

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058770.D
 Acq On : 14 Oct 2019 23:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 15 03:17:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	401384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	648372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	606592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	304918	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	294288	52.37	ug/l	0.00
Spiked Amount						
						Recovery = 104.74%
35) Dibromofluoromethane	7.57	113	208371	52.03	ug/l	0.00
Spiked Amount						
						Recovery = 104.06%
50) Toluene-d8	10.08	98	818376	51.10	ug/l	0.00
Spiked Amount						
						Recovery = 102.20%
62) 4-Bromofluorobenzene	12.40	95	304938	50.30	ug/l	0.00
Spiked Amount						
						Recovery = 100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	265063	53.023	ug/l	100
3) Chloromethane	2.04	50	298864	50.276	ug/l	99
4) Vinyl Chloride	2.17	62	300337	50.728	ug/l	99
5) Bromomethane	2.54	94	182842	50.767	ug/l	98
6) Chloroethane	2.68	64	190971	52.294	ug/l	99
7) Trichlorofluoromethane	3.00	101	383351	54.103	ug/l	99
8) Diethyl Ether	3.39	74	128619	49.129	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	205783	50.935	ug/l	98
10) Methyl Iodide	3.93	142	274666	49.819	ug/l	98
11) Tert butyl alcohol	4.76	59	241112	264.942	ug/l	100
12) 1,1-Dichloroethene	3.72	96	197105	51.133	ug/l	96
13) Acrolein	3.58	56	150441	205.544	ug/l	98
14) Allyl chloride	4.30	41	346445	44.536	ug/l	92
15) Acrylonitrile	4.96	53	636629	277.396	ug/l	100
16) Acetone	3.79	43	572925	246.275	ug/l	99
17) Carbon Disulfide	4.03	76	606645	49.233	ug/l	99
18) Methyl Acetate	4.30	43	337784	57.242	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	719621	52.281	ug/l	96
20) Methylene Chloride	4.53	84	234301	48.190	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	215464	49.971	ug/l	99
22) Diisopropyl ether	5.93	45	793289	52.449	ug/l	98
23) Vinyl Acetate	5.87	43	3315236	271.640	ug/l	100
24) 1,1-Dichloroethane	5.82	63	449825	52.219	ug/l	99
25) 2-Butanone	6.81	43	890087	264.709	ug/l	99
26) 2,2-Dichloropropane	6.80	77	322667	41.034	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	252501	50.218	ug/l	97
28) Bromochloromethane	7.17	49	154874	51.679	ug/l	99
29) Tetrahydrofuran	7.19	42	599660	275.964	ug/l	99
30) Chloroform	7.36	83	441460	51.008	ug/l	98
31) Cyclohexane	7.63	56	404286	49.050	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	385739	52.261	ug/l	99
36) 1,1-Dichloropropene	7.78	75	334489	51.024	ug/l	99
37) Ethyl Acetate	6.91	43	366800	55.326	ug/l	99
38) Carbon Tetrachloride	7.76	117	339851	53.193	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058770.D
 Acq On : 14 Oct 2019 23:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 15 03:17:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	383926	50.471	ug/l	98
40) Benzene	8.02	78	980987	52.104	ug/l	100
41) Methacrylonitrile	7.19	41	546446	176.077	ug/l #	1
42) 1,2-Dichloroethane	8.11	62	372449	51.492	ug/l	100
43) Isopropyl Acetate	8.15	43	595092	52.690	ug/l	99
44) Trichloroethene	8.82	130	239605	51.248	ug/l	99
45) 1,2-Dichloropropane	9.11	63	267948	53.163	ug/l	98
46) Dibromomethane	9.20	93	171275	53.599	ug/l	98
47) Bromodichloromethane	9.39	83	351532	54.023	ug/l	99
48) Methyl methacrylate	9.19	41	280505	54.791	ug/l	99
49) 1,4-Dioxane	9.19	88	86990	1098.334	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1891539	298.212	ug/l	99
52) Toluene	10.15	92	600508	52.149	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	386424	51.777	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	411723	51.959	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	239385	50.792	ug/l	99
56) Ethyl methacrylate	10.43	69	384443	55.834	ug/l	99
57) 1,3-Dichloropropane	10.71	76	422075	52.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	920601	277.436	ug/l	100
59) 2-Hexanone	10.75	43	1417503	289.178	ug/l	99
60) Dibromochloromethane	10.90	129	263162	54.128	ug/l	99
61) 1,2-Dibromoethane	11.00	107	249303	52.799	ug/l	99
64) Tetrachloroethene	10.63	164	215655	50.801	ug/l	94
65) Chlorobenzene	11.43	112	632683	51.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	237437	52.125	ug/l	98
67) Ethyl Benzene	11.51	91	1183729	53.907	ug/l	99
68) m/p-Xylenes	11.62	106	875703	106.267	ug/l	99
69) o-Xylene	11.95	106	414035	51.930	ug/l	99
70) Styrene	11.97	104	701037	53.647	ug/l	100
71) Bromoform	12.13	173	187540	56.169	ug/l #	98
73) Isopropylbenzene	12.25	105	1145209	51.860	ug/l	99
74) N-amyl acetate	12.07	43	525124	52.945	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	379788	52.206	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	503969	75.341	ug/l #	100
77) Bromobenzene	12.53	156	270318	50.326	ug/l	99
78) n-propylbenzene	12.59	91	1368652	53.188	ug/l	99
79) 2-Chlorotoluene	12.68	91	802396	50.240	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	988327	52.423	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	124879	50.008	ug/l	99
82) 4-Chlorotoluene	12.78	91	835848	51.000	ug/l	100
83) tert-Butylbenzene	13.00	119	837186	51.835	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	998739	53.363	ug/l	99
85) sec-Butylbenzene	13.18	105	1139201	53.530	ug/l	100
86) p-Isopropyltoluene	13.29	119	1028774	53.189	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	497368	50.210	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	490731	48.725	ug/l	99
89) n-Butylbenzene	13.62	91	936595	52.369	ug/l	99
90) Hexachloroethane	13.88	117	185368	53.561	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	490093	50.763	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	86002	50.603	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
Data File : VN058770.D
Acq On : 14 Oct 2019 23:33
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 15 03:17:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

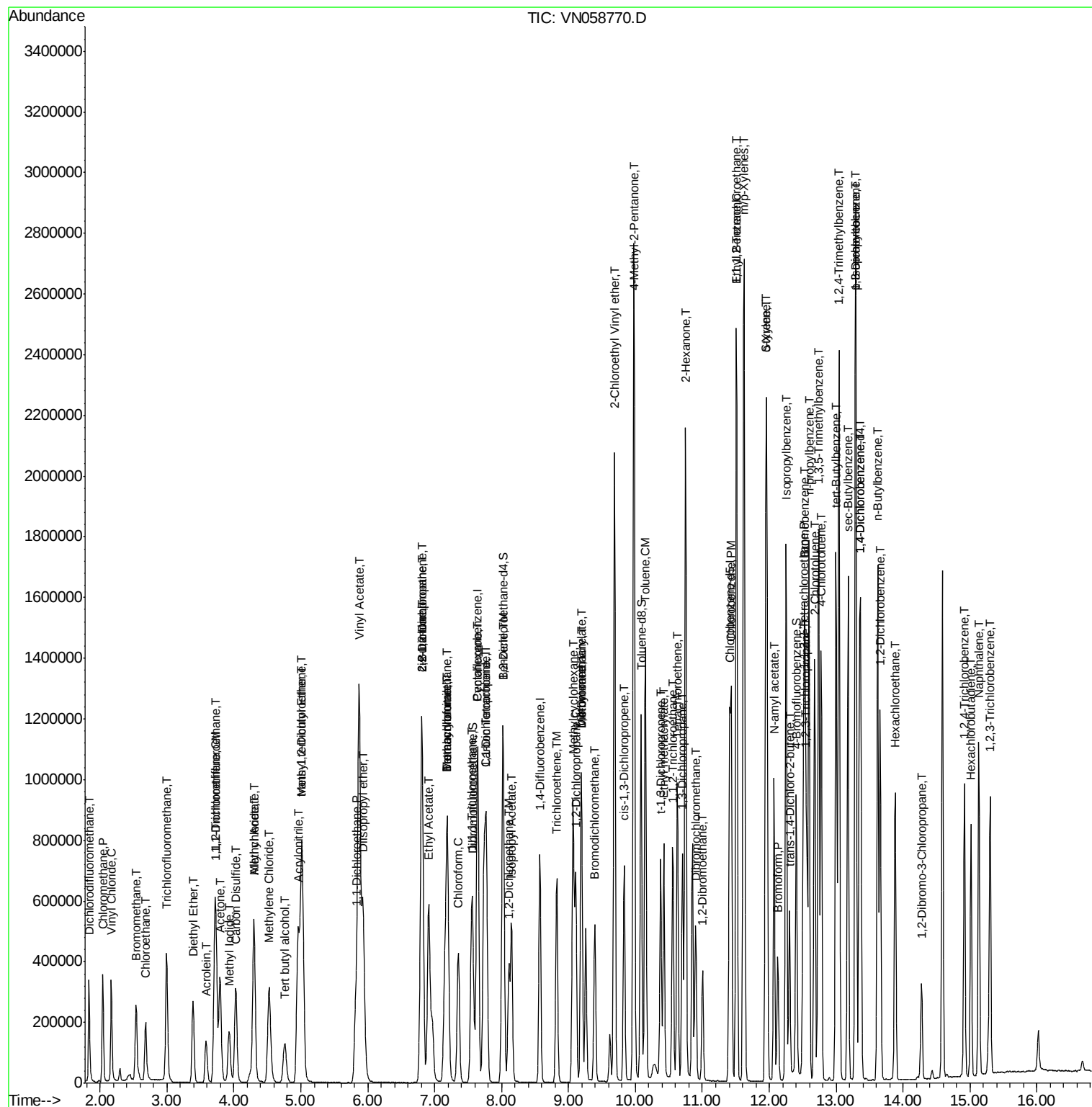
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	291839	49.553	ug/l	99
94) Hexachlorobutadiene	15.01	225	150010	48.368	ug/l	99
95) Naphthalene	15.13	128	857399	50.656	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	278670	48.465	ug/l	99

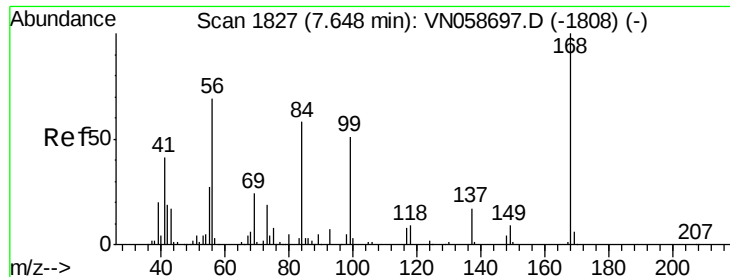
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058770.D
 Acq On : 14 Oct 2019 23:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 15 03:17:52 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 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: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

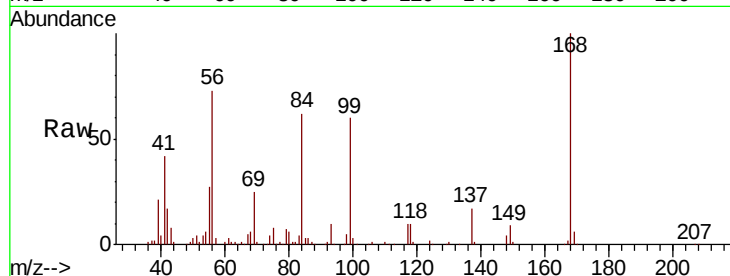
VSTDCCC050EC

Tot Ion:168 Resp: 401384

Ion Ratio Lower Upper

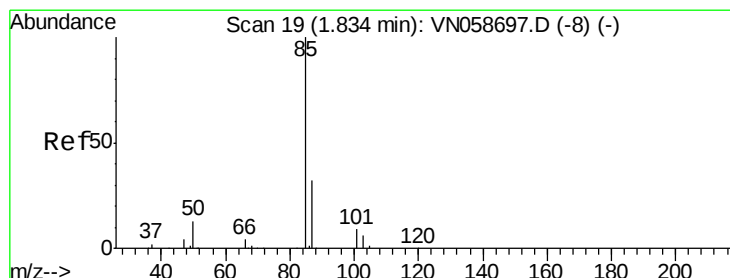
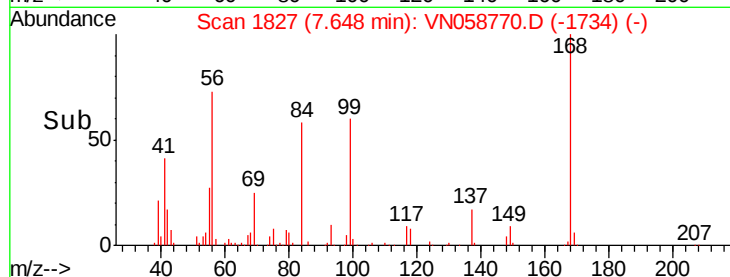
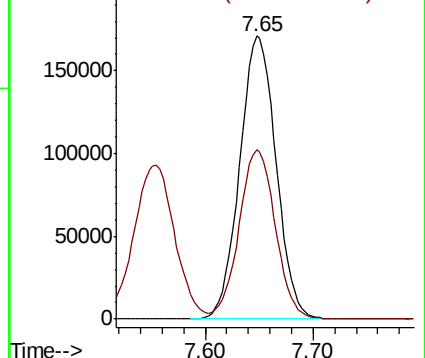
168 100

99 59.8 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: 53.023 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058770.D

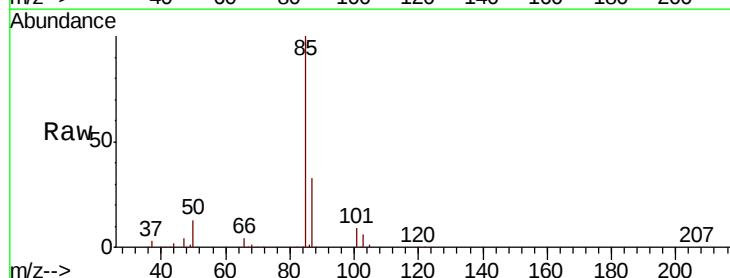
Acq: 14 Oct 2019 23:33

Tgt Ion: 85 Resp: 265063

Ion Ratio Lower Upper

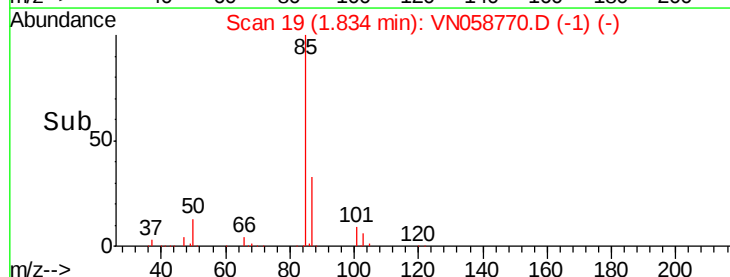
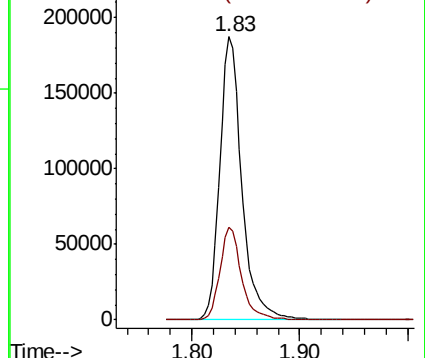
85 100

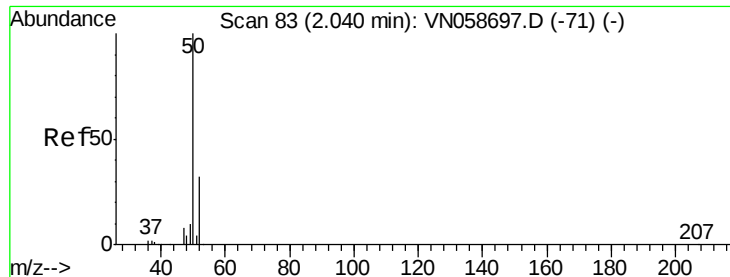
87 32.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 50.276 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

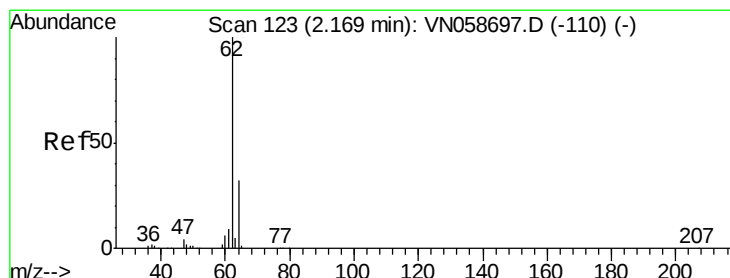
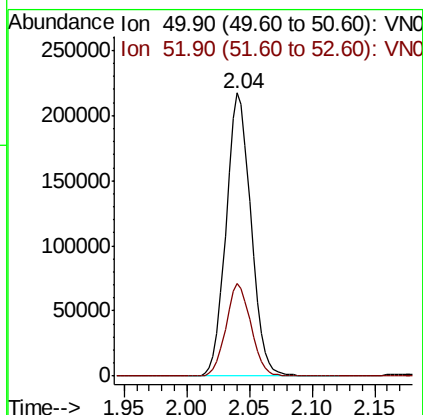
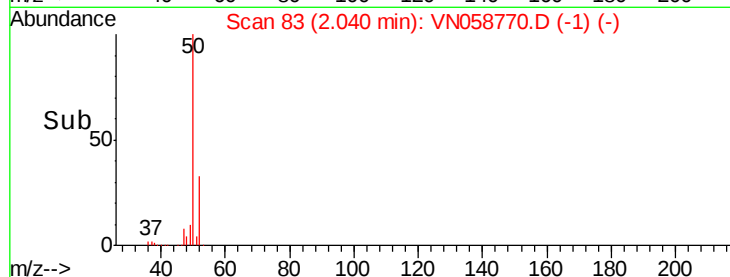
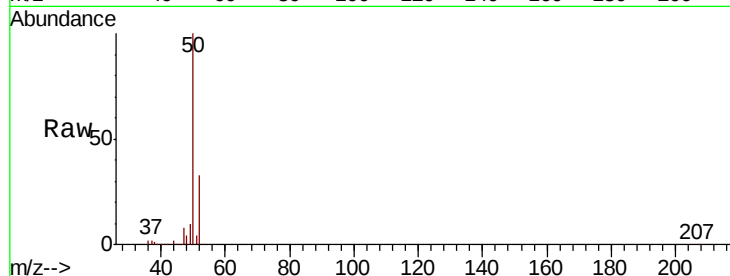
VSTDCCC050EC

Tot Ion: 50 Resp: 298864

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 50.728 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058770.D

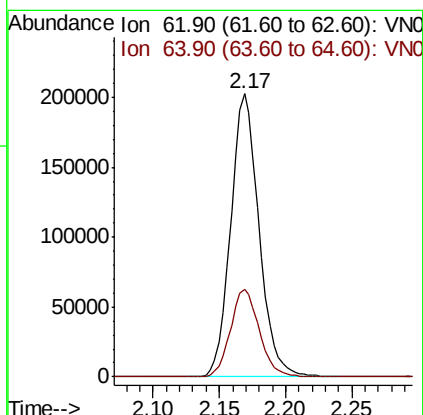
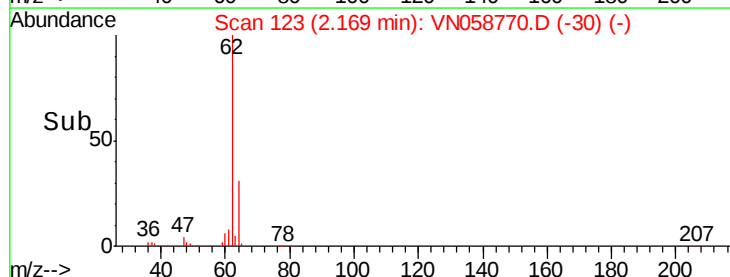
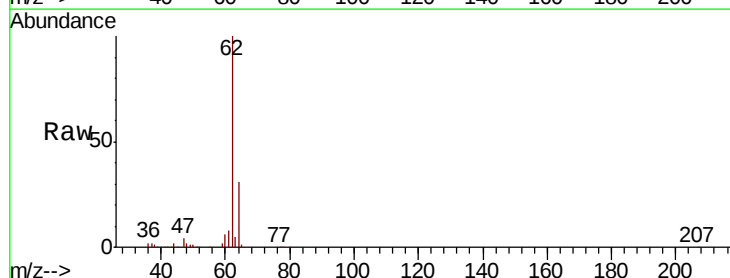
Acq: 14 Oct 2019 23:33

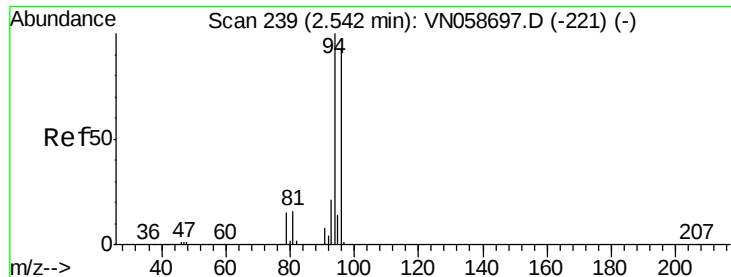
Tgt Ion: 62 Resp: 300337

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 50.767 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

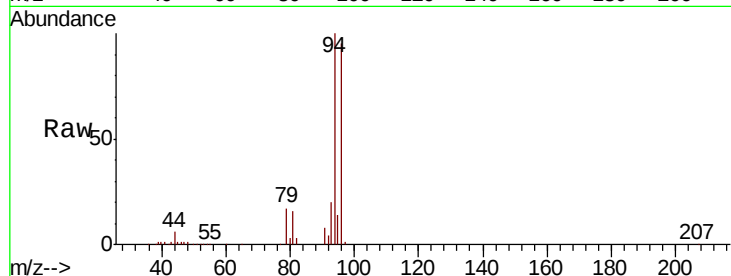
VSTDCCC050EC

Tot Ion: 94 Resp: 182842

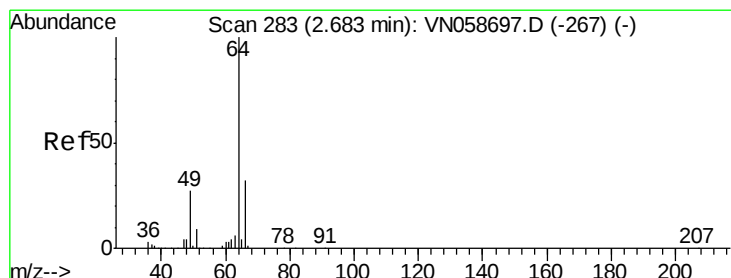
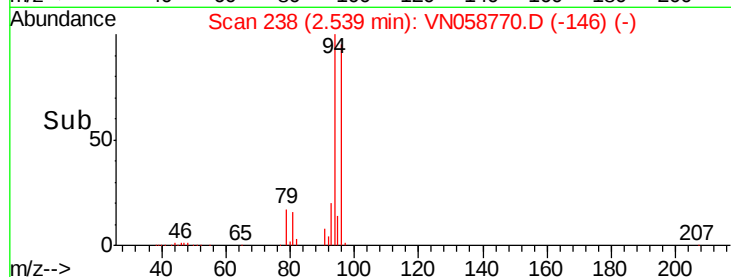
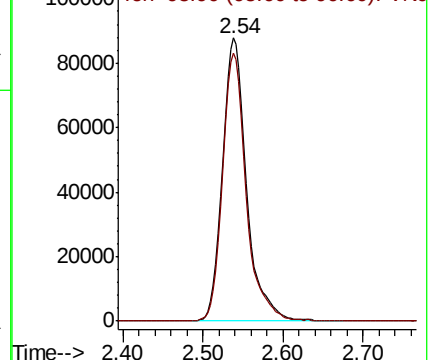
Ion Ratio Lower Upper

94 100

96 94.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 52.294 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN058770.D

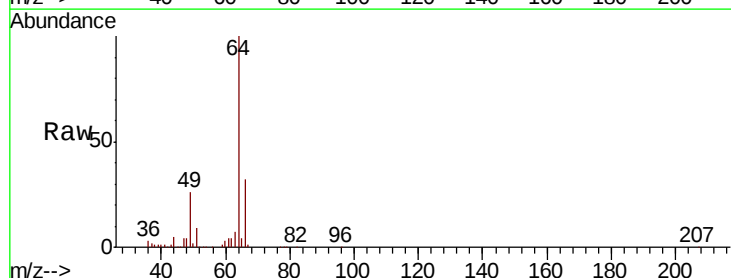
Acq: 14 Oct 2019 23:33

Tgt Ion: 64 Resp: 190971

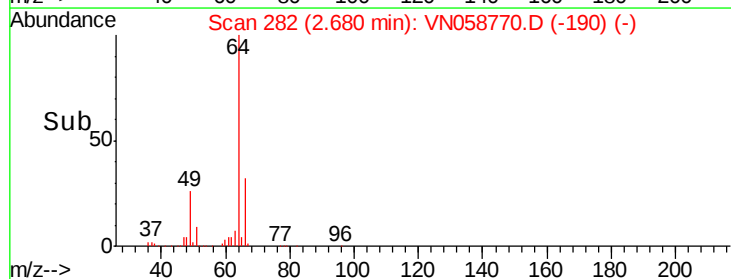
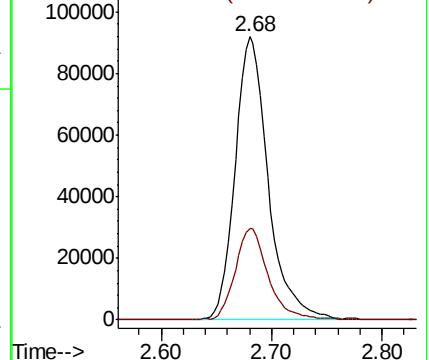
Ion Ratio Lower Upper

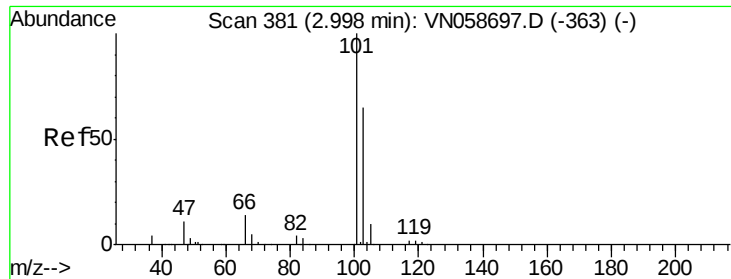
64 100

66 32.4 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



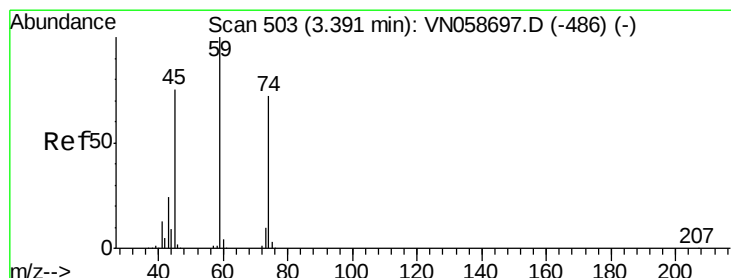
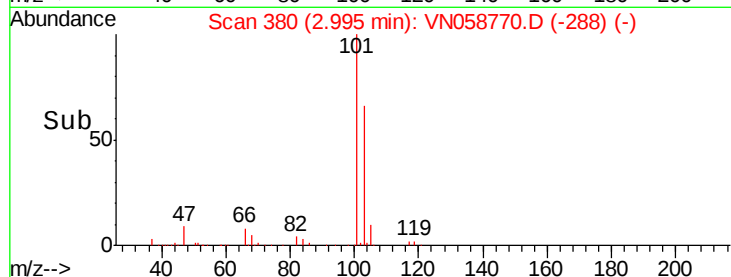
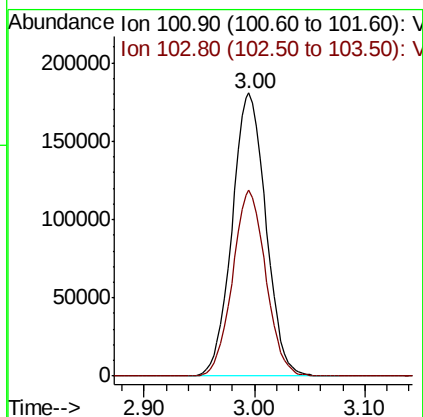
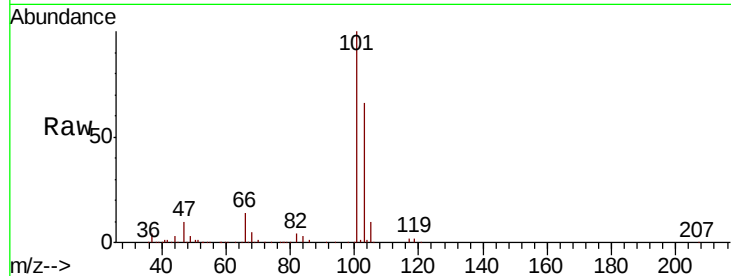


#7

Trichlorofluoromethane
 Concen: 54.103 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

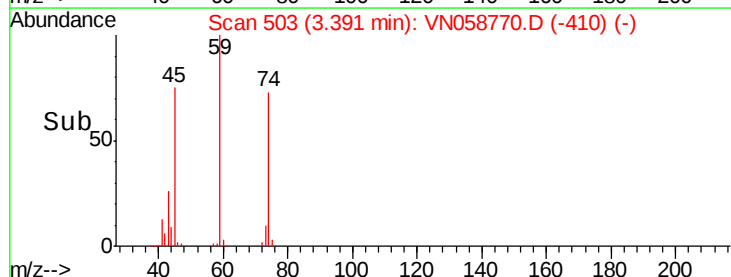
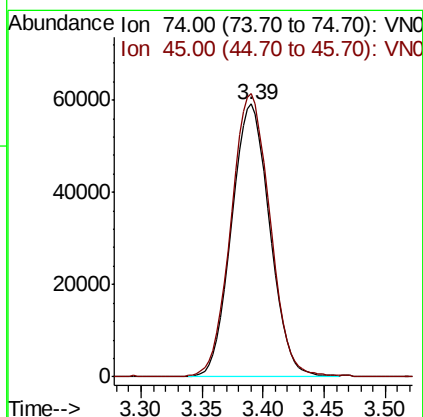
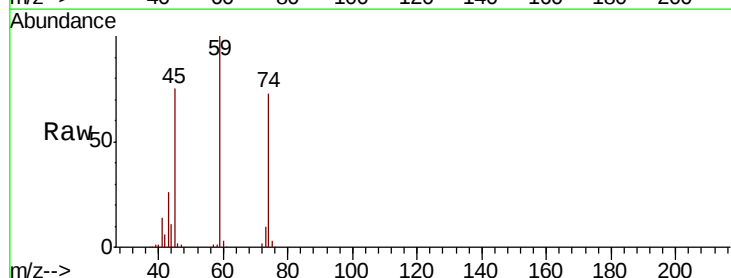
Tot Ion:101 Resp: 383351
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.8 77.6

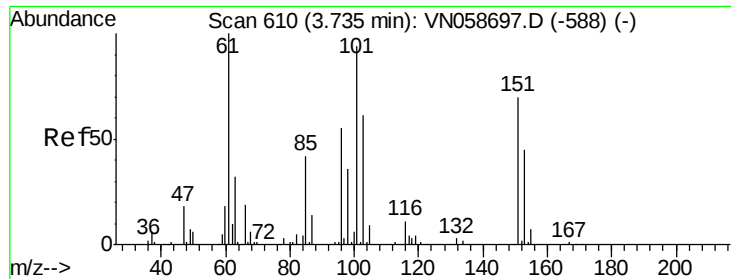


#8

Diethyl Ether
 Concen: 49.129 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Tgt Ion: 74 Resp: 128619
 Ion Ratio Lower Upper
 74 100
 45 105.9 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.935 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

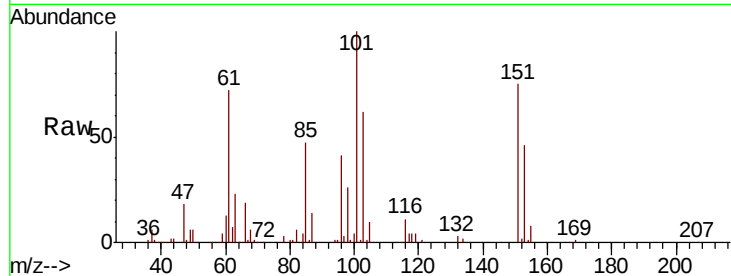
Tot Ion:101 Resp: 205783

Ion Ratio Lower Upper

101 100

85 46.2 37.0 55.6

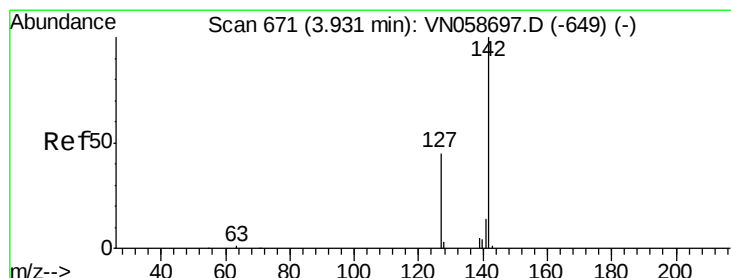
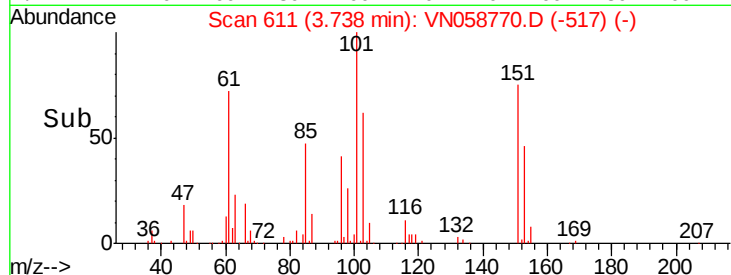
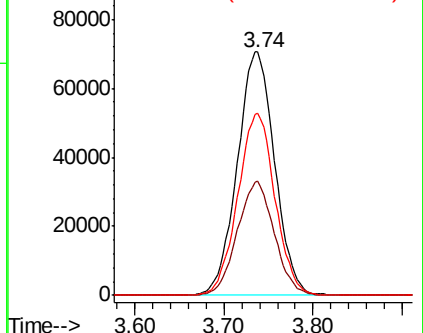
151 74.3 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.819 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

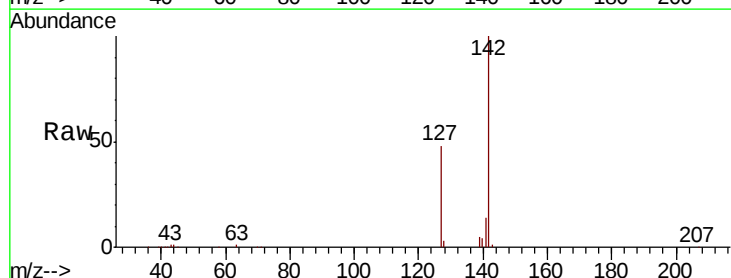
Tgt Ion:142 Resp: 274666

Ion Ratio Lower Upper

142 100

127 47.2 36.4 54.6

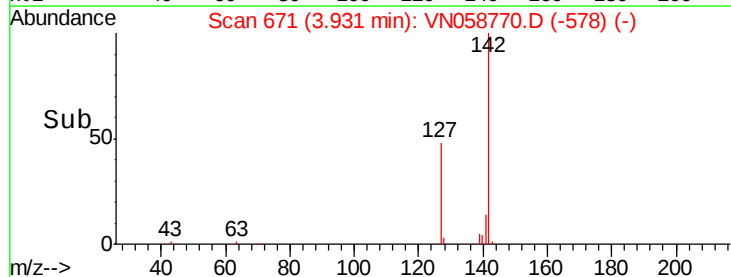
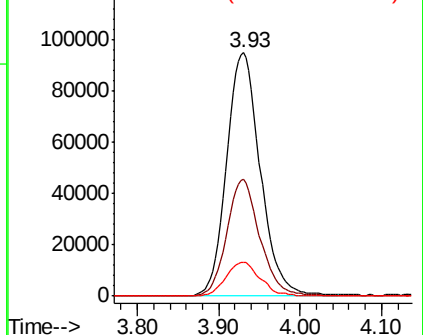
141 14.2 11.1 16.7

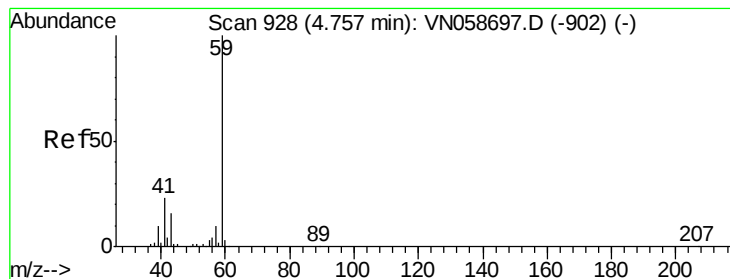


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



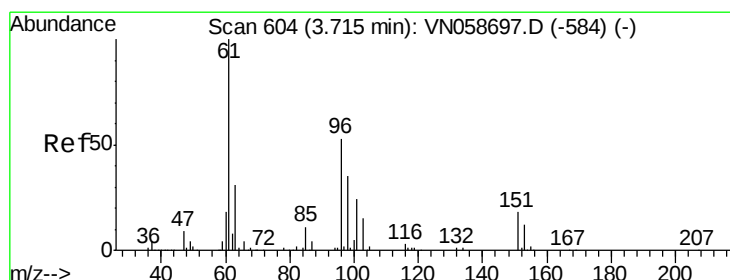
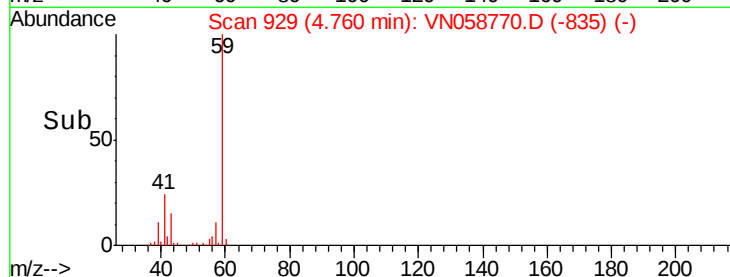
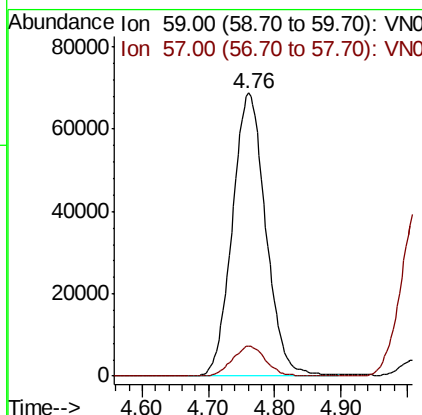
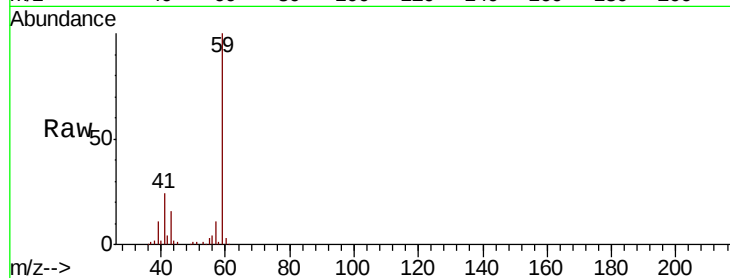


#11

Tert butyl alcohol
 Concen: 264.942 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

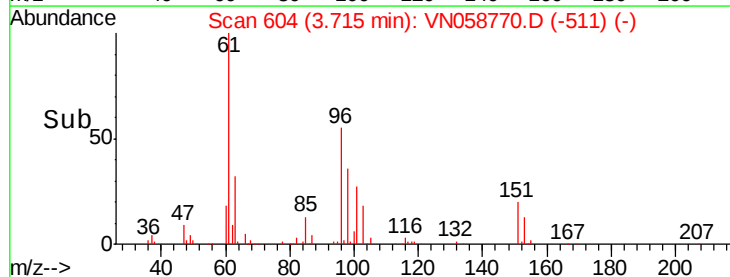
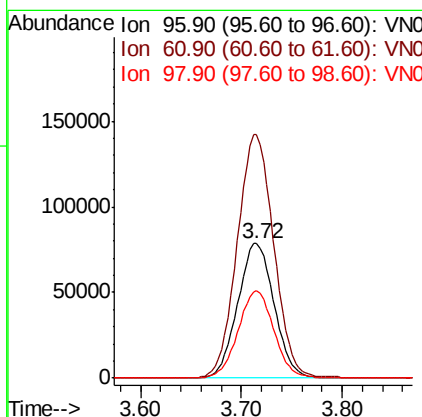
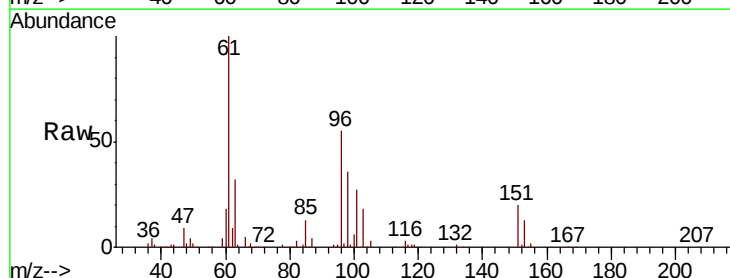
Tot Ion: 59 Resp: 241112
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

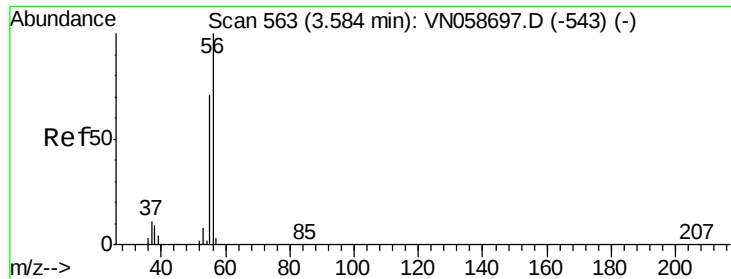


#12

1,1-Dichloroethene
 Concen: 51.133 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Tgt Ion: 96 Resp: 197105
 Ion Ratio Lower Upper
 96 100
 61 180.7 151.3 226.9
 98 65.1 52.6 78.8

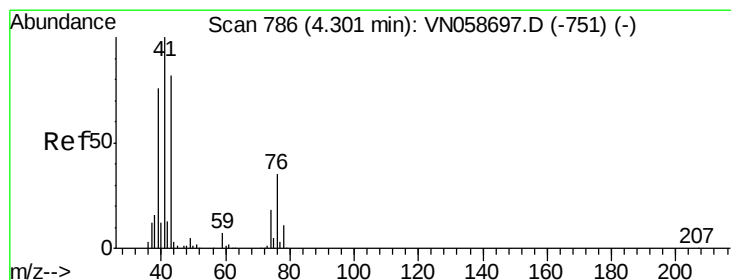
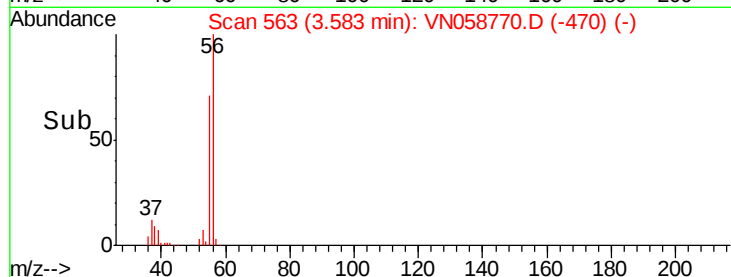
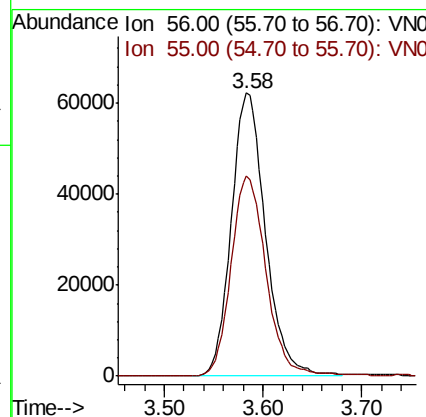
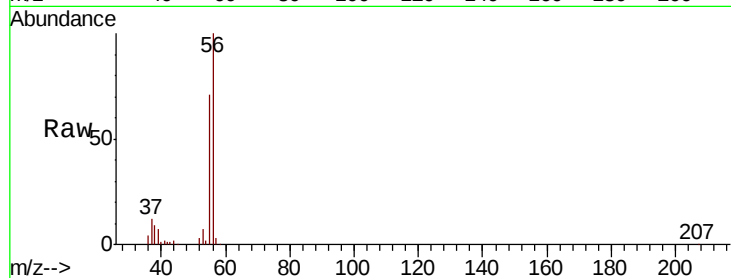




#13
Acrolein
Concen: 205.544 ug/l
RT: 3.58 min Scan# 563
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

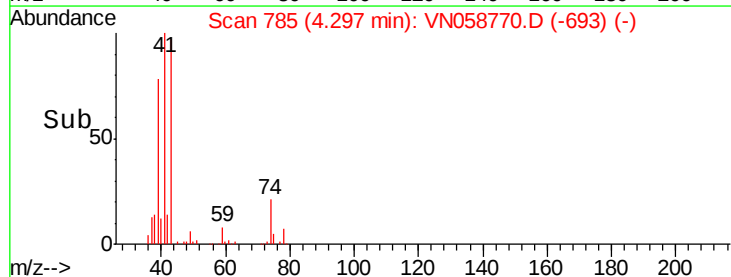
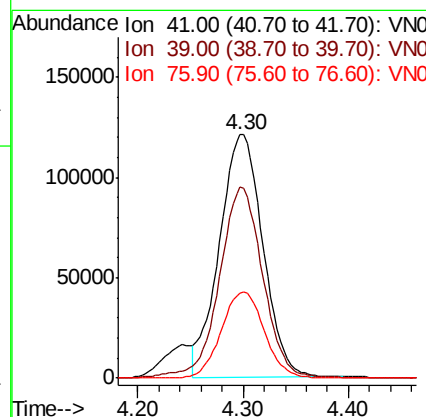
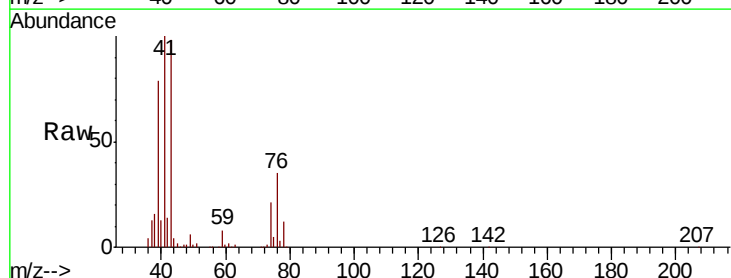
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

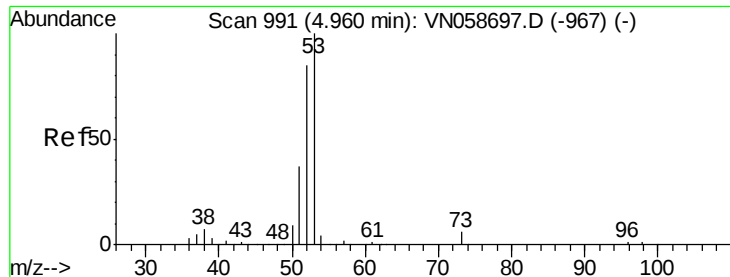
Tot Ion: 56 Resp: 150441
Ion Ratio Lower Upper
56 100
55 72.9 56.7 85.1



#14
Allyl chloride
Concen: 44.536 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 41 Resp: 346445
Ion Ratio Lower Upper
41 100
39 78.8 57.2 85.8
76 35.0 25.0 37.6





#15

Acrylonitrile

Concen: 277.396 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

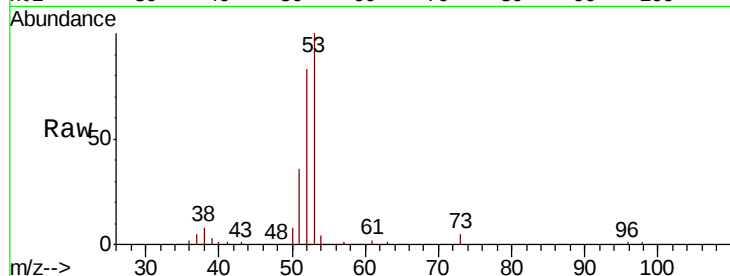
Tot Ion: 53 Resp: 636629

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

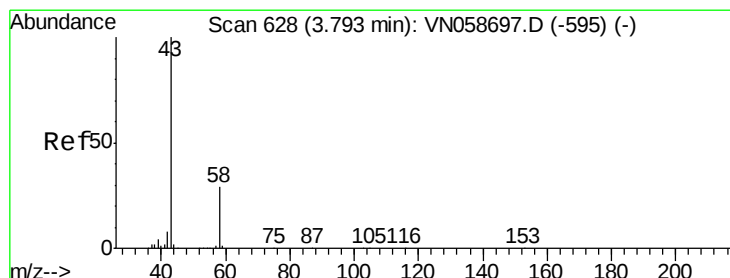
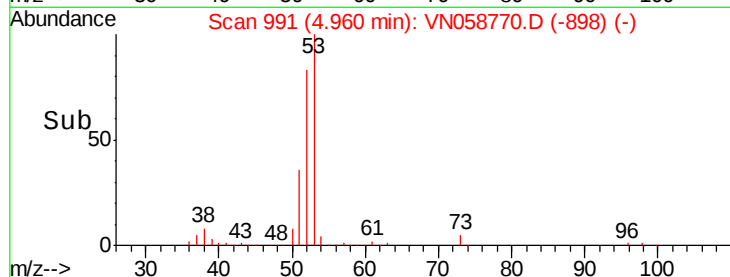
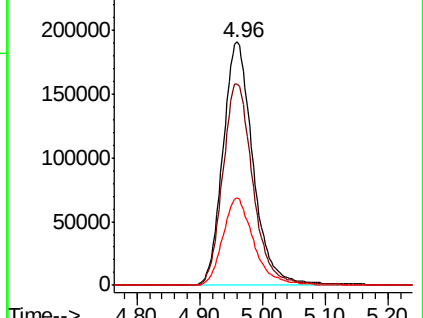
51 37.0 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VN058770.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VN058770.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VN058770.D (-535) (-)



#16

Acetone

Concen: 246.275 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058770.D

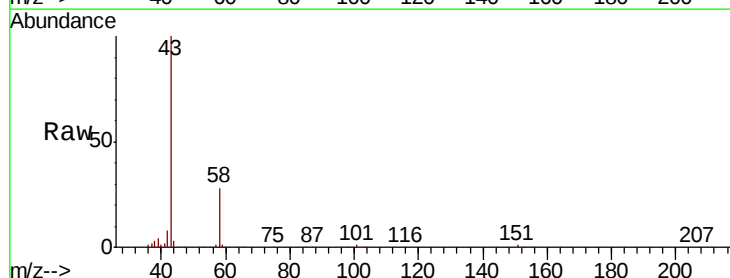
Acq: 14 Oct 2019 23:33

Tgt Ion: 43 Resp: 572925

Ion Ratio Lower Upper

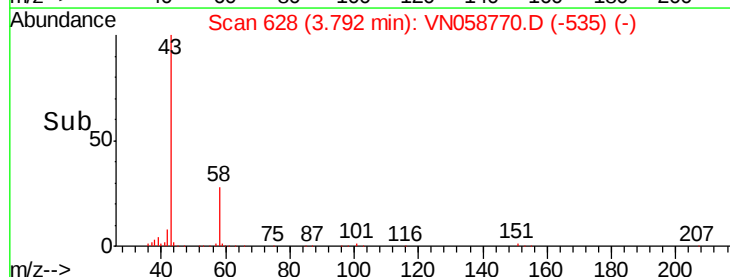
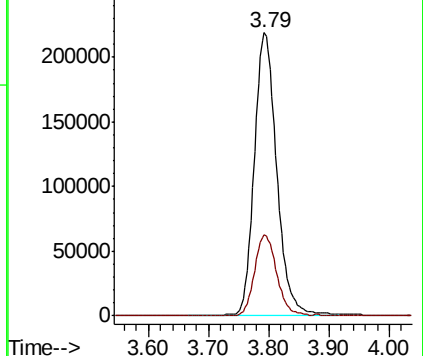
43 100

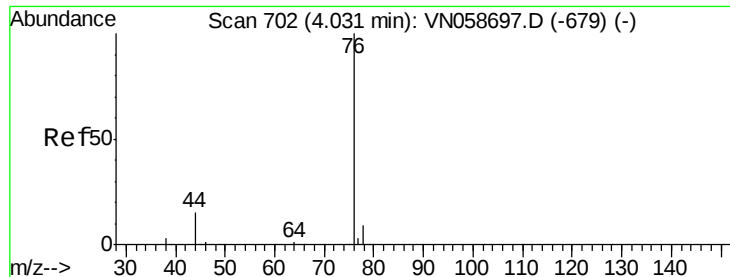
58 28.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN058770.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN058770.D (-535) (-)

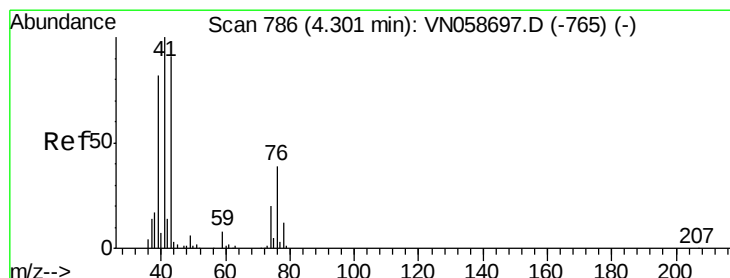
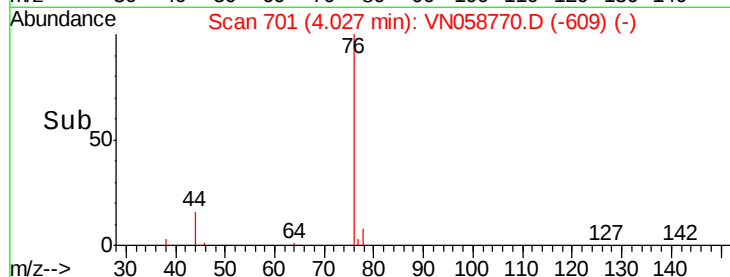
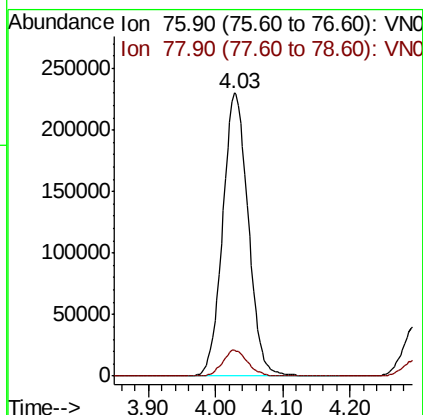
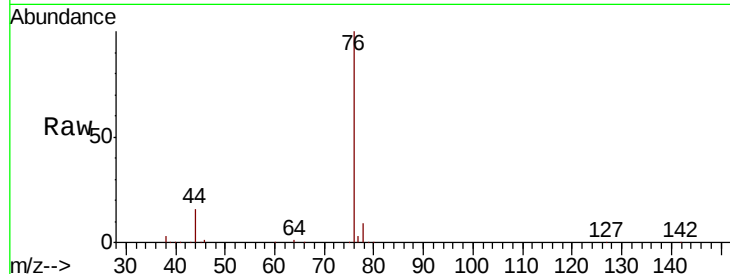




#17
Carbon Disulfide
Concen: 49.233 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

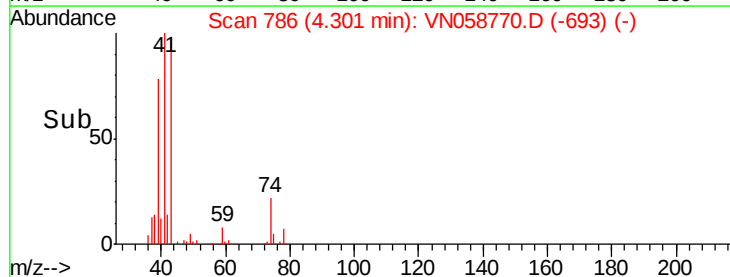
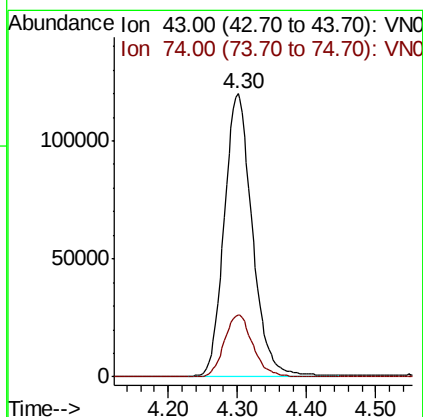
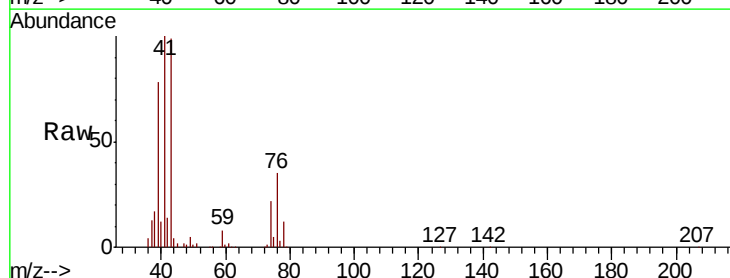
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

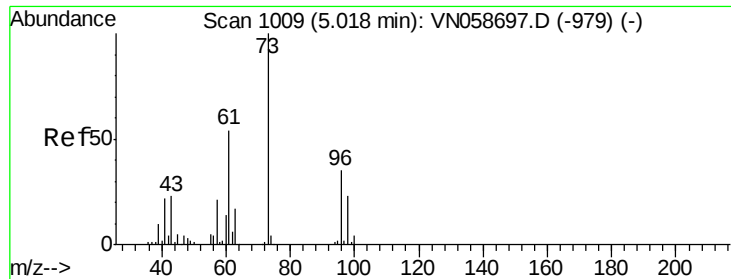
Tot Ion: 76 Resp: 606645
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 57.242 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 43 Resp: 337784
Ion Ratio Lower Upper
43 100
74 22.5 17.2 25.8

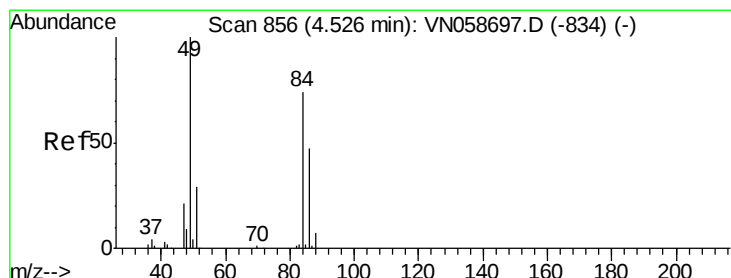
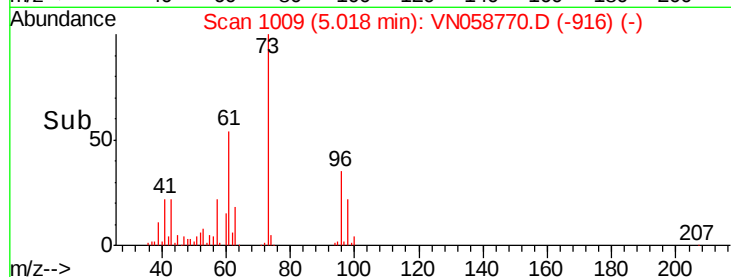
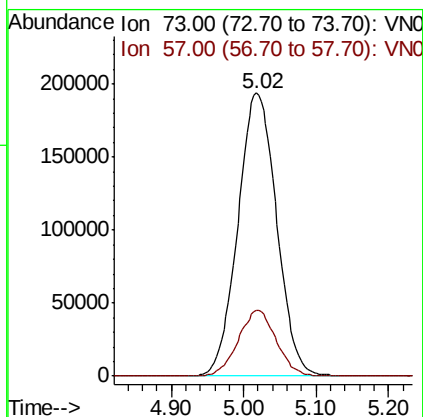
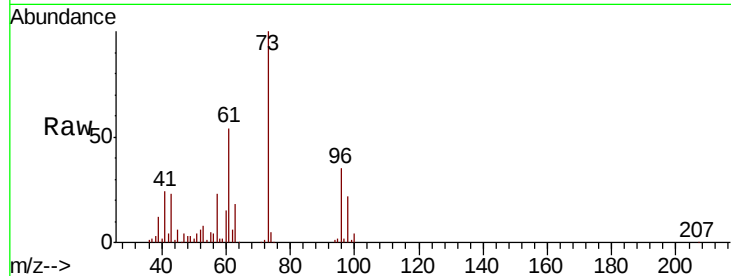




#19
Methyl tert-butyl Ether
Concen: 52.281 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

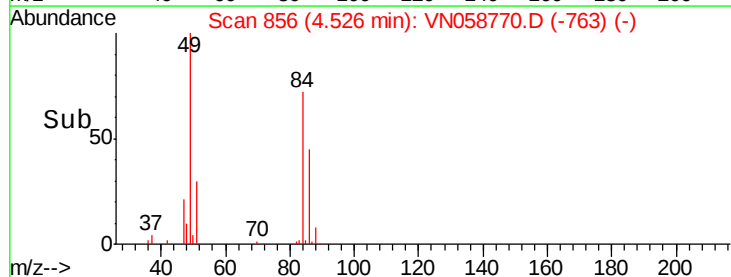
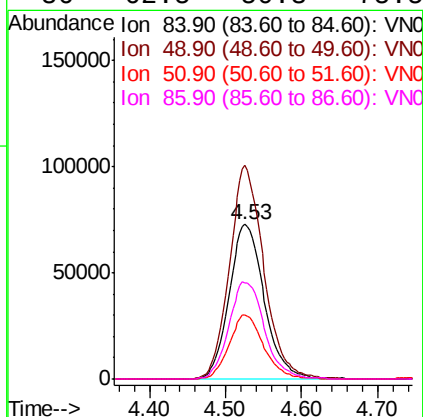
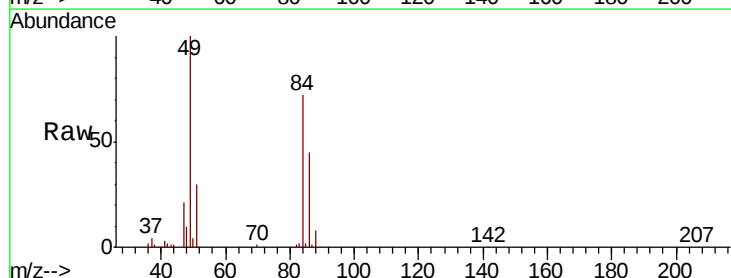
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

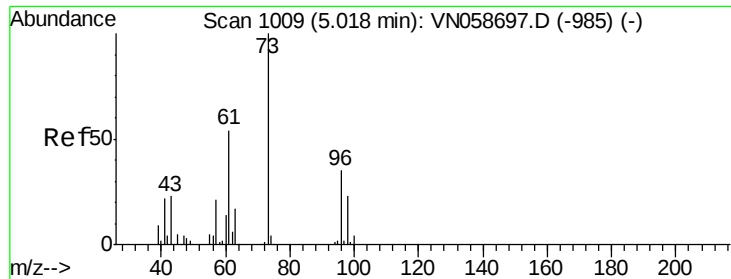
Tot Ion: 73 Resp: 719621
Ion Ratio Lower Upper
73 100
57 23.0 17.0 25.6



#20
Methylene Chloride
Concen: 48.190 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 84 Resp: 234301
Ion Ratio Lower Upper
84 100
49 138.2 107.6 161.4
51 41.2 31.4 47.0
86 62.5 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 49.971 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

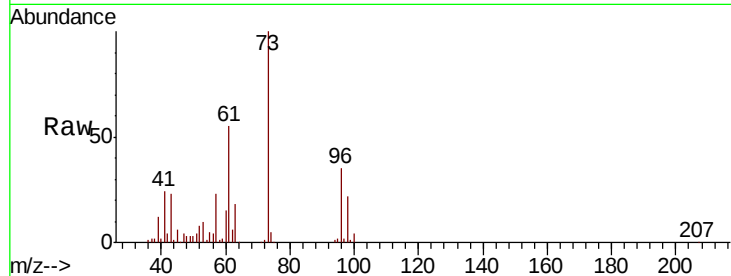
Tot Ion: 96 Resp: 215464

Ion Ratio Lower Upper

96 100

61 156.1 123.6 185.4

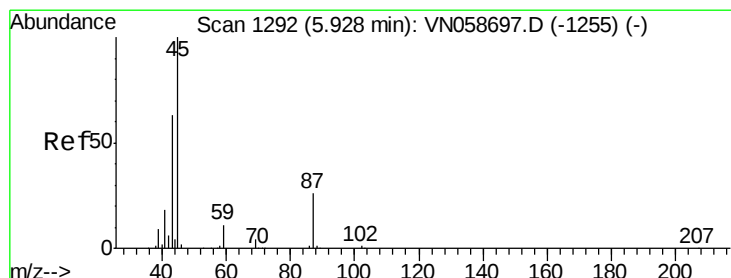
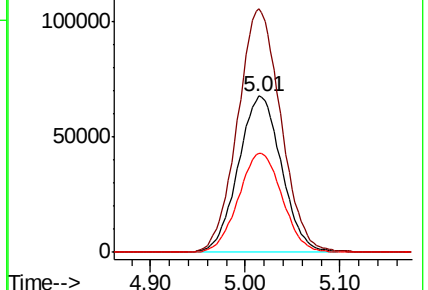
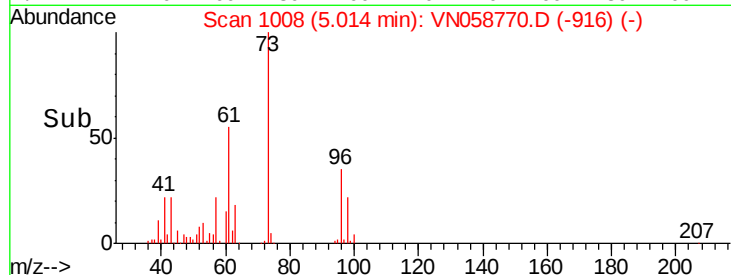
98 63.5 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 52.449 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Tgt Ion: 45 Resp: 793289

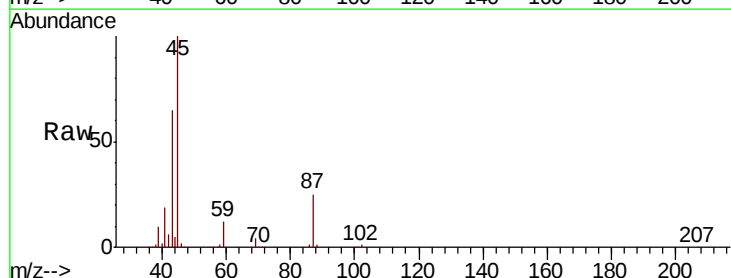
Ion Ratio Lower Upper

45 100

43 64.2 50.6 75.8

87 25.4 21.1 31.7

59 11.9 9.0 13.4

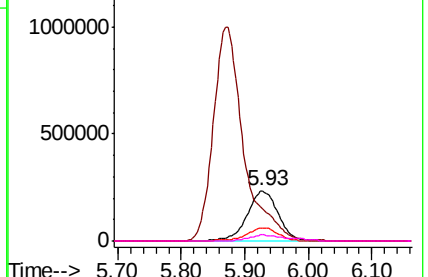
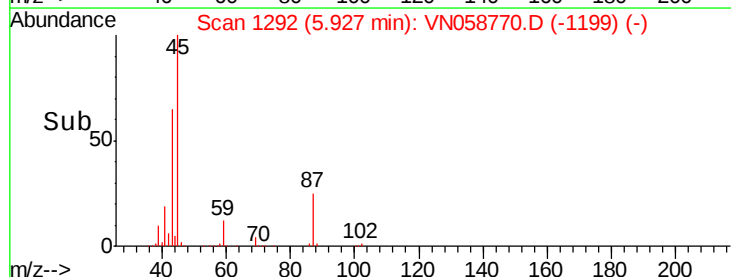


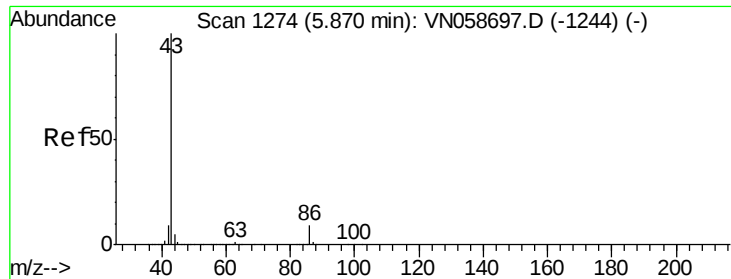
Abundance Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 271.640 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

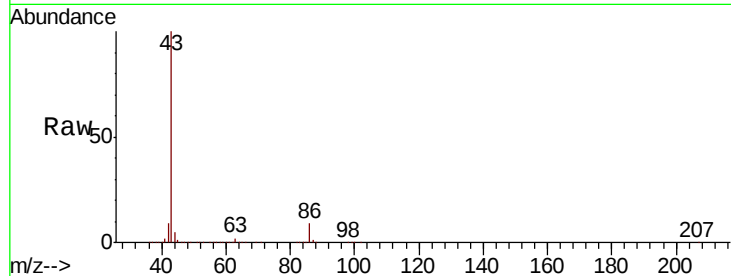
VSTDCCC050EC

Tot Ion: 43 Resp: 3315236

Ion Ratio Lower Upper

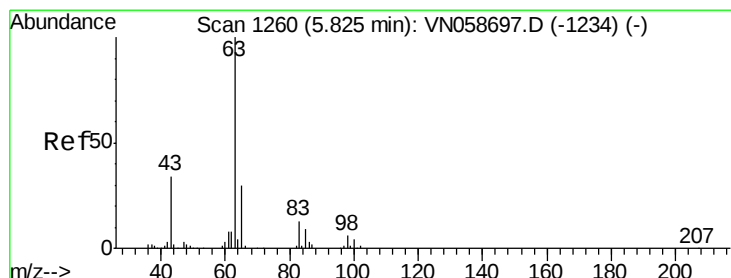
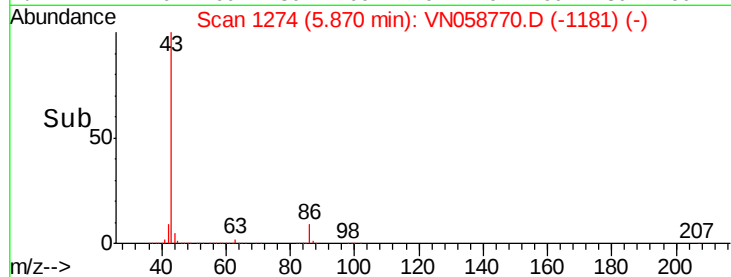
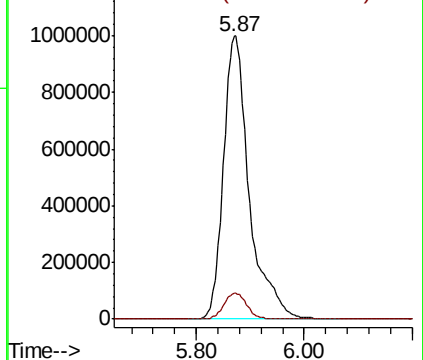
43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 52.219 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

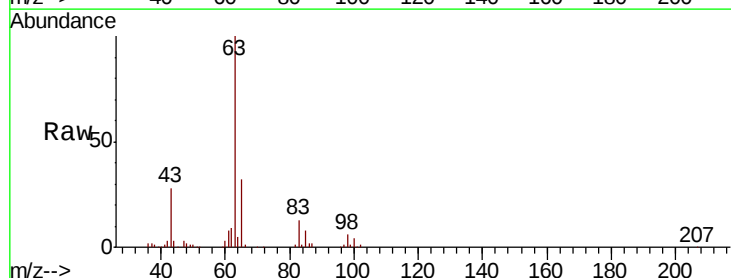
Tgt Ion: 63 Resp: 449825

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.6

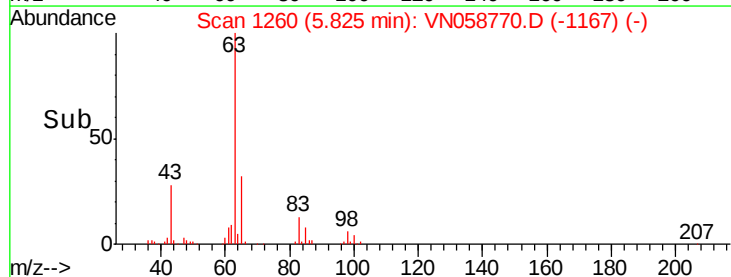
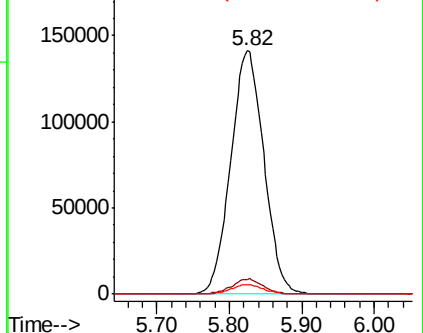
100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 264.709 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

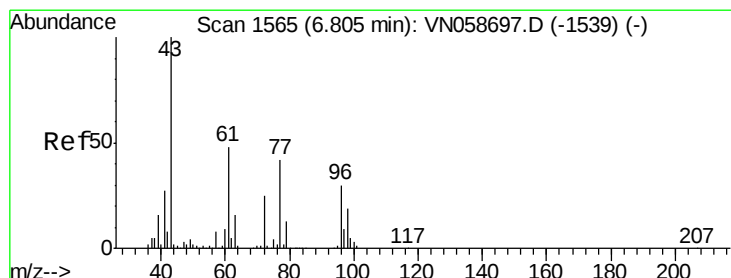
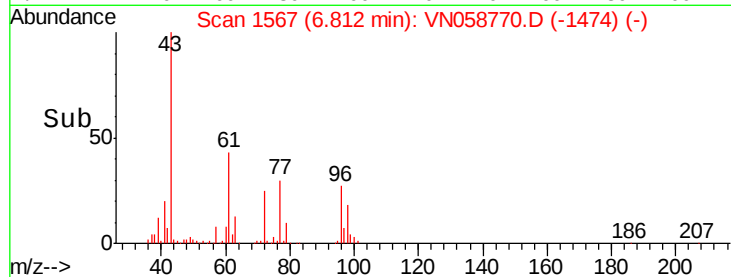
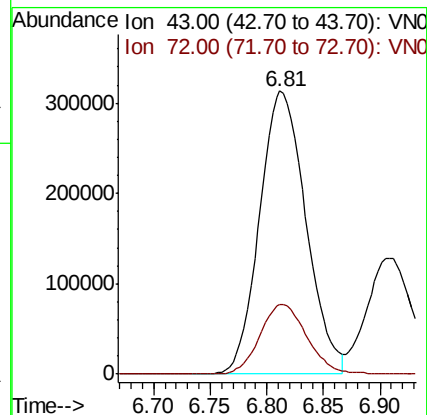
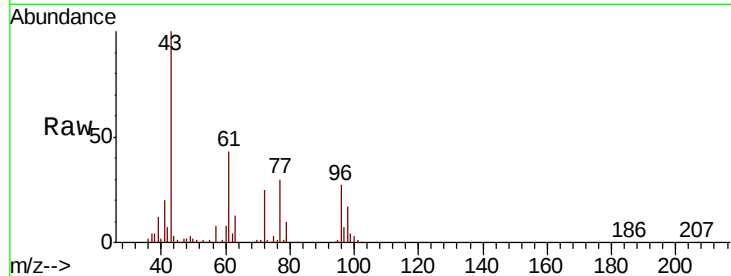
VSTDCCC050EC

Tot Ion: 43 Resp: 890087

Ion Ratio Lower Upper

43 100

72 24.8 20.2 30.2



#26

2,2-Dichloropropane

Concen: 41.034 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058770.D

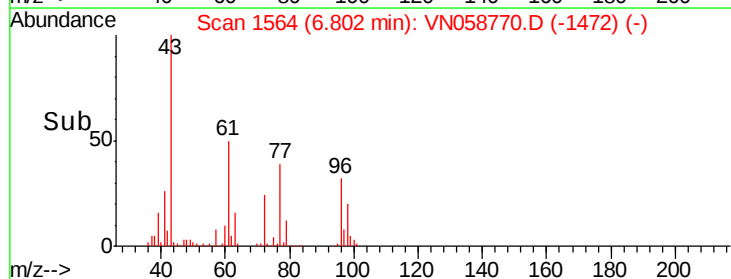
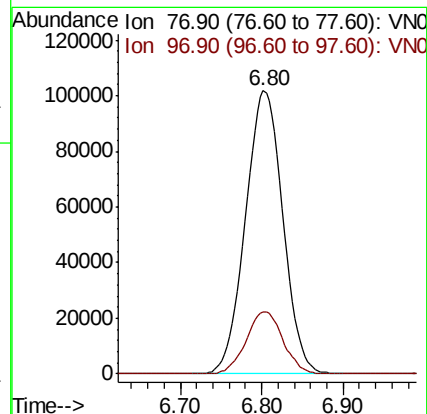
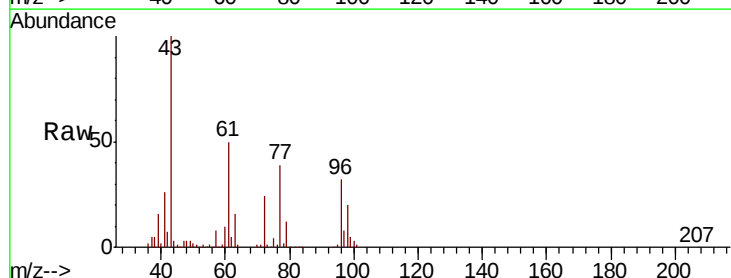
Acq: 14 Oct 2019 23:33

Tgt Ion: 77 Resp: 322667

Ion Ratio Lower Upper

77 100

97 21.6 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 50.218 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

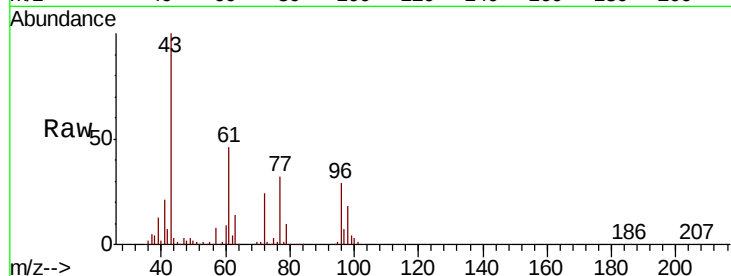
Tot Ion: 96 Resp: 252501

Ion Ratio Lower Upper

96 100

61 158.0 0.0 324.8

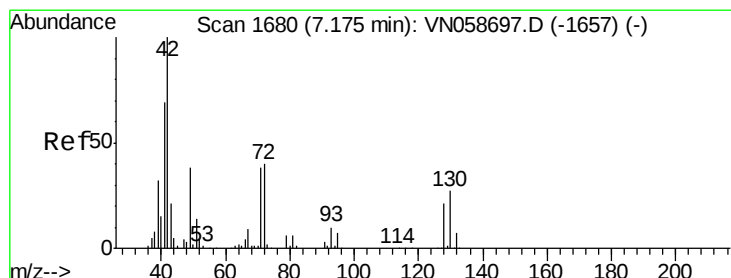
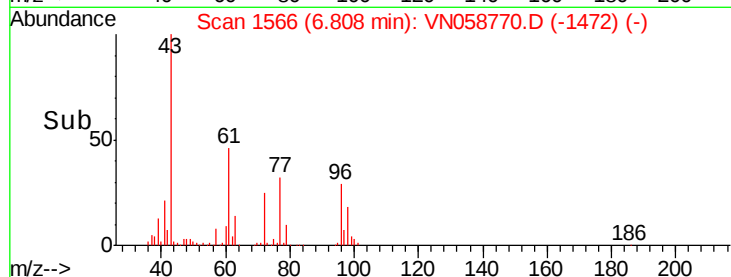
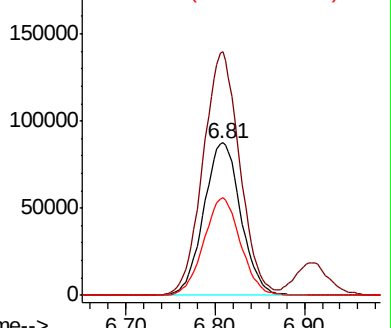
98 63.4 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN058770.D (-1472) (-)

Ion 60.90 (60.60 to 61.60): VN058770.D (-1472) (-)

Ion 97.90 (97.60 to 98.60): VN058770.D (-1472) (-)



#28

Bromochloromethane

Concen: 51.679 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

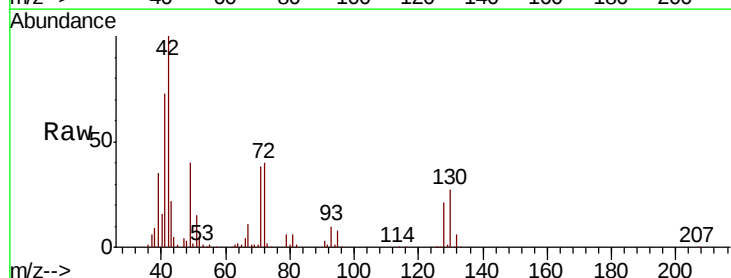
Tgt Ion: 49 Resp: 154874

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

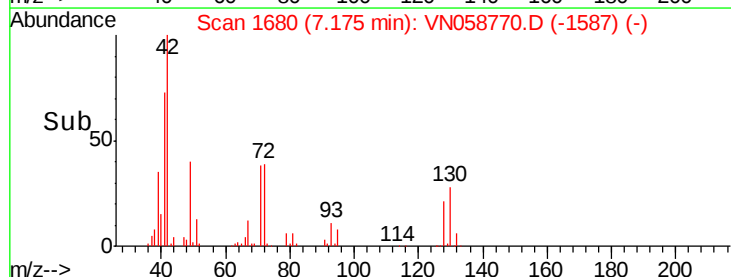
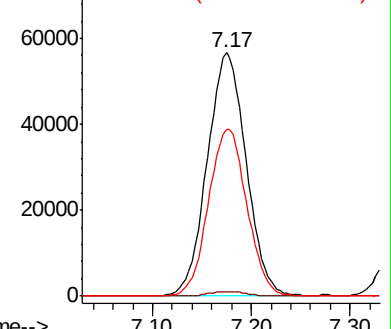
130 67.8 55.0 82.4

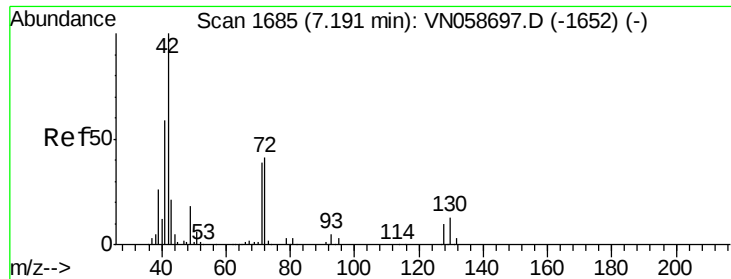


Abundance Ion 48.90 (48.60 to 49.60): VN058770.D (-1587) (-)

Ion 128.80 (128.50 to 129.50): VN058770.D (-1587) (-)

Ion 129.80 (129.50 to 130.50): VN058770.D (-1587) (-)

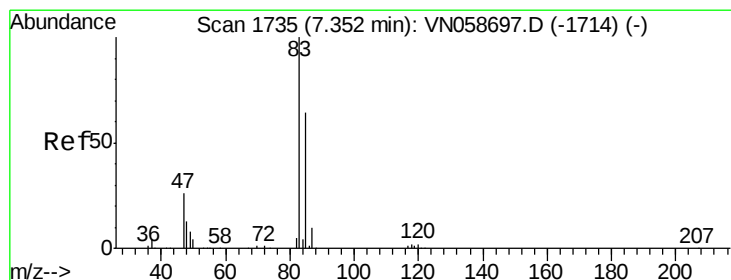
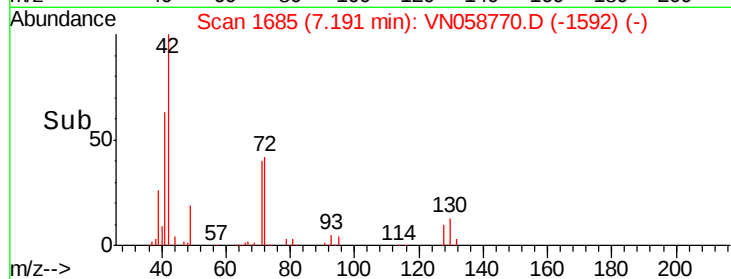
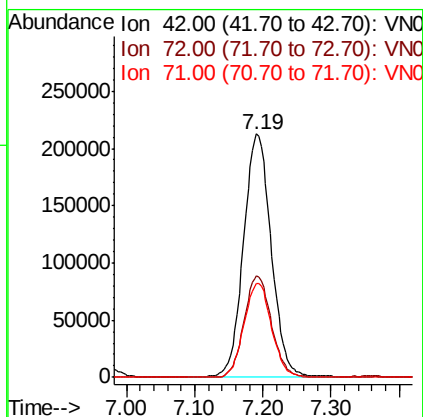
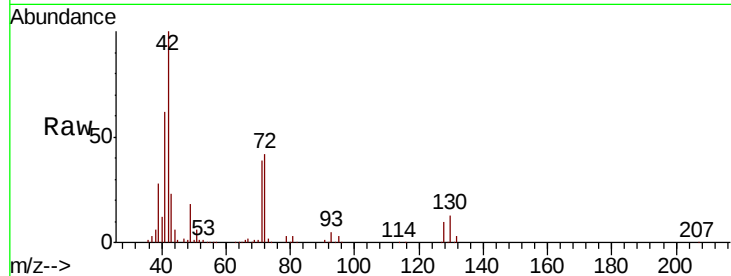




#29
Tetrahydrofuran
Concen: 275.964 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

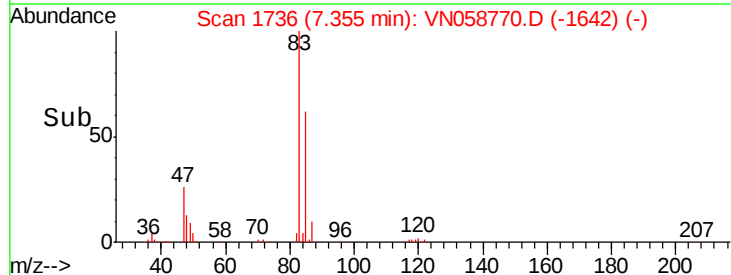
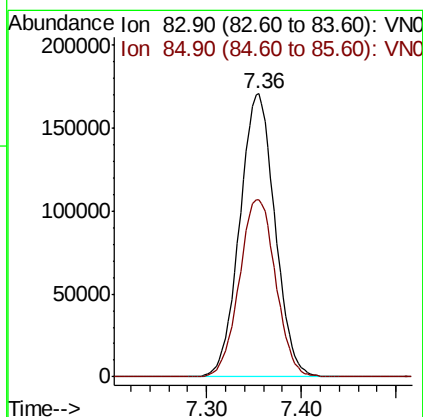
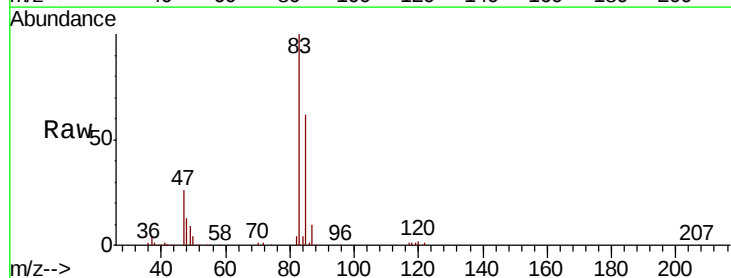
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

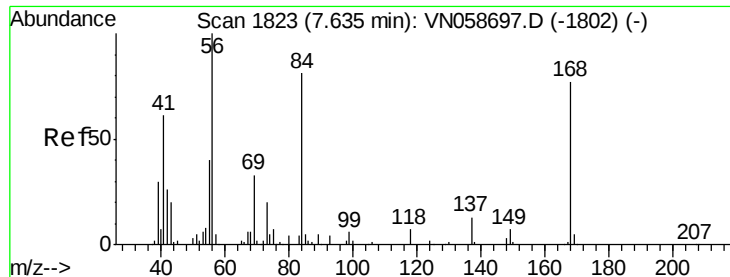
Tot Ion: 42 Resp: 599660
Ion Ratio Lower Upper
42 100
72 40.9 32.8 49.2
71 38.4 31.1 46.7



#30
Chloroform
Concen: 51.008 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 83 Resp: 441460
Ion Ratio Lower Upper
83 100
85 62.4 51.0 76.6





#31

Cyclohexane

Concen: 49.050 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

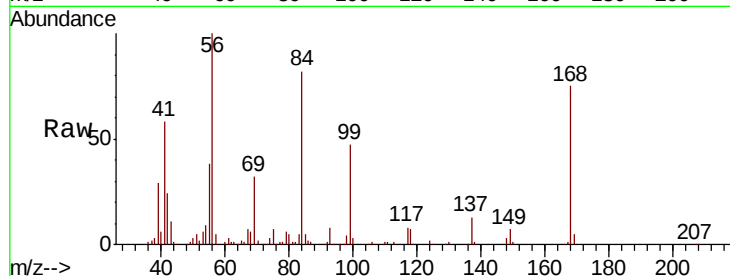
Tot Ion: 56 Resp: 404286

Ion Ratio Lower Upper

56 100

69 32.4 26.2 39.4

84 80.7 64.9 97.3

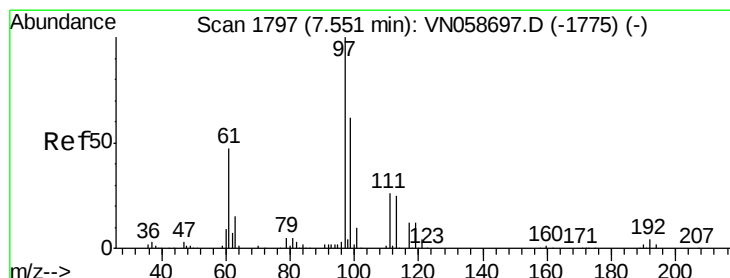
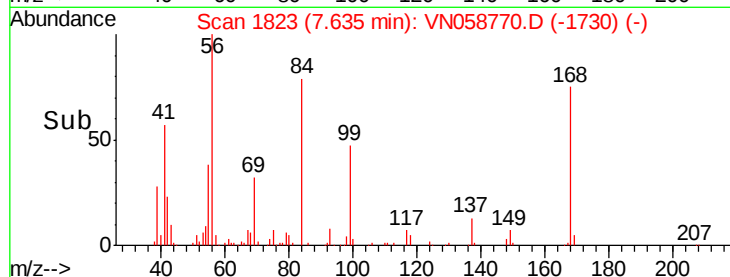
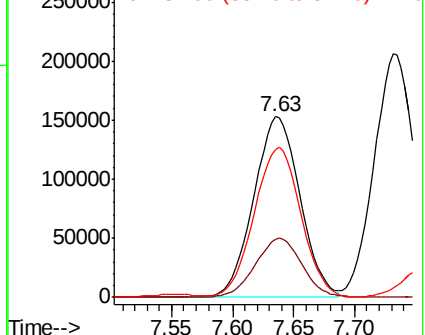


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 52.261 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

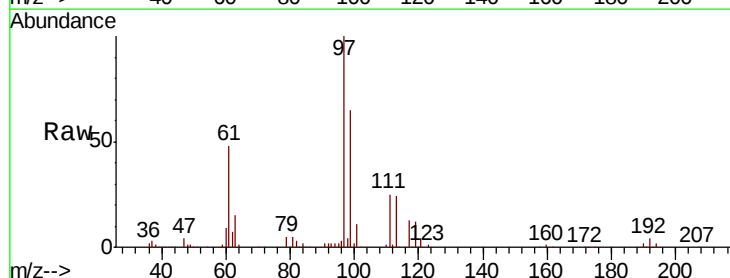
Tgt Ion: 97 Resp: 385739

Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 48.1 38.1 57.1

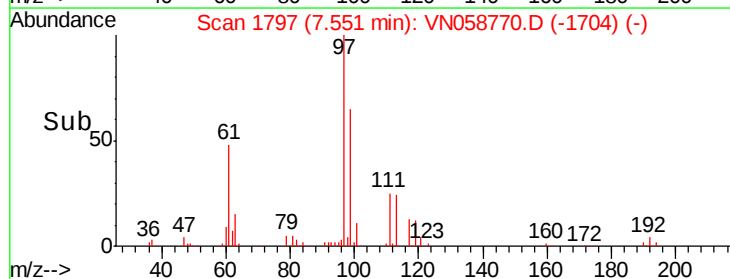
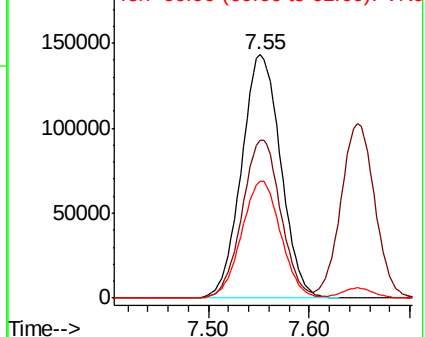


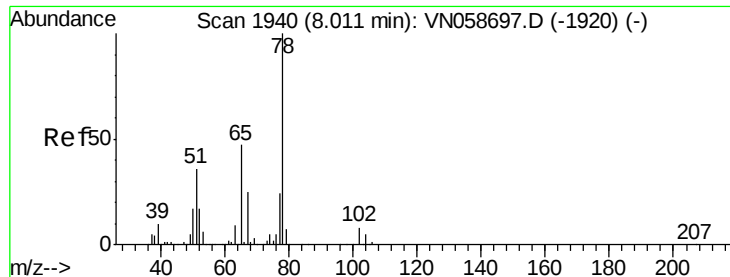
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

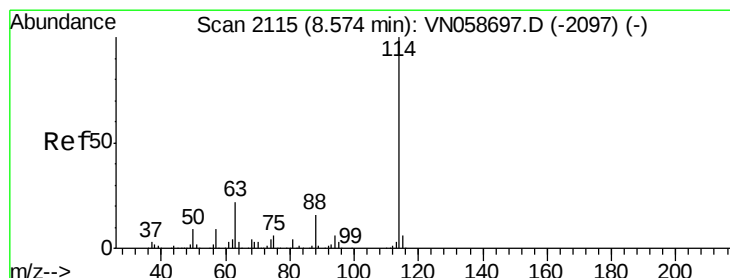
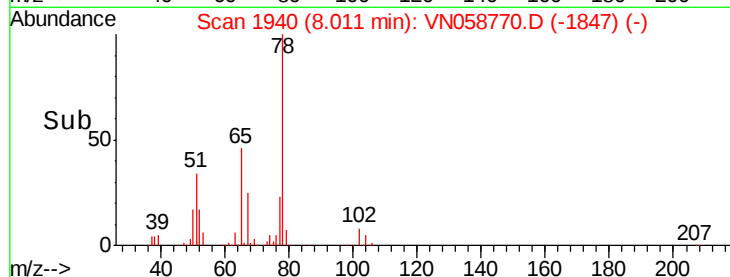
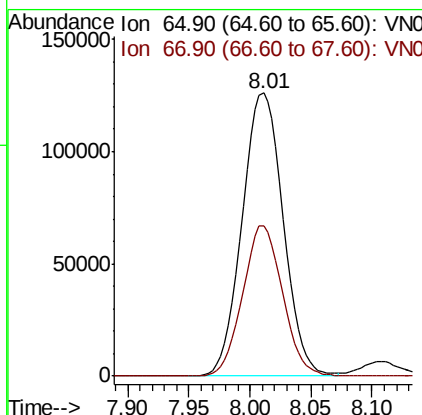
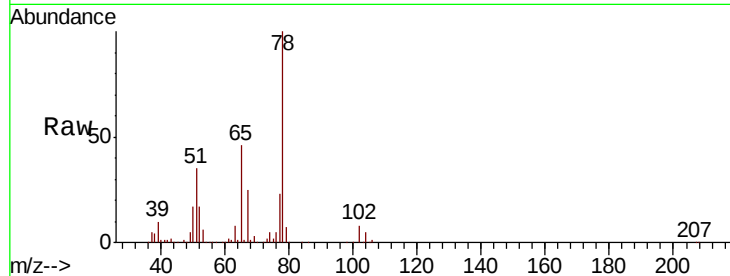




#33
 1,2-Dichloroethane-d4
 Concen: 52.371 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

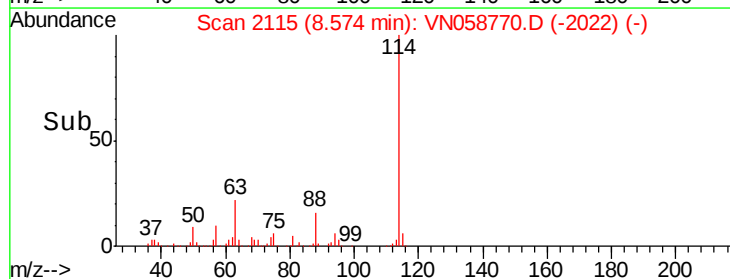
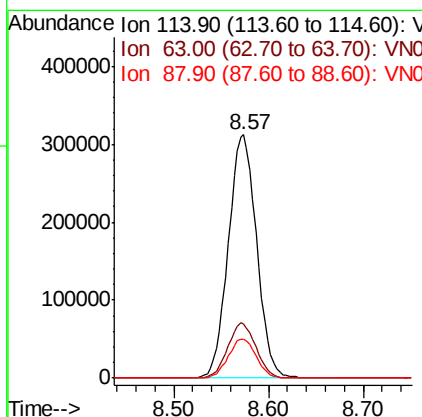
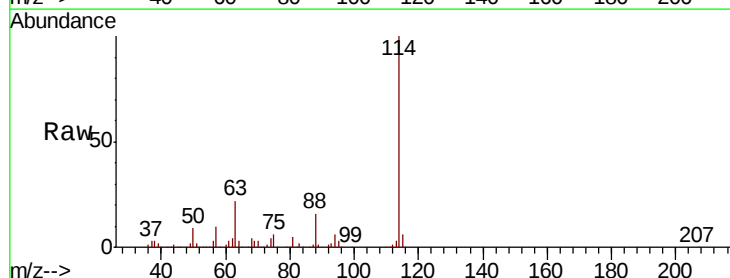
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

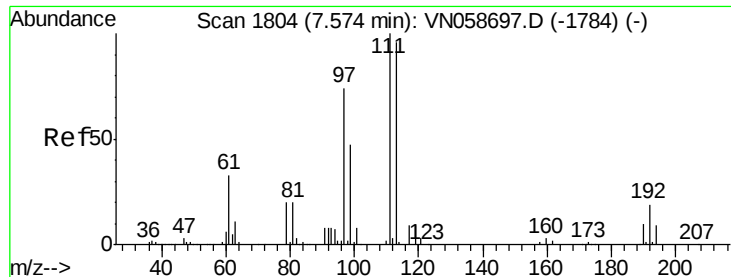
Tot Ion: 65 Resp: 294288
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Tgt Ion: 114 Resp: 648372
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.8
 88 16.2 0.0 32.0

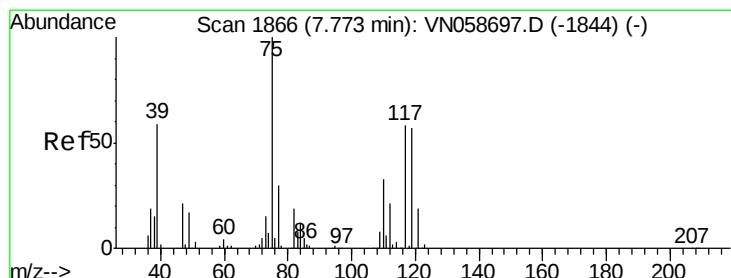
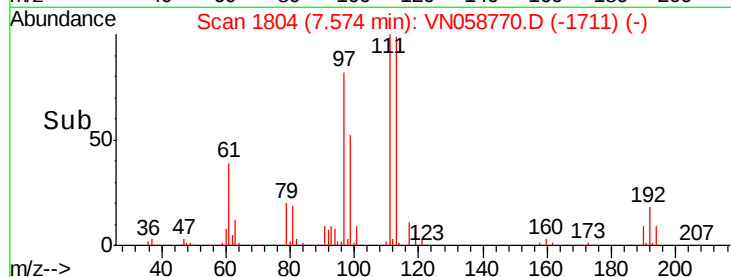
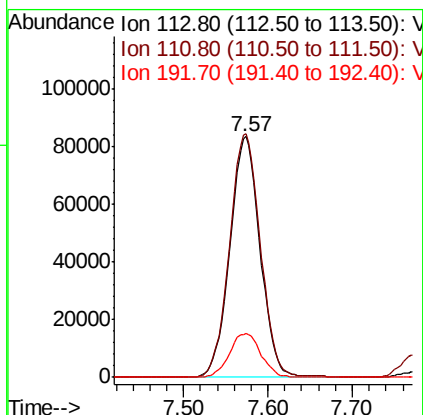
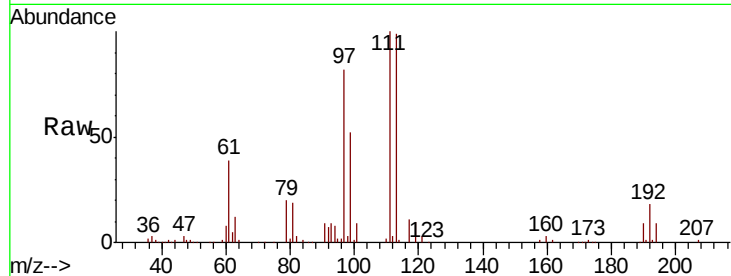




#35
 Dibromofluoromethane
 Concen: 52.030 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

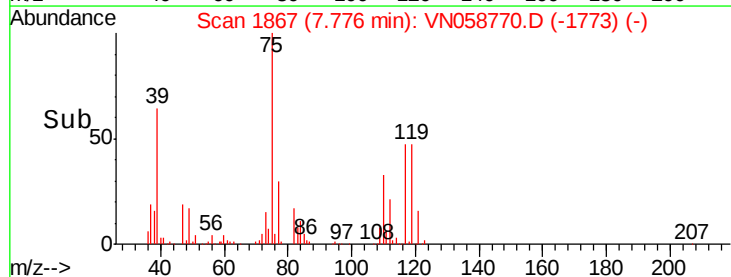
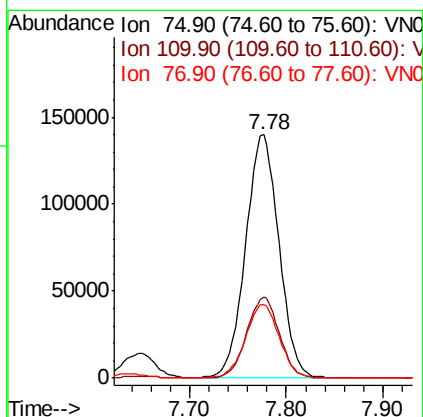
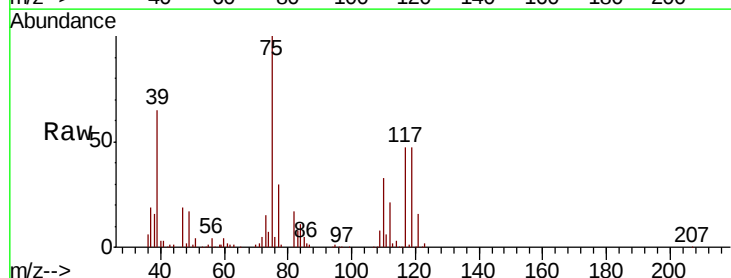
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

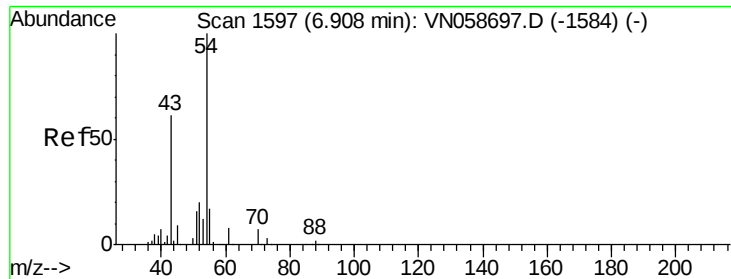
Tot Ion:113 Resp: 208371
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.3 123.5
 192 18.9 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 51.024 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Tgt Ion: 75 Resp: 334489
 Ion Ratio Lower Upper
 75 100
 110 32.6 16.6 49.8
 77 30.8 24.6 37.0

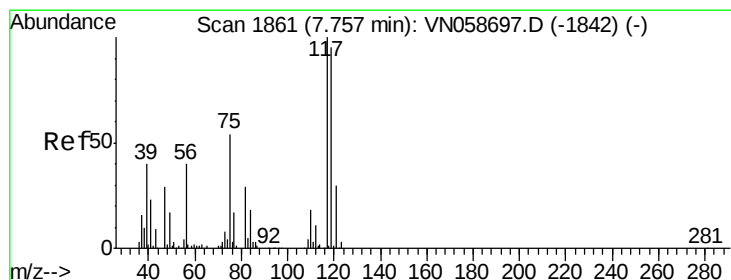
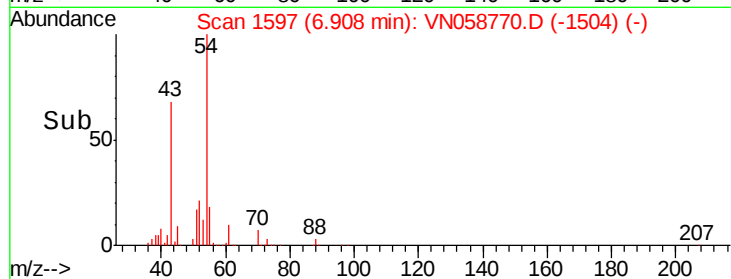
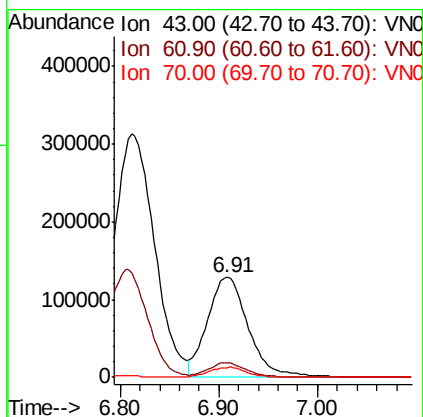
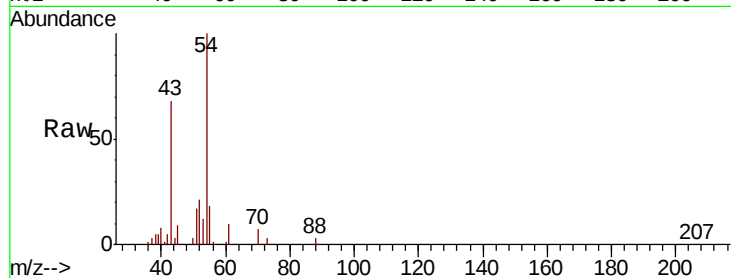




#37
Ethyl Acetate
Concen: 55.326 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

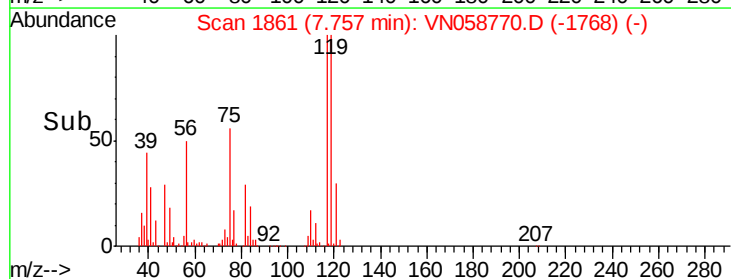
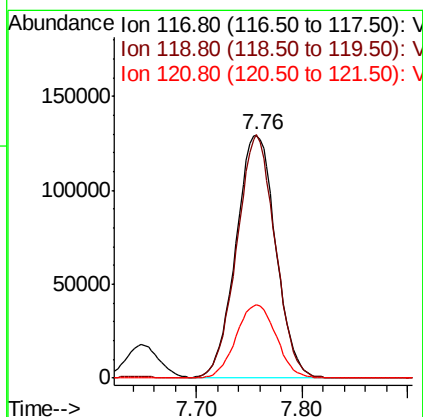
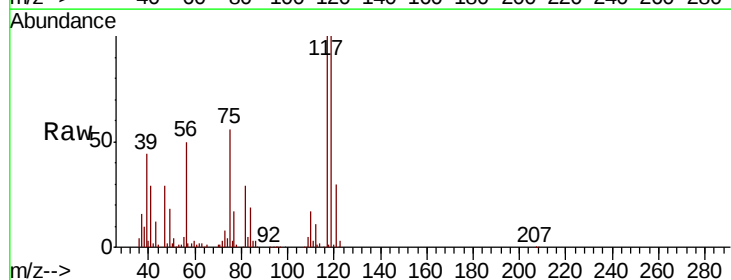
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

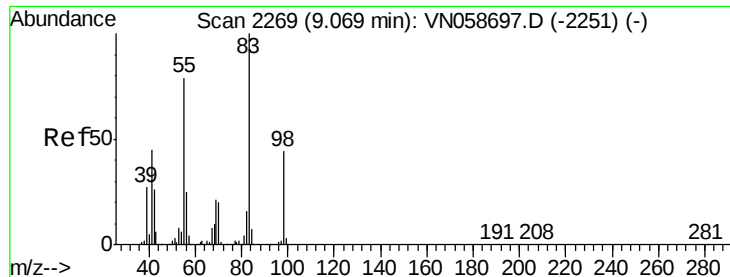
Tot Ion: 43 Resp: 366800
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 9.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 53.193 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 117 Resp: 339851
Ion Ratio Lower Upper
117 100
119 100.3 75.7 113.5
121 30.4 23.9 35.9

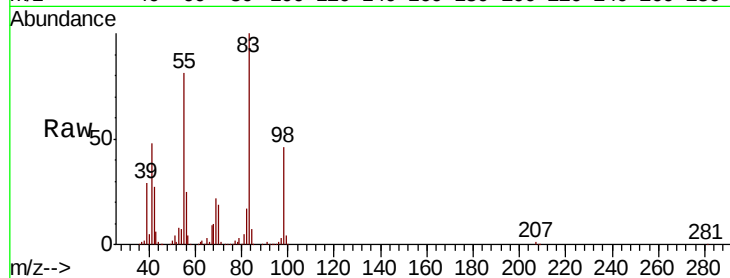




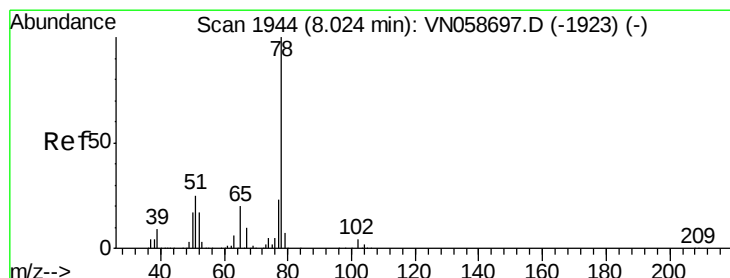
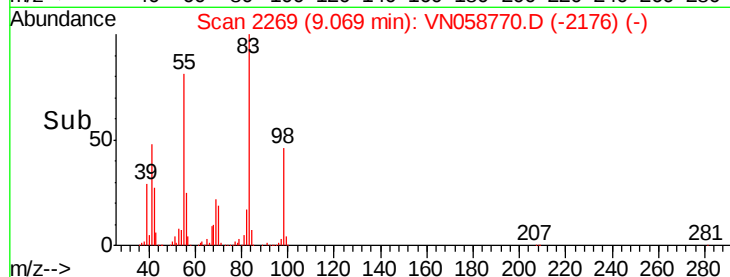
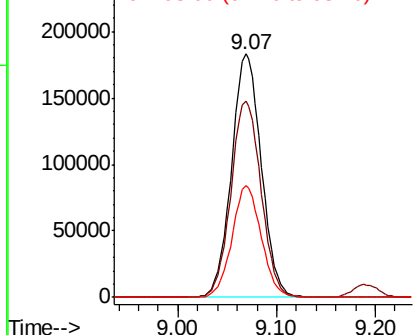
#39
Methvlcvclohexane
Concen: 50.471 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 383926
Ion Ratio Lower Upper
83 100
55 80.9 63.4 95.0
98 45.9 35.1 52.7

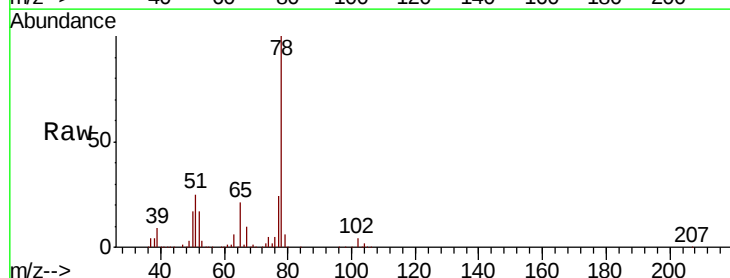


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

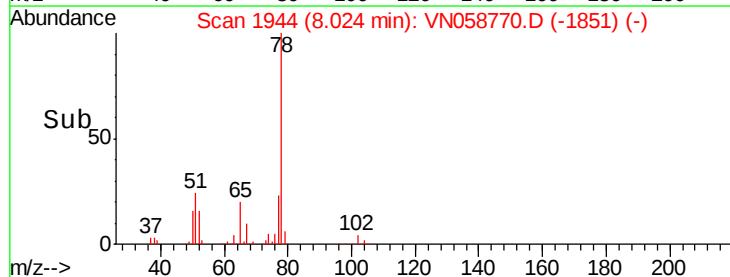
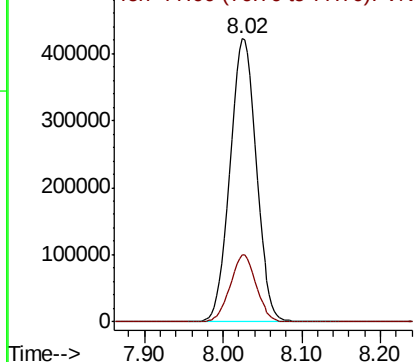


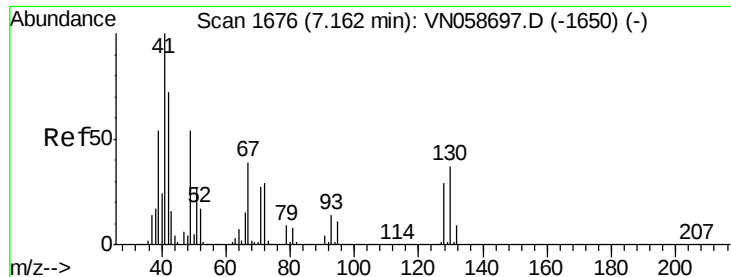
#40
Benzene
Concen: 52.104 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 78 Resp: 980987
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VNO
Ion 77.00 (76.70 to 77.70): VNO

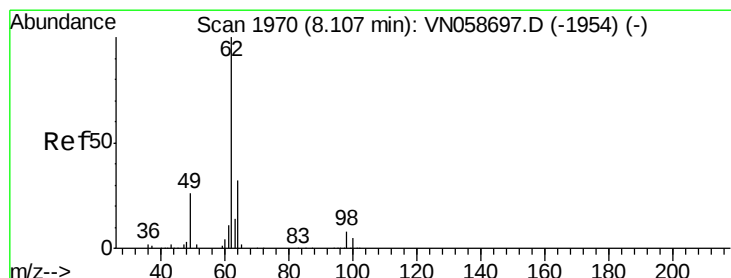
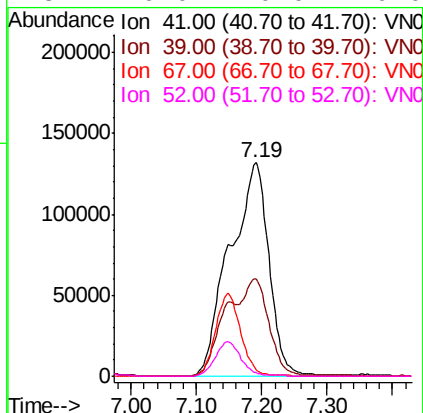
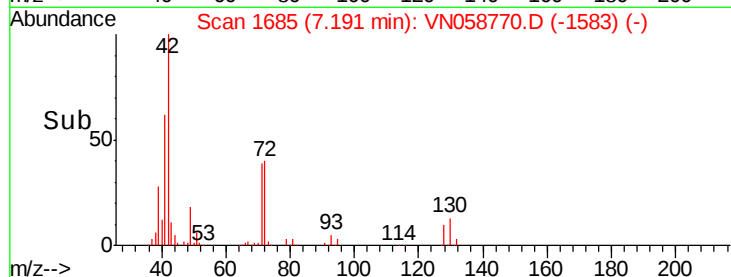
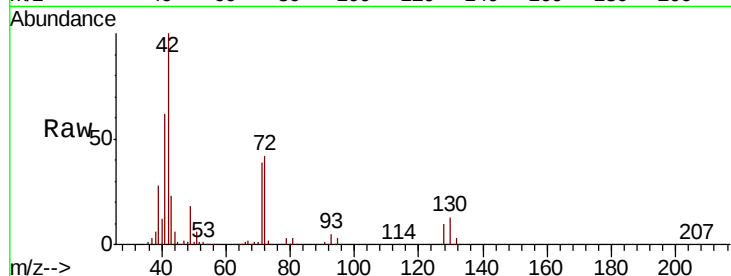




#41
Methacrylonitrile
Concen: 176.077 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.03 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

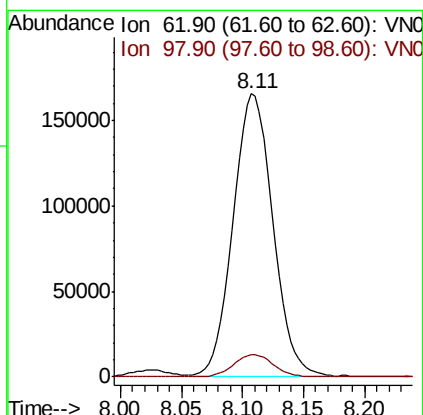
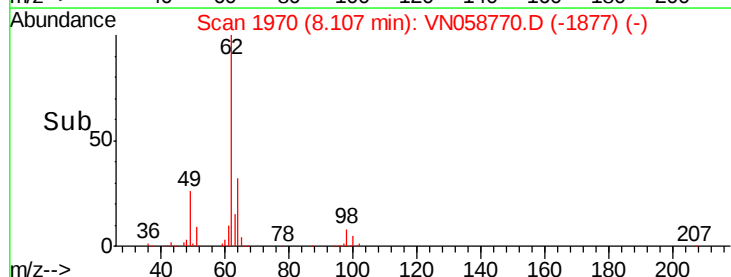
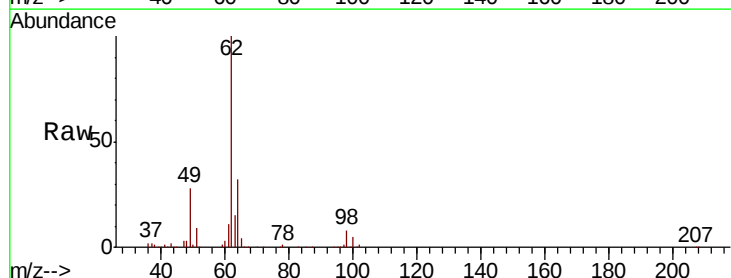
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot 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



#42
1,2-Dichloroethane
Concen: 51.492 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8



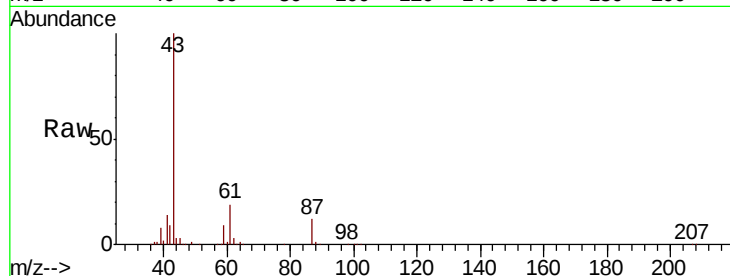


#43

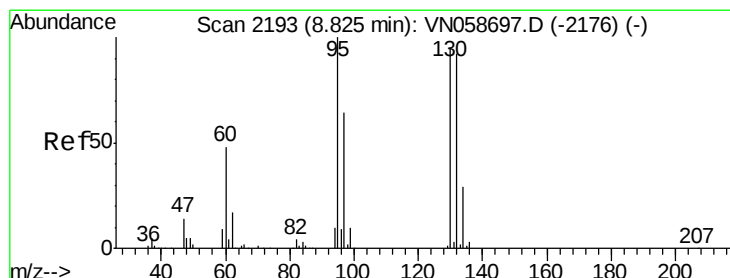
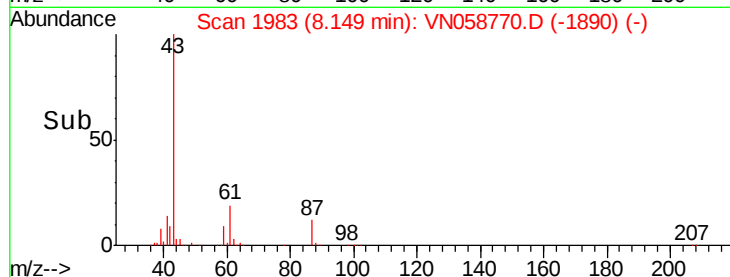
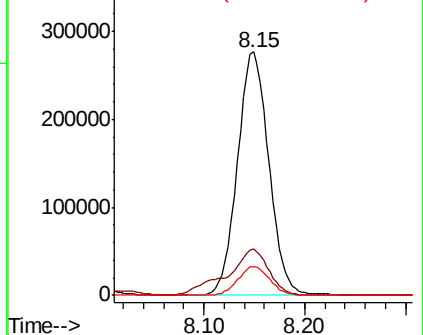
Isopropyl Acetate
 Concen: 52.690 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 595092
 Ion Ratio Lower Upper
 43 100
 61 25.0 20.3 30.5
 87 11.9 9.8 14.6



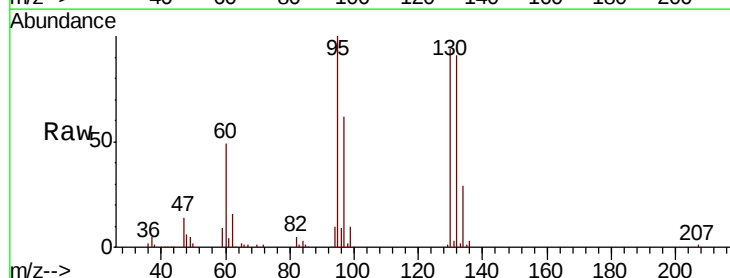
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



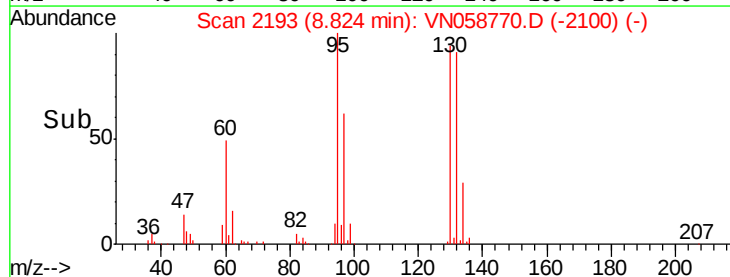
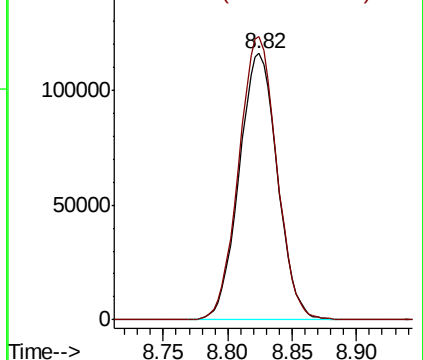
#44

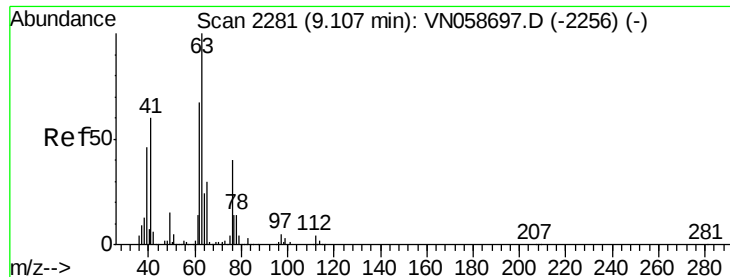
Trichloroethene
 Concen: 51.248 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Tgt Ion: 130 Resp: 239605
 Ion Ratio Lower Upper
 130 100
 95 106.2 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

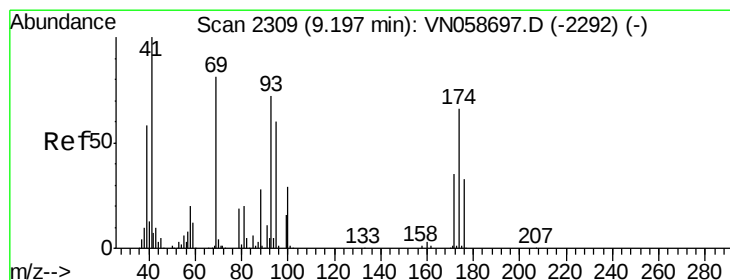
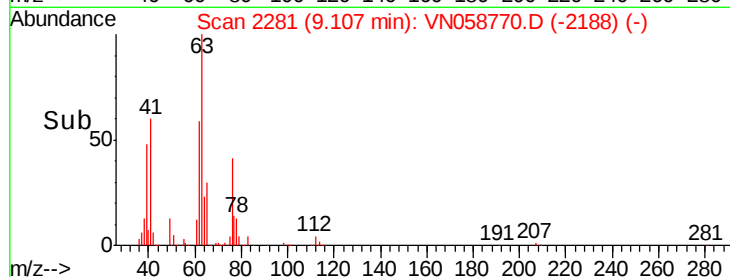
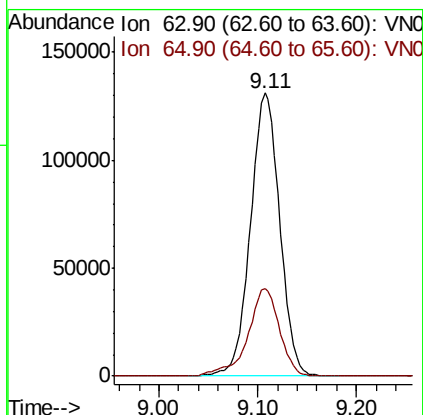
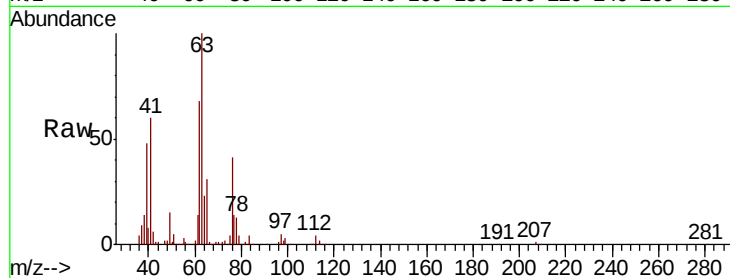




#45
 1,2-Dichloropropane
 Concen: 53.163 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

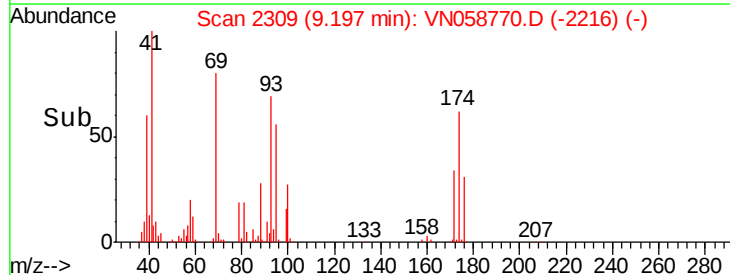
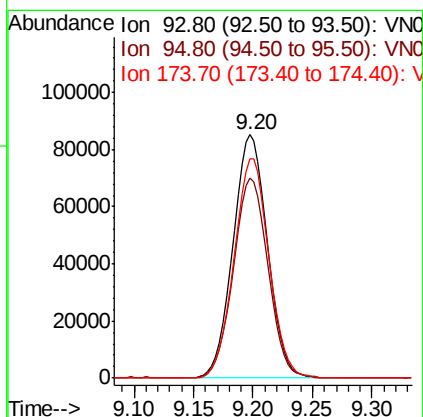
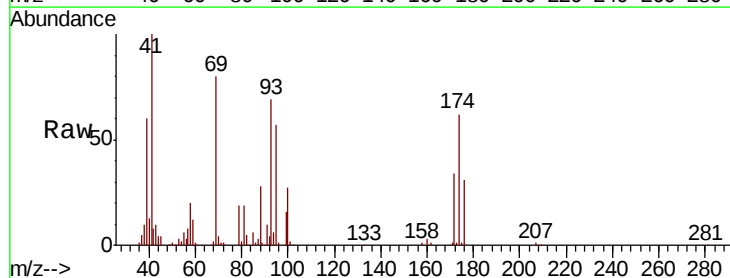
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

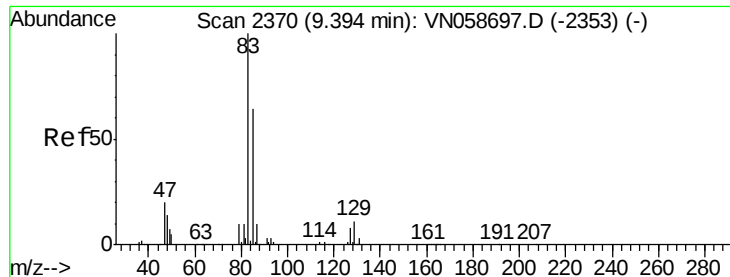
Tot Ion: 63 Resp: 267948
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.1 36.1



#46
 Dibromomethane
 Concen: 53.599 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Tgt Ion: 93 Resp: 171275
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 100.0
 174 91.3 75.2 112.8





#47

Bromodichloromethane

Concen: 54.023 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

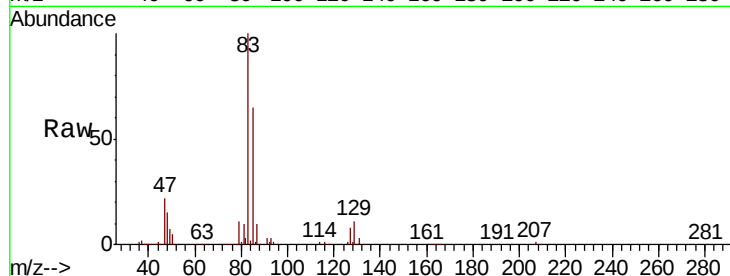
Tot Ion: 83 Resp: 351532

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3

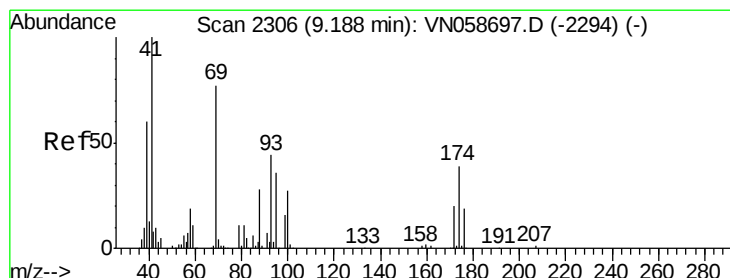
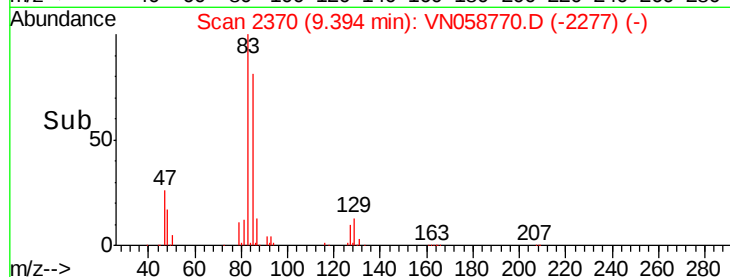
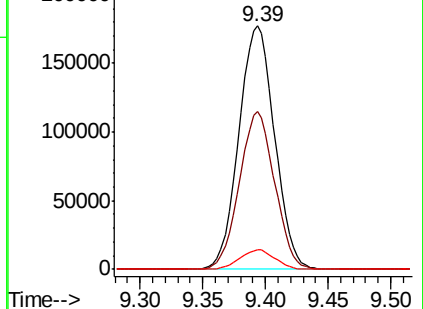
127 7.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN058770.D (-2277) (-)

Ion 84.90 (84.60 to 85.60): VN058770.D (-2277) (-)

Ion 126.80 (126.50 to 127.50): VN058770.D (-2277) (-)



#48

Methyl methacrylate

Concen: 54.791 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

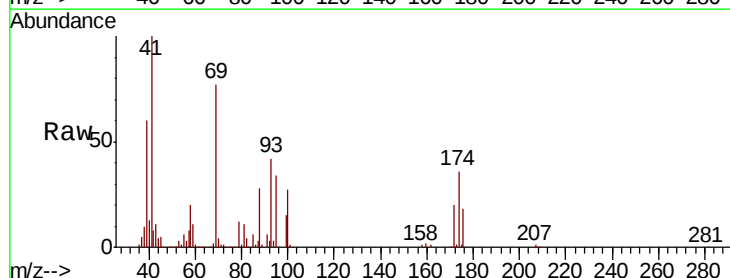
Tgt Ion: 41 Resp: 280505

Ion Ratio Lower Upper

41 100

69 80.3 63.4 95.2

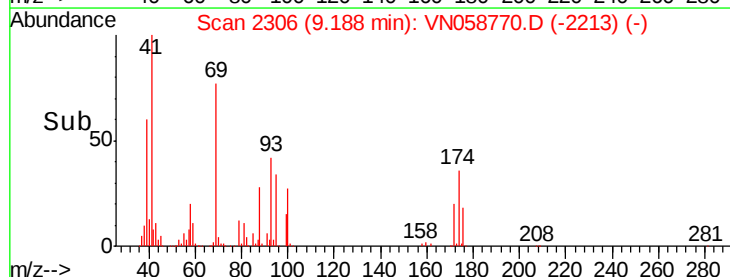
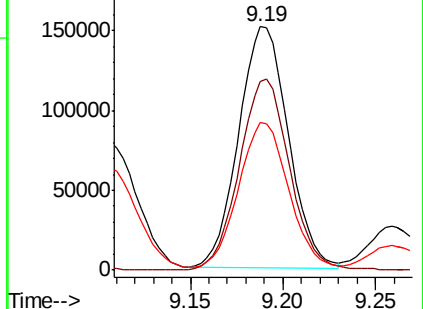
39 62.4 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VN058770.D (-2213) (-)

Ion 69.00 (68.70 to 69.70): VN058770.D (-2213) (-)

Ion 39.00 (38.70 to 39.70): VN058770.D (-2213) (-)





#49

1,4-Dioxane

Concen: 1098.334 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

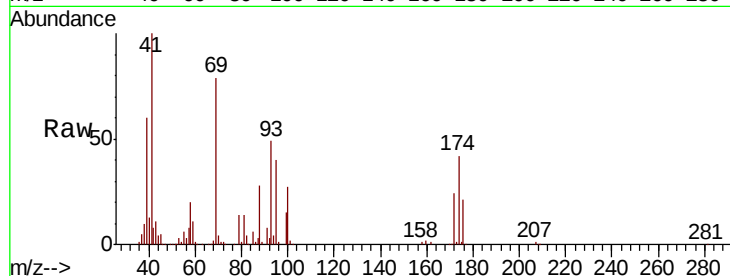
Tot Ion: 88 Resp: 86990

Ion Ratio Lower Upper

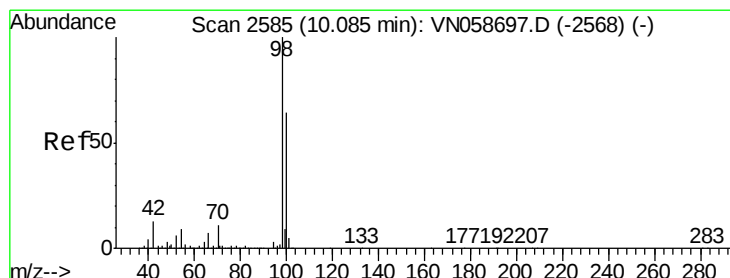
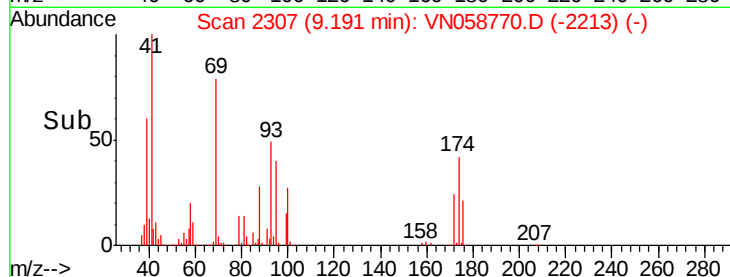
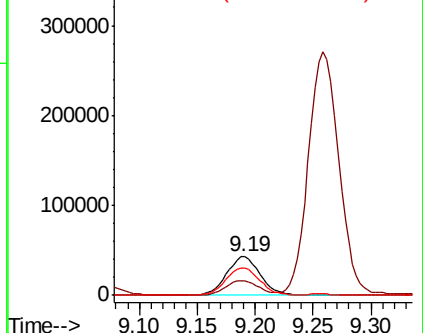
88 100

43 37.6 28.6 43.0

58 72.0 57.2 85.8



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



#50

Toluene-d8

Concen: 51.101 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058770.D

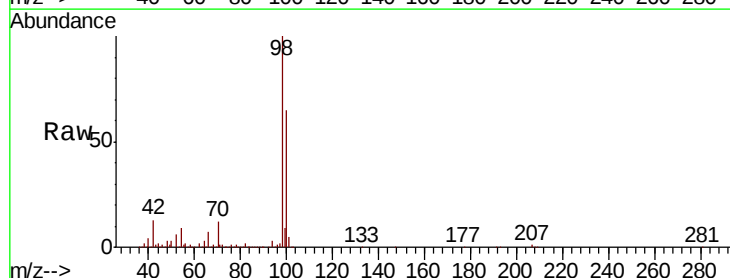
Acq: 14 Oct 2019 23:33

Tgt Ion: 98 Resp: 818376

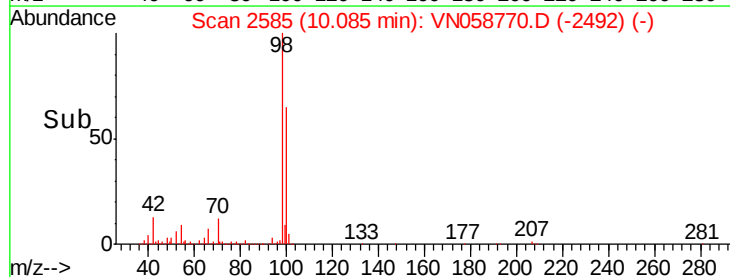
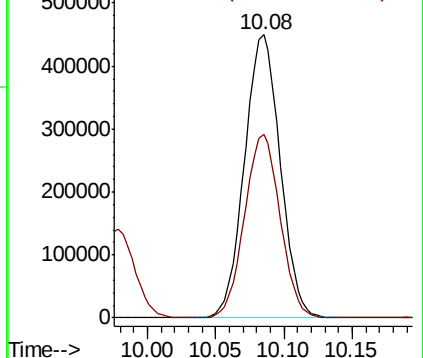
Ion Ratio Lower Upper

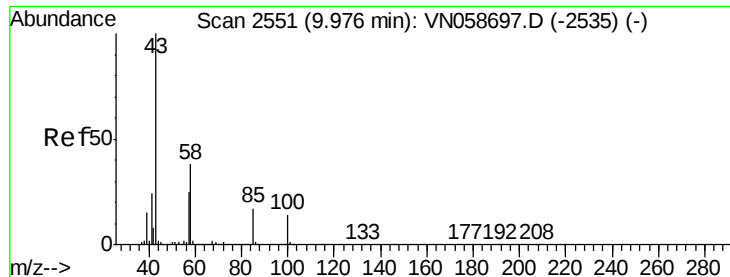
98 100

100 64.8 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 298.212 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

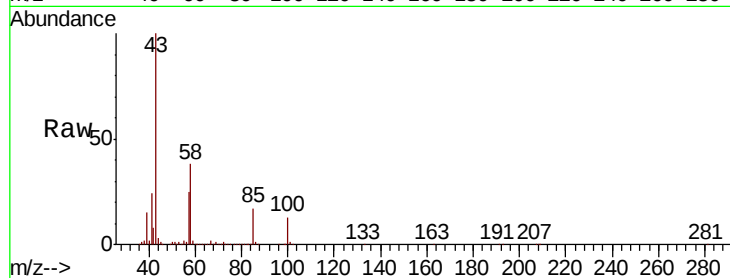
VSTDCCC050EC

Tot Ion: 43 Resp: 1891539

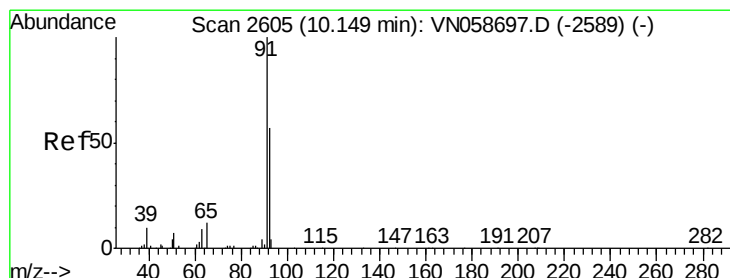
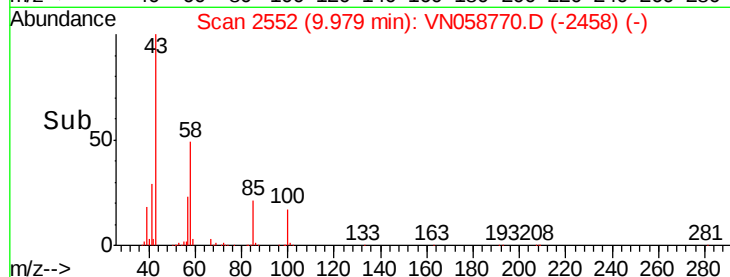
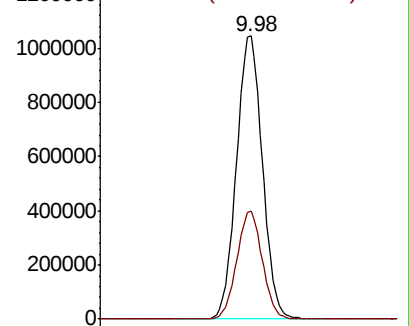
Ion Ratio Lower Upper

43 100

58 37.5 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN058697.D (-2535) (-)



#52

Toluene

Concen: 52.149 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058770.D

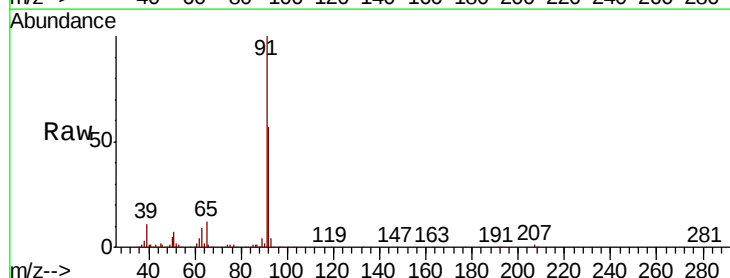
Acq: 14 Oct 2019 23:33

Tgt Ion: 92 Resp: 600508

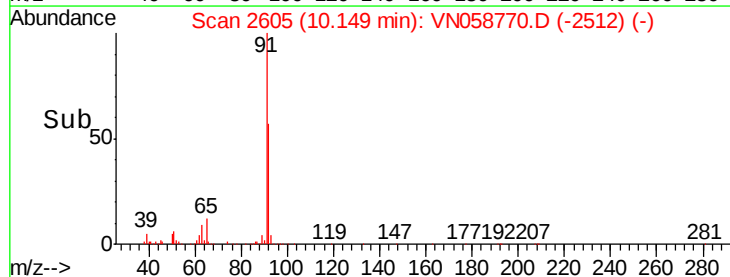
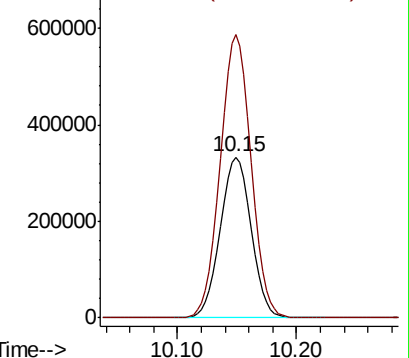
Ion Ratio Lower Upper

92 100

91 174.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN058697.D (-2589) (-)





#53

t-1,3-Dichloropropene

Concen: 51.777 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

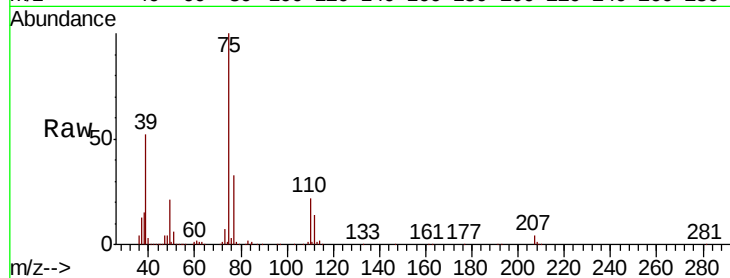
VSTDCCC050EC

Tot Ion: 75 Resp: 386424

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

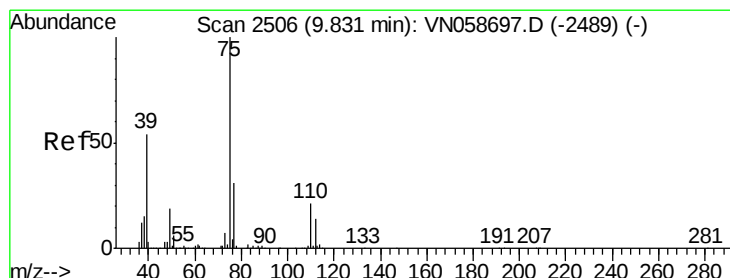
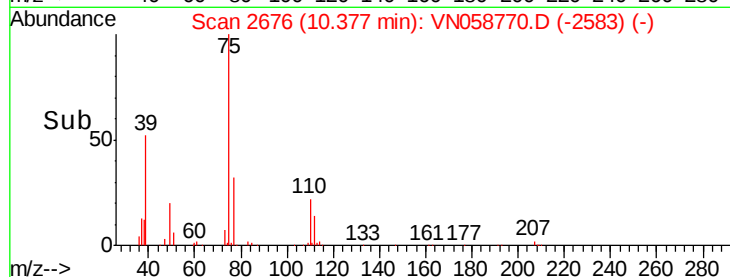
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.959 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

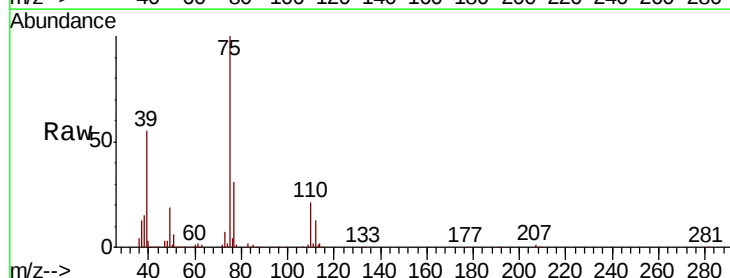
Tgt Ion: 75 Resp: 411723

Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6

39 55.3 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

9.83

300000

250000

200000

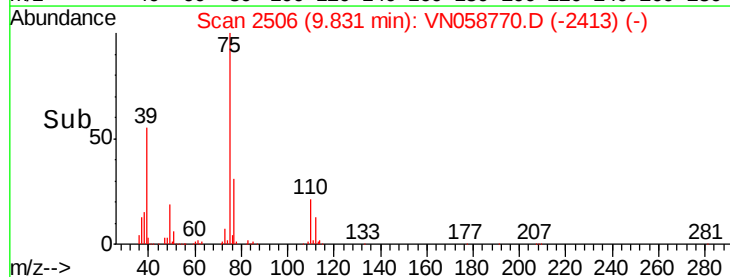
150000

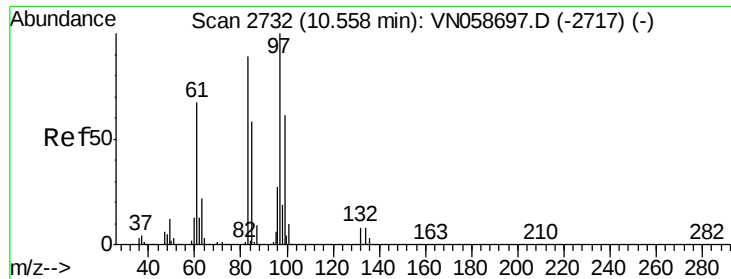
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.792 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 239385

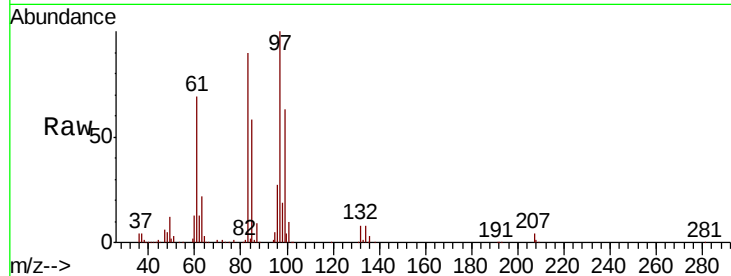
Ion Ratio Lower Upper

97 100

83 89.9 71.2 106.8

85 58.4 46.7 70.1

99 63.1 49.0 73.6

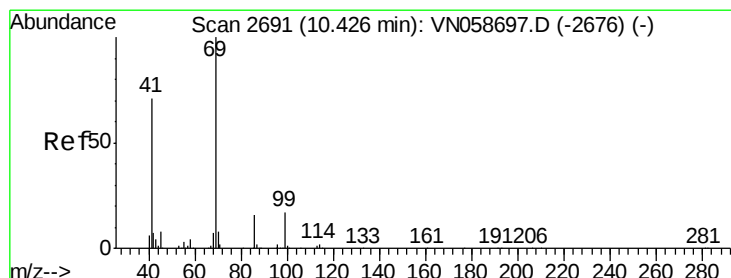
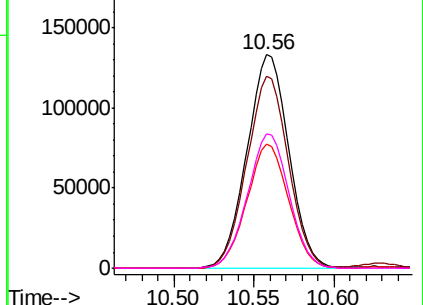
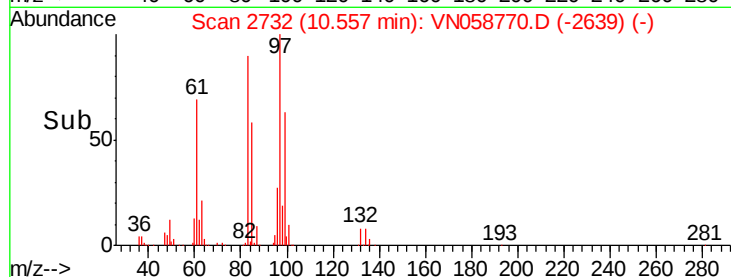


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 55.834 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

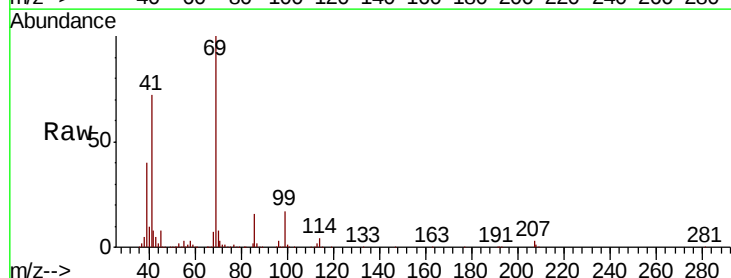
Tgt Ion: 69 Resp: 384443

Ion Ratio Lower Upper

69 100

41 70.6 56.8 85.2

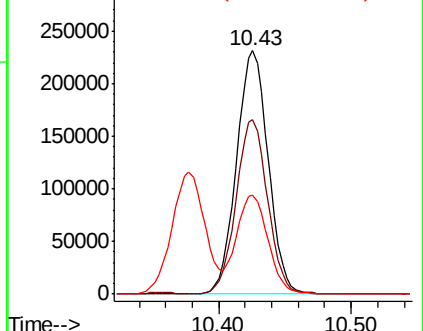
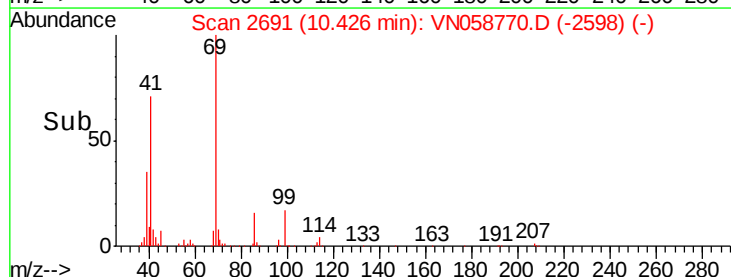
39 40.1 32.5 48.7

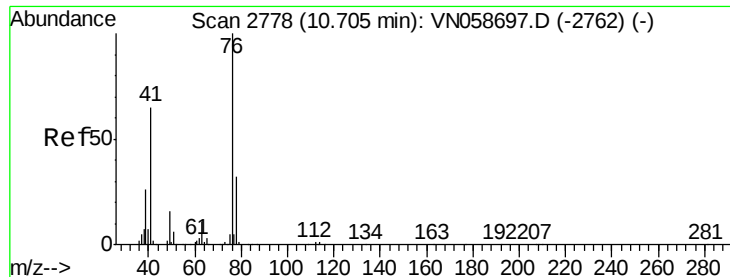


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 52.553 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

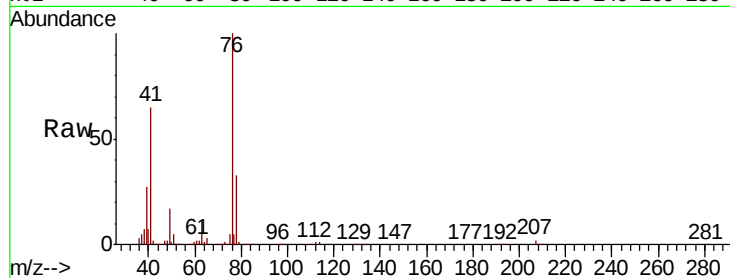
VSTDCCC050EC

Tot Ion: 76 Resp: 422075

Ion Ratio Lower Upper

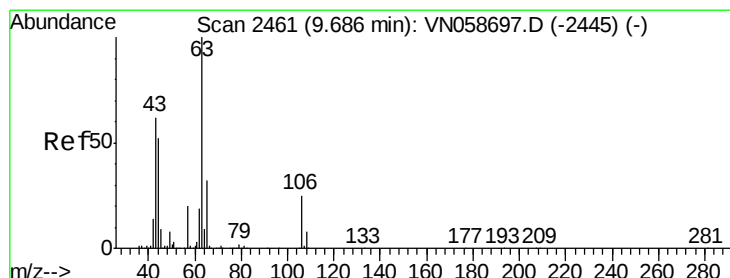
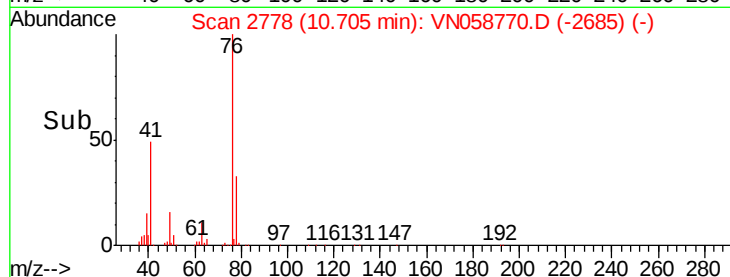
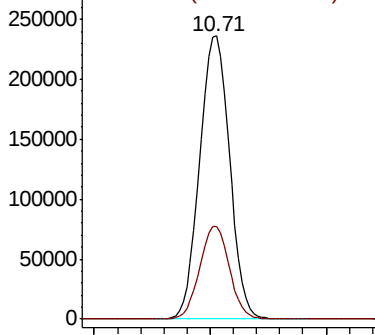
76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 277.436 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VN058770.D

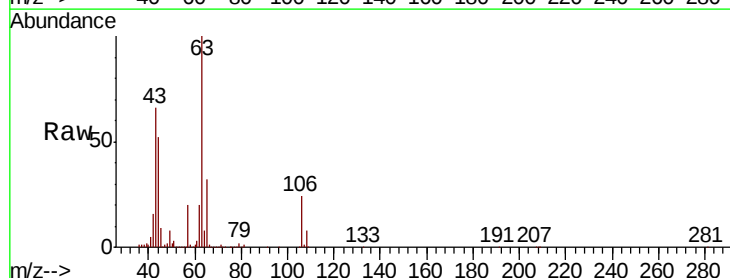
Acq: 14 Oct 2019 23:33

Tgt Ion: 63 Resp: 920601

Ion Ratio Lower Upper

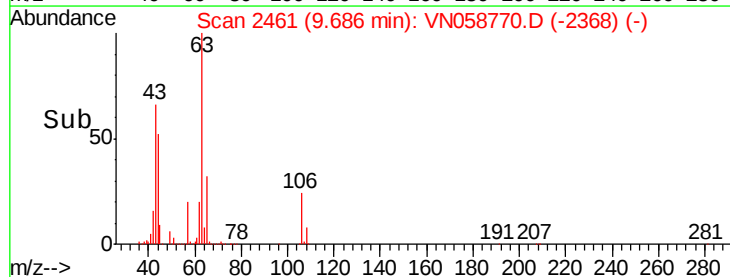
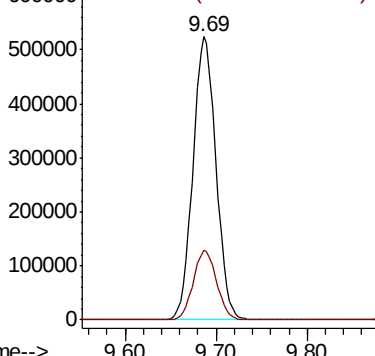
63 100

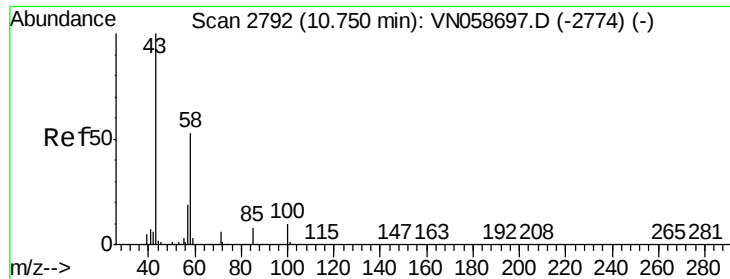
106 24.8 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

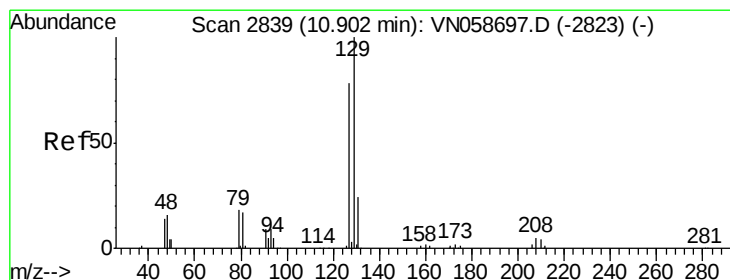
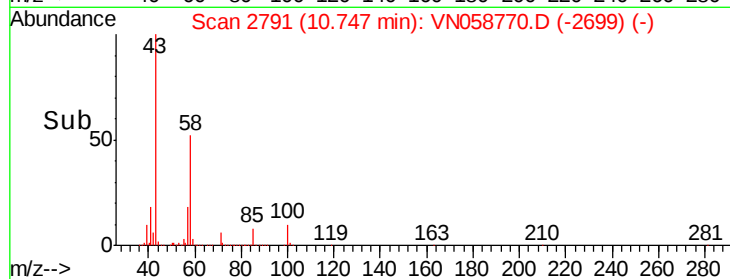
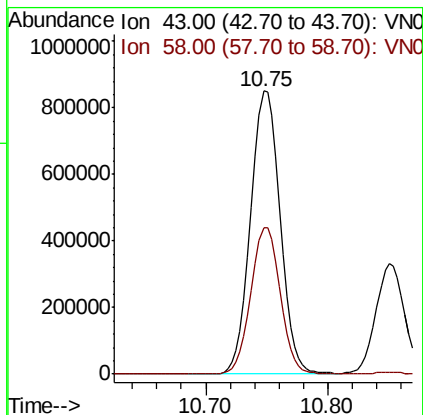
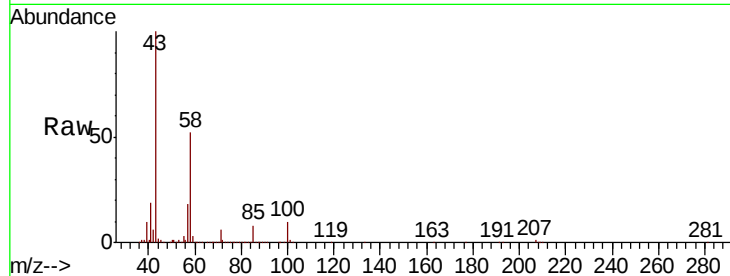




#59
2-Hexanone
Concen: 289.178 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

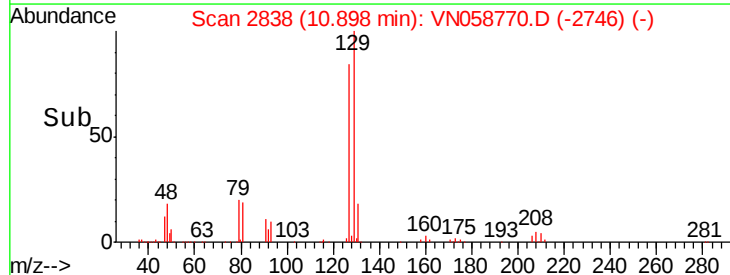
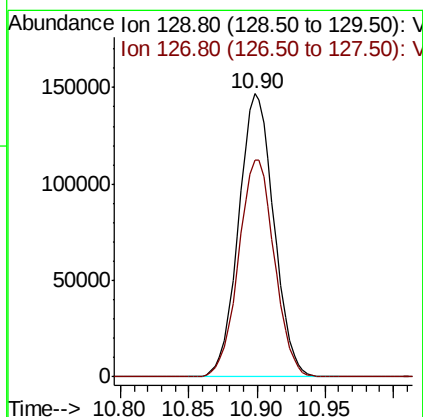
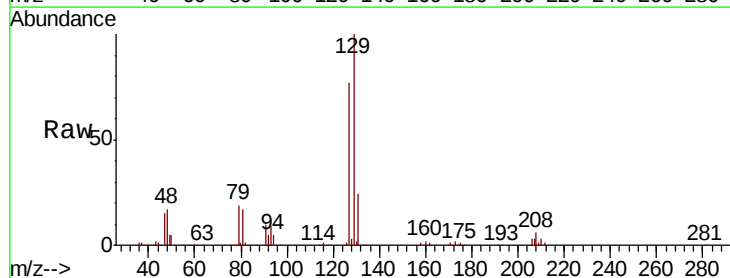
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1417503
Ion Ratio Lower Upper
43 100
58 51.7 26.1 78.3



#60
Dibromochloromethane
Concen: 54.128 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 129 Resp: 263162
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3

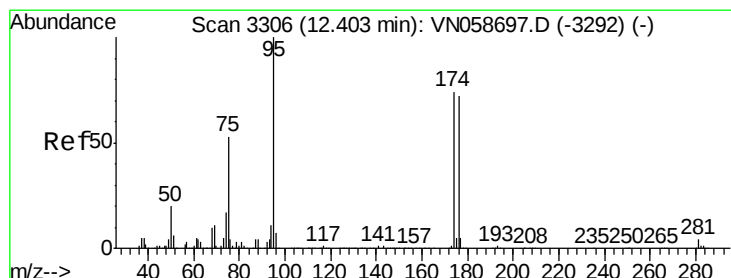
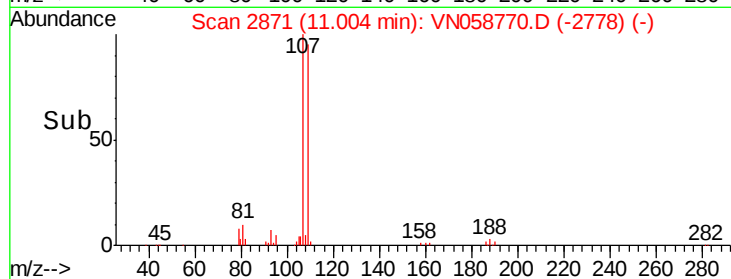
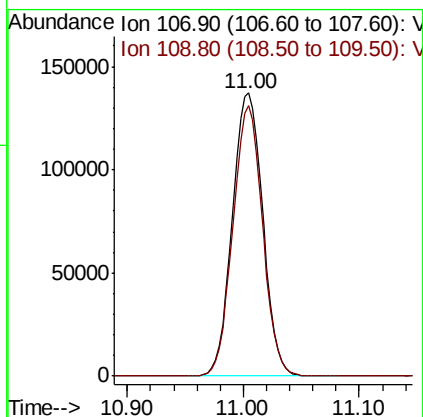
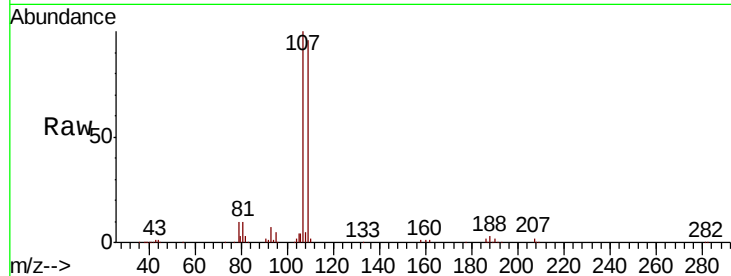




#61
 1,2-Dibromoethane
 Concen: 52.799 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

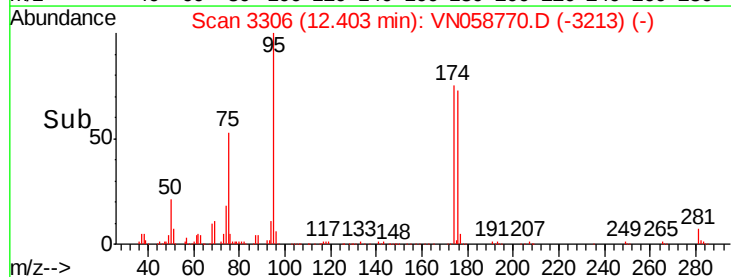
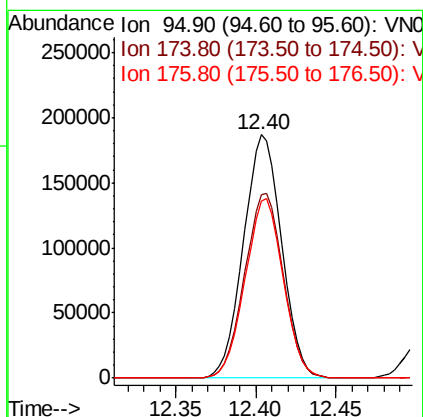
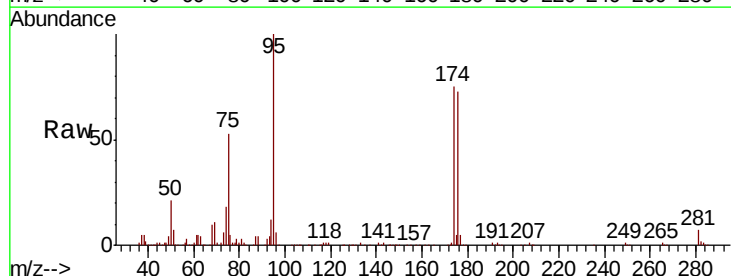
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

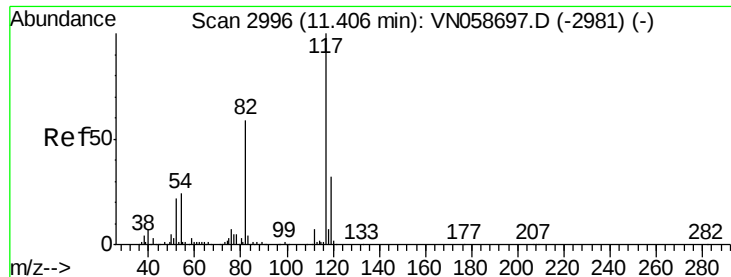
Tot Ion: 107 Resp: 249303
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.303 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Tgt Ion: 95 Resp: 304938
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 150.4
 176 73.9 0.0 146.8

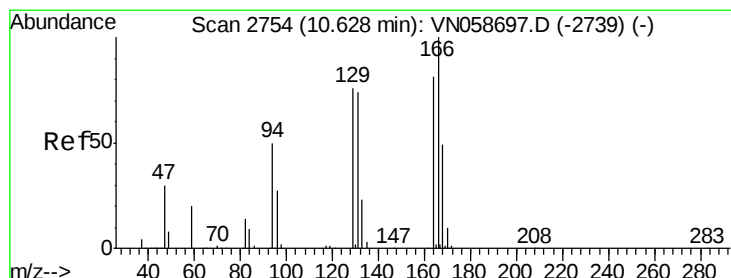
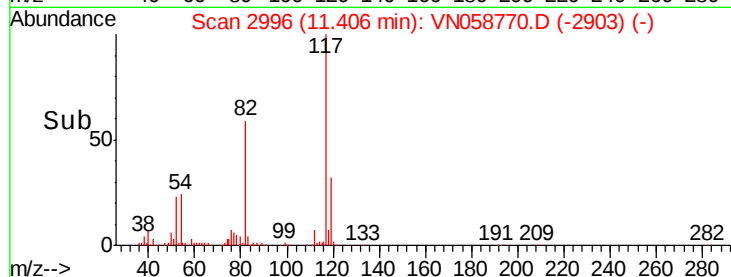
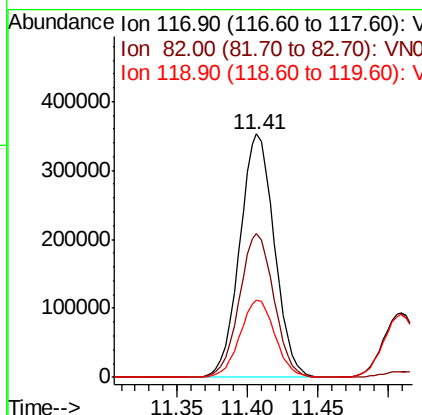
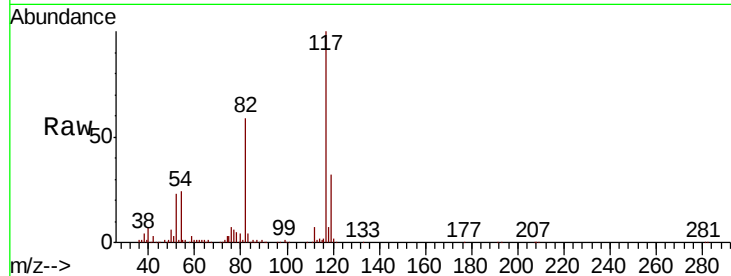




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

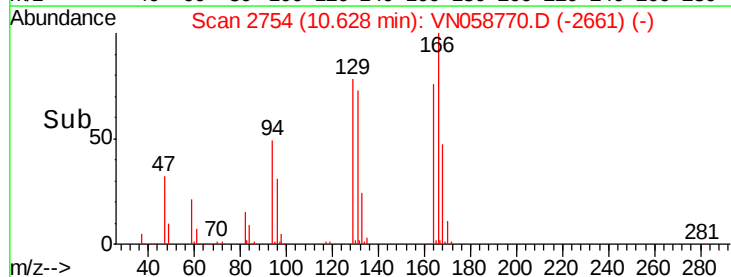
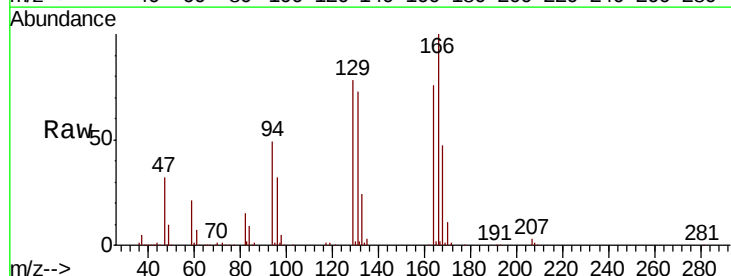
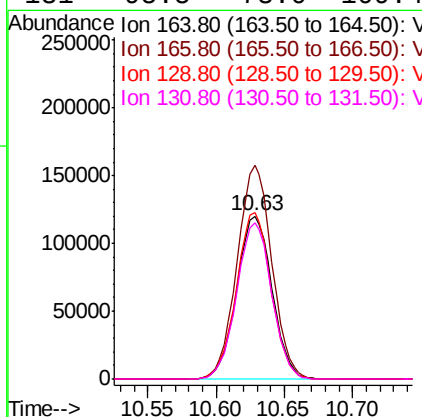
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.0	70.4
119	31.9	25.4	38.2



#64
Tetrachloroethene
Concen: 50.801 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	99.3	148.9
129	102.2	75.2	112.8
131	95.5	73.0	109.4





#65

Chlorobenzene

Concen: 51.360 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

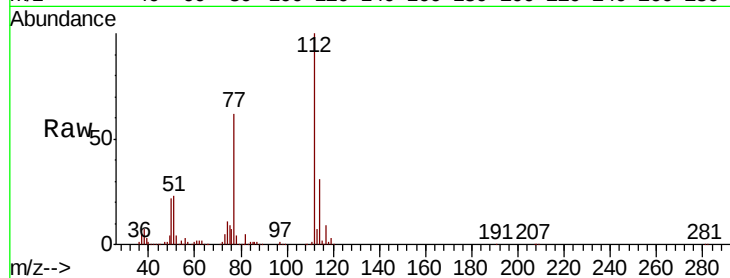
VSTDCCC050EC

Tot Ion:112 Resp: 632683

Ion Ratio Lower Upper

112 100

114 30.8 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

400000

300000

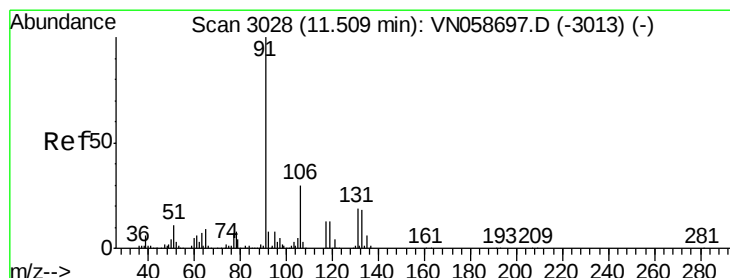
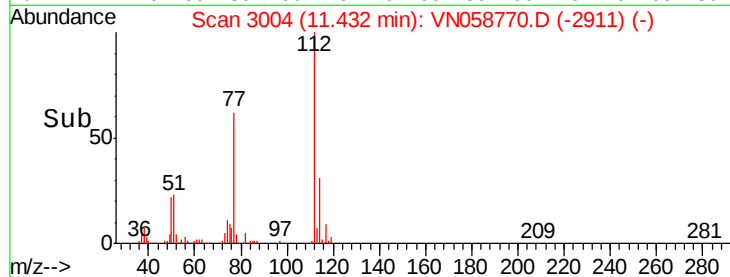
200000

100000

0

11.40 11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.125 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

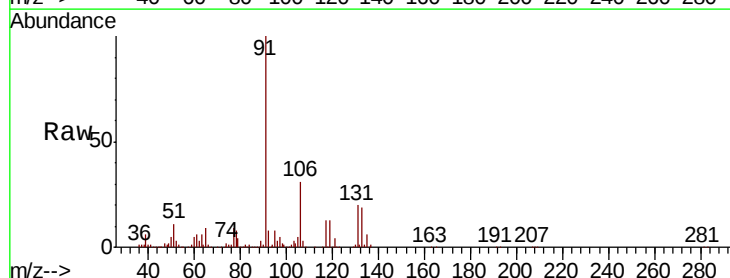
Tgt Ion:131 Resp: 237437

Ion Ratio Lower Upper

131 100

133 97.5 47.6 142.9

119 67.1 33.0 98.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

150000

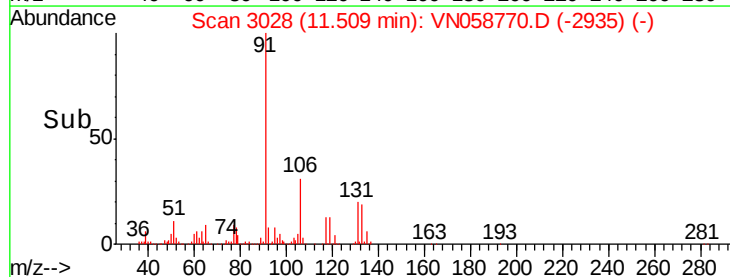
100000

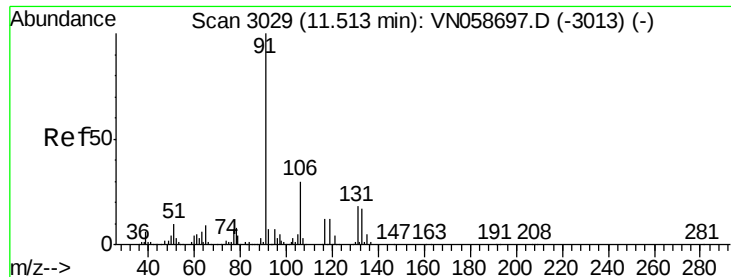
50000

0

11.45 11.55

Time-->

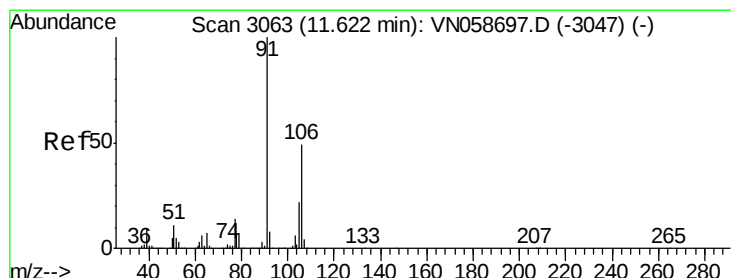
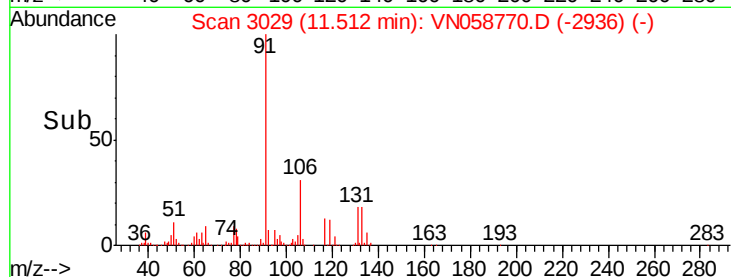
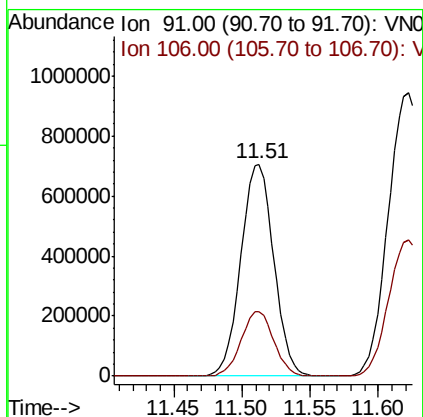
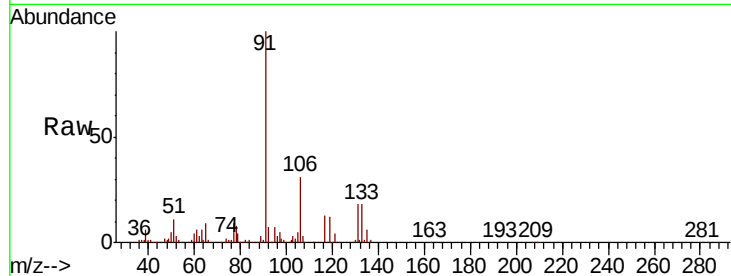




#67
Ethyl Benzene
Concen: 53.907 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

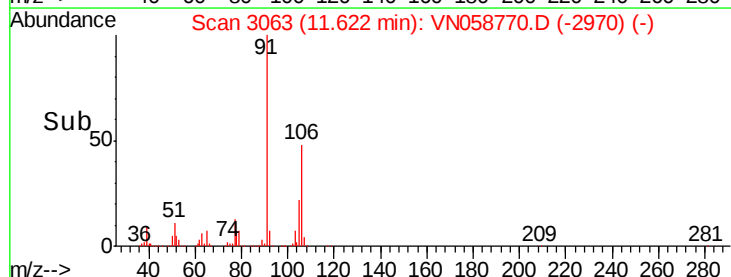
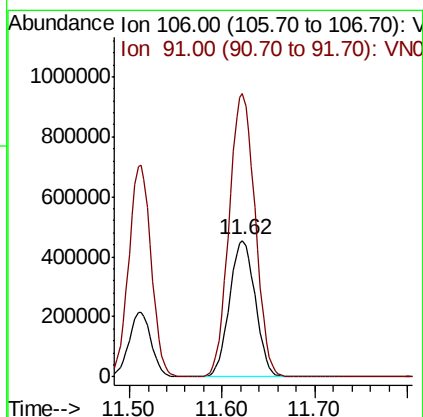
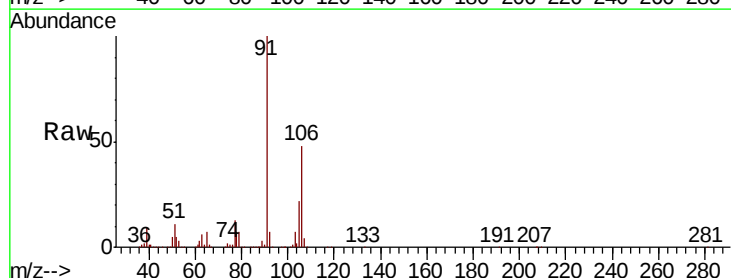
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

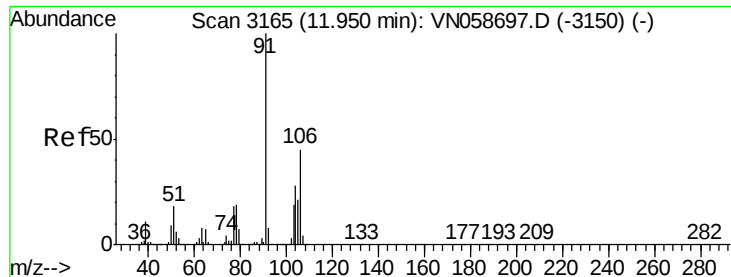
Tot Ion: 91 Resp: 1183729
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1



#68
m/p-Xylenes
Concen: 106.267 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion: 106 Resp: 875703
Ion Ratio Lower Upper
106 100
91 209.4 165.7 248.5

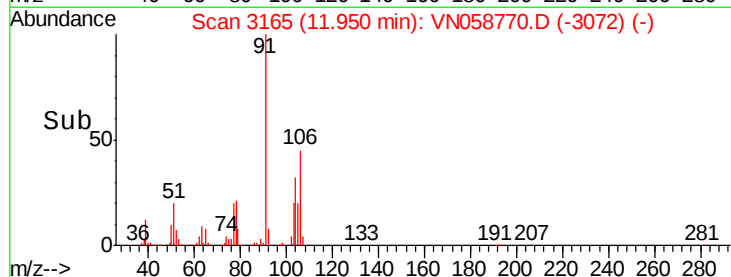
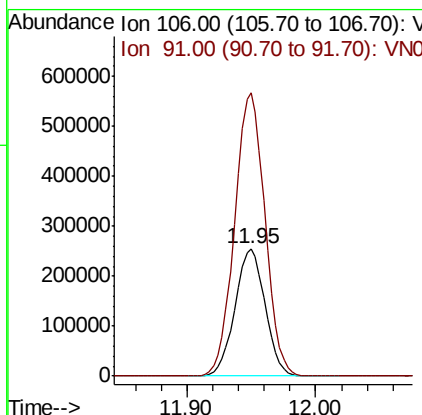
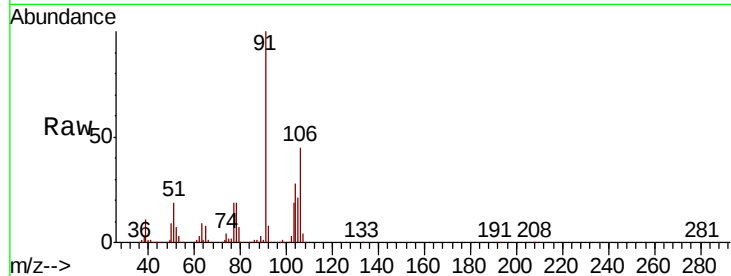




#69
o-Xylene
Concen: 51.930 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

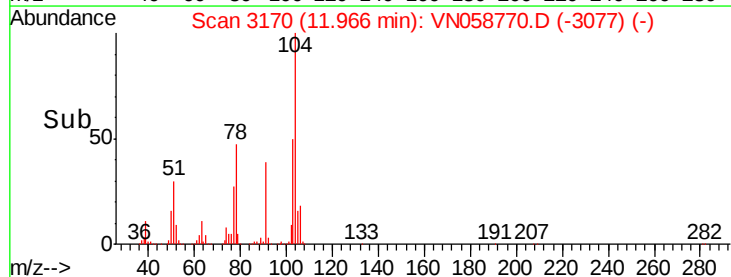
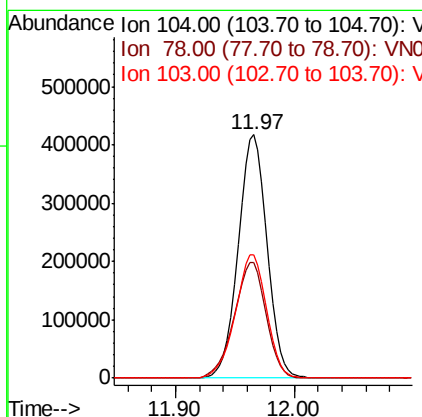
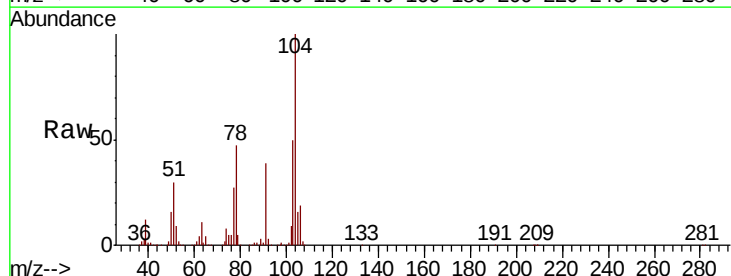
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

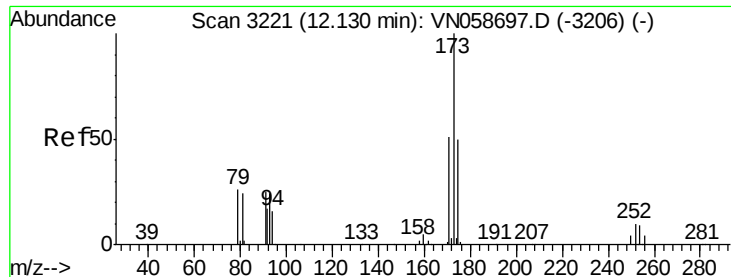
Tot Ion:106 Resp: 414035
Ion Ratio Lower Upper
106 100
91 223.2 110.9 332.9



#70
Styrene
Concen: 53.647 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058770.D
Acq: 14 Oct 2019 23:33

Tgt Ion:104 Resp: 701037
Ion Ratio Lower Upper
104 100
78 52.5 42.2 63.2
103 55.0 43.7 65.5





#71

Bromoform

Concen: 56.169 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

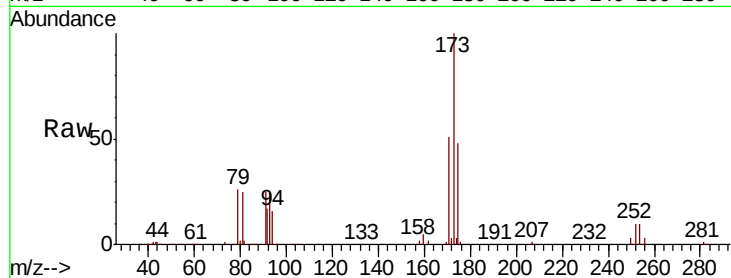
Tot Ion:173 Resp: 187540

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

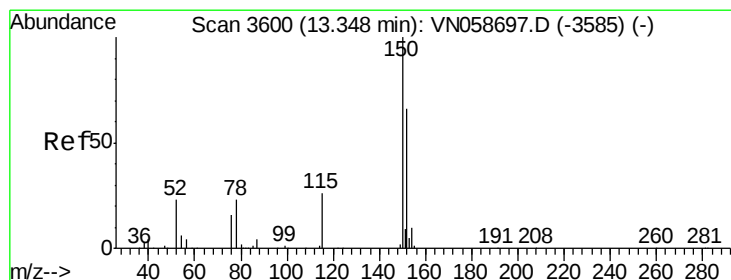
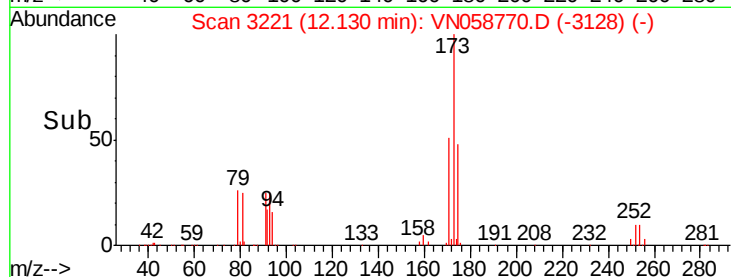
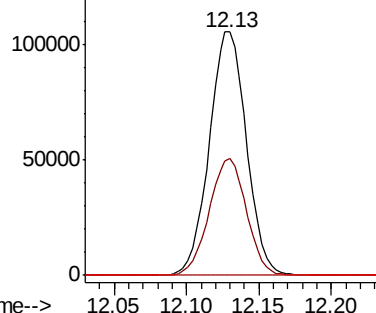
254 0.1 0.1 0.1#



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: VN058770.D

Acq: 14 Oct 2019 23:33

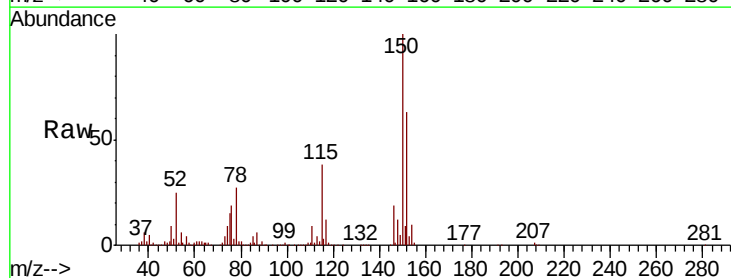
Tgt Ion:152 Resp: 304918

Ion Ratio Lower Upper

152 100

115 60.5 30.4 91.2

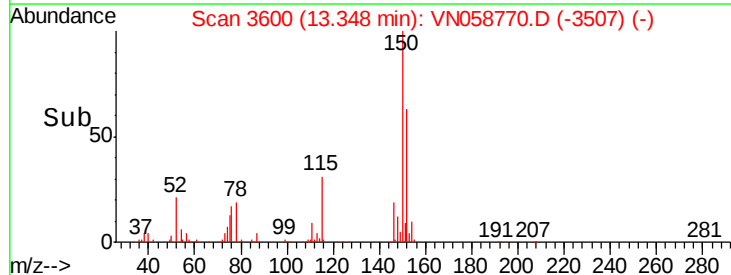
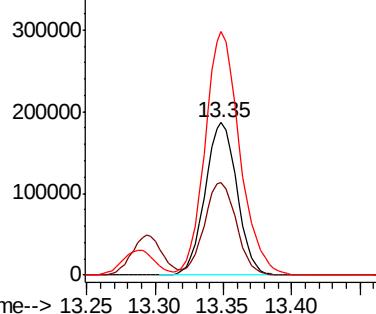
150 172.1 0.0 345.4

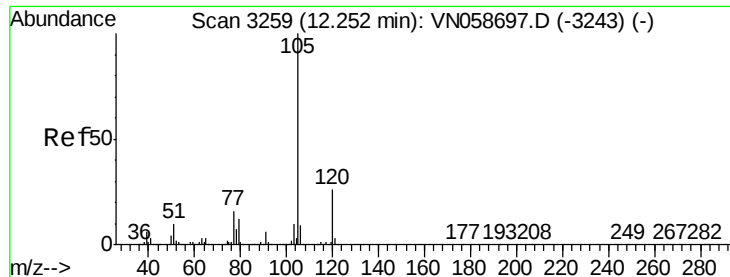


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.860 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

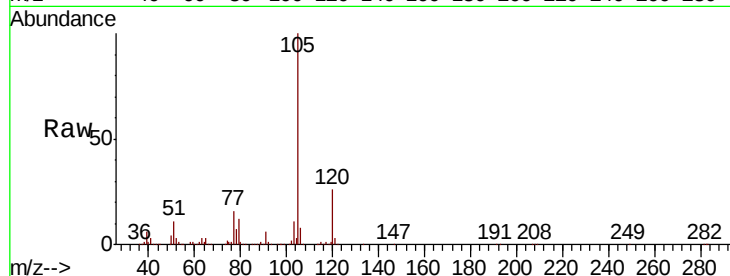
VSTDCCC050EC

Tot Ion:105 Resp: 1145209

Ion Ratio Lower Upper

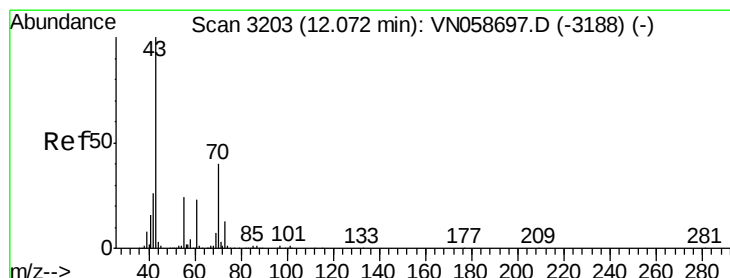
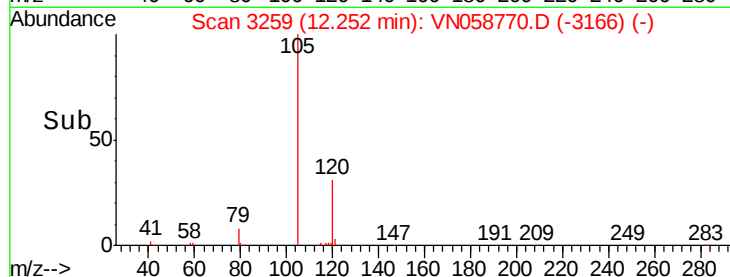
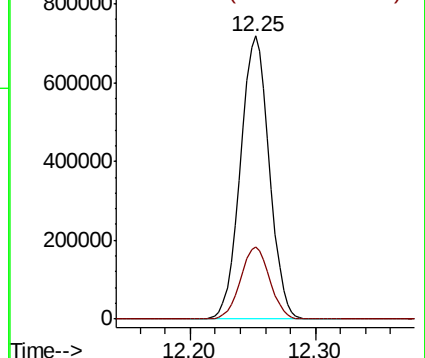
105 100

120 25.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.945 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Tgt Ion: 43 Resp: 525124

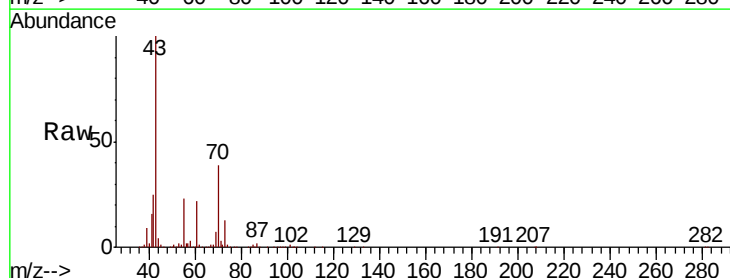
Ion Ratio Lower Upper

43 100

70 39.3 32.2 48.4

55 24.1 19.6 29.4

61 22.5 18.6 28.0

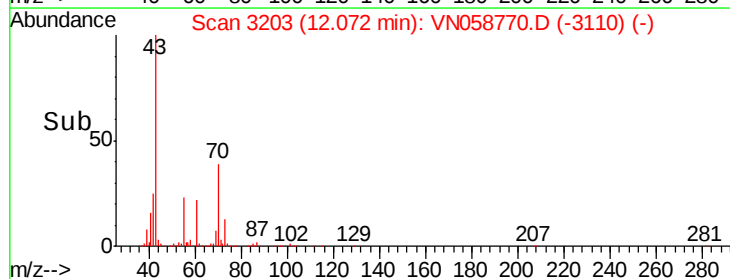
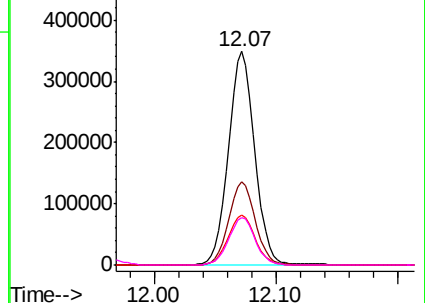


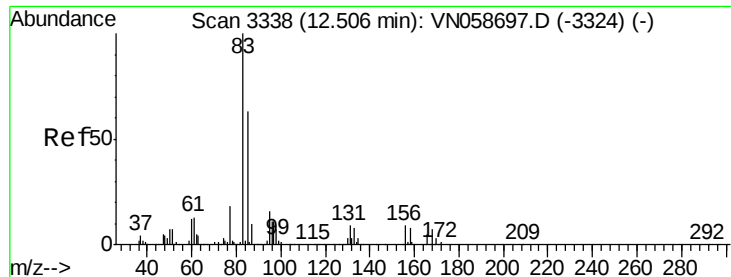
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.206 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

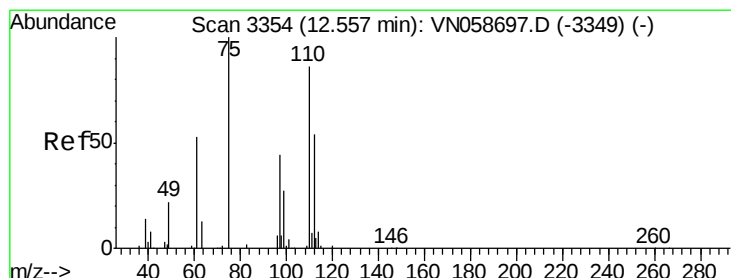
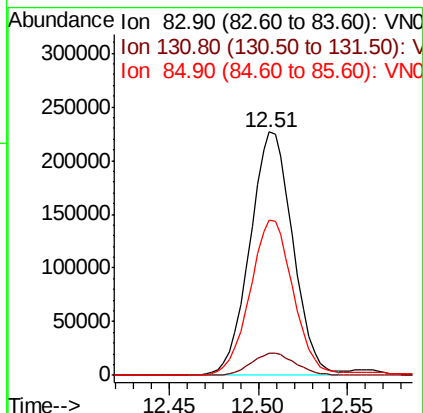
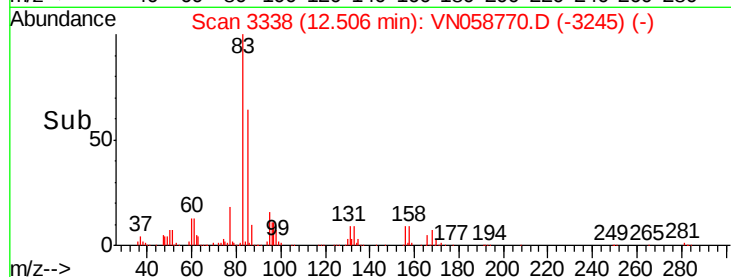
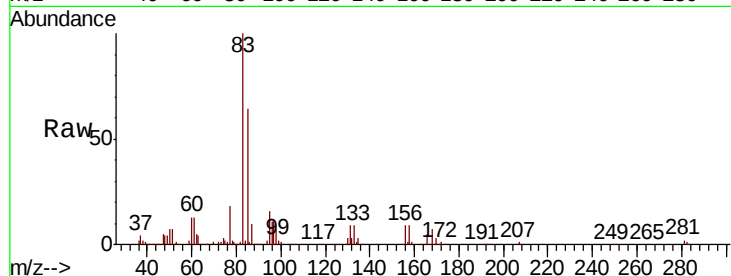
Tot Ion: 83 Resp: 379788

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

85 64.0 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 75.341 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN058770.D

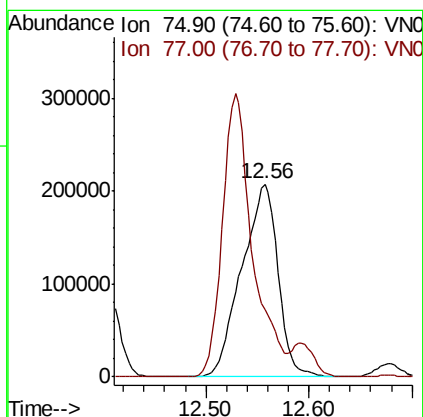
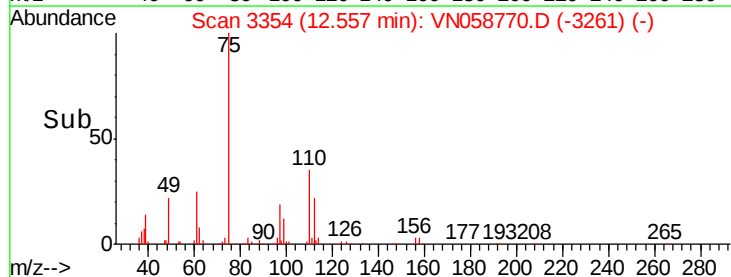
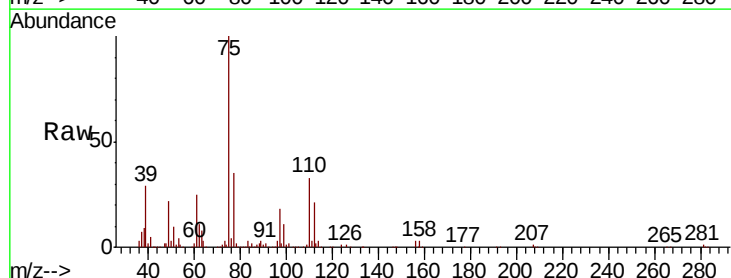
Acq: 14 Oct 2019 23:33

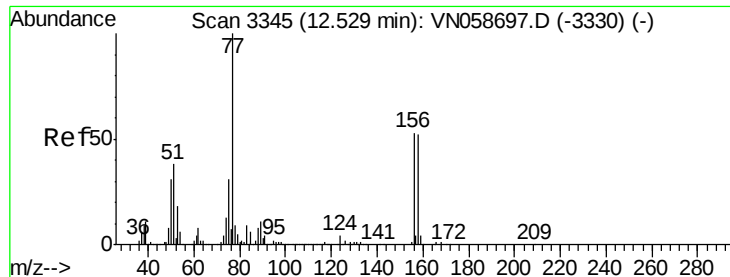
Tgt Ion: 75 Resp: 503969

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.326 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

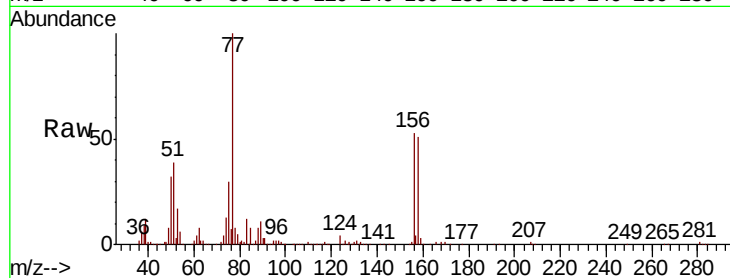
Tot Ion:156 Resp: 270318

Ion Ratio Lower Upper

156 100

77 229.7 115.8 347.3

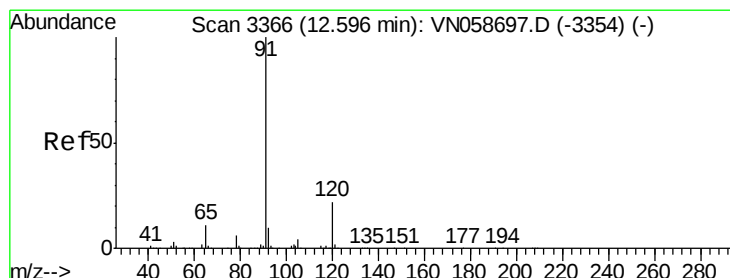
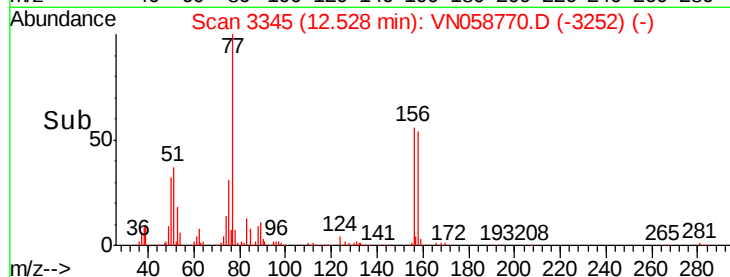
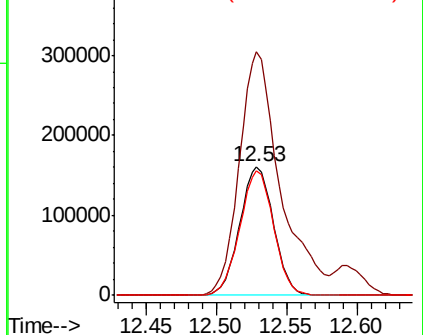
158 96.7 48.9 146.6



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: 53.188 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN058770.D

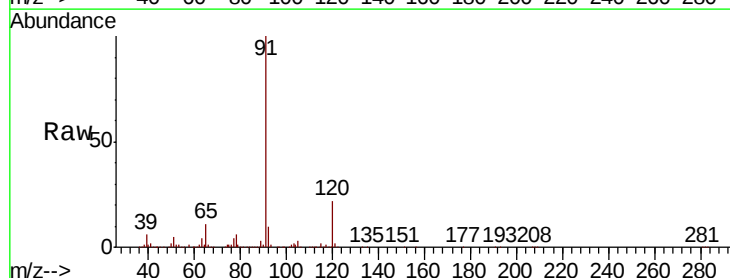
Acq: 14 Oct 2019 23:33

Tgt Ion: 91 Resp: 1368652

Ion Ratio Lower Upper

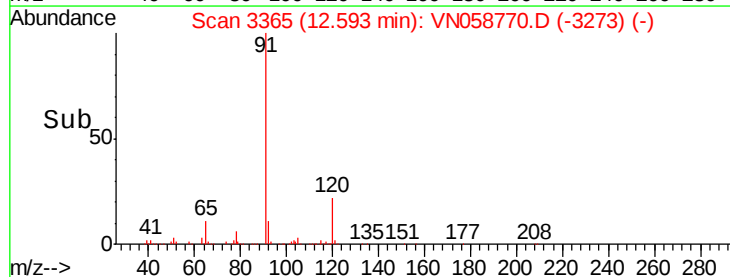
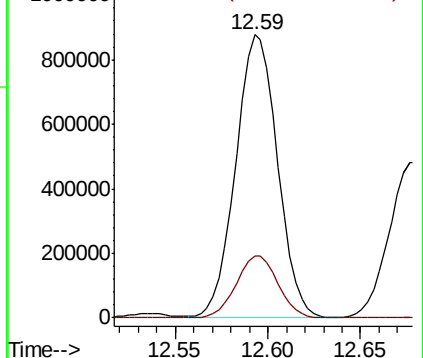
91 100

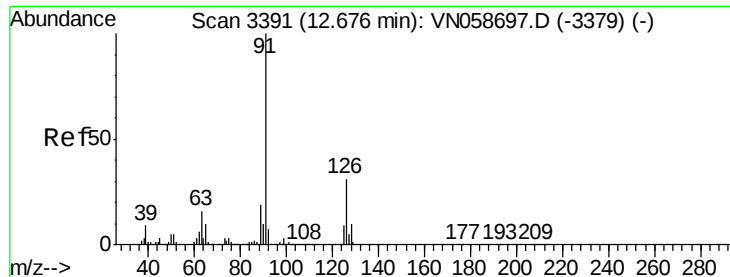
120 21.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

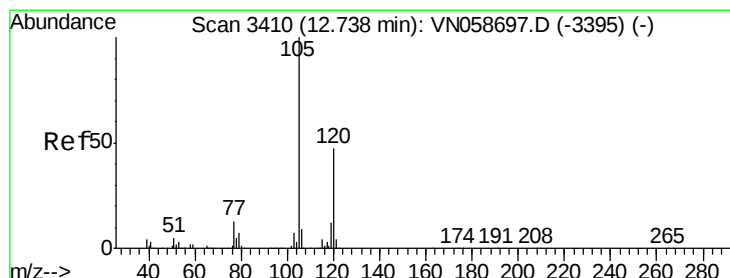
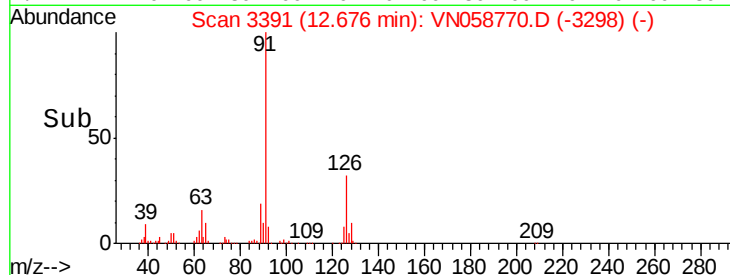
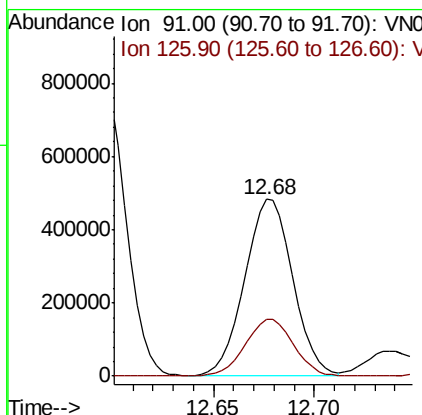
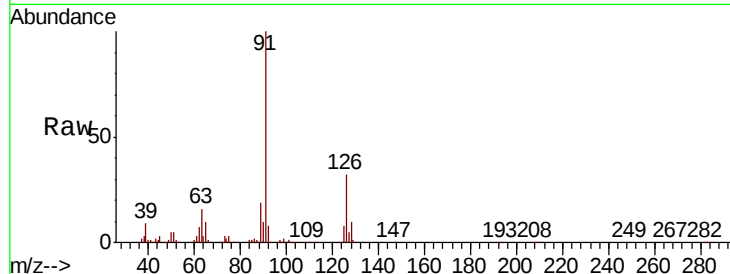




#79
 2-Chlorotoluene
 Concen: 50.240 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

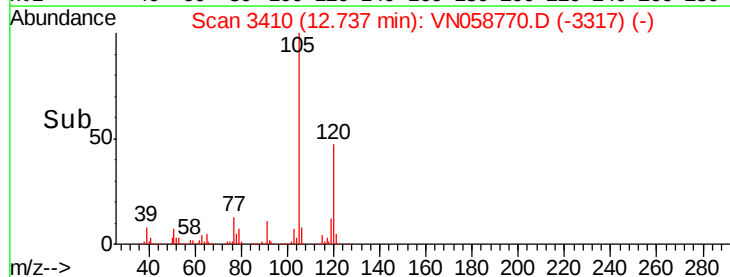
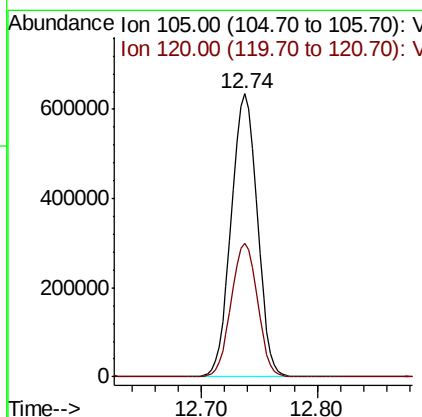
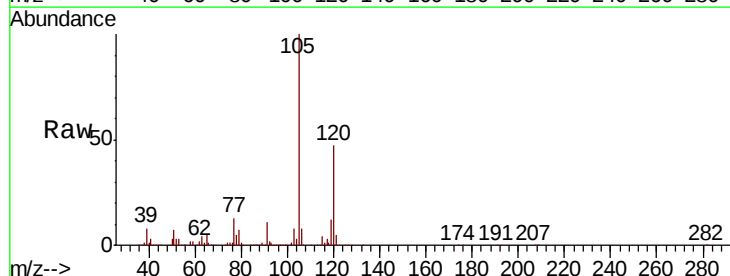
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

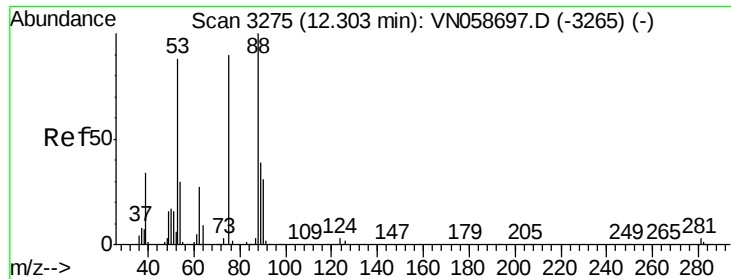
Tot Ion: 91 Resp: 802396
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.2 48.5



#80
 1,3,5-Trimethylbenzene
 Concen: 52.423 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Tgt Ion: 105 Resp: 988327
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.008 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

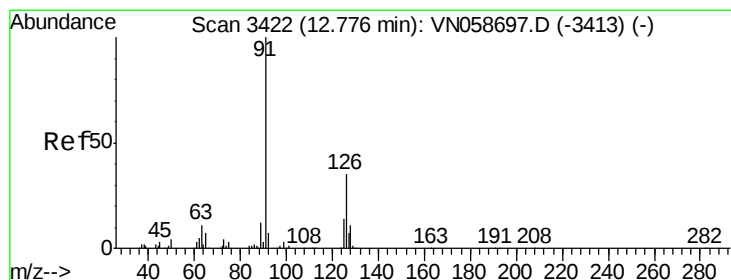
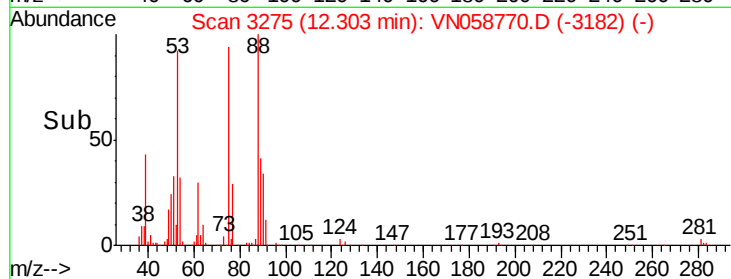
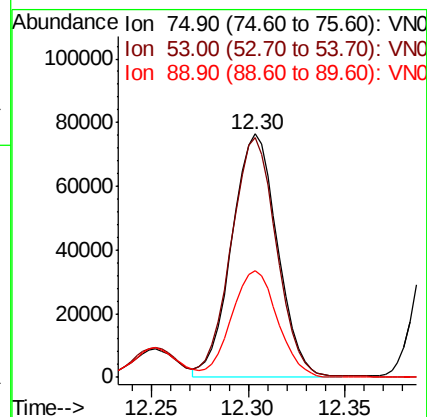
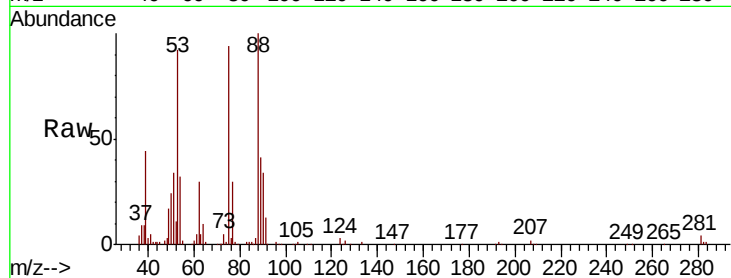
Tot Ion: 75 Resp: 124879

Ion Ratio Lower Upper

75 100

53 98.3 78.4 117.6

89 44.6 34.9 52.3



#82

4-Chlorotoluene

Concen: 51.000 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN058770.D

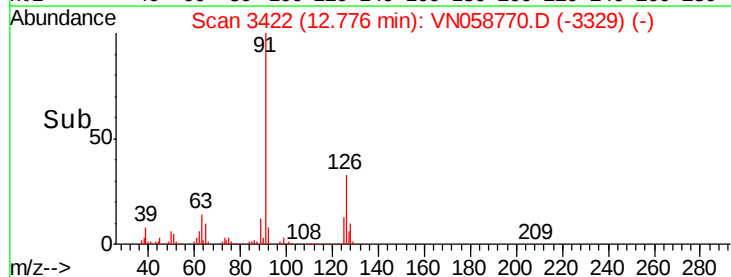
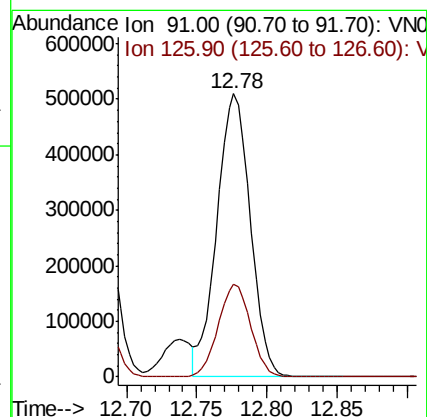
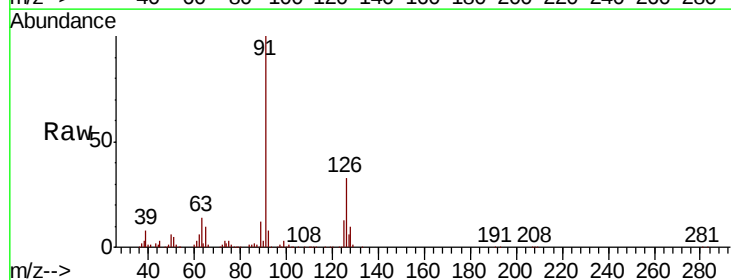
Acq: 14 Oct 2019 23:33

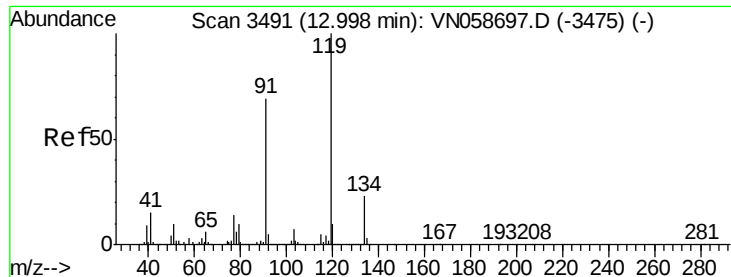
Tgt Ion: 91 Resp: 835848

Ion Ratio Lower Upper

91 100

126 31.9 15.9 47.6





#83

tert-Butylbenzene

Concen: 51.835 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

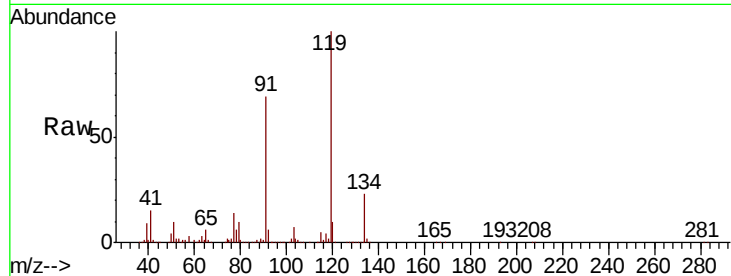
Tot Ion:119 Resp: 837186

Ion Ratio Lower Upper

119 100

91 67.9 33.8 101.3

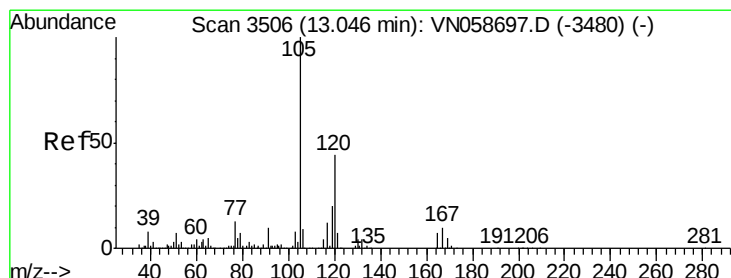
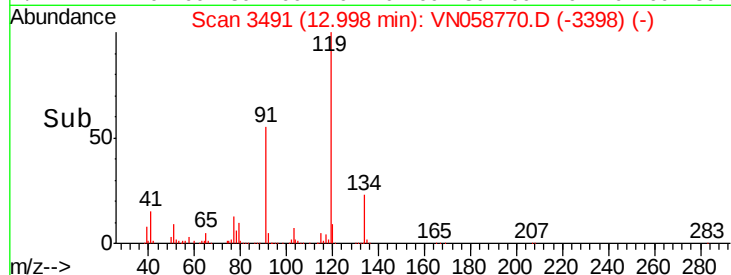
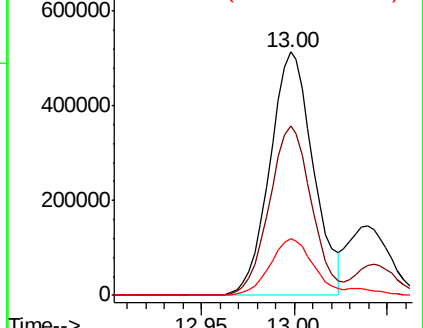
134 23.1 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.363 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN058770.D

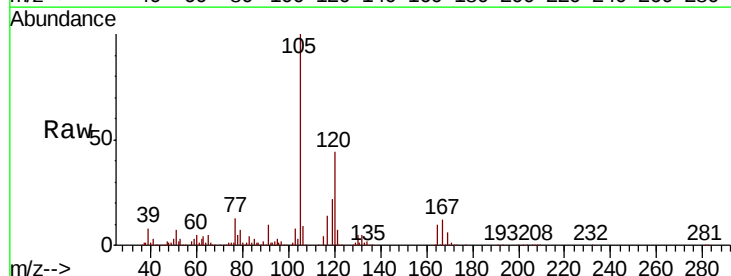
Acq: 14 Oct 2019 23:33

Tgt Ion:105 Resp: 998739

Ion Ratio Lower Upper

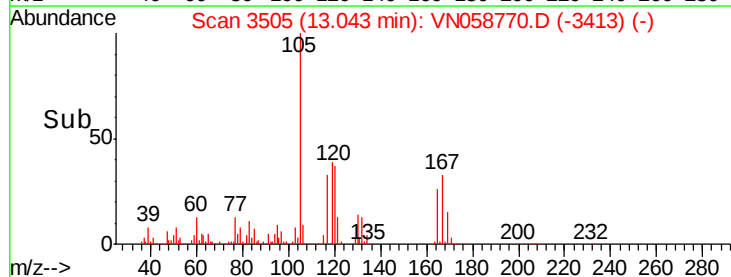
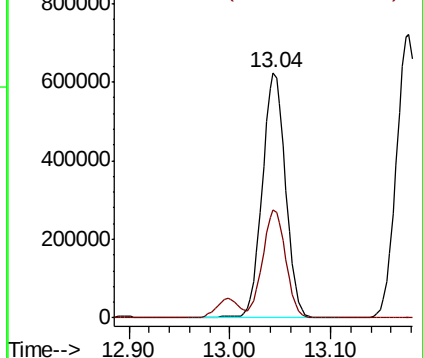
105 100

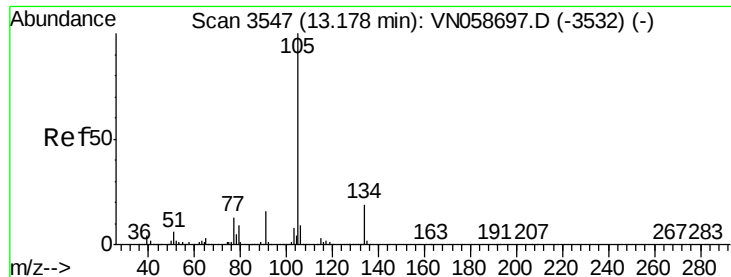
120 43.5 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.530 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

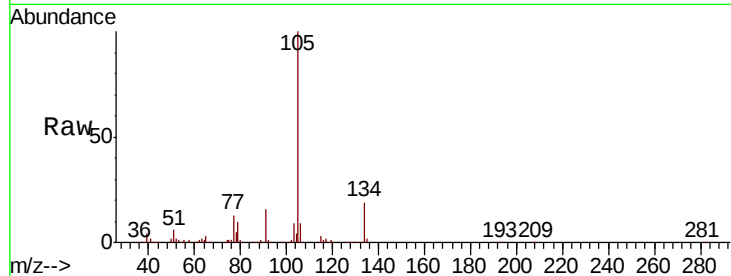
VSTDCCC050EC

Tot Ion:105 Resp: 1139201

Ion Ratio Lower Upper

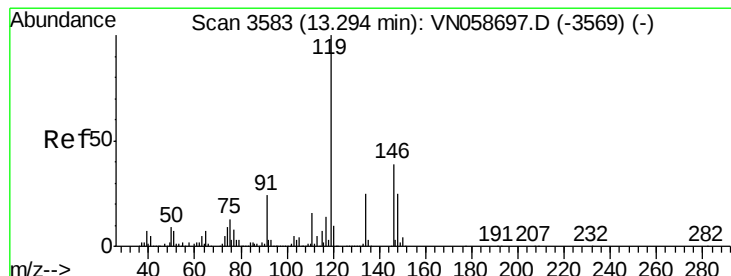
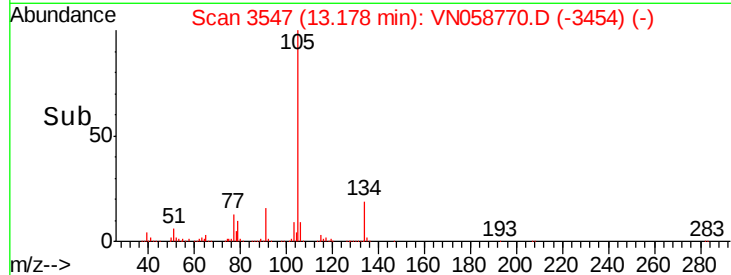
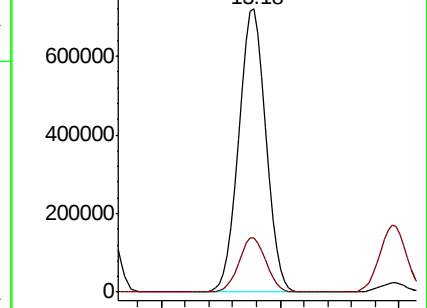
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.189 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

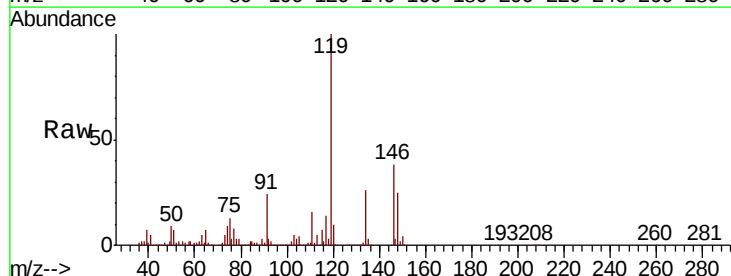
Tgt Ion:119 Resp: 1028774

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

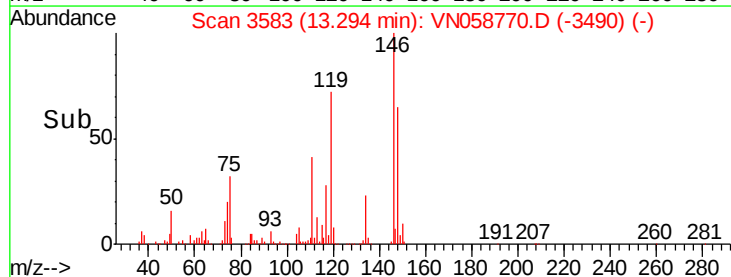
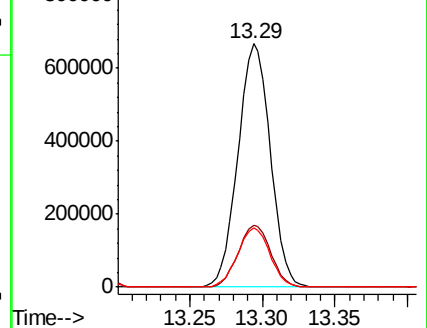
91 24.4 11.9 35.5

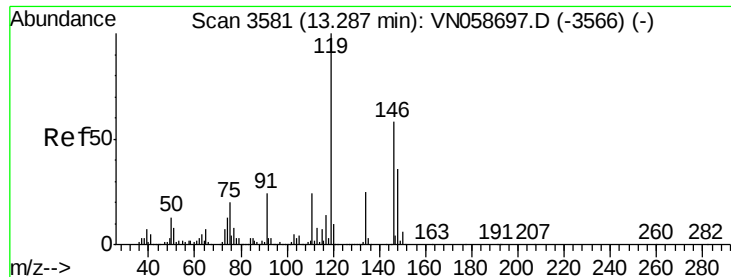


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

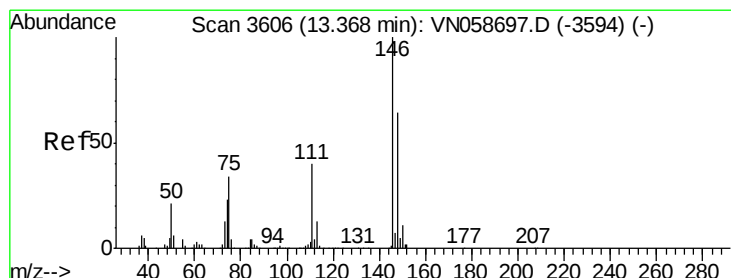
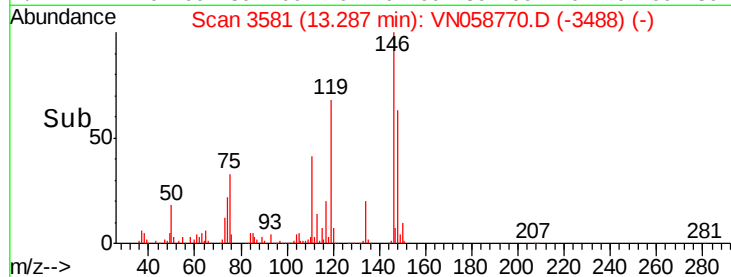
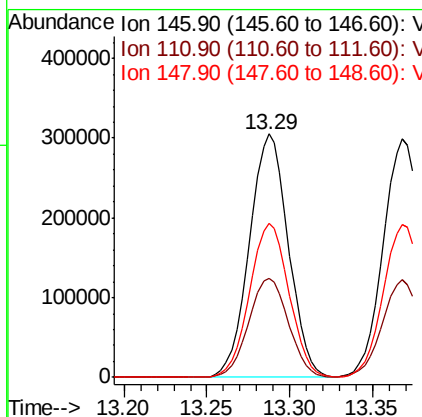
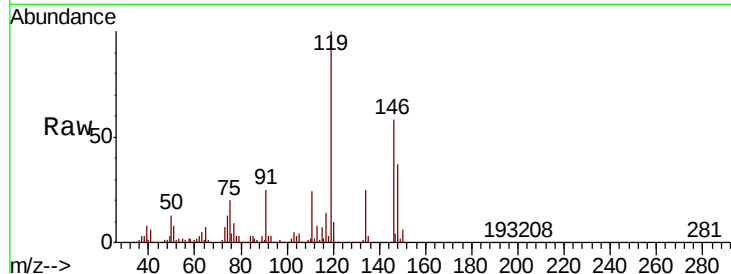




#87
 1,3-Dichlorobenzene
 Concen: 50.210 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

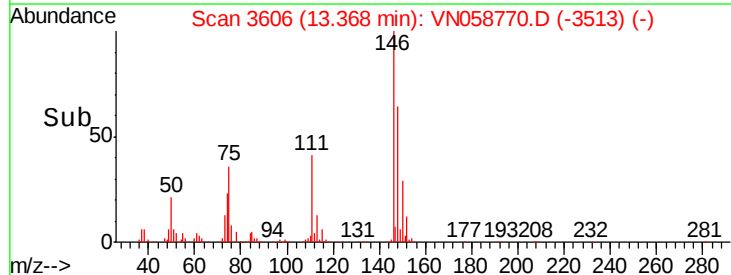
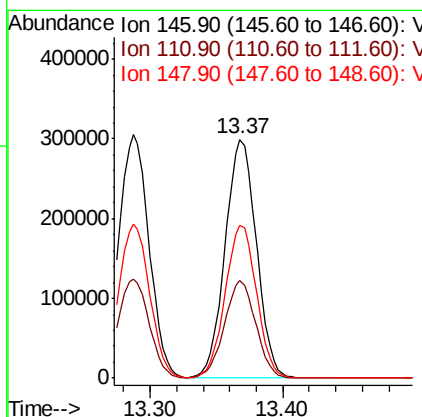
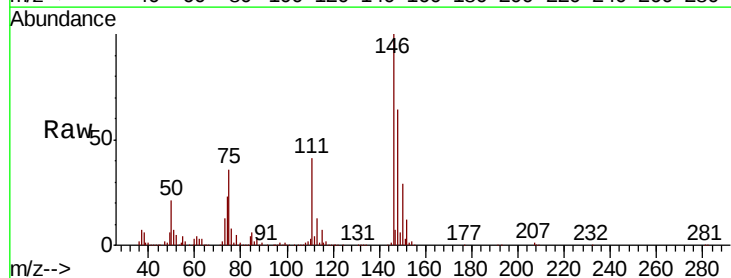
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

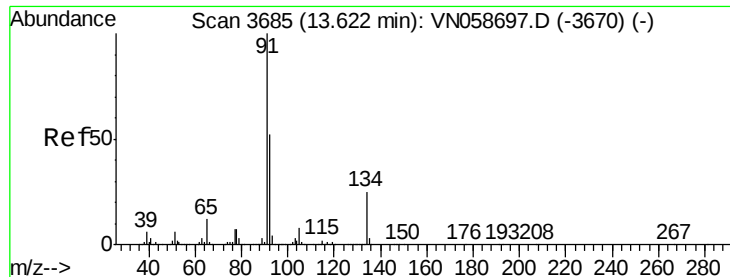
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.6
148	64.0	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 48.725 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.1	60.2
148	64.3	31.9	95.7





#89

n-Butylbenzene

Concen: 52.369 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

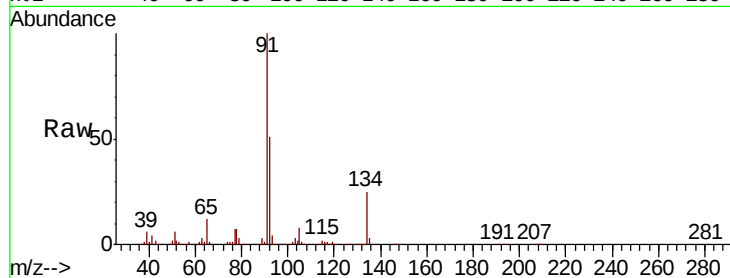
Tot Ion: 91 Resp: 936595

Ion Ratio Lower Upper

91 100

92 50.9 26.0 78.0

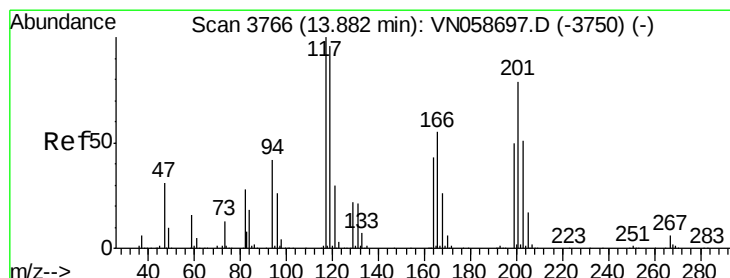
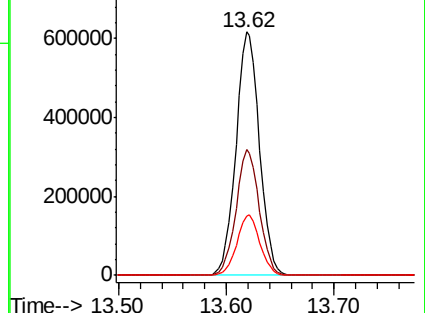
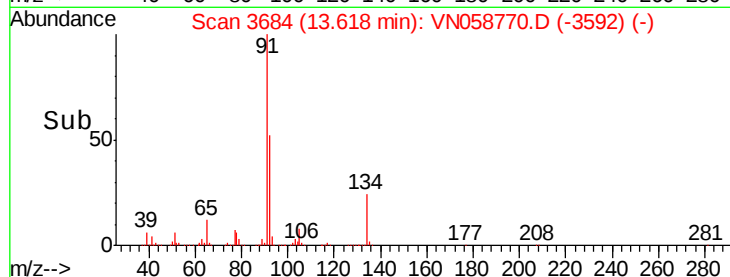
134 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN058697.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN058697.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN058697.D (-3670) (-)



#90

Hexachloroethane

Concen: 53.561 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN058770.D

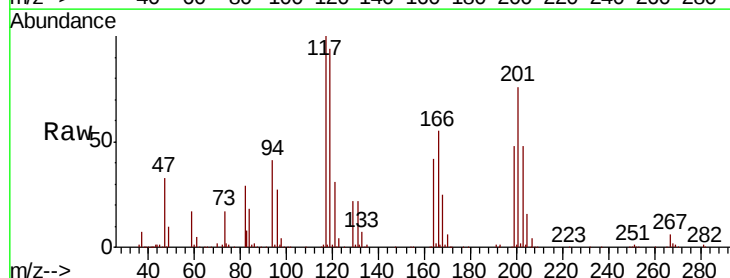
Acq: 14 Oct 2019 23:33

Tgt Ion: 117 Resp: 185368

Ion Ratio Lower Upper

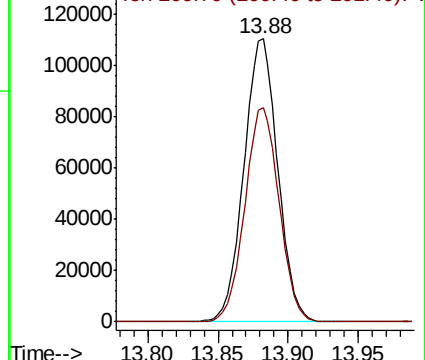
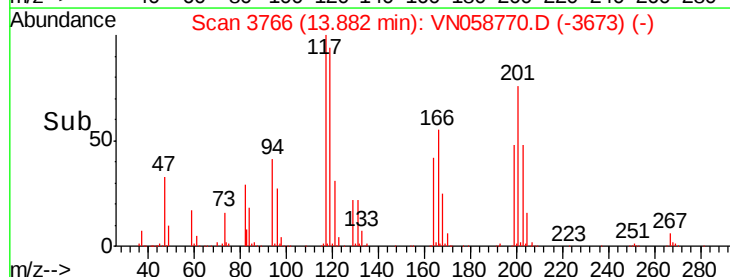
117 100

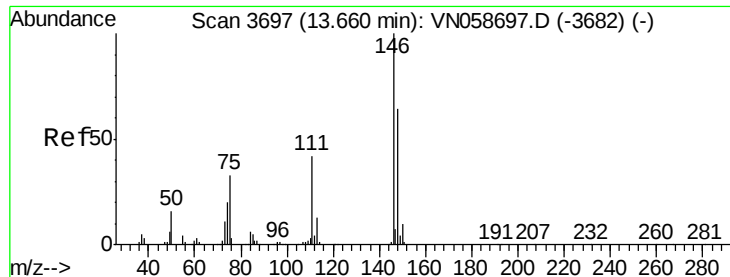
201 76.5 39.6 118.7



Abundance Ion 116.80 (116.50 to 117.50): VN058697.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN058697.D (-3750) (-)





#91

1,2-Dichlorobenzene

Concen: 50.763 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

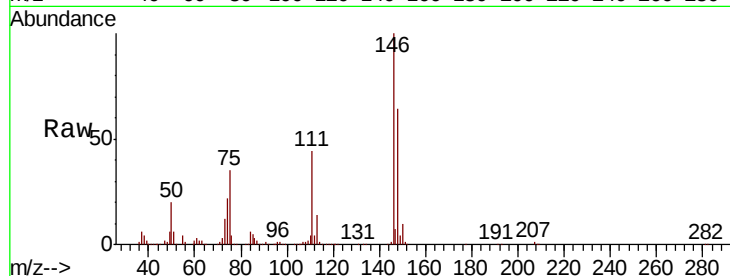
Tot Ion:146 Resp: 490093

Ion Ratio Lower Upper

146 100

111 43.2 21.1 63.4

148 63.5 31.8 95.3

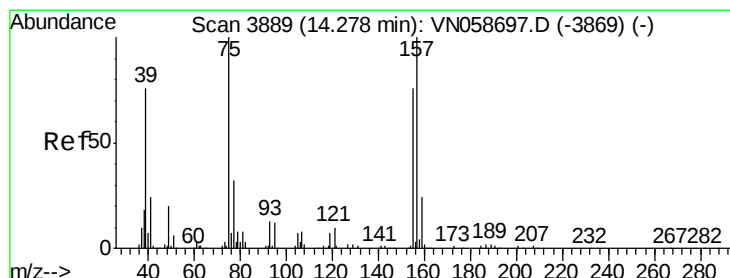
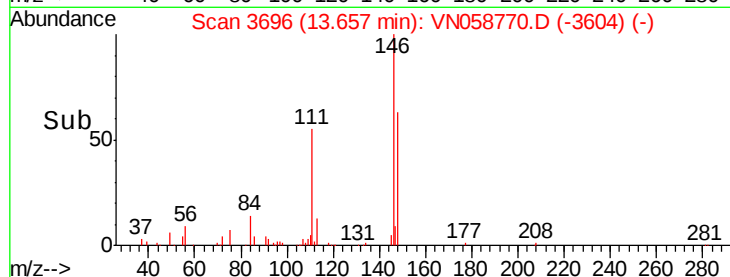
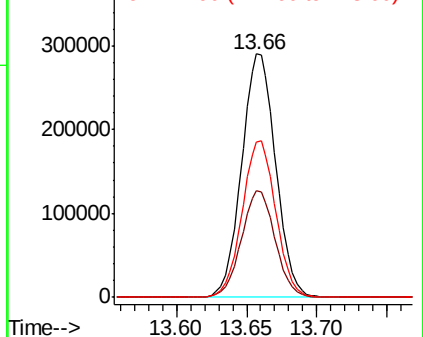


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.603 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

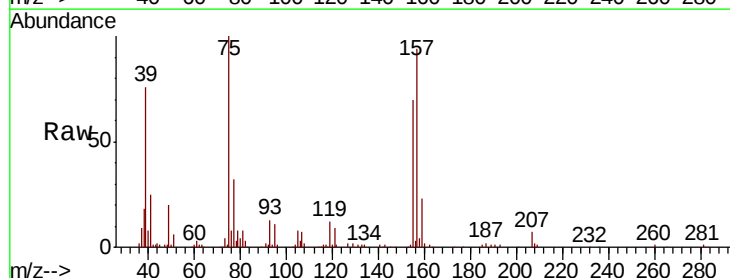
Tgt Ion: 75 Resp: 86002

Ion Ratio Lower Upper

75 100

155 70.3 37.9 113.6

157 92.8 49.4 148.2

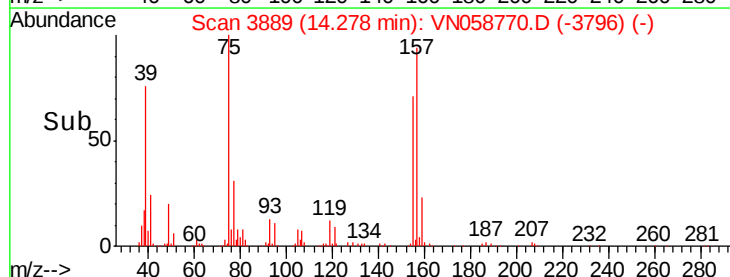
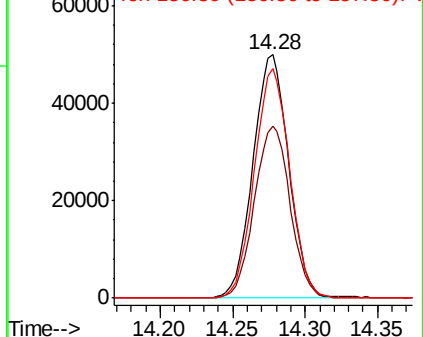


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

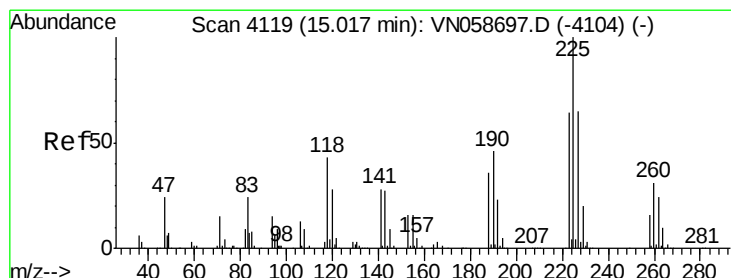
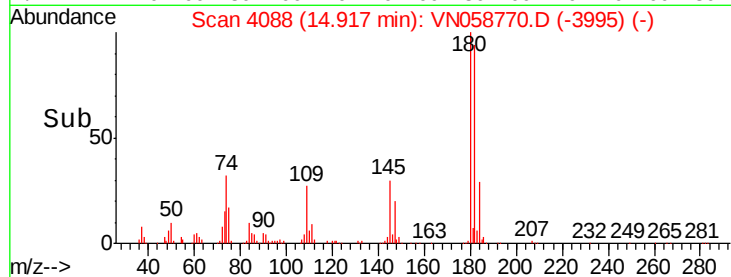
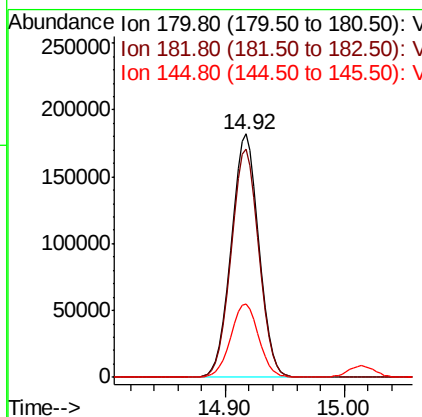
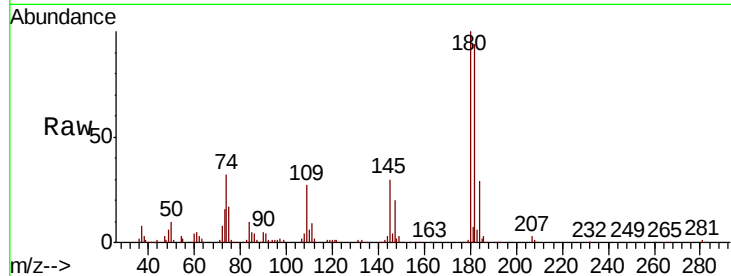




#93
 1,2,4-Trichlorobenzene
 Concen: 49.553 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

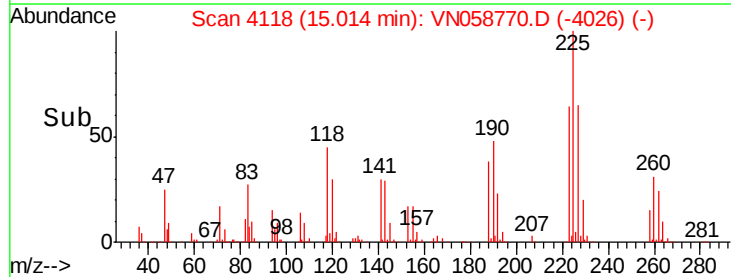
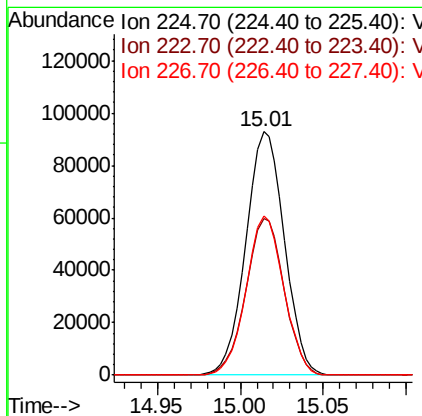
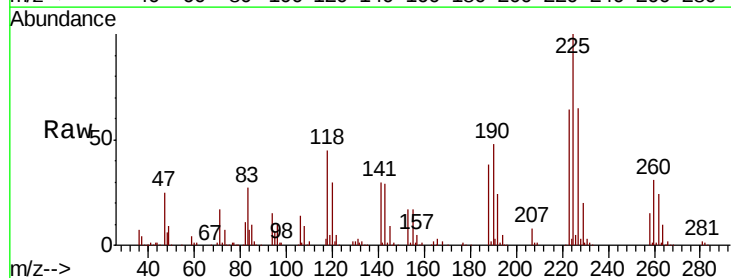
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

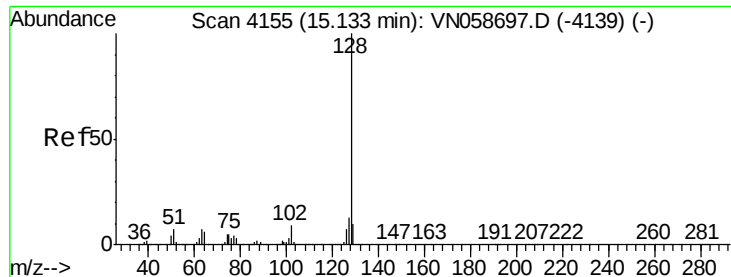
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.2
145	30.7	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 48.368 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN058770.D
 Acq: 14 Oct 2019 23:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.3	96.8
227	63.7	32.4	97.0





#95

Naphthalene

Concen: 50.656 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Instrument :

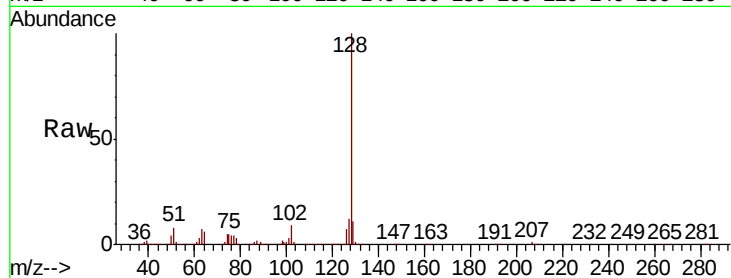
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 857399

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.6	8.5	12.7

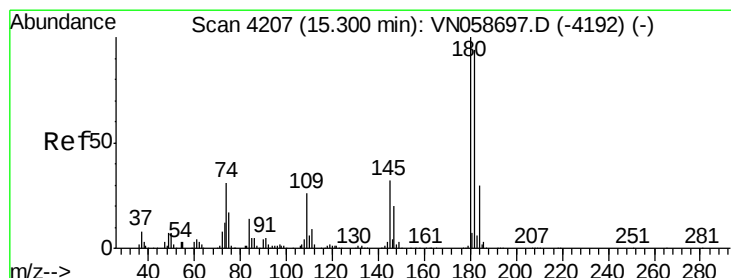
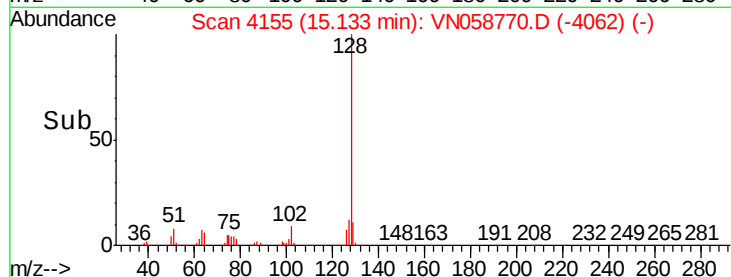
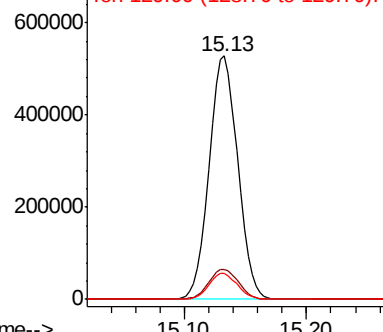


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.465 ug/l

RT: 15.30 min Scan# 4207

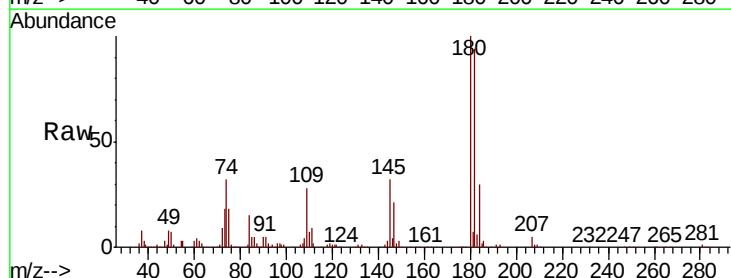
Delta R.T. -0.00 min

Lab File: VN058770.D

Acq: 14 Oct 2019 23:33

Tgt Ion:180 Resp: 278670

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	32.1	16.2	48.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

