

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090919\
 Data File : VN057794.D
 Acq On : 9 Sep 2019 12:08
 Operator : JC/SP
 Sample : VN0909WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Quant Time: Sep 09 12:36:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	70144	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	421794	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	369263	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	184393	29.72	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.07%
60) 4-Bromofluorobenzene	12.40	95	184908	29.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.53%
63) Toluene-d8	10.08	98	543320	30.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	85050	20.068	ug/l 99
3) Chloromethane	2.03	50	108735	20.576	ug/l 97
4) Vinyl Chloride	2.16	62	111606	20.642	ug/l 97
5) Bromomethane	2.54	94	69519	20.603	ug/l 91
6) Chloroethane	2.68	64	70888	21.097	ug/l 98
7) Trichlorofluoromethane	2.99	101	128474	20.568	ug/l 98
8) Diethyl Ether	3.39	74	52140	20.691	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	81356	20.858	ug/l 99
10) 1,1-Dichloroethene	3.72	96	75134	20.257	ug/l 93
11) Methyl Iodide	3.93	142	95820	19.309	ug/l 98
12) Methyl Acetate	4.31	43	100048	19.656	ug/l 93
13) Acrolein	3.59	56	23584	85.397	ug/l 100
14) Acrylonitrile	4.96	53	208391	100.430	ug/l # 91
15) Acetone	3.80	58	59052	100.244	ug/l 93
16) Carbon Disulfide	4.03	76	163170	18.892	ug/l 98
17) Allyl chloride	4.30	41	133186	19.597	ug/l 93
18) Methylene Chloride	4.53	84	93487	20.002	ug/l 96
19) trans-1,2-Dichloroethene	5.02	96	83637	20.232	ug/l 90
20) Diisopropyl ether	5.93	45	317603	19.989	ug/l 98
21) 1,1-Dichloroethane	5.83	63	174163	19.879	ug/l 98
22) cis-1,2-Dichloroethene	6.81	96	103566	20.447	ug/l 97
23) tert-Butyl Alcohol	4.77	59	69324	102.339	ug/l # 100
24) Methyl tert-Butyl Ether	5.02	73	282985	19.906	ug/l # 100
25) Chloroform	7.36	83	176939	19.838	ug/l 99
26) Cyclohexane	7.64	56	142612	19.374	ug/l # 100
29) 1,1-Dichloropropene	7.78	75	129284	19.484	ug/l 99
30) 2-Butanone	6.82	43	300090	100.302	ug/l 100
31) 2,2-Dichloropropane	6.81	77	132038	18.848	ug/l 98
32) 1,1,1-Trichloroethane	7.55	97	140738	18.865	ug/l 98
33) Carbon Tetrachloride	7.76	117	115930	19.049	ug/l 98
34) Benzene	8.03	78	387277	19.698	ug/l 99
35) Methacrylonitrile	7.16	41	52765	19.014	ug/l 96
36) 1,2-Dichloroethane	8.11	62	148220	19.427	ug/l 99
37) Trichloroethene	8.83	130	92962	19.467	ug/l 98
38) Methylcyclohexane	9.07	83	142195	18.820	ug/l 98
39) 1,2-Dichloropropane	9.11	63	107562	19.481	ug/l 98
40) Dibromomethane	9.20	93	65972	19.645	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090919\
 Data File : VN057794.D
 Acq On : 9 Sep 2019 12:08
 Operator : JC/SP
 Sample : VN0909WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Quant Time: Sep 09 12:36:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	128503	18.980	ug/l	94
42) Vinyl Acetate	5.87	43	1259919	104.778	ug/l	99
43) Ethyl Acetate	6.91	43	115323	18.893	ug/l #	82
44) Isopropyl Acetate	8.15	43	204243	19.191	ug/l #	92
45) 1,4-Dioxane	9.19	88	33113	395.942	ug/l	97
46) Methyl methacrylate	9.19	41	101654	19.553	ug/l	95
47) n-amyl Acetate	12.07	43	179098	18.319	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	129974	18.032	ug/l	100
49) cis-1,3-Dichloropropene	9.83	75	146935	18.169	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	93602	19.215	ug/l	98
51) Ethyl methacrylate	10.43	69	143834	19.043	ug/l	100
52) 1,3-Dichloropropane	10.71	76	164980	19.367	ug/l	99
53) Dibromochloromethane	10.90	129	83644	17.387	ug/l	99
54) 1,2-Dibromoethane	11.00	107	92636	19.113	ug/l	98
55) 2-Chloroethyl vinyl ether	9.69	63	353278	98.434	ug/l	99
56) Bromoform	12.13	173	50175	16.836	ug/l	97
58) 4-Methyl-2-Pentanone	9.98	43	628818	109.809	ug/l	99
59) 2-Hexanone	10.75	43	452996	105.415	ug/l	99
61) Tetrachloroethene	10.63	164	75790	20.187	ug/l	97
62) Toluene	10.15	91	418795	20.482	ug/l	98
64) Chlorobenzene	11.43	112	253299	19.970	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	85851	19.494	ug/l	99
66) Ethyl Benzene	11.51	91	468835	21.010	ug/l	98
67) m/p-Xylenes	11.62	106	340774	40.010	ug/l	100
68) o-Xylene	11.95	106	166270	19.927	ug/l	97
69) Styrene	11.96	104	280364	19.707	ug/l	99
70) Isopropylbenzene	12.25	105	456645	20.701	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.51	83	139608	20.250	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	164323	26.855	ug/l	73
73) Bromobenzene	12.53	156	104135	19.718	ug/l	96
74) n-propylbenzene	12.59	91	531280	21.080	ug/l	100
75) 2-Chlorotoluene	12.68	91	313973	20.001	ug/l	100
76) 1,3,5-Trimethylbenzene	12.74	105	380748	20.270	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	30105	16.584	ug/l	99
78) 4-Chlorotoluene	12.78	91	316372	19.758	ug/l	99
79) tert-butylbenzene	13.00	119	327176	19.965	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	376442	20.113	ug/l	98
81) sec-Butylbenzene	13.17	105	442710	20.361	ug/l	100
82) p-Isopropyltoluene	13.29	119	393165	20.192	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	189188	19.273	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	183237	18.960	ug/l	97
85) n-Butylbenzene	13.62	91	356573	19.649	ug/l	98
86) Hexachloroethane	13.88	117	54028	17.420	ug/l	98
87) 1,2-Dichlorobenzene	13.66	146	188206	19.751	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.28	75	22751	18.743	ug/l	99
89) 1,2,4-Trichlorobenzene	14.91	180	110784	19.032	ug/l	97
90) Hexachlorobutadiene	15.01	225	52427	19.612	ug/l	98
91) Naphthalene	15.13	128	315204	19.681	ug/l	98
92) 1,2,3-Trichlorobenzene	15.30	180	105566	19.017	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090919\
Data File : VN057794.D
Acq On : 9 Sep 2019 12:08
Operator : JC/SP
Sample : VN0909WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Quant Time: Sep 09 12:36:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 09 12:14:07 2019
Response via : Initial Calibration

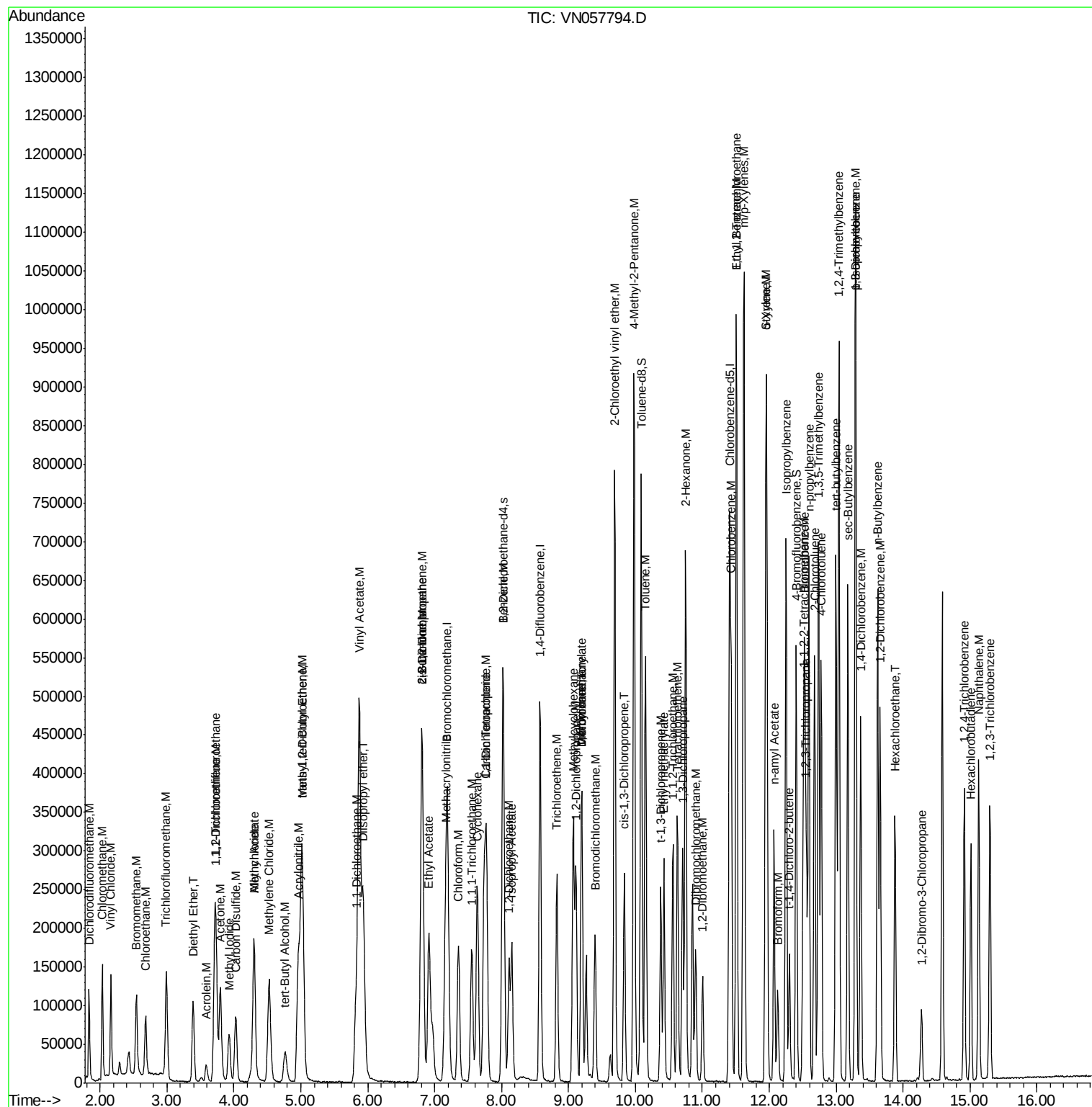
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

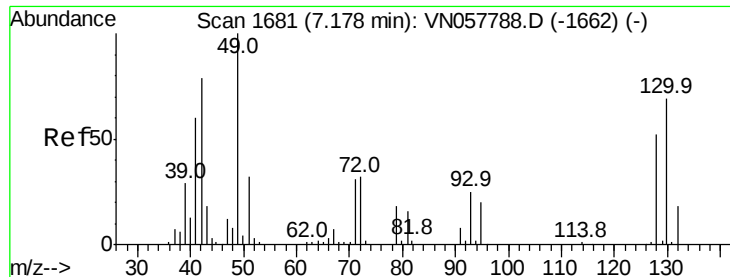
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090919\
 Data File : VN057794.D
 Acq On : 9 Sep 2019 12:08
 Operator : JC/SP
 Sample : VN0909WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Quant Time: Sep 09 12:36:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

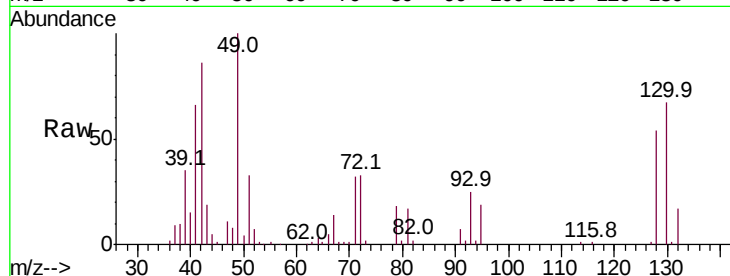
Tot Ion:128 Resp: 70144

Ion Ratio Lower Upper

128 100

49 188.3 0.0 486.5

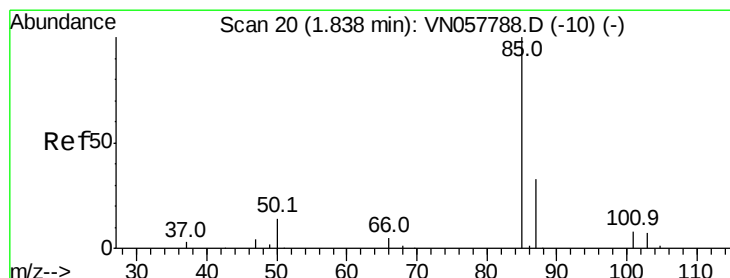
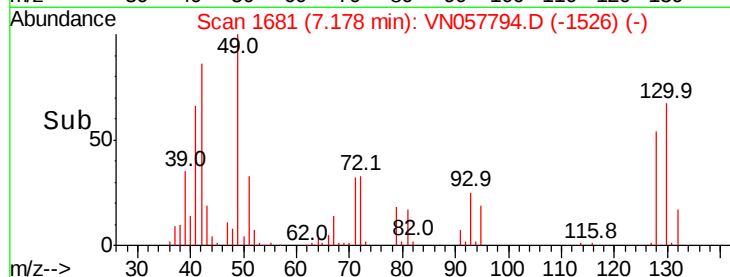
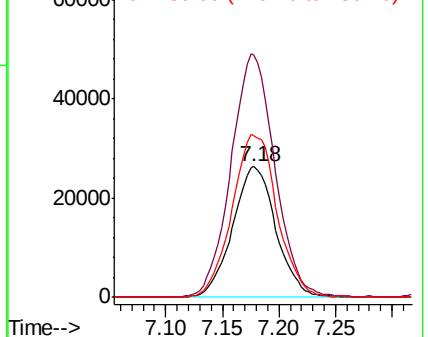
130 129.5 0.0 324.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.068 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN057794.D

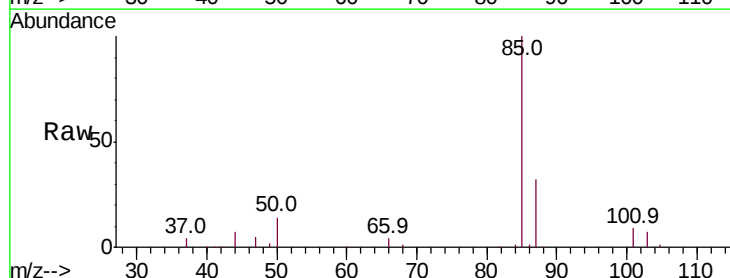
Acq: 9 Sep 2019 12:08

Tgt Ion: 85 Resp: 85050

Ion Ratio Lower Upper

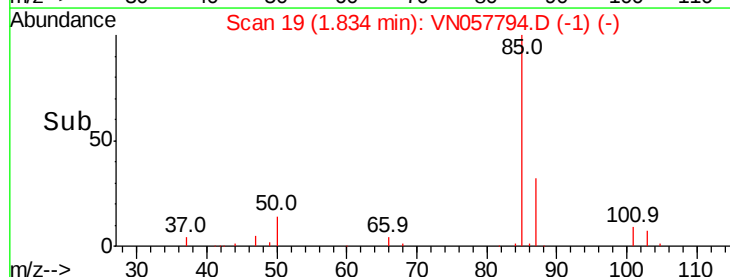
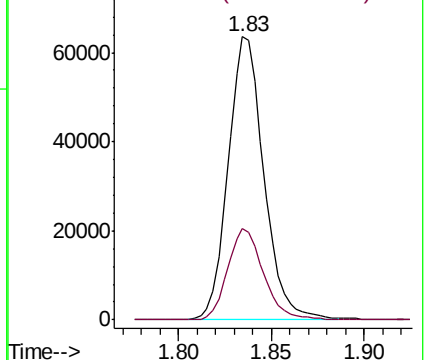
85 100

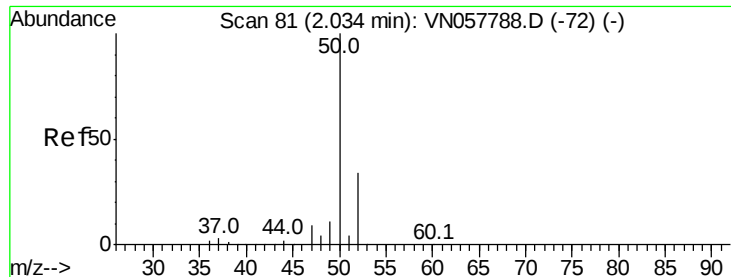
87 32.2 16.4 49.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.576 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

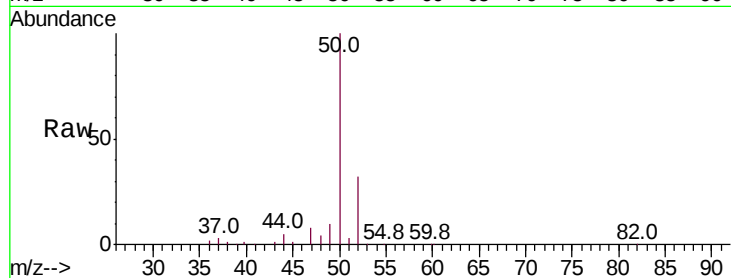
VN0909WBS01

Tot Ion: 50 Resp: 108735

Ion Ratio Lower Upper

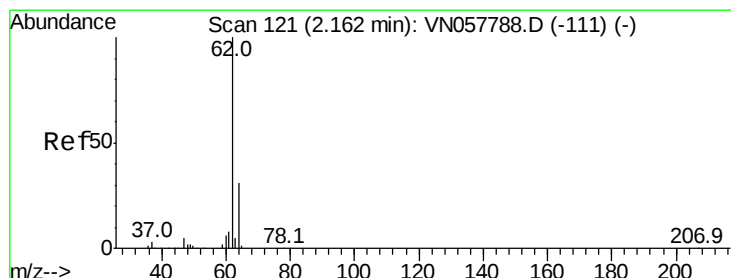
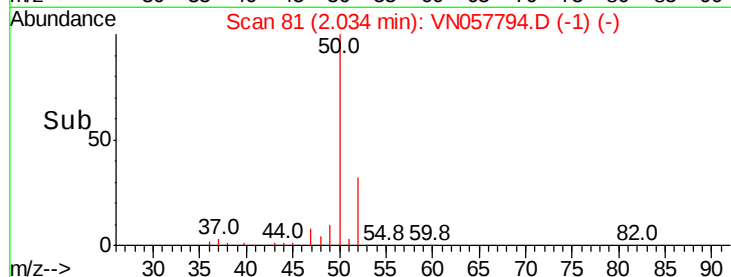
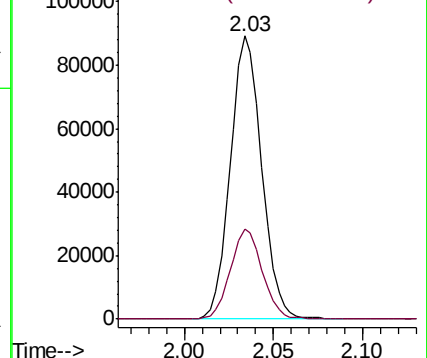
50 100

52 31.7 26.9 40.3



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.642 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN057794.D

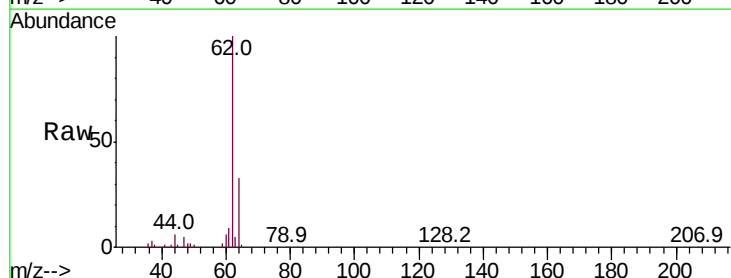
Acq: 9 Sep 2019 12:08

Tgt Ion: 62 Resp: 111606

Ion Ratio Lower Upper

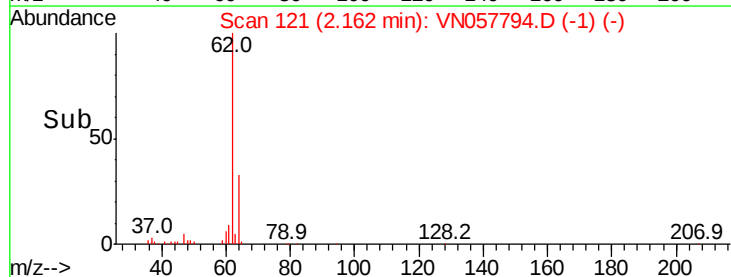
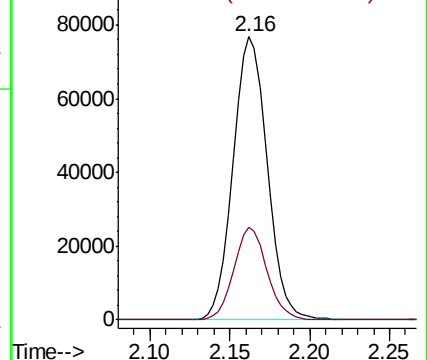
62 100

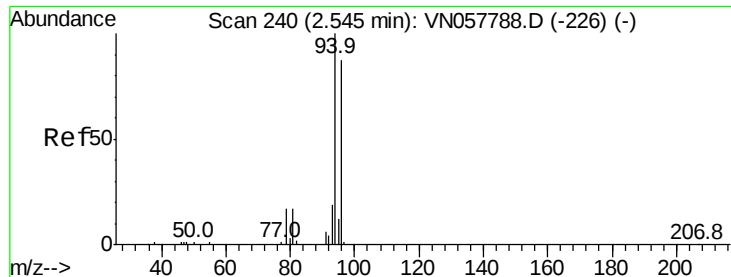
64 32.7 25.0 37.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 20.603 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

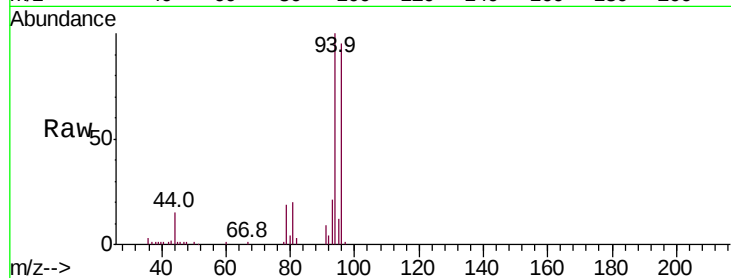
VN0909WBS01

Tot Ion: 94 Resp: 69519

Ion Ratio Lower Upper

94 100

96 95.0 69.2 103.8



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.54

40000

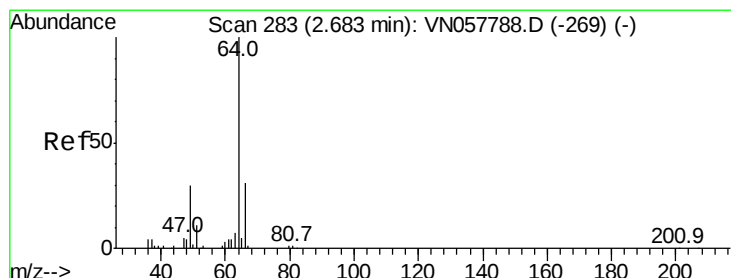
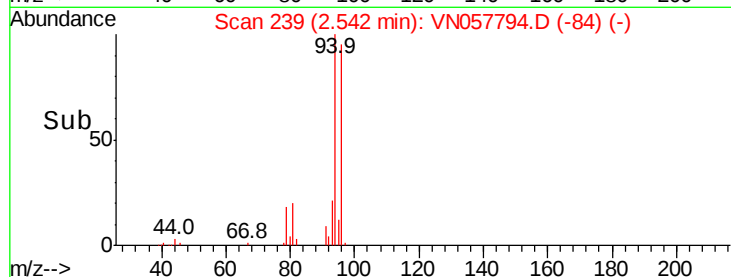
30000

20000

10000

0

Time--> 2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 21.097 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN057794.D

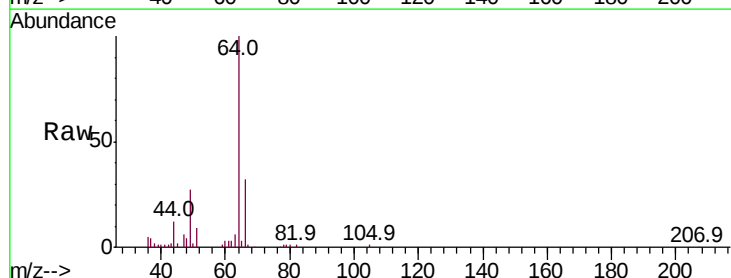
Acq: 9 Sep 2019 12:08

Tgt Ion: 64 Resp: 70888

Ion Ratio Lower Upper

64 100

66 31.6 24.4 36.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.68

40000

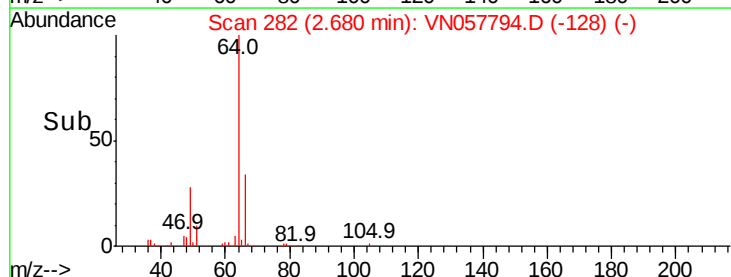
30000

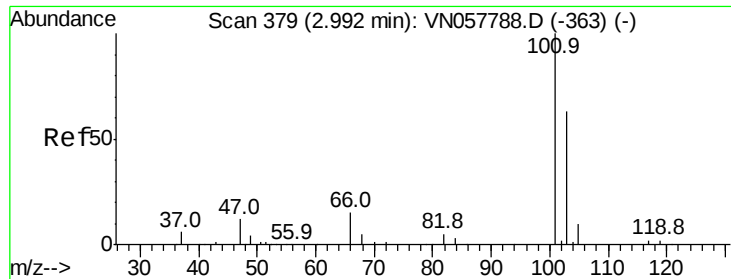
20000

10000

0

Time--> 2.60 2.65 2.70 2.75



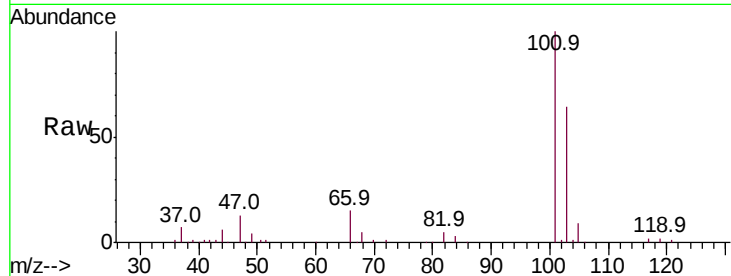


#7

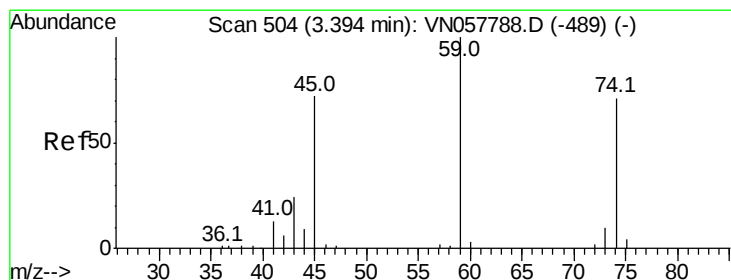
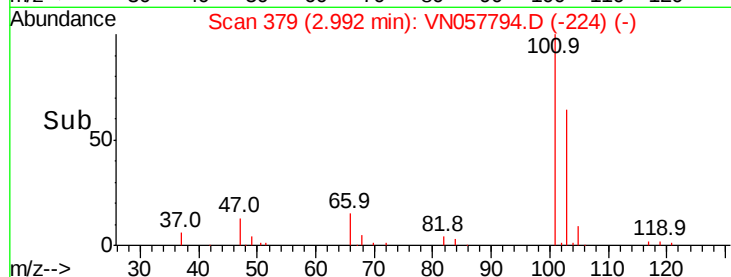
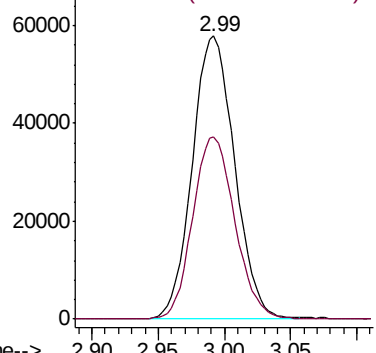
Trichlorofluoromethane
 Concen: 20.568 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Tot Ion:101 Resp: 128474
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.2 75.2



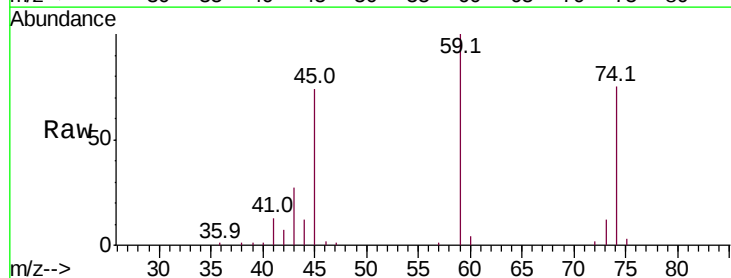
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



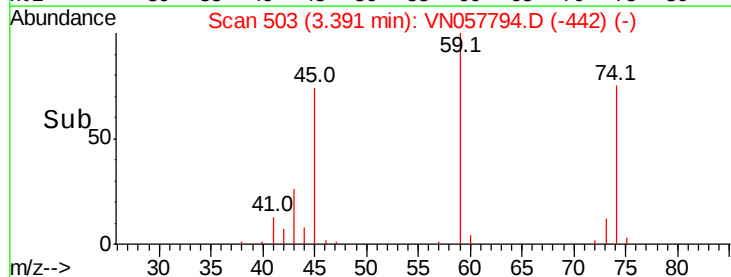
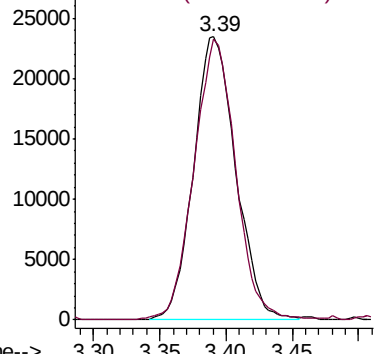
#8

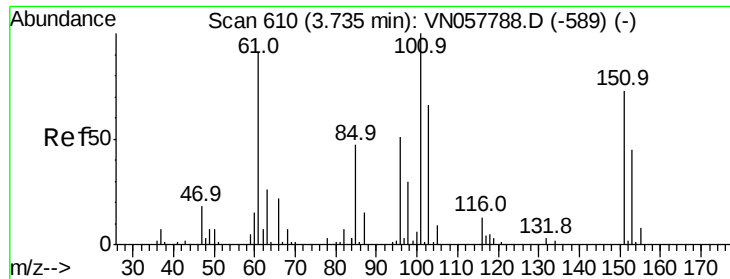
Diethyl Ether
 Concen: 20.691 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Tgt Ion: 74 Resp: 52140
 Ion Ratio Lower Upper
 74 100
 45 97.8 20.3 182.5



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.858 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

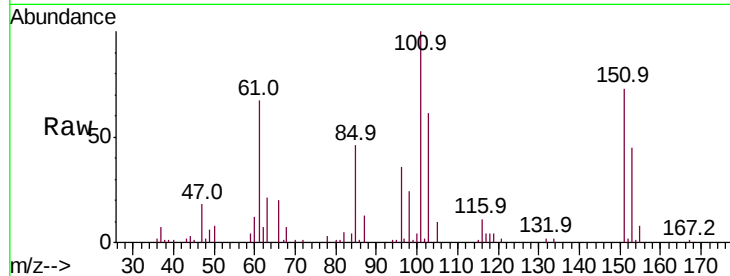
Tot Ion:101 Resp: 81356

Ion Ratio Lower Upper

101 100

85 46.4 0.0 94.0

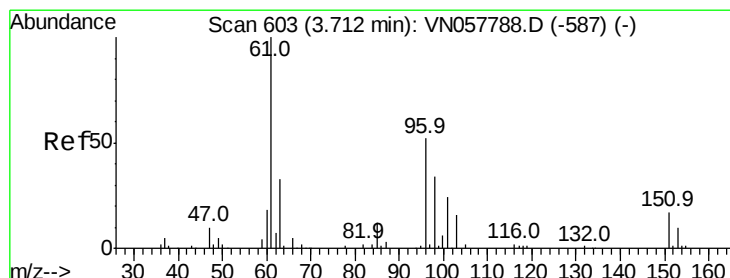
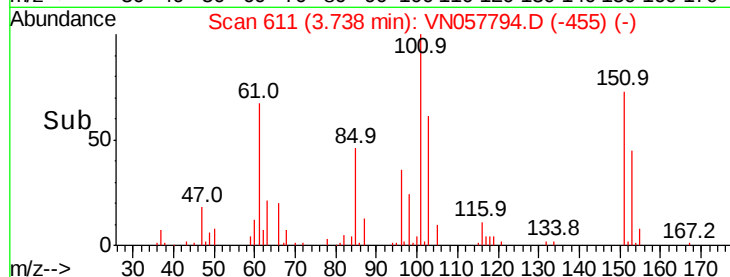
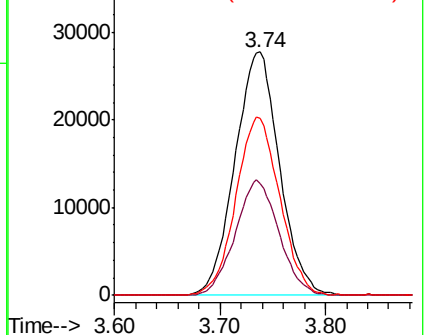
151 72.0 0.0 144.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.257 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

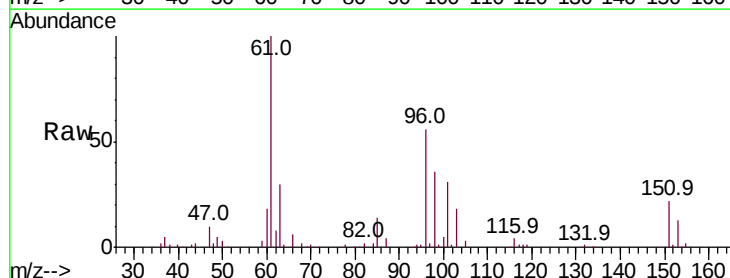
Tgt Ion: 96 Resp: 75134

Ion Ratio Lower Upper

96 100

61 178.6 153.4 230.0

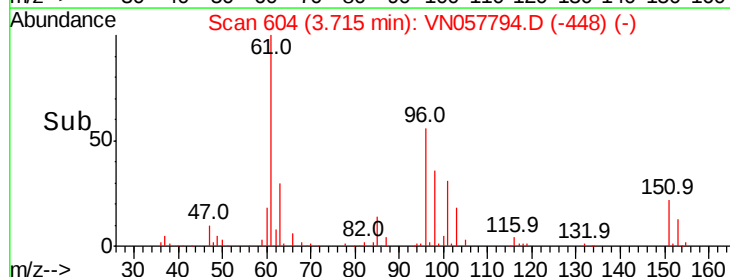
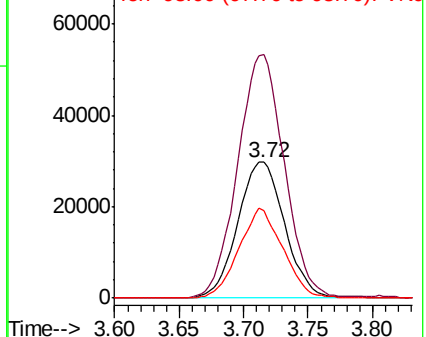
98 64.3 51.5 77.3

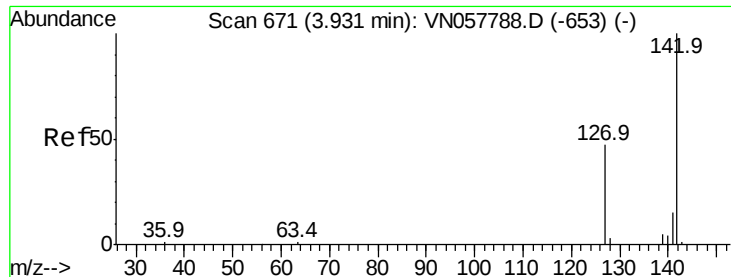


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

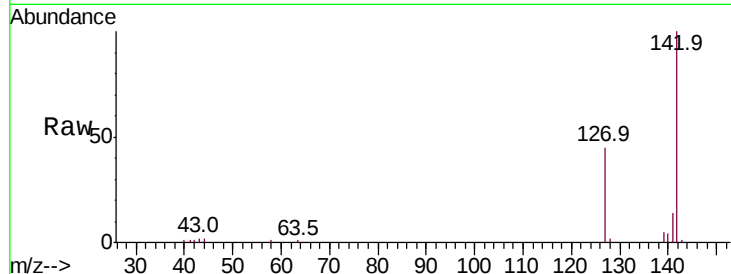




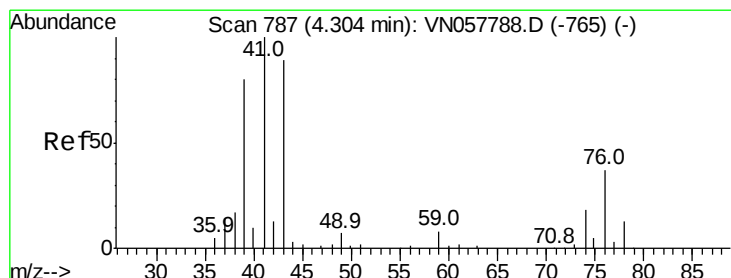
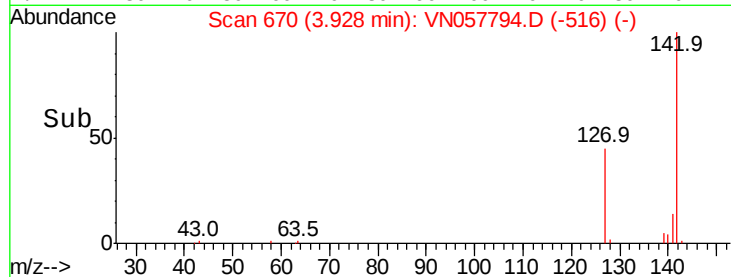
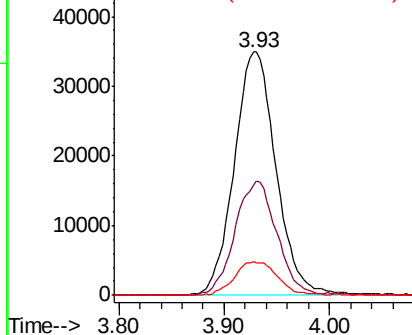
#11
Methyl Iodide
Concen: 19.309 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tot Ion:142 Resp: 95820
Ion Ratio Lower Upper
142 100
127 45.2 23.3 69.8
141 13.5 7.5 22.6

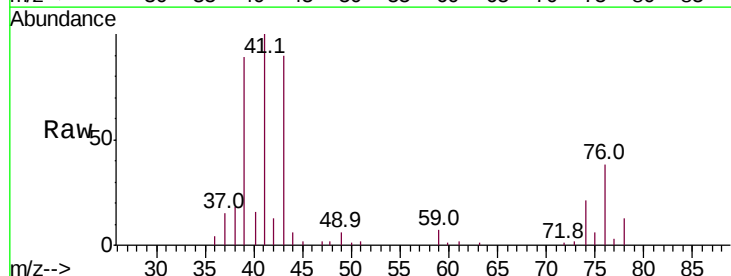


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

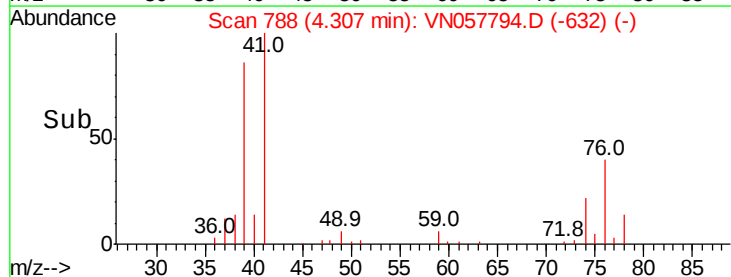
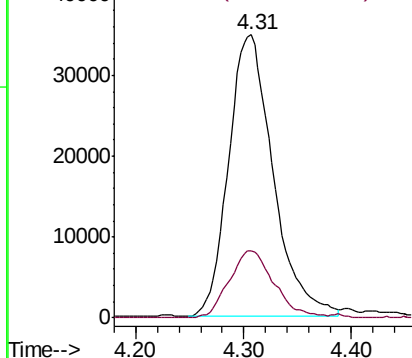


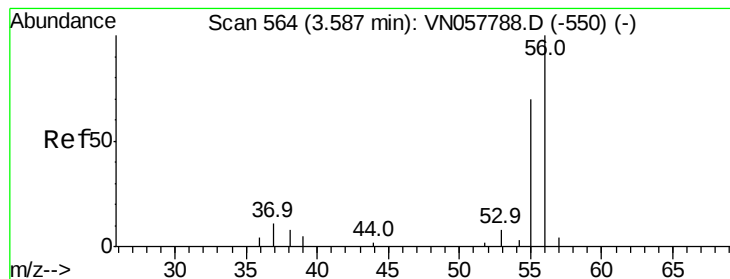
#12
Methyl Acetate
Concen: 19.656 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 43 Resp: 100048
Ion Ratio Lower Upper
43 100
74 23.5 16.2 24.4



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





#13

Acrolein

Concen: 85.397 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

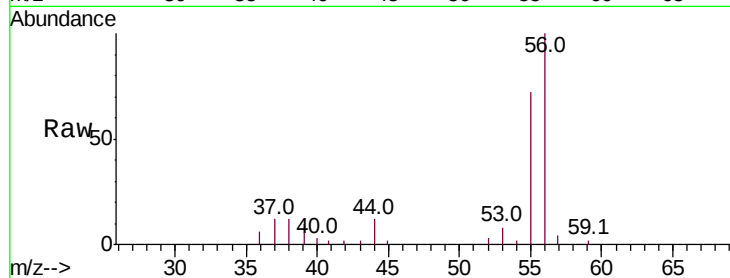
VN0909WBS01

Tot Ion: 56 Resp: 23584

Ion Ratio Lower Upper

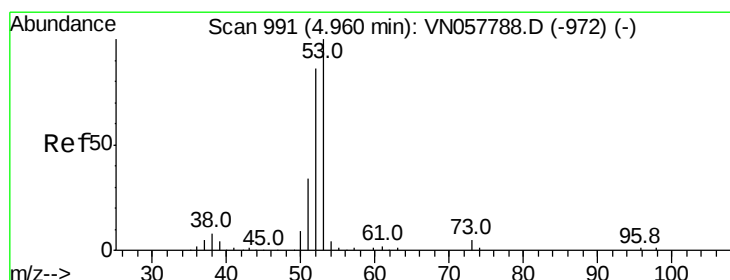
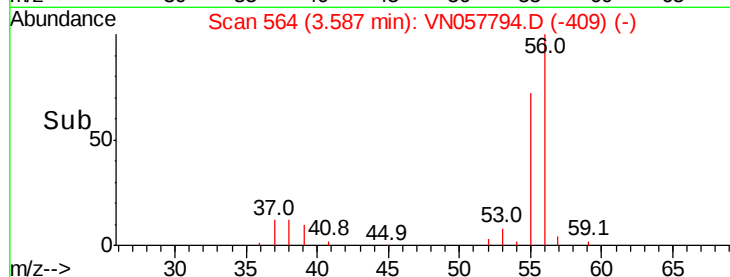
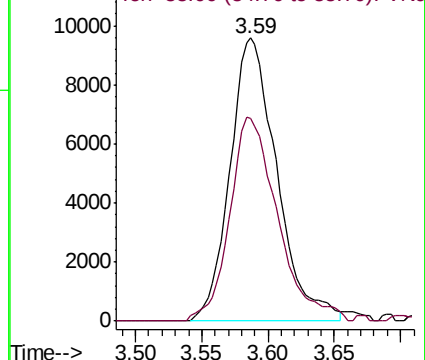
56 100

55 73.8 59.0 88.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 100.430 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

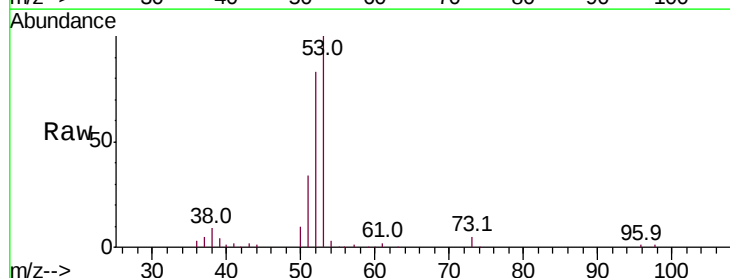
Tgt Ion: 53 Resp: 208391

Ion Ratio Lower Upper

53 100

52 83.0 41.0 123.0

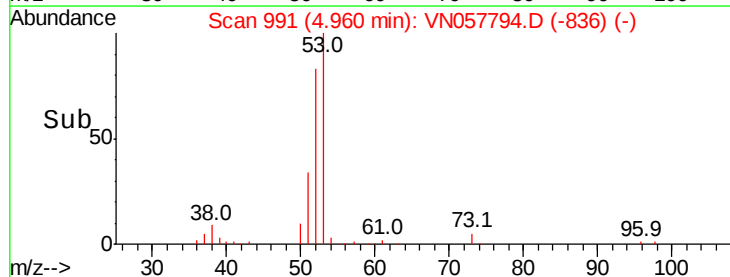
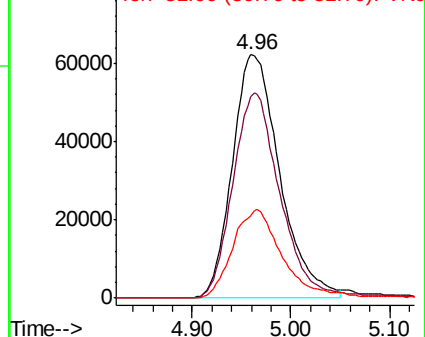
51 37.0 8.6 25.8#

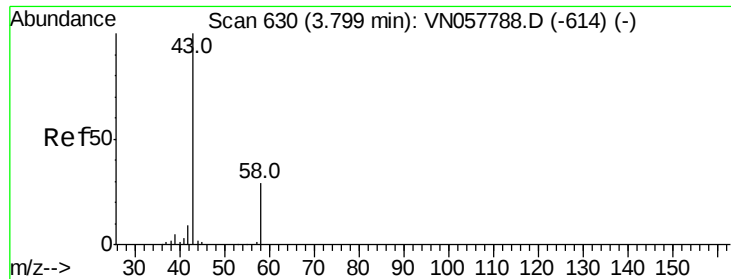


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 100.244 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

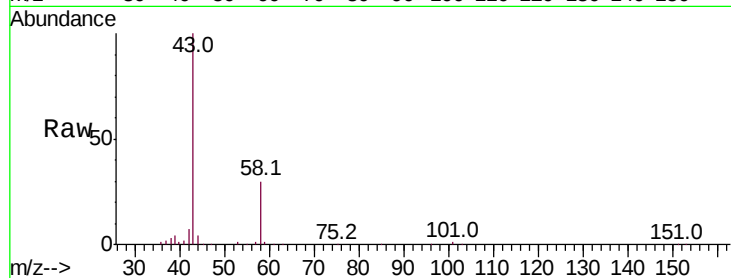
VN0909WBS01

Tot Ion: 58 Resp: 59052

Ion Ratio Lower Upper

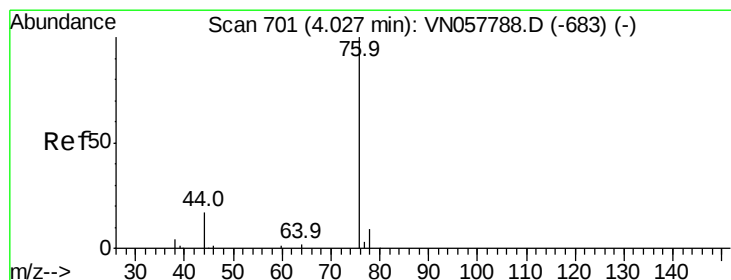
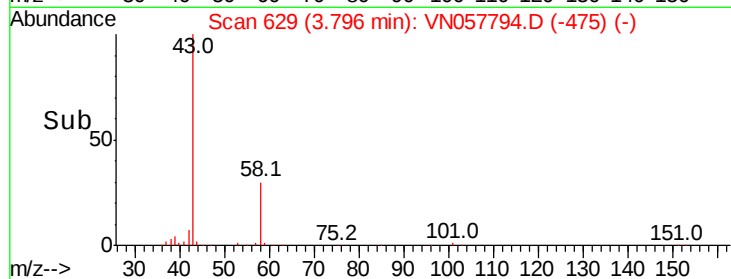
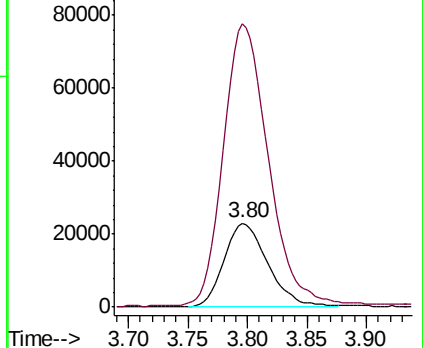
58 100

43 332.5 277.7 416.5



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 18.892 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN057794.D

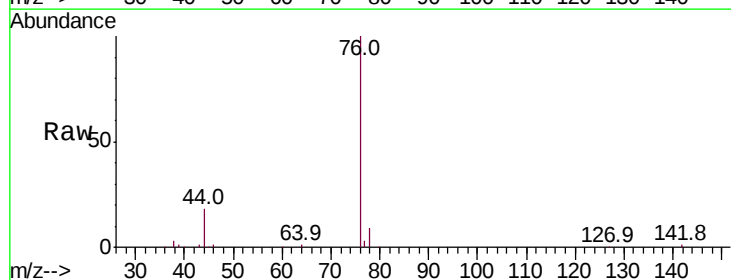
Acq: 9 Sep 2019 12:08

Tgt Ion: 76 Resp: 163170

Ion Ratio Lower Upper

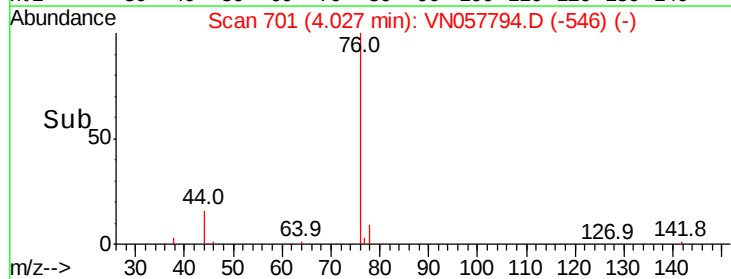
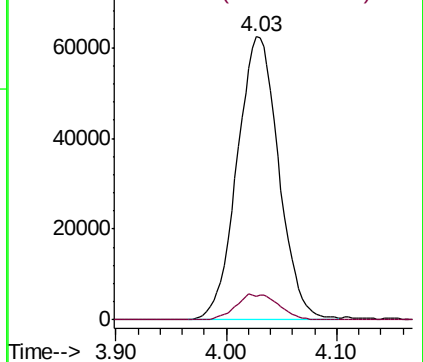
76 100

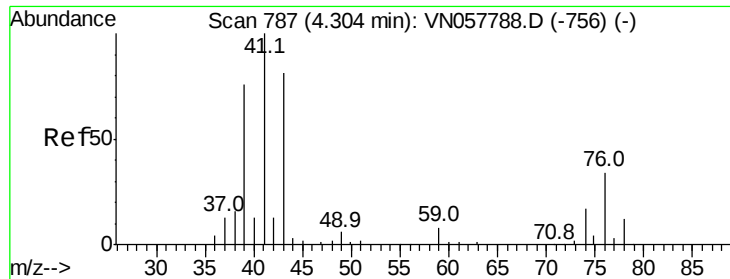
78 8.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

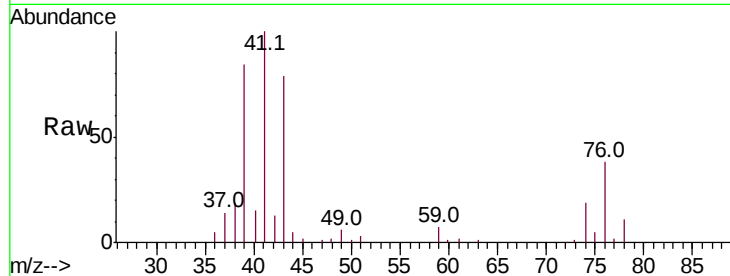




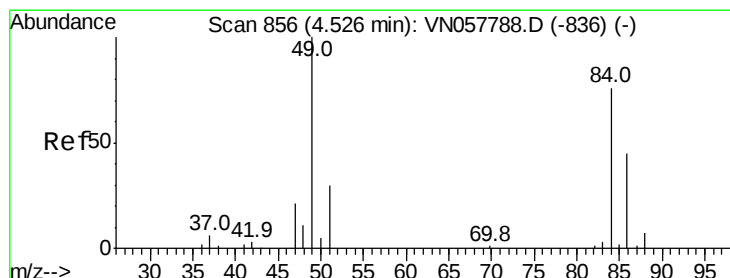
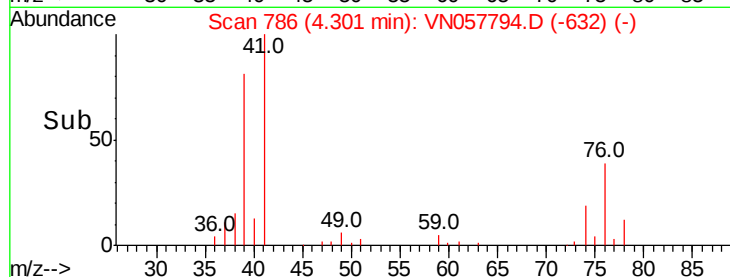
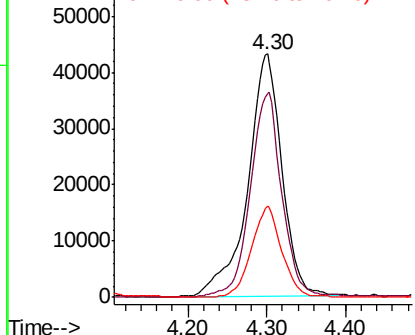
#17
Allvl chloride
Concen: 19.597 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tot Ion: 41 Resp: 133186
Ion Ratio Lower Upper
41 100
39 83.8 38.5 115.3
76 37.9 17.2 51.6

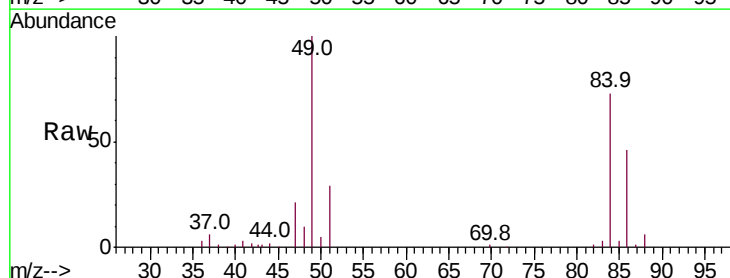


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 76.00 (75.70 to 76.70): VNC

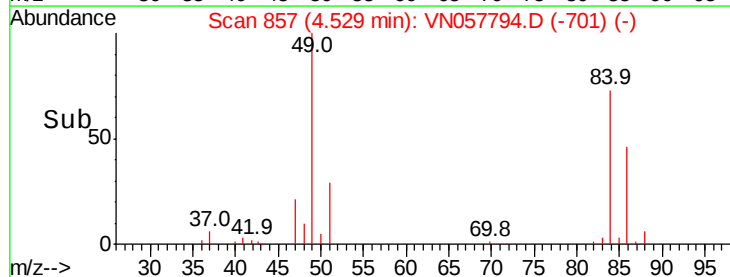
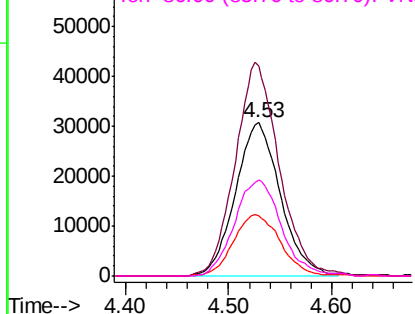


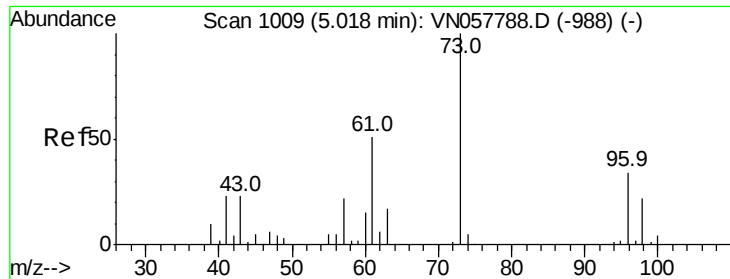
#18
Methylene Chloride
Concen: 20.002 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 84 Resp: 93487
Ion Ratio Lower Upper
84 100
49 136.7 105.4 158.2
51 39.6 31.3 46.9
86 62.5 47.3 70.9



Abundance Ion 84.00 (83.70 to 84.70): VNC
Ion 49.00 (48.70 to 49.70): VNC
Ion 51.00 (50.70 to 51.70): VNC
Ion 86.00 (85.70 to 86.70): VNC

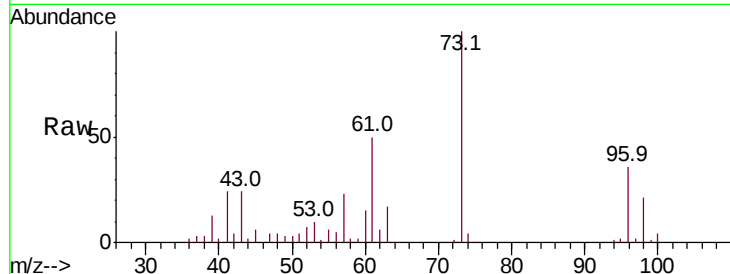




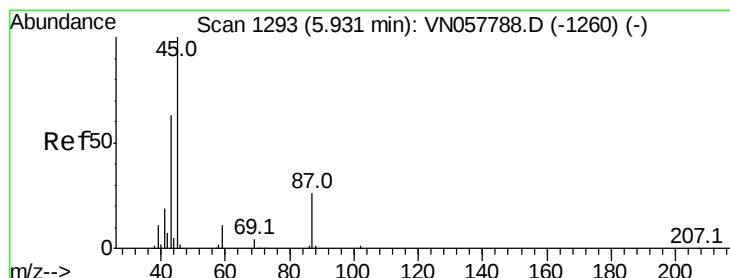
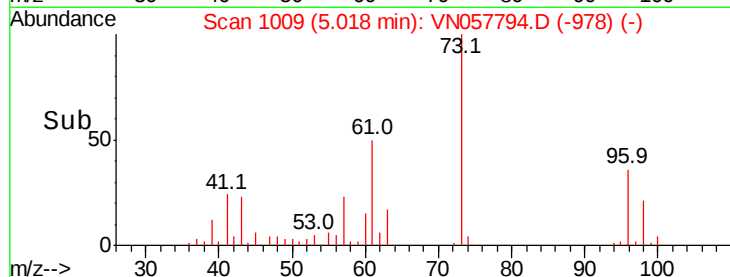
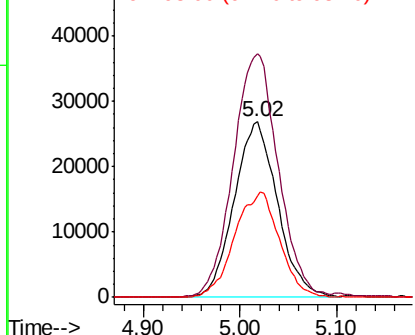
#19
trans-1,2-Dichloroethene
Concen: 20.232 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tot Ion: 96 Resp: 83637
Ion Ratio Lower Upper
96 100
61 137.6 121.0 181.6
98 58.0 52.7 79.1

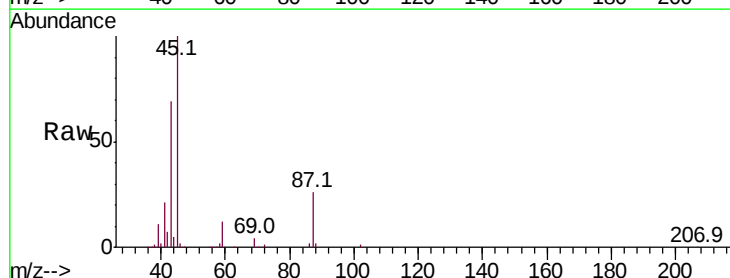


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

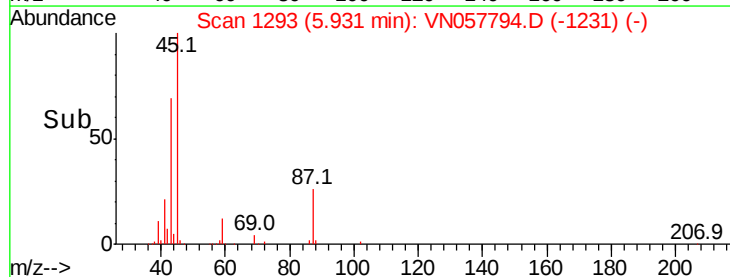
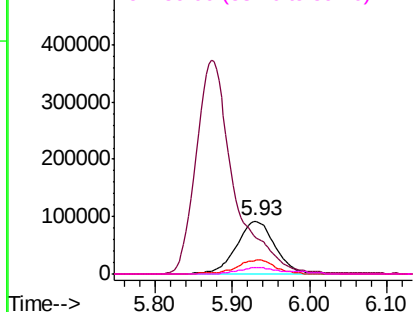


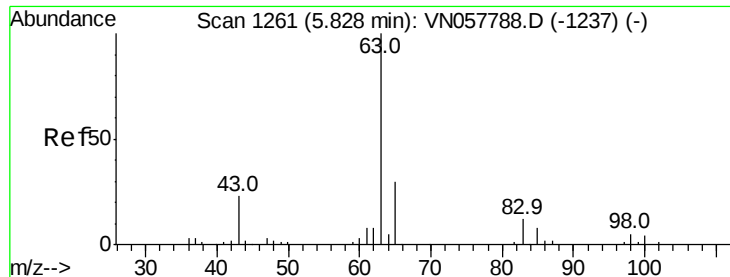
#20
Diisopropyl ether
Concen: 19.989 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 45 Resp: 317603
Ion Ratio Lower Upper
45 100
43 67.5 55.2 82.8
87 25.9 21.3 31.9
59 12.0 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0



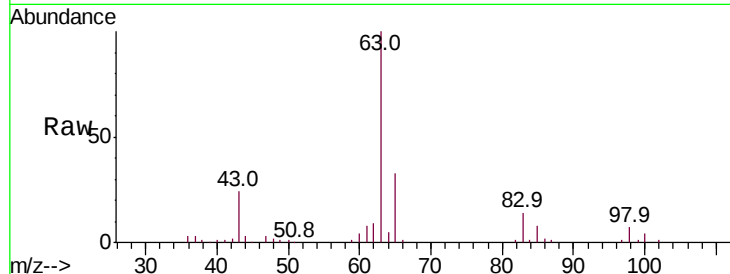


#21
 1,1-Dichloroethane
 Concen: 19.879 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

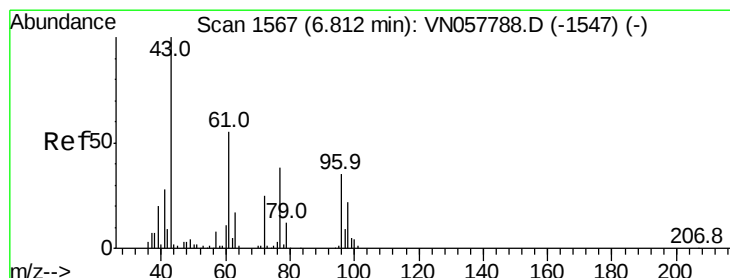
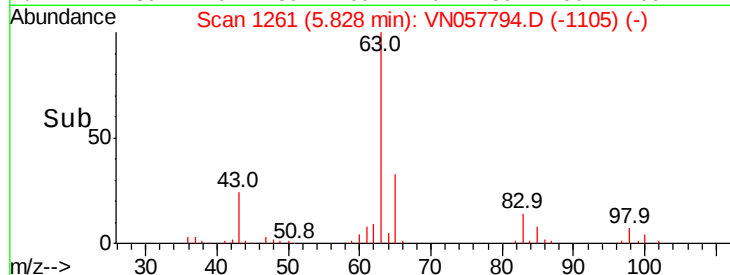
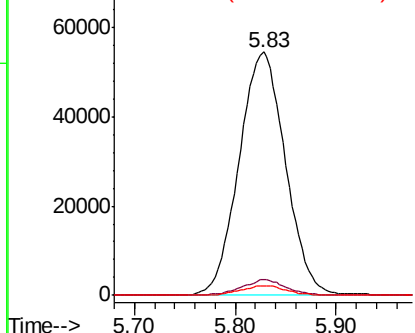
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Tot Ion: 63 Resp: 174163

Ion	Ratio	Lower	Upper
63	100		
98	6.6	2.8	8.3
100	4.1	1.8	5.5



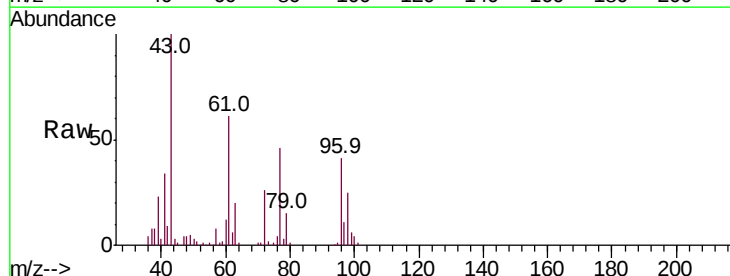
Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0



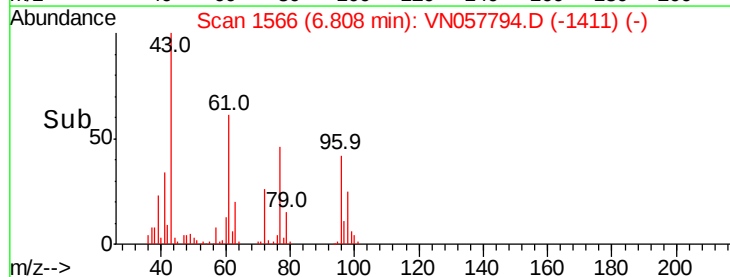
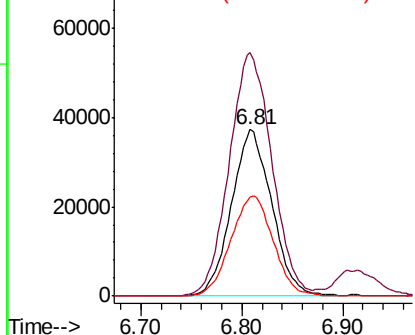
#22
 cis-1,2-Dichloroethene
 Concen: 20.447 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

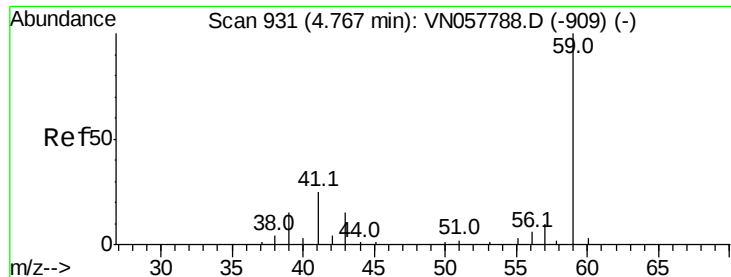
Tgt Ion: 96 Resp: 103566

Ion	Ratio	Lower	Upper
96	100		
61	154.4	127.4	191.0
98	62.9	51.5	77.3



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0



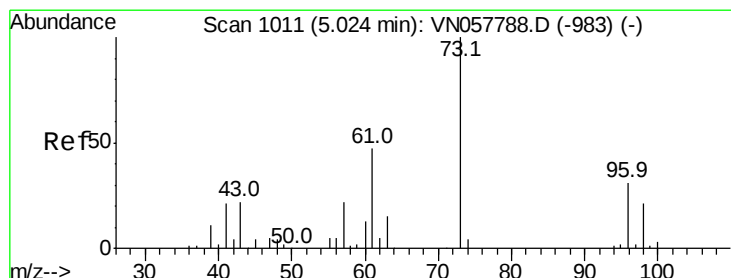
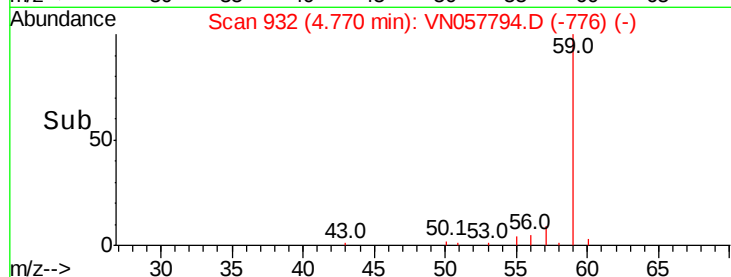
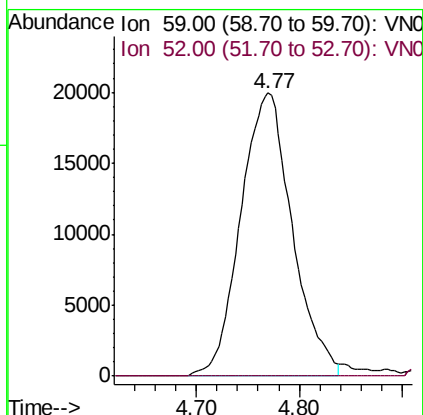
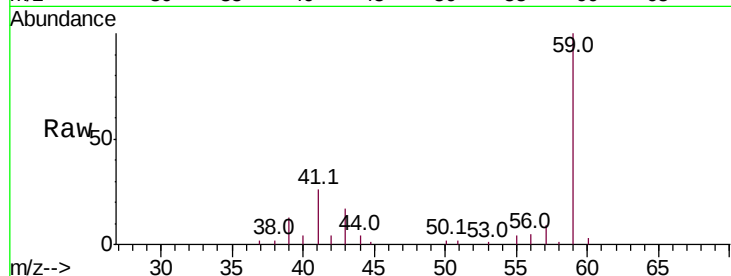


#23

tert-Butyl Alcohol
 Concen: 102.339 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

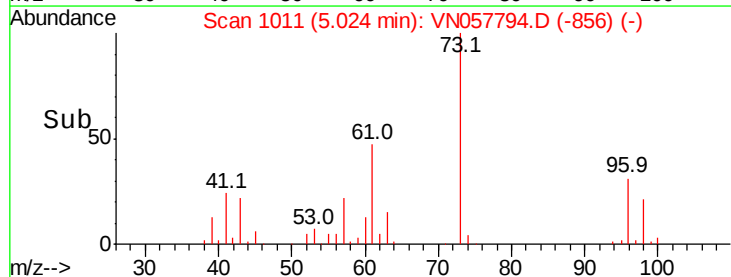
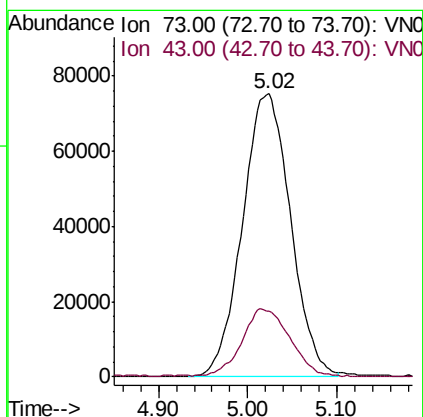
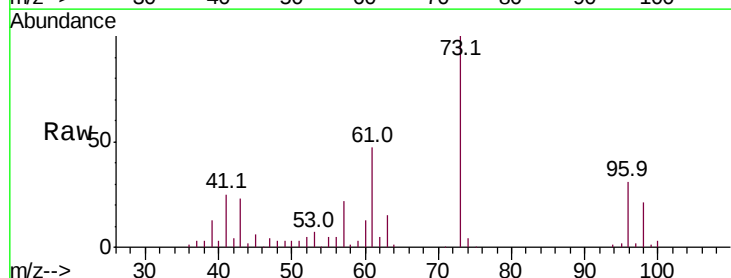
Tot Ion: 59 Resp: 69324
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

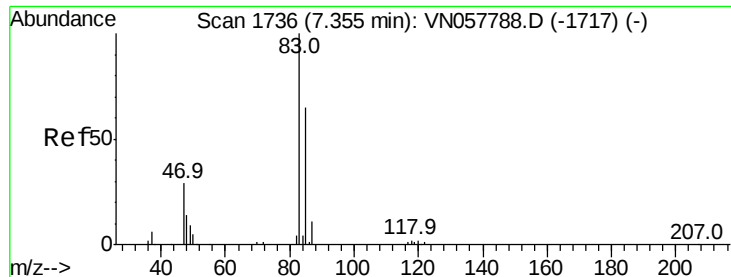


#24

Methyl tert-Butyl Ether
 Concen: 19.906 ug/l
 RT: 5.02 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Tgt Ion: 73 Resp: 282985
 Ion Ratio Lower Upper
 73 100
 43 23.4 0.0 0.0#





#25

Chloroform

Concen: 19.838 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

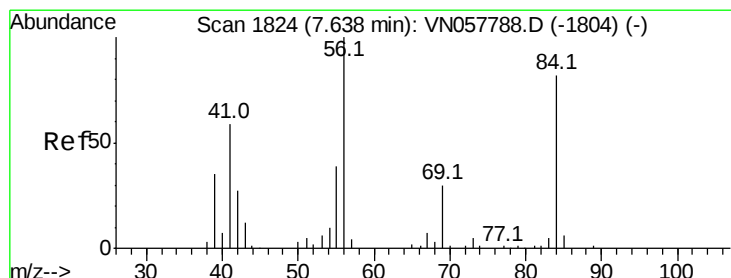
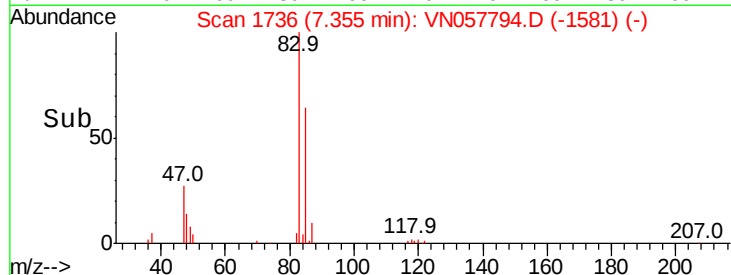
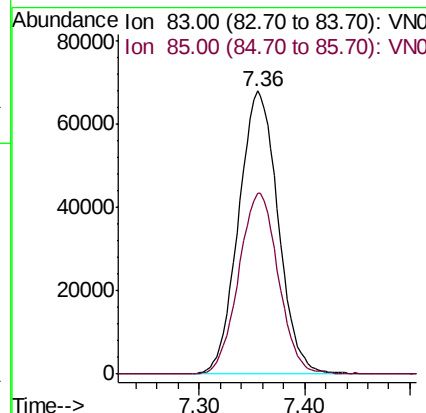
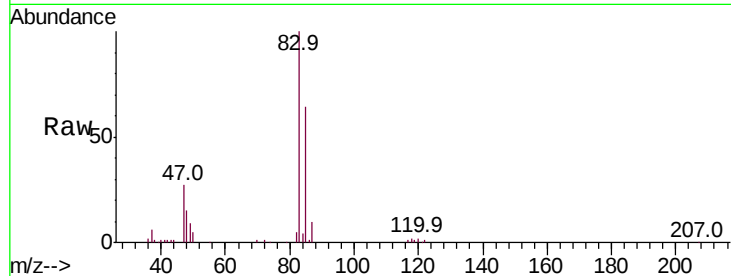
VN0909WBS01

Tot Ion: 83 Resp: 176939

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6



#26

Cyclohexane

Concen: 19.374 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

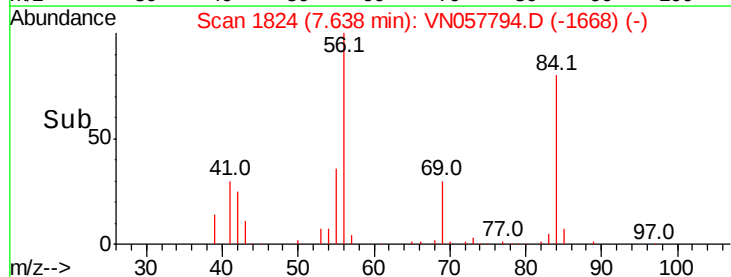
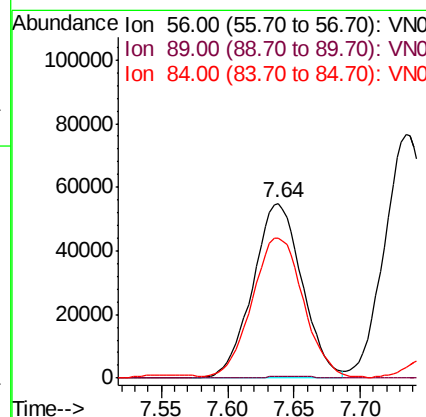
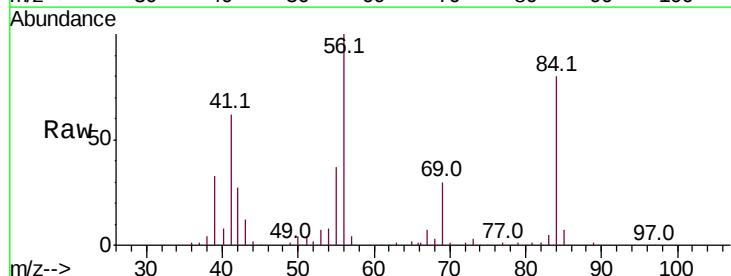
Tgt Ion: 56 Resp: 142612

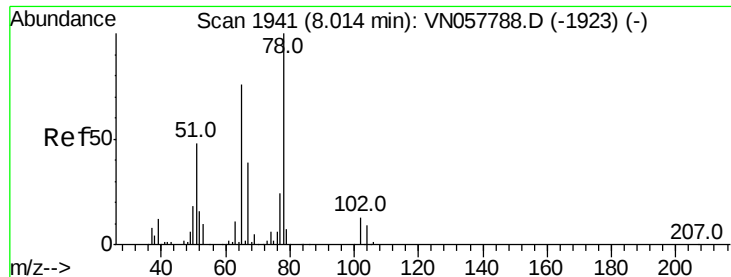
Ion Ratio Lower Upper

56 100

89 0.8 0.3 0.5#

84 83.0 66.6 100.0





#27

1,2-Dichloroethane-d4

Concen: 29.719 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

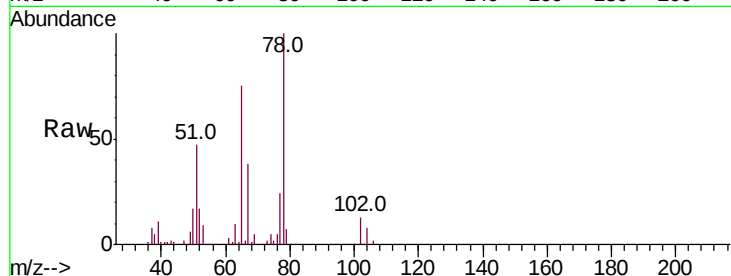
VN0909WBS01

Tot Ion: 65 Resp: 184393

Ion Ratio Lower Upper

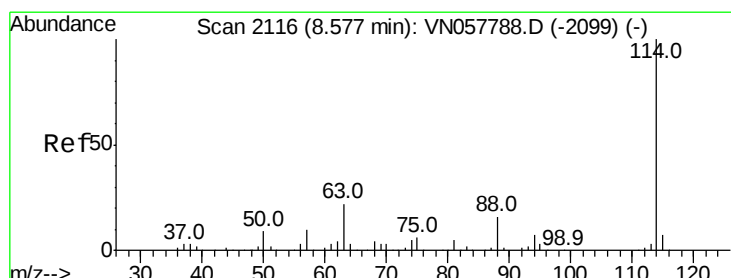
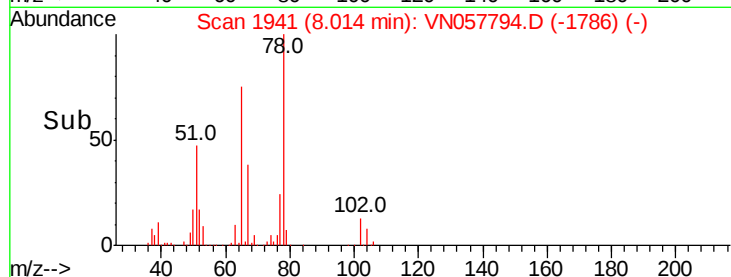
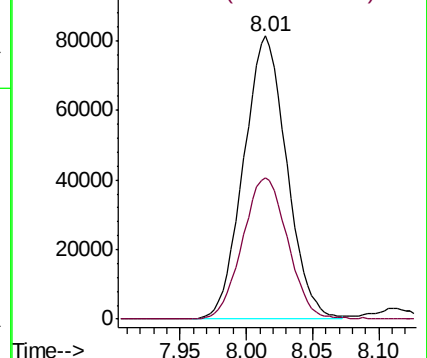
65 100

67 52.1 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

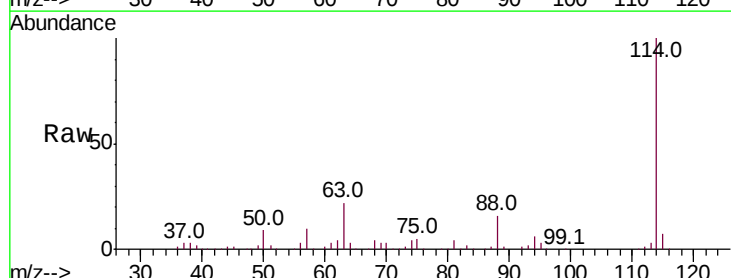
Tgt Ion: 114 Resp: 421794

Ion Ratio Lower Upper

114 100

63 22.5 18.0 27.0

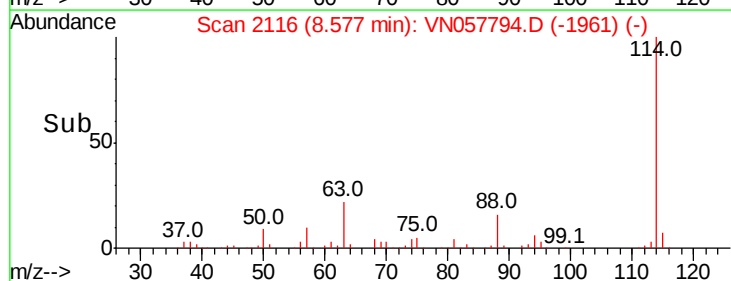
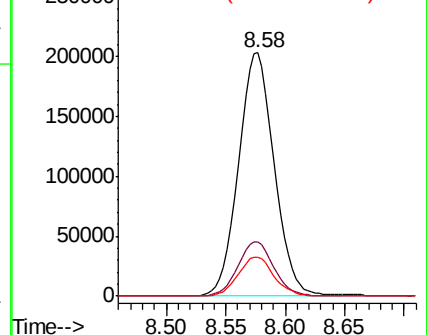
88 16.1 12.6 19.0

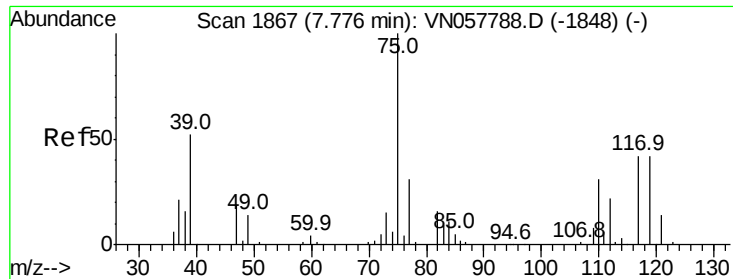


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

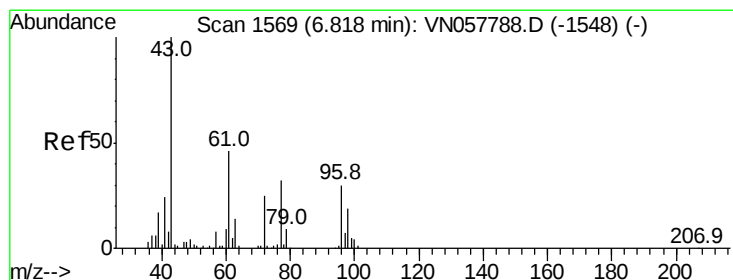
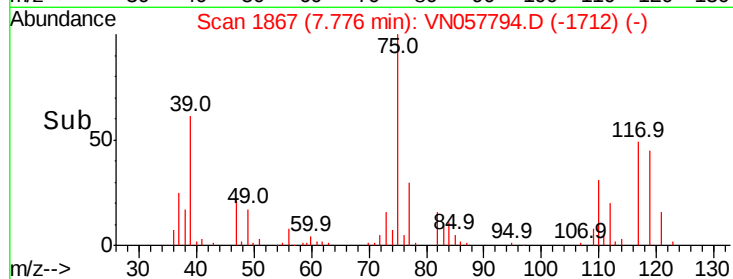
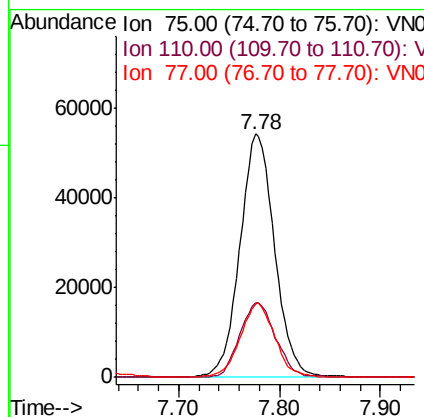
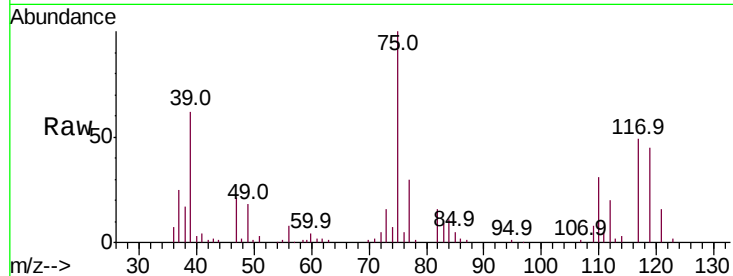




#29
 1,1-Dichloropropene
 Concen: 19.484 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

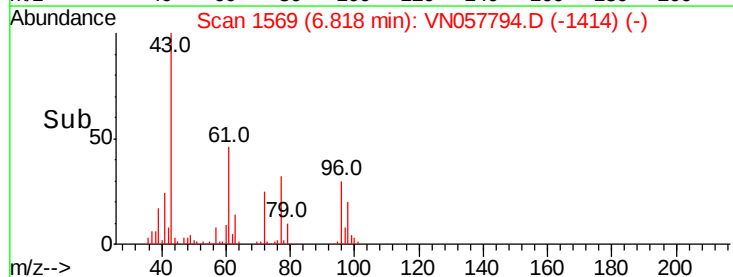
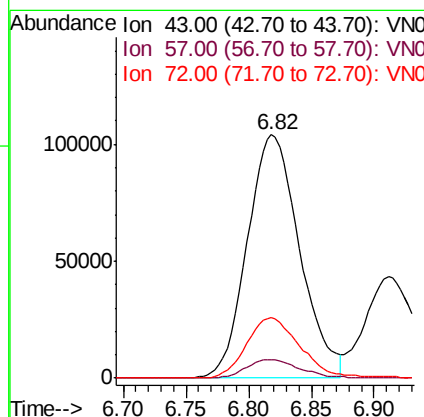
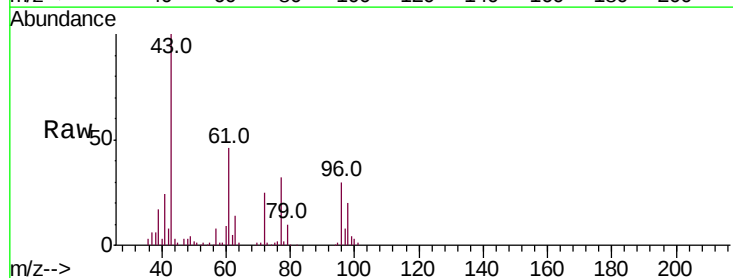
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

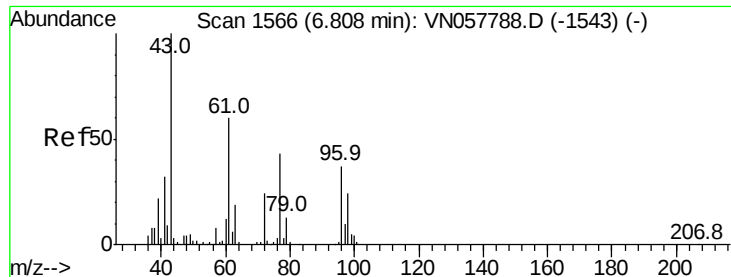
Tot Ion	Ratio	Lower	Upper
75	100		
110	31.5	0.0	63.8
77	30.4	0.0	60.0



#30
 2-Butanone
 Concen: 100.302 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.4	9.6
72	25.6	20.3	30.5

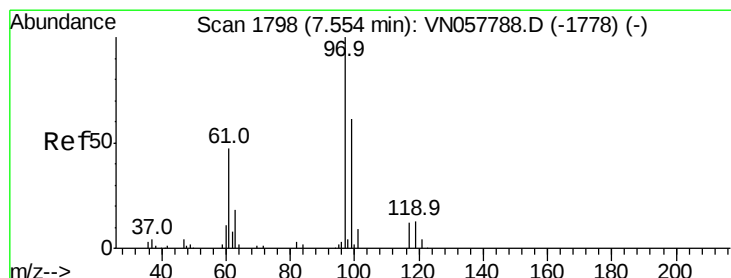
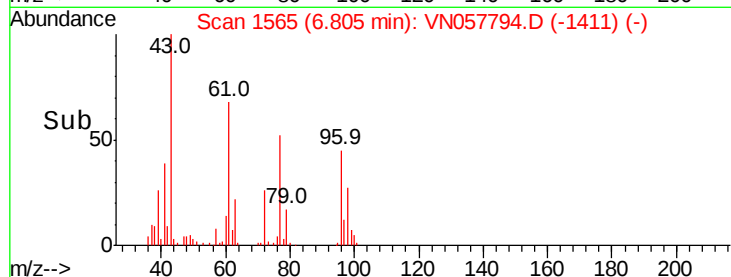
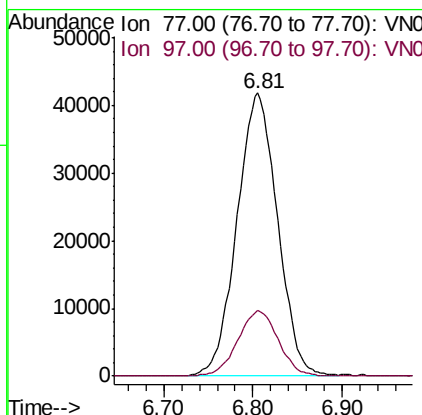
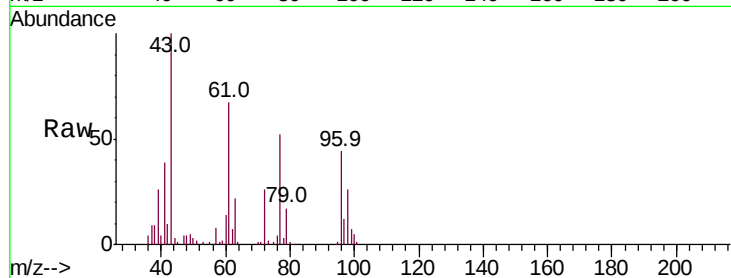




#31
 2,2-Dichloropropane
 Concen: 18.848 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

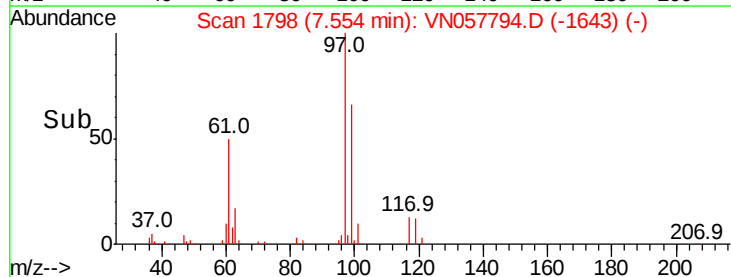
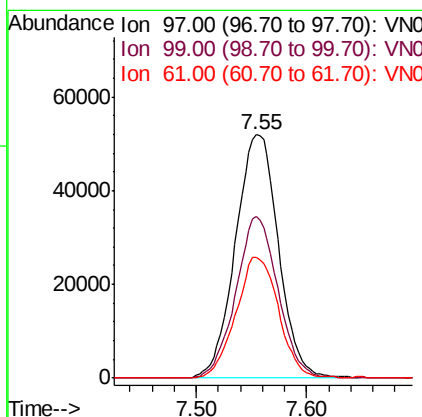
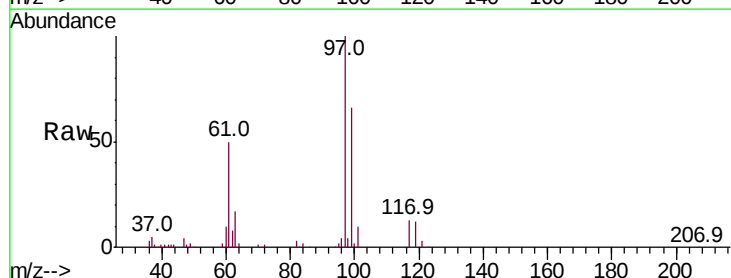
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

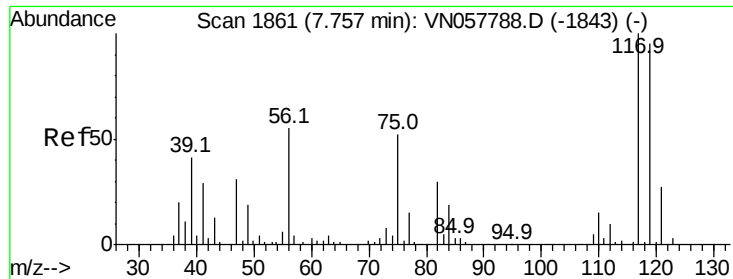
Tot Ion: 77 Resp: 132038
 Ion Ratio Lower Upper
 77 100
 97 23.1 17.7 26.5



#32
 1,1,1-Trichloroethane
 Concen: 18.865 ug/l
 RT: 7.55 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Tgt Ion: 97 Resp: 140738
 Ion Ratio Lower Upper
 97 100
 99 64.6 49.8 74.8
 61 49.3 38.7 58.1

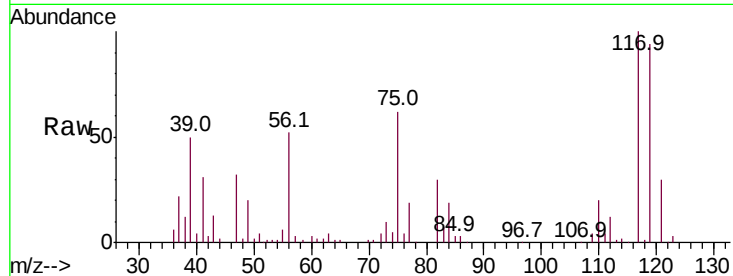




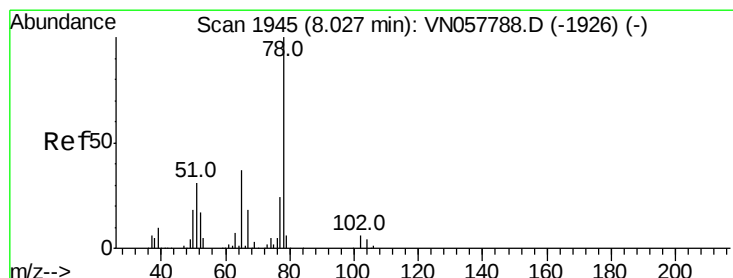
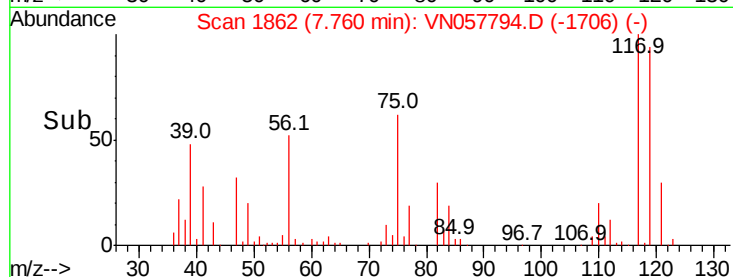
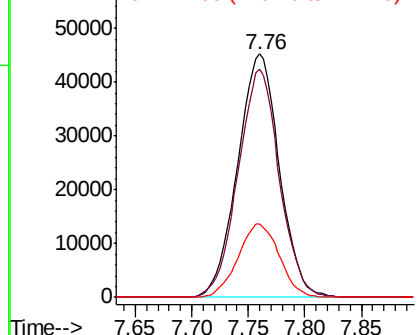
#33
Carbon Tetrachloride
Concen: 19.049 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tot Ion:117 Resp: 115930
Ion Ratio Lower Upper
117 100
119 93.9 75.7 113.5
121 30.2 21.7 32.5

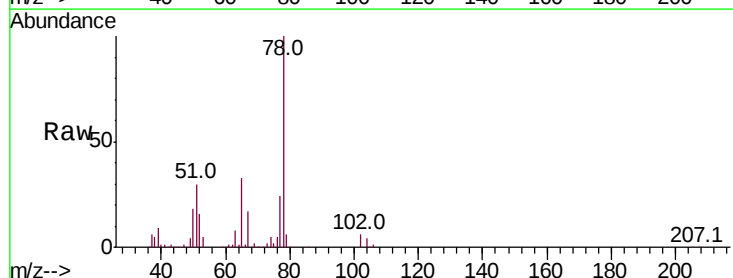


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

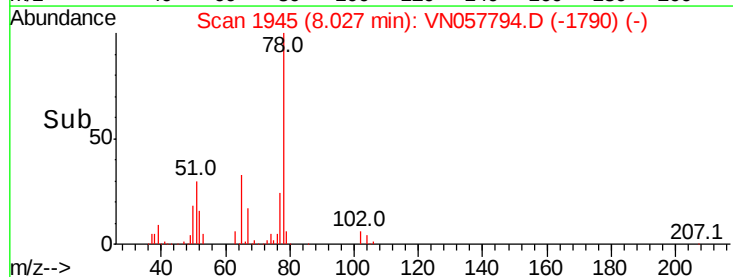
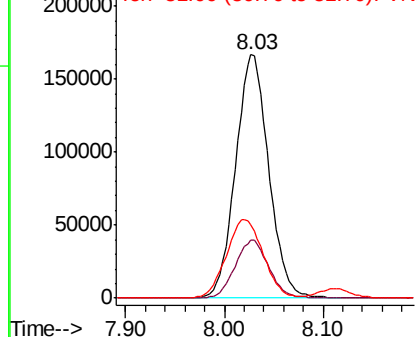


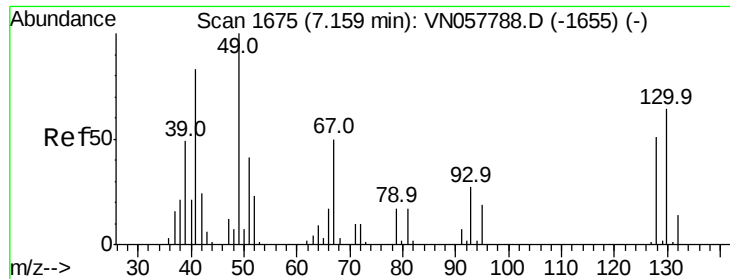
#34
Benzene
Concen: 19.698 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 78 Resp: 387277
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8
51 30.0 24.9 37.3



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

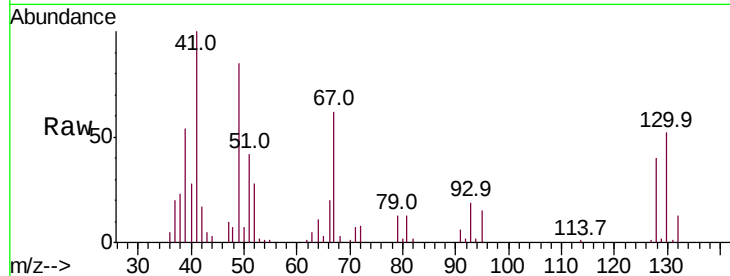




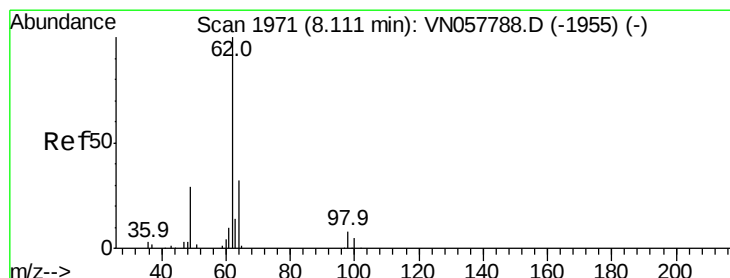
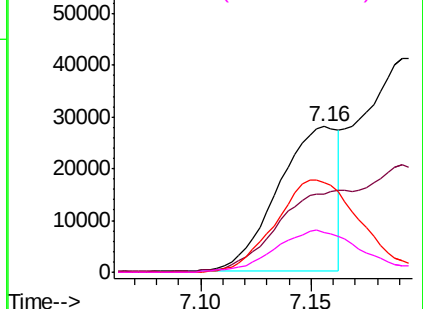
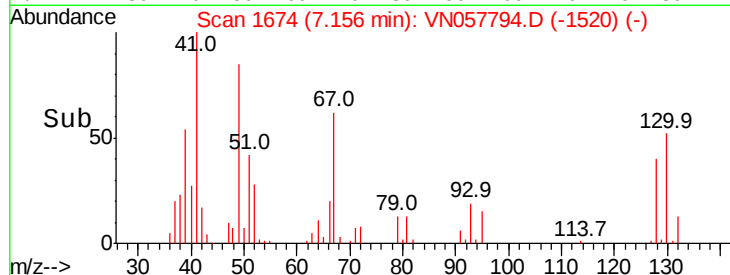
#35
Methacrylonitrile
Concen: 19.014 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Instrument :
MSVOA_N
ClientSampled :
VN0909WBS01

Tot Ion: 41 Resp: 52765
Ion Ratio Lower Upper
41 100
39 53.7 29.8 89.5
67 62.3 30.0 90.1
52 27.8 13.9 41.6

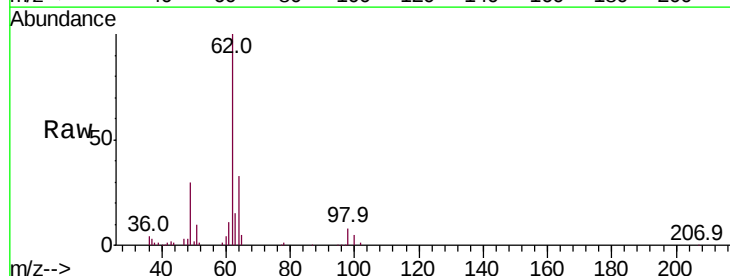


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

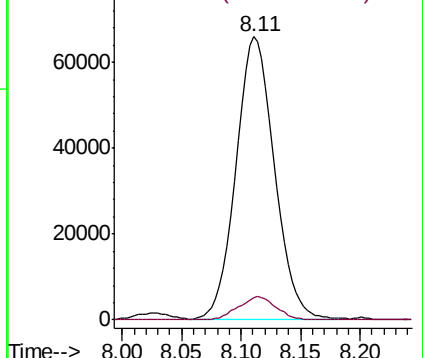
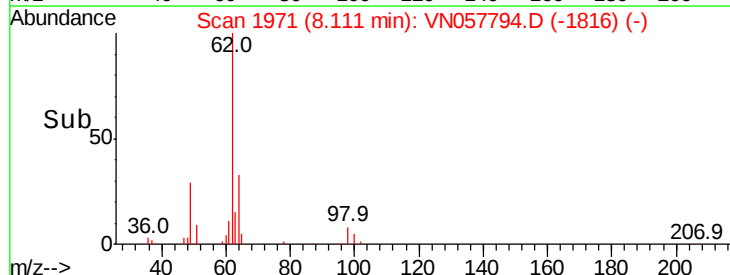


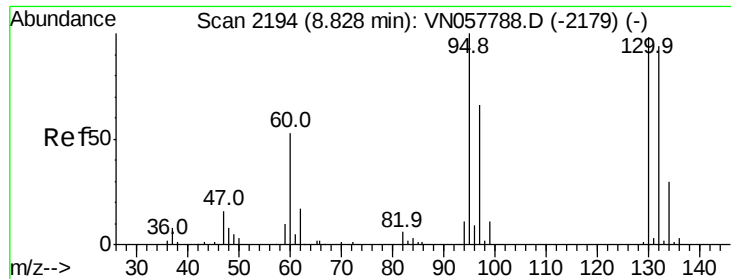
#36
1,2-Dichloroethane
Concen: 19.427 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 62 Resp: 148220
Ion Ratio Lower Upper
62 100
98 8.0 6.6 9.8



Abundance Ion 62.00 (61.70 to 62.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

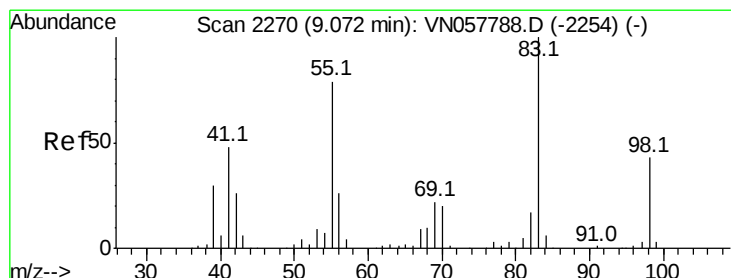
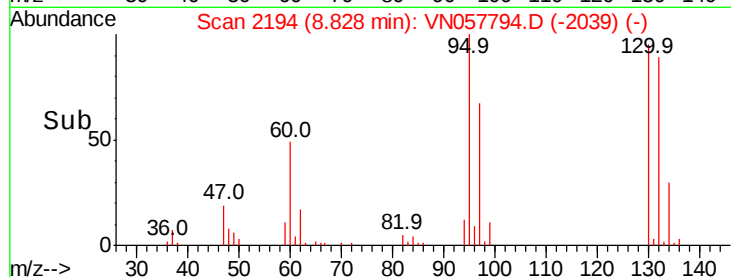
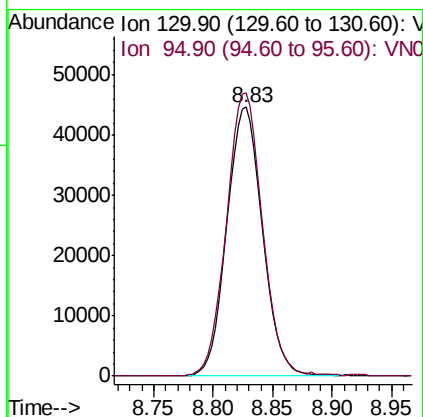
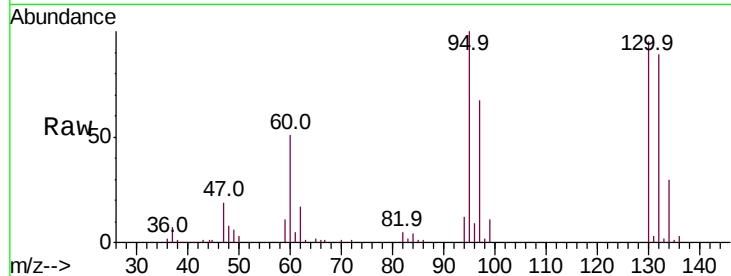




#37
 Trichloroethene
 Concen: 19.467 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

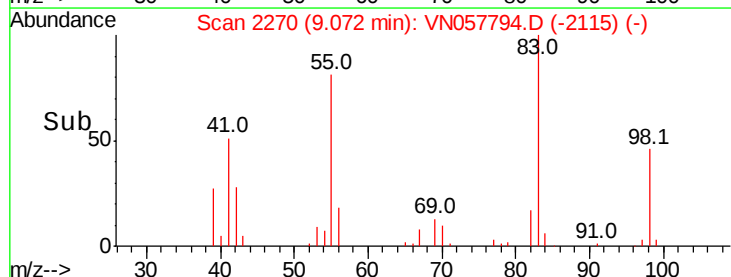
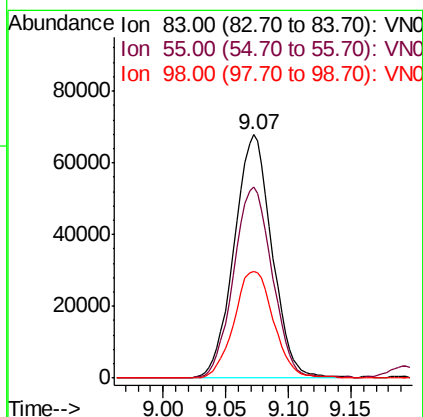
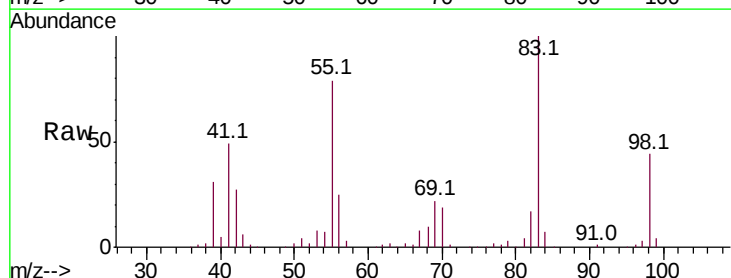
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

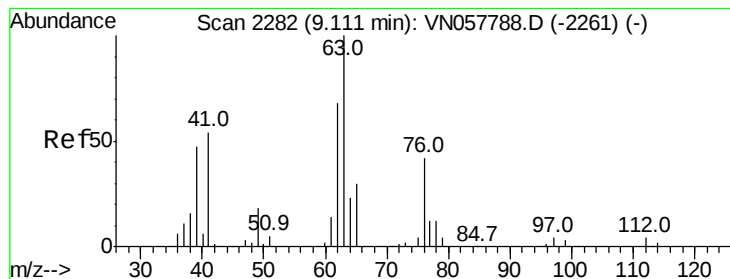
Tot Ion:130 Resp: 92962
 Ion Ratio Lower Upper
 130 100
 95 104.8 81.9 122.9



#38
 Methylcyclohexane
 Concen: 18.820 ug/l
 RT: 9.07 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Tgt Ion: 83 Resp: 142195
 Ion Ratio Lower Upper
 83 100
 55 79.9 39.6 118.7
 98 45.7 21.8 65.4





#39

1,2-Dichloropropane

Concen: 19.481 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampled :

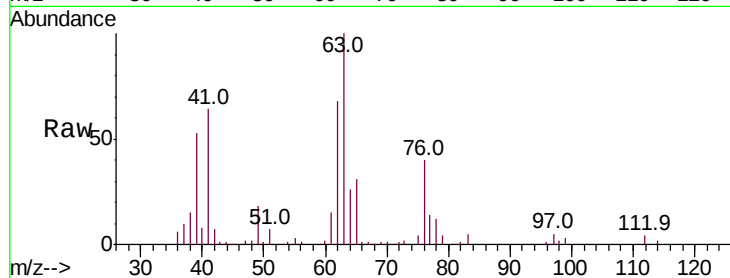
VN0909WBS01

Tot Ion: 63 Resp: 107562

Ion Ratio Lower Upper

63 100

65 30.6 23.6 35.4



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

60000

50000

40000

30000

20000

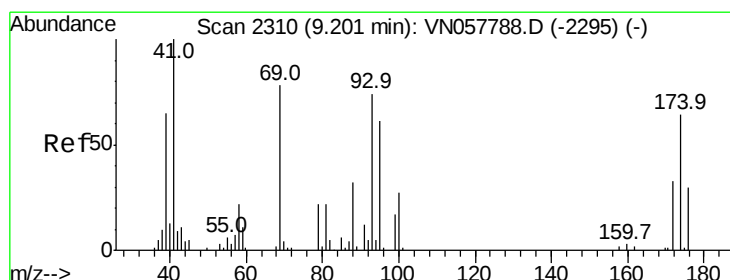
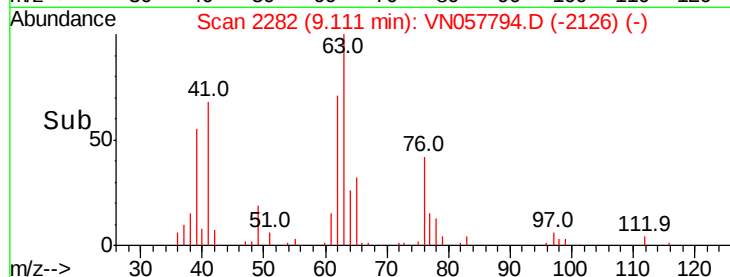
10000

0

9.11

9.00 9.05 9.10 9.15 9.20

Time-->



#40

Dibromomethane

Concen: 19.645 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

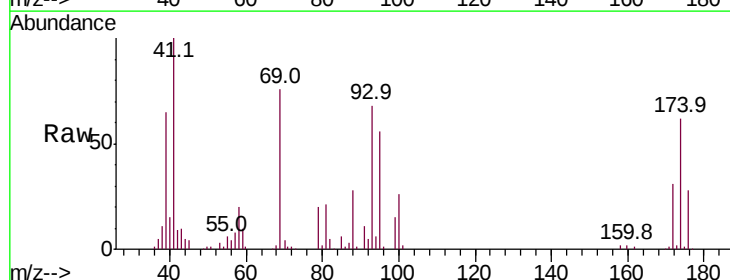
Tgt Ion: 93 Resp: 65972

Ion Ratio Lower Upper

93 100

95 83.5 0.0 163.0

174 89.6 0.0 171.4



Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

40000

30000

20000

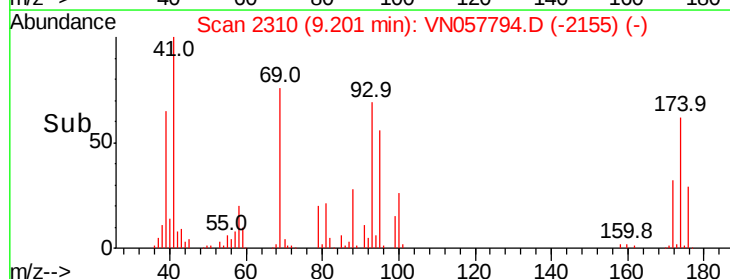
10000

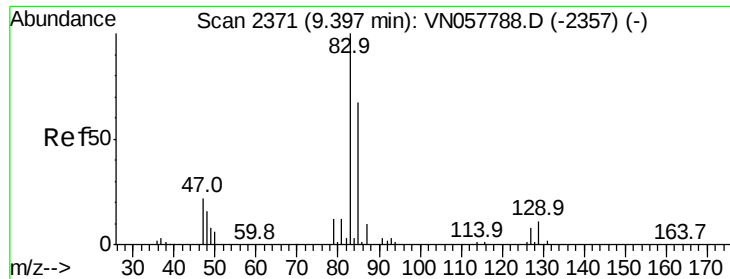
0

9.20

9.15 9.20 9.25

Time-->

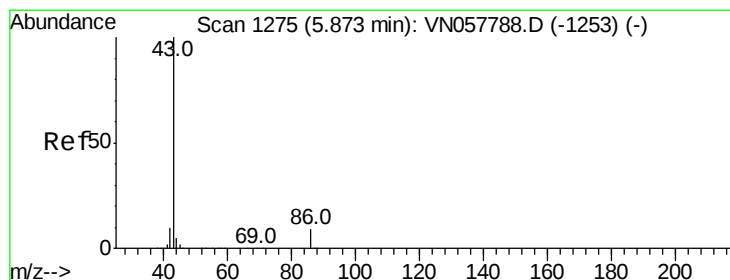
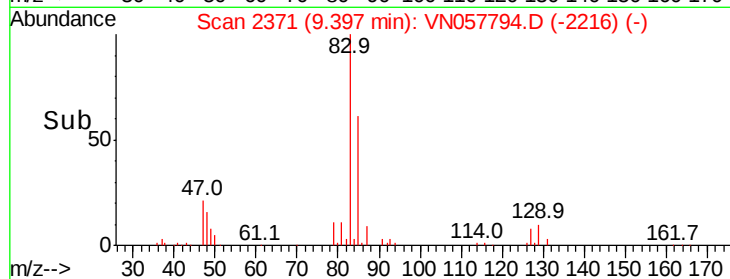
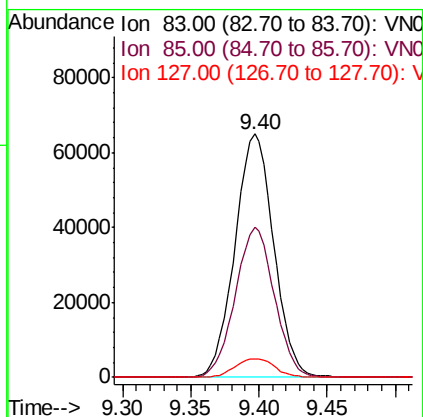
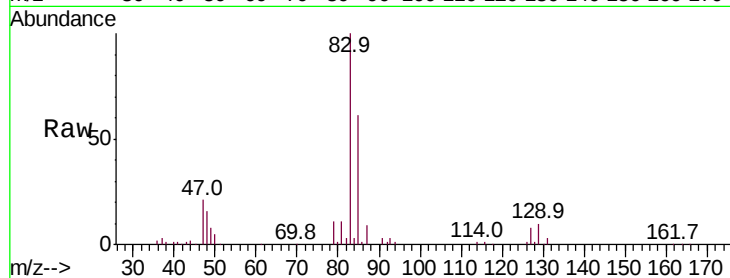




#41
Bromodichloromethane
Concen: 18.980 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

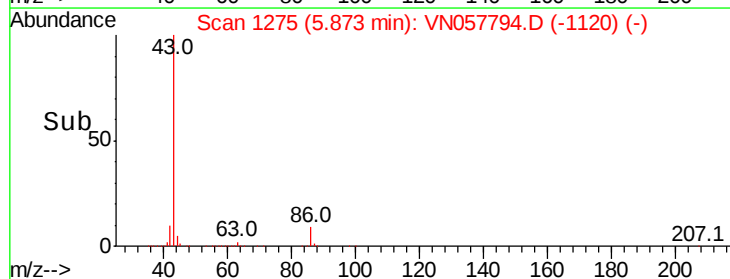
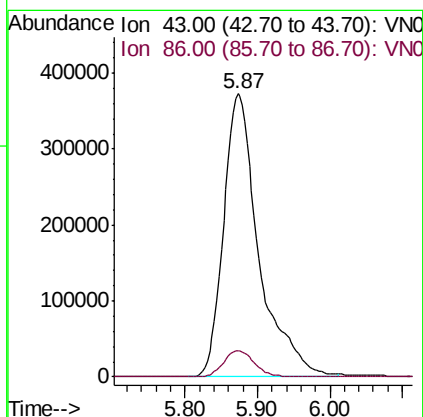
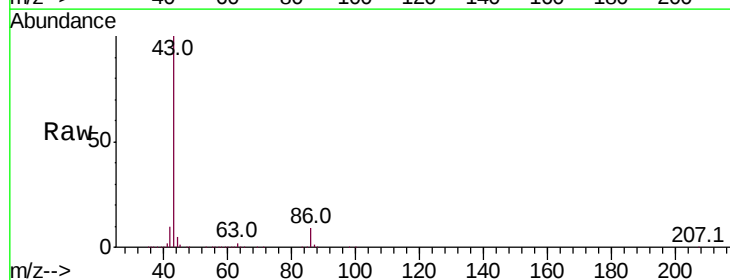
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

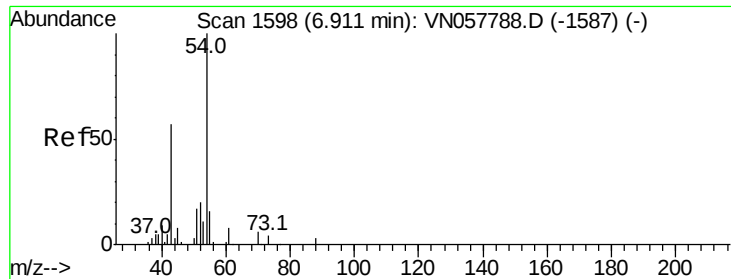
Tot Ion: 83 Resp: 128503
Ion Ratio Lower Upper
83 100
85 61.5 53.4 80.0
127 7.8 6.6 10.0



#42
Vinyl Acetate
Concen: 104.778 ug/l
RT: 5.87 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 43 Resp: 1259919
Ion Ratio Lower Upper
43 100
86 8.1 6.3 9.5

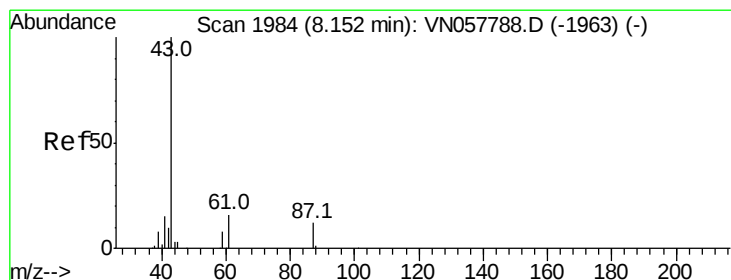
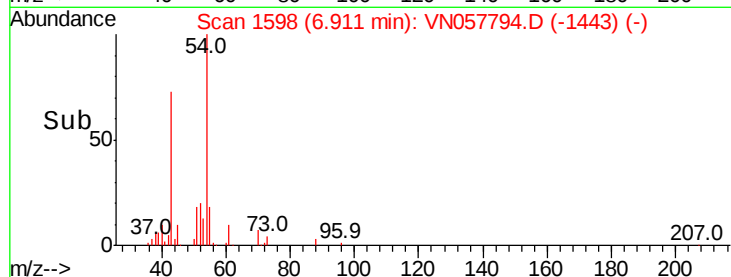
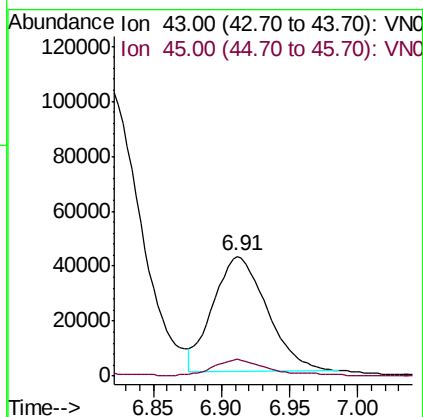
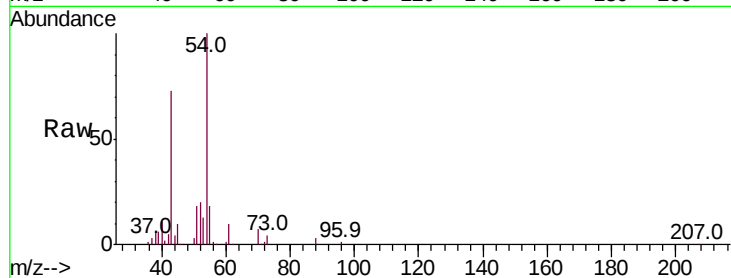




#43
Ethyl Acetate
Concen: 18.893 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

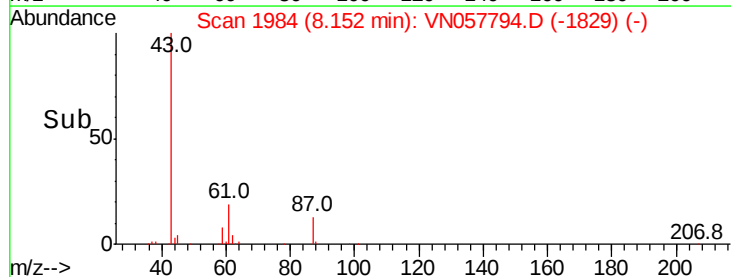
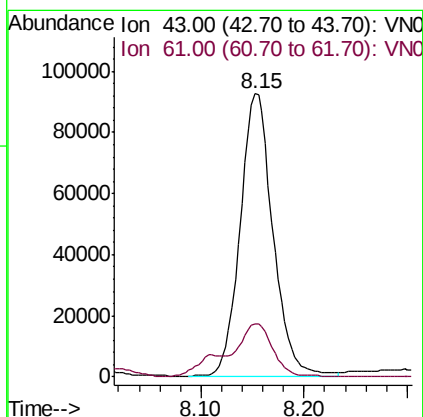
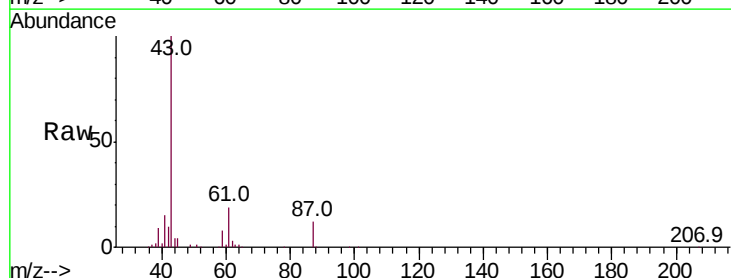
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

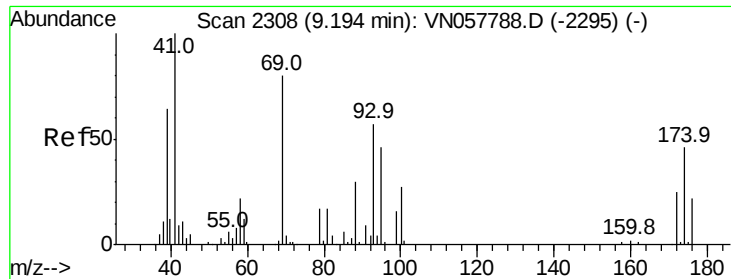
Tot Ion: 43 Resp: 115323
Ion Ratio Lower Upper
43 100
45 12.8 5.4 8.0#



#44
Isopropyl Acetate
Concen: 19.191 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 43 Resp: 204243
Ion Ratio Lower Upper
43 100
61 18.0 0.1 0.1#

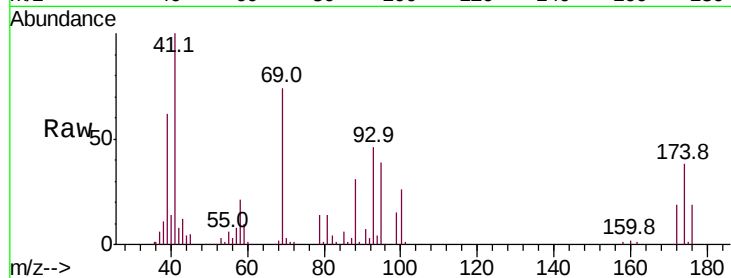




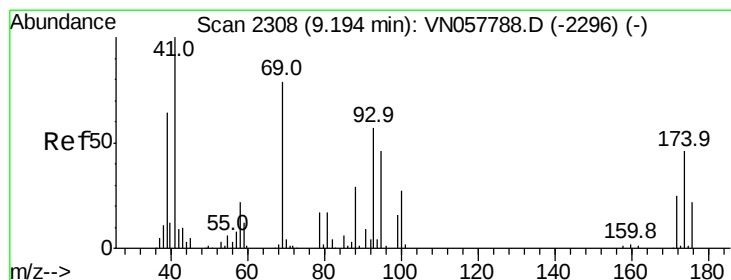
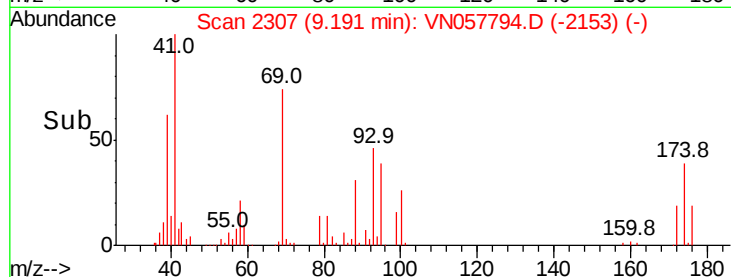
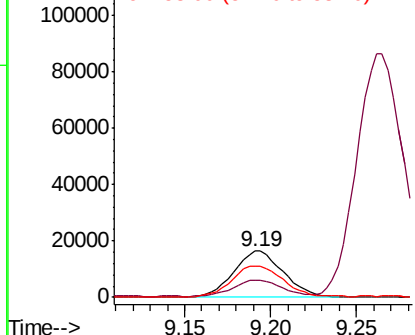
#45
 1,4-Dioxane
 Concen: 395.942 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Tot Ion: 88 Resp: 33113
 Ion Ratio Lower Upper
 88 100
 43 33.4 28.2 42.4
 58 71.0 58.5 87.7

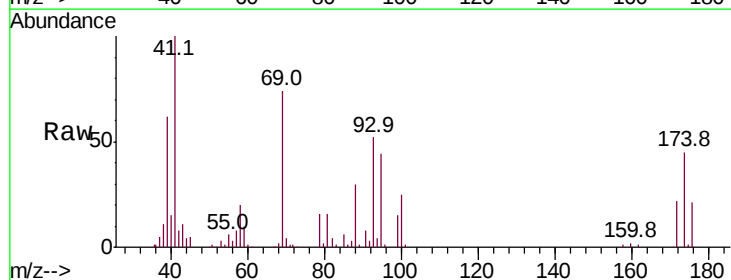


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

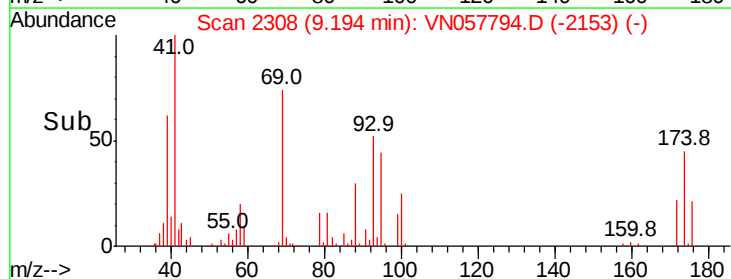
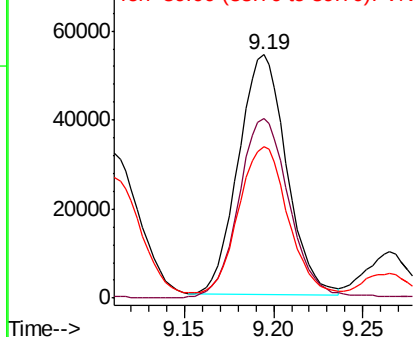


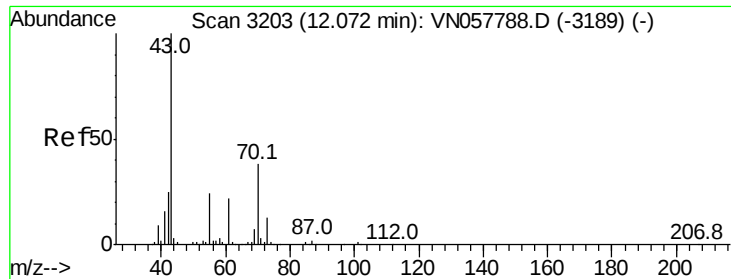
#46
 Methyl methacrylate
 Concen: 19.553 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Tgt Ion: 41 Resp: 101654
 Ion Ratio Lower Upper
 41 100
 69 74.6 39.6 119.0
 39 61.1 31.9 95.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

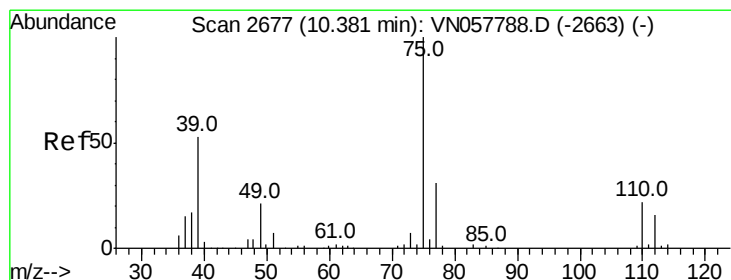
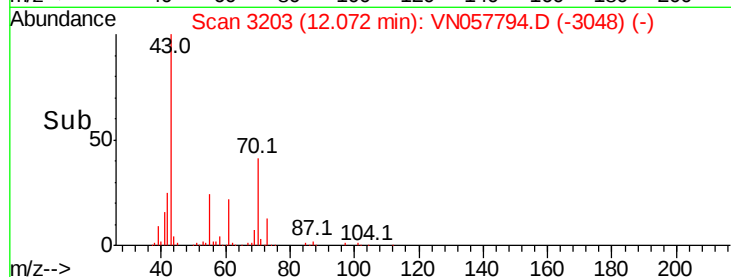
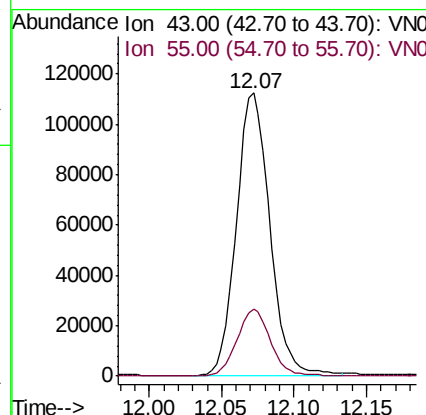
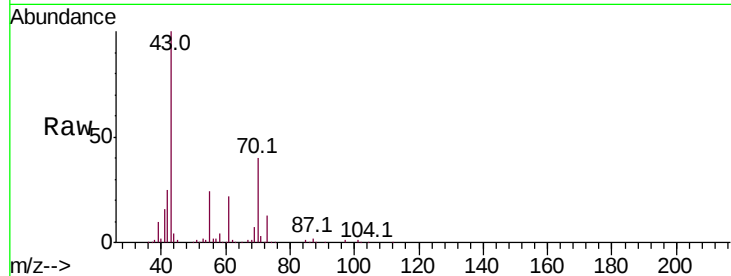




#47
n-amyl Acetate
Concen: 18.319 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

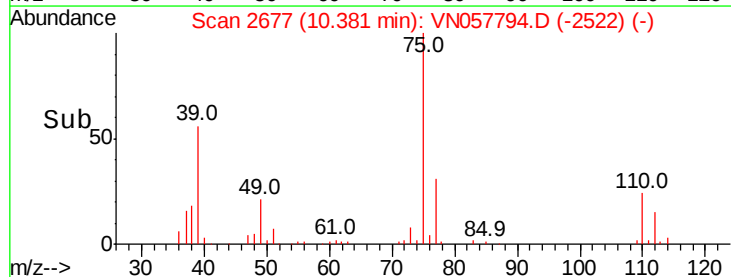
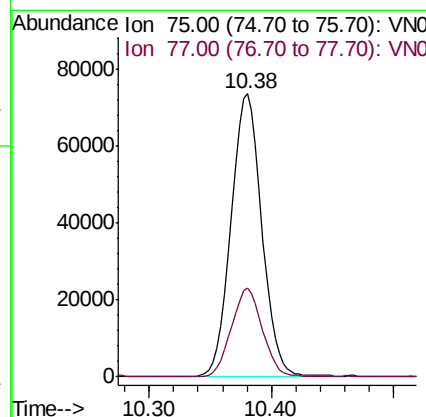
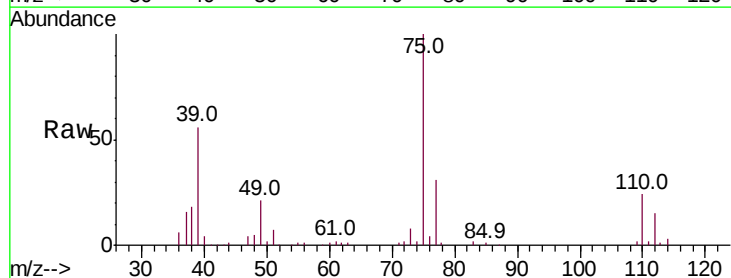
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

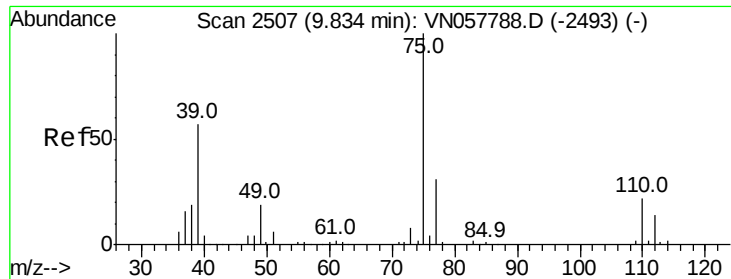
Tot Ion: 43 Resp: 179098
Ion Ratio Lower Upper
43 100
55 24.0 18.3 27.5



#48
t-1,3-Dichloropropene
Concen: 18.032 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 75 Resp: 129974
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3



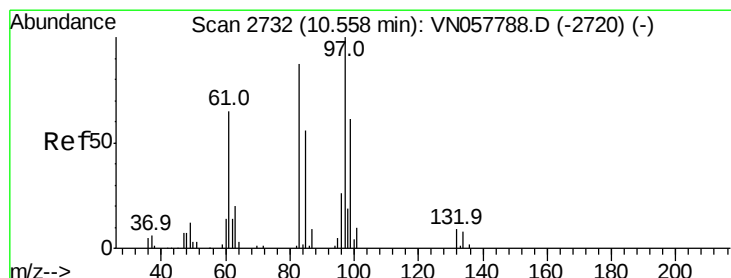
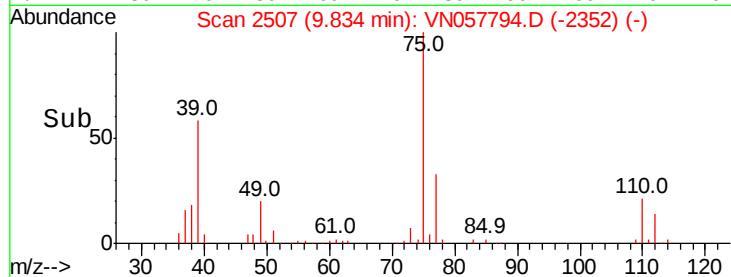
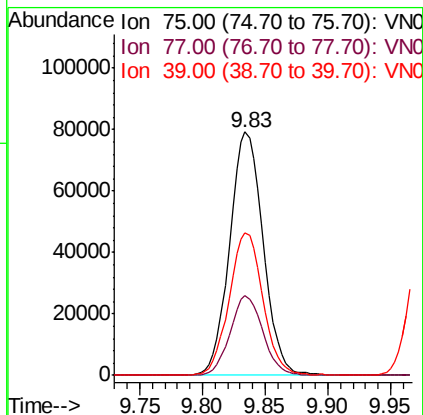
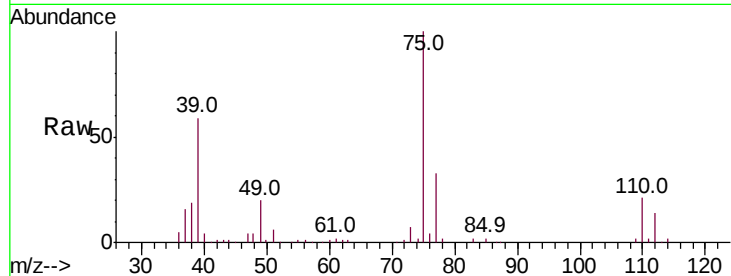


#49

cis-1,3-Dichloropropene
Concen: 18.169 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Instrument :
MSVOA_N
ClientSampled :
VN0909WBS01

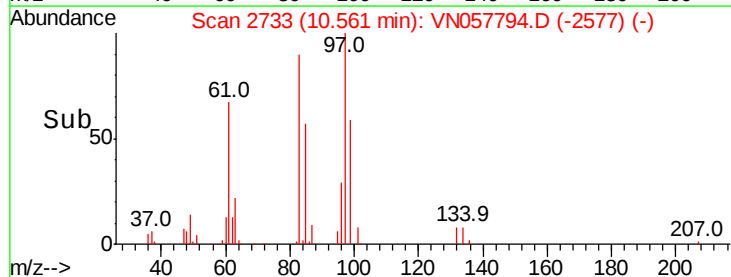
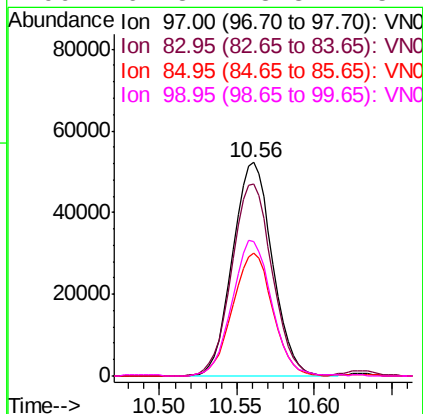
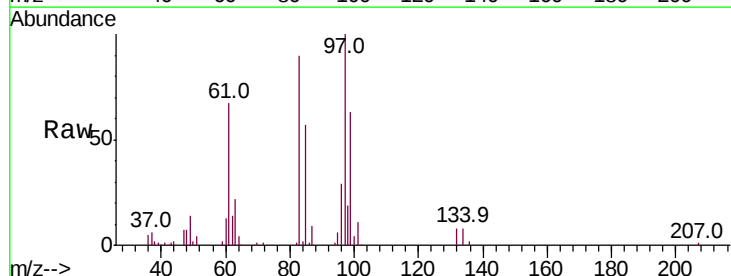
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.6	36.8
39	58.3	45.8	68.8

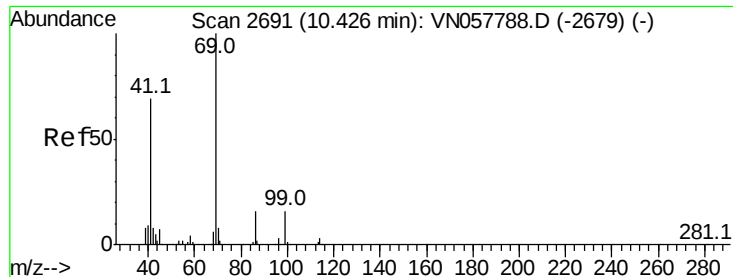


#50

1,1,2-Trichloroethane
Concen: 19.215 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.4	104.2
85	57.4	45.0	67.6
99	62.8	48.8	73.2





#51

Ethyl methacrylate

Concen: 19.043 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

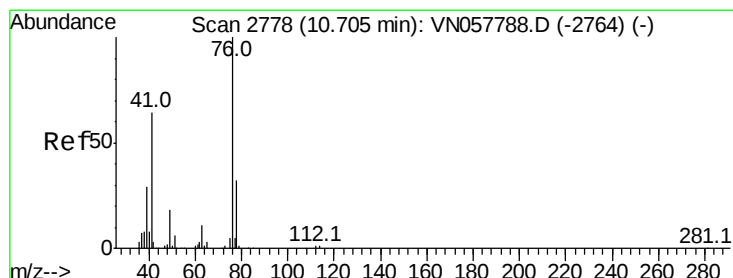
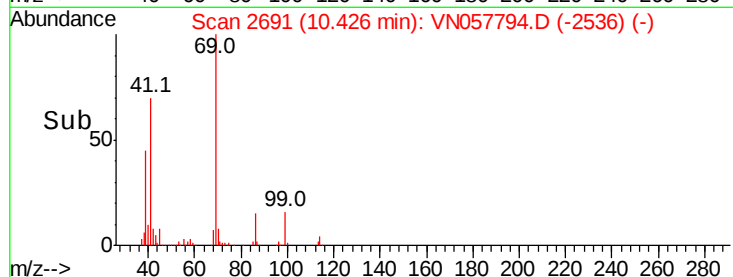
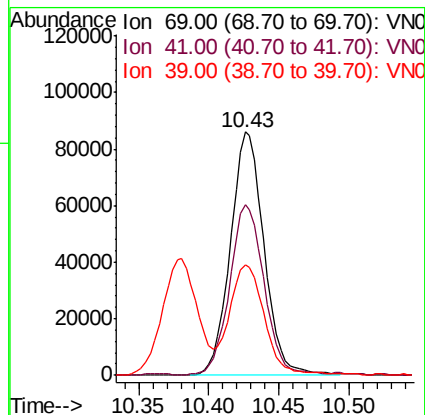
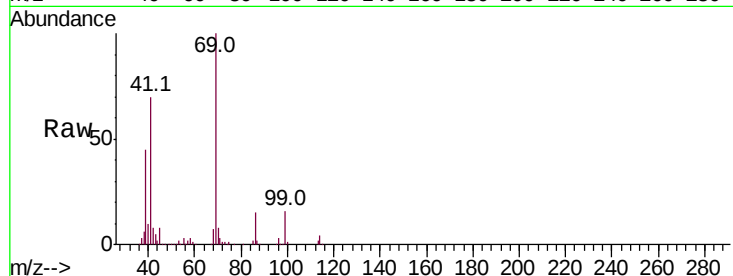
Tot Ion: 69 Resp: 143834

Ion Ratio Lower Upper

69 100

41 69.6 34.5 103.5

39 44.9 22.4 67.3



#52

1,3-Dichloropropane

Concen: 19.367 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN057794.D

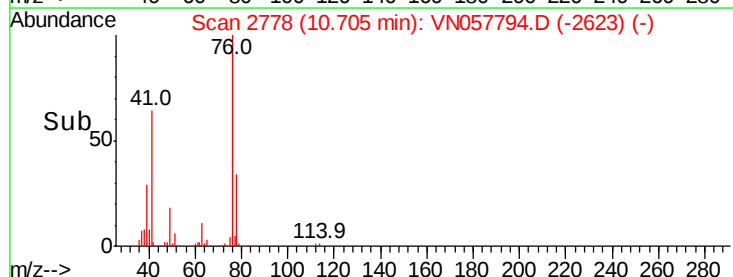
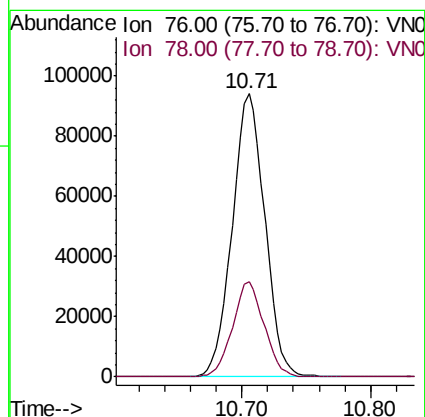
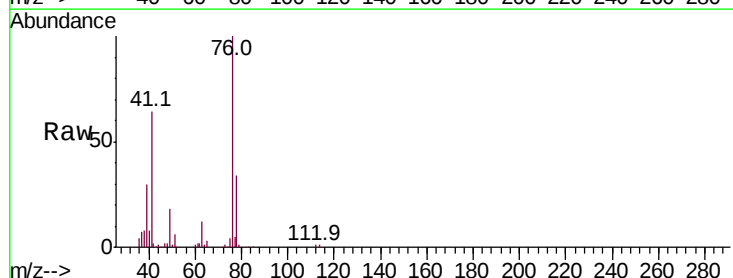
Acq: 9 Sep 2019 12:08

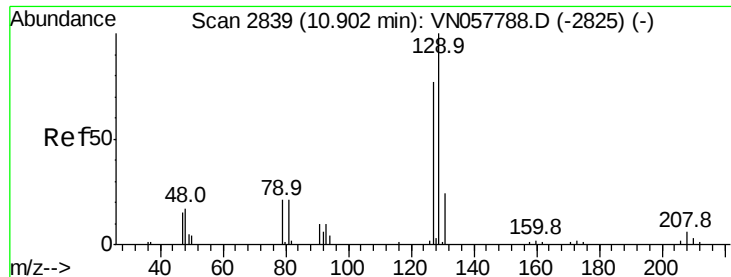
Tgt Ion: 76 Resp: 164980

Ion Ratio Lower Upper

76 100

78 32.6 0.0 63.8





#53

Dibromochloromethane

Concen: 17.387 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampled :

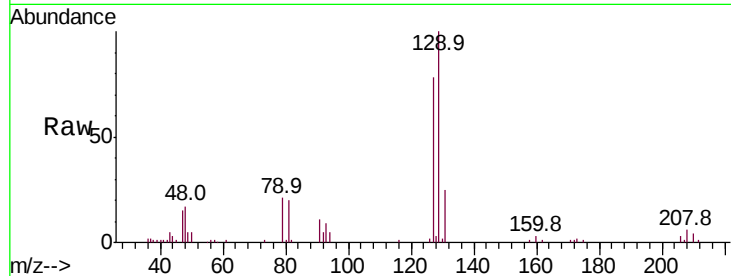
VN0909WBS01

Tot Ion:129 Resp: 83644

Ion Ratio Lower Upper

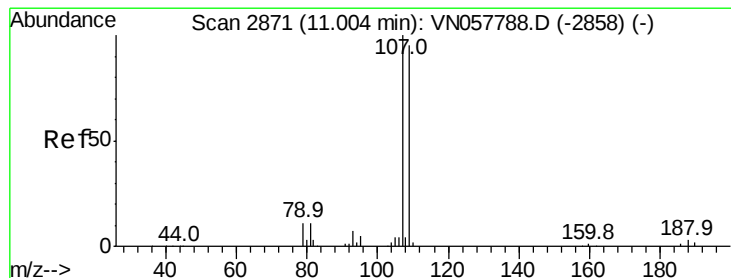
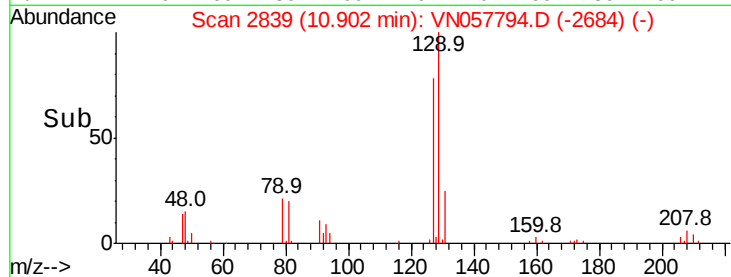
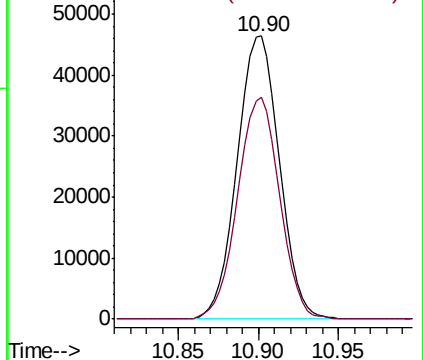
129 100

127 78.0 38.8 116.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.113 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN057794.D

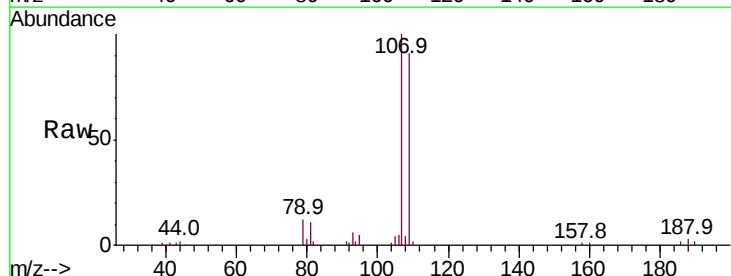
Acq: 9 Sep 2019 12:08

Tgt Ion:107 Resp: 92636

Ion Ratio Lower Upper

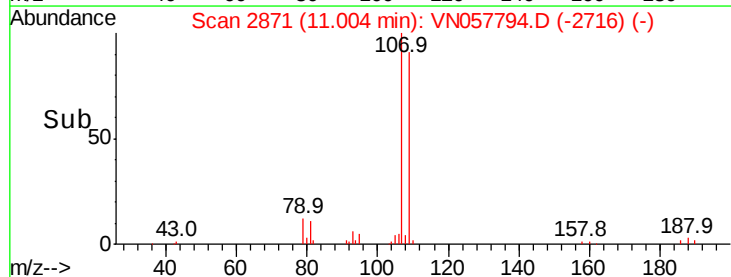
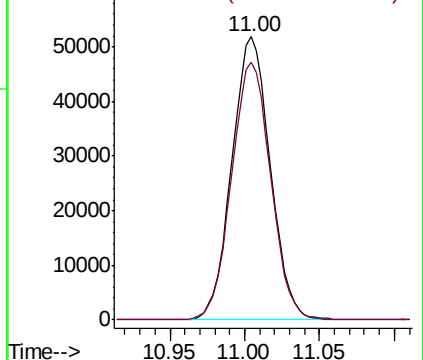
107 100

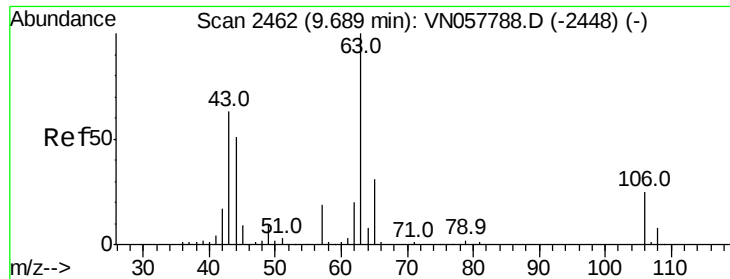
109 92.6 75.4 113.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

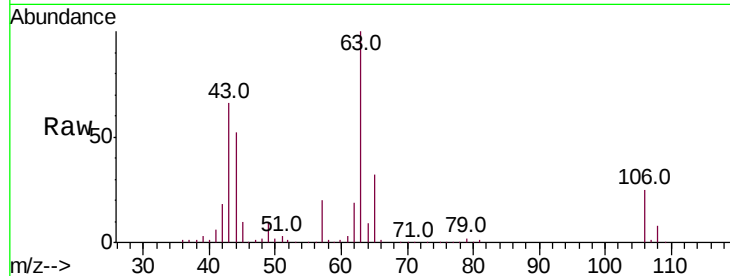




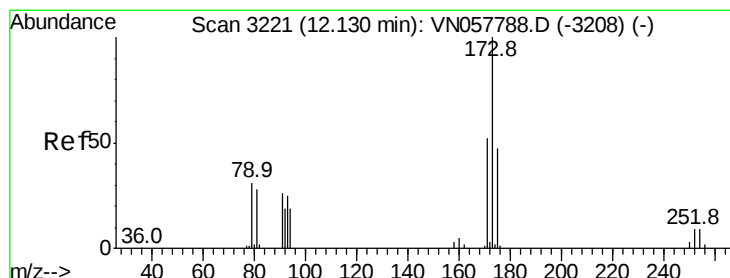
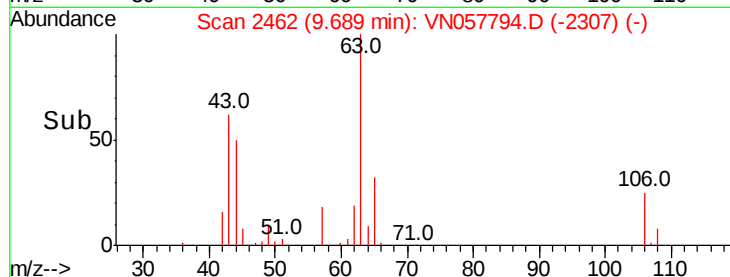
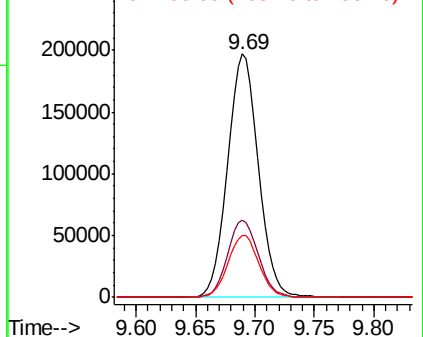
#55
2-Chloroethyl vinyl ether
Concen: 98.434 ug/l
RT: 9.69 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Instrument :
MSVOA_N
ClientSampled :
VN0909WBS01

Tot Ion: 63 Resp: 353278
Ion Ratio Lower Upper
63 100
65 31.6 25.0 37.6
106 25.5 19.8 29.8

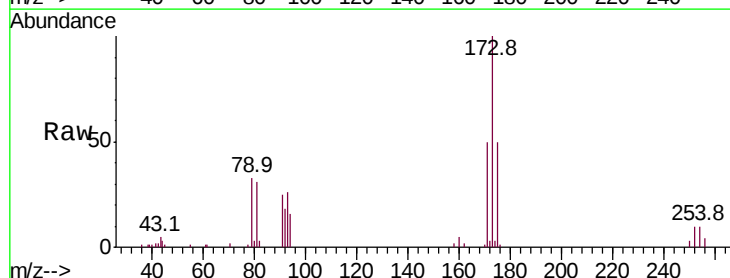


Abundance Ion 63.00 (62.70 to 63.70): VN057788.D (-2448) (-)
Ion 65.00 (64.70 to 65.70): VN057788.D (-2448) (-)
Ion 106.00 (105.70 to 106.70): VN057788.D (-2448) (-)

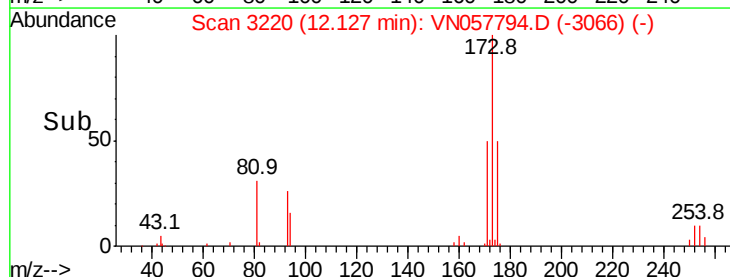
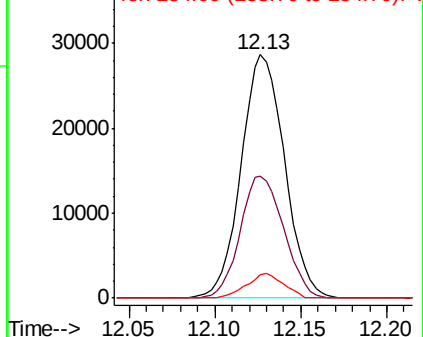


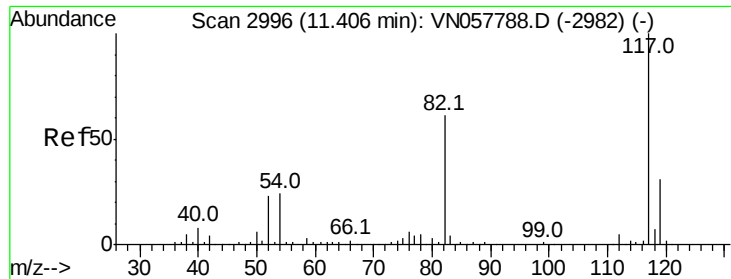
#56
Bromoform
Concen: 16.836 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 173 Resp: 50175
Ion Ratio Lower Upper
173 100
175 50.1 38.4 57.6
254 8.6 6.9 10.3



Abundance Ion 173.00 (172.70 to 173.70): VN057788.D (-3208) (-)
Ion 175.00 (174.70 to 175.70): VN057788.D (-3208) (-)
Ion 254.00 (253.70 to 254.70): VN057788.D (-3208) (-)

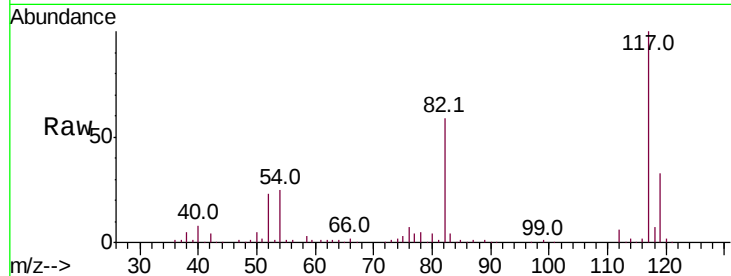




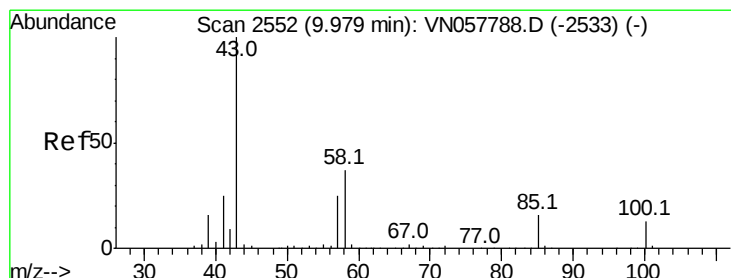
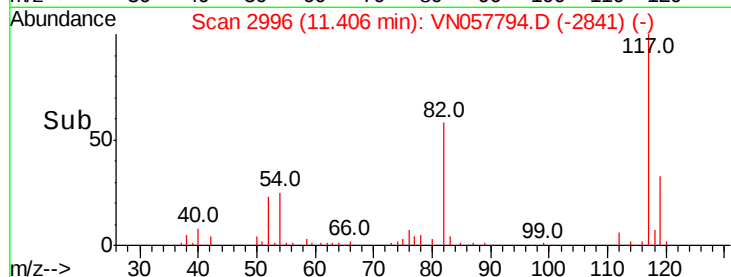
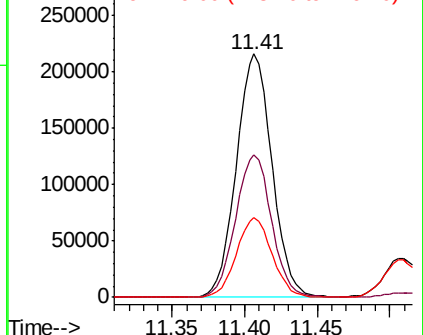
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tot Ion:117 Resp: 369263
Ion Ratio Lower Upper
117 100
82 59.0 47.6 71.4
119 32.6 25.4 38.2

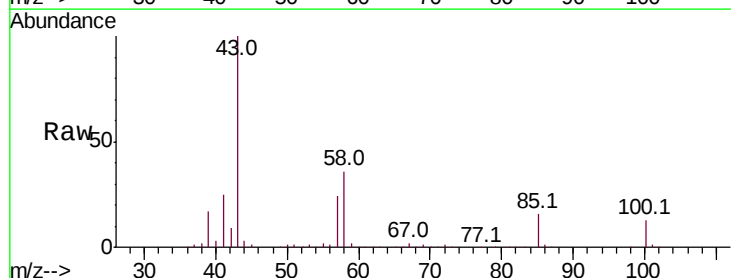


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

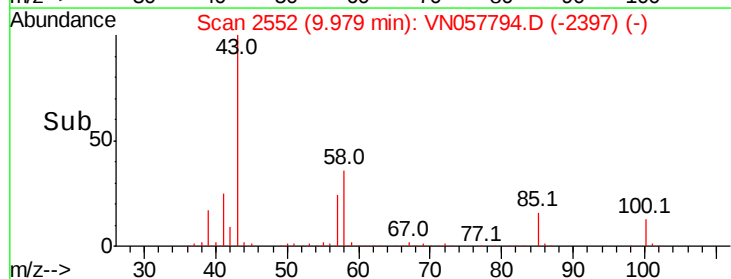
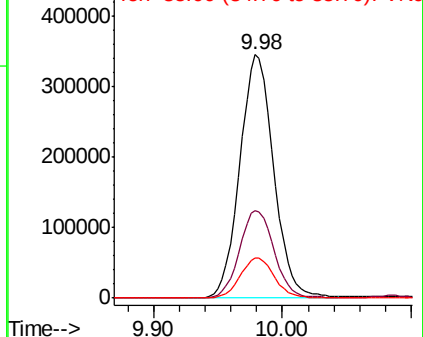


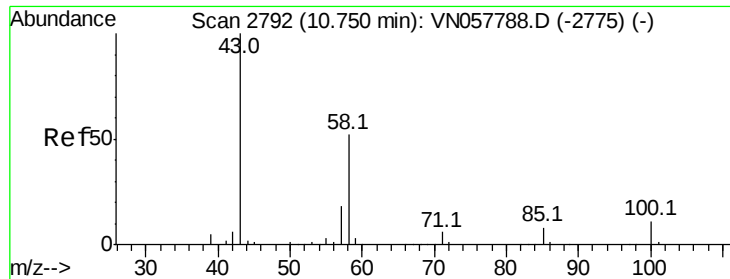
#58
4-Methyl-2-Pentanone
Concen: 109.809 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 43 Resp: 628818
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.0
85 16.6 12.9 19.3



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V

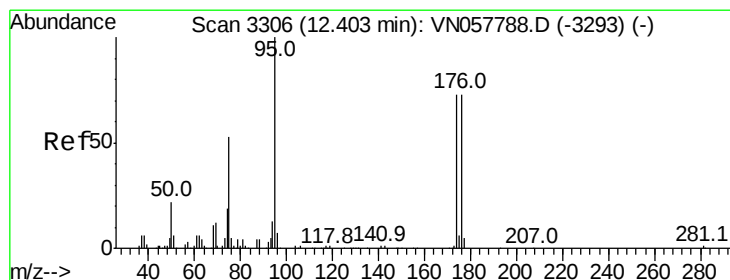
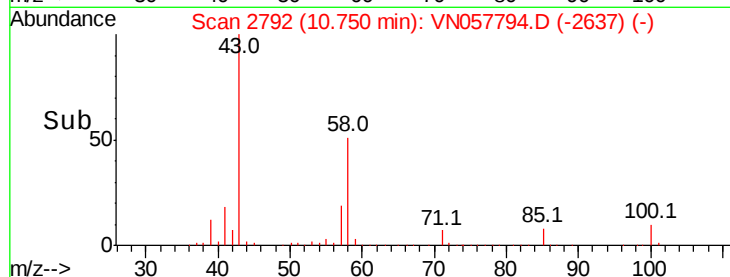
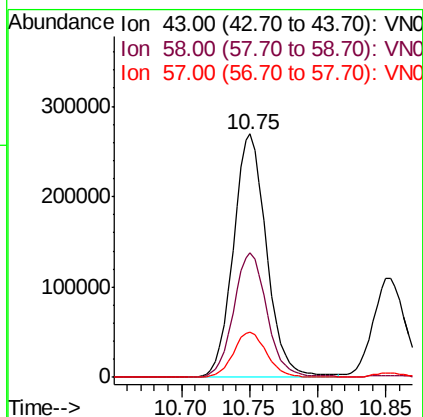
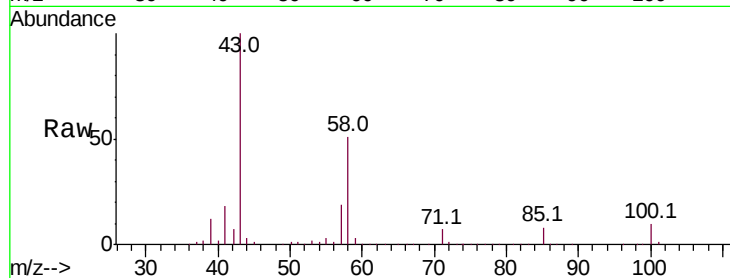




#59
2-Hexanone
Concen: 105.415 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

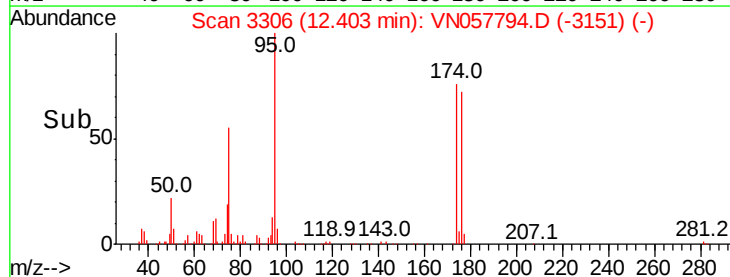
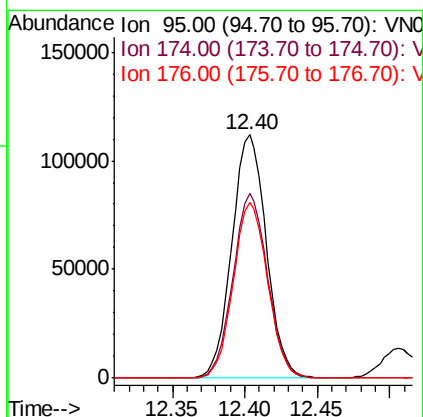
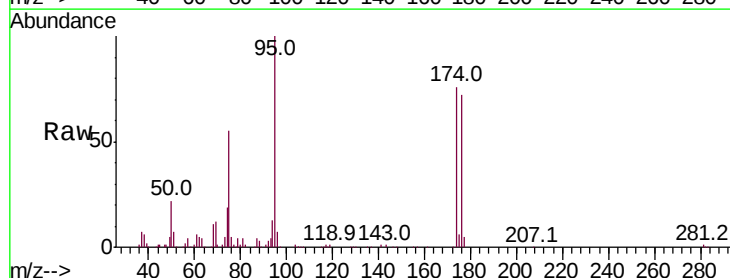
Instrument :
MSVOA_N
ClientSampled :
VN0909WBS01

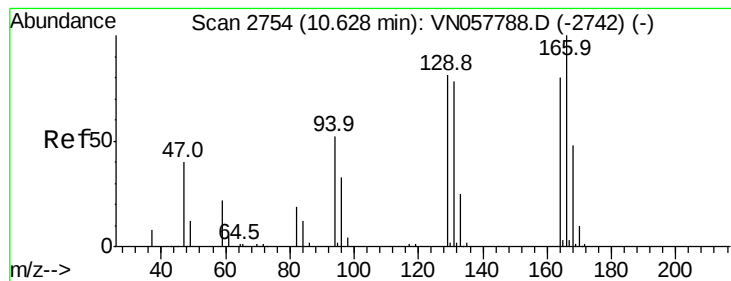
Tot Ion: 43 Resp: 452996
Ion Ratio Lower Upper
43 100
58 51.7 40.6 61.0
57 18.7 14.5 21.7



#60
4-Bromofluorobenzene
Concen: 29.263 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 95 Resp: 184908
Ion Ratio Lower Upper
95 100
174 75.7 59.4 89.0
176 71.9 57.4 86.0





#61

Tetrachloroethene

Concen: 20.187 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampled :

VN0909WBS01

Tot Ion:164 Resp: 75790

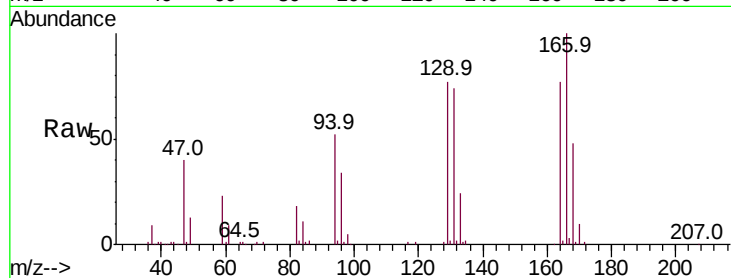
Ion Ratio Lower Upper

164 100

166 129.6 99.6 149.4

129 99.6 80.9 121.3

131 95.4 77.2 115.8

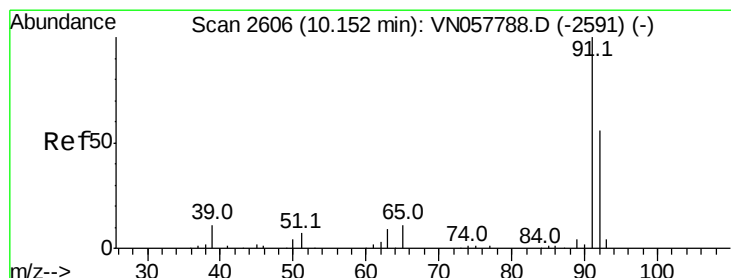
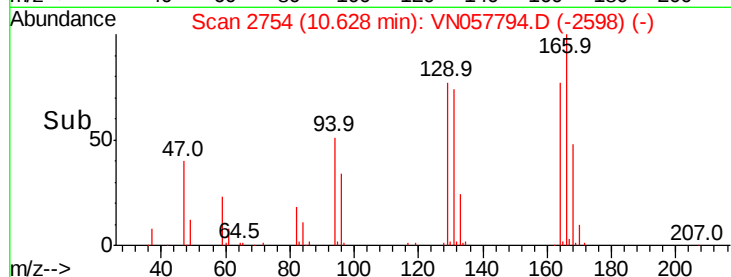
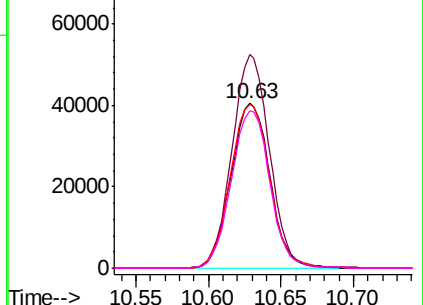


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.482 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN057794.D

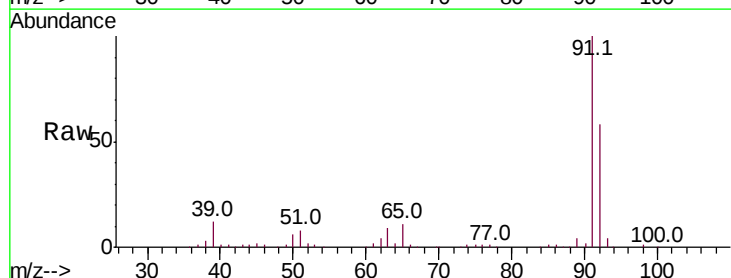
Acq: 9 Sep 2019 12:08

Tgt Ion: 91 Resp: 418795

Ion Ratio Lower Upper

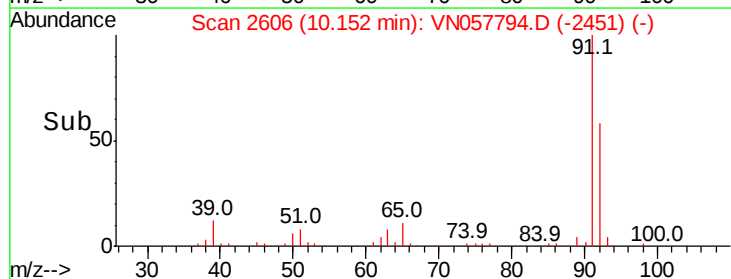
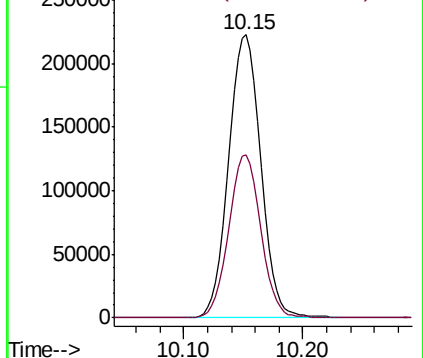
91 100

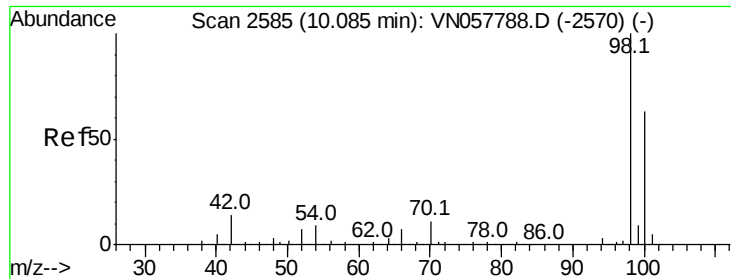
92 57.4 44.9 67.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.655 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

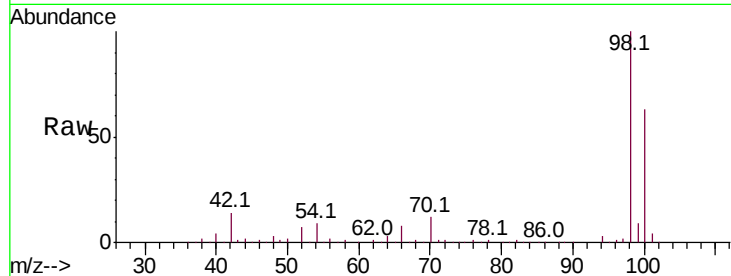
VN0909WBS01

Tot Ion: 98 Resp: 543320

Ion Ratio Lower Upper

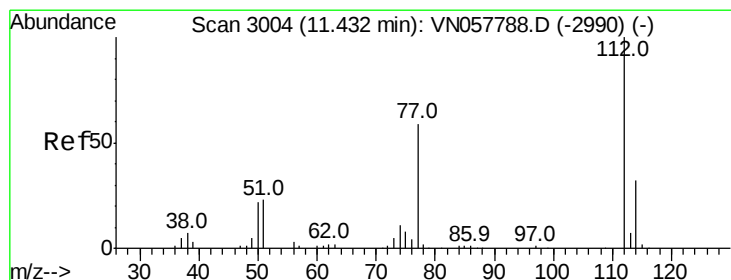
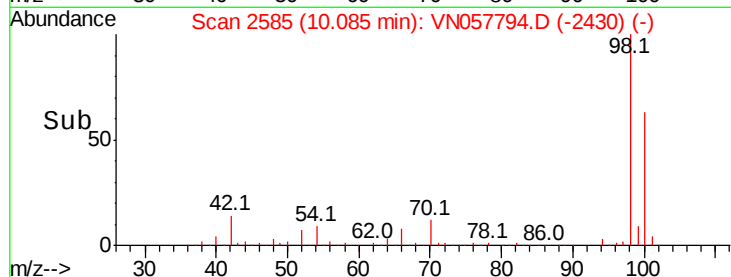
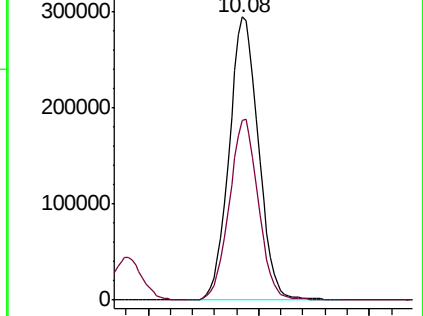
98 100

100 62.8 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 19.970 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN057794.D

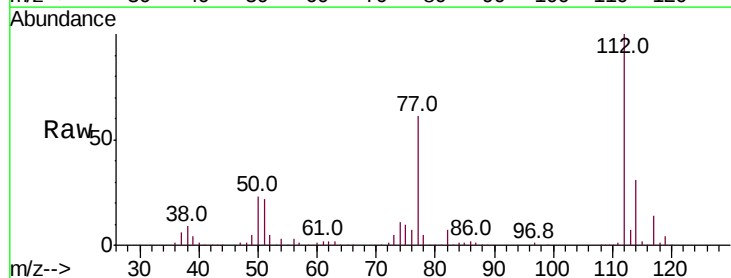
Acq: 9 Sep 2019 12:08

Tgt Ion: 112 Resp: 253299

Ion Ratio Lower Upper

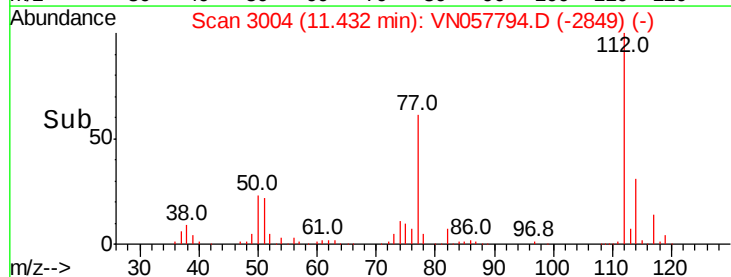
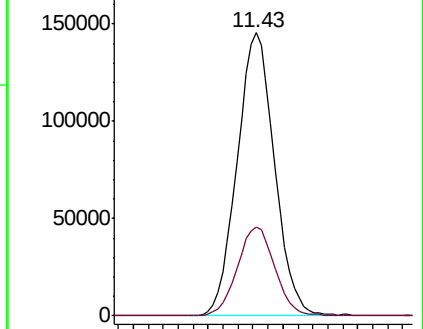
112 100

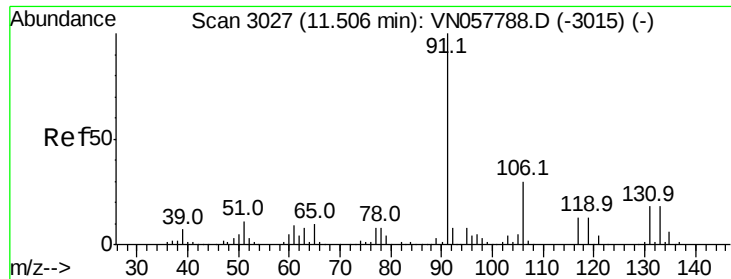
114 31.2 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 19.494 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampled :

VN0909WBS01

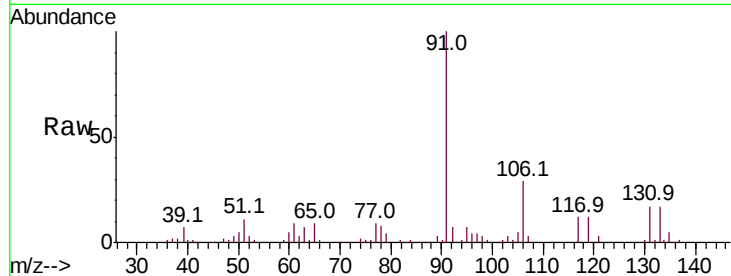
Tot Ion:131 Resp: 85851

Ion Ratio Lower Upper

131 100

133 94.1 0.0 189.2

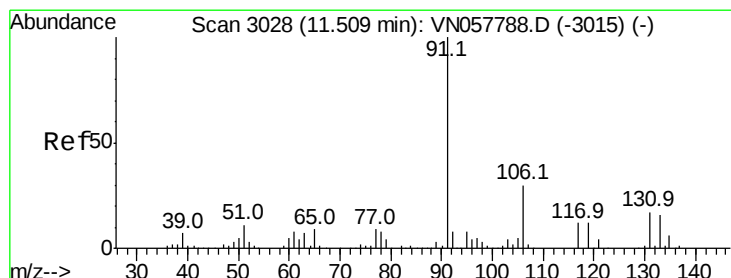
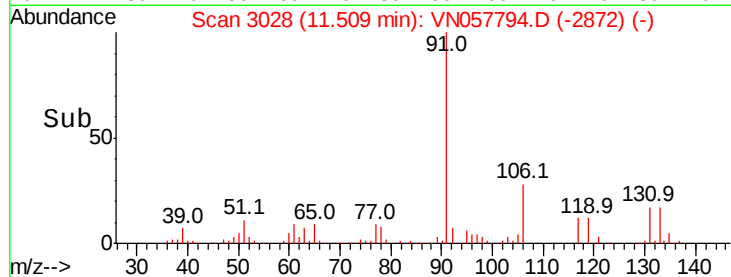
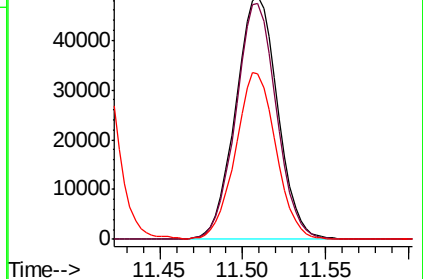
119 66.0 0.0 136.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.010 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN057794.D

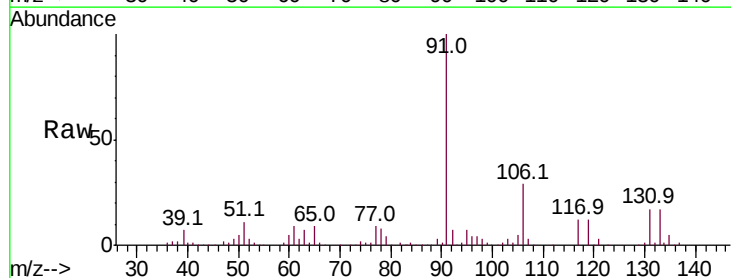
Acq: 9 Sep 2019 12:08

Tgt Ion: 91 Resp: 468835

Ion Ratio Lower Upper

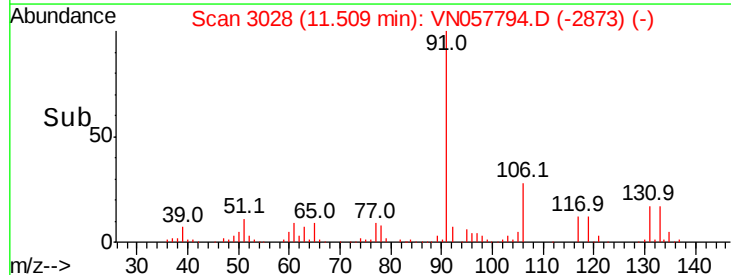
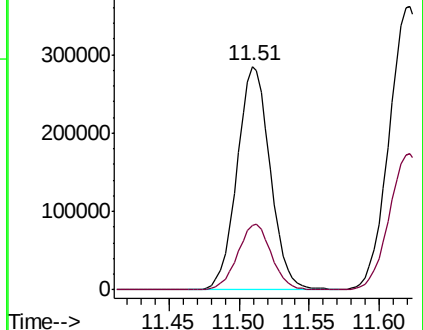
91 100

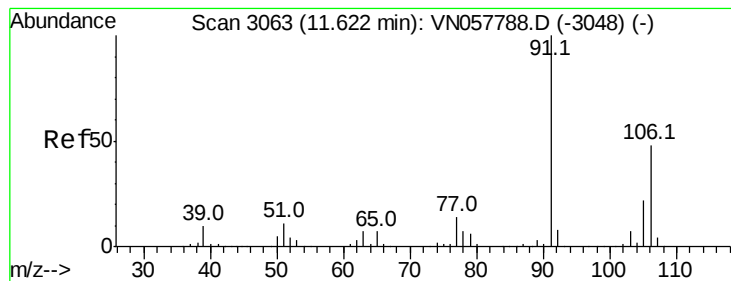
106 29.0 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 40.010 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

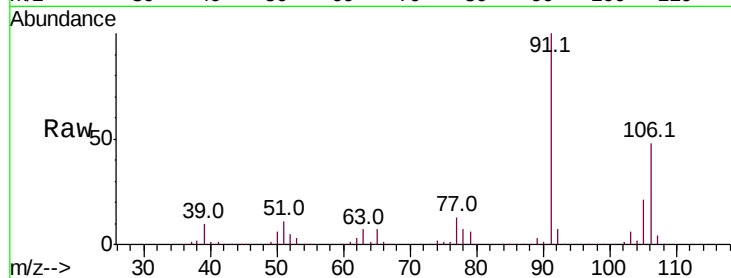
VN0909WBS01

Tot Ion:106 Resp: 340774

Ion Ratio Lower Upper

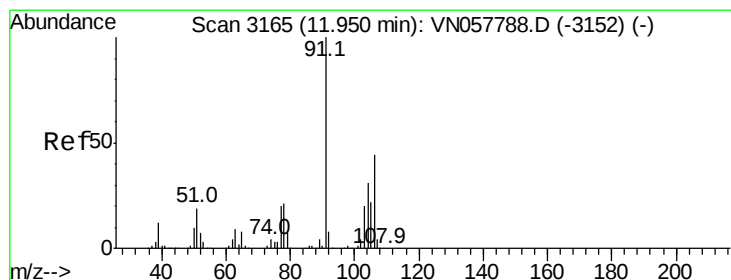
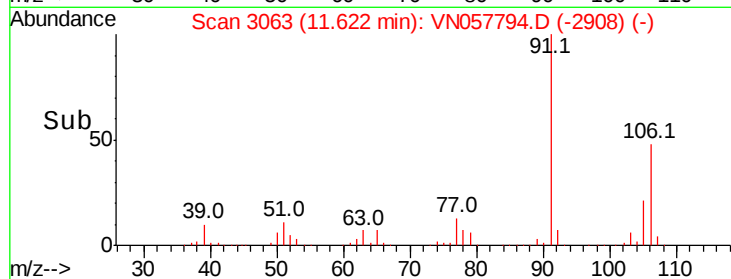
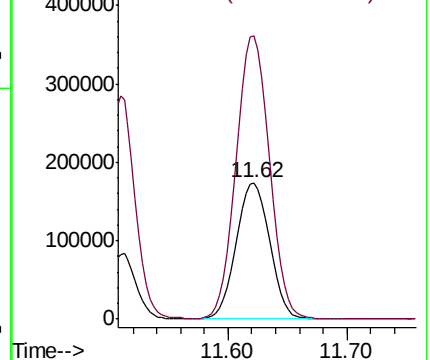
106 100

91 207.0 166.1 249.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 19.927 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.00 min

Lab File: VN057794.D

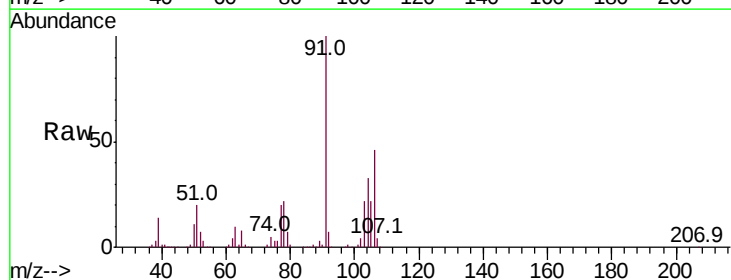
Acq: 9 Sep 2019 12:08

Tgt Ion:106 Resp: 166270

Ion Ratio Lower Upper

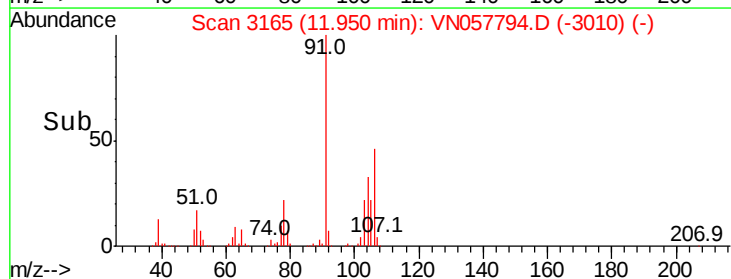
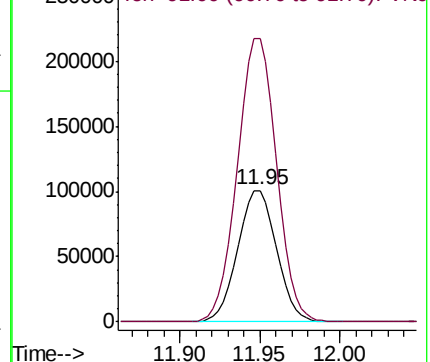
106 100

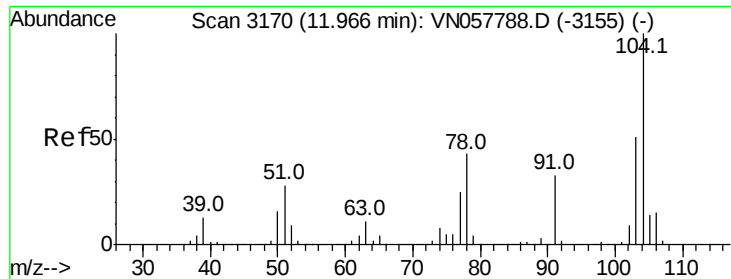
91 217.4 111.5 334.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

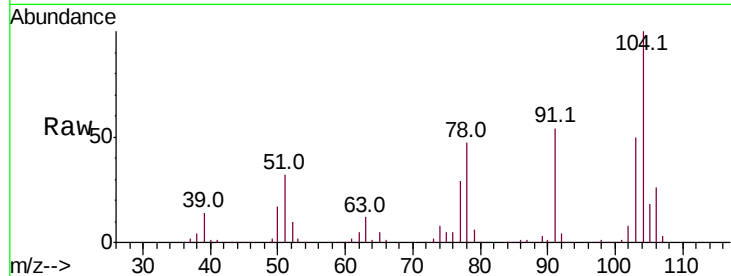




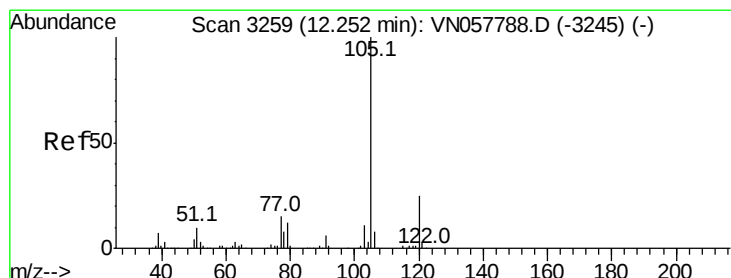
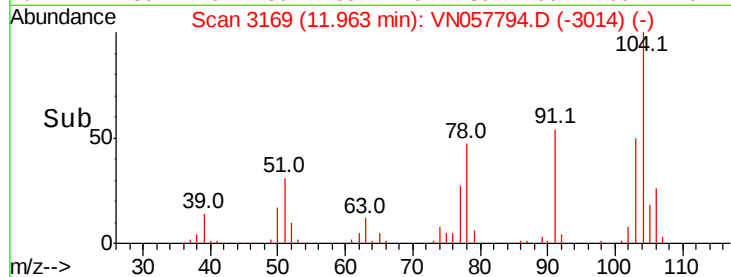
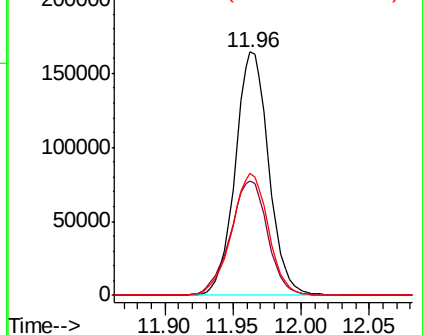
#69
Stvrene
Concen: 19.707 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Instrument :
MSVOA_N
ClientSampled :
VN0909WBS01

Tot Ion:104 Resp: 280364
Ion Ratio Lower Upper
104 100
78 52.5 41.5 62.3
103 54.8 44.8 67.2

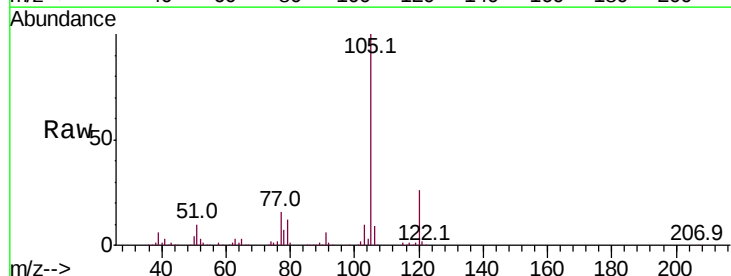


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

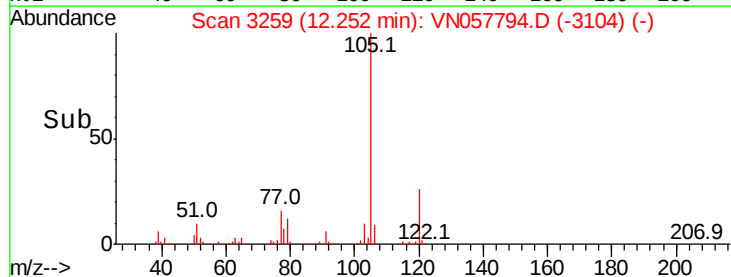
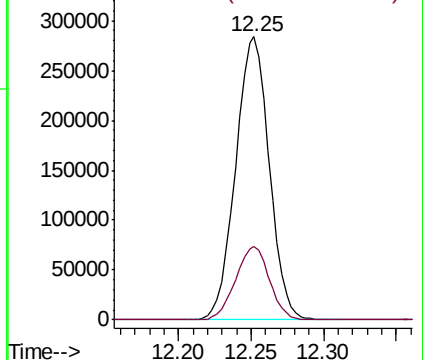


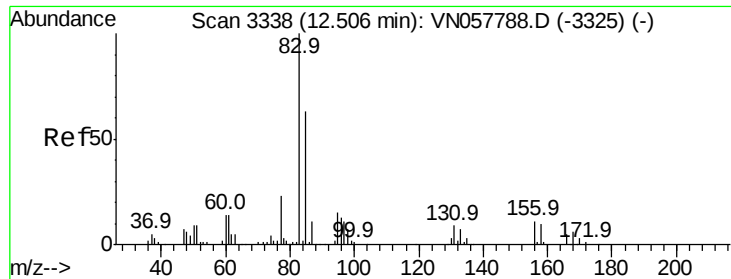
#70
Isopropylbenzene
Concen: 20.701 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion:105 Resp: 456645
Ion Ratio Lower Upper
105 100
120 26.0 17.6 32.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

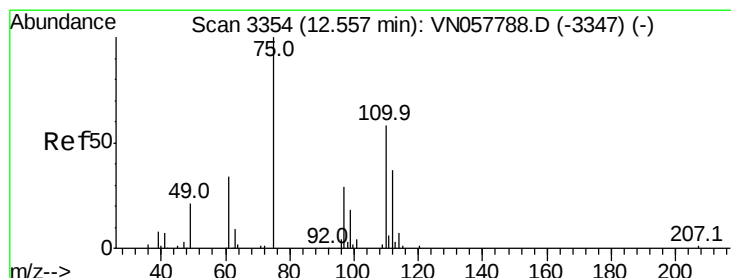
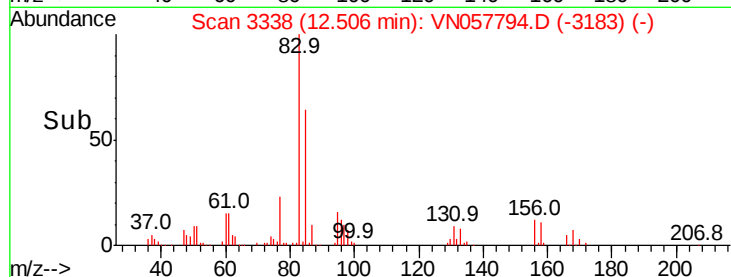
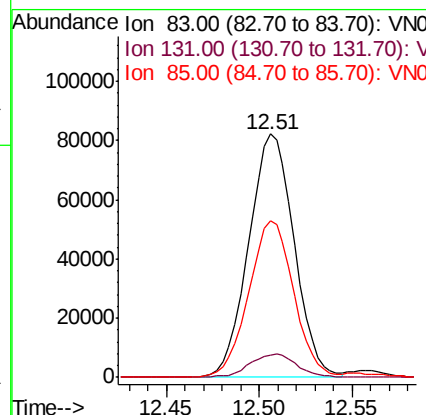
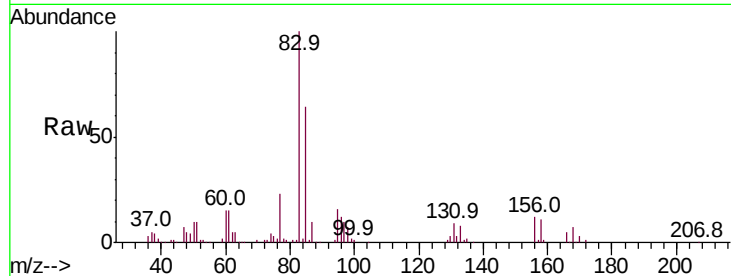




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.250 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

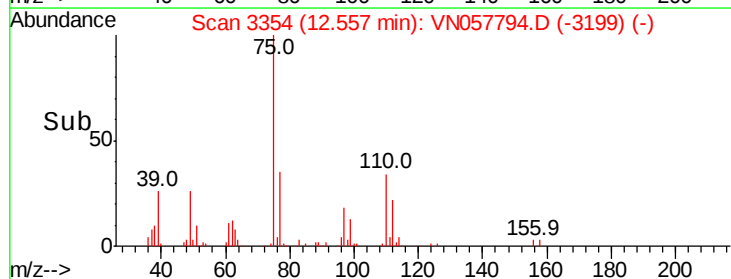
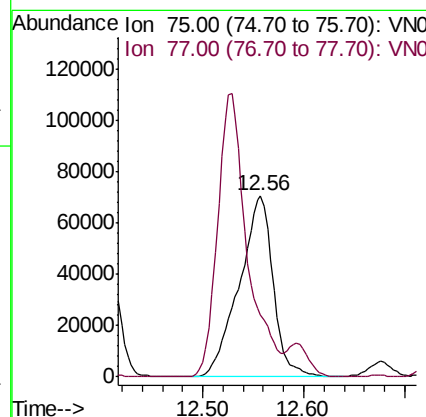
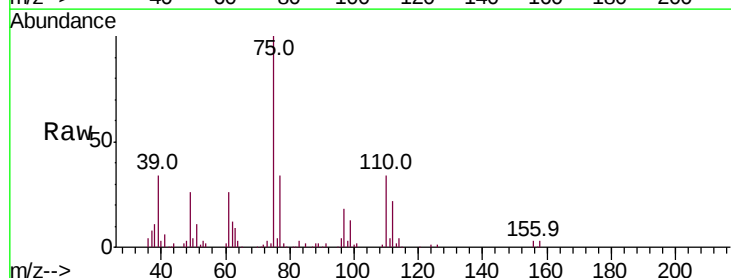
Instrument :
 MSVOA_N
 ClientSampled :
 VN0909WBS01

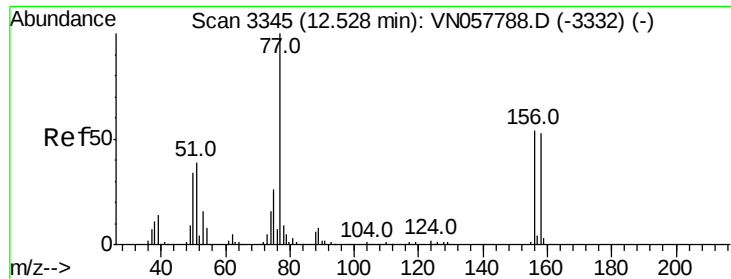
Tot Ion	83	Resp	139608
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	63.4	32.1	96.3



#72
 1,2,3-Trichloropropane
 Concen: 26.855 ug/l
 RT: 12.56 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Tgt Ion	75	Resp	164323
Ion	Ratio	Lower	Upper
75	100		
77	138.6	0.0	351.6





#73

Bromobenzene

Concen: 19.718 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampled :

VN0909WBS01

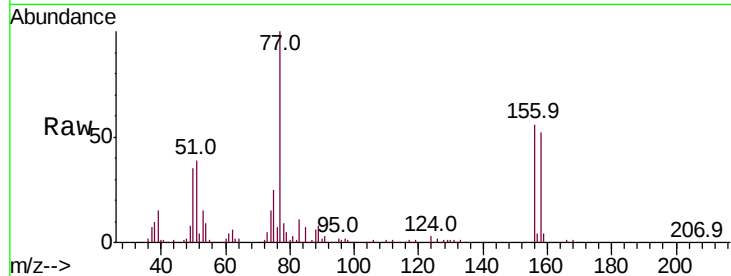
Tot Ion:156 Resp: 104135

Ion Ratio Lower Upper

156 100

77 218.7 0.0 446.6

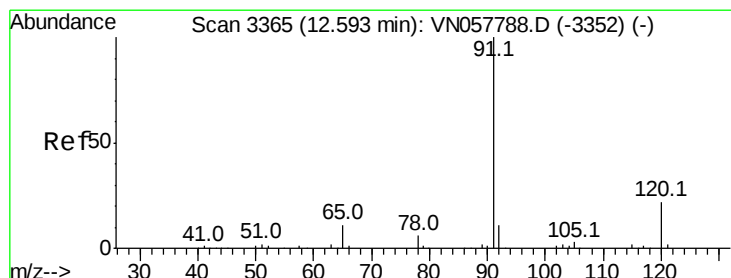
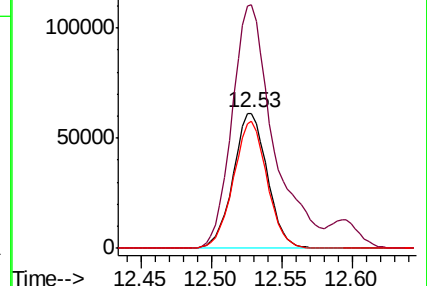
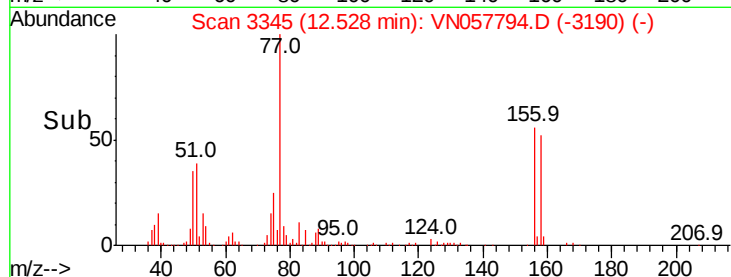
158 92.3 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.080 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057794.D

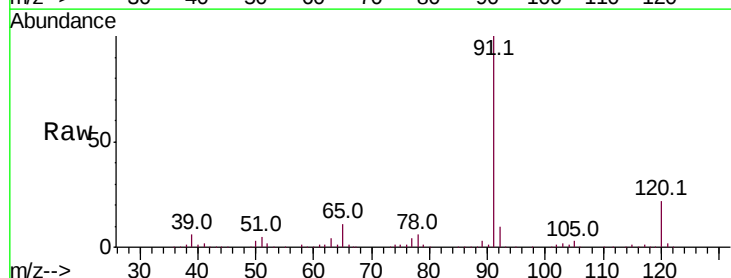
Acq: 9 Sep 2019 12:08

Tgt Ion: 91 Resp: 531280

Ion Ratio Lower Upper

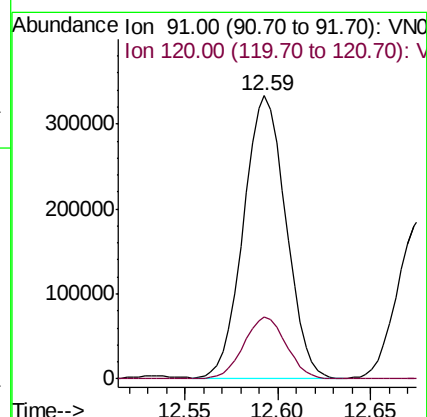
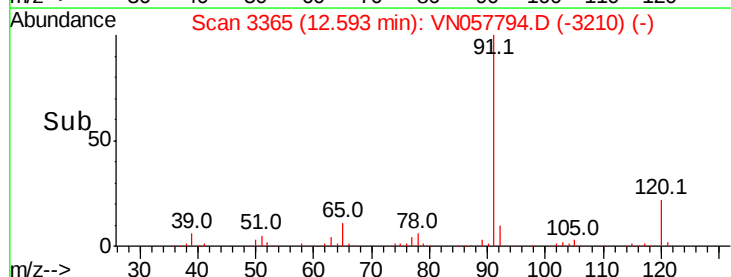
91 100

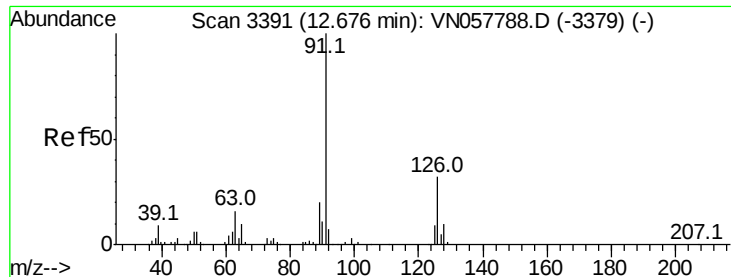
120 21.8 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.001 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

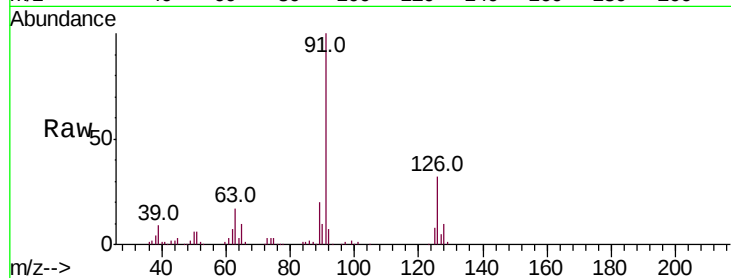
VN0909WBS01

Tot Ion: 91 Resp: 313973

Ion Ratio Lower Upper

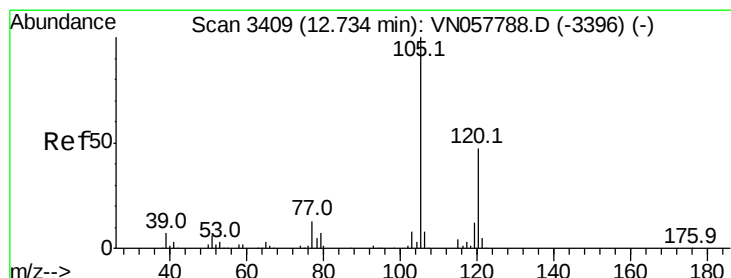
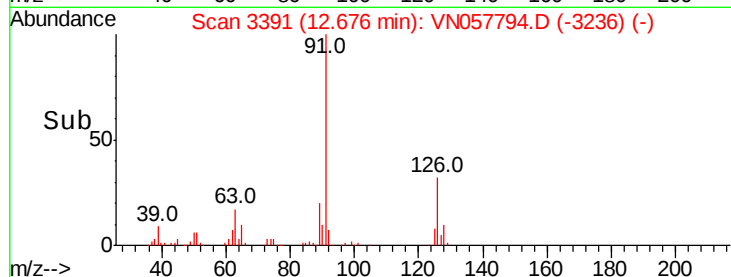
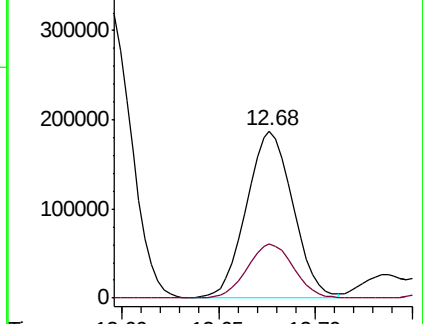
91 100

126 32.4 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 20.270 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057794.D

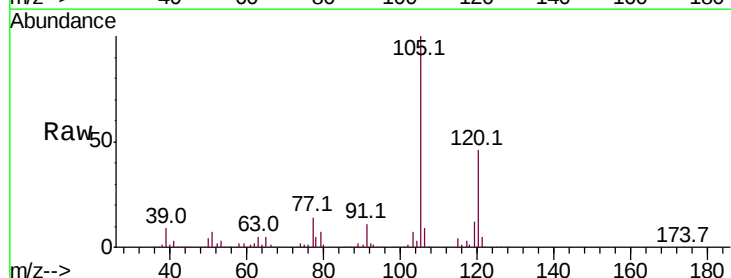
Acq: 9 Sep 2019 12:08

Tgt Ion:105 Resp: 380748

Ion Ratio Lower Upper

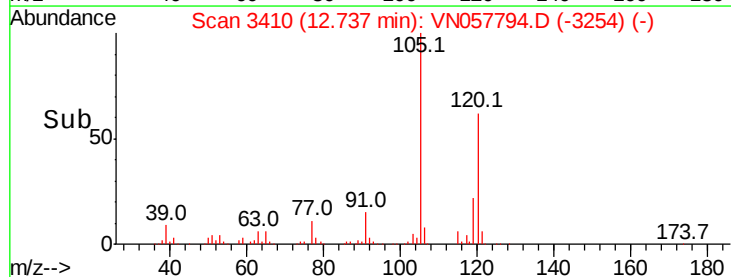
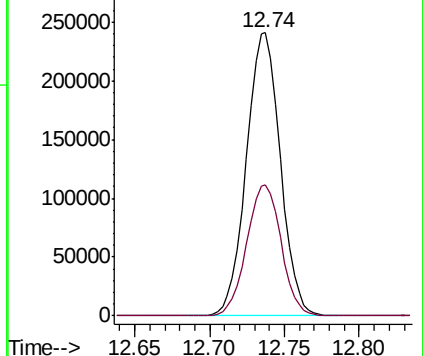
105 100

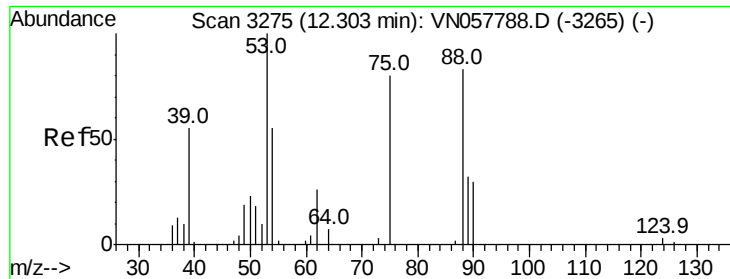
120 46.9 0.0 94.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



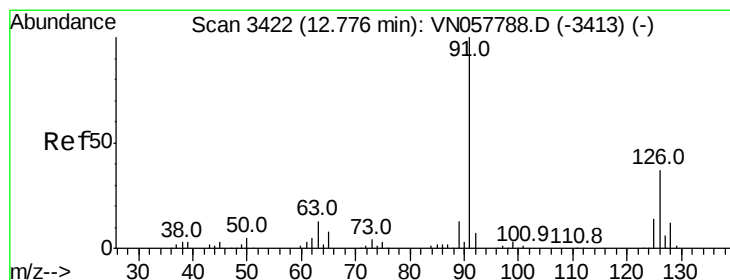
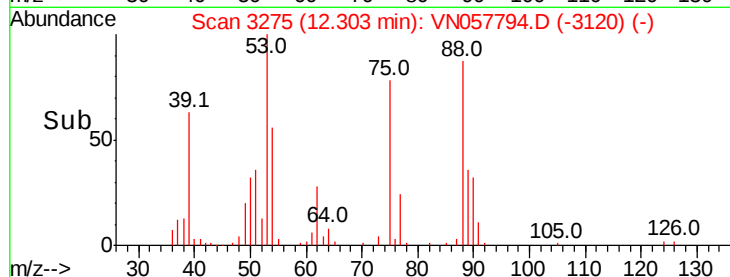
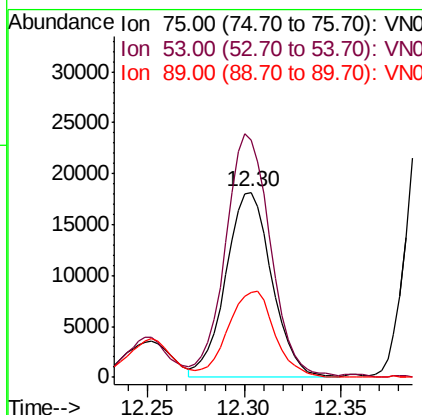
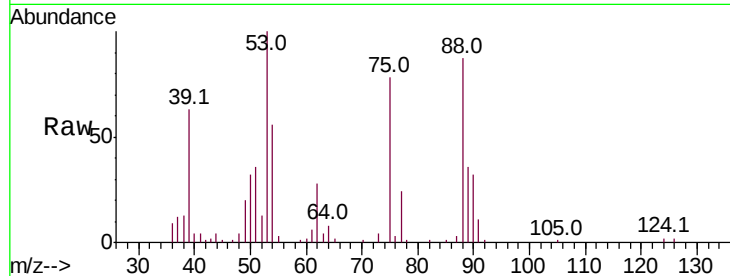


#77
t-1,4-Dichloro-2-butene
Concen: 16.584 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tot Ion: 75 Resp: 30105

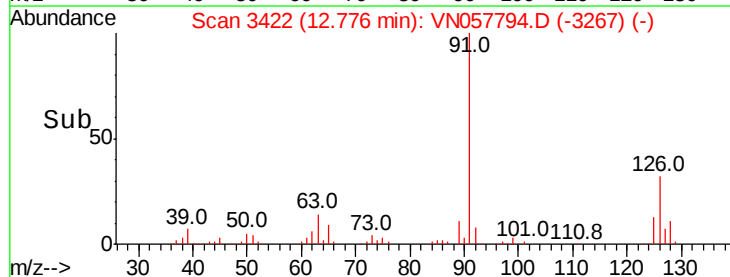
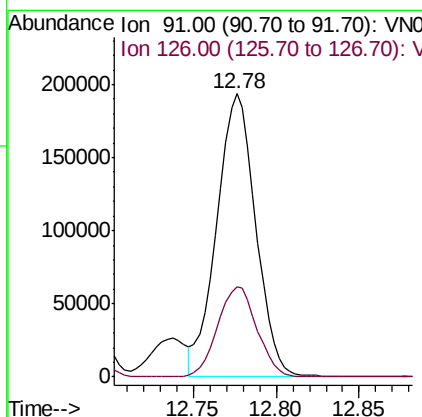
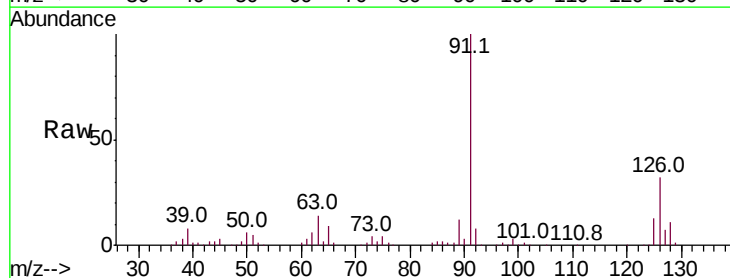
Ion	Ratio	Lower	Upper
75	100		
53	126.8	62.7	188.2
89	46.1	22.8	68.3

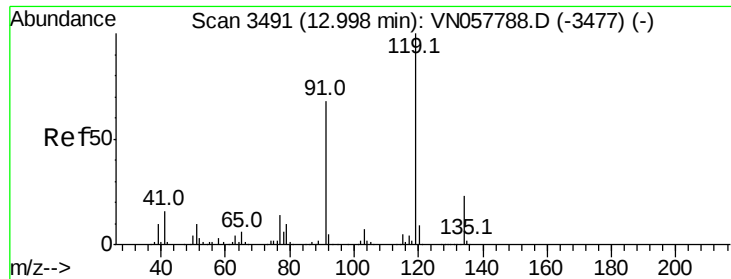


#78
4-Chlorotoluene
Concen: 19.758 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 91 Resp: 316372

Ion	Ratio	Lower	Upper
91	100		
126	32.2	0.0	65.2

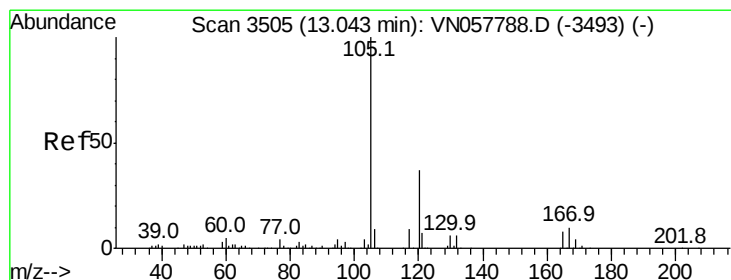
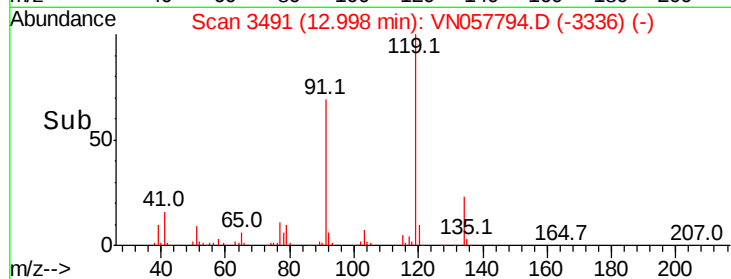
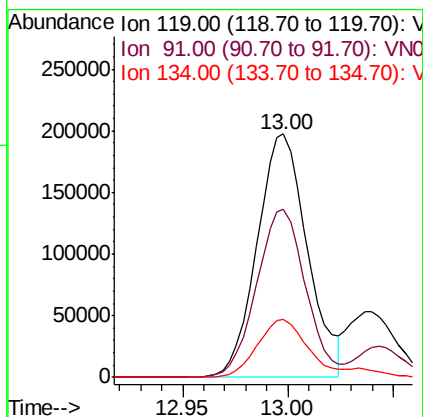
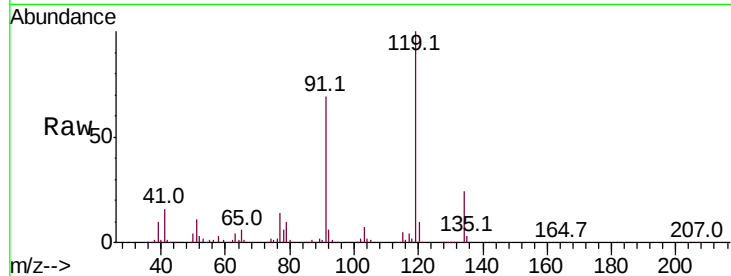




#79
tert-butylbenzene
Concen: 19.965 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

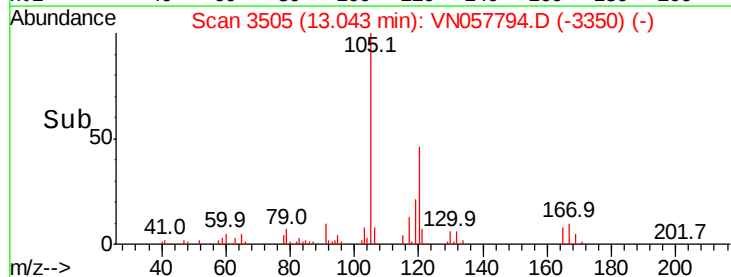
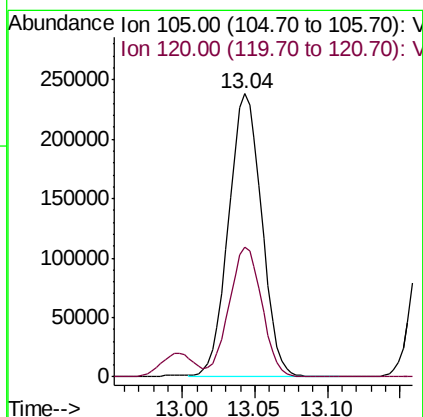
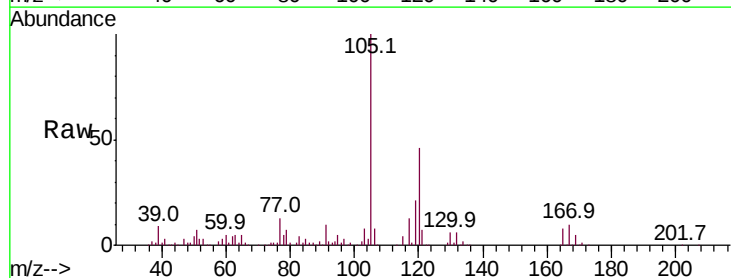
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

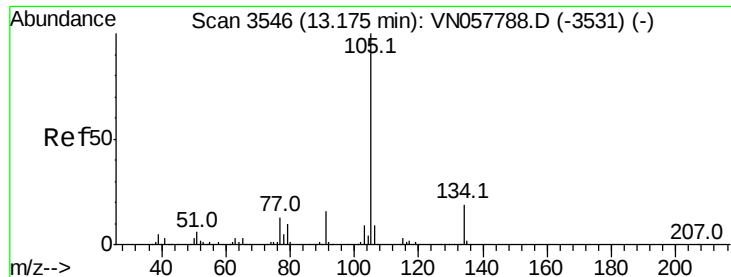
Tot Ion:119 Resp: 327176
Ion Ratio Lower Upper
119 100
91 67.1 0.0 133.8
134 23.4 0.0 46.4



#80
1,2,4-Trimethylbenzene
Concen: 20.113 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion:105 Resp: 376442
Ion Ratio Lower Upper
105 100
120 45.4 0.0 87.8

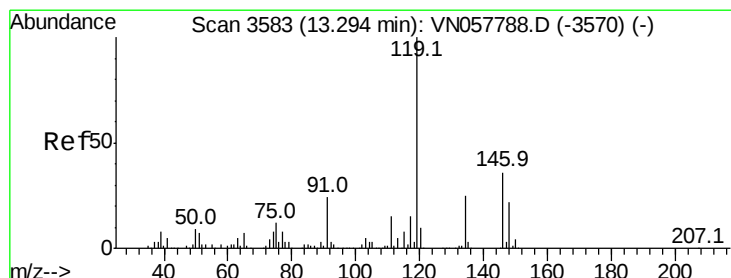
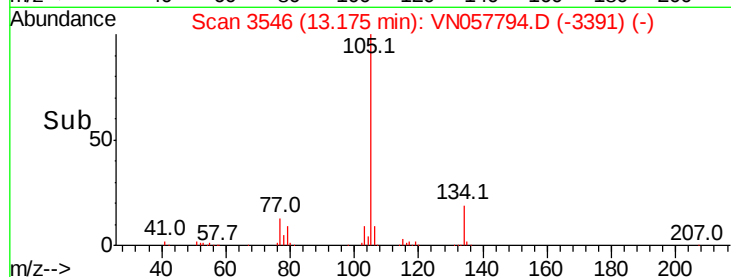
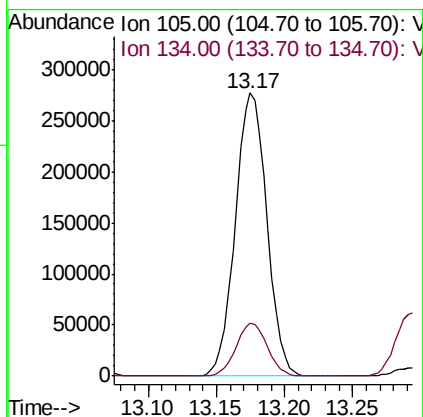
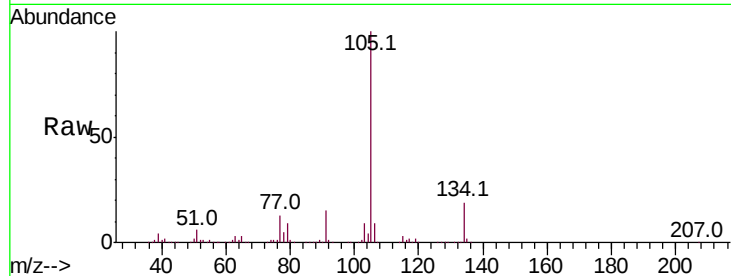




#81
 sec-Butylbenzene
 Concen: 20.361 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

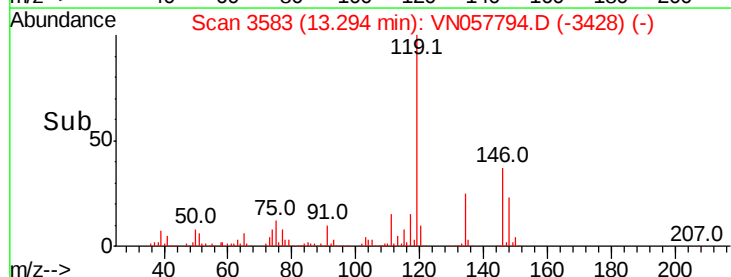
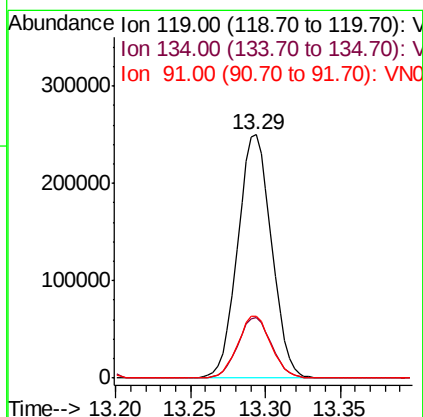
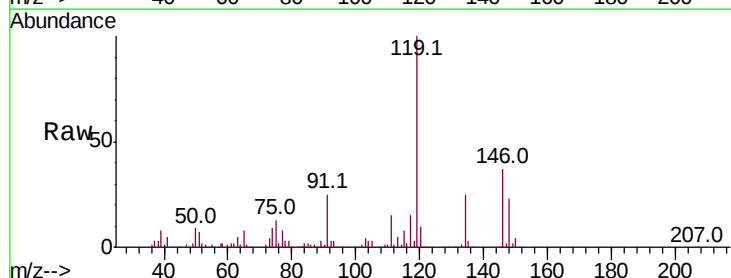
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

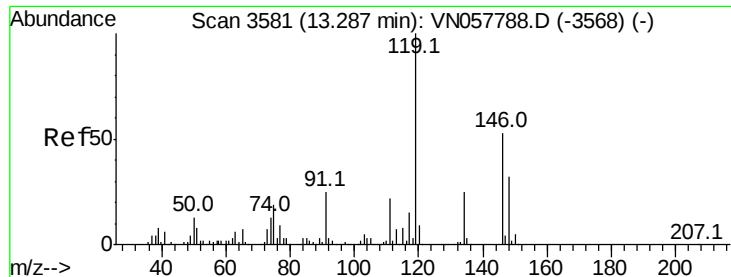
Tot Ion:105 Resp: 442710
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 20.192 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Tgt Ion:119 Resp: 393165
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 50.4
 91 25.1 0.0 48.8

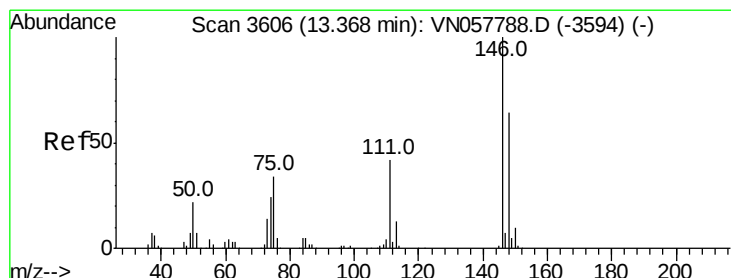
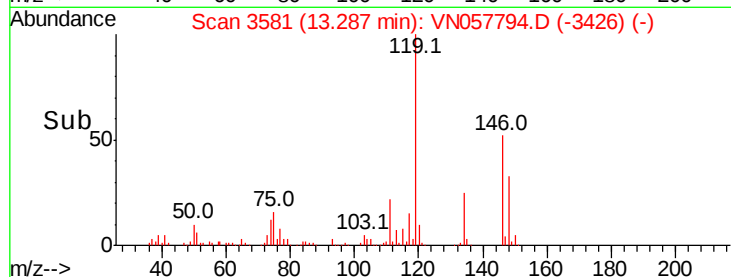
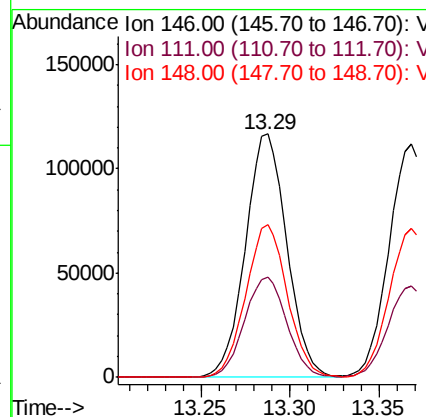
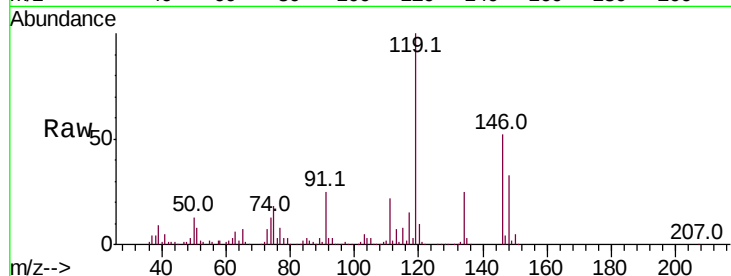




#83
 1,3-Dichlorobenzene
 Concen: 19.273 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

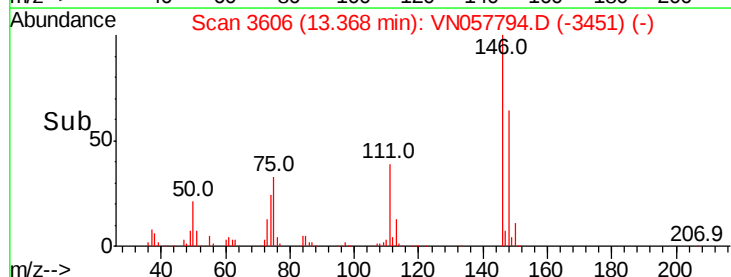
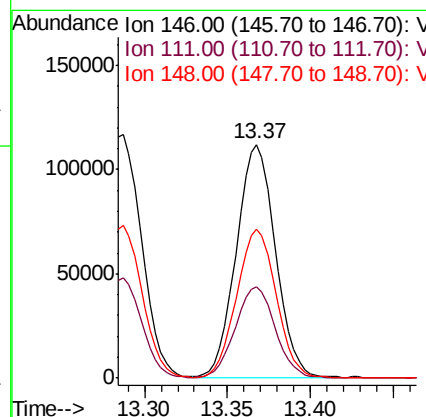
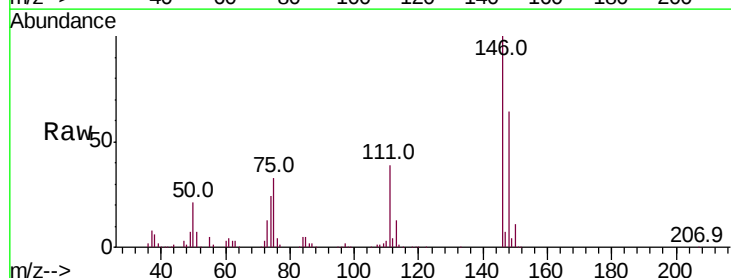
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

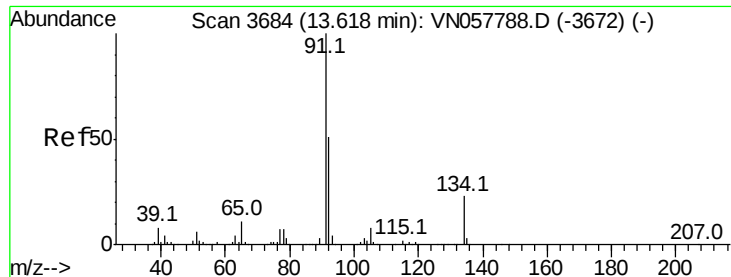
Tot Ion:146 Resp: 189188
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.7 62.1
 148 63.0 30.9 92.5



#84
 1,4-Dichlorobenzene
 Concen: 18.960 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Tgt Ion:146 Resp: 183237
 Ion Ratio Lower Upper
 146 100
 111 40.3 21.1 63.4
 148 65.0 31.7 95.1

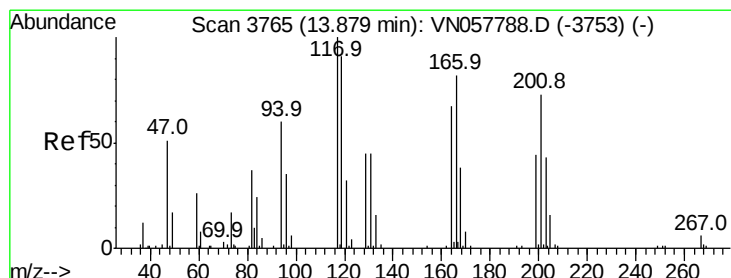
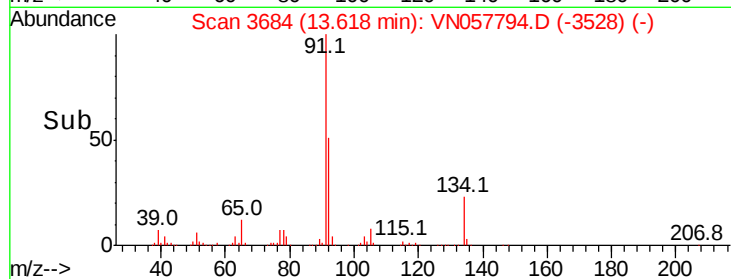
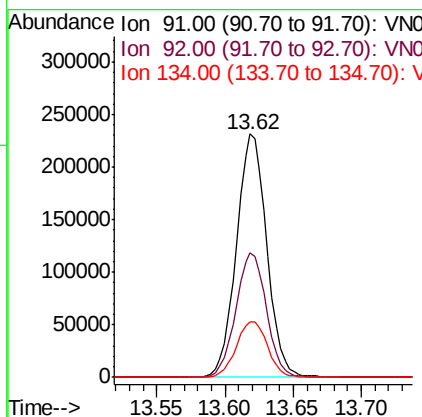
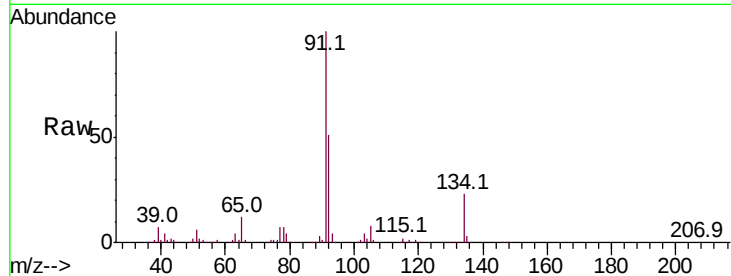




#85
n-Butylbenzene
Concen: 19.649 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

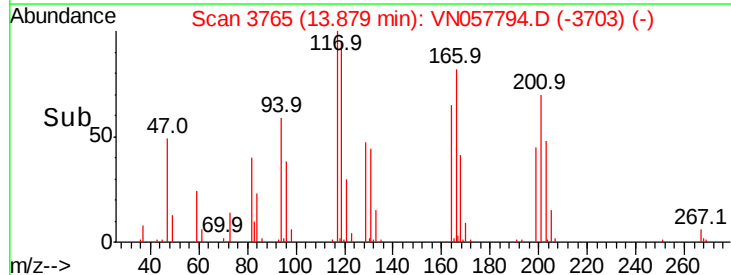
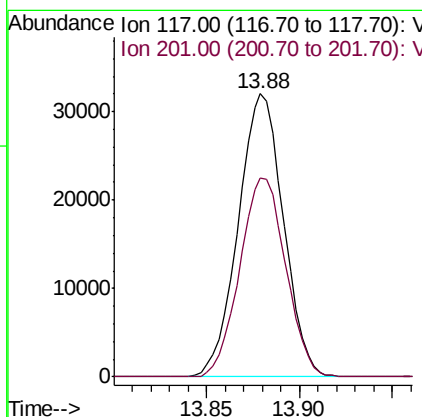
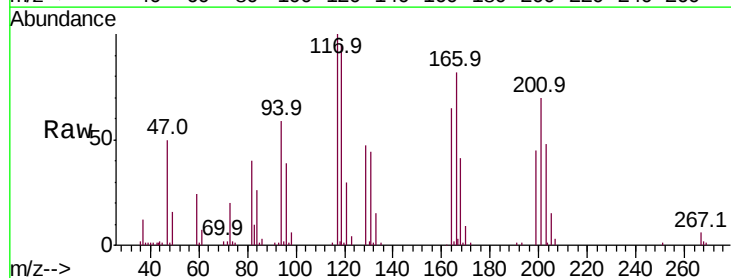
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

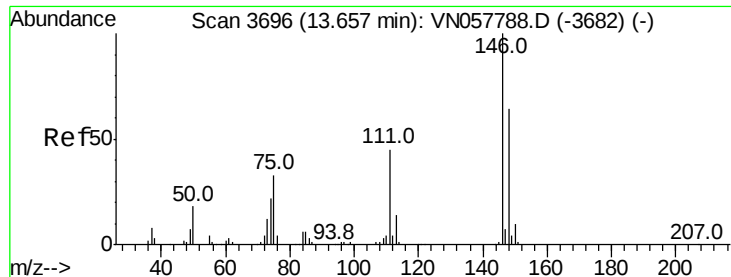
Tot Ion: 91 Resp: 356573
Ion Ratio Lower Upper
91 100
92 51.7 0.0 100.0
134 23.7 0.0 46.6



#86
Hexachloroethane
Concen: 17.420 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN057794.D
Acq: 9 Sep 2019 12:08

Tgt Ion: 117 Resp: 54028
Ion Ratio Lower Upper
117 100
201 71.5 36.7 110.1

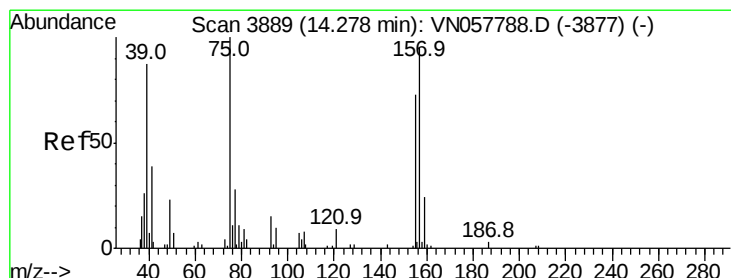
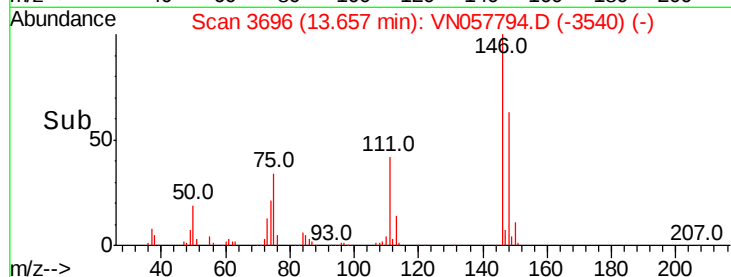
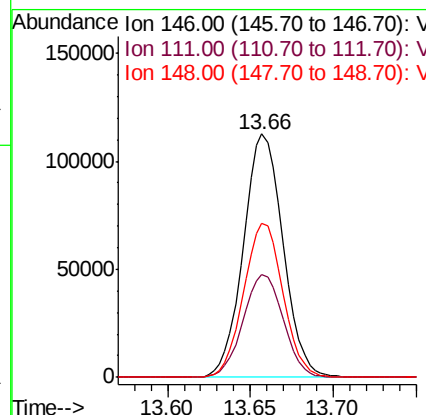
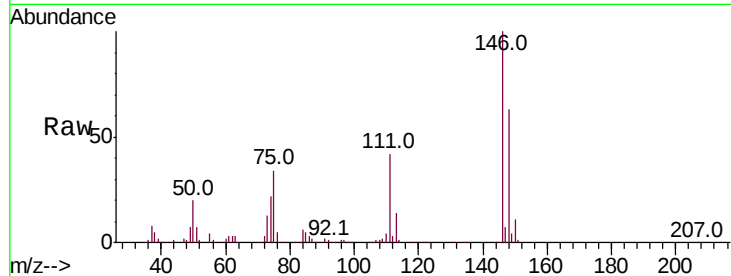




#87
 1,2-Dichlorobenzene
 Concen: 19.751 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

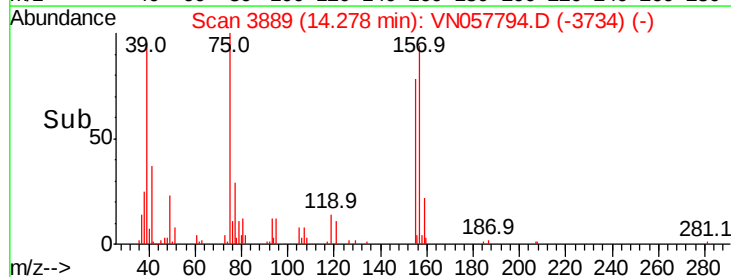
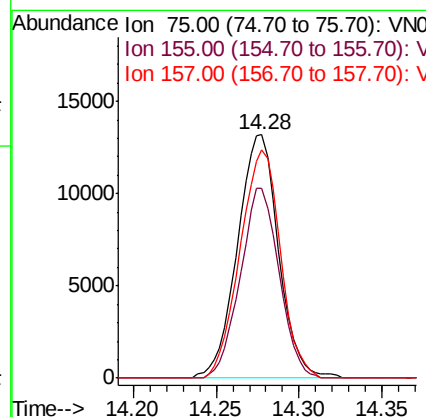
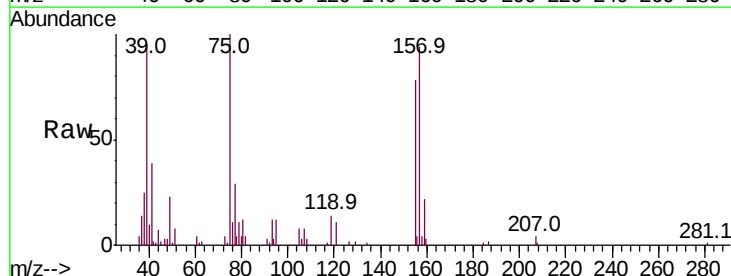
Instrument :
 MSVOA_N
 ClientSampled :
 VN0909WBS01

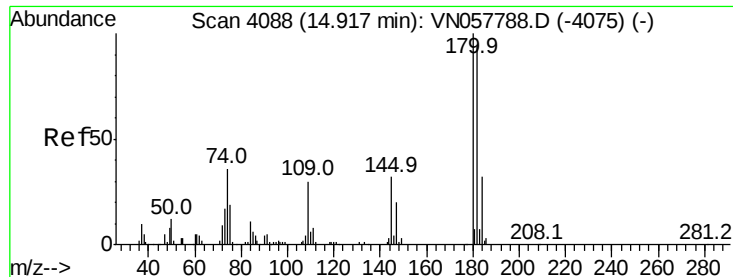
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.2	66.6
148	62.8	32.1	96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.743 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.6	59.4	89.2
157	92.1	74.6	112.0

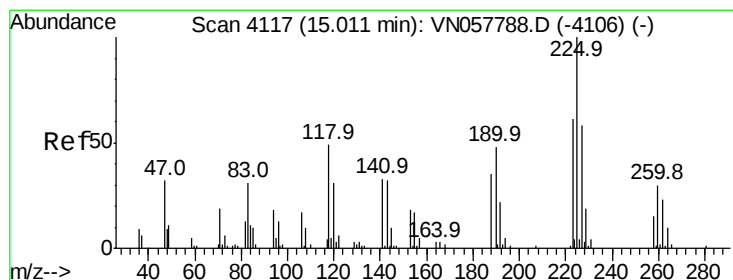
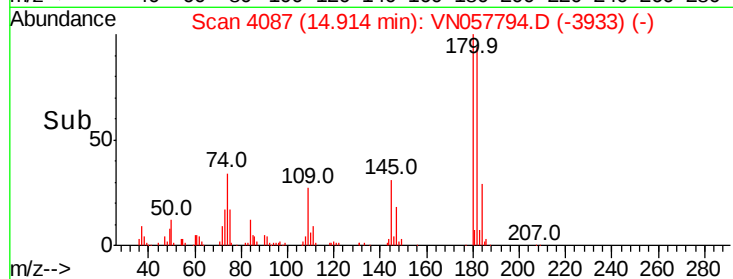
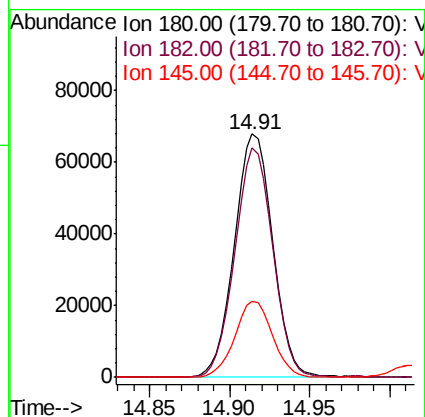
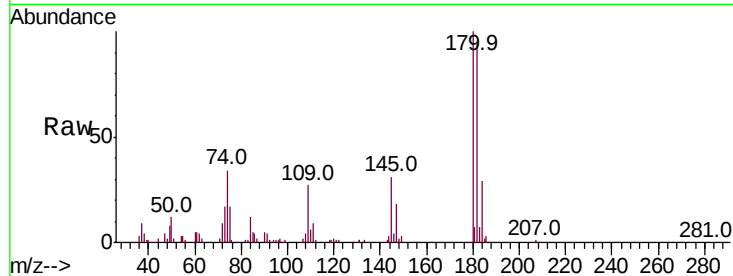




#89
 1,2,4-Trichlorobenzene
 Concen: 19.032 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

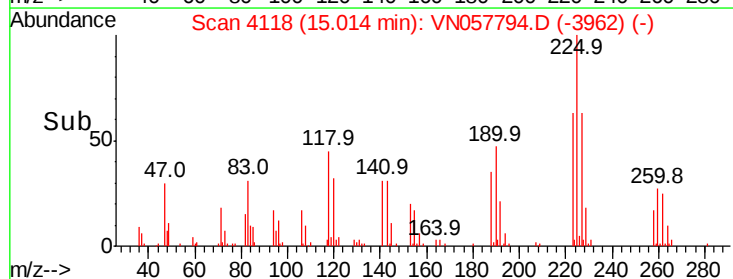
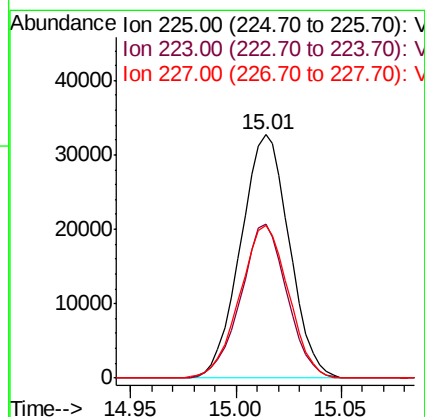
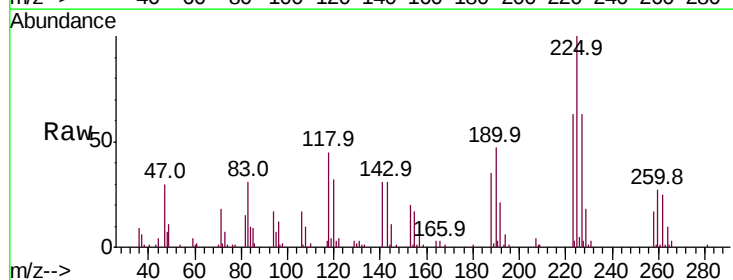
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

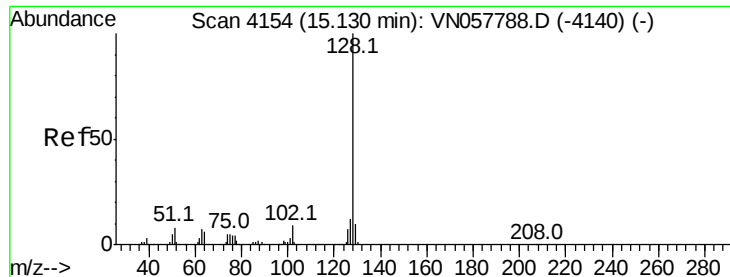
Tot Ion:180 Resp: 110784
 Ion Ratio Lower Upper
 180 100
 182 93.3 77.0 115.4
 145 30.6 26.1 39.1



#90
 Hexachlorobutadiene
 Concen: 19.612 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057794.D
 Acq: 9 Sep 2019 12:08

Tgt Ion:225 Resp: 52427
 Ion Ratio Lower Upper
 225 100
 223 60.1 0.0 125.0
 227 62.5 0.0 123.8





#91

Naphthalene

Concen: 19.681 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

Instrument :

MSVOA_N

ClientSampled :

VN0909WBS01

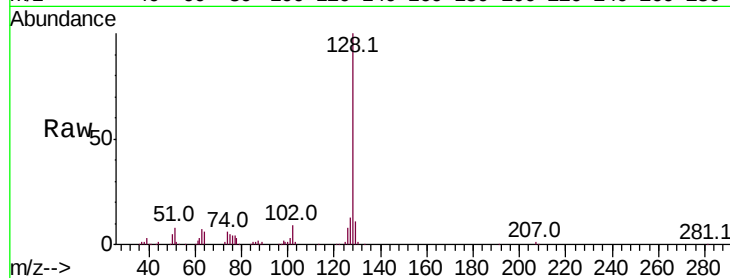
Tot Ion:128 Resp: 315204

Ion Ratio Lower Upper

128 100

127 13.1 9.9 14.9

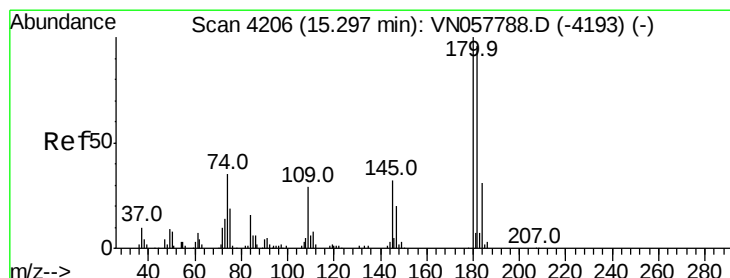
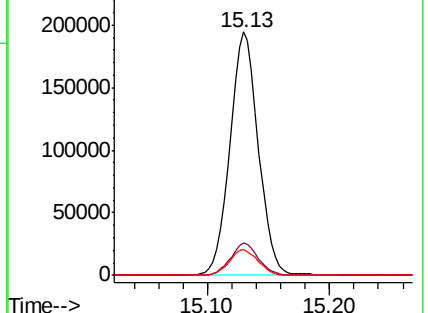
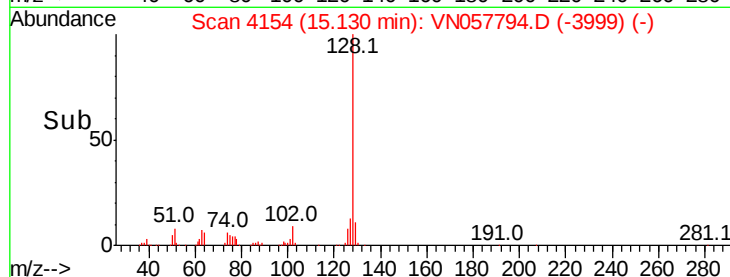
129 10.7 8.1 12.1



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



#92

1,2,3-Trichlorobenzene

Concen: 19.017 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057794.D

Acq: 9 Sep 2019 12:08

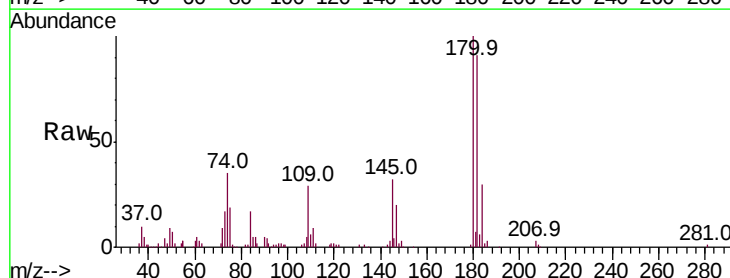
Tgt Ion:180 Resp: 105566

Ion Ratio Lower Upper

180 100

182 93.5 0.0 189.8

145 33.0 0.0 65.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

