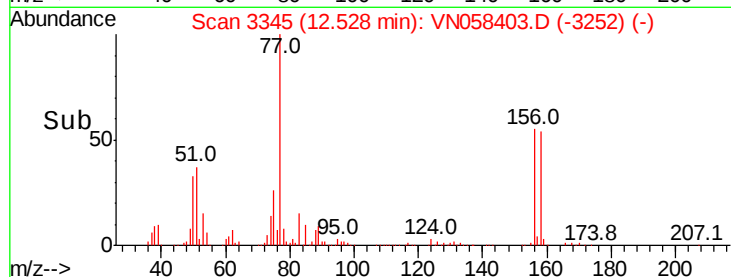
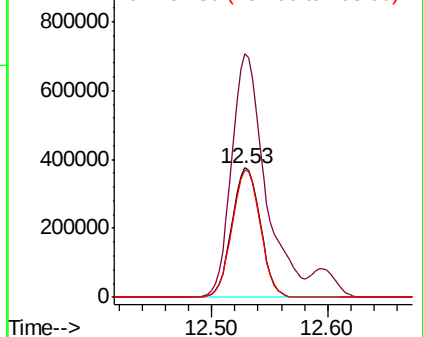
158 97.5 47.9 143.8



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: 97.516 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058403.D

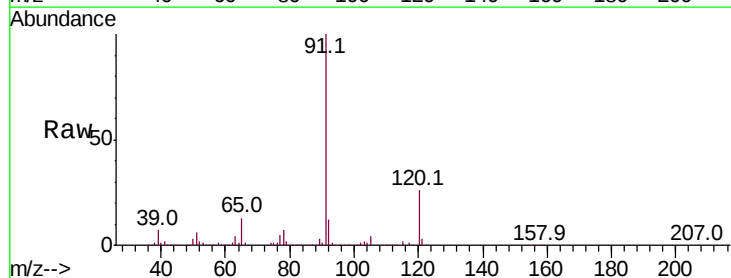
Acq: 27 Sep 2019 12:39

Tgt Ion: 91 Resp: 3004708

Ion Ratio Lower Upper

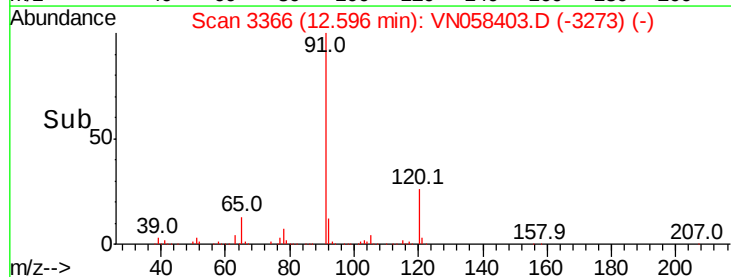
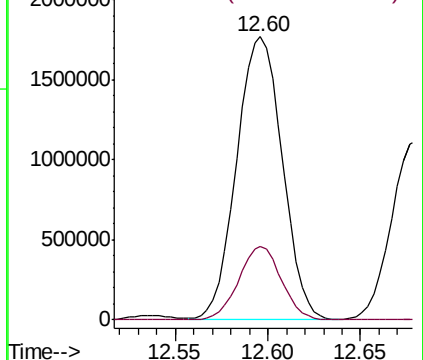
91 100

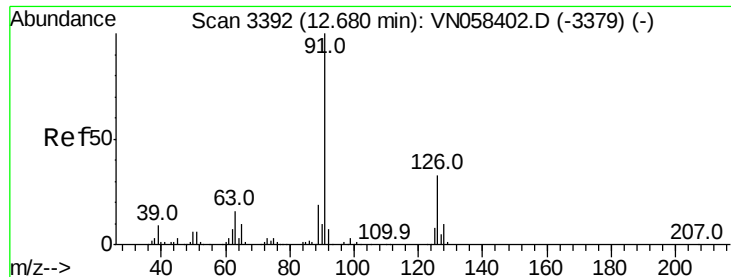
120 24.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.672 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

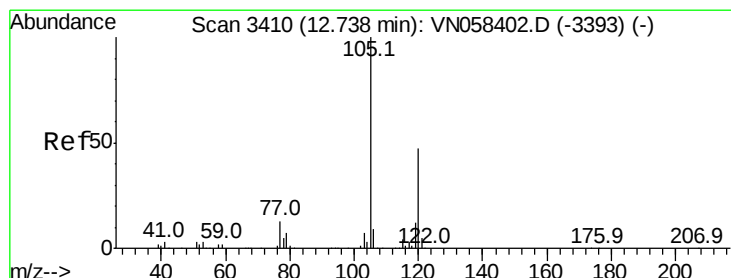
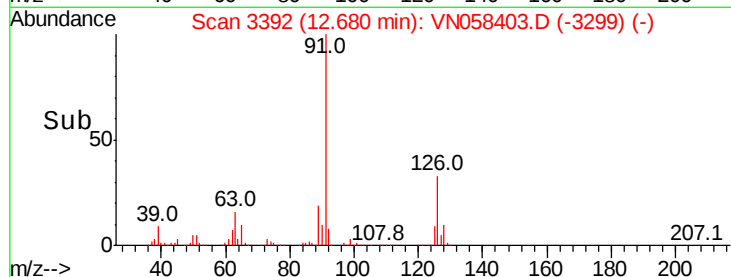
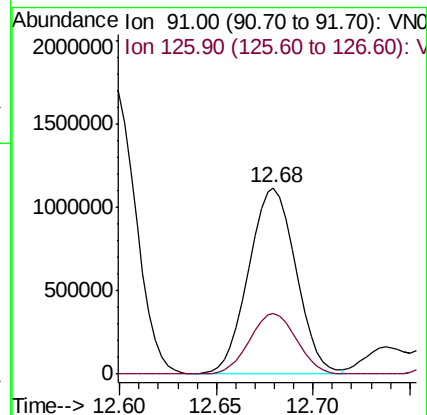
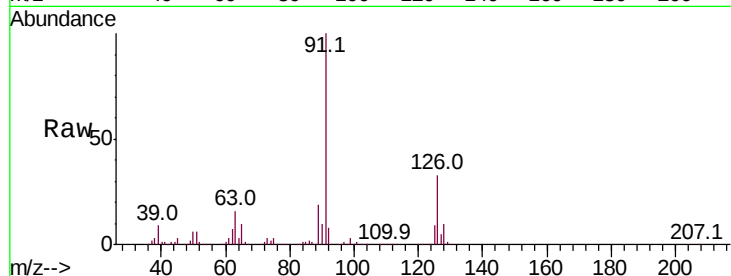
VSTDIC100

Tot Ion: 91 Resp: 1895618

Ion Ratio Lower Upper

91 100

126 32.7 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 100.033 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058403.D

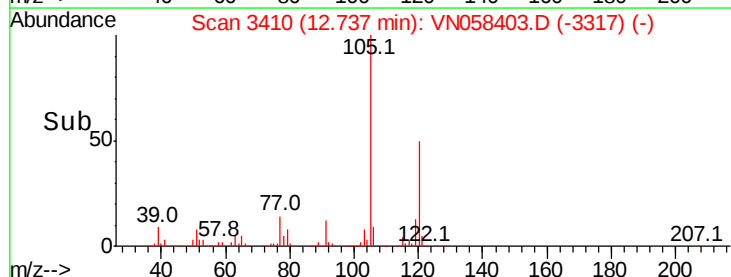
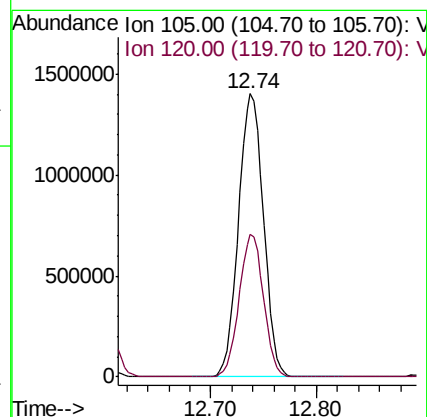
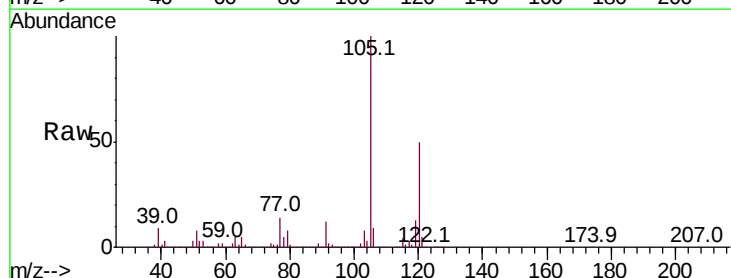
Acq: 27 Sep 2019 12:39

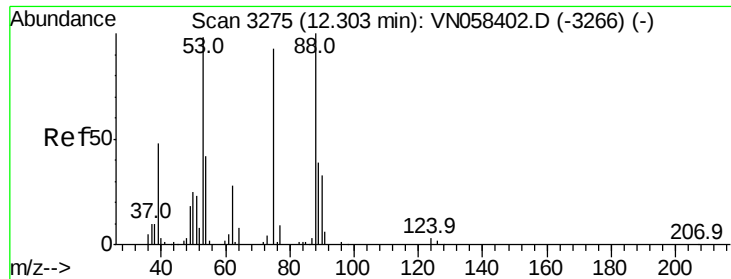
Tgt Ion:105 Resp: 2290206

Ion Ratio Lower Upper

105 100

120 49.1 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 115.697 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

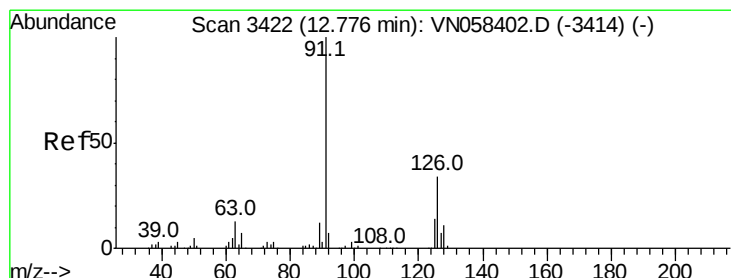
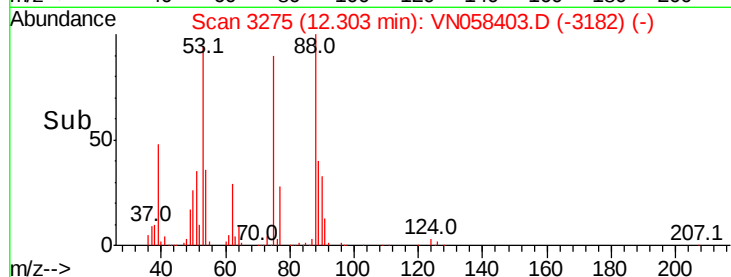
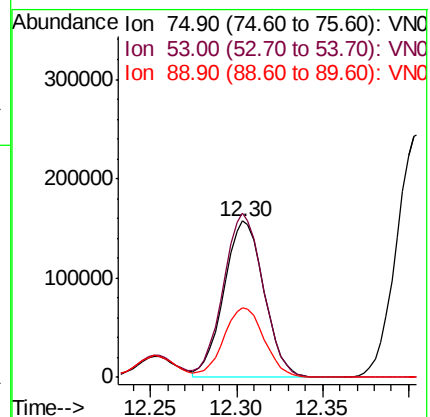
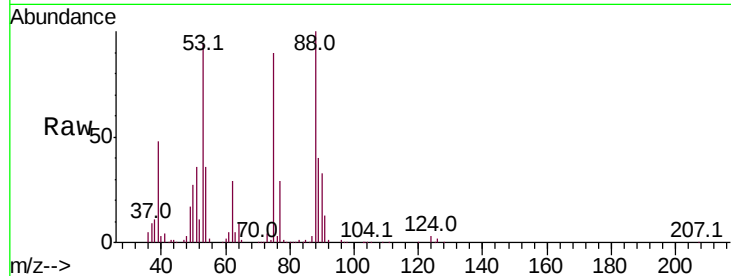
Tot Ion: 75 Resp: 257498

Ion Ratio Lower Upper

75 100

53 104.0 85.4 128.0

89 45.0 35.0 52.4



#82

4-Chlorotoluene

Concen: 101.187 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN058403.D

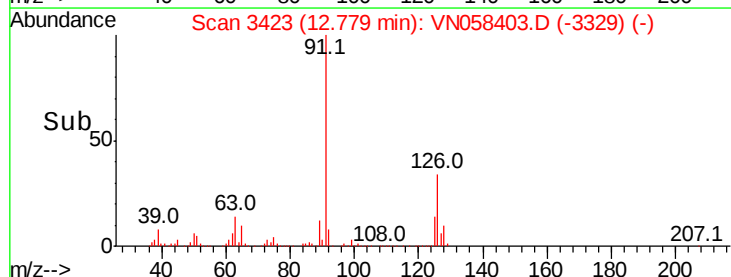
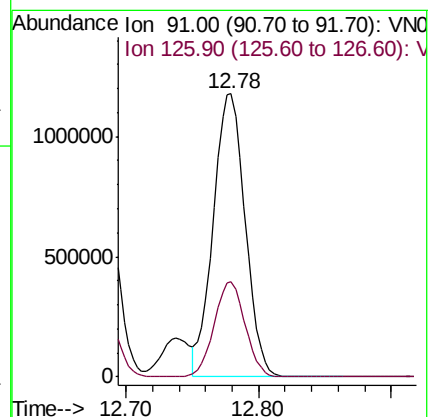
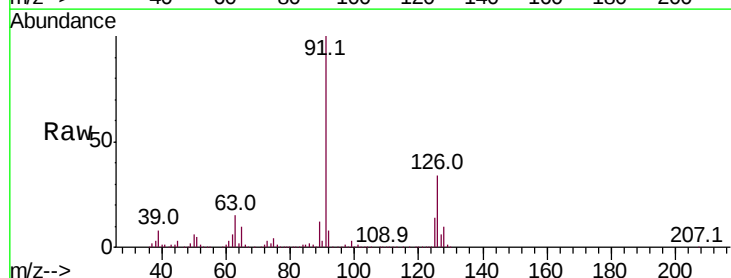
Acq: 27 Sep 2019 12:39

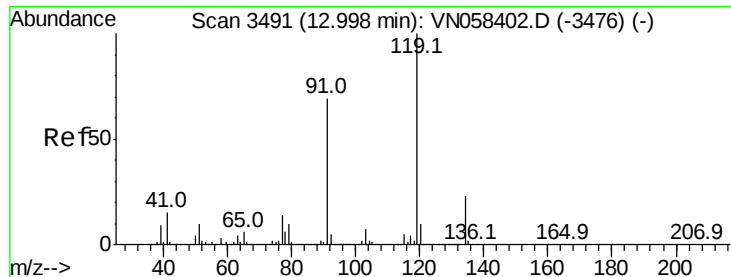
Tgt Ion: 91 Resp: 1963691

Ion Ratio Lower Upper

91 100

126 32.7 15.9 47.7





#83

tert-Butylbenzene

Concen: 100.229 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

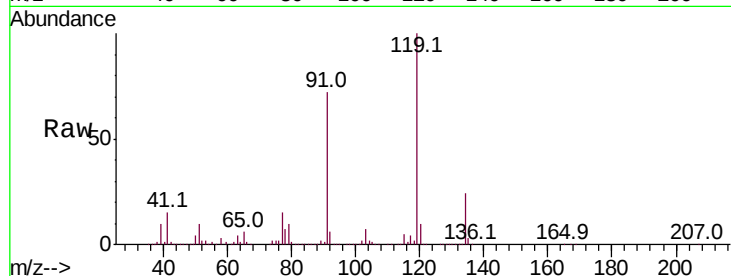
Tot Ion:119 Resp: 1936300

Ion Ratio Lower Upper

119 100

91 69.3 34.2 102.6

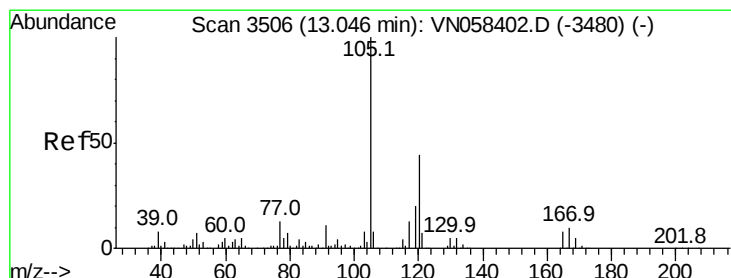
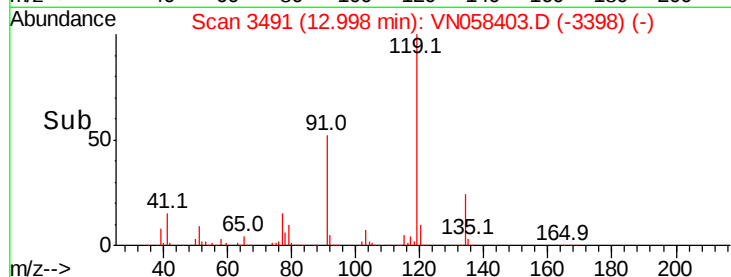
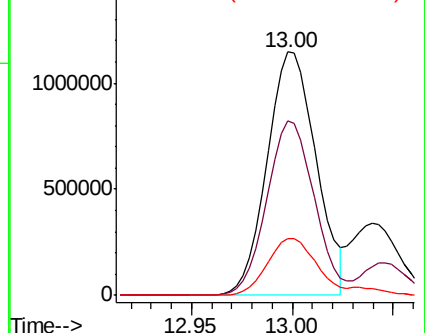
134 25.7 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 99.841 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN058403.D

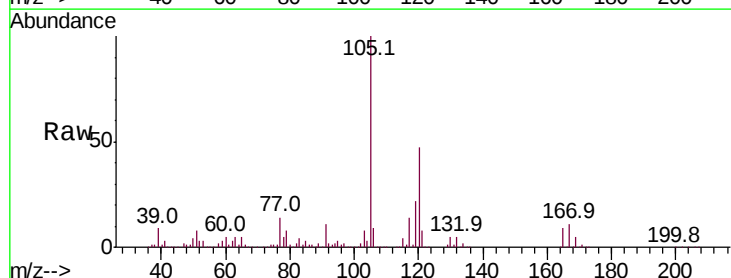
Acq: 27 Sep 2019 12:39

Tgt Ion:105 Resp: 2290163

Ion Ratio Lower Upper

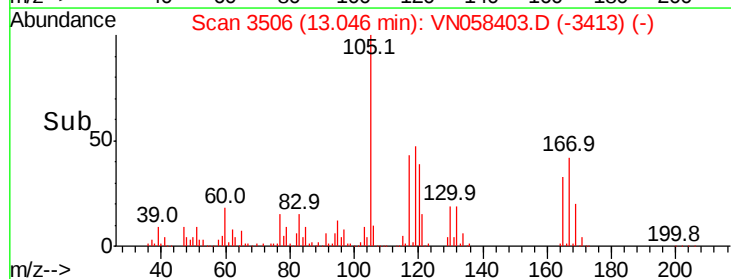
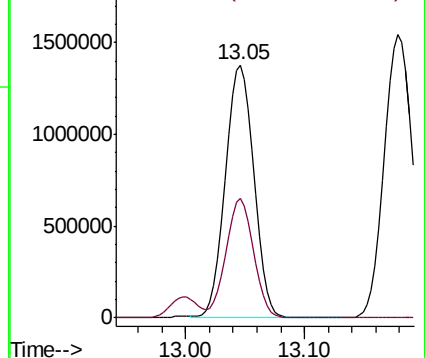
105 100

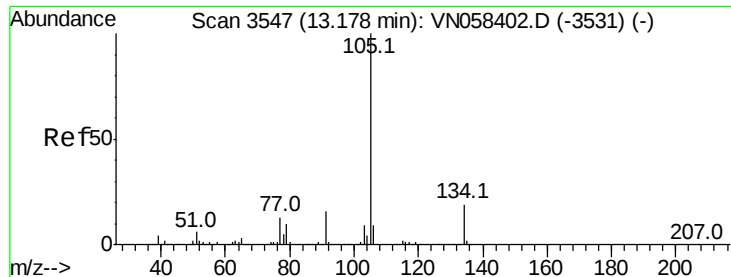
120 45.4 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 100.203 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

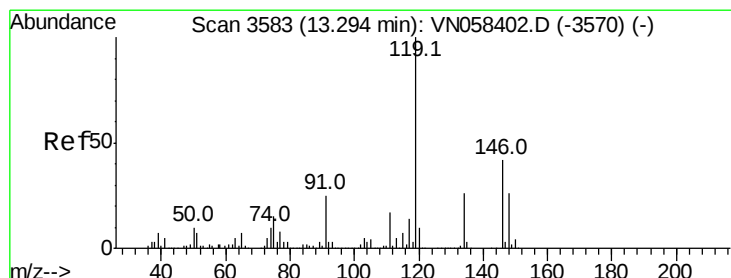
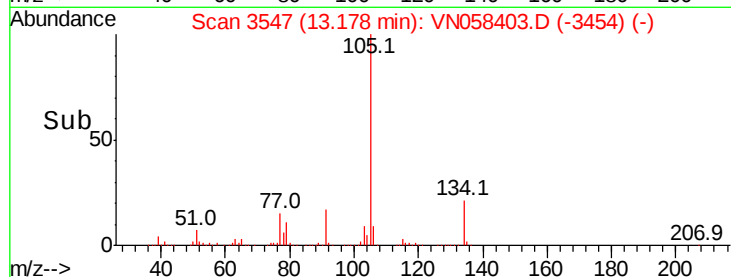
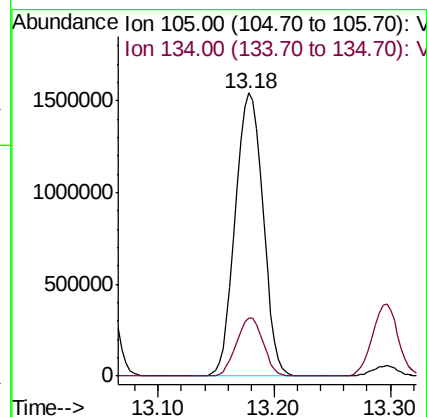
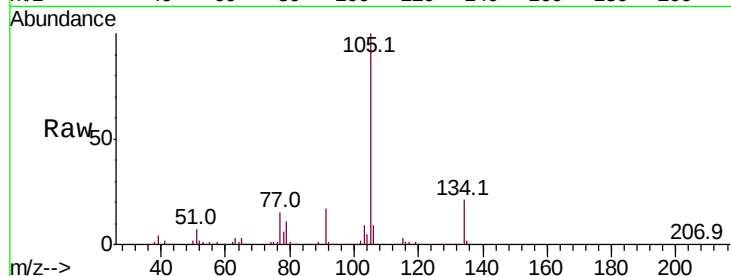
VSTDIC100

Tot Ion:105 Resp: 2547890

Ion Ratio Lower Upper

105 100

134 19.9 9.4 28.2



#86

p-Isopropyltoluene

Concen: 103.013 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

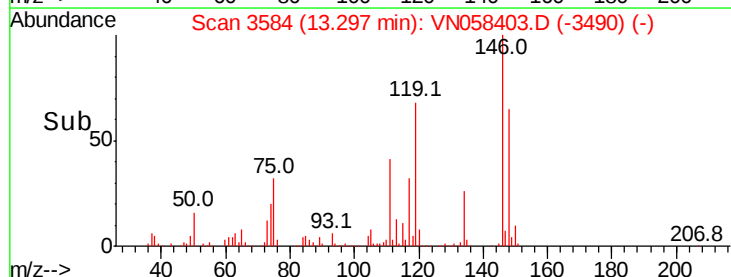
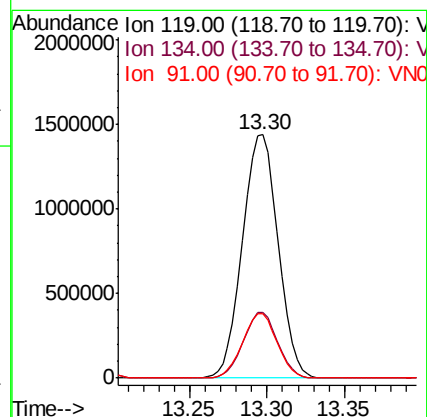
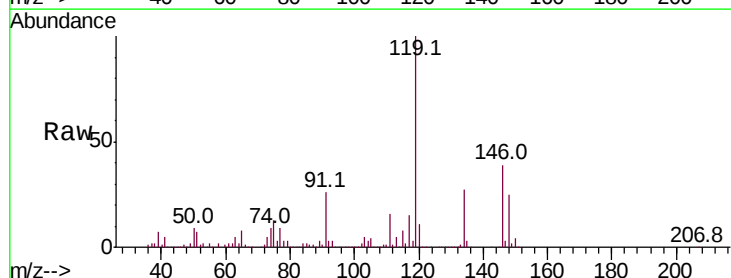
Tgt Ion:119 Resp: 2305671

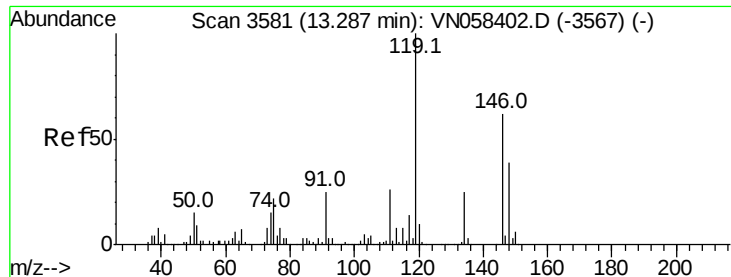
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 25.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 100.666 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

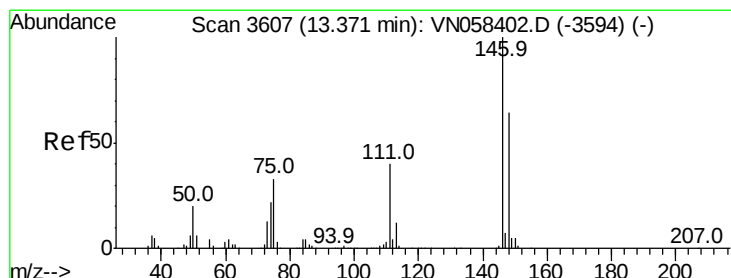
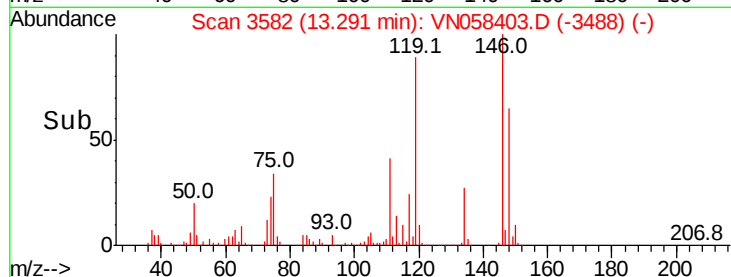
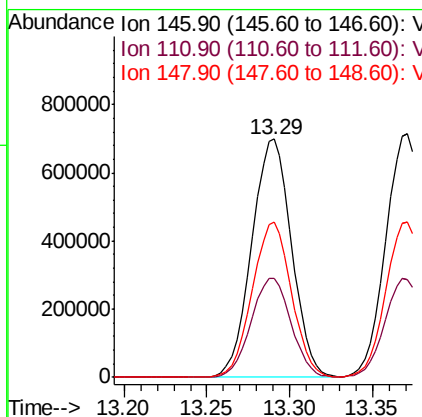
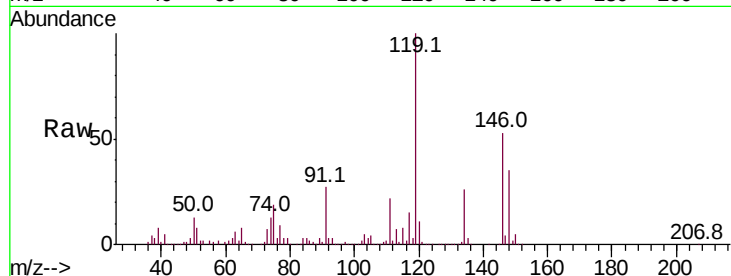
Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:146 Resp: 1170575

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.4
148	64.2	31.4	94.3



#88

1,4-Dichlorobenzene

Concen: 101.280 ug/l

RT: 13.37 min Scan# 3607

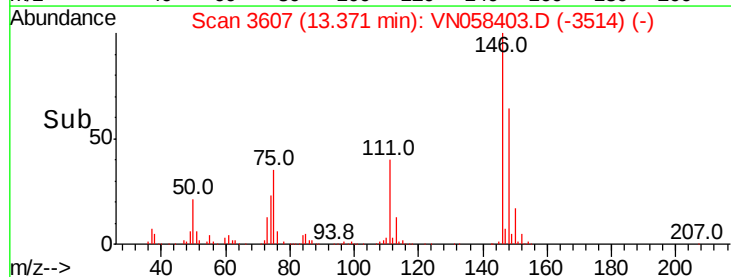
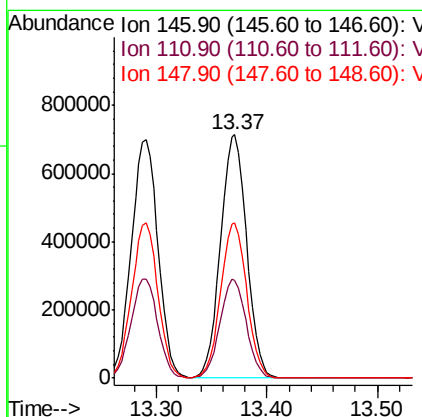
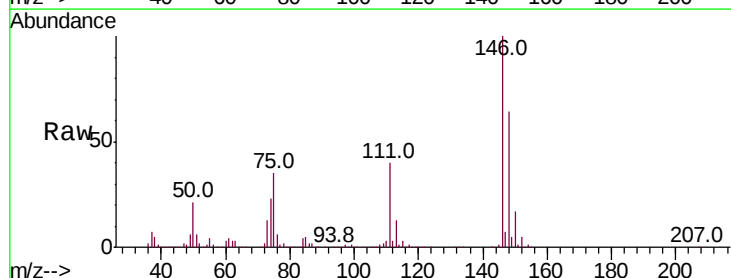
Delta R.T. -0.00 min

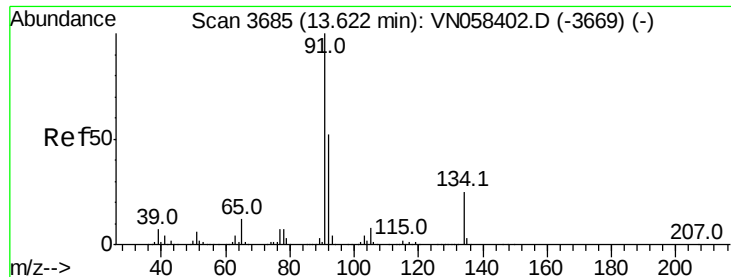
Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Tgt Ion:146 Resp: 1171747

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.5	61.6
148	63.7	31.5	94.5

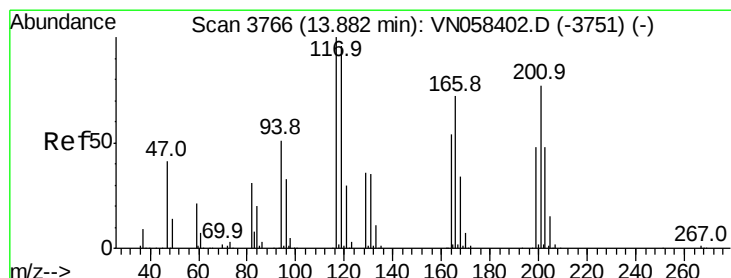
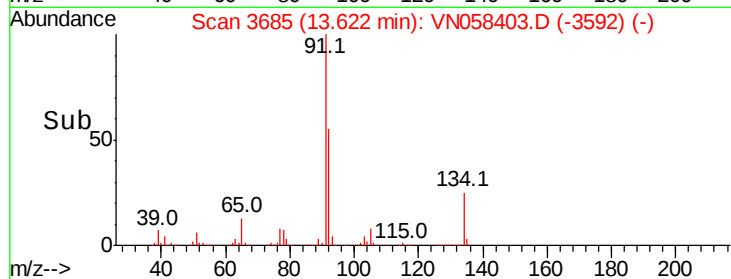
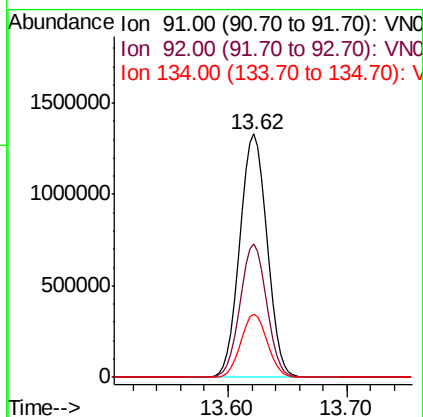
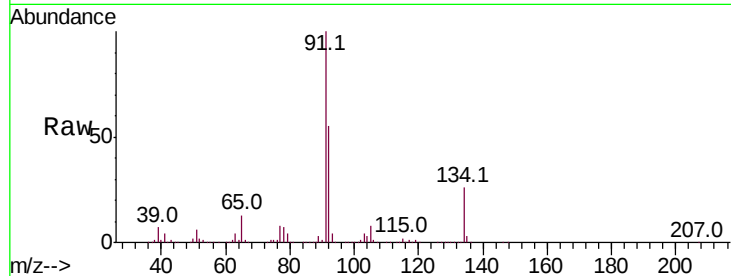




#89
n-Butylbenzene
Concen: 104.356 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

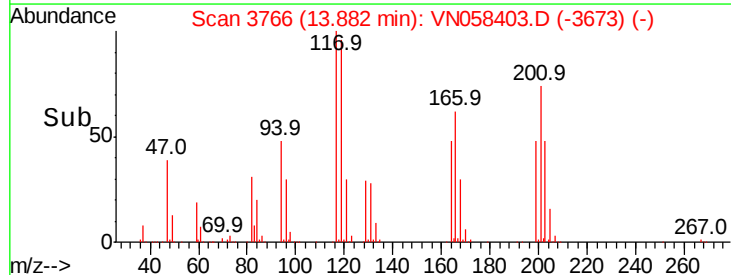
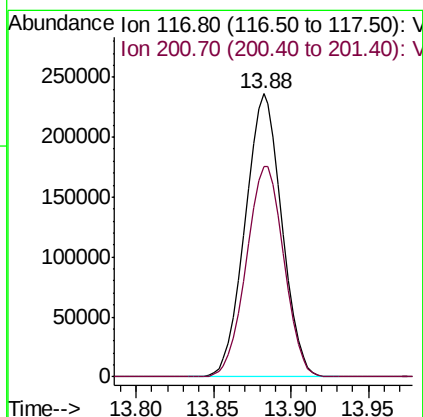
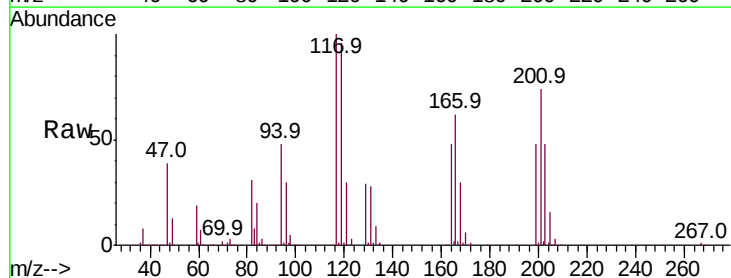
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

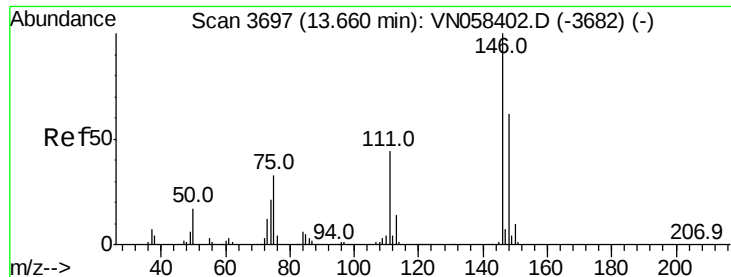
Tot Ion: 91 Resp: 2115801
Ion Ratio Lower Upper
91 100
92 53.7 25.7 77.1
134 25.2 12.2 36.6



#90
Hexachloroethane
Concen: 115.756 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN058403.D
Acq: 27 Sep 2019 12:39

Tgt Ion: 117 Resp: 389274
Ion Ratio Lower Upper
117 100
201 76.3 38.6 116.0





#91

1,2-Dichlorobenzene

Concen: 102.332 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

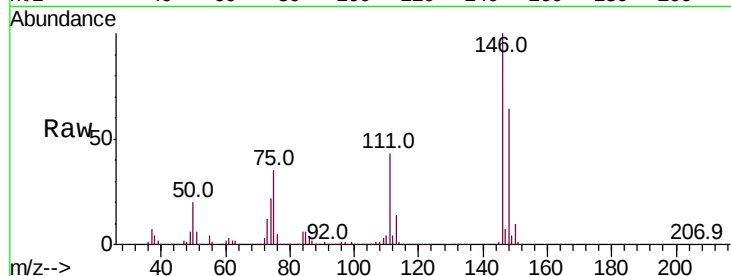
Tot Ion:146 Resp: 1143347

Ion Ratio Lower Upper

146 100

111 43.1 21.8 65.3

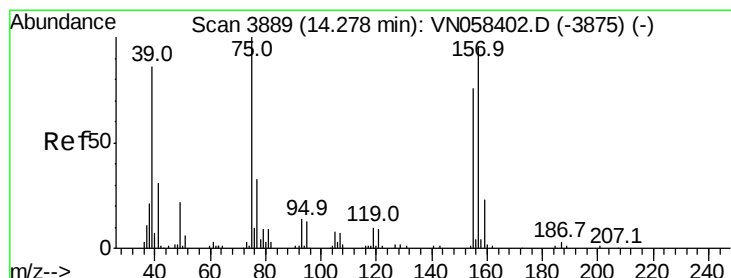
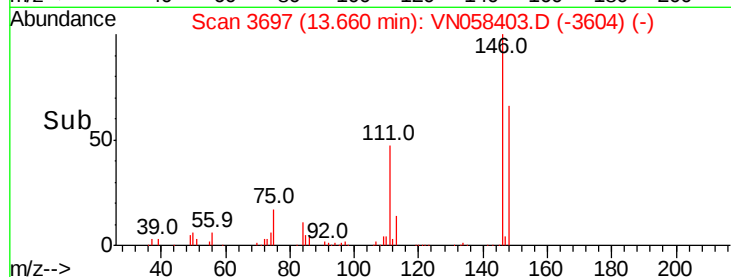
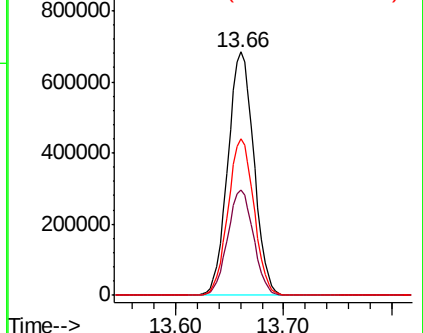
148 64.0 31.5 94.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 114.390 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

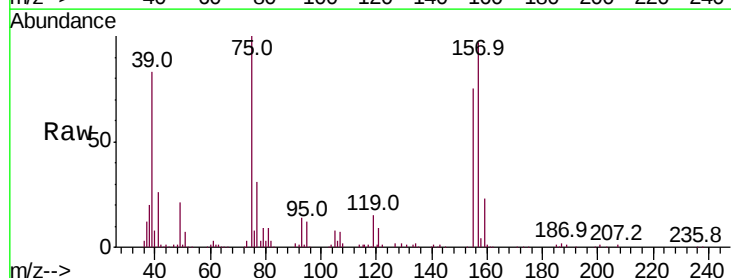
Tgt Ion: 75 Resp: 163139

Ion Ratio Lower Upper

75 100

155 73.9 39.2 117.6

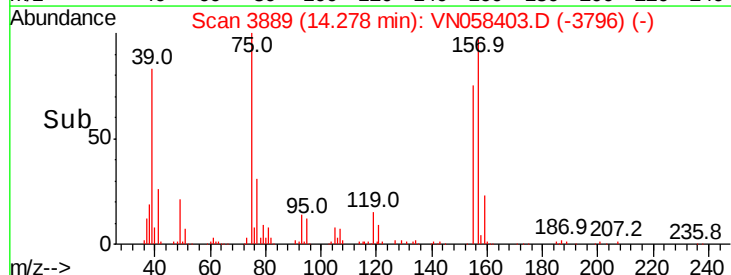
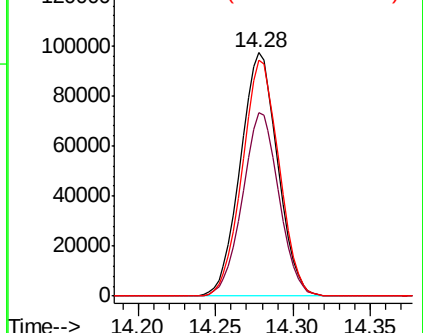
157 95.7 48.7 146.1

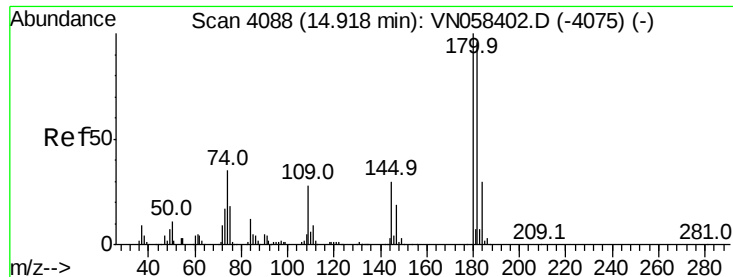


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

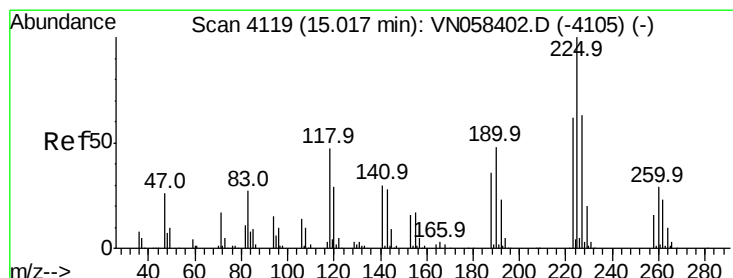
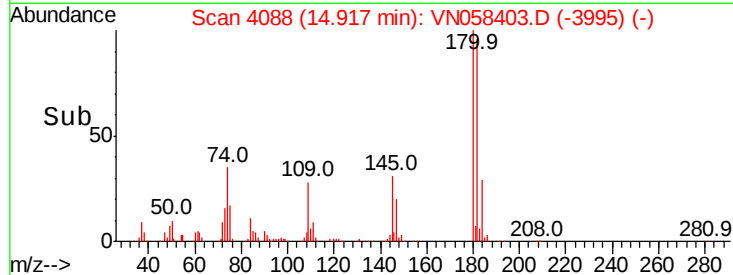
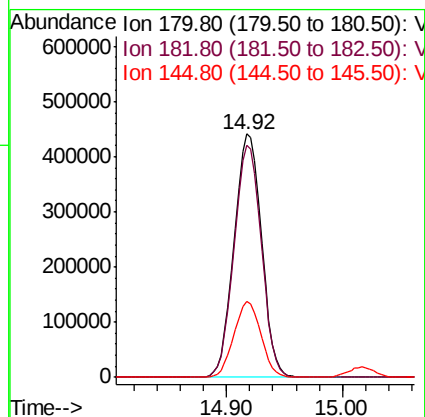
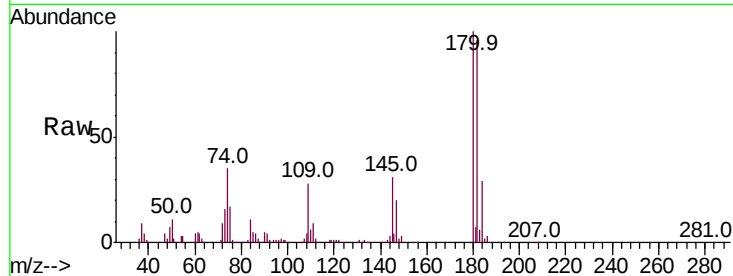




#93
 1,2,4-Trichlorobenzene
 Concen: 116.406 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

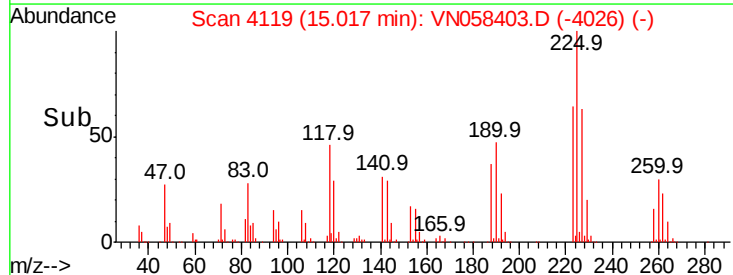
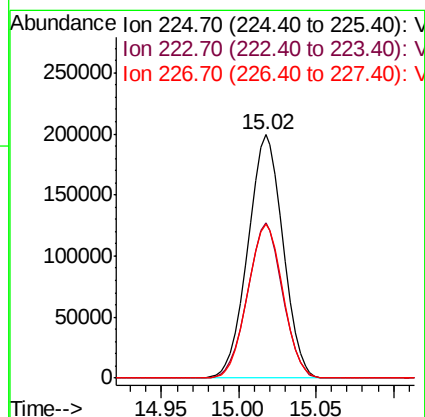
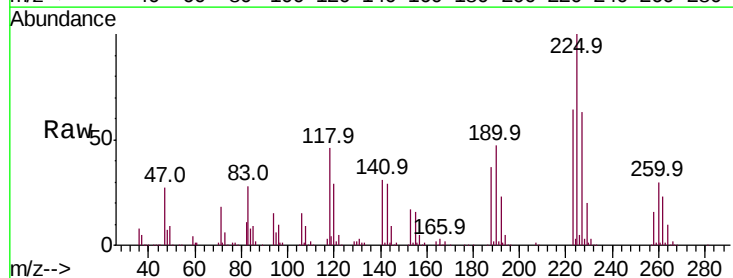
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

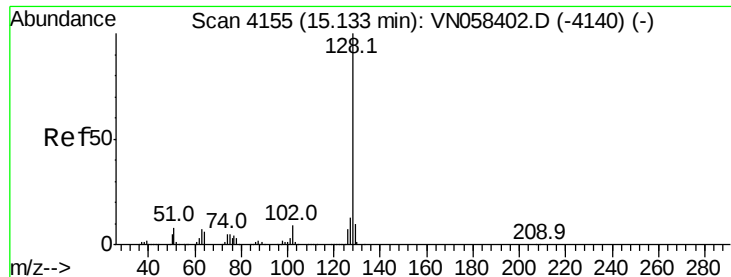
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.4	142.3
145	30.6	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 99.333 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058403.D
 Acq: 27 Sep 2019 12:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.5
227	63.5	31.4	94.2





#95

Naphthalene

Concen: 108.720 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

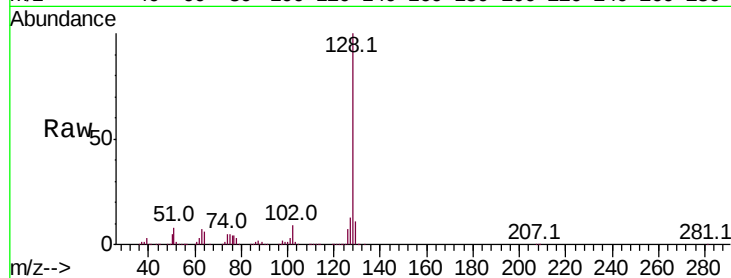
Tot Ion:128 Resp: 1965138

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

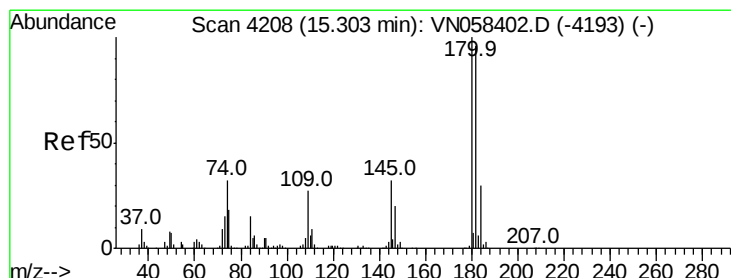
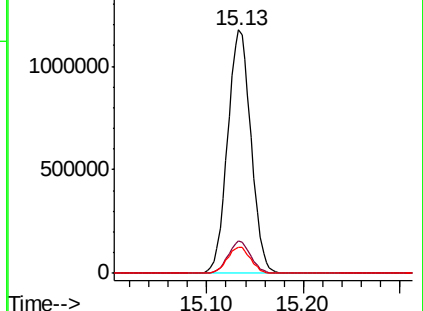
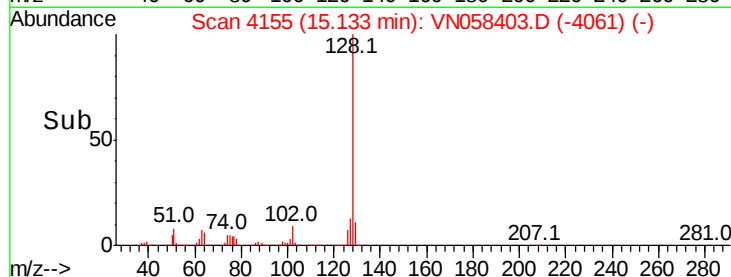
129 10.7 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 108.174 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058403.D

Acq: 27 Sep 2019 12:39

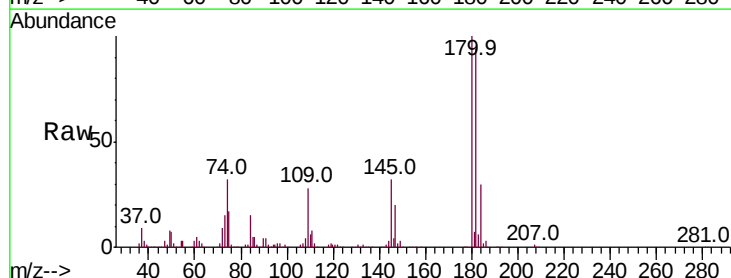
Tgt Ion:180 Resp: 669408

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.9

145 32.1 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

