

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058699.D
 Acq On : 11 Oct 2019 13:20
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 11 23:34:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 23:28:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	463062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	753648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	713129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	372198	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	935152	139.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.28%	
35) Dibromofluoromethane	7.57	113	686922	149.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.04%	
50) Toluene-d8	10.08	98	2695534	148.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.64%	
62) 4-Bromofluorobenzene	12.40	95	1093648	165.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	330.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	867502	167.129	ug/l	99
3) Chloromethane	2.04	50	977878	169.086	ug/l	100
4) Vinyl Chloride	2.17	62	1038838	182.743	ug/l	99
5) Bromomethane	2.52	94	597964	191.464	ug/l	98
6) Chloroethane	2.67	64	616966	180.704	ug/l	99
7) Trichlorofluoromethane	2.99	101	1200279	176.920	ug/l	99
8) Diethyl Ether	3.39	74	444549	155.651	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	669452	149.769	ug/l	98
10) Methyl Iodide	3.93	142	1005166	193.332	ug/l	100
11) Tert butyl alcohol	4.76	59	817370	1018.278	ug/l	99
12) 1,1-Dichloroethene	3.71	96	657684	150.934	ug/l	95
13) Acrolein	3.58	56	663503	1840.654	ug/l	100
14) Allyl chloride	4.30	41	1341795	166.409	ug/l	98
15) Acrylonitrile	4.96	53	2092420	923.538	ug/l	100
16) Acetone	3.79	43	1912011	808.703	ug/l	100
17) Carbon Disulfide	4.03	76	2108962	178.543	ug/l	100
18) Methyl Acetate	4.30	43	1022413	170.698	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	2444365	157.878	ug/l	97
20) Methylene Chloride	4.53	84	778539	145.688	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	731885	150.489	ug/l	99
22) Diisopropyl ether	5.93	45	2693057	156.779	ug/l	96
23) Vinyl Acetate	5.87	43	9732324	745.146	ug/l #	87
24) 1,1-Dichloroethane	5.82	63	1465369	151.866	ug/l	99
25) 2-Butanone	6.81	43	2997190	915.703	ug/l	100
26) 2,2-Dichloropropane	6.80	77	1278298	159.573	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	844847	149.367	ug/l	99
28) Bromochloromethane	7.18	49	505439	134.530	ug/l	99
29) Tetrahydrofuran	7.19	42	1961567	939.698	ug/l	100
30) Chloroform	7.35	83	1431921	147.090	ug/l	99
31) Cyclohexane	7.63	56	1389774	148.486	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	1275139	158.289	ug/l	99
36) 1,1-Dichloropropene	7.77	75	1139342	157.181	ug/l	100
37) Ethyl Acetate	6.91	43	1212179	190.534	ug/l	98
38) Carbon Tetrachloride	7.75	117	1126422	169.902	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1374453	161.925	ug/l	100
40) Benzene	8.02	78	3210751	154.185	ug/l	99
41) Methacrylonitrile	7.19	41	1761385	590.453	ug/l #	1
42) 1,2-Dichloroethane	8.11	62	1208921	149.287	ug/l	100
43) Isopropyl Acetate	8.15	43	2037558	172.929	ug/l	99
44) Trichloroethene	8.82	130	802777	156.351	ug/l	98
45) 1,2-Dichloropropane	9.11	63	876979	156.871	ug/l	100
46) Dibromomethane	9.20	93	556428	156.824	ug/l	99
47) Bromodichloromethane	9.39	83	1161048	171.352	ug/l	100
48) Methyl methacrylate	9.19	41	963759	180.022	ug/l	98
49) 1,4-Dioxane	9.19	88	305084	4189.244	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	5053742	818.960	ug/l #	85
52) Toluene	10.15	92	2046752	155.869	ug/l	94
53) t-1,3-Dichloropropene	10.38	75	1389212	187.807	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	1450895	177.765	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	790039	164.694	ug/l	99
56) Ethyl methacrylate	10.43	69	1377782	187.944	ug/l	97
57) 1,3-Dichloropropane	10.71	76	1403162	163.890	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	3101169	1022.306	ug/l	98
59) 2-Hexanone	10.75	43	4161264	915.805	ug/l	87
60) Dibromochloromethane	10.90	129	900064	194.294	ug/l	100
61) 1,2-Dibromoethane	11.00	107	845754	171.848	ug/l	99
64) Tetrachloroethene	10.63	164	698993	152.379	ug/l	96
65) Chlorobenzene	11.43	112	2143902	151.113	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	803818	166.436	ug/l	100
67) Ethyl Benzene	11.51	91	3666516	142.456	ug/l #	87
68) m/p-Xylenes	11.62	106	2969927	306.667	ug/l	79
69) o-Xylene	11.95	106	1458859	156.929	ug/l	91
70) Styrene	11.97	104	2473868	163.794	ug/l	99
71) Bromoform	12.13	173	665299	215.386	ug/l #	99
73) Isopropylbenzene	12.25	105	3616243	132.124	ug/l	95
74) N-amyl acetate	12.07	43	1930948	173.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1280988	155.418	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	1779014	256.726	ug/l #	100
77) Bromobenzene	12.53	156	943162	146.490	ug/l	99
78) n-propylbenzene	12.59	91	4109404	132.713	ug/l	92
79) 2-Chlorotoluene	12.68	91	2713798	142.120	ug/l	98
80) 1,3,5-Trimethylbenzene	12.74	105	3226622	140.406	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.30	75	492735	207.447	ug/l	97
82) 4-Chlorotoluene	12.78	91	2860128	146.412	ug/l	98
83) tert-Butylbenzene	13.00	119	2837934	146.338	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3238902	140.680	ug/l	94
85) sec-Butylbenzene	13.18	105	3638736	142.083	ug/l	96
86) p-Isopropyltoluene	13.29	119	3355690	148.193	ug/l	94
87) 1,3-Dichlorobenzene	13.29	146	1781640	152.050	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1772439	152.297	ug/l	100
89) n-Butylbenzene	13.62	91	3206884	155.403	ug/l	94
90) Hexachloroethane	13.88	117	659304	189.477	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	1712059	151.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	293430	195.536	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Oct 11 23:28:43 2019
Response via : Initial Calibration

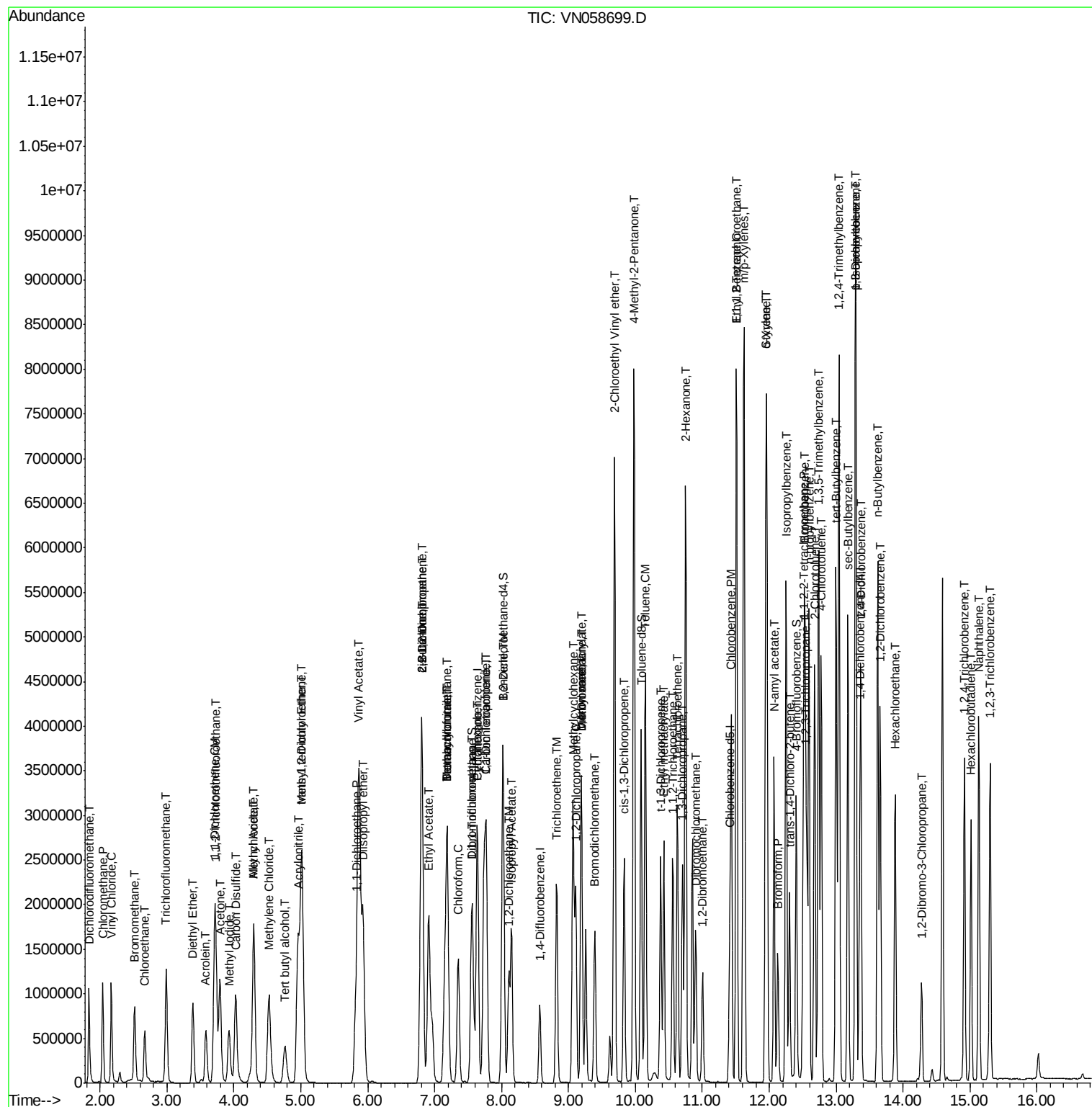
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	1141880	181.561	ug/l	100
94) Hexachlorobutadiene	15.02	225	541906	165.412	ug/l	99
95) Naphthalene	15.13	128	3216514	193.131	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	1097639	190.760	ug/l	99

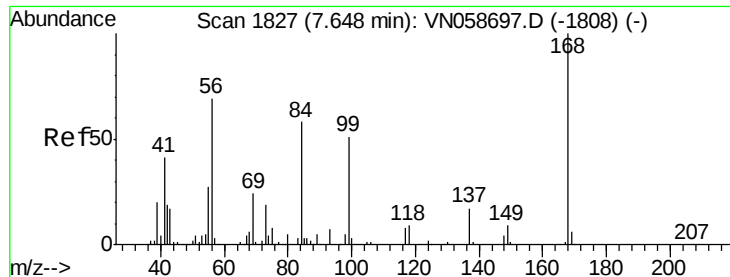
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 11 23:34:36 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

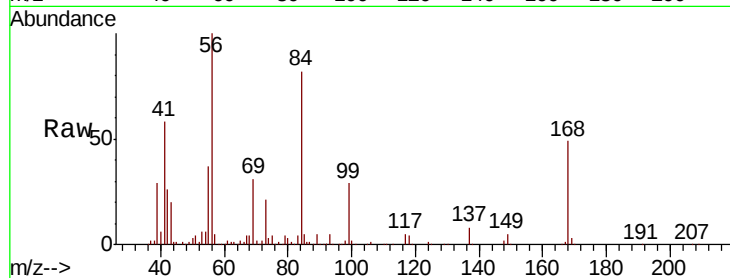
VSTDIC150

Tot Ion:168 Resp: 463062

Ion Ratio Lower Upper

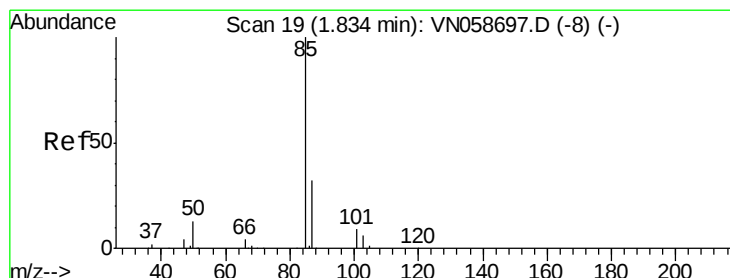
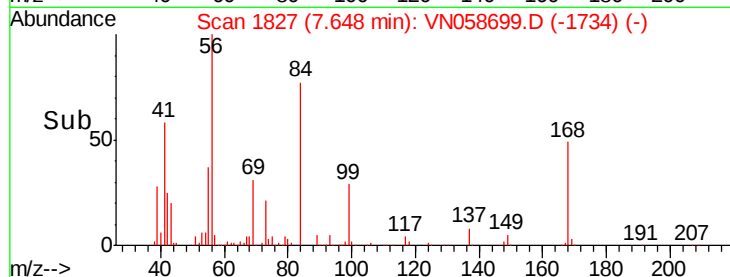
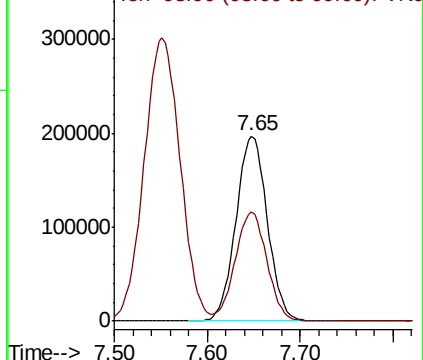
168 100

99 58.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 167.129 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058699.D

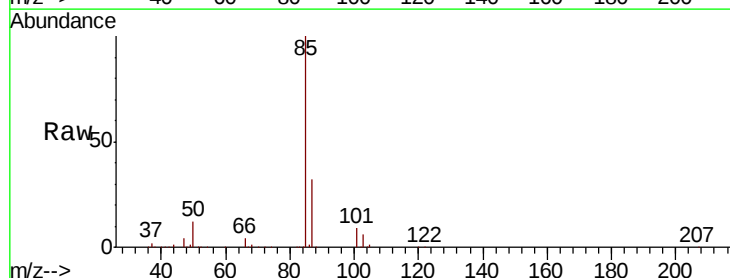
Acq: 11 Oct 2019 13:20

Tgt Ion: 85 Resp: 867502

Ion Ratio Lower Upper

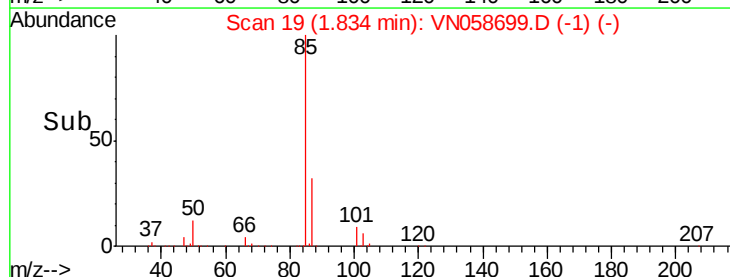
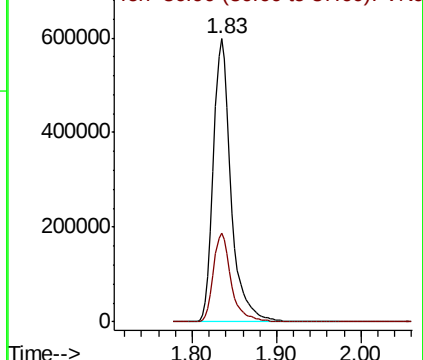
85 100

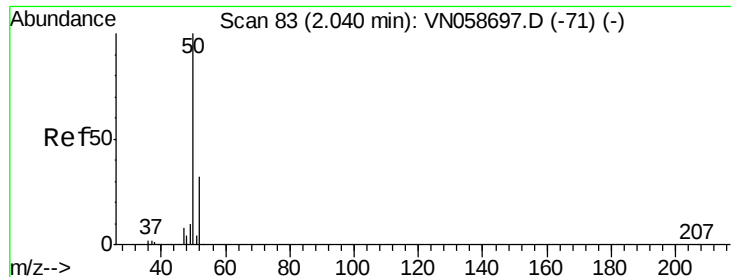
87 31.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 169.086 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

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ClientSampleId :

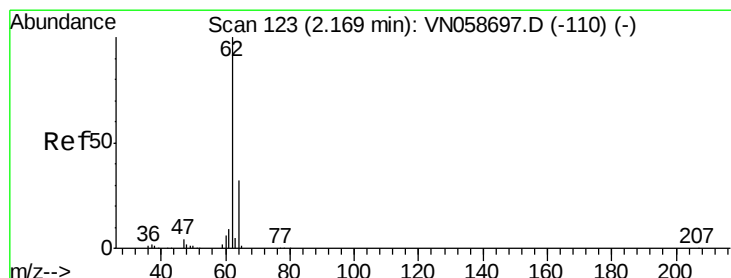
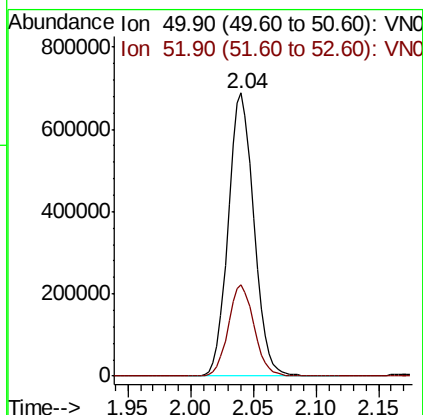
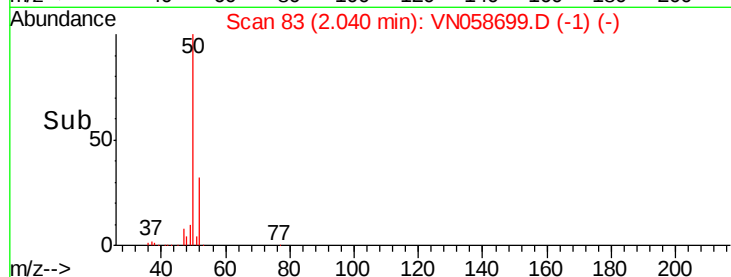
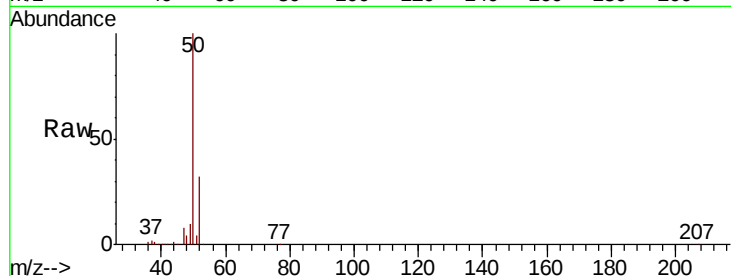
VSTDIC150

Tot Ion: 50 Resp: 977878

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.6



#4

Vinyl Chloride

Concen: 182.743 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058699.D

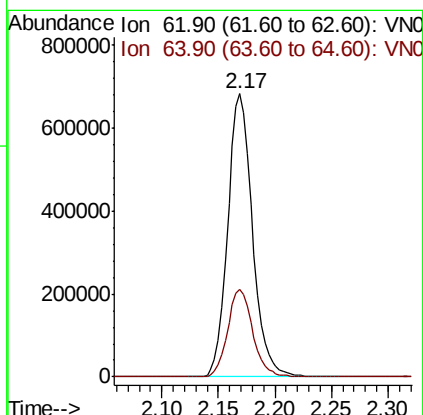
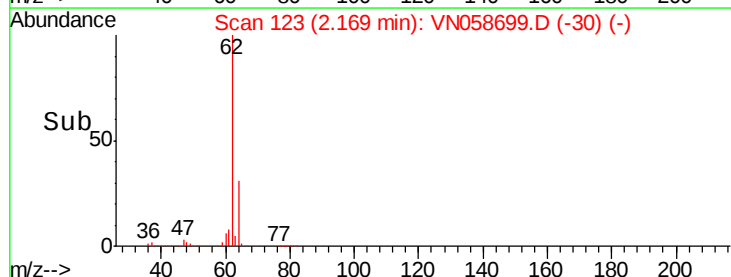
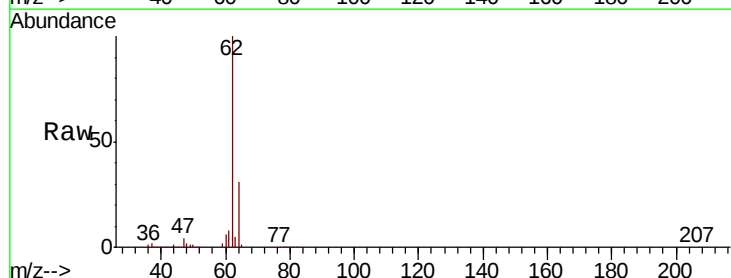
Acq: 11 Oct 2019 13:20

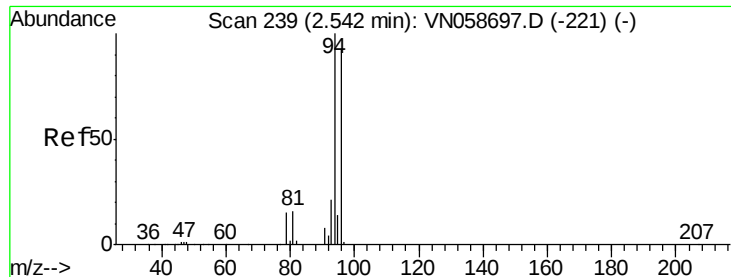
Tgt Ion: 62 Resp: 1038838

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 191.464 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.03 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

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ClientSampleId :

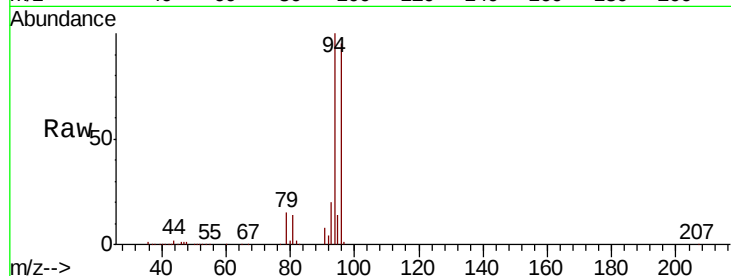
VSTDIC150

Tot Ion: 94 Resp: 597964

Ion Ratio Lower Upper

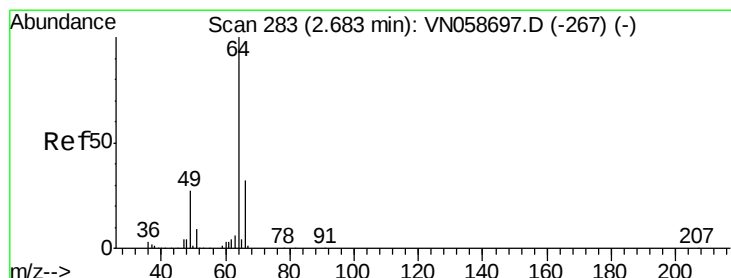
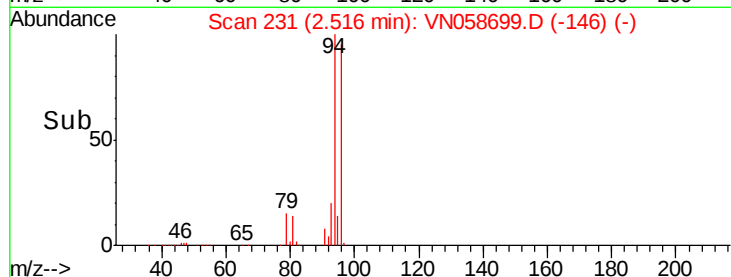
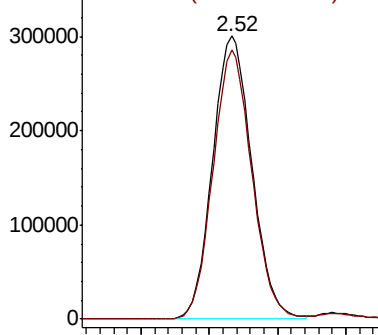
94 100

96 95.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 180.704 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.02 min

Lab File: VN058699.D

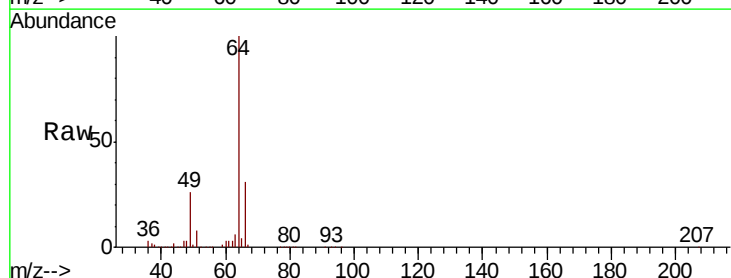
Acq: 11 Oct 2019 13:20

Tgt Ion: 64 Resp: 616966

Ion Ratio Lower Upper

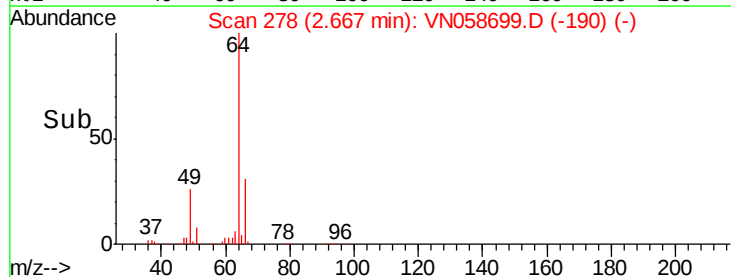
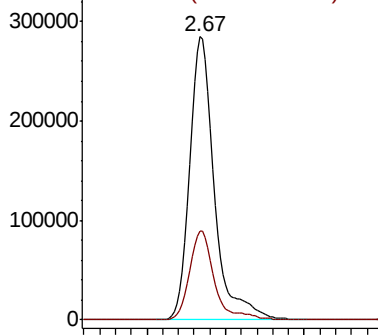
64 100

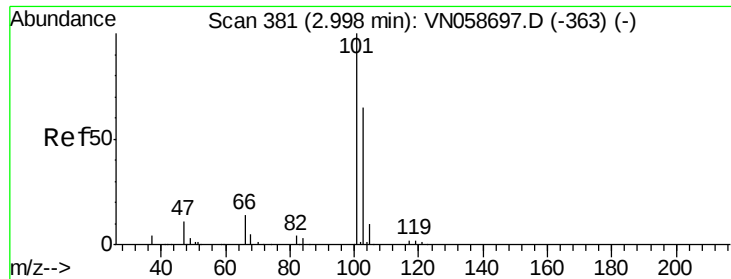
66 31.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



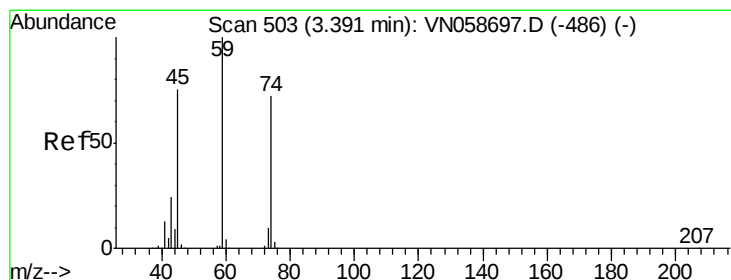
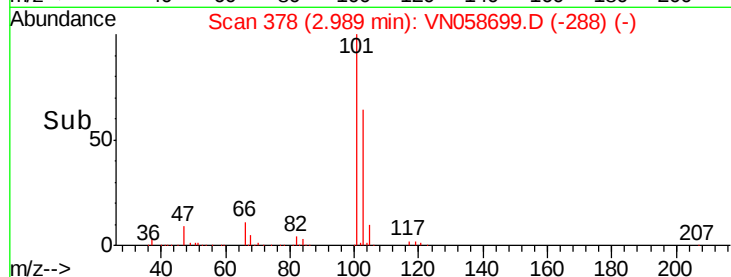
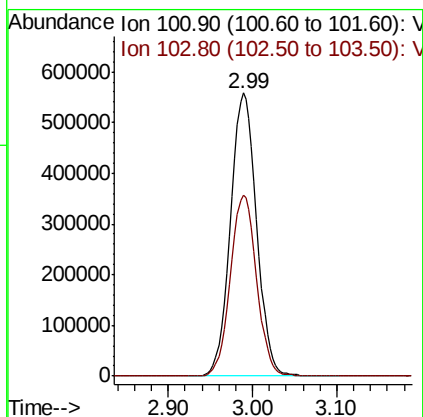
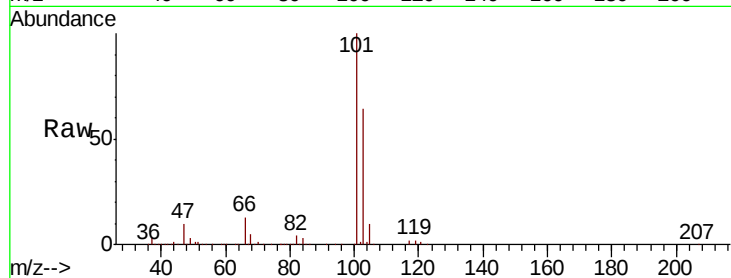


#7

Trichlorofluoromethane
Concen: 176.920 ug/l
RT: 2.99 min Scan# 378
Delta R.T. -0.01 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

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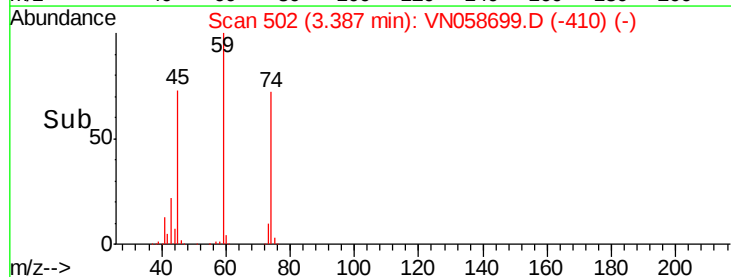
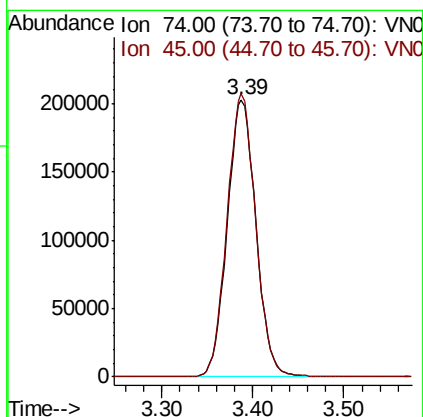
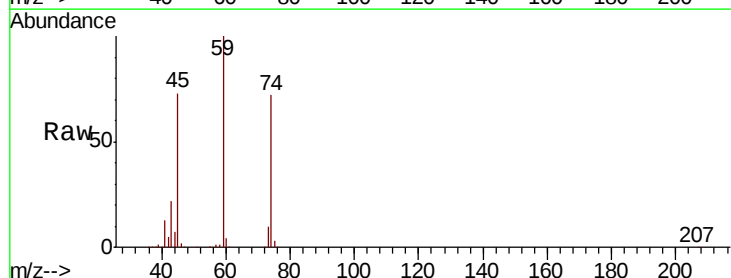
Tot Ion:101 Resp: 1200279
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

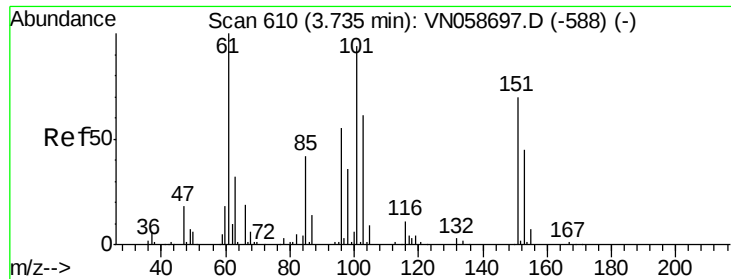


#8

Diethyl Ether
Concen: 155.651 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion: 74 Resp: 444549
Ion Ratio Lower Upper
74 100
45 101.4 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.769 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

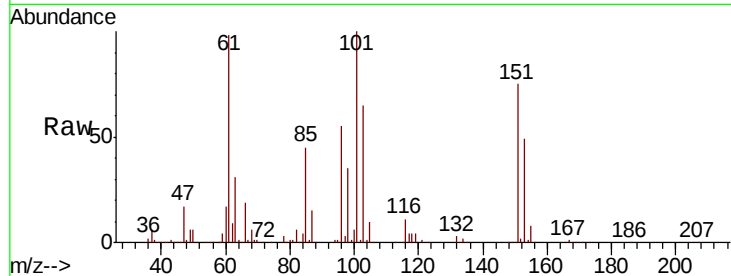
Tot Ion:101 Resp: 669452

Ion Ratio Lower Upper

101 100

85 45.3 37.0 55.6

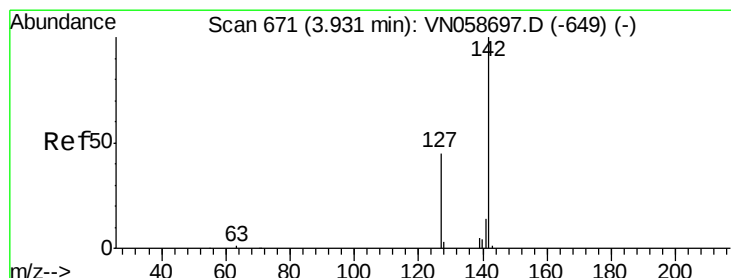
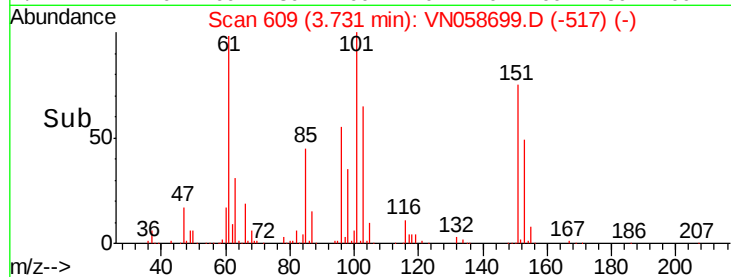
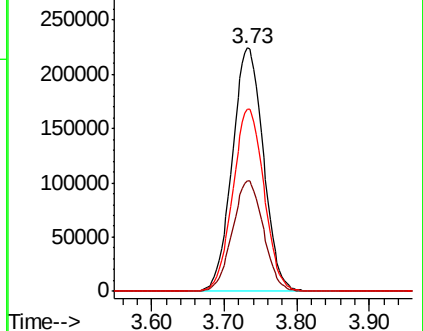
151 75.2 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 193.332 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

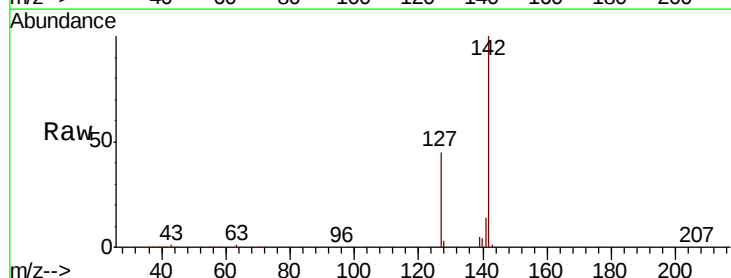
Tgt Ion:142 Resp: 1005166

Ion Ratio Lower Upper

142 100

127 45.4 36.4 54.6

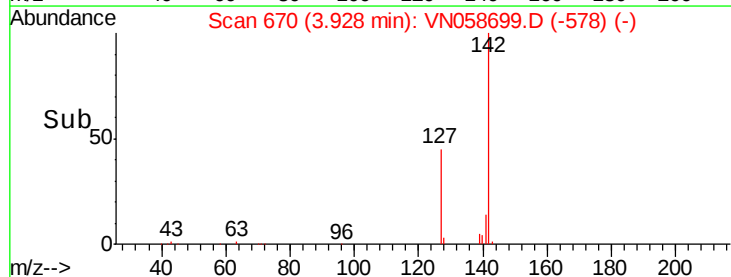
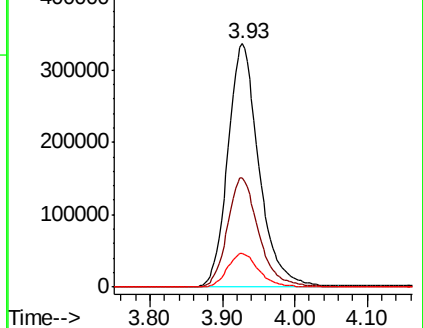
141 14.0 11.1 16.7

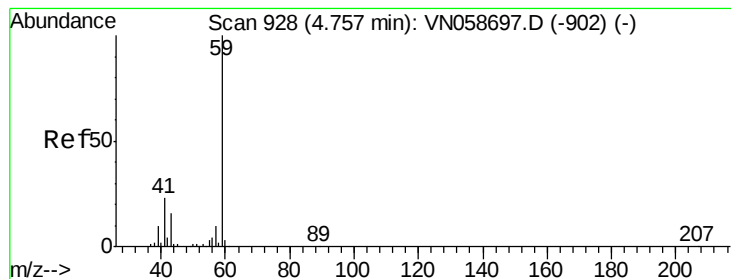


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



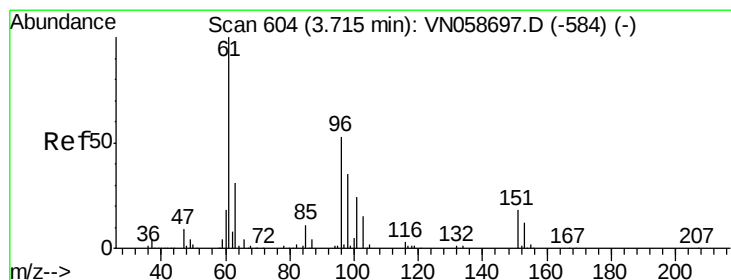
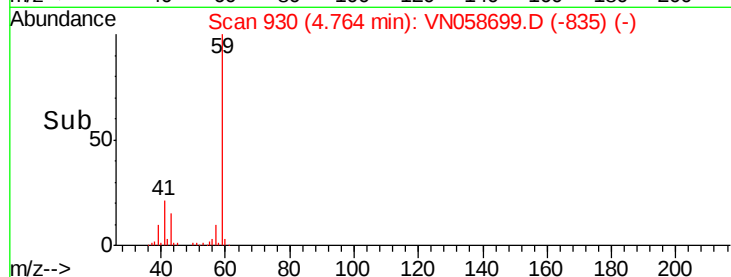
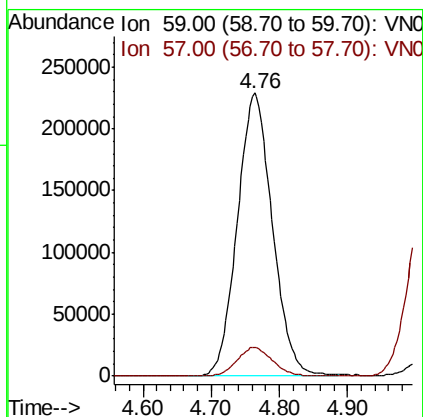
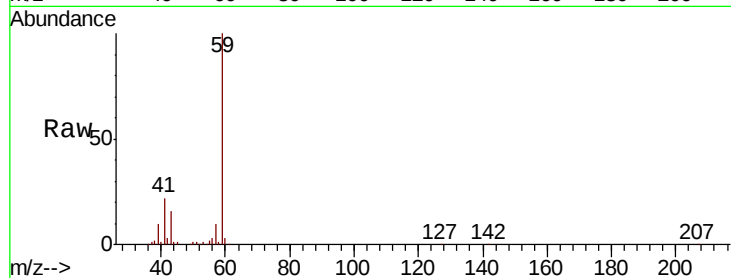


#11

Tert butyl alcohol
 Concen: 1018.278 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

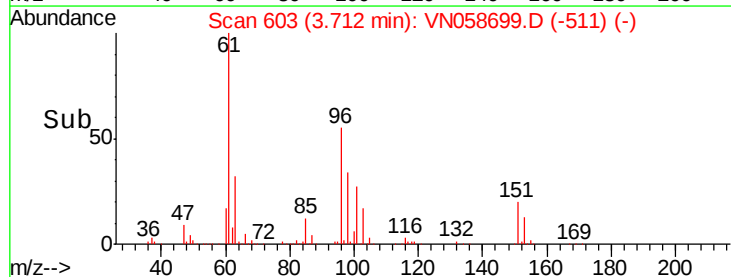
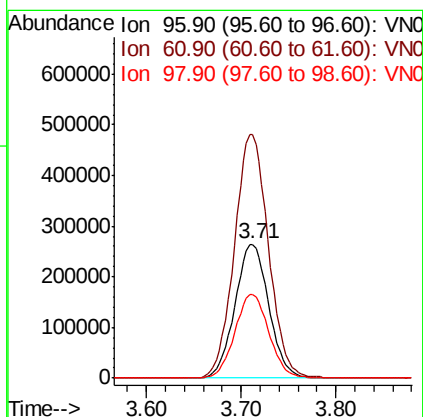
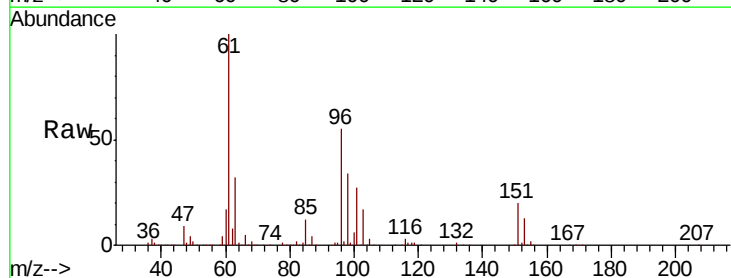
Tot Ion: 59 Resp: 817370
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

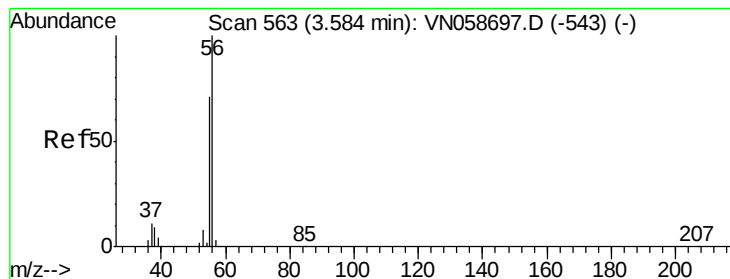


#12

1,1-Dichloroethene
 Concen: 150.934 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

Tgt Ion: 96 Resp: 657684
 Ion Ratio Lower Upper
 96 100
 61 181.7 151.3 226.9
 98 62.7 52.6 78.8





#13

Acrolein

Concen: 1840.654 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

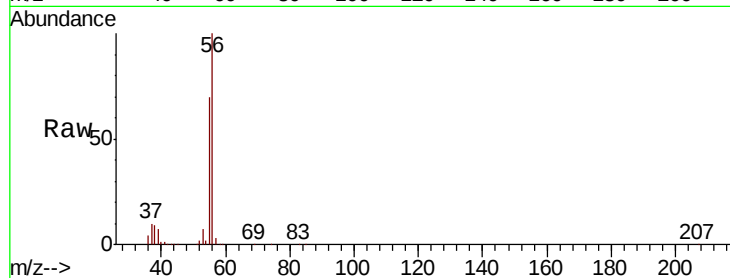
VSTDIC150

Tot Ion: 56 Resp: 663503

Ion Ratio Lower Upper

56 100

55 70.5 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN058699.D (-470) (-)

Ion 55.00 (54.70 to 55.70): VN058699.D (-470) (-)

3.58

250000

200000

150000

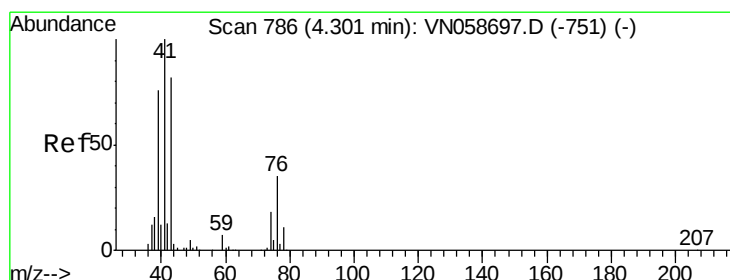
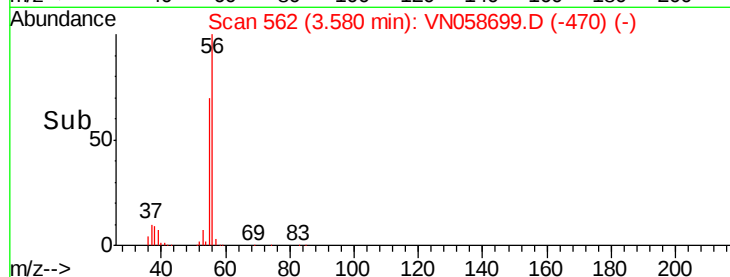
100000

50000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 166.409 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

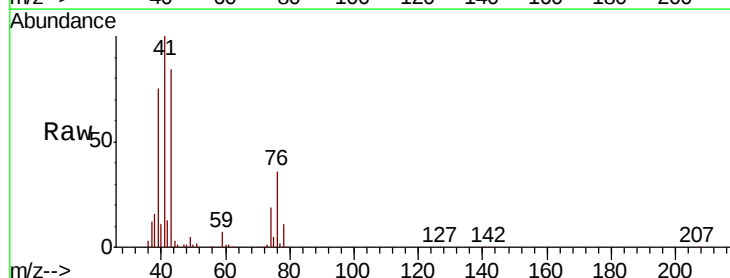
Tgt Ion: 41 Resp: 1341795

Ion Ratio Lower Upper

41 100

39 69.5 57.2 85.8

76 31.7 25.0 37.6



Abundance Ion 41.00 (40.70 to 41.70): VN058699.D (-693) (-)

Ion 39.00 (38.70 to 39.70): VN058699.D (-693) (-)

Ion 75.90 (75.60 to 76.60): VN058699.D (-693) (-)

4.30

600000

500000

400000

300000

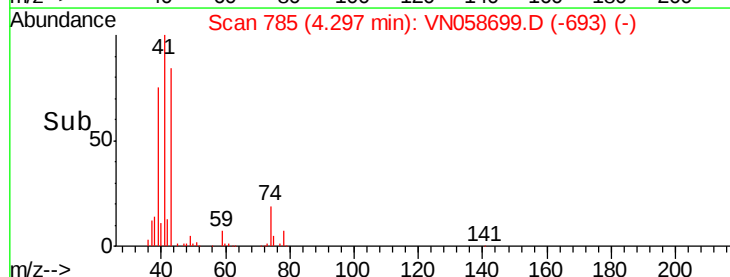
200000

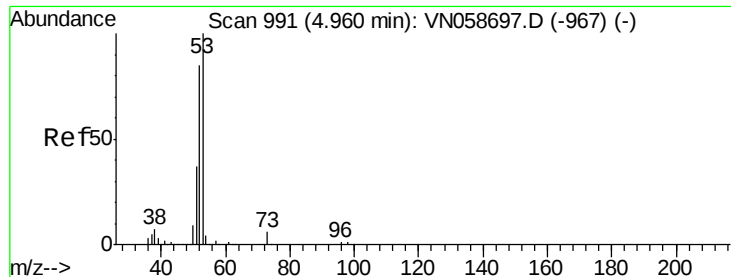
100000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 923.538 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

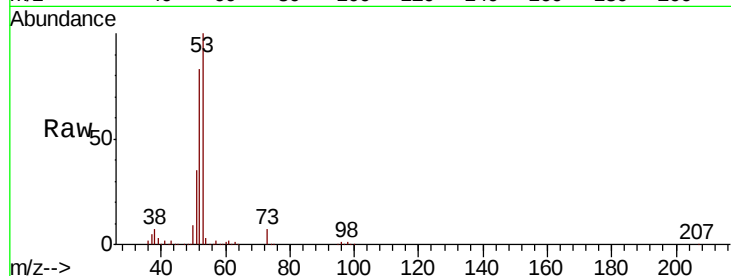
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 2092420

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	36.2	29.4	44.2



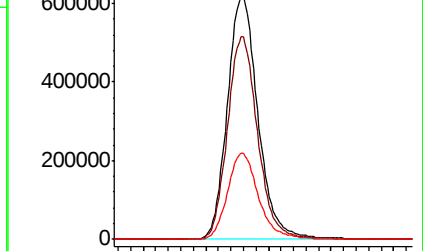
Abundance

Ion 53.00 (52.70 to 53.70): VNO

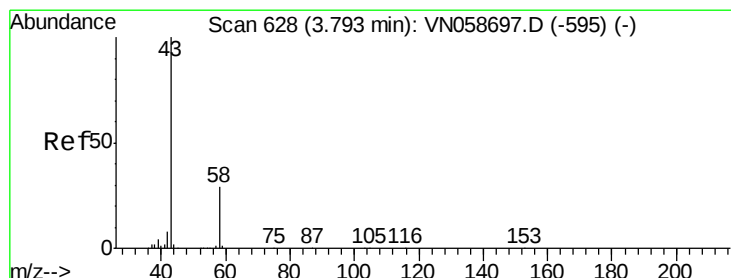
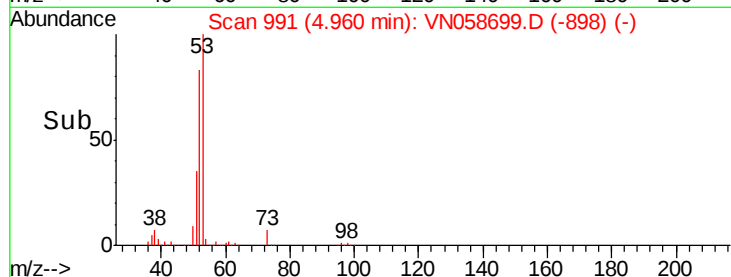
Ion 52.00 (51.70 to 52.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

4.96



Time-->



#16

Acetone

Concen: 808.703 ug/l

RT: 3.79 min Scan# 628

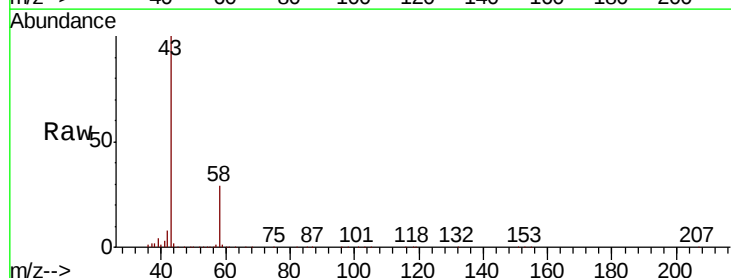
Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Tgt Ion: 43 Resp: 1912011

Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.3	34.9

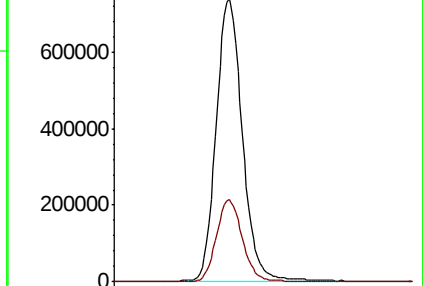


Abundance

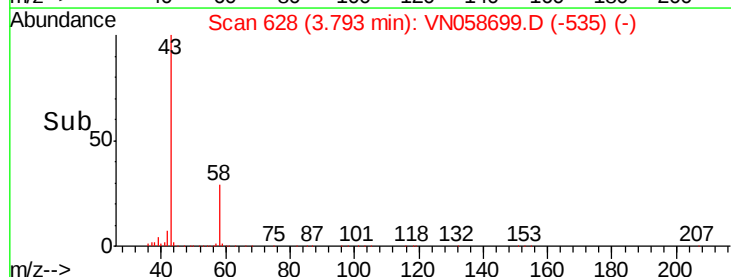
Ion 43.00 (42.70 to 43.70): VNO

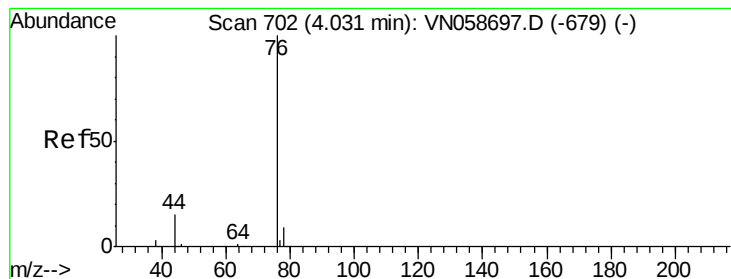
Ion 58.00 (57.70 to 58.70): VNO

3.79



Time-->





#17

Carbon Disulfide

Concen: 178.543 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

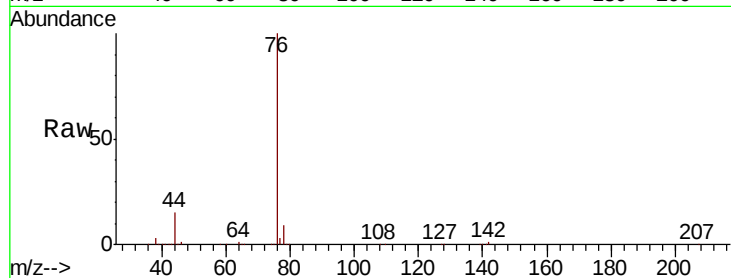
VSTDIC150

Tot Ion: 76 Resp: 2108962

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

4.03

800000

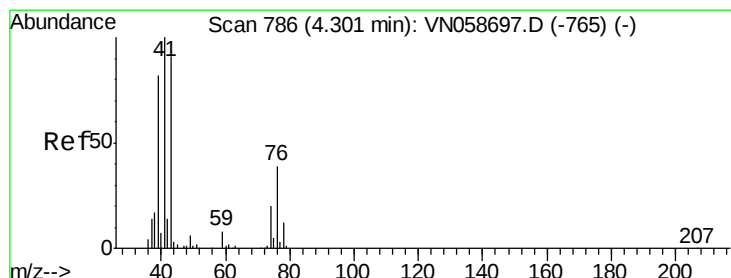
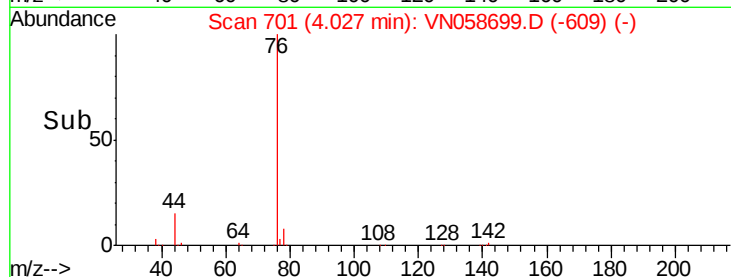
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 170.698 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058699.D

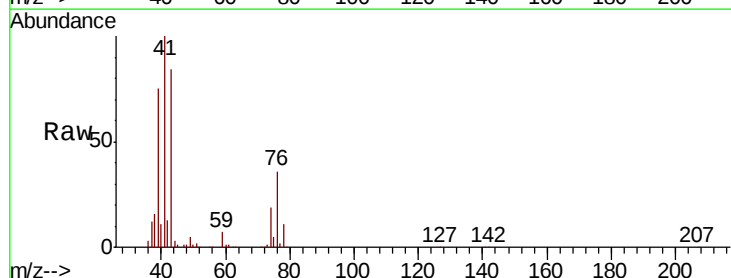
Acq: 11 Oct 2019 13:20

Tgt Ion: 43 Resp: 1022413

Ion Ratio Lower Upper

43 100

74 21.9 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

4.30

400000

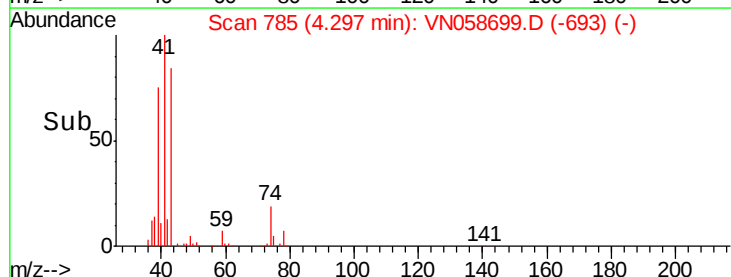
300000

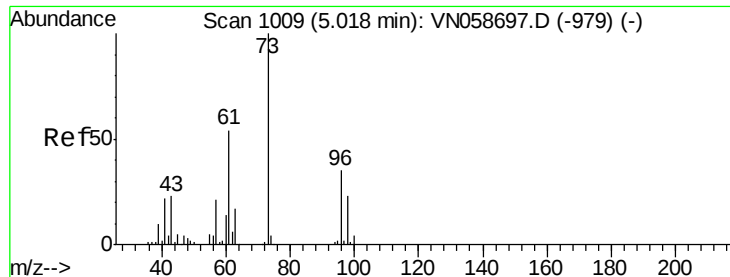
200000

100000

0

Time-->

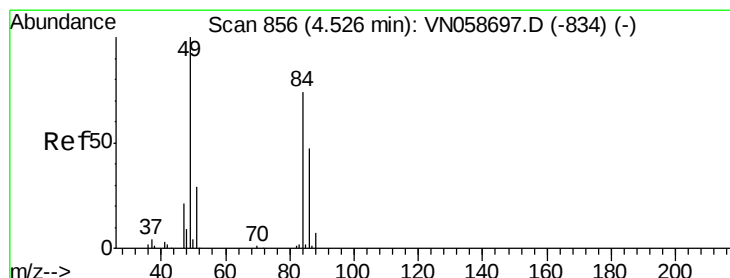
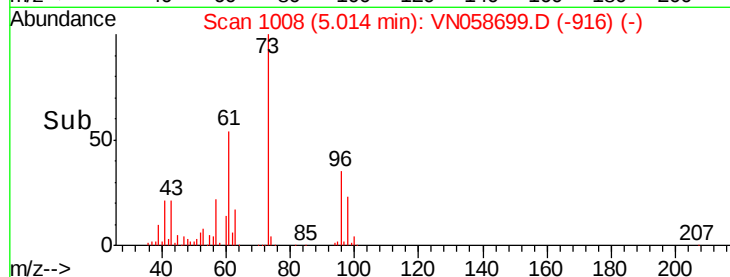
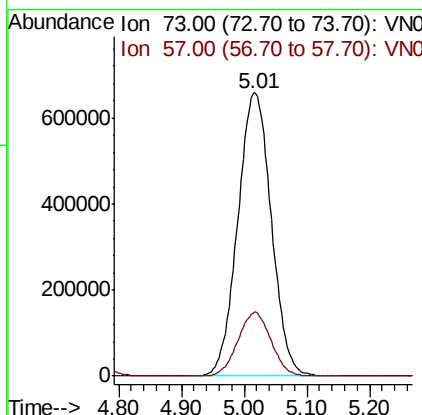
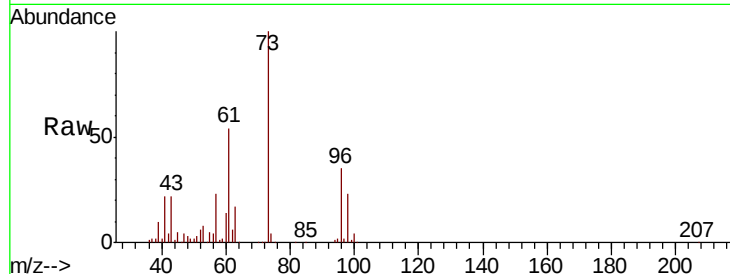




#19
Methvl tert-butvl Ether
Concen: 157.878 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

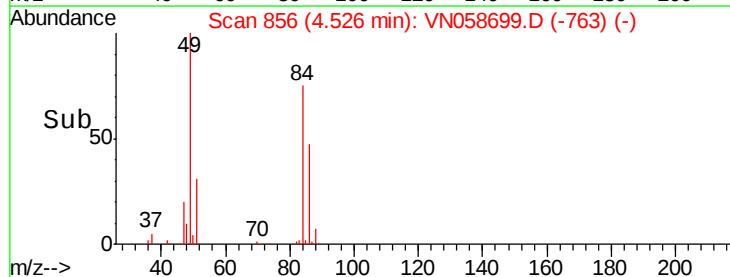
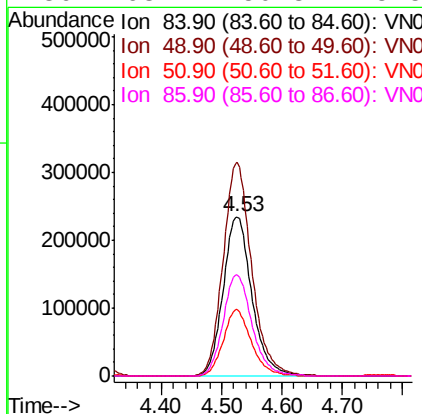
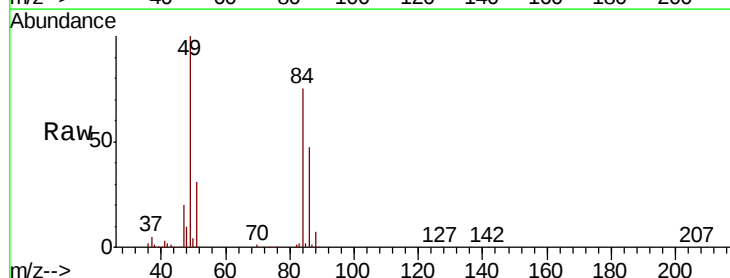
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

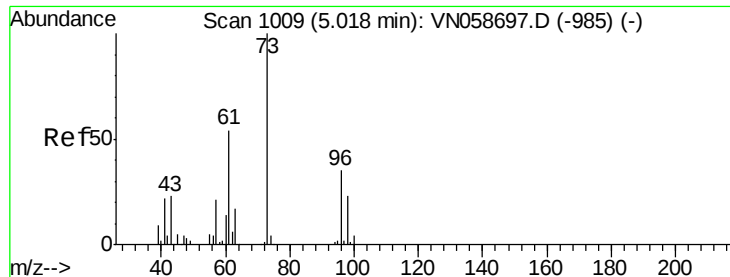
Tot Ion: 73 Resp: 2444365
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.6



#20
Methylene Chloride
Concen: 145.688 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion: 84 Resp: 778539
Ion Ratio Lower Upper
84 100
49 134.1 107.6 161.4
51 41.6 31.4 47.0
86 63.4 50.3 75.5



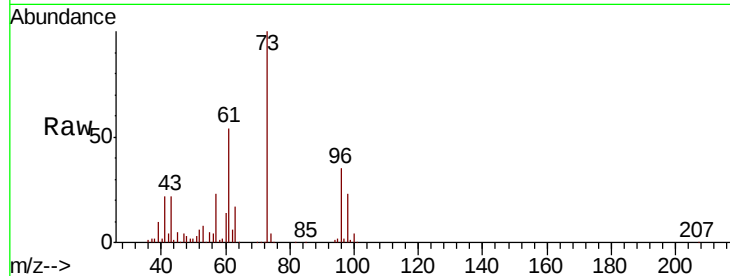


#21

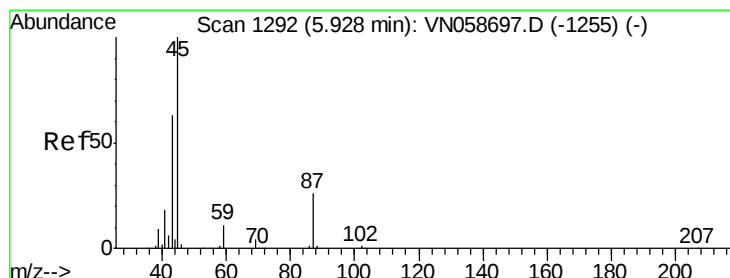
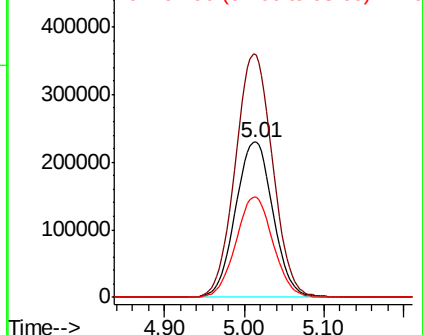
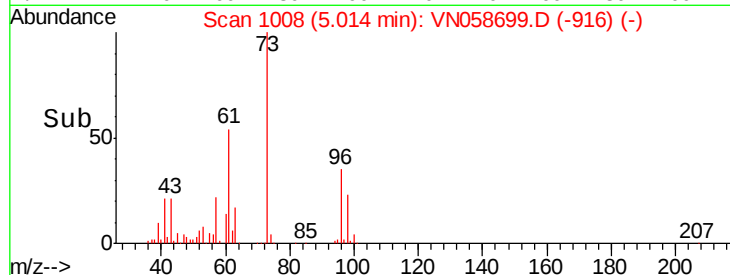
trans-1,2-Dichloroethene
Concen: 150.489 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 96 Resp: 731885
Ion Ratio Lower Upper
96 100
61 156.1 123.6 185.4
98 64.6 52.1 78.1



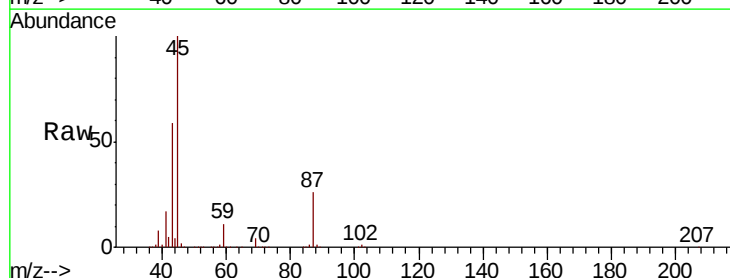
Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



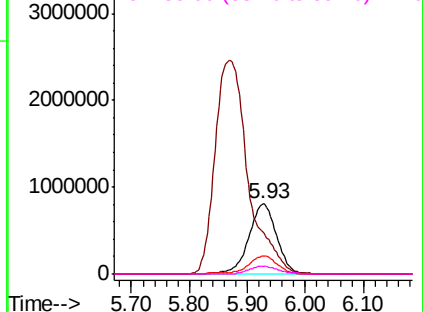
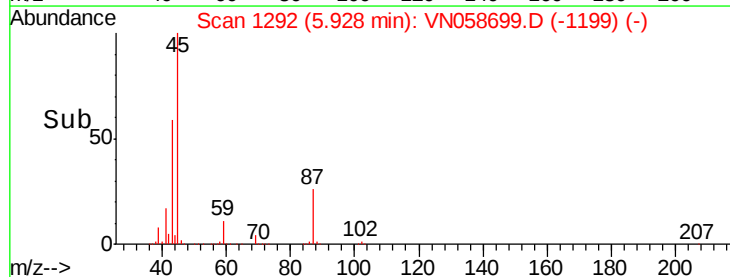
#22

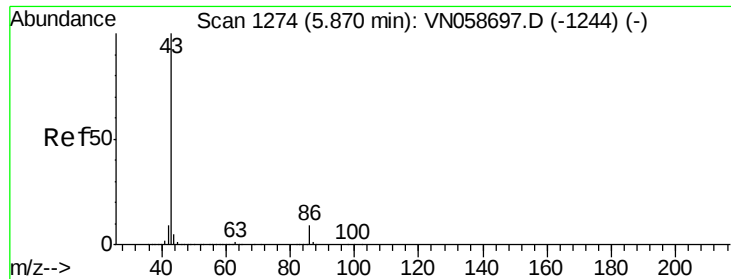
Diisopropyl ether
Concen: 156.779 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion: 45 Resp: 2693057
Ion Ratio Lower Upper
45 100
43 58.6 50.6 75.8
87 25.5 21.1 31.7
59 11.1 9.0 13.4



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





#23

Vinyl Acetate

Concen: 745.146 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampled :

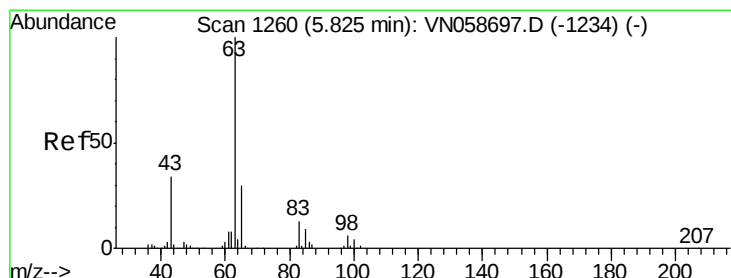
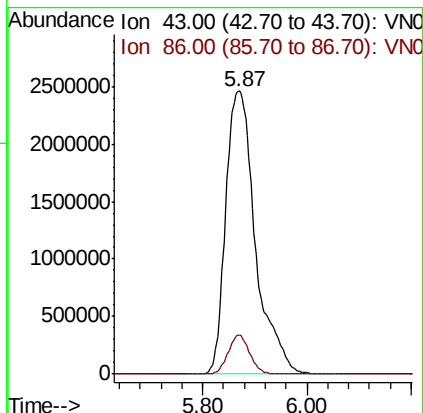
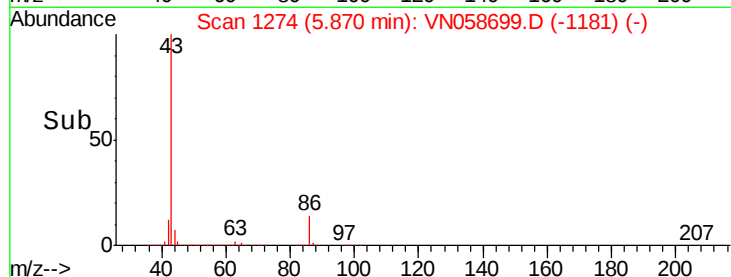
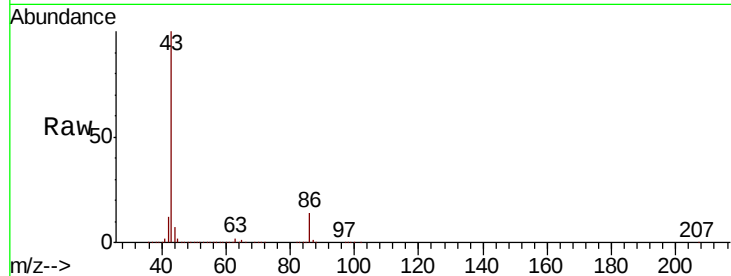
VSTDIC150

Tot Ion: 43 Resp: 9732324

Ion Ratio Lower Upper

43 100

86 13.8 7.4 11.0#



#24

1,1-Dichloroethane

Concen: 151.866 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

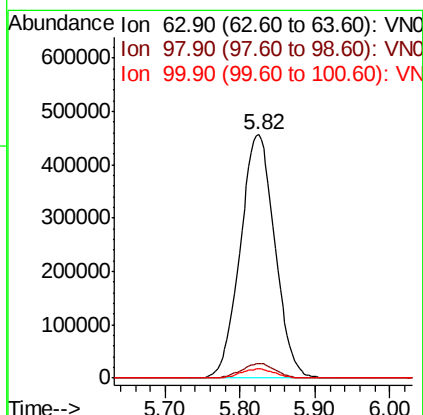
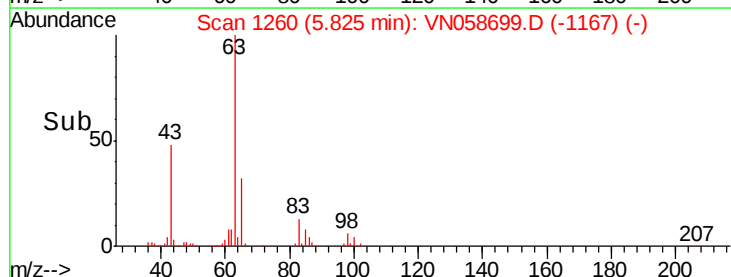
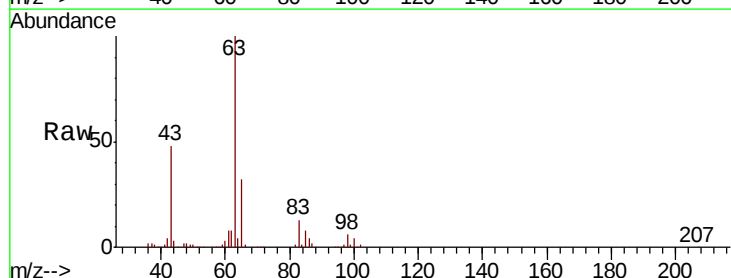
Tgt Ion: 63 Resp: 1465369

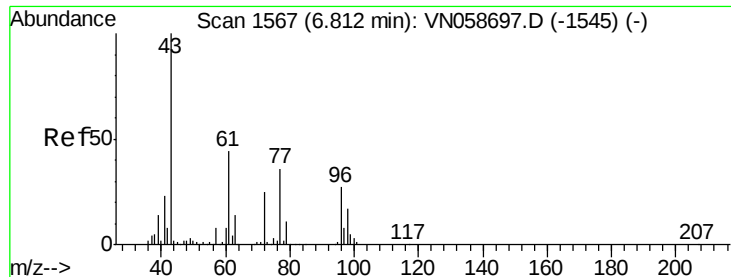
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.6

100 3.7 1.8 5.5





#25

2-Butanone

Concen: 915.703 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

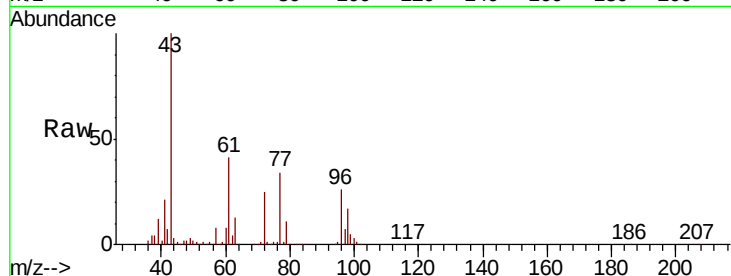
VSTDIC150

Tot Ion: 43 Resp: 2997190

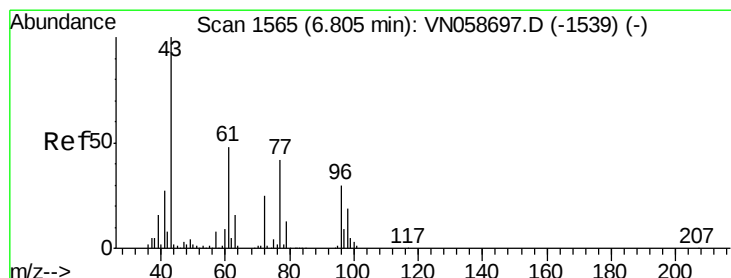
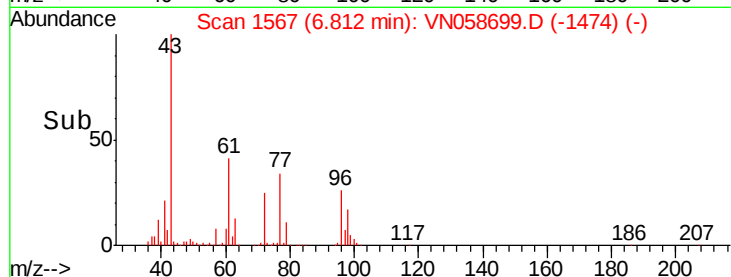
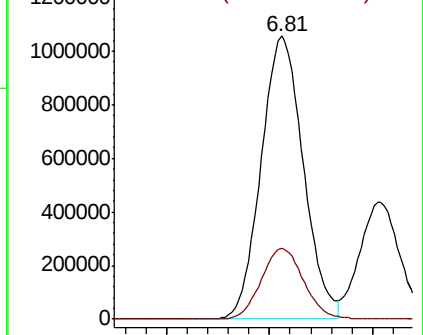
Ion Ratio Lower Upper

43 100

72 25.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN058699.D (-1545) (-)



#26

2,2-Dichloropropane

Concen: 159.573 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058699.D

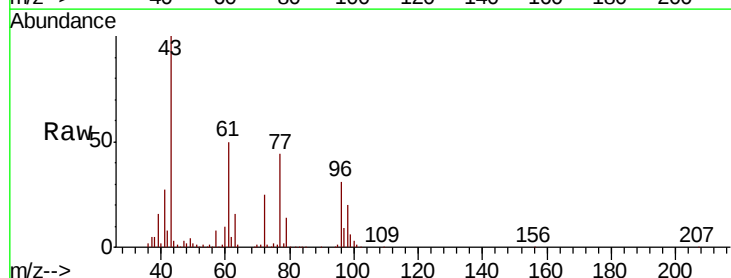
Acq: 11 Oct 2019 13:20

Tgt Ion: 77 Resp: 1278298

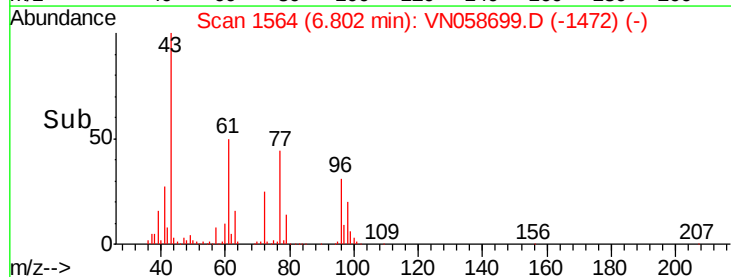
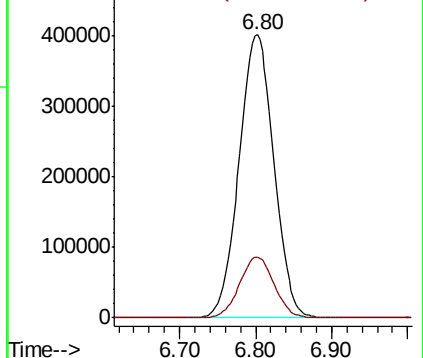
Ion Ratio Lower Upper

77 100

97 21.4 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN058699.D (-1539) (-)





#27

cis-1,2-Dichloroethene

Concen: 149.367 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

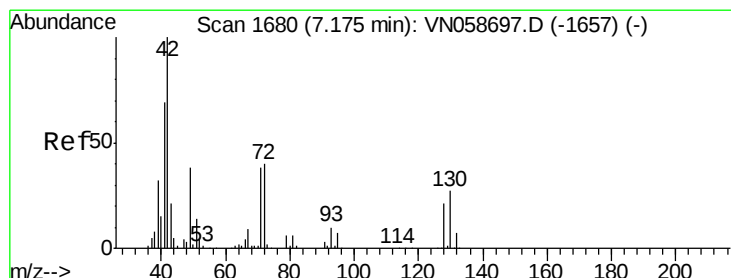
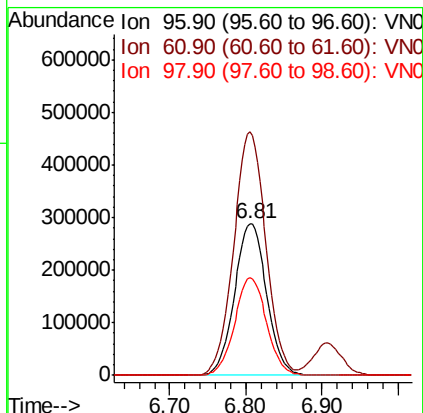
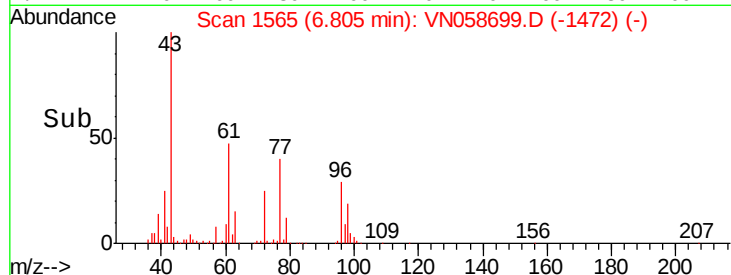
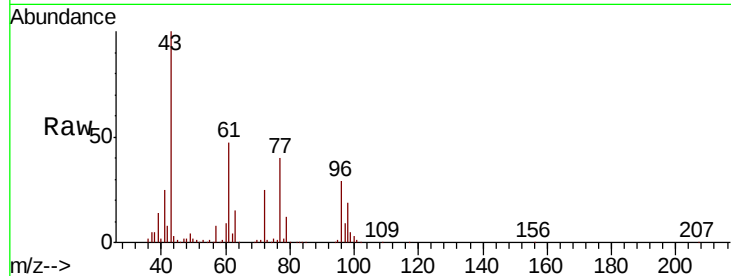
Tot Ion: 96 Resp: 844847

Ion Ratio Lower Upper

96 100

61 160.6 0.0 324.8

98 63.8 0.0 129.2



#28

Bromochloromethane

Concen: 134.530 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

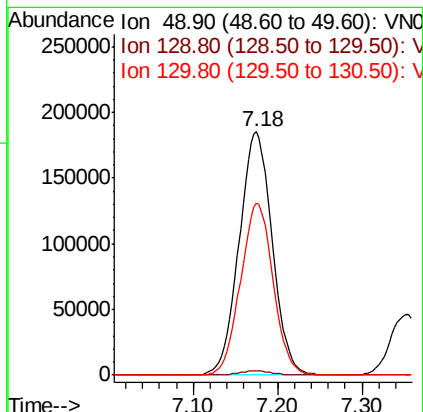
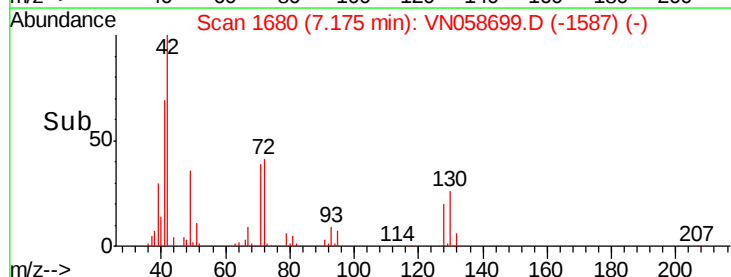
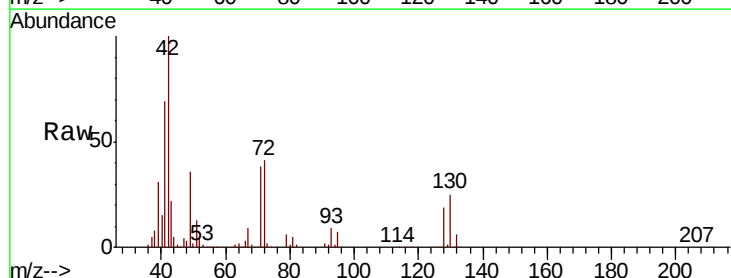
Tgt Ion: 49 Resp: 505439

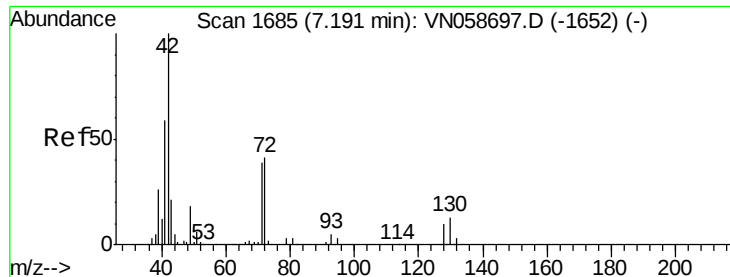
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 69.4 55.0 82.4





#29

Tetrahydrofuran

Concen: 939.698 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

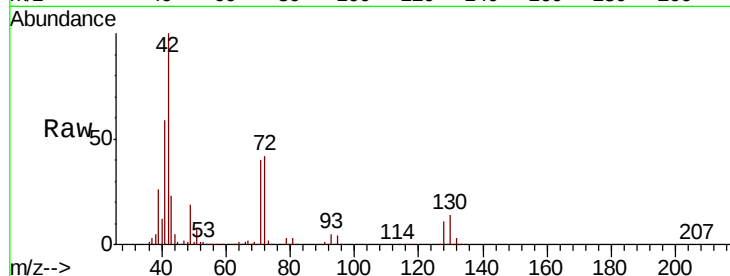
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 42 Resp: 1961567

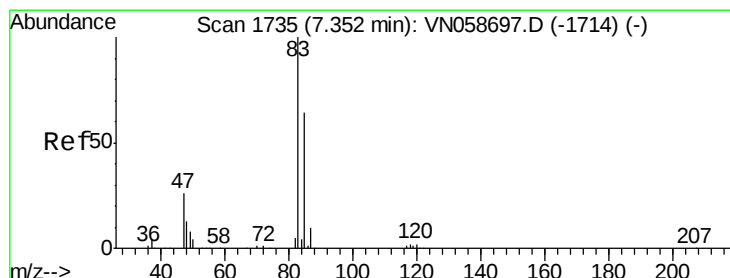
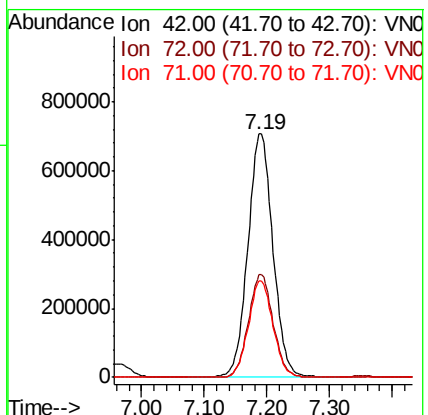
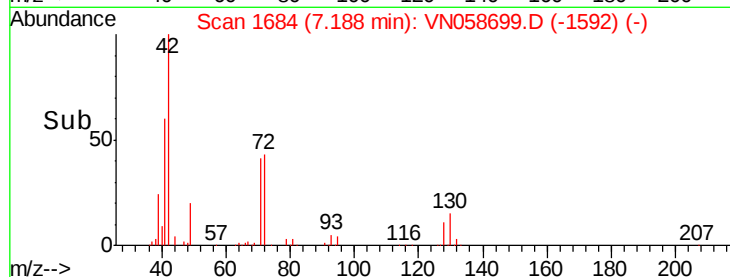
Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.8	49.2
71	39.0	31.1	46.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 147.090 ug/l

RT: 7.35 min Scan# 1735

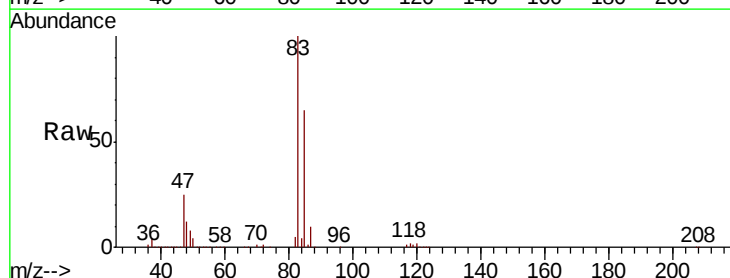
Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

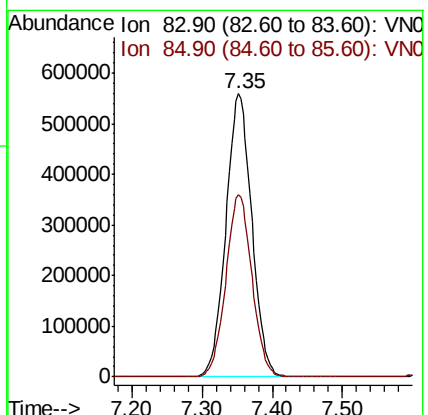
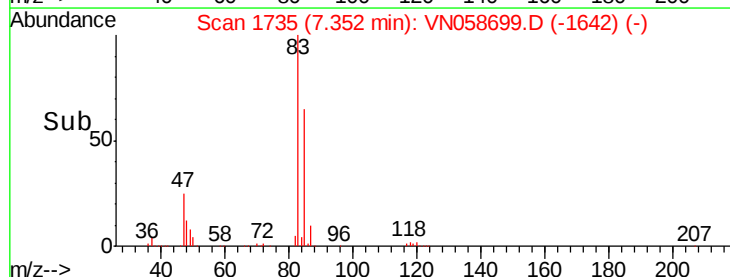
Tgt Ion: 83 Resp: 1431921

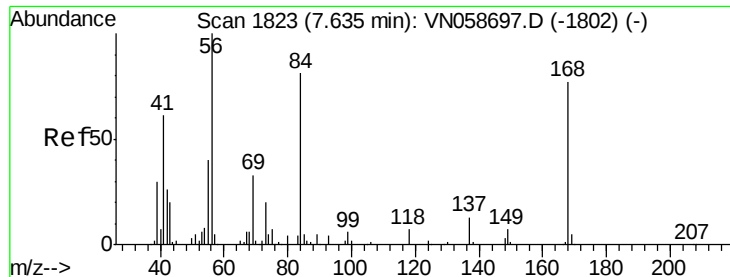
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.0	76.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

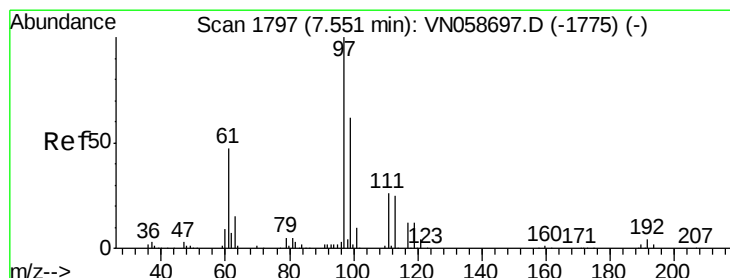
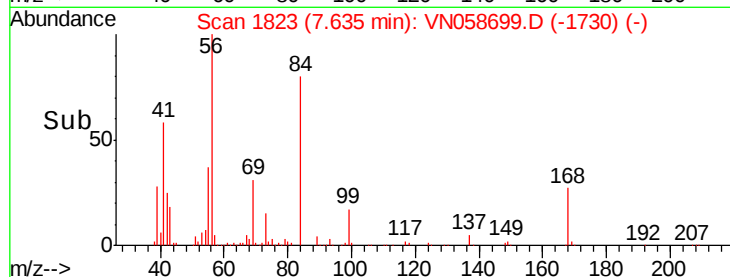
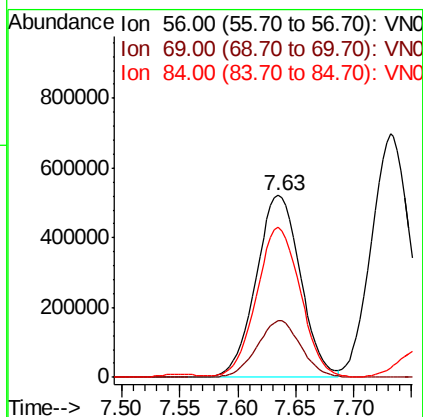
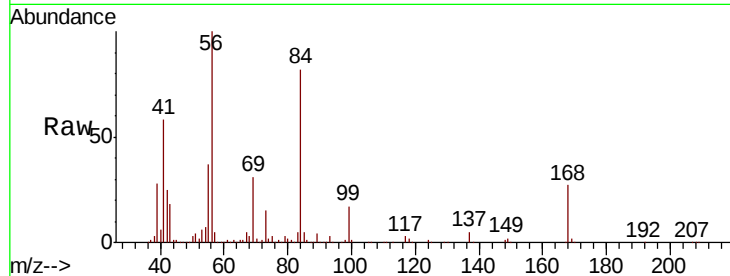




#31
Cyclohexane
Concen: 148.486 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

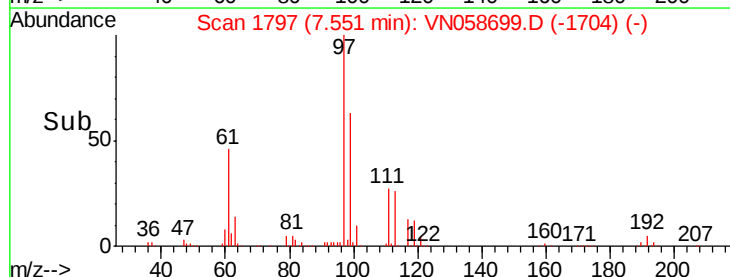
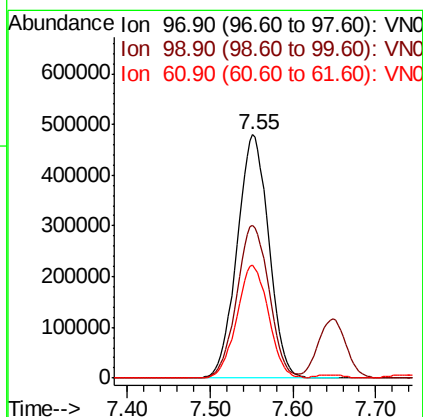
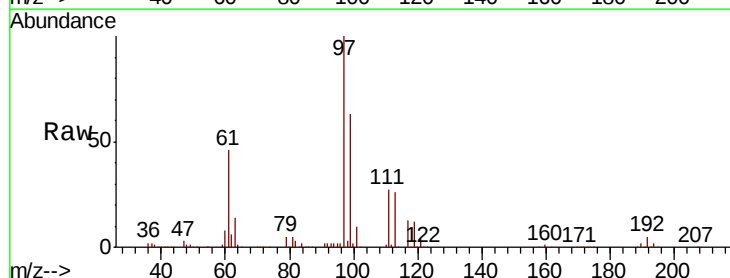
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

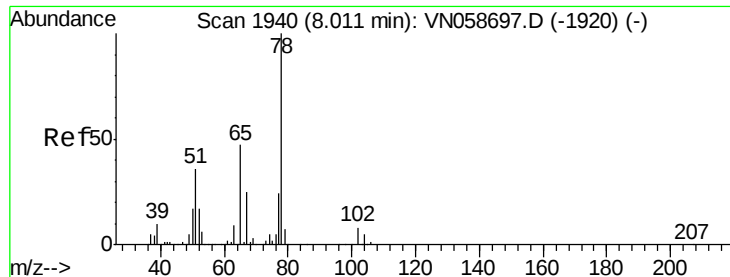
Tot Ion: 56 Resp: 1389774
Ion Ratio Lower Upper
56 100
69 31.3 26.2 39.4
84 81.0 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 158.289 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion: 97 Resp: 1275139
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 46.5 38.1 57.1

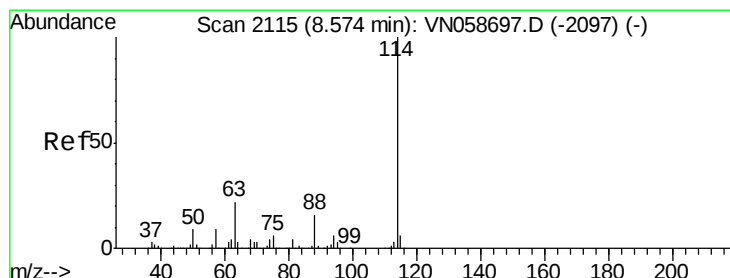
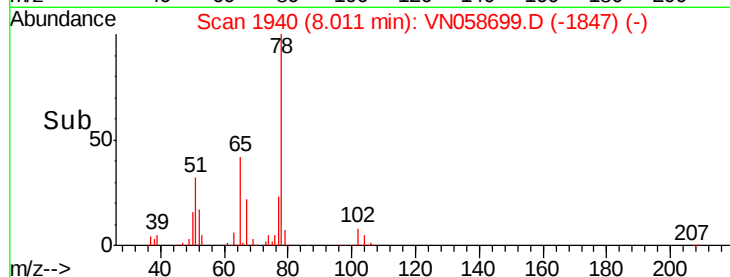
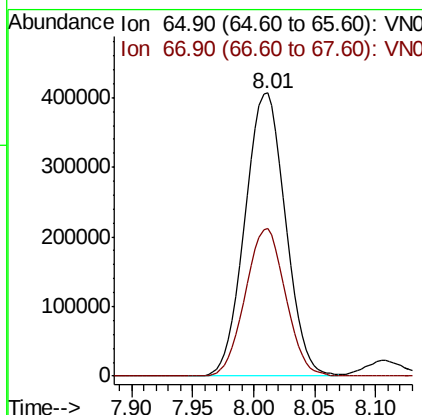
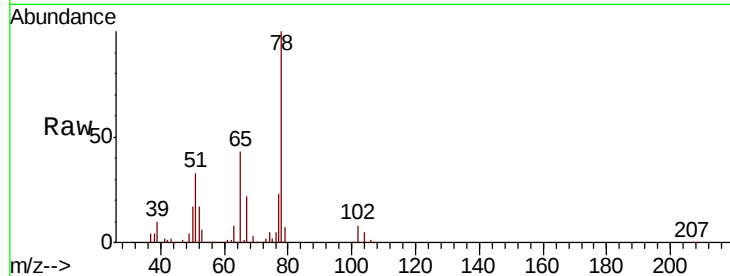




#33
 1,2-Dichloroethane-d4
 Concen: 139.637 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

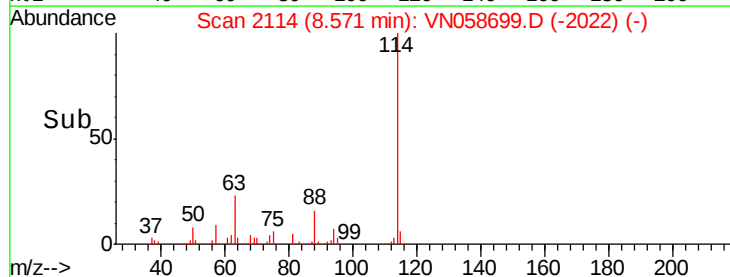
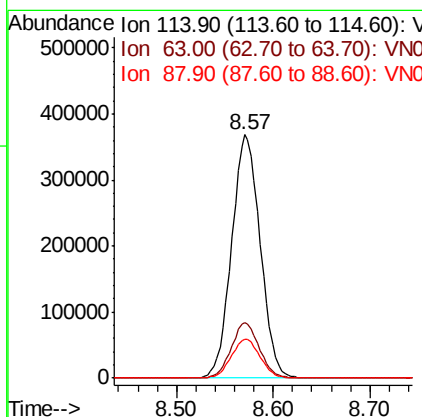
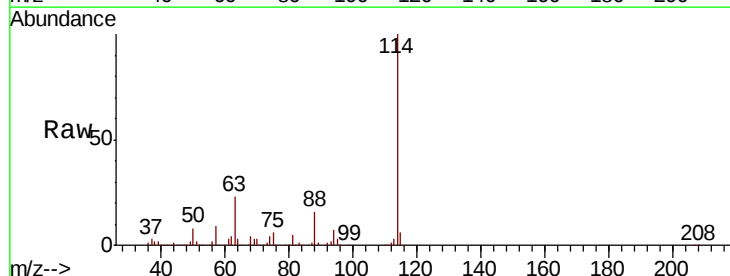
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

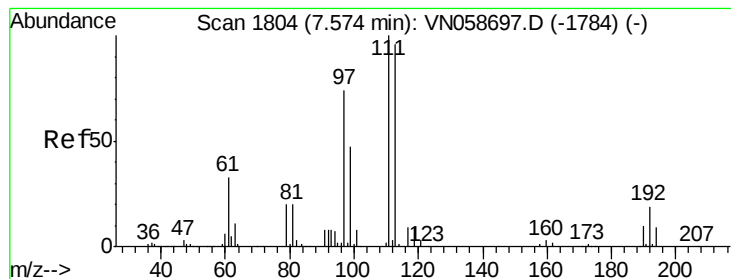
Tot Ion: 65 Resp: 935152
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

Tgt Ion: 114 Resp: 753648
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.8
 88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 149.016 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

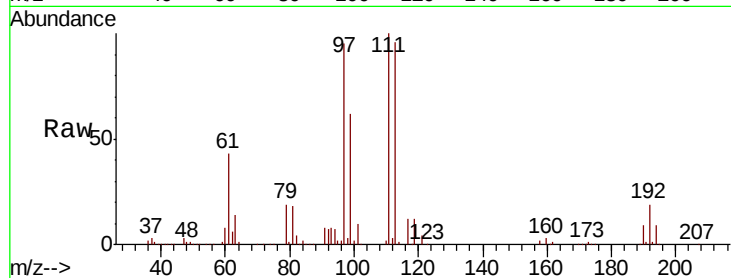
Tot Ion:113 Resp: 686922

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

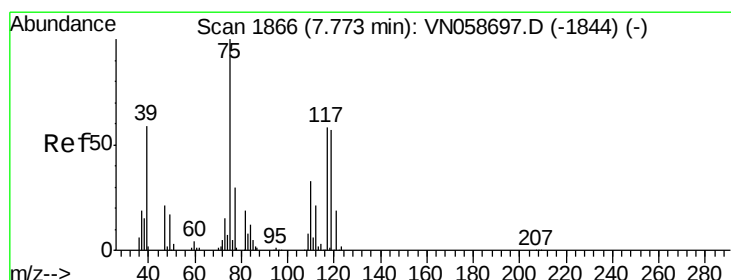
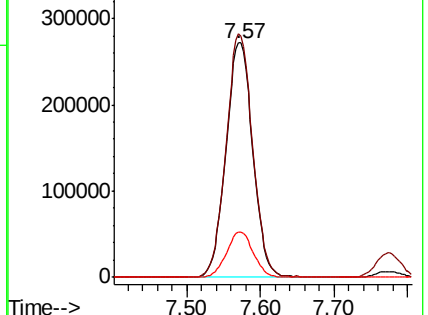
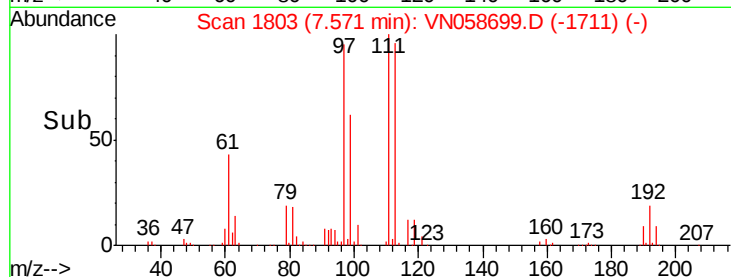
192 19.4 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 157.181 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

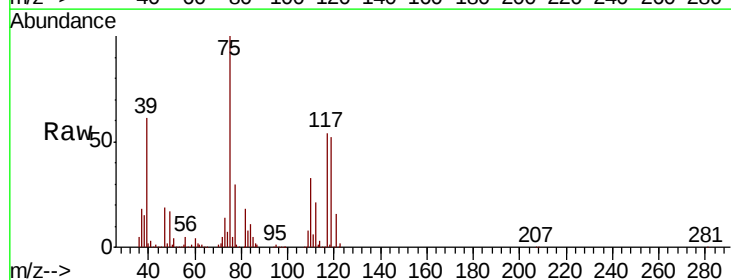
Tgt Ion: 75 Resp: 1139342

Ion Ratio Lower Upper

75 100

110 32.9 16.6 49.8

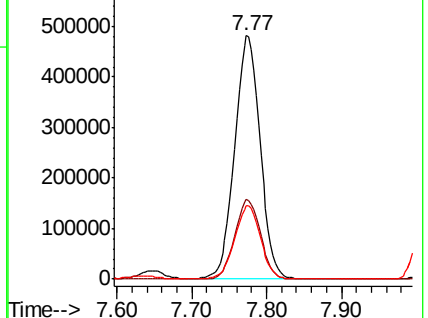
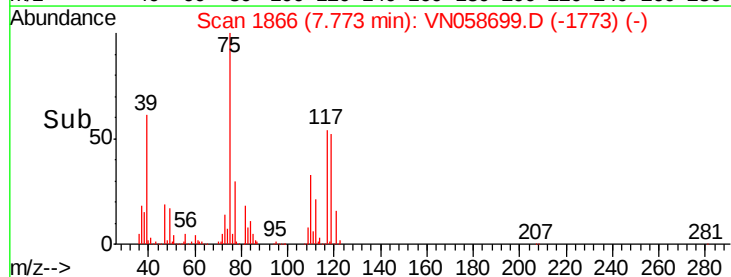
77 30.8 24.6 37.0

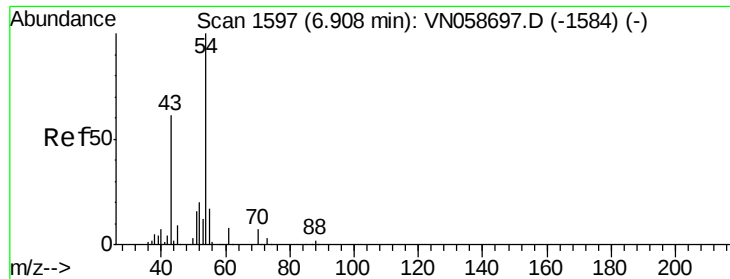


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

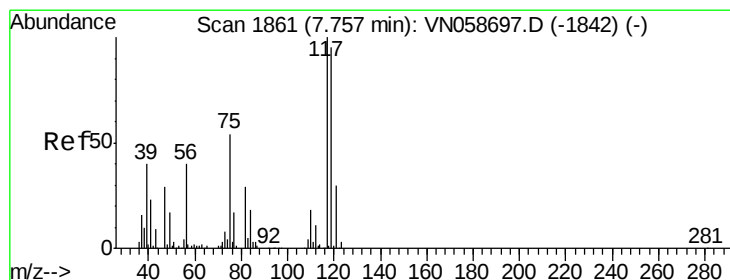
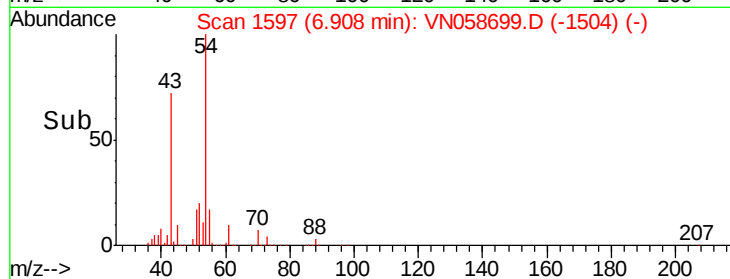
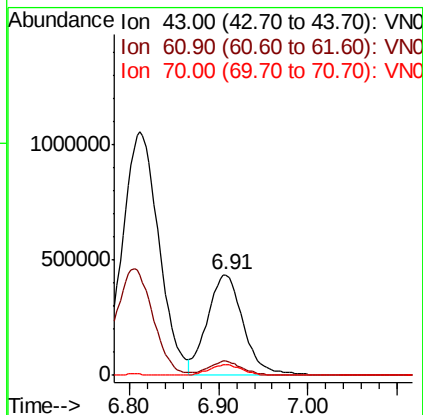
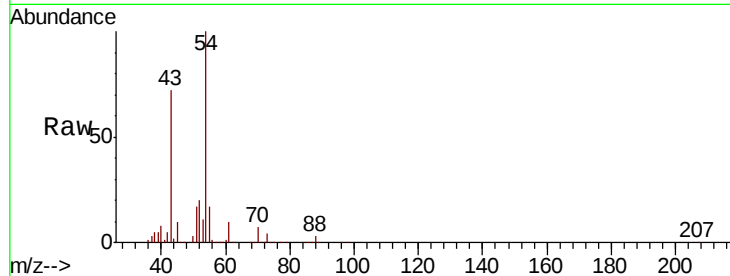




#37
Ethyl Acetate
Concen: 190.534 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

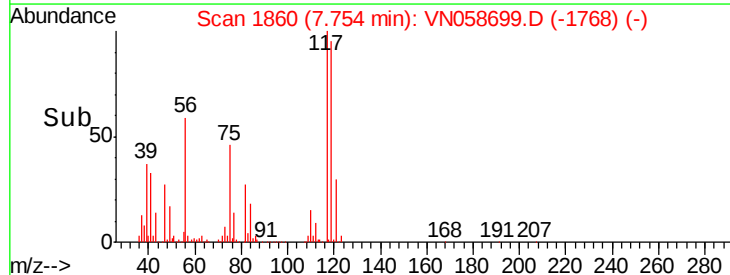
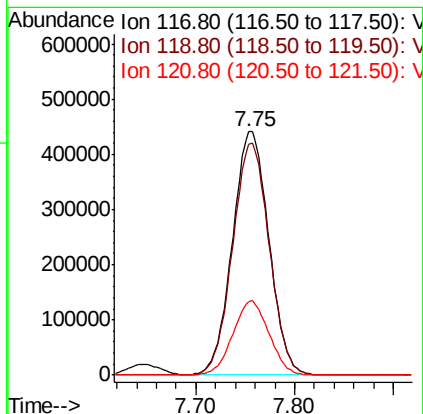
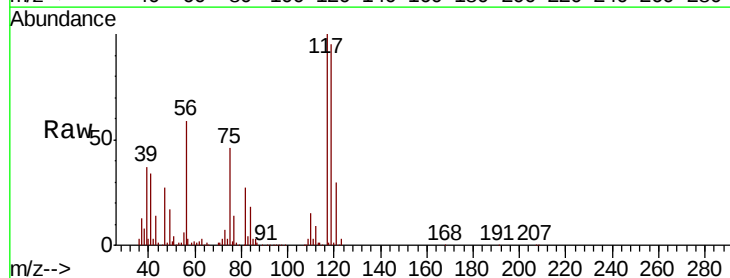
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

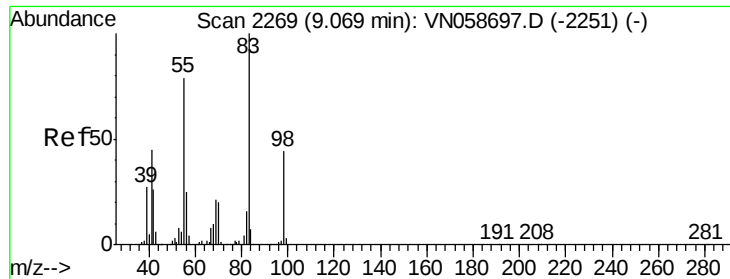
Tot Ion: 43 Resp: 1212179
Ion Ratio Lower Upper
43 100
61 13.3 11.3 16.9
70 9.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 169.902 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion: 117 Resp: 1126422
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5
121 30.3 23.9 35.9

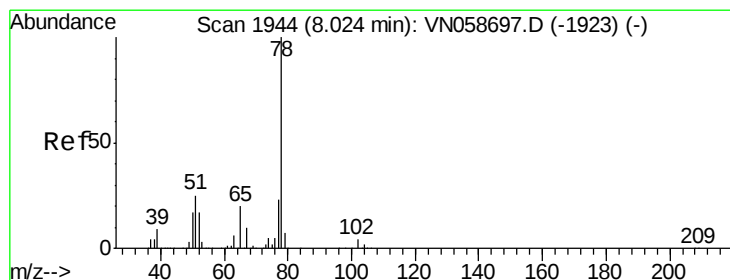
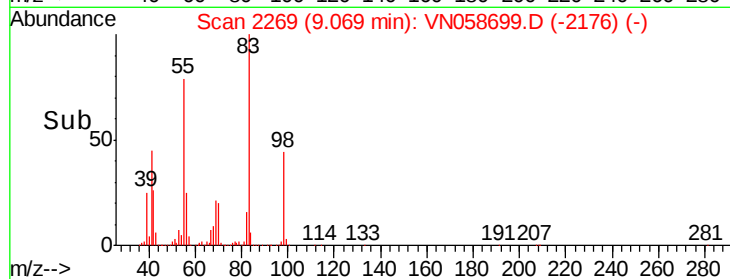
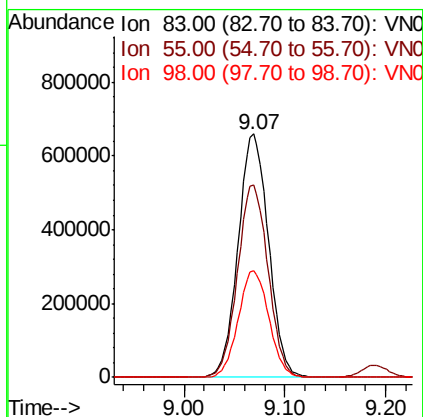
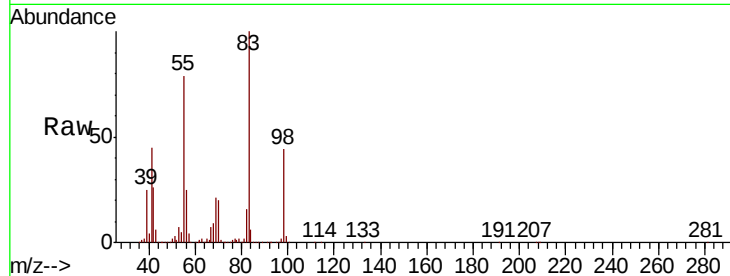




#39
Methvlcvclohexane
Concen: 161.925 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

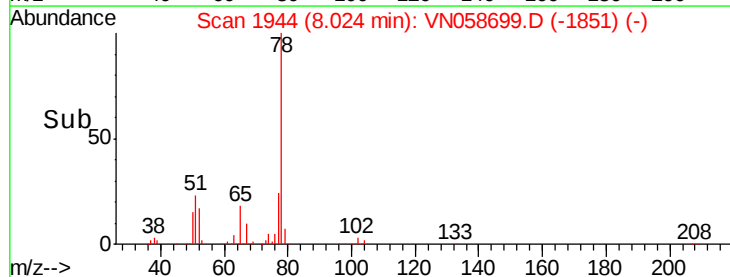
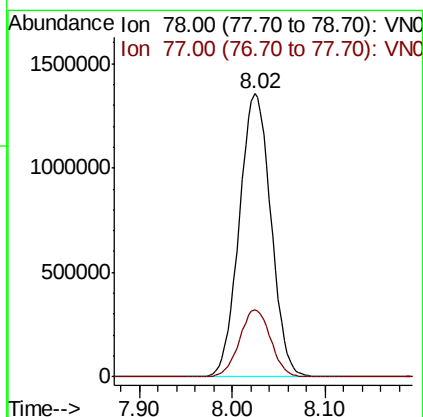
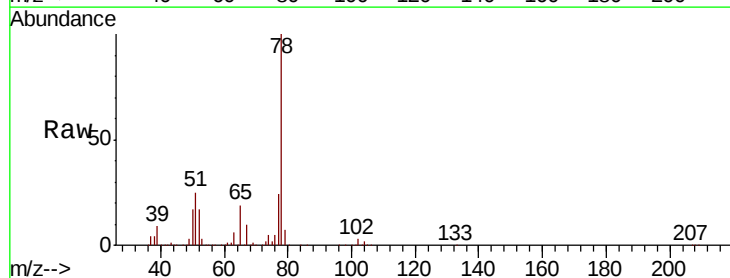
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

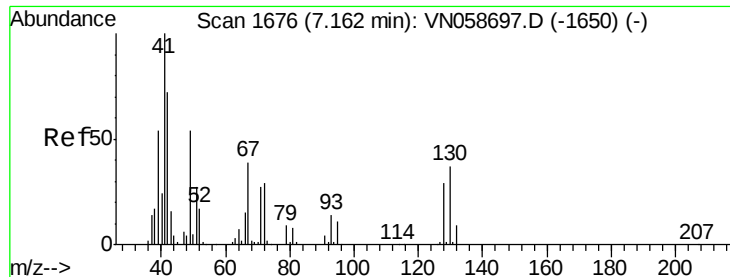
Tot Ion: 83 Resp: 1374453
Ion Ratio Lower Upper
83 100
55 79.1 63.4 95.0
98 43.9 35.1 52.7



#40
Benzene
Concen: 154.185 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion: 78 Resp: 3210751
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

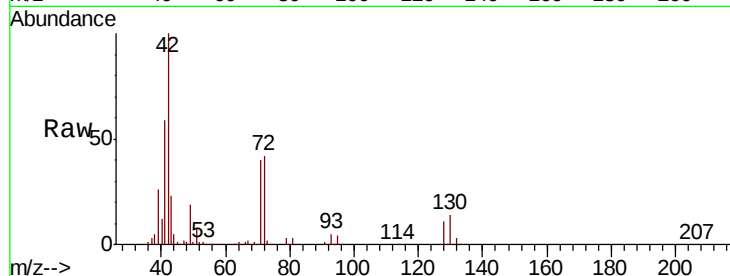




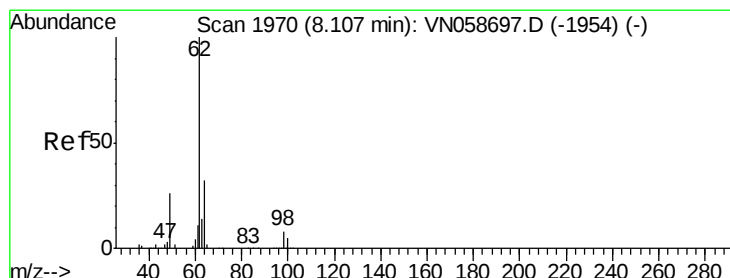
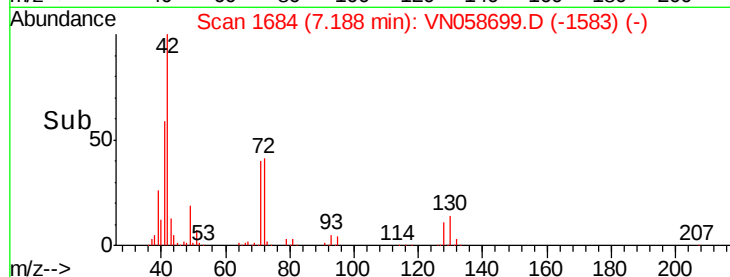
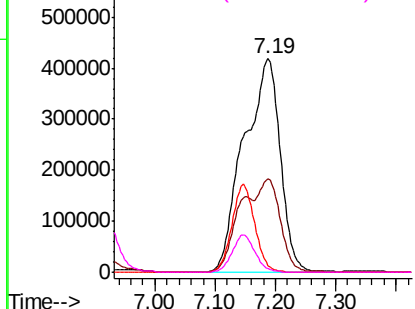
#41
Methacrylonitrile
Concen: 590.453 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 41 Resp: 1761385
Ion Ratio Lower Upper
41 100
39 0.0 115.4 173.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

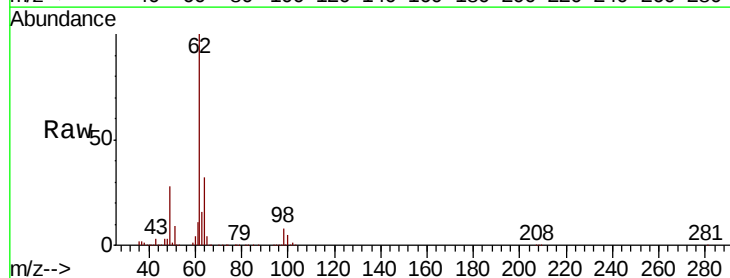


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

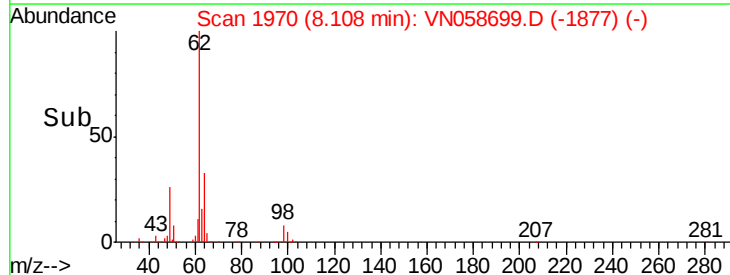
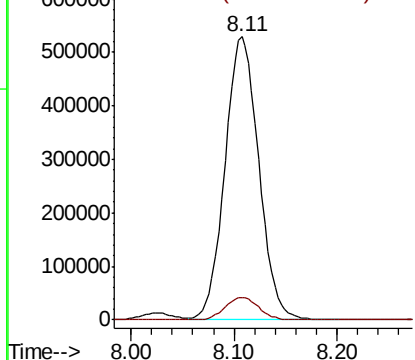


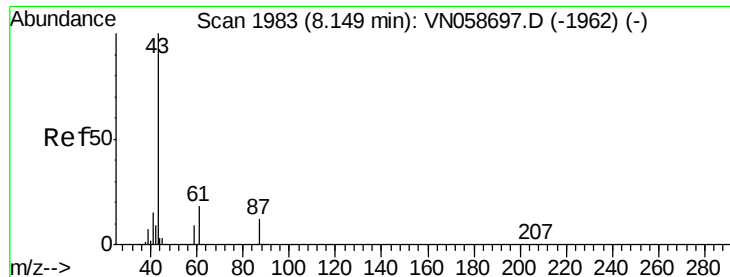
#42
1,2-Dichloroethane
Concen: 149.287 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion: 62 Resp: 1208921
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8



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



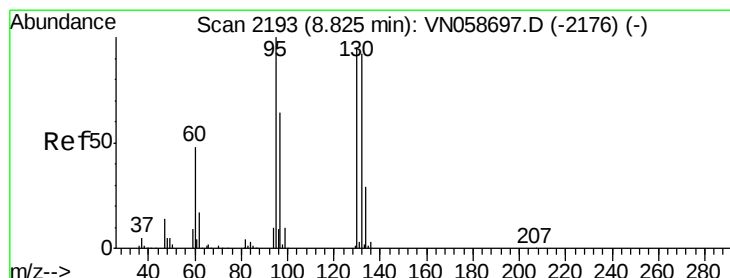
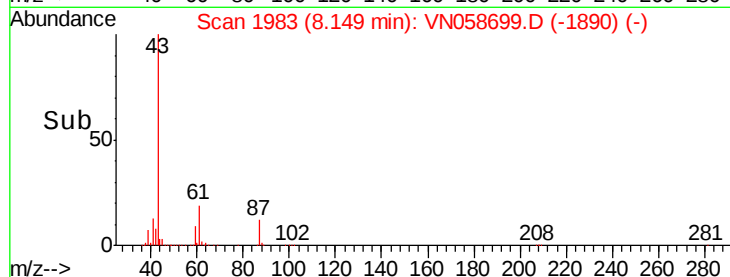
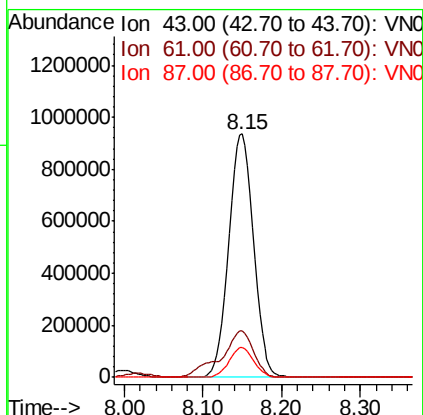
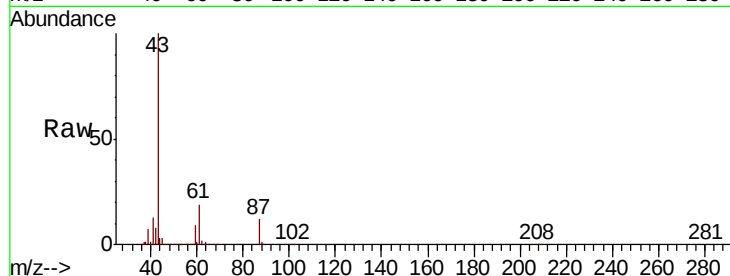


#43

Isopropyl Acetate
 Concen: 172.929 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

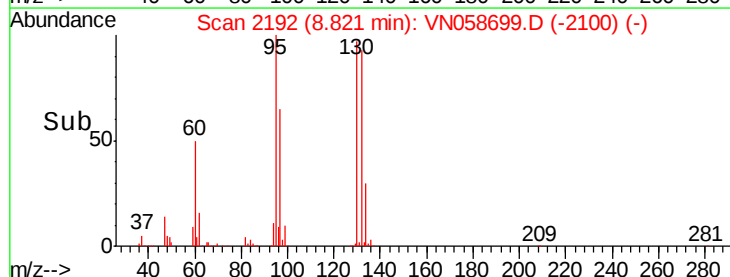
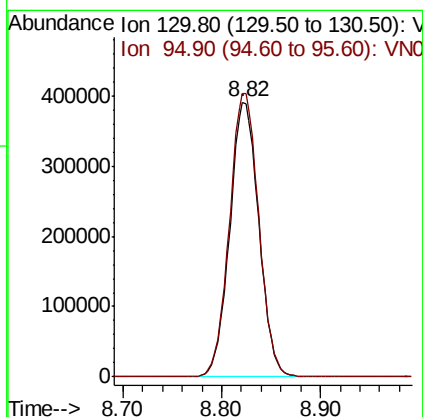
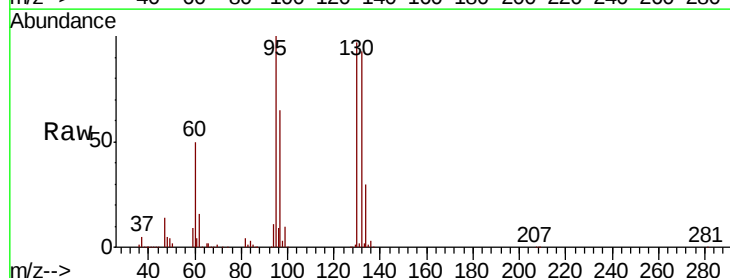
Tot Ion: 43 Resp: 2037558
 Ion Ratio Lower Upper
 43 100
 61 25.0 20.3 30.5
 87 12.1 9.8 14.6

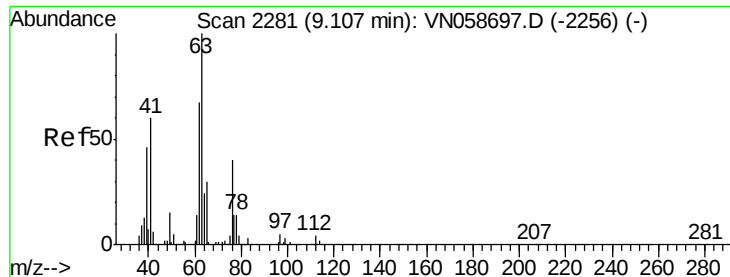


#44

Trichloroethene
 Concen: 156.351 ug/l
 RT: 8.82 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

Tgt Ion: 130 Resp: 802777
 Ion Ratio Lower Upper
 130 100
 95 103.1 0.0 211.2

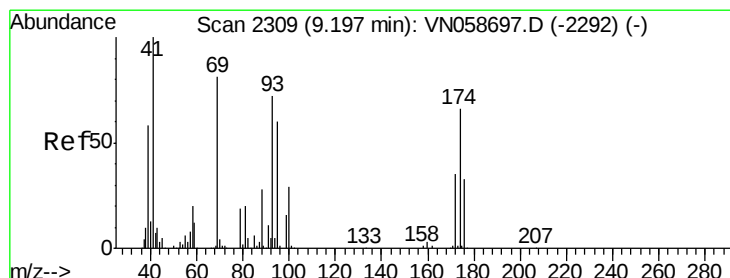
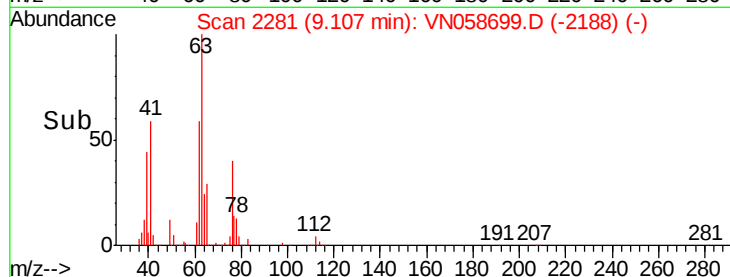
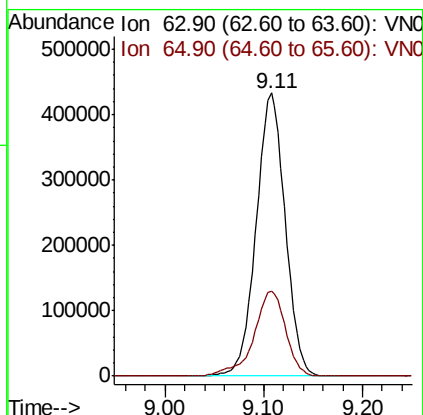
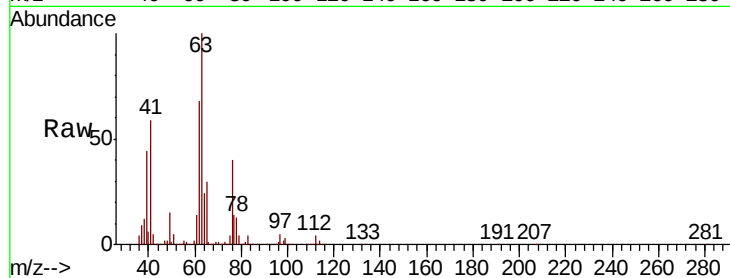




#45
 1,2-Dichloropropane
 Concen: 156.871 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

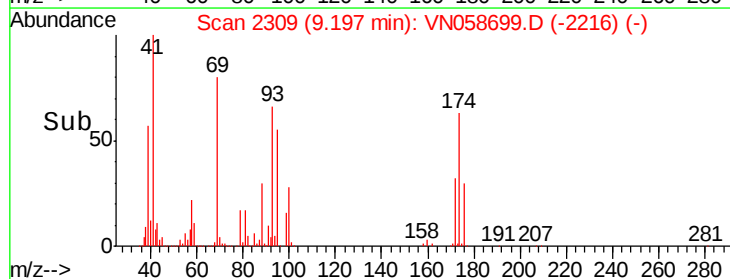
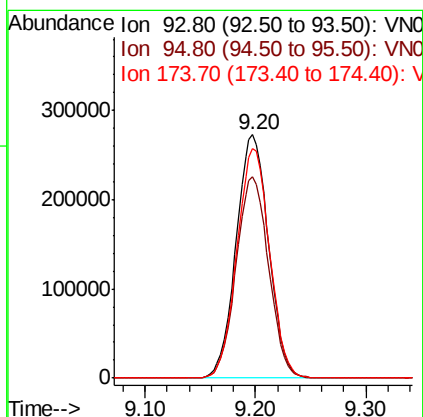
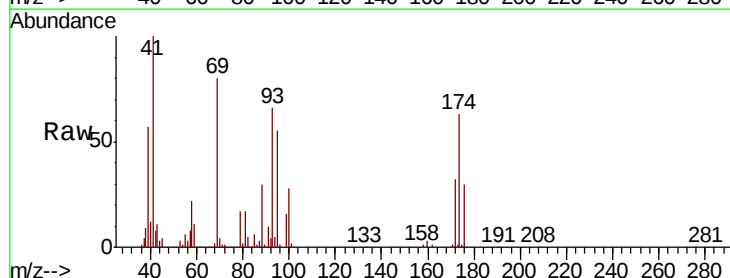
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

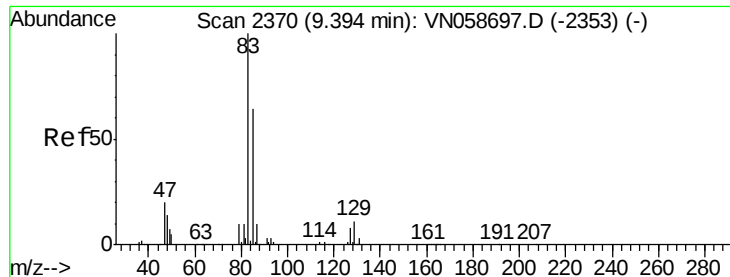
Tot Ion: 63 Resp: 876979
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.1 36.1



#46
 Dibromomethane
 Concen: 156.824 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

Tgt Ion: 93 Resp: 556428
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 100.0
 174 94.8 75.2 112.8





#47

Bromodichloromethane

Concen: 171.352 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

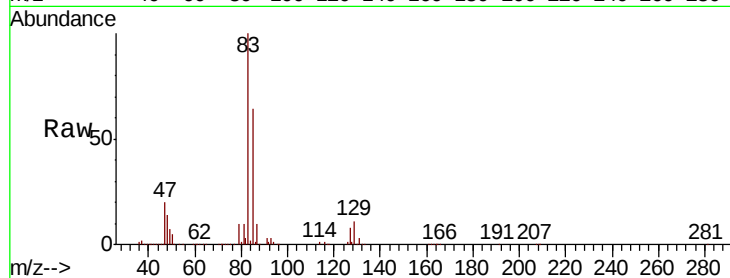
Tot Ion: 83 Resp: 1161048

Ion Ratio Lower Upper

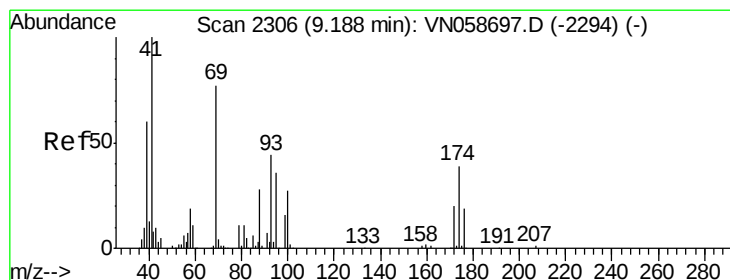
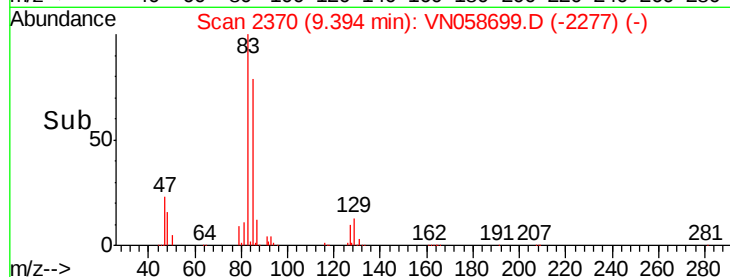
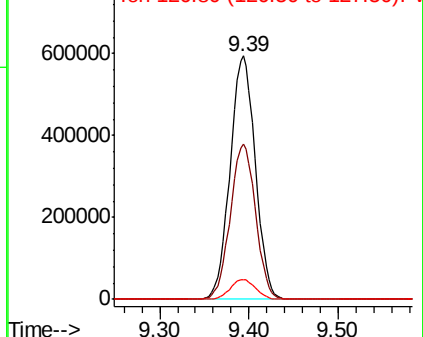
83 100

85 63.9 50.9 76.3

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: 180.022 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

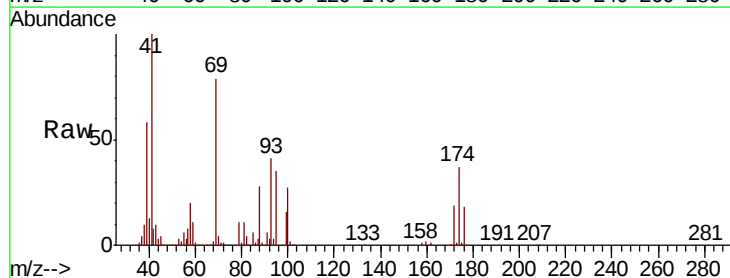
Tgt Ion: 41 Resp: 963759

Ion Ratio Lower Upper

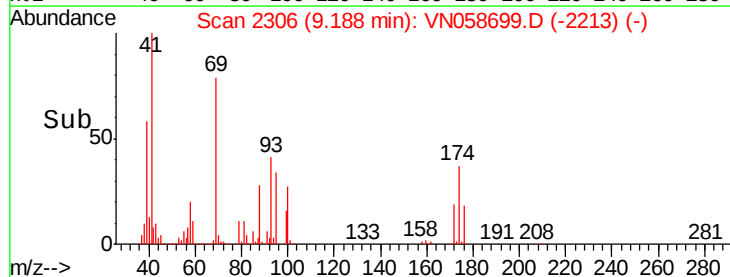
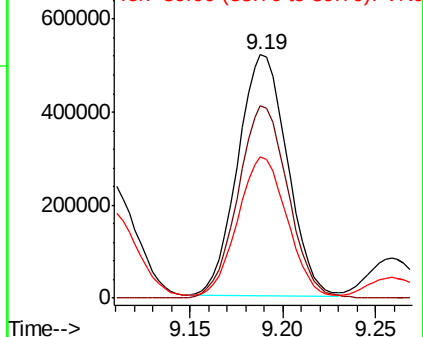
41 100

69 80.3 63.4 95.2

39 58.9 48.9 73.3



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

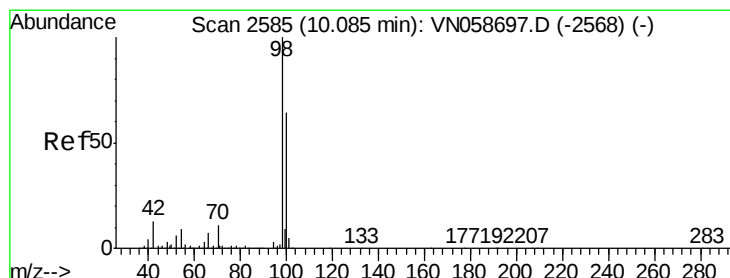
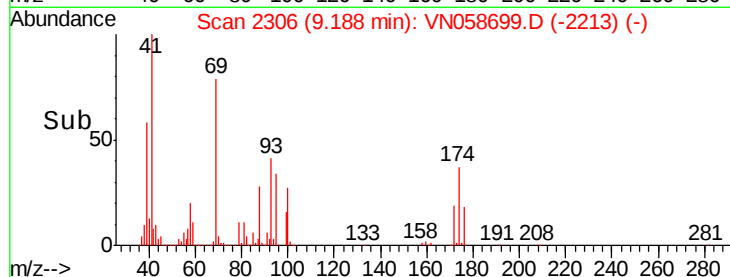
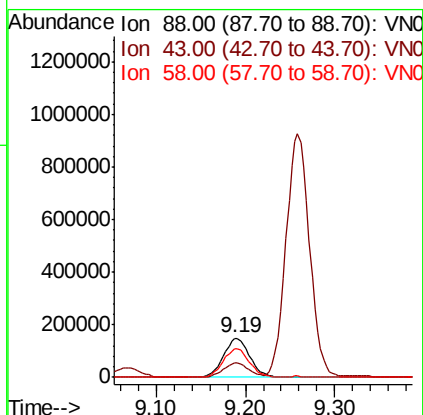
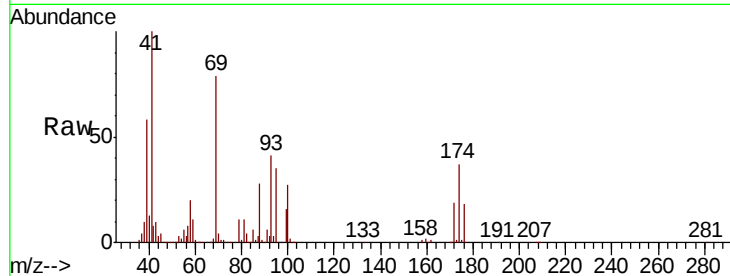




#49
1,4-Dioxane
Concen: 4189.244 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

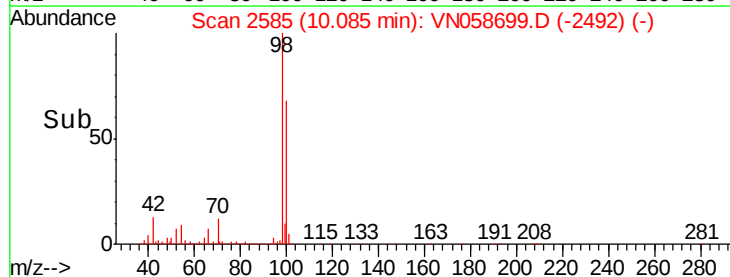
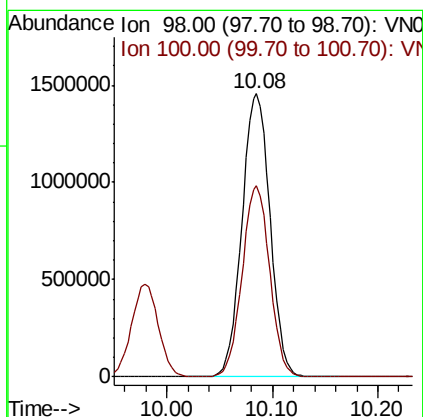
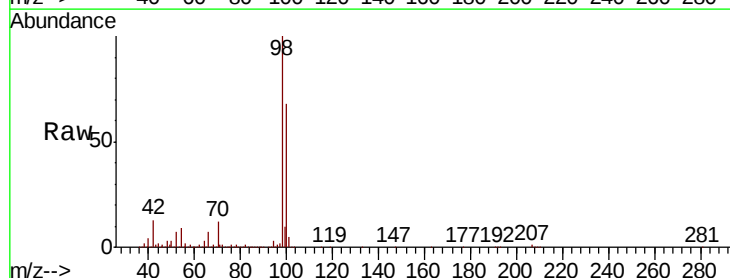
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

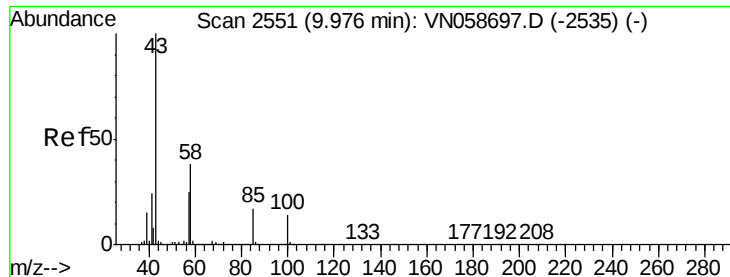
Tot Ion: 88 Resp: 305084
Ion Ratio Lower Upper
88 100
43 35.0 28.6 43.0
58 72.5 57.2 85.8



#50
Toluene-d8
Concen: 148.817 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion: 98 Resp: 2695534
Ion Ratio Lower Upper
98 100
100 66.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 818.960 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

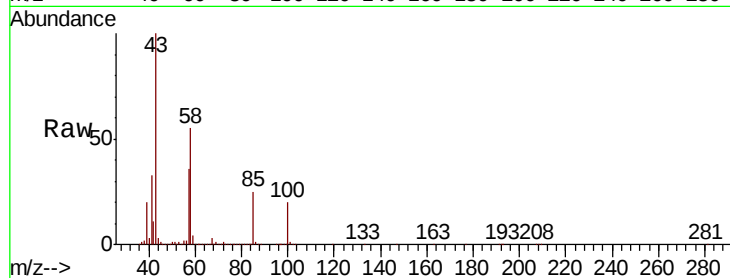
VSTDIC150

Tot Ion: 43 Resp: 5053742

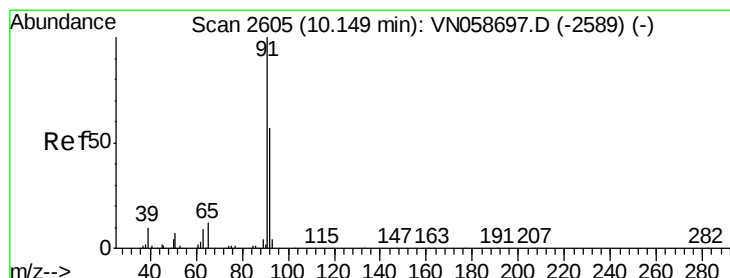
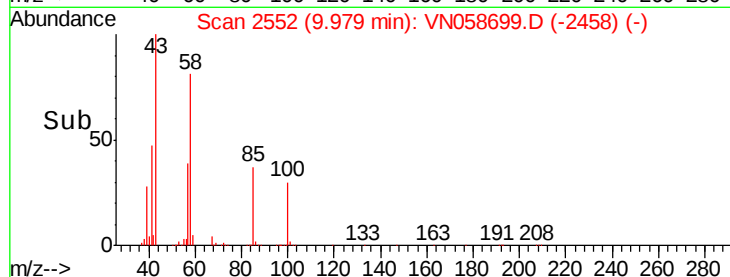
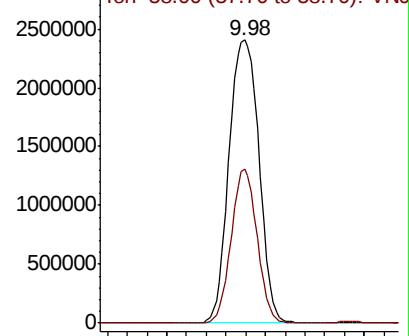
Ion Ratio Lower Upper

43 100

58 47.0 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN058699.D (-2535) (-)



#52

Toluene

Concen: 155.869 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058699.D

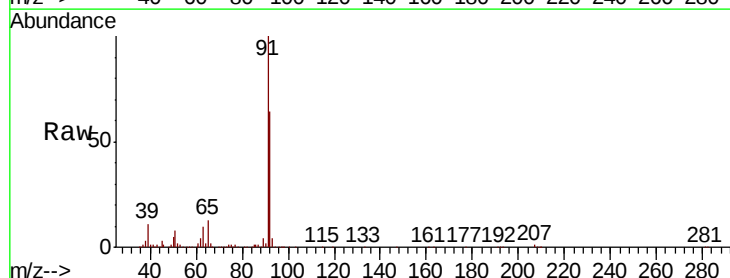
Acq: 11 Oct 2019 13:20

Tgt Ion: 92 Resp: 2046752

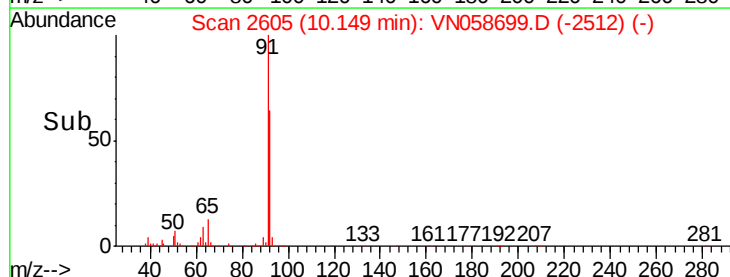
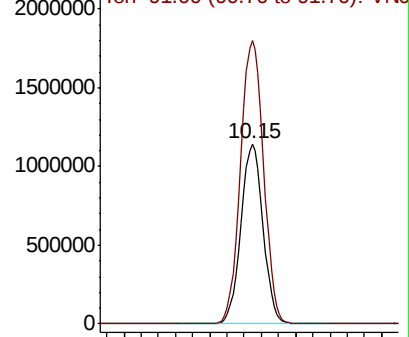
Ion Ratio Lower Upper

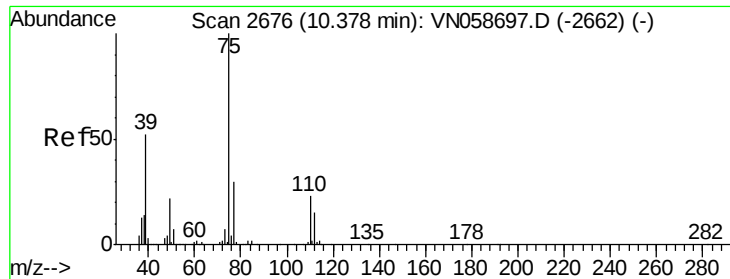
92 100

91 165.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN058699.D (-2589) (-)





#53

t-1,3-Dichloropropene

Concen: 187.807 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

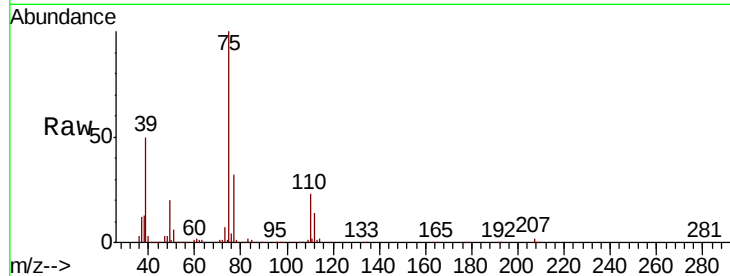
VSTDIC150

Tot Ion: 75 Resp: 1389212

Ion Ratio Lower Upper

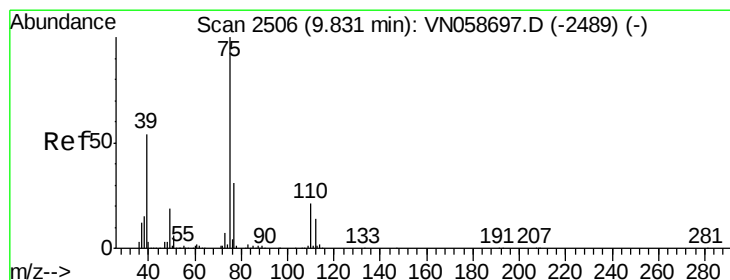
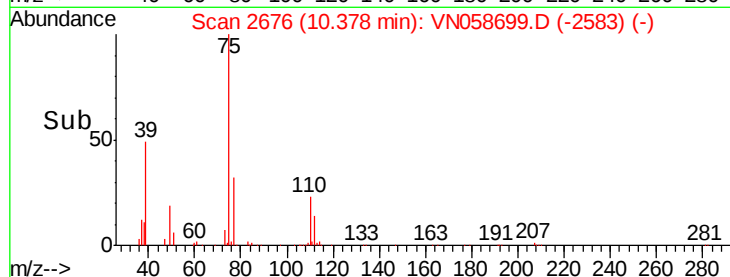
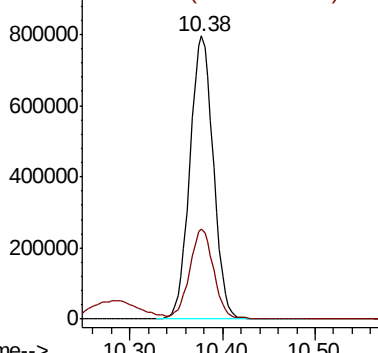
75 100

77 31.7 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 177.765 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

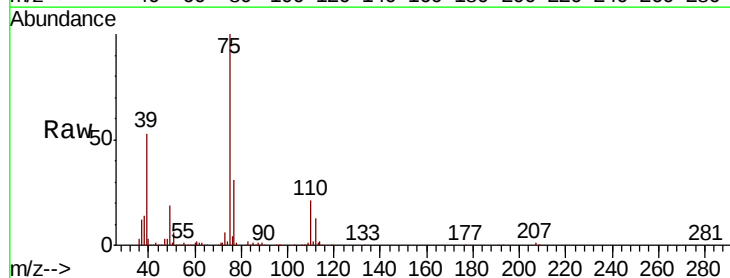
Tgt Ion: 75 Resp: 1450895

Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6

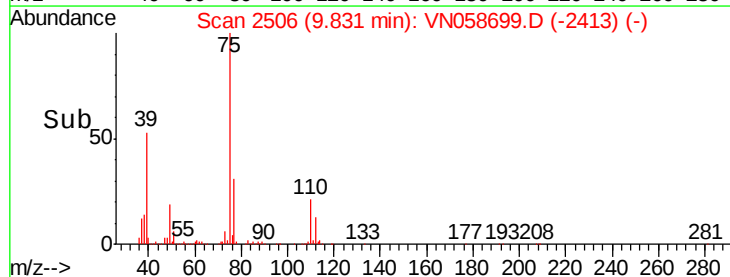
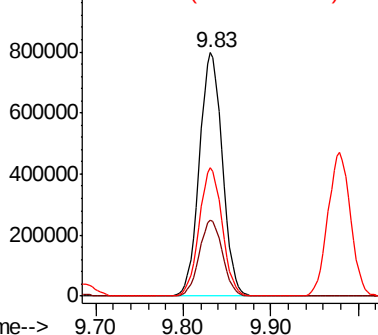
39 52.5 43.1 64.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 164.694 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 790039

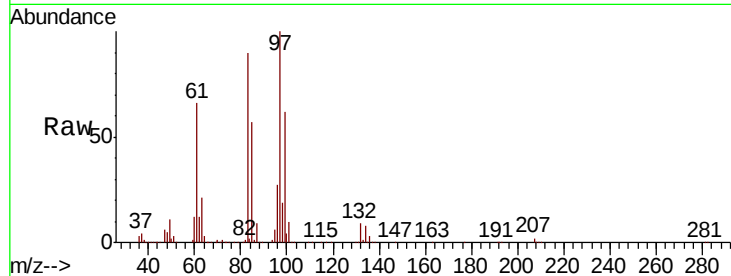
Ion Ratio Lower Upper

97 100

83 89.7 71.2 106.8

85 57.3 46.7 70.1

99 62.3 49.0 73.6

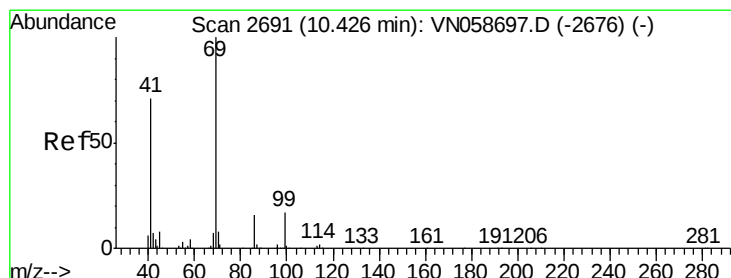
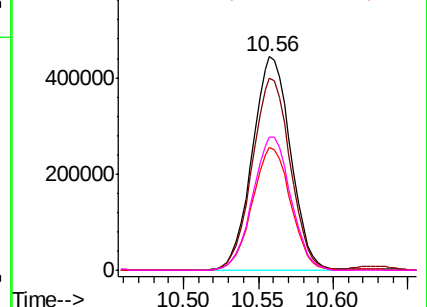
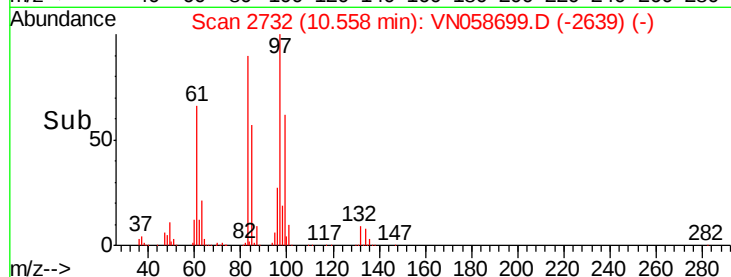


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 187.944 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

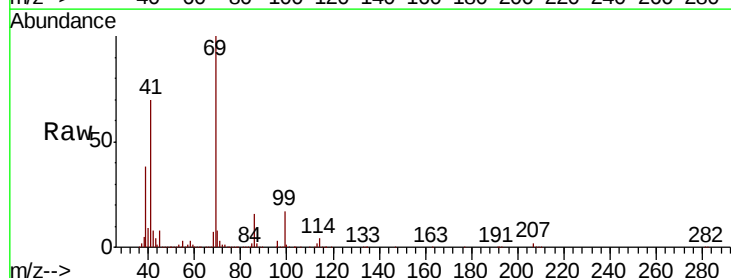
Tgt Ion: 69 Resp: 1377782

Ion Ratio Lower Upper

69 100

41 70.0 56.8 85.2

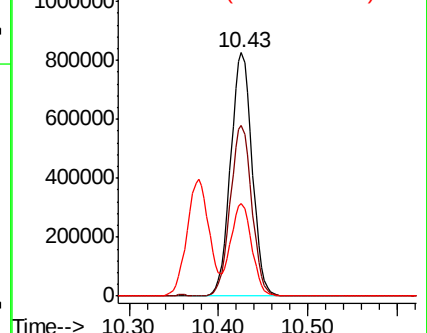
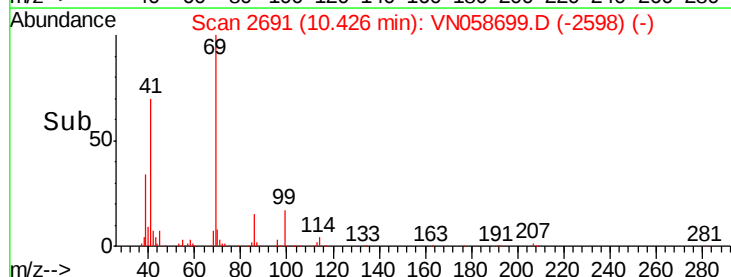
39 37.5 32.5 48.7

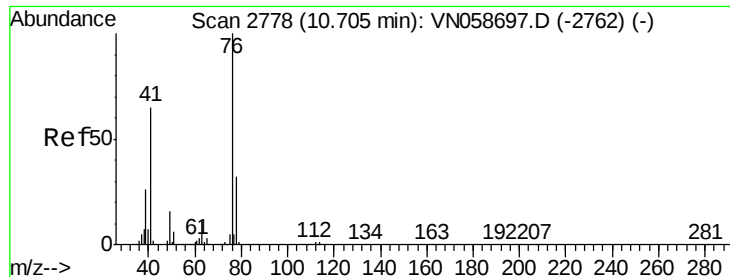


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 163.890 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

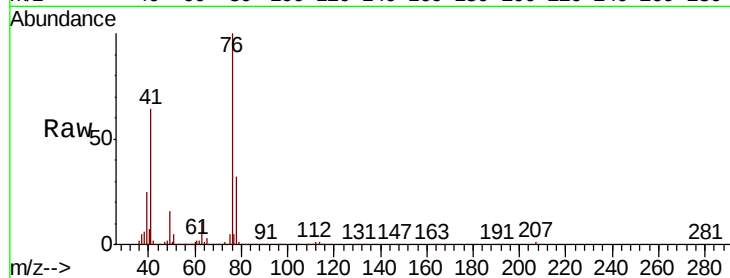
VSTDIC150

Tot Ion: 76 Resp: 1403162

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

800000

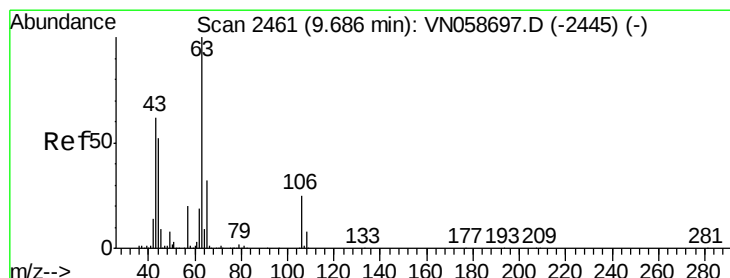
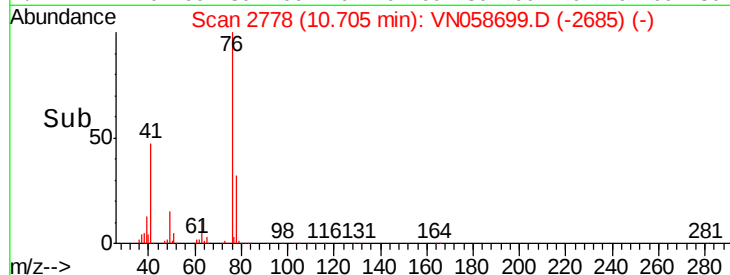
600000

400000

200000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 1022.306 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN058699.D

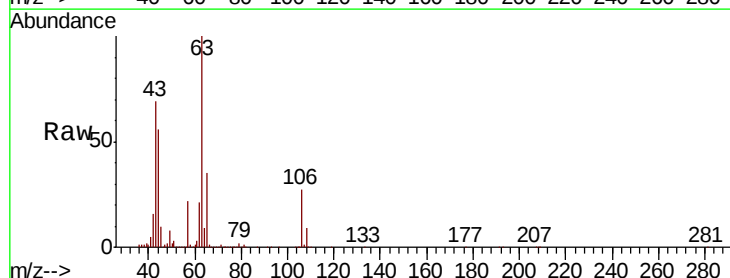
Acq: 11 Oct 2019 13:20

Tgt Ion: 63 Resp: 3101169

Ion Ratio Lower Upper

63 100

106 26.1 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

2000000

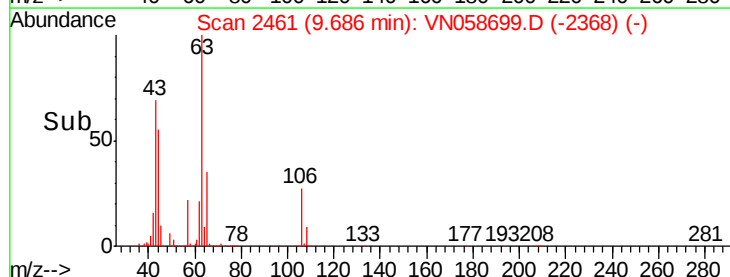
1500000

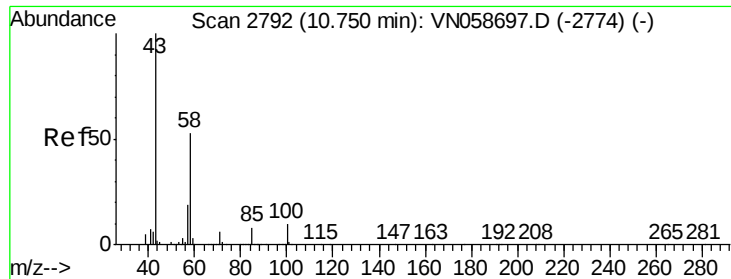
1000000

500000

0

Time-->

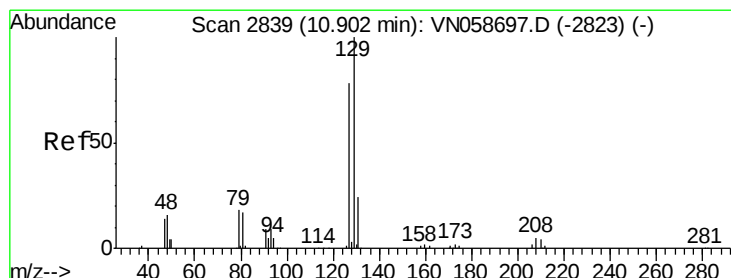
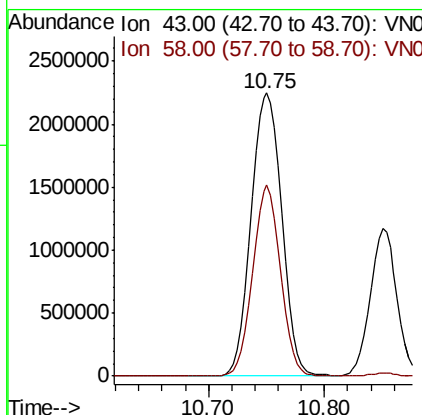
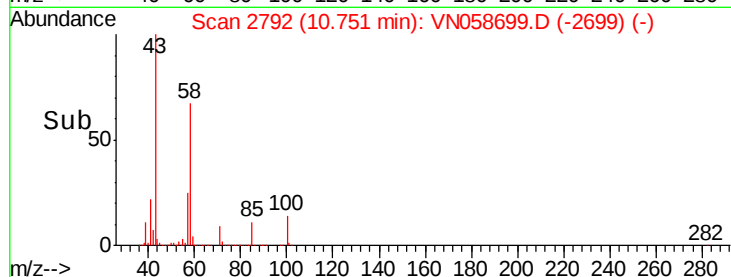
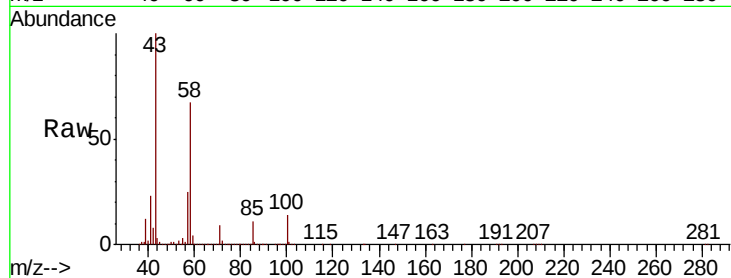




#59
2-Hexanone
Concen: 915.805 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

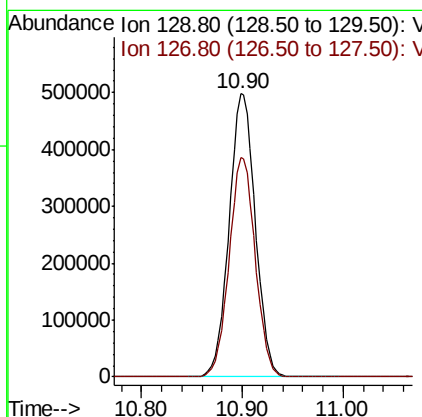
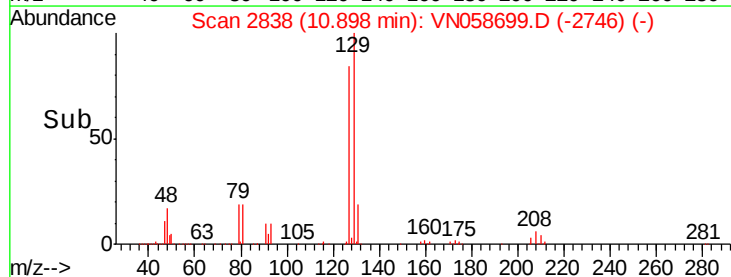
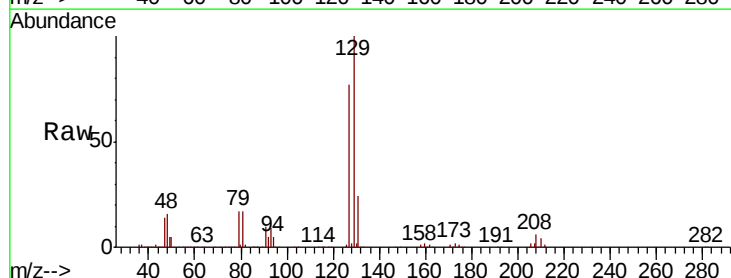
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 4161264
Ion Ratio Lower Upper
43 100
58 61.1 26.1 78.3



#60
Dibromochloromethane
Concen: 194.294 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion: 129 Resp: 900064
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3

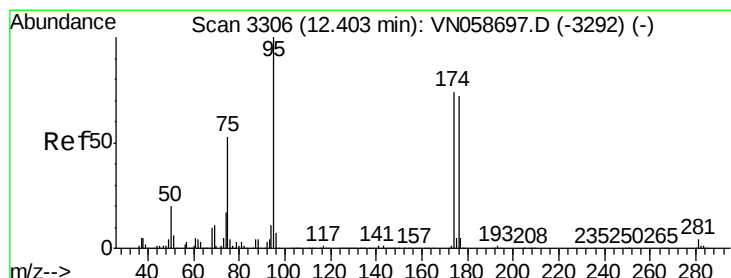
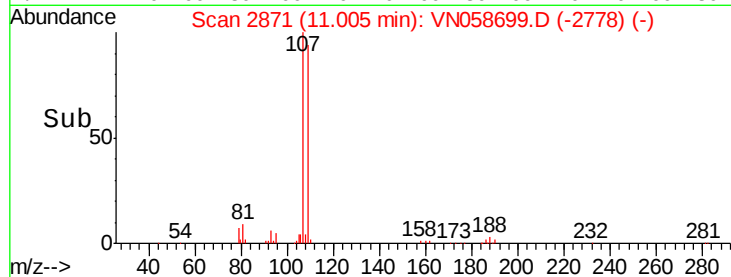
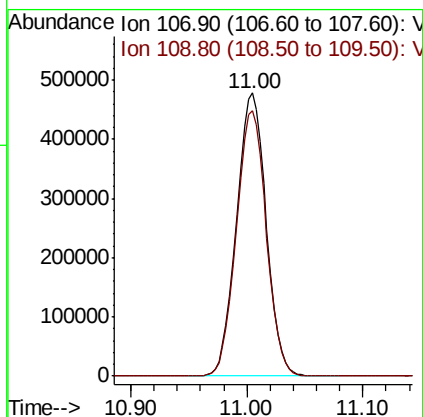
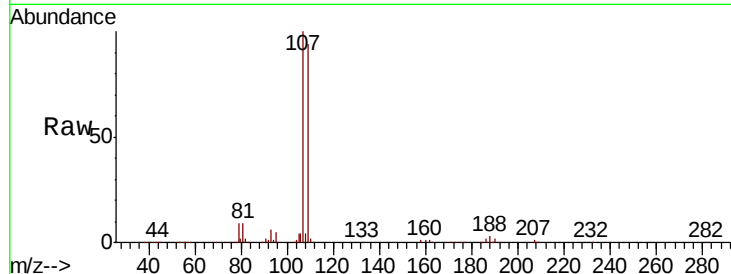




#61
 1,2-Dibromoethane
 Concen: 171.848 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

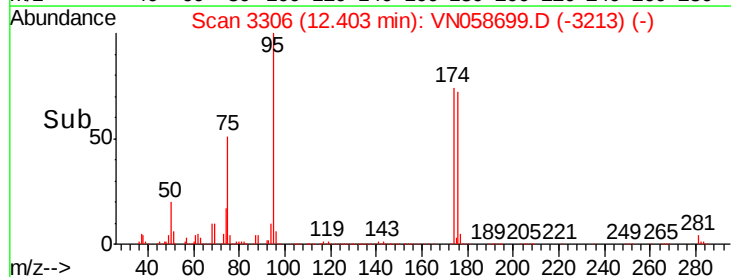
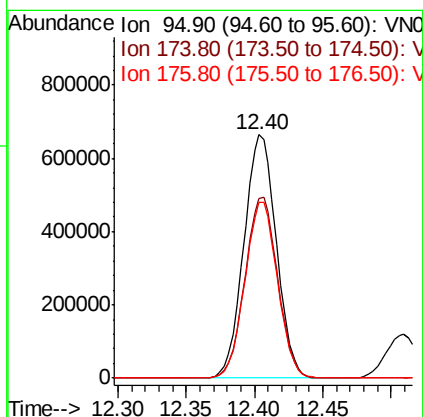
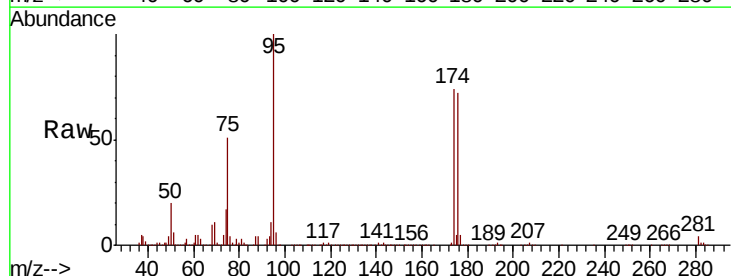
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:107 Resp: 845754
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 165.208 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

Tgt Ion: 95 Resp: 1093648
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 150.4
 176 72.8 0.0 146.8

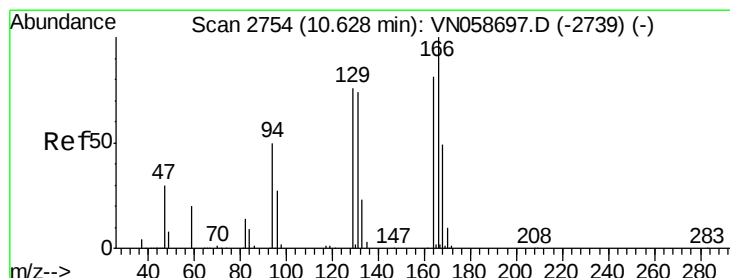
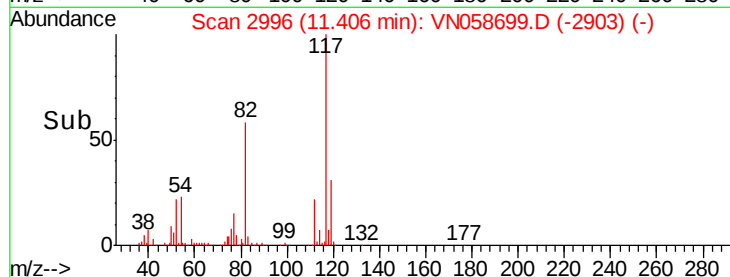
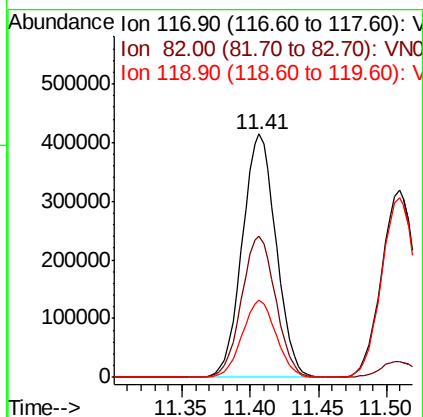
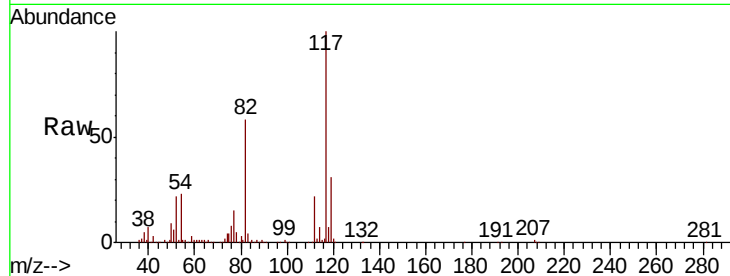




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

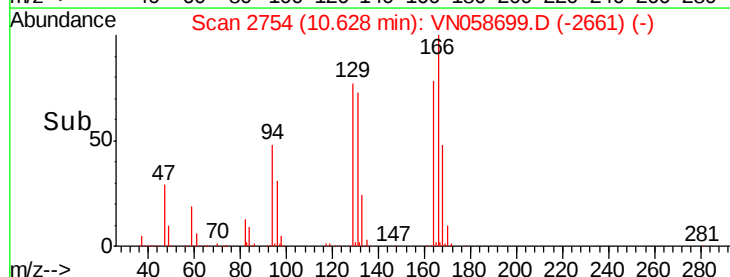
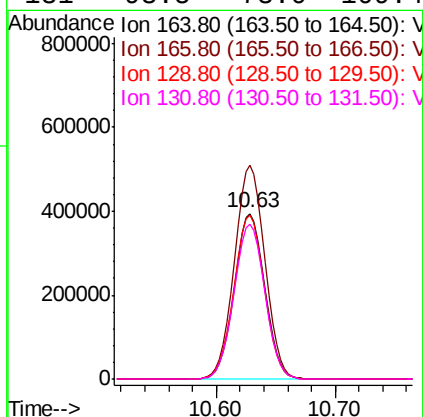
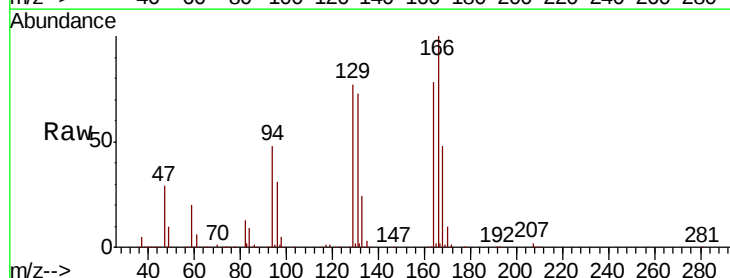
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

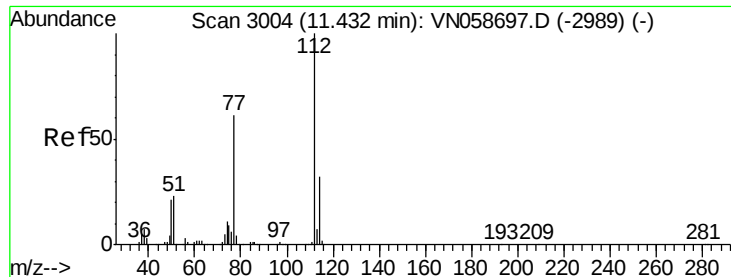
Tot Ion:117 Resp: 713129
Ion Ratio Lower Upper
117 100
82 58.0 47.0 70.4
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 152.379 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion:164 Resp: 698993
Ion Ratio Lower Upper
164 100
166 128.9 99.3 148.9
129 99.0 75.2 112.8
131 93.5 73.0 109.4

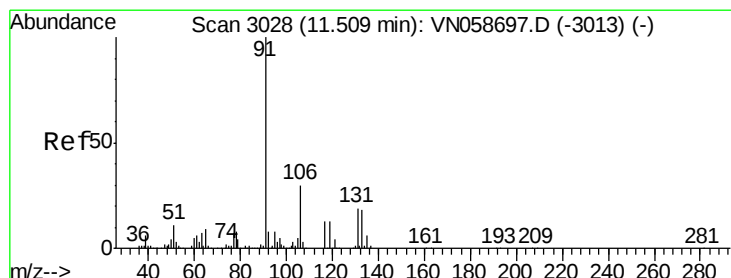
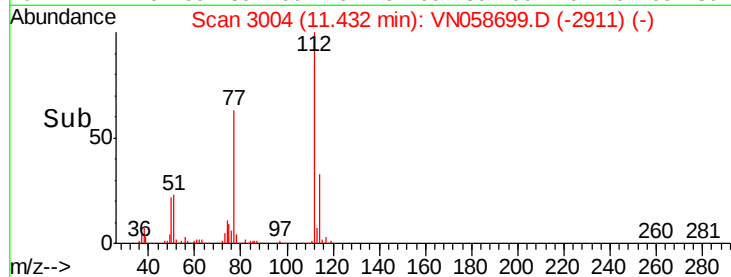
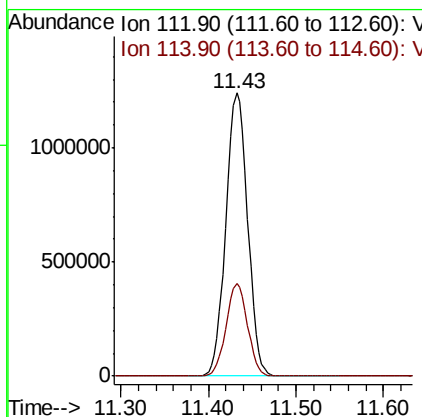
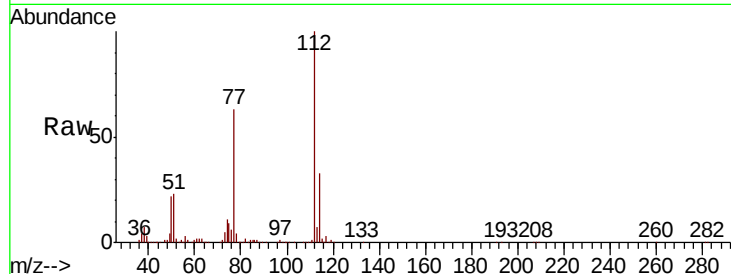




#65
Chlorobenzene
Concen: 151.113 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

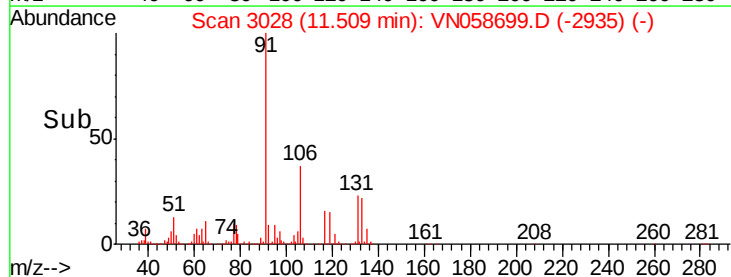
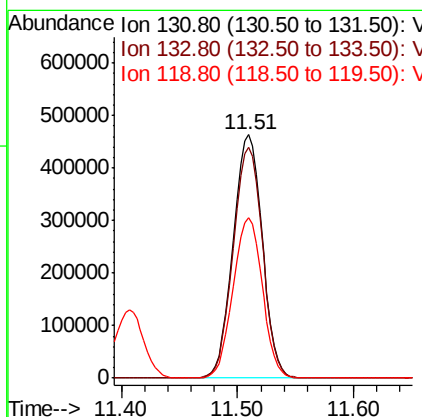
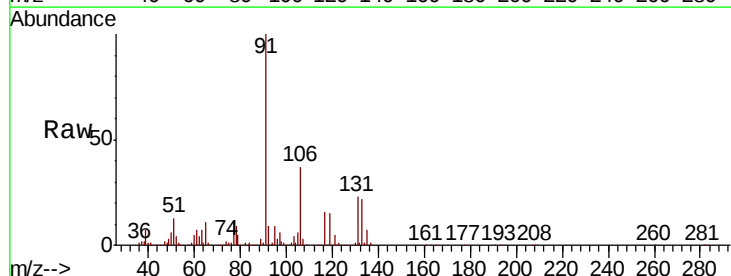
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

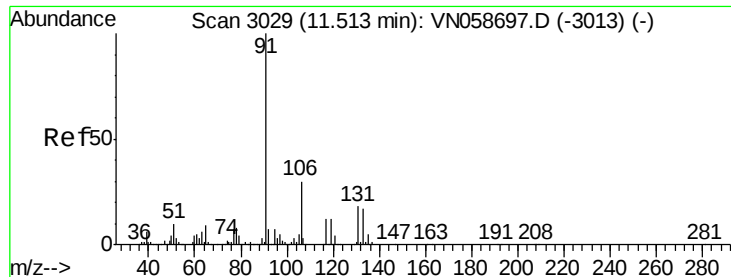
Tot Ion:112 Resp: 2143902
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 166.436 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion:131 Resp: 803818
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 66.3 33.0 98.9

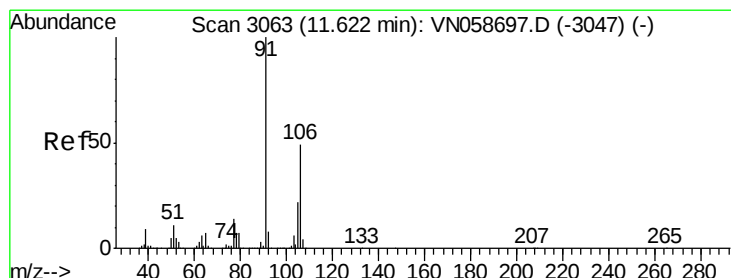
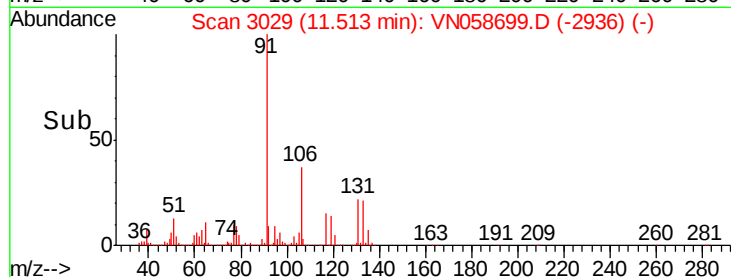
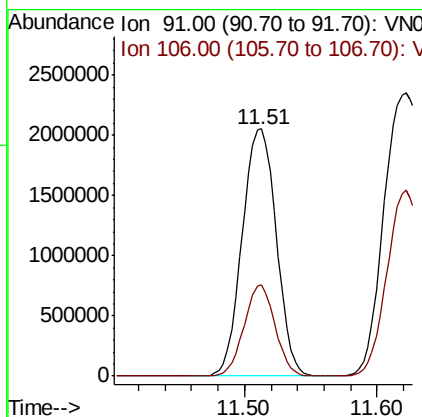
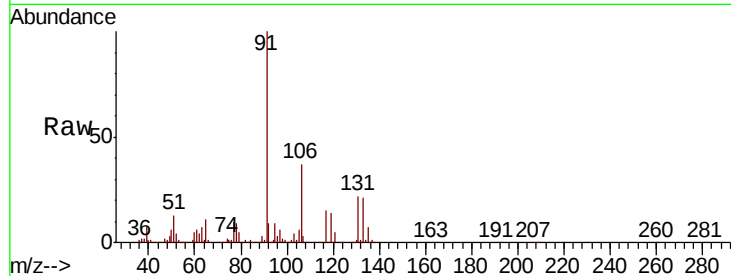




#67
Ethyl Benzene
Concen: 142.456 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

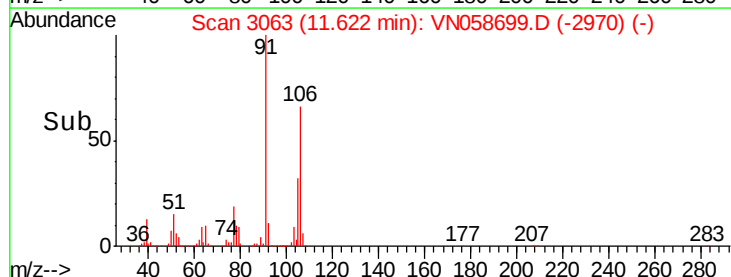
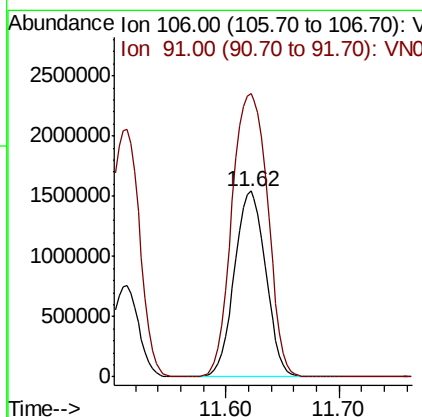
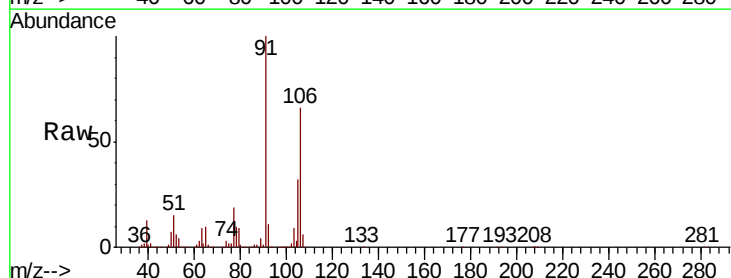
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

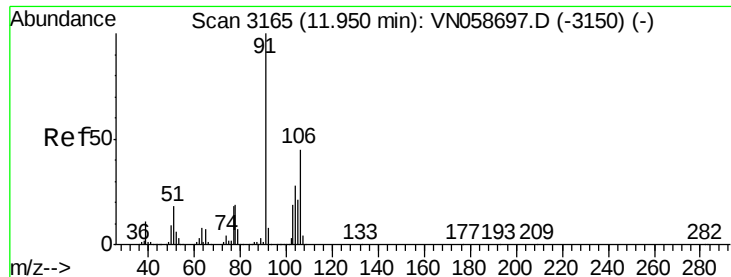
Tot Ion: 91 Resp: 3666516
Ion Ratio Lower Upper
91 100
106 36.9 24.1 36.1#



#68
m/p-Xylenes
Concen: 306.667 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion: 106 Resp: 2969927
Ion Ratio Lower Upper
106 100
91 174.0 165.7 248.5





#69

o-Xylene

Concen: 156.929 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

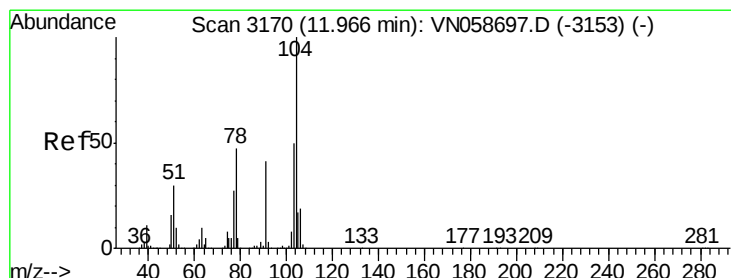
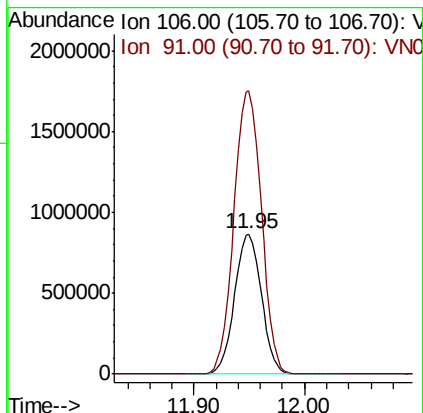
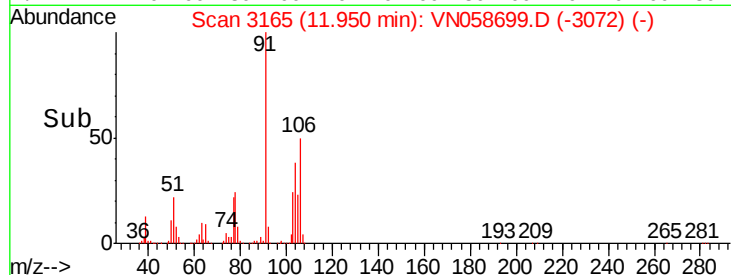
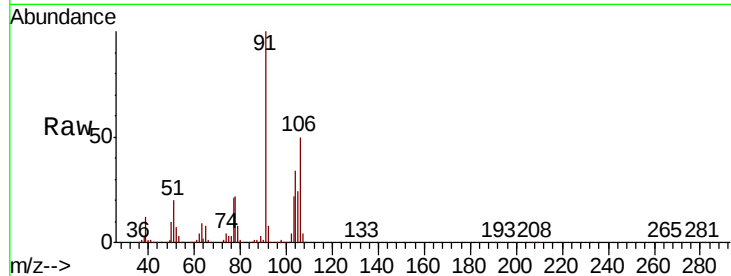
VSTDIC150

Tot Ion:106 Resp: 1458859

Ion Ratio Lower Upper

106 100

91 208.0 110.9 332.9



#70

Styrene

Concen: 163.794 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

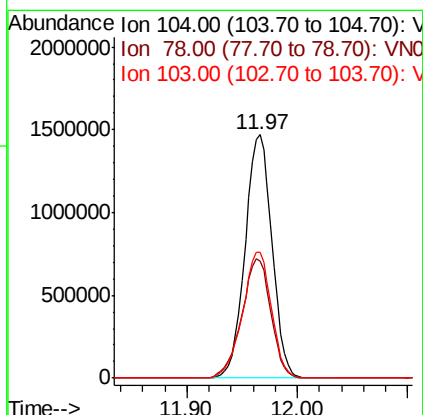
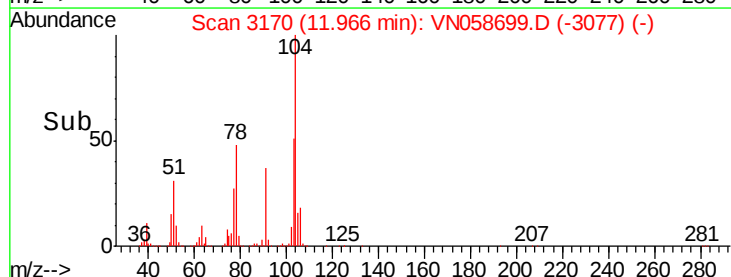
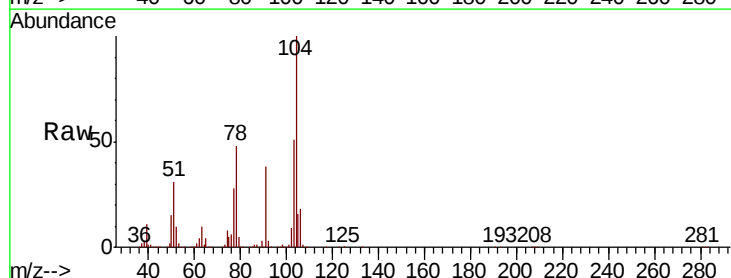
Tgt Ion:104 Resp: 2473868

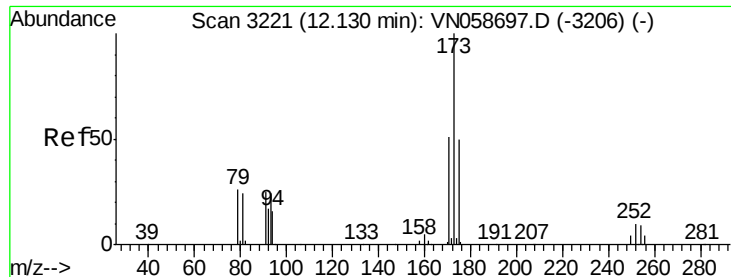
Ion Ratio Lower Upper

104 100

78 53.3 42.2 63.2

103 55.5 43.7 65.5





#71

Bromoform

Concen: 215.386 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

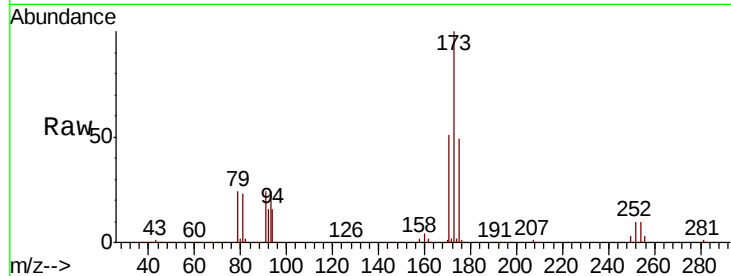
Tot Ion:173 Resp: 665299

Ion Ratio Lower Upper

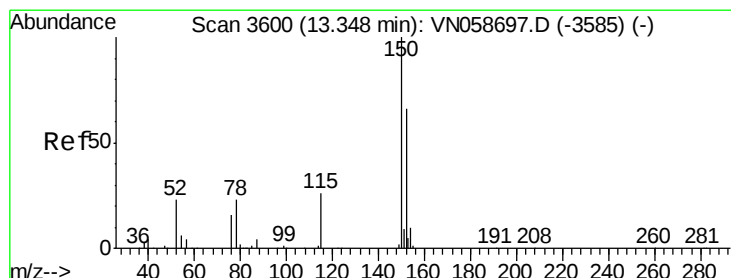
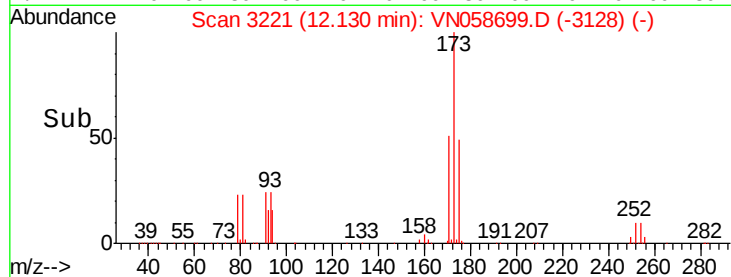
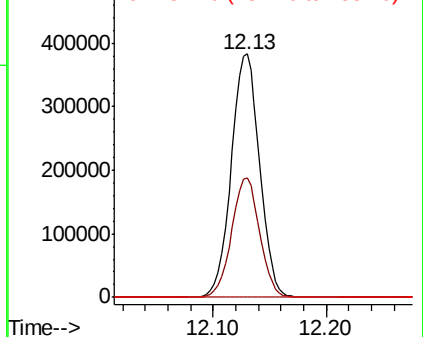
173 100

175 48.6 24.6 73.8

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: VN058699.D

Acq: 11 Oct 2019 13:20

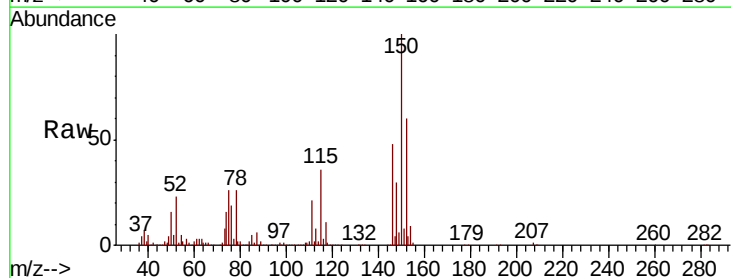
Tgt Ion:152 Resp: 372198

Ion Ratio Lower Upper

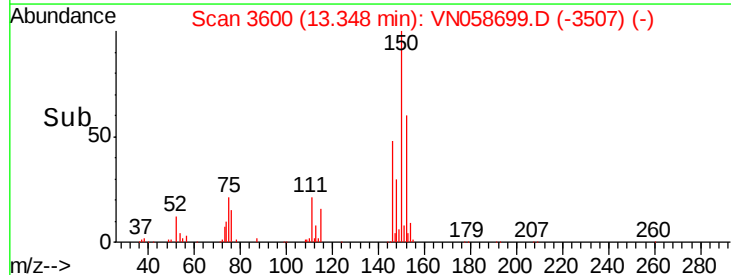
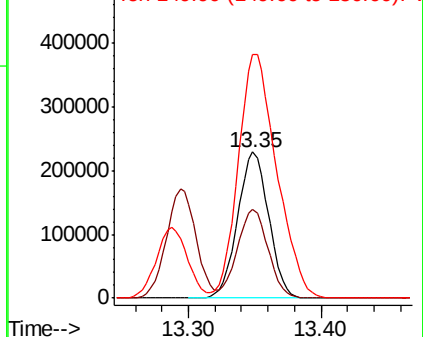
152 100

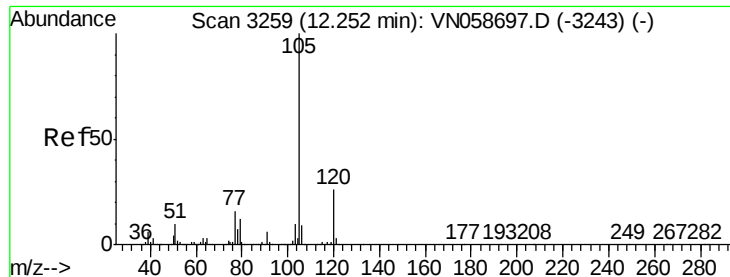
115 59.5 30.4 91.2

150 206.6 0.0 345.4



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: 132.124 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

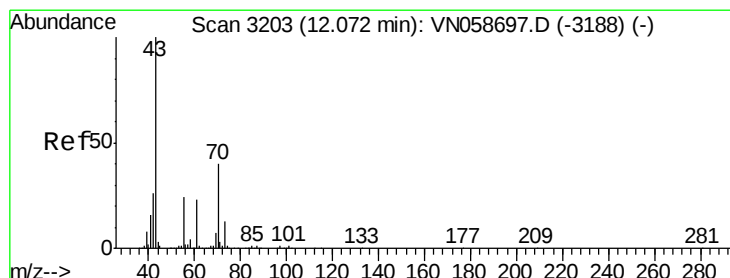
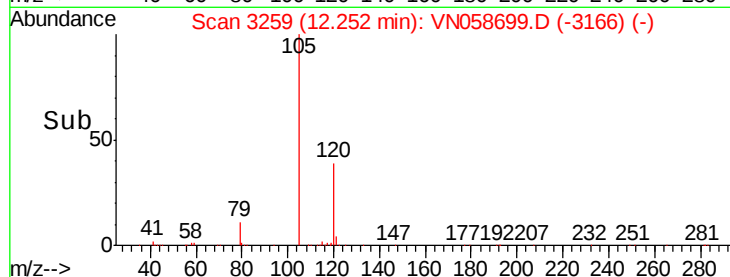
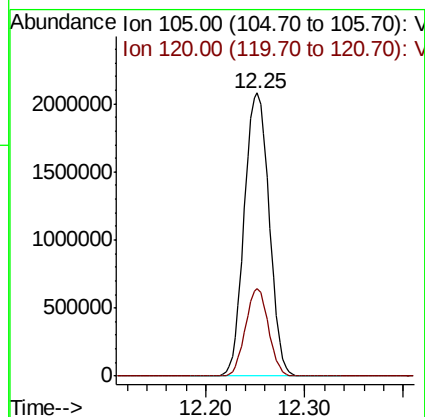
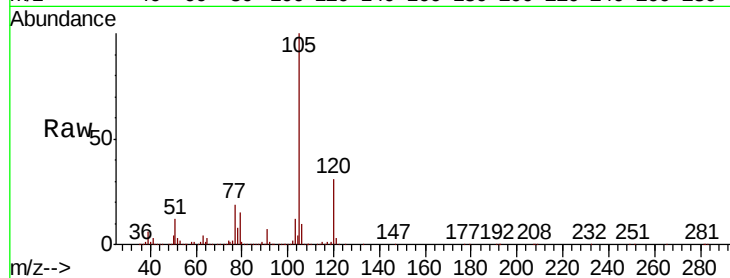
VSTDIC150

Tot Ion:105 Resp: 3616243

Ion Ratio Lower Upper

105 100

120 28.6 13.1 39.1



#74

N-ethyl acetate

Concen: 173.894 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Tgt Ion: 43 Resp: 1930948

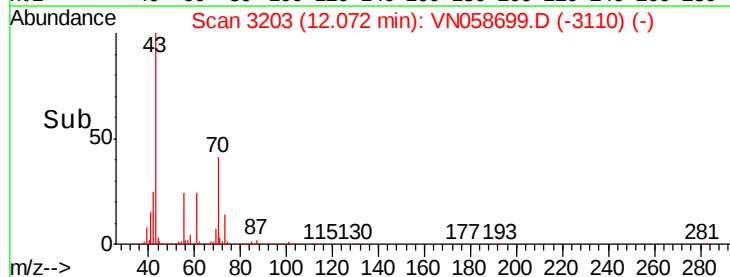
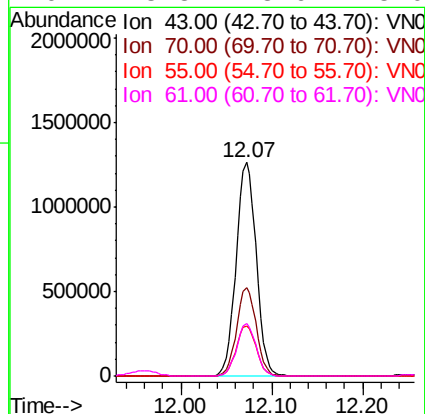
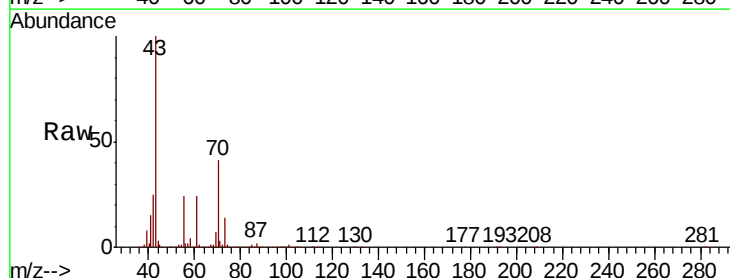
Ion Ratio Lower Upper

43 100

70 40.6 32.2 48.4

55 23.7 19.6 29.4

61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 155.418 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

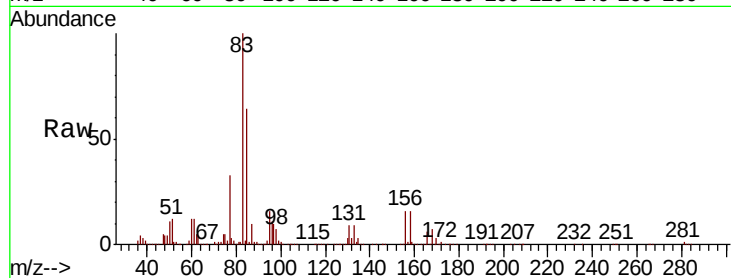
Tot Ion: 83 Resp: 1280988

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.8	14.4
85	64.3	31.9	95.5

83 100

131 9.7 4.8 14.4

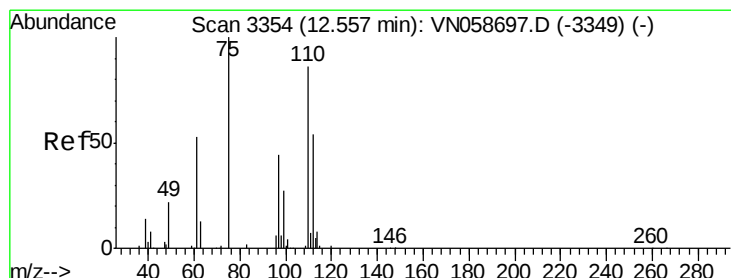
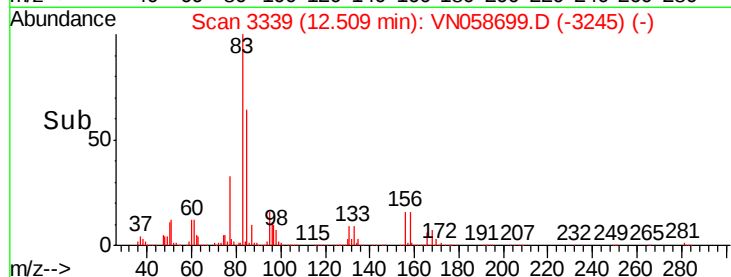
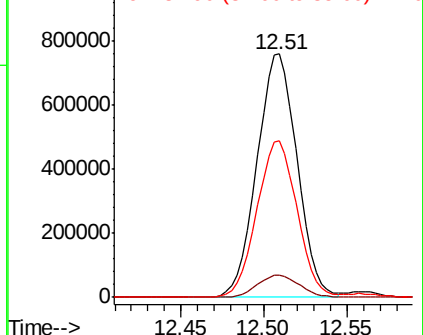
85 64.3 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN058699.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN058699.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN058699.D (-3324) (-)



#76

1,2,3-Trichloropropane

Concen: 256.726 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058699.D

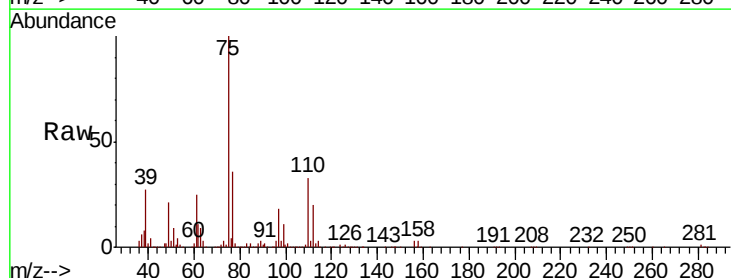
Acq: 11 Oct 2019 13:20

Tgt Ion: 75 Resp: 1779014

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

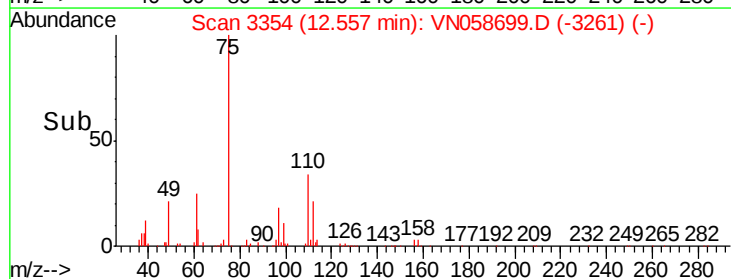
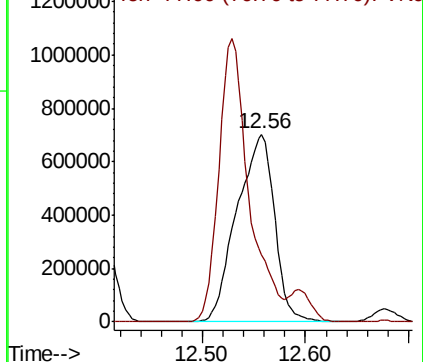
75 100

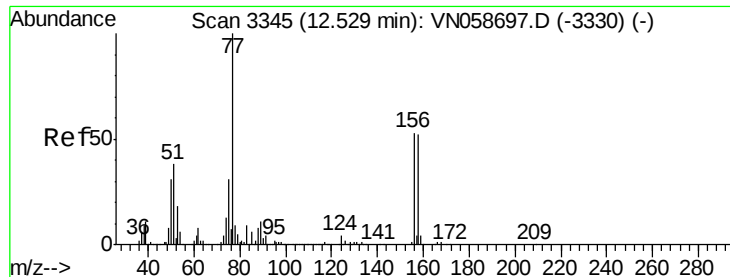
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN058699.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN058699.D (-3349) (-)





#77

Bromobenzene

Concen: 146.490 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

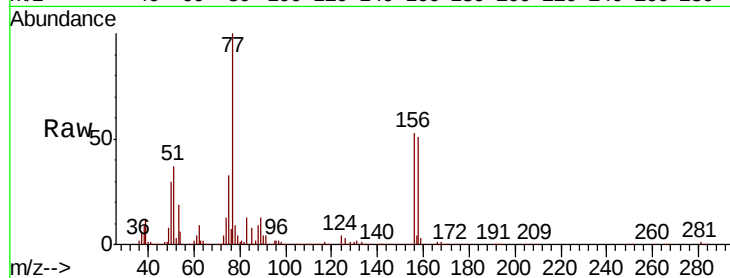
Tot Ion:156 Resp: 943162

Ion Ratio Lower Upper

156 100

77 229.7 115.8 347.3

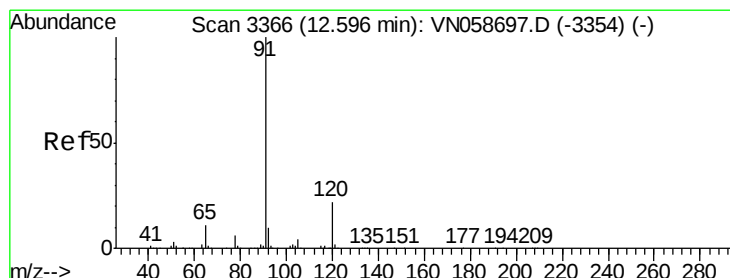
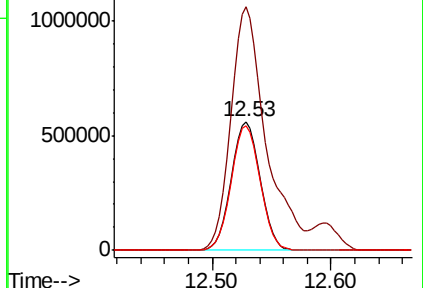
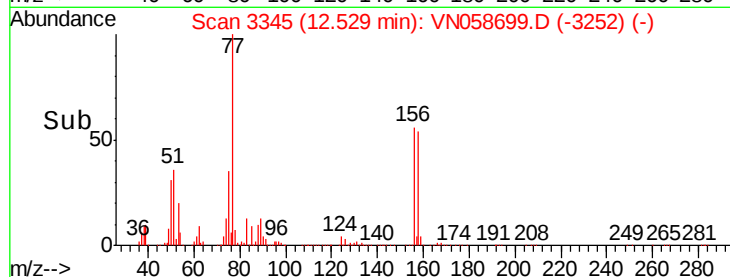
158 96.9 48.9 146.6



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: 132.713 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN058699.D

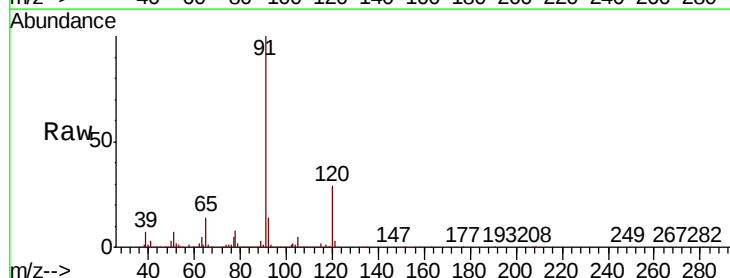
Acq: 11 Oct 2019 13:20

Tgt Ion: 91 Resp: 4109404

Ion Ratio Lower Upper

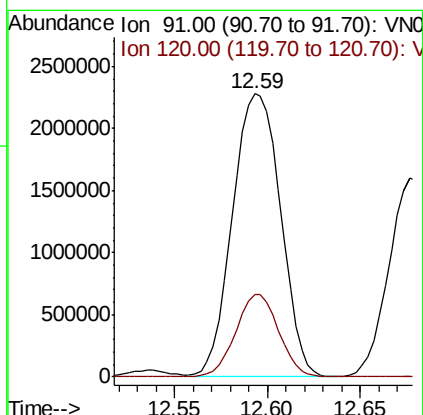
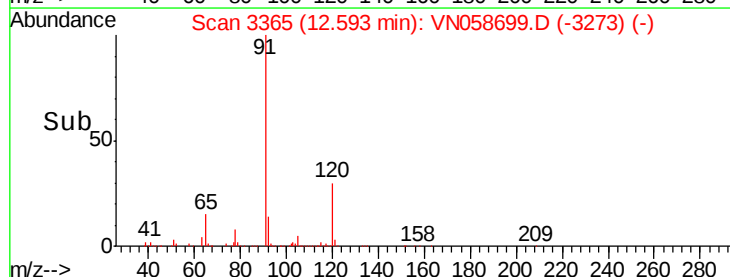
91 100

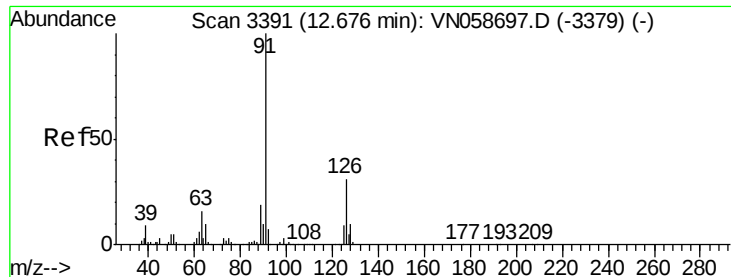
120 26.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

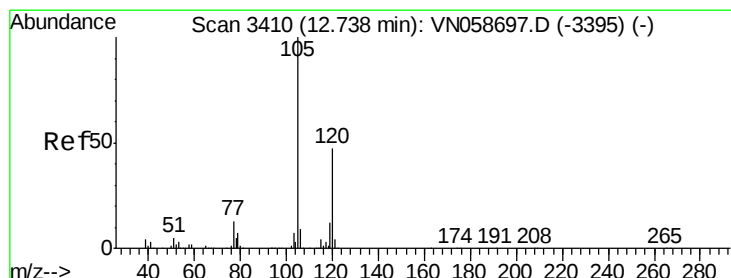
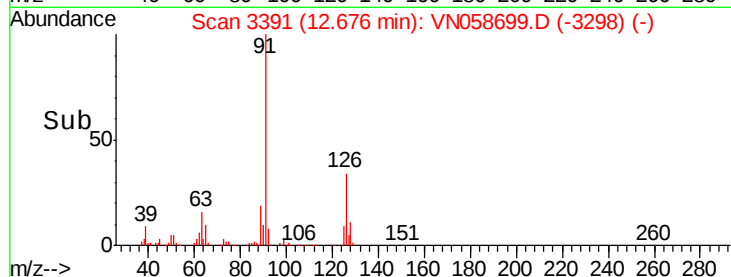
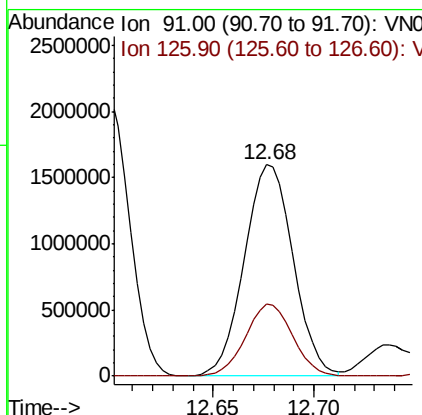
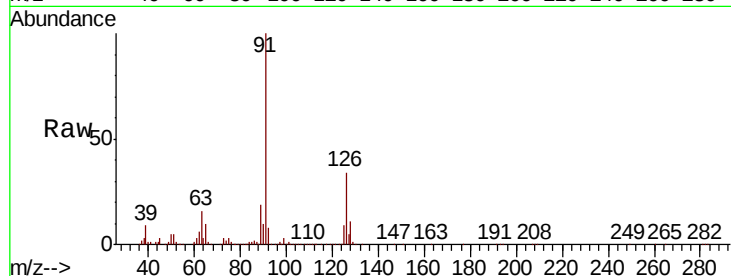




#79
2-Chlorotoluene
Concen: 142.120 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

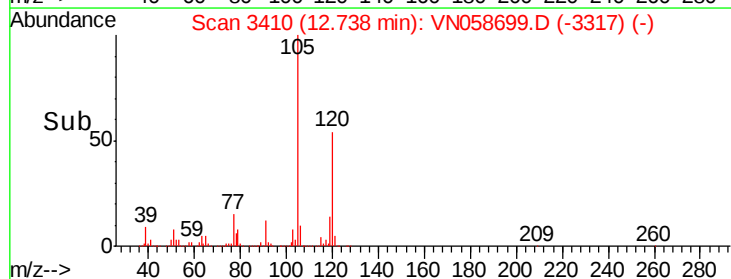
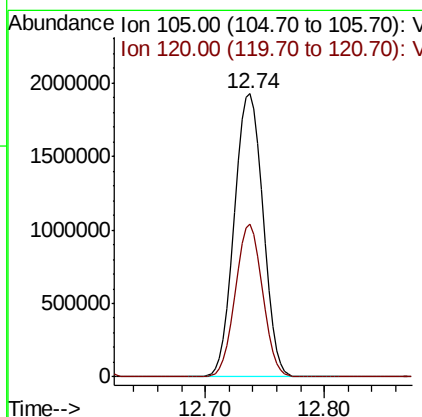
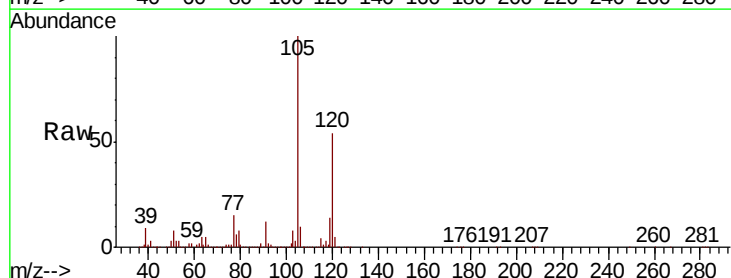
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

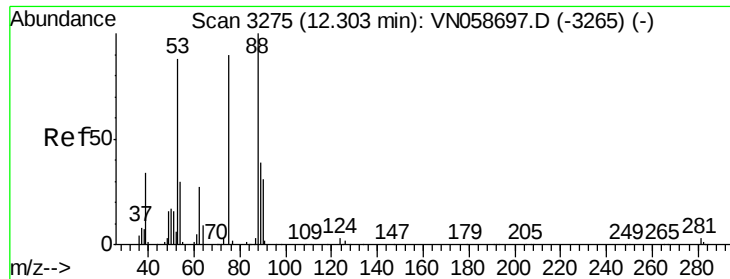
Tot Ion: 91 Resp: 2713798
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 140.406 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN058699.D
Acq: 11 Oct 2019 13:20

Tgt Ion: 105 Resp: 3226622
Ion Ratio Lower Upper
105 100
120 51.1 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 207.447 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

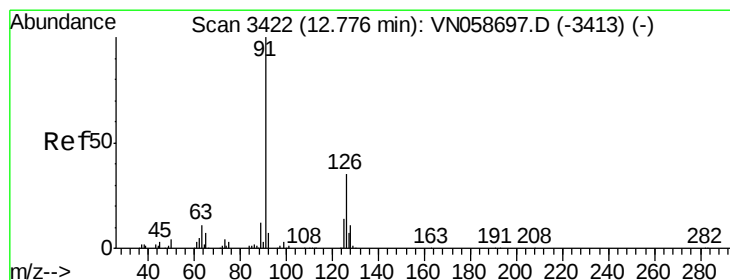
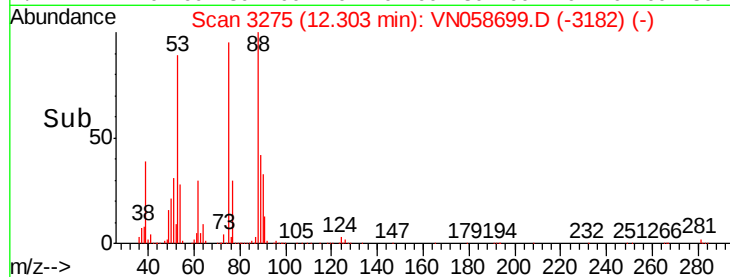
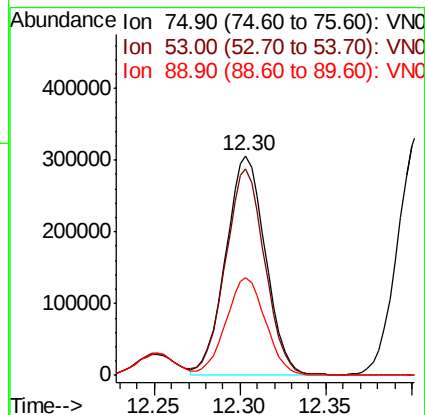
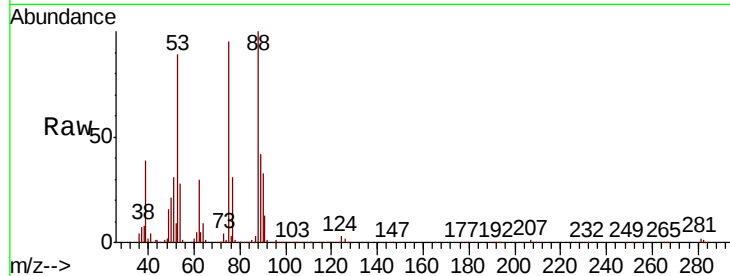
Tot Ion: 75 Resp: 492735

Ion Ratio Lower Upper

75 100

53 93.5 78.4 117.6

89 44.1 34.9 52.3



#82

4-Chlorotoluene

Concen: 146.412 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN058699.D

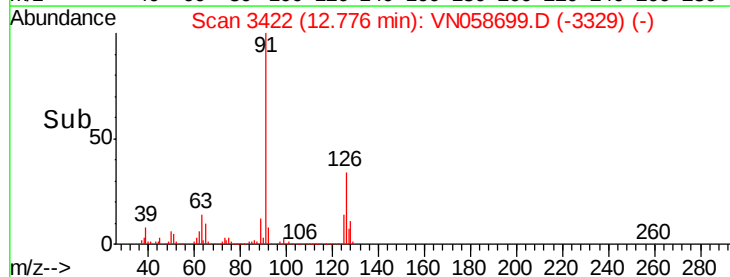
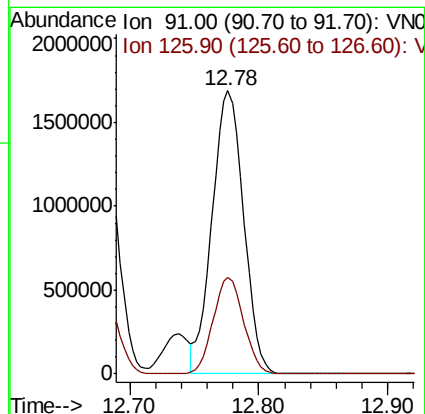
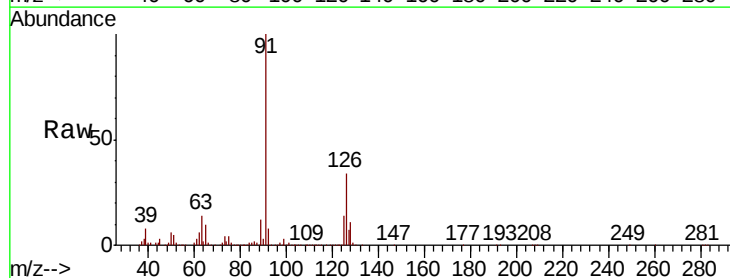
Acq: 11 Oct 2019 13:20

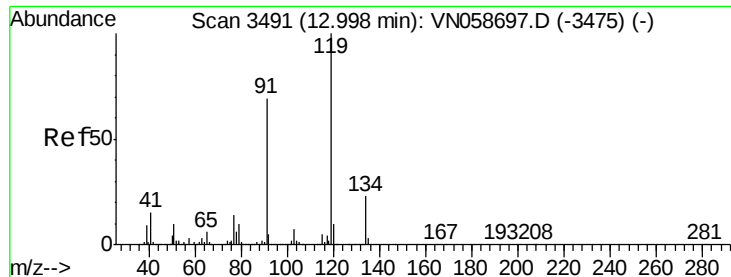
Tgt Ion: 91 Resp: 2860128

Ion Ratio Lower Upper

91 100

126 32.9 15.9 47.6





#83

tert-Butylbenzene

Concen: 146.338 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

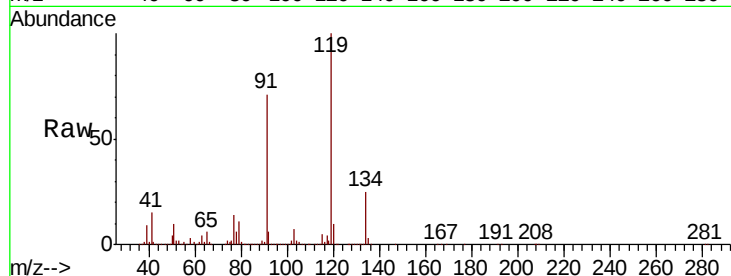
Tot Ion:119 Resp: 2837934

Ion Ratio Lower Upper

119 100

91 68.7 33.8 101.3

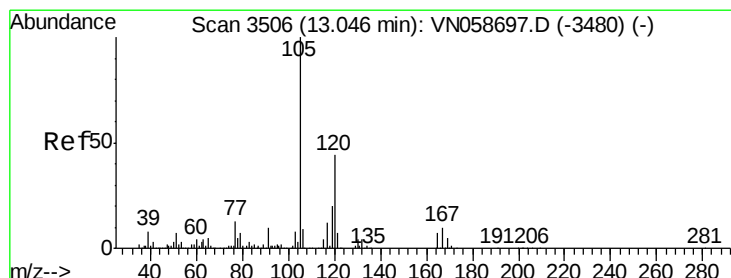
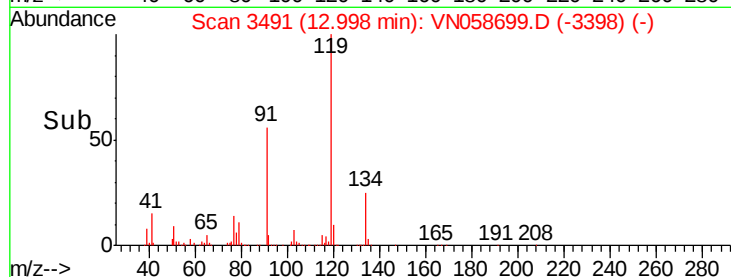
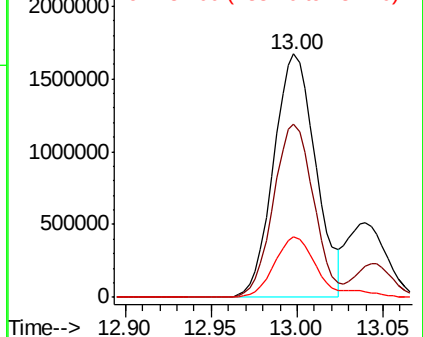
134 26.0 12.6 37.6



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: 140.680 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN058699.D

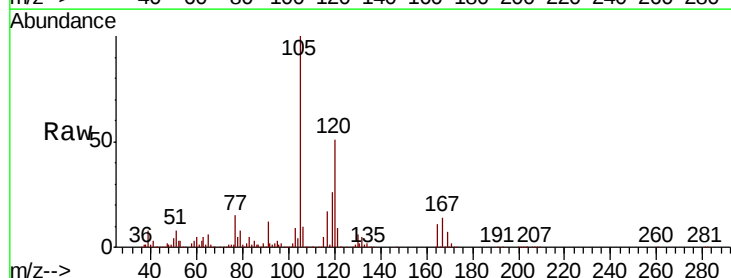
Acq: 11 Oct 2019 13:20

Tgt Ion:105 Resp: 3238902

Ion Ratio Lower Upper

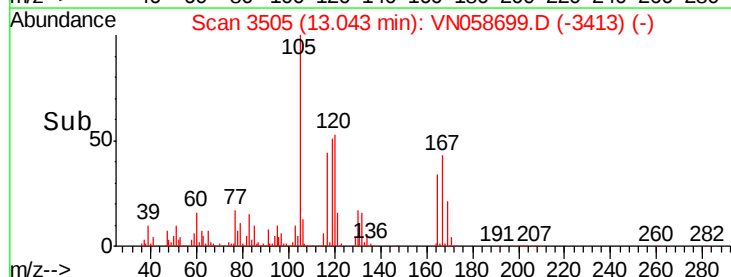
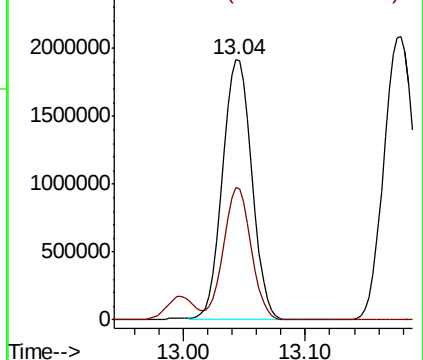
105 100

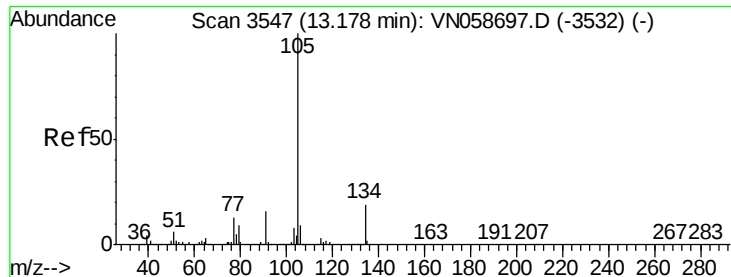
120 48.0 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

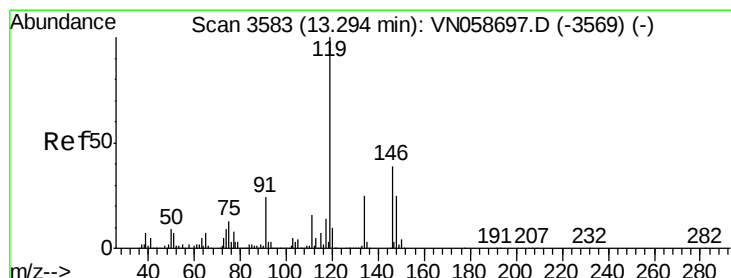
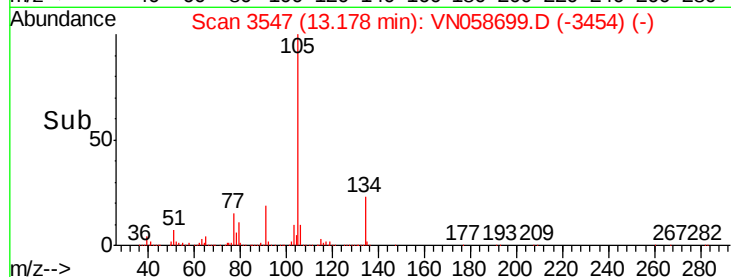
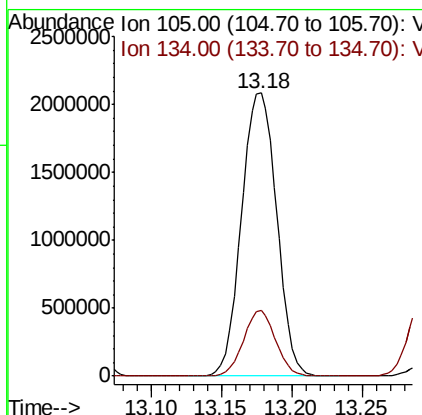
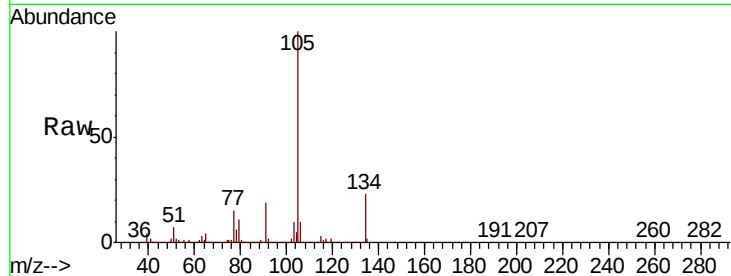




#85
 sec-Butylbenzene
 Concen: 142.083 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

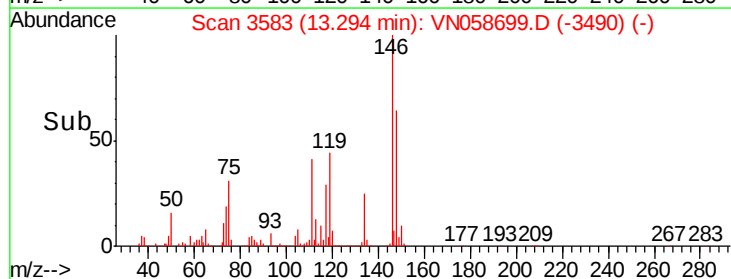
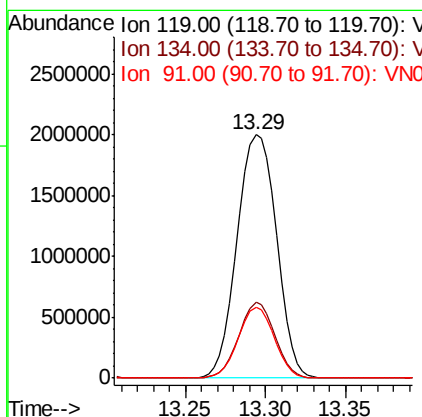
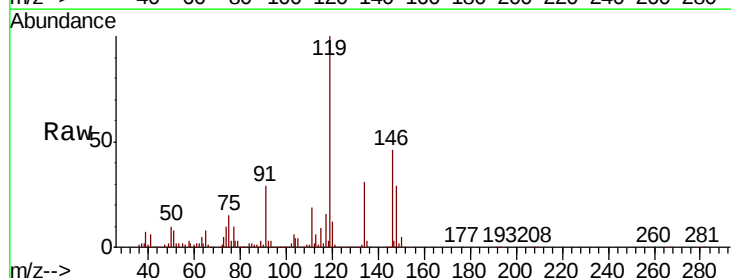
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

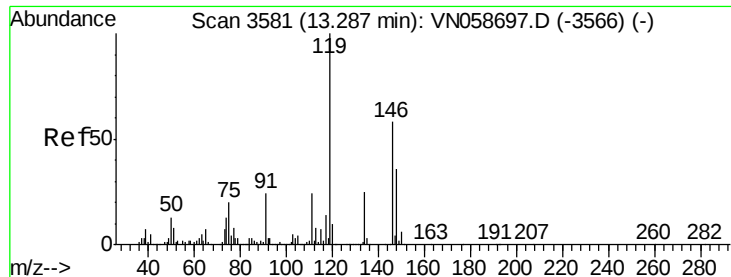
Tot Ion:105 Resp: 3638736
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 148.193 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

Tgt Ion:119 Resp: 3355690
 Ion Ratio Lower Upper
 119 100
 134 28.5 12.7 38.1
 91 26.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 152.050 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

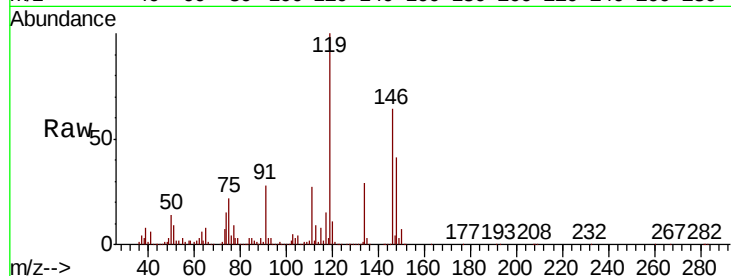
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1781640

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.6
148	64.1	31.3	93.9

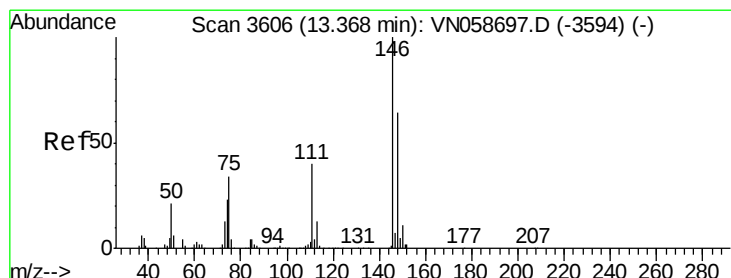
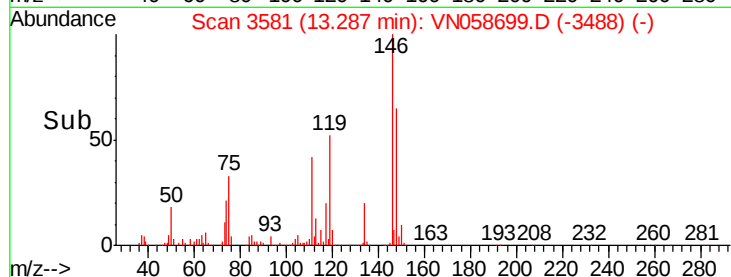
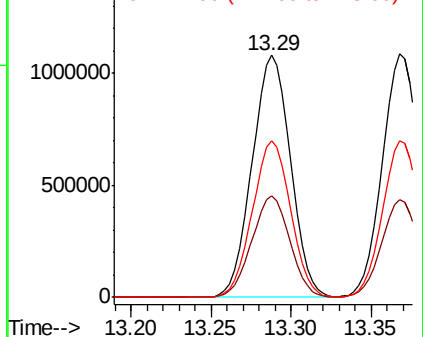


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 152.297 ug/l

RT: 13.37 min Scan# 3606

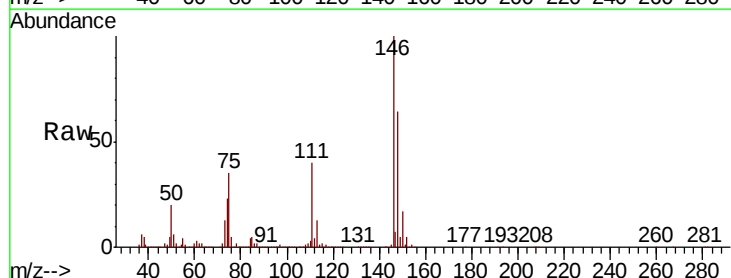
Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Tgt Ion:146 Resp: 1772439

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	64.2	31.9	95.7

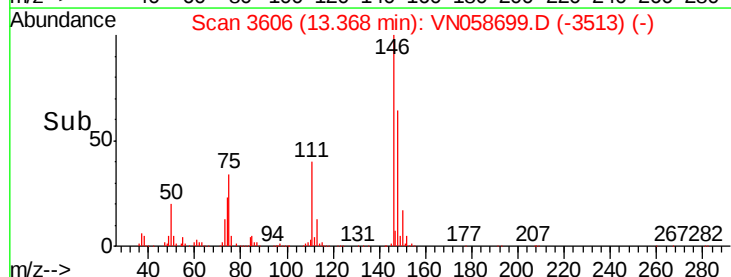
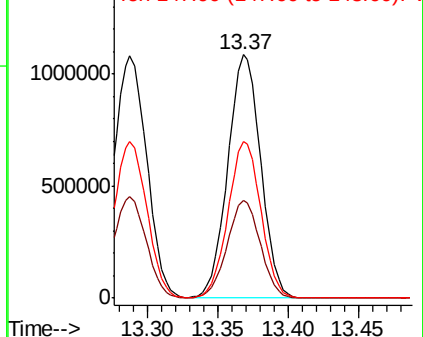


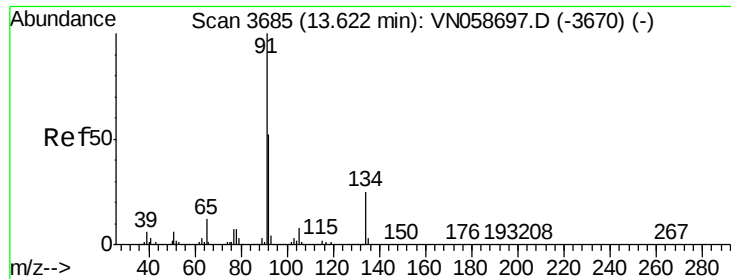
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 155.403 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

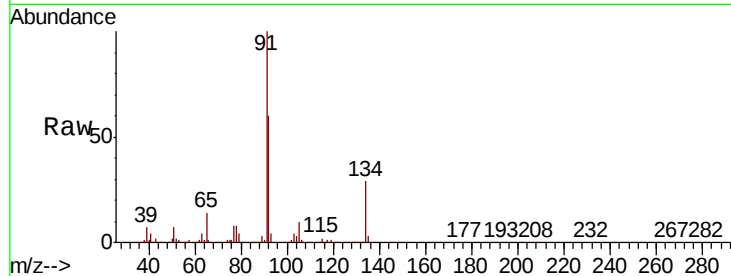
Tot Ion: 91 Resp: 3206884

Ion Ratio Lower Upper

91 100

92 56.7 26.0 78.0

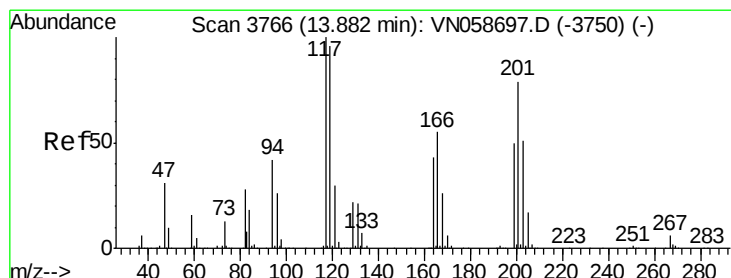
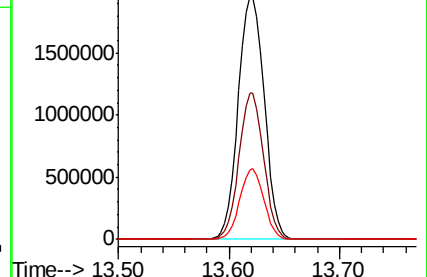
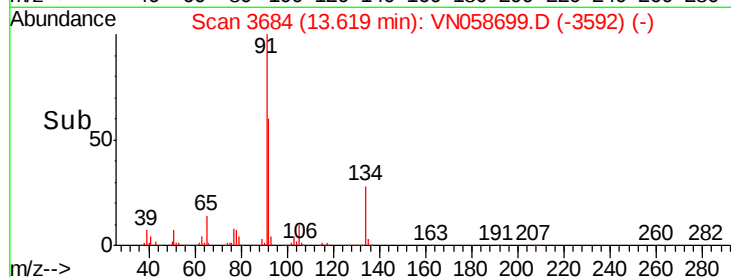
134 26.9 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN058699.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN058699.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN058699.D (-3670) (-)



#90

Hexachloroethane

Concen: 189.477 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN058699.D

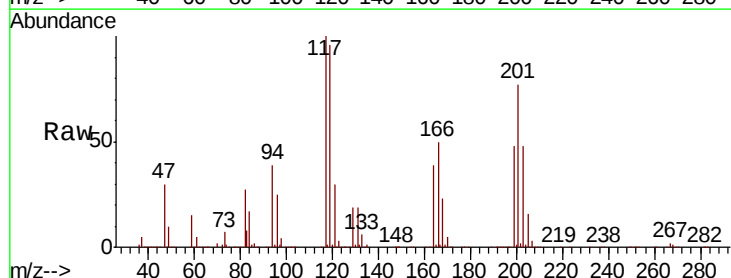
Acq: 11 Oct 2019 13:20

Tgt Ion: 117 Resp: 659304

Ion Ratio Lower Upper

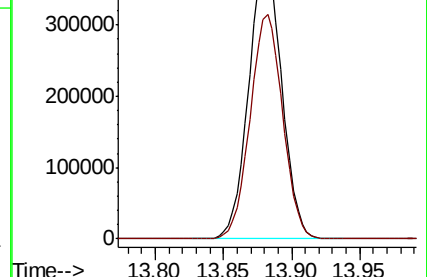
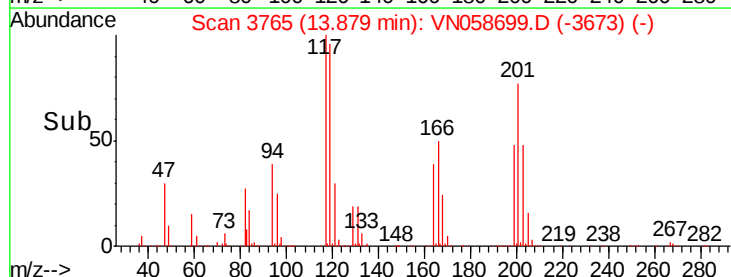
117 100

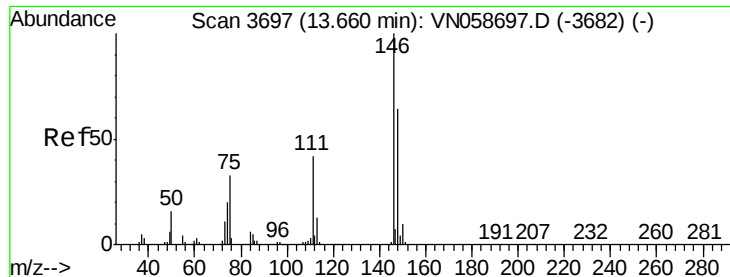
201 79.1 39.6 118.7



Abundance Ion 116.80 (116.50 to 117.50): VN058699.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN058699.D (-3750) (-)

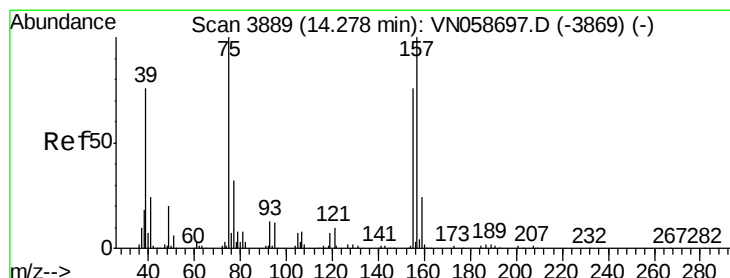
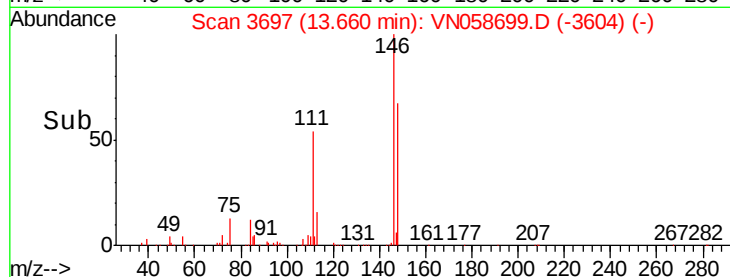
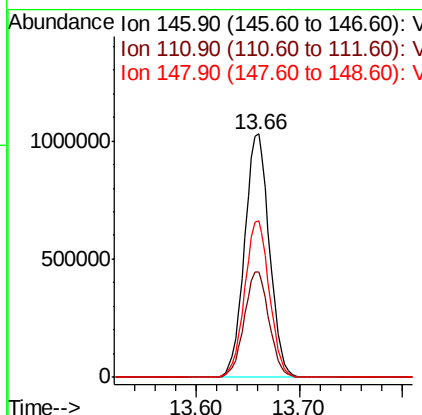
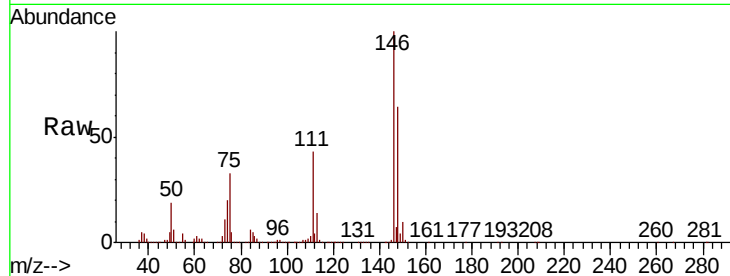




#91
 1,2-Dichlorobenzene
 Concen: 151.817 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

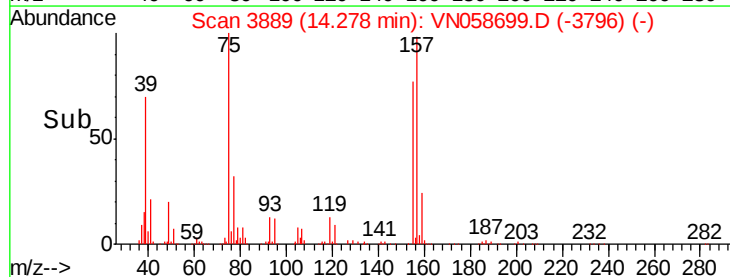
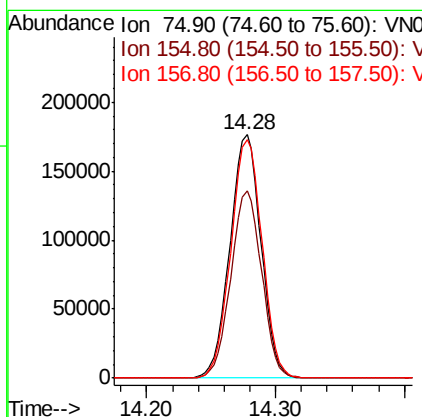
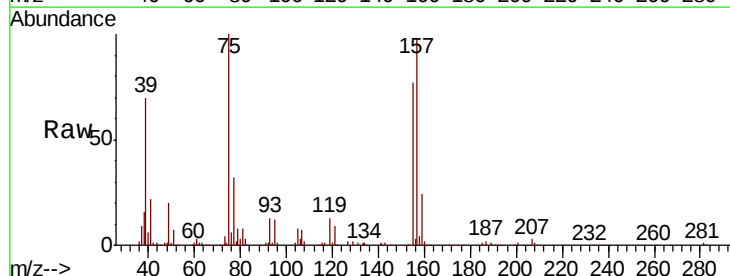
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1712059
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.1 63.4
 148 64.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 195.536 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

Tgt Ion: 75 Resp: 293430
 Ion Ratio Lower Upper
 75 100
 155 76.4 37.9 113.6
 157 99.2 49.4 148.2

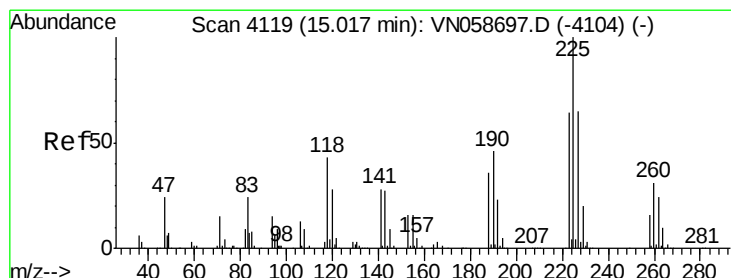
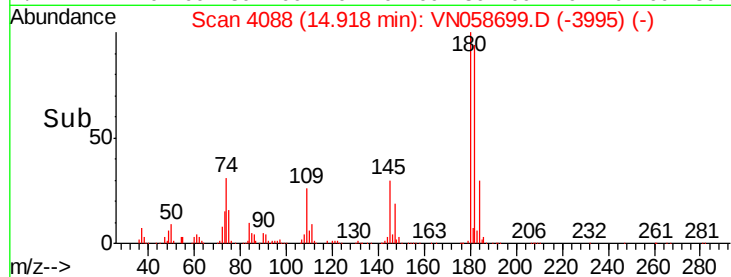
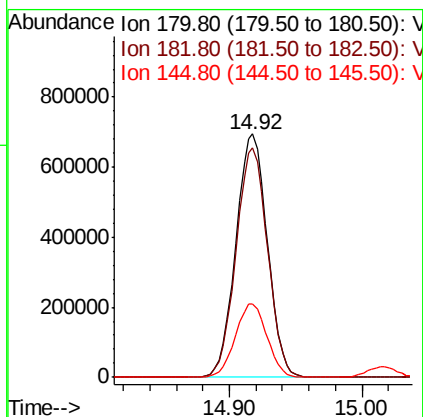
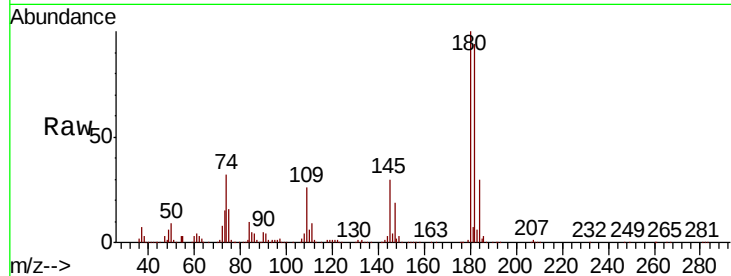




#93
 1,2,4-Trichlorobenzene
 Concen: 181.561 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

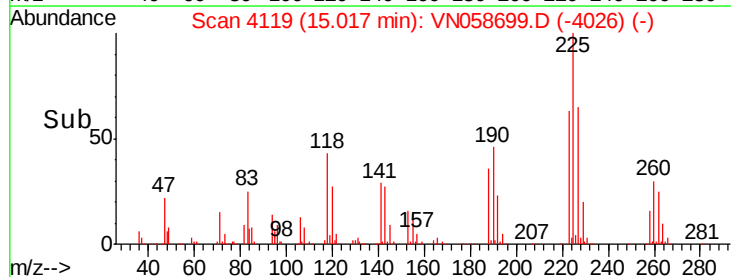
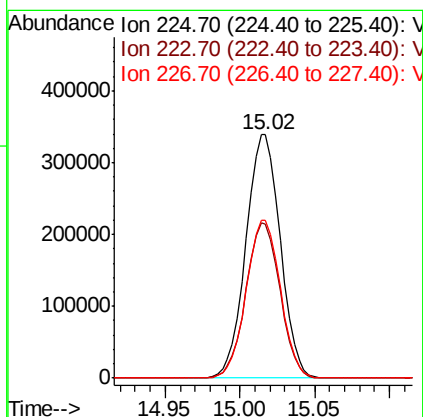
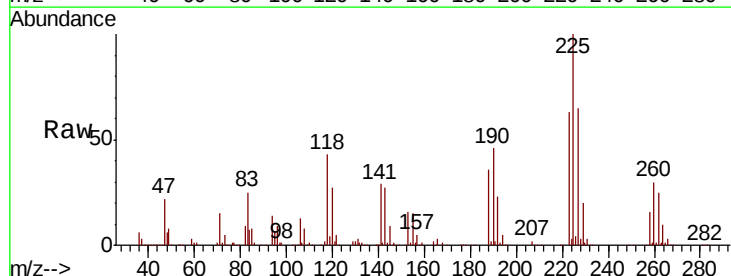
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 1141880
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.4 142.2
 145 30.4 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 165.412 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058699.D
 Acq: 11 Oct 2019 13:20

Tgt Ion:225 Resp: 541906
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.3 96.8
 227 64.6 32.4 97.0





#95

Naphthalene

Concen: 193.131 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

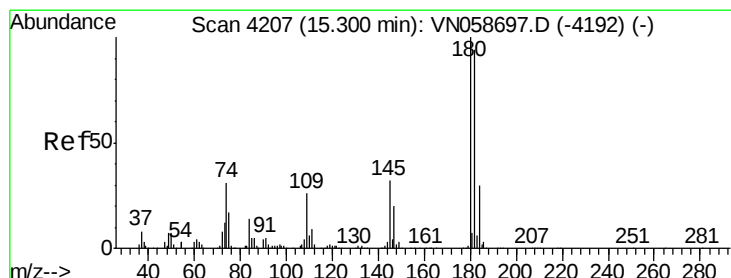
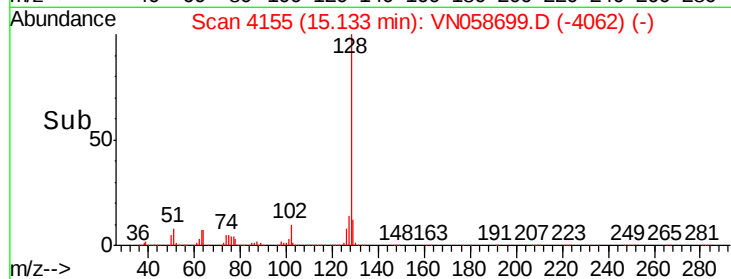
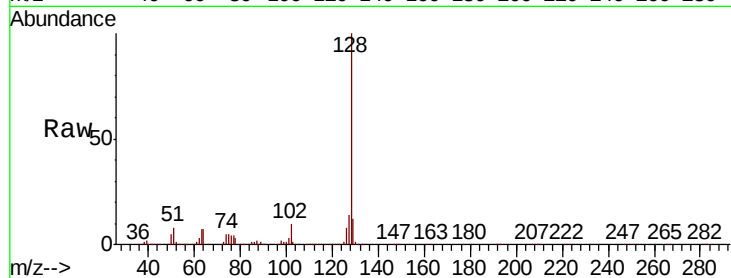
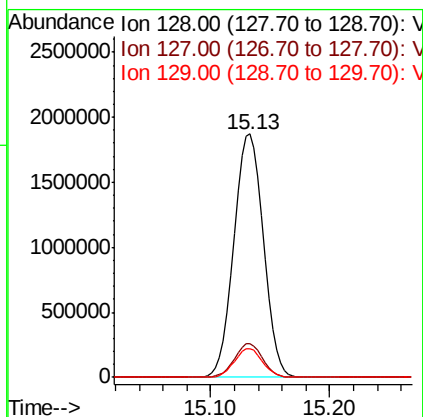
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 3216514

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.3	8.5	12.7



#96

1,2,3-Trichlorobenzene

Concen: 190.760 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Tgt Ion:180 Resp: 1097639

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	142.0
145	32.2	16.2	48.6

