

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057807.D
 Acq On : 9 Sep 2019 17:38
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 07:08:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	407033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	658870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	637426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	402211	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	403516	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	7.57	113	297092	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.09	98	1213601	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.40	95	439545	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	264985	47.074	ug/l	98
3) Chloromethane	2.04	50	248068	43.238	ug/l	98
4) Vinyl Chloride	2.16	62	274157	45.150	ug/l	98
5) Bromomethane	2.53	94	166361	49.852	ug/l	96
6) Chloroethane	2.67	64	169807	43.886	ug/l	99
7) Trichlorofluoromethane	2.99	101	348750	45.639	ug/l	98
8) Diethyl Ether	3.39	74	147186	46.182	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	226185	46.922	ug/l	99
10) Methyl Iodide	3.93	142	262589	48.952	ug/l	100
11) Tert butyl alcohol	4.77	59	244542	245.080	ug/l	100
12) 1,1-Dichloroethene	3.71	96	194479	44.871	ug/l	96
13) Acrolein	3.58	56	202583	239.310	ug/l	99
14) Allyl chloride	4.30	41	387521	45.687	ug/l	100
15) Acrylonitrile	4.96	53	650733	237.272	ug/l	99
16) Acetone	3.80	43	592963	219.406	ug/l	97
17) Carbon Disulfide	4.03	76	318254	47.188	ug/l	99
18) Methyl Acetate	4.30	43	350715	48.671	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	879223	48.745	ug/l	99
20) Methylene Chloride	4.53	84	254037	49.360	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	211057	45.047	ug/l	99
22) Diisopropyl ether	5.93	45	963937	48.461	ug/l	98
23) Vinyl Acetate	5.87	43	3598660	255.281	ug/l	100
24) 1,1-Dichloroethane	5.82	63	511295	47.033	ug/l	100
25) 2-Butanone	6.82	43	921523	235.588	ug/l	100
26) 2,2-Dichloropropane	6.81	77	413330	48.044	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	292067	46.516	ug/l	100
28) Bromochloromethane	7.18	49	265832	48.947	ug/l	97
29) Tetrahydrofuran	7.19	42	582127	241.513	ug/l	99
30) Chloroform	7.36	83	528237	46.473	ug/l	97
31) Cyclohexane	7.64	56	370366	49.994	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	434228	48.168	ug/l	99
36) 1,1-Dichloropropene	7.78	75	346449	45.340	ug/l	99
37) Ethyl Acetate	6.91	43	366000	46.360	ug/l	99
38) Carbon Tetrachloride	7.76	117	339771	48.703	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057807.D
 Acq On : 9 Sep 2019 17:38
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 07:08:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	369819	46.040	ug/l	97
40) Benzene	8.03	78	1080501	46.968	ug/l	98
41) Methacrylonitrile	7.19	41	548437	153.038	ug/l #	16
42) 1,2-Dichloroethane	8.11	62	429120	46.641	ug/l	100
43) Isopropyl Acetate	8.15	43	652289	49.132	ug/l #	91
44) Trichloroethene	8.82	130	259129	45.925	ug/l	99
45) 1,2-Dichloropropane	9.11	63	316724	47.314	ug/l	98
46) Dibromomethane	9.20	93	194511	48.086	ug/l	99
47) Bromodichloromethane	9.40	83	406122	50.277	ug/l	100
48) Methyl methacrylate	9.19	41	318486	47.291	ug/l	99
49) 1,4-Dioxane	9.19	88	107730	945.924	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	2008682	255.670	ug/l	99
52) Toluene	10.15	92	690907	47.684	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	441277	51.877	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	482069	51.331	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	298135	48.576	ug/l	99
56) Ethyl methacrylate	10.43	69	465945	50.414	ug/l	100
57) 1,3-Dichloropropane	10.71	76	512584	48.461	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1102396	253.243	ug/l	100
59) 2-Hexanone	10.75	43	1486899	252.497	ug/l	100
60) Dibromochloromethane	10.90	129	302323	53.046	ug/l	99
61) 1,2-Dibromoethane	11.00	107	283828	48.915	ug/l	99
64) Tetrachloroethene	10.63	164	215561	45.801	ug/l	97
65) Chlorobenzene	11.43	112	782051	46.880	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	285155	49.262	ug/l	99
67) Ethyl Benzene	11.51	91	1431361	48.959	ug/l	99
68) m/p-Xylenes	11.62	106	1040060	97.120	ug/l	99
69) o-Xylene	11.95	106	519757	48.820	ug/l	99
70) Styrene	11.97	104	918409	50.125	ug/l	99
71) Bromoform	12.13	173	191748	53.132	ug/l #	98
73) Isopropylbenzene	12.25	105	1451144	46.496	ug/l	99
74) N-amyl acetate	12.07	43	637386	46.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	461375	43.905	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	568178	62.446	ug/l #	100
77) Bromobenzene	12.53	156	335853	43.161	ug/l	100
78) n-propylbenzene	12.59	91	1698727	47.399	ug/l	100
79) 2-Chlorotoluene	12.68	91	1007806	44.492	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1252580	47.499	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	124463	48.137	ug/l	99
82) 4-Chlorotoluene	12.78	91	1065674	45.813	ug/l	100
83) tert-Butylbenzene	13.00	119	1099677	46.912	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1270154	47.390	ug/l	100
85) sec-Butylbenzene	13.17	105	1503113	48.379	ug/l	99
86) p-Isopropyltoluene	13.29	119	1345868	49.163	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	650325	45.532	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	656789	45.303	ug/l	99
89) n-Butylbenzene	13.62	91	1261468	48.795	ug/l	99
90) Hexachloroethane	13.88	117	205066	50.369	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	652727	45.744	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	85277	49.139	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
Data File : VN057807.D
Acq On : 9 Sep 2019 17:38
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 10 07:08:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

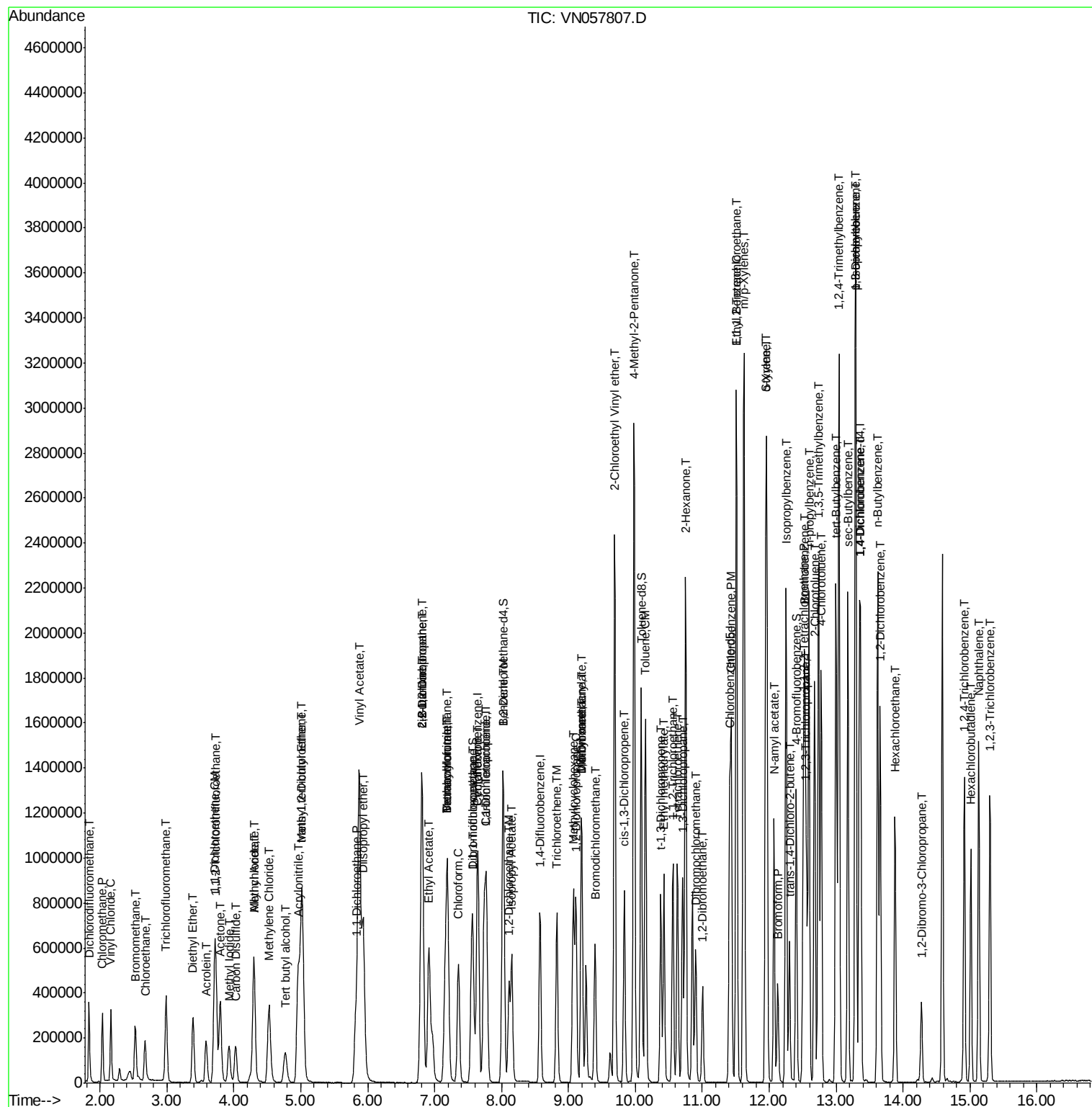
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	405344	43.461	ug/l	99
94) Hexachlorobutadiene	15.01	225	176379	44.613	ug/l	98
95) Naphthalene	15.13	128	1162705	49.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	378133	46.513	ug/l	99

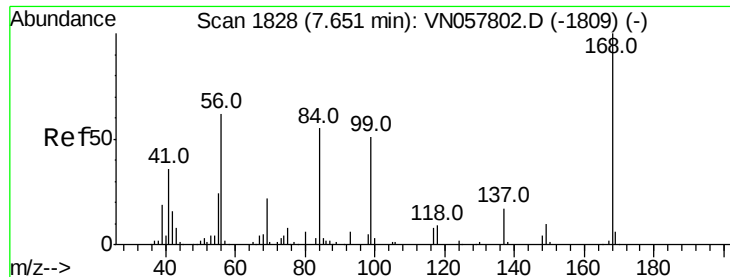
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
Data File : VN057807.D
Acq On : 9 Sep 2019 17:38
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Sep 10 07:08:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

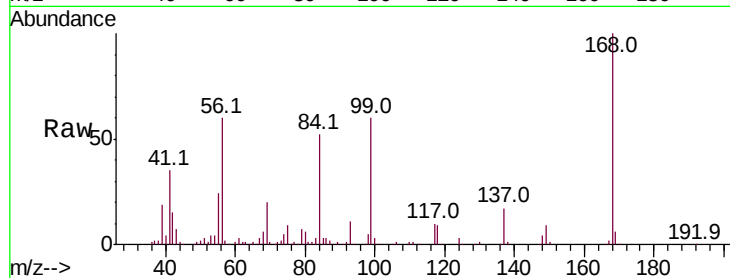
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 407033

Ion Ratio Lower Upper

168 100

99 59.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

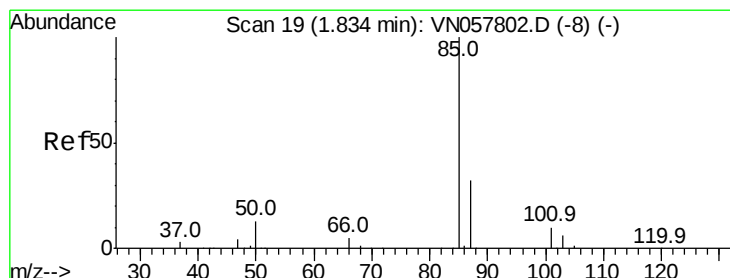
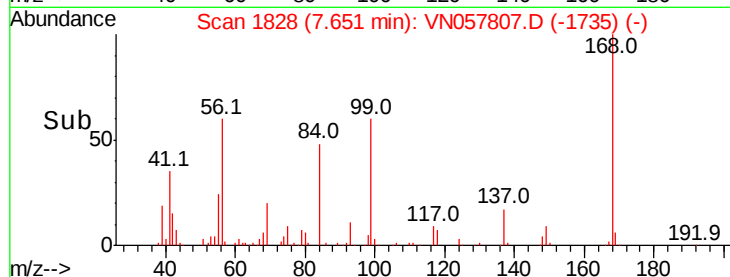
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.074 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057807.D

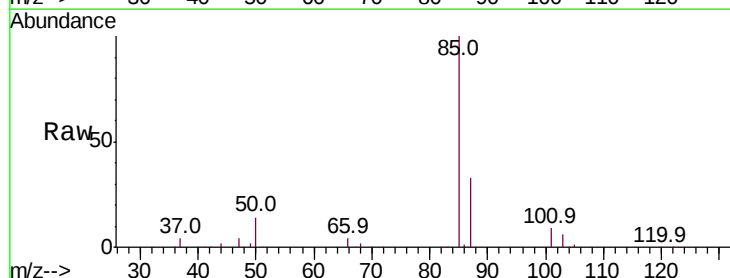
Acq: 9 Sep 2019 17:38

Tgt Ion: 85 Resp: 264985

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

200000

150000

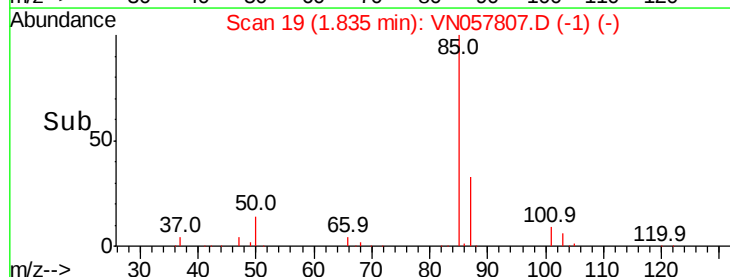
100000

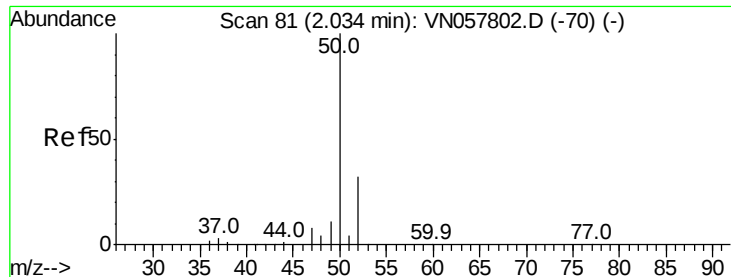
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 43.238 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

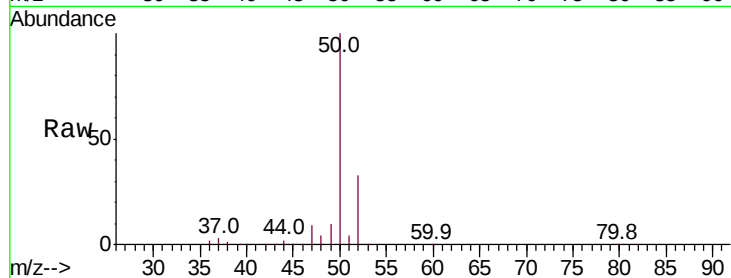
ClientSampleId :

Tot Ion: 50 Resp: 248068

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

2.04

200000

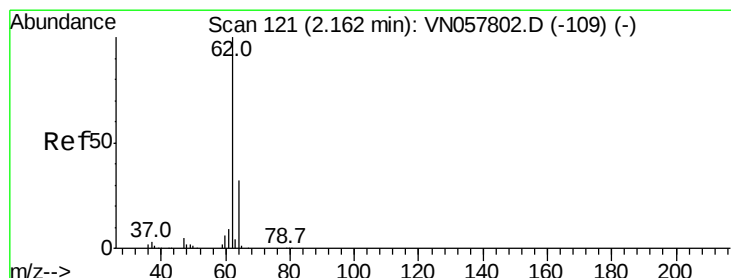
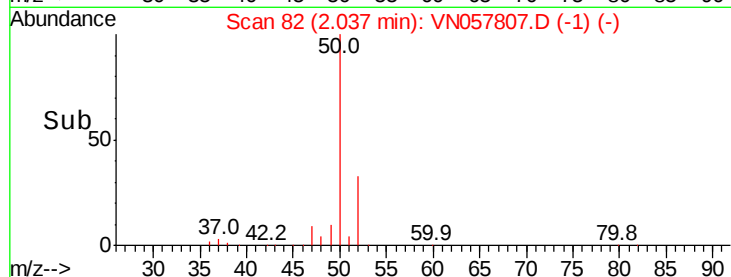
150000

100000

50000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 45.150 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057807.D

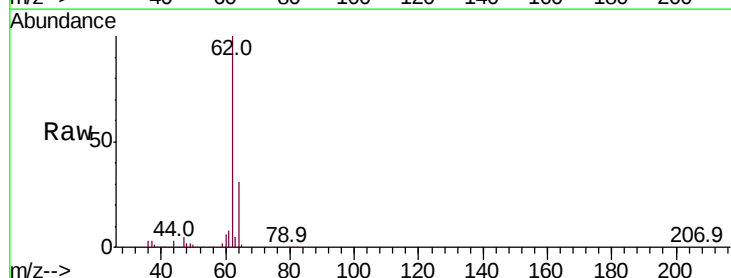
Acq: 9 Sep 2019 17:38

Tgt Ion: 62 Resp: 274157

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

2.16

200000

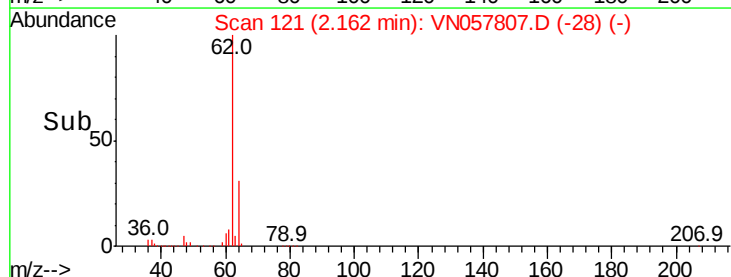
150000

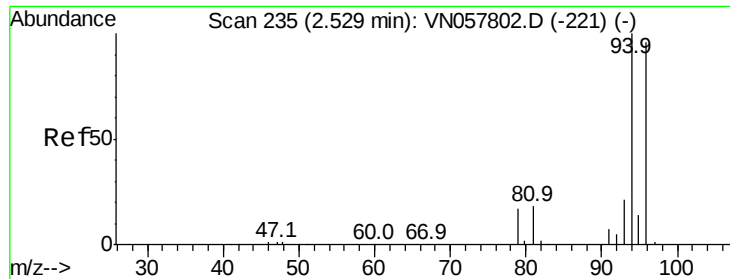
100000

50000

0

Time--> 2.10 2.15 2.20 2.25

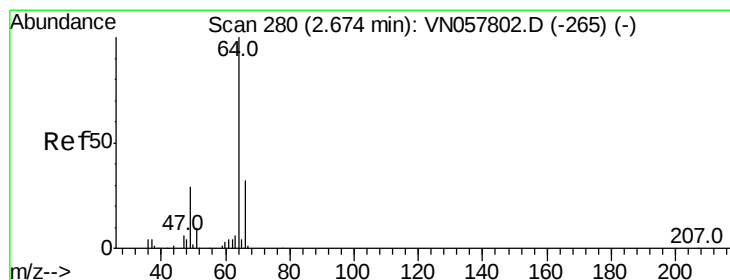
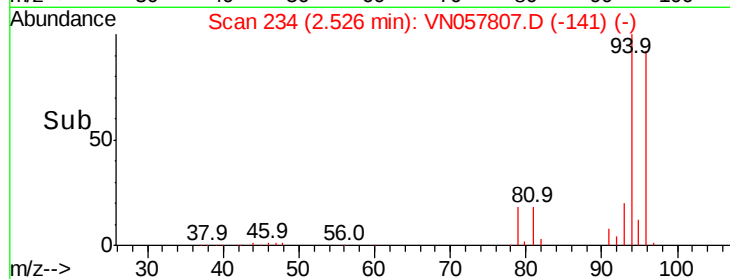
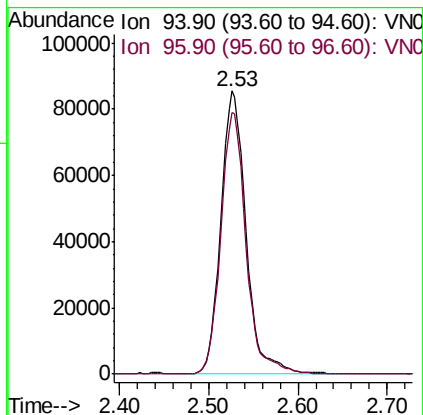
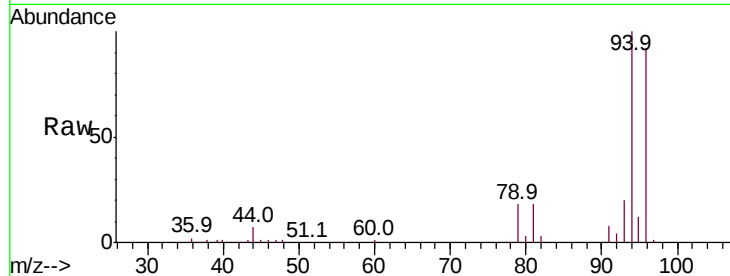




#5
Bromomethane
Concen: 49.852 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

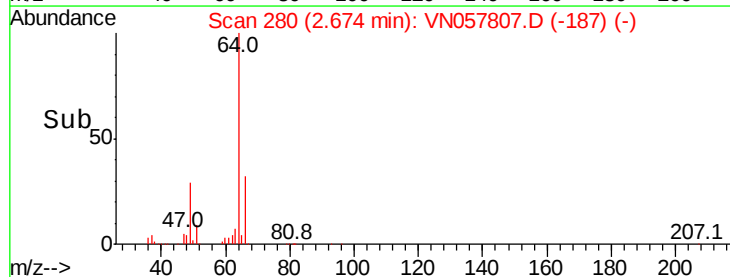
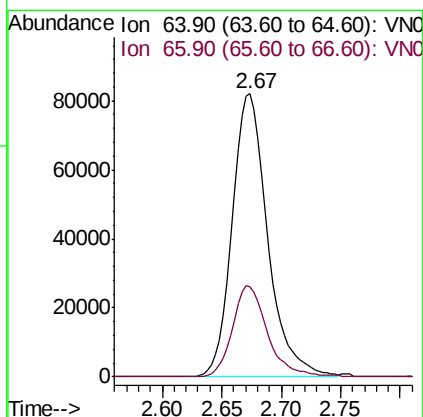
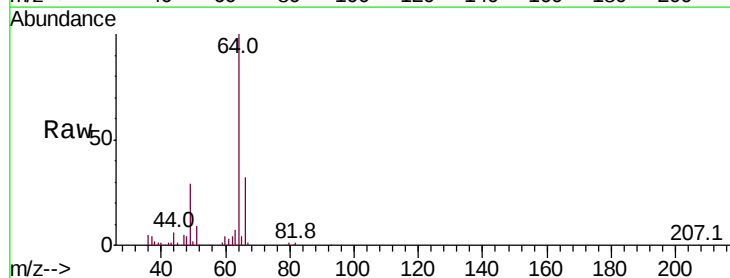
Instrument :
MSVOA_N
ClientSampled :

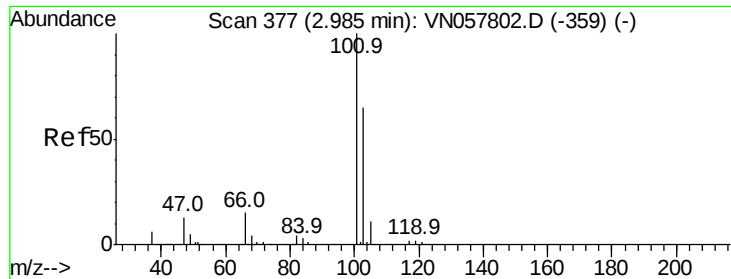
Tot Ion: 94 Resp: 166361
Ion Ratio Lower Upper
94 100
96 92.5 77.0 115.4



#6
Chloroethane
Concen: 43.886 ug/l
RT: 2.67 min Scan# 280
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion: 64 Resp: 169807
Ion Ratio Lower Upper
64 100
66 31.6 25.5 38.3



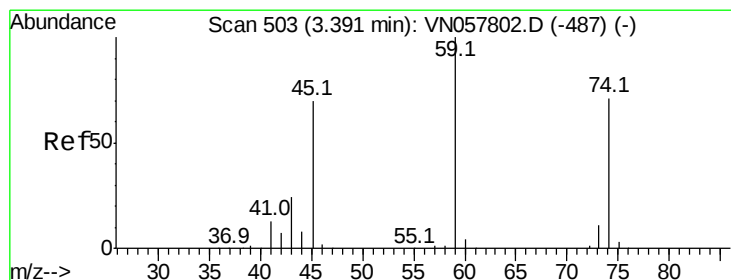
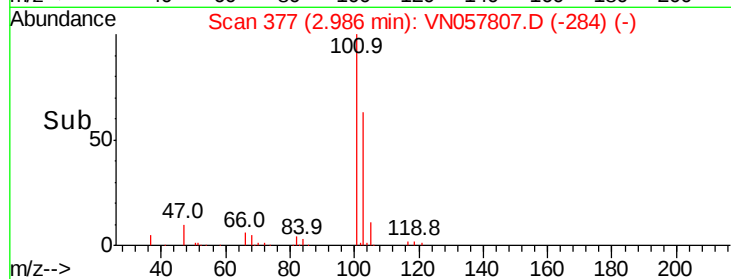
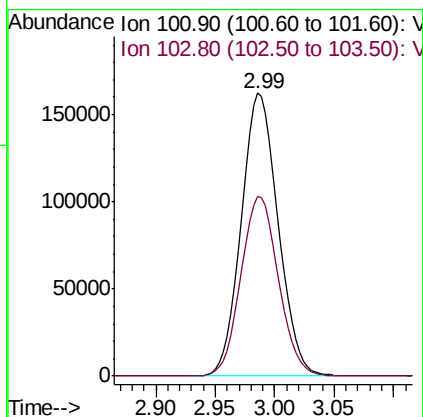
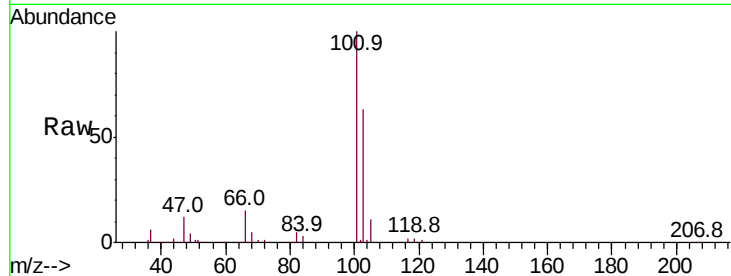


#7

Trichlorofluoromethane
 Concen: 45.639 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Instrument :
 MSVOA_N
 ClientSampled :

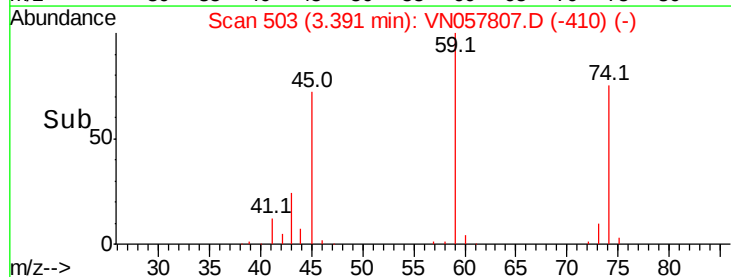
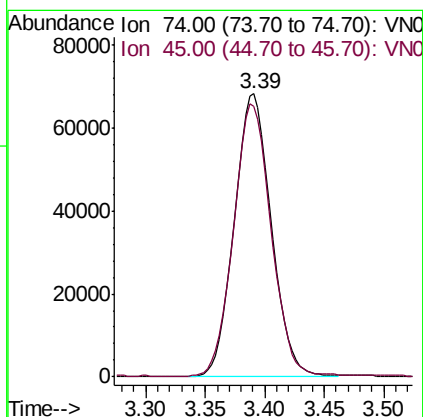
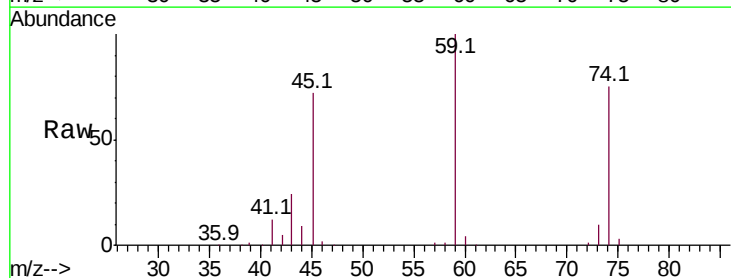
Tot Ion:101 Resp: 348750
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.9 77.9

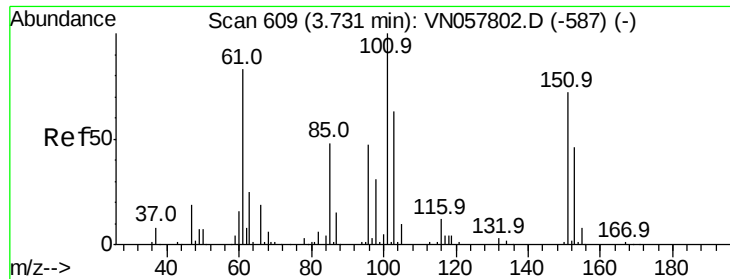


#8

Diethyl Ether
 Concen: 46.182 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion: 74 Resp: 147186
 Ion Ratio Lower Upper
 74 100
 45 97.3 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.922 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

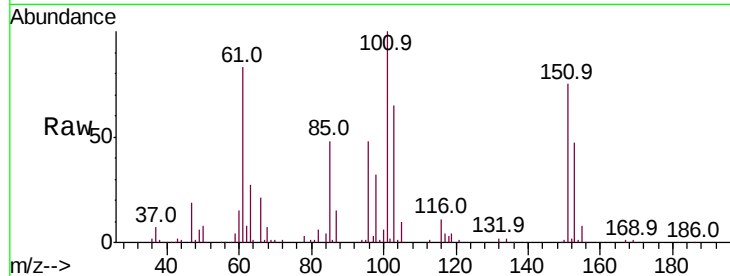
Tot Ion:101 Resp: 226185

Ion Ratio Lower Upper

101 100

85 47.2 38.1 57.1

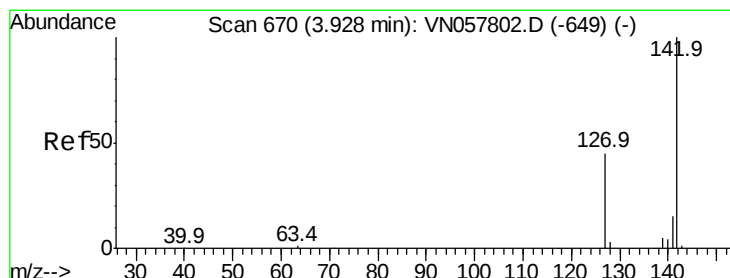
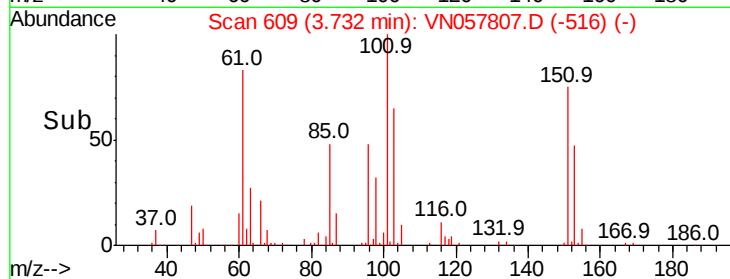
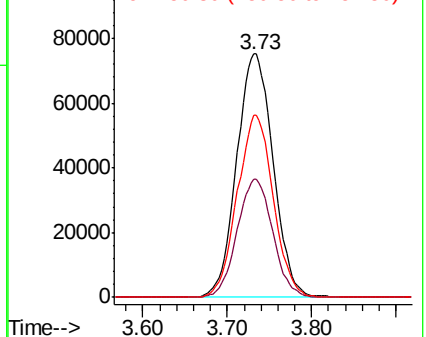
151 73.8 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.952 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

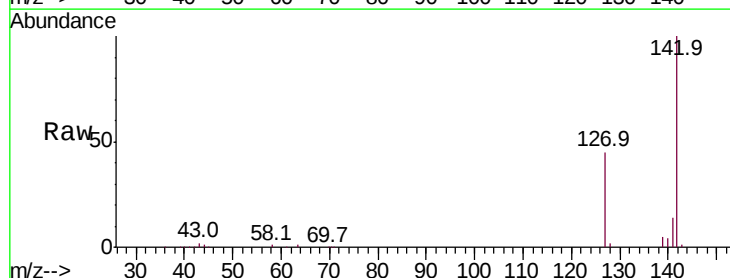
Tgt Ion:142 Resp: 262589

Ion Ratio Lower Upper

142 100

127 45.6 36.7 55.1

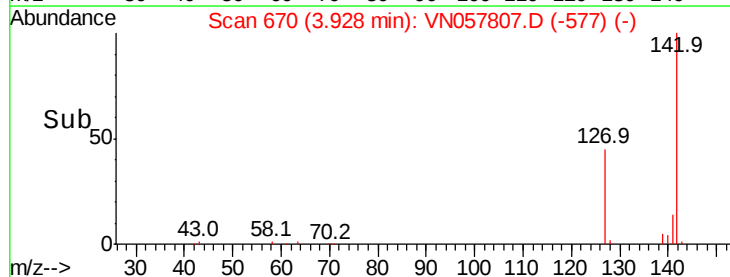
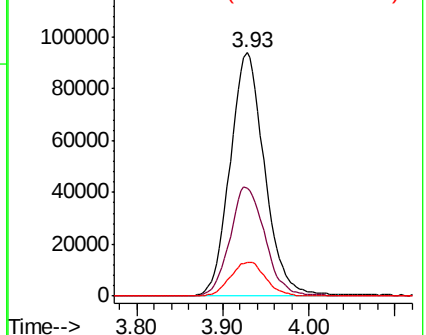
141 14.2 11.4 17.0

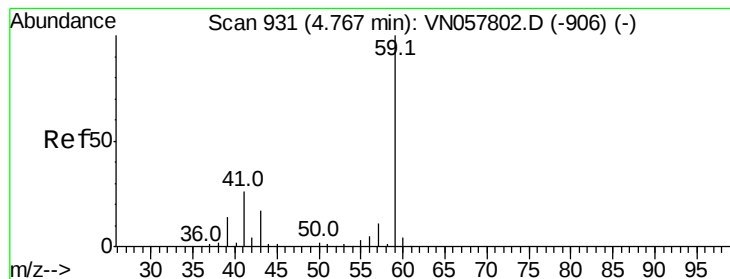


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



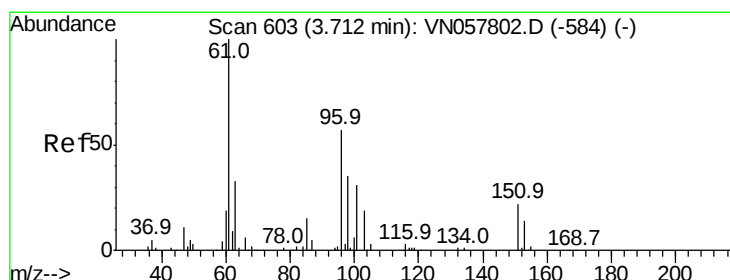
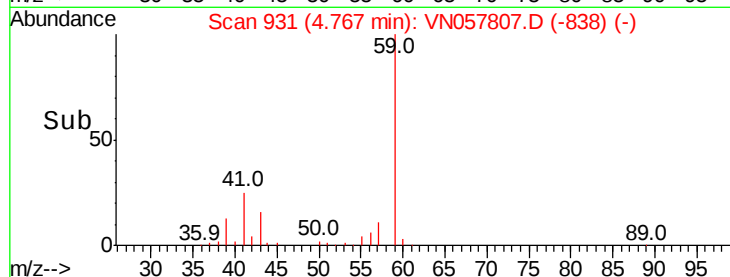
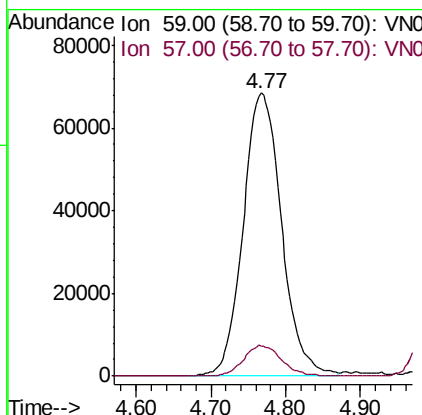
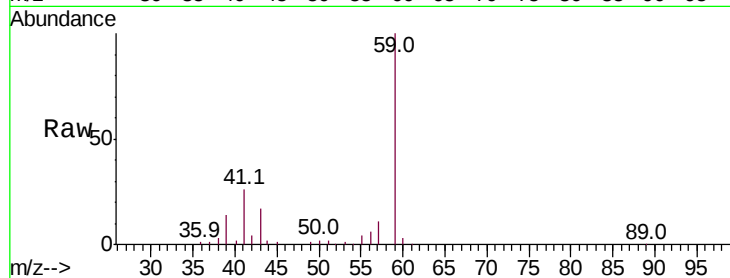


#11

Tert butyl alcohol
 Concen: 245.080 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Instrument :
 MSVOA_N
 ClientSampleId :

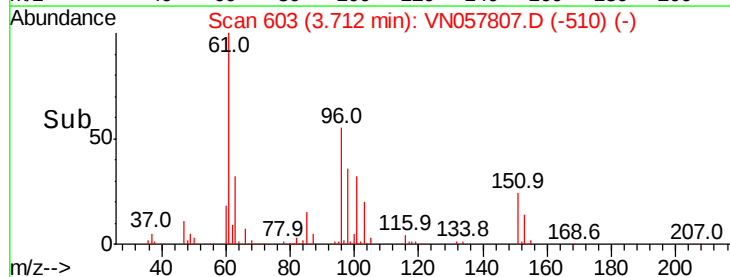
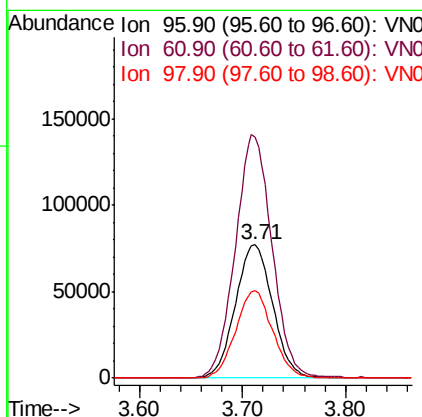
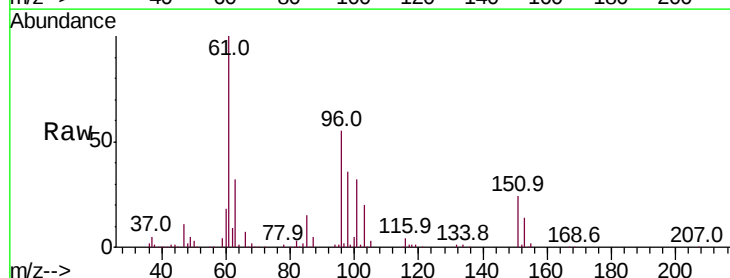
Tot Ion: 59 Resp: 244542
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

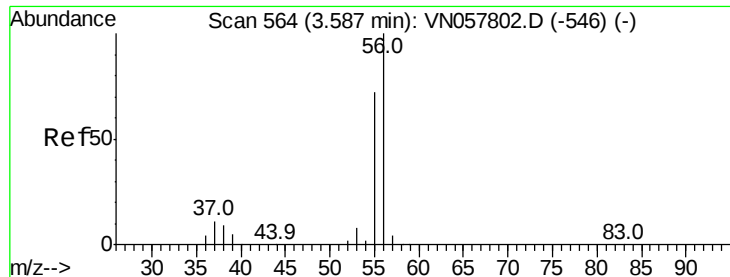


#12

1,1-Dichloroethene
 Concen: 44.871 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion: 96 Resp: 194479
 Ion Ratio Lower Upper
 96 100
 61 181.4 141.2 211.8
 98 65.6 49.9 74.9





#13

Acrolein

Concen: 239.310 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

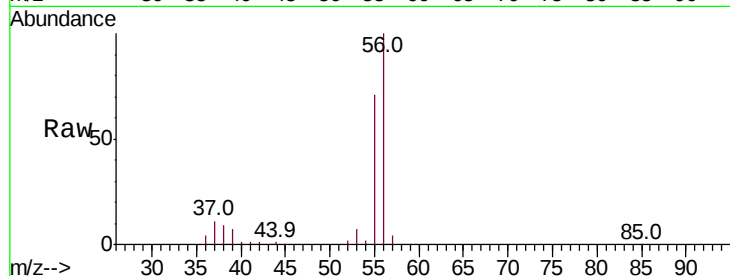
ClientSampled :

Tot Ion: 56 Resp: 202583

Ion Ratio Lower Upper

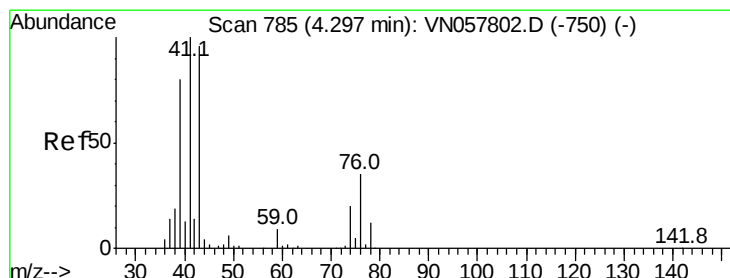
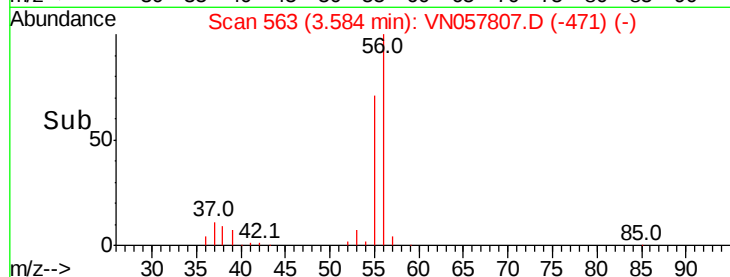
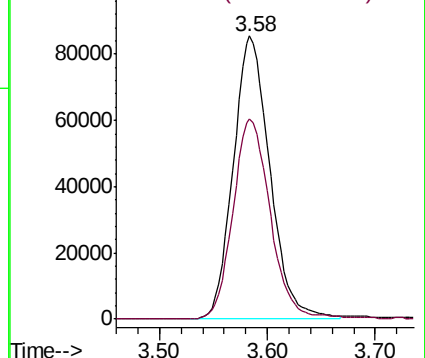
56 100

55 71.0 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 45.687 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

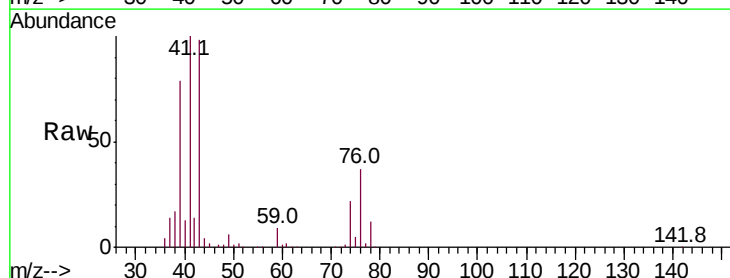
Tgt Ion: 41 Resp: 387521

Ion Ratio Lower Upper

41 100

39 73.9 59.4 89.2

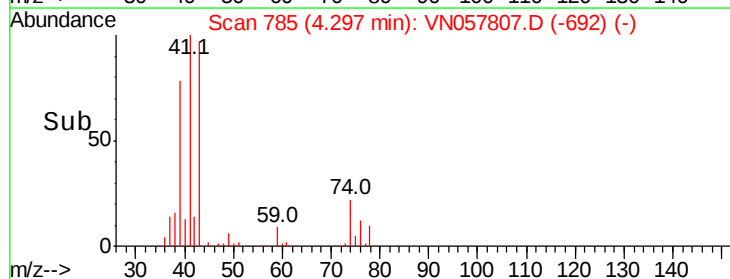
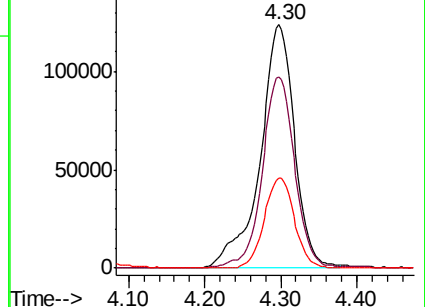
76 32.6 26.0 39.0

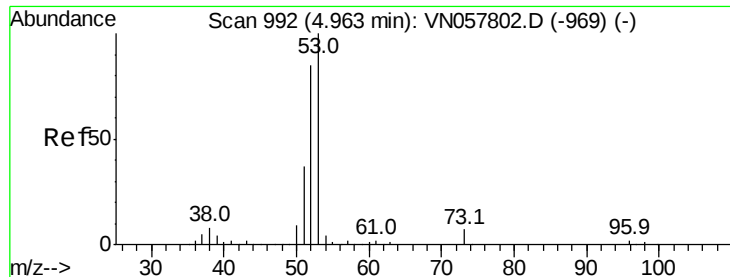


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 237.272 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :
MSVOA_N
ClientSampled :

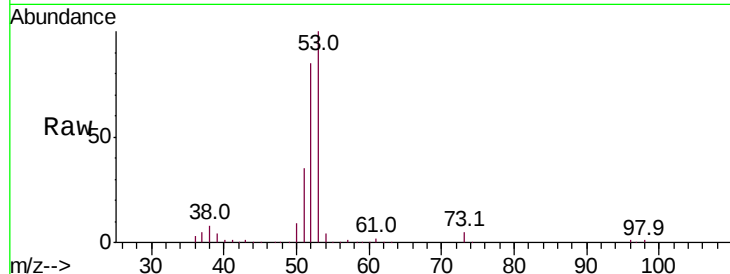
Tot Ion: 53 Resp: 650733

Ion Ratio Lower Upper

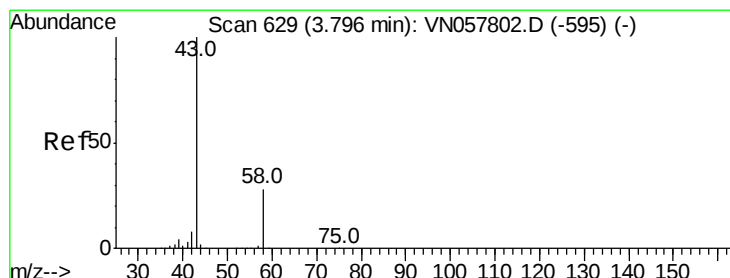
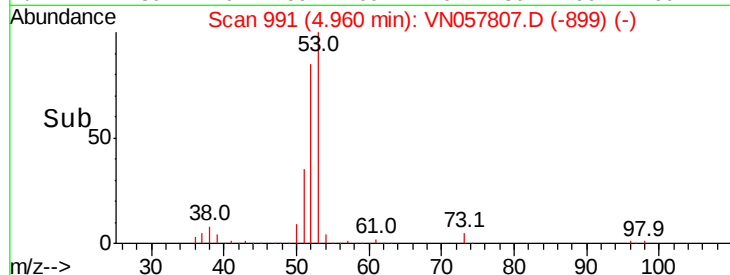
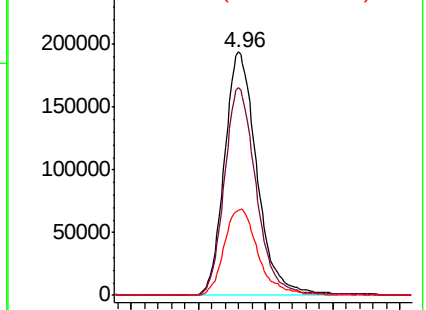
53 100

52 84.0 66.6 100.0

51 37.2 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 219.406 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057807.D

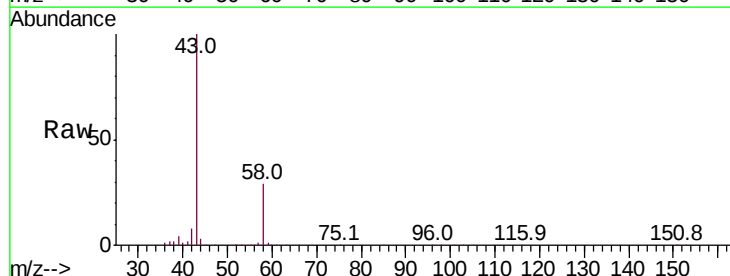
Acq: 9 Sep 2019 17:38

Tgt Ion: 43 Resp: 592963

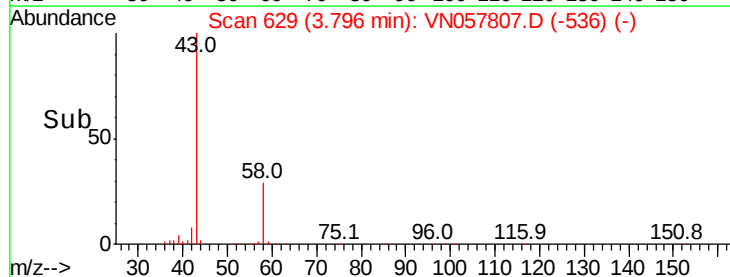
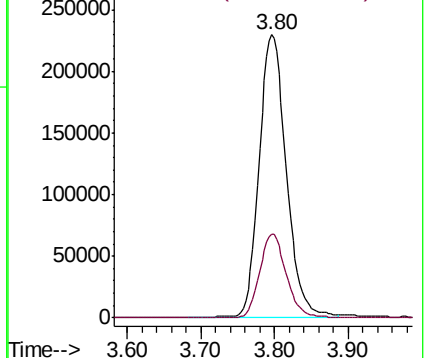
Ion Ratio Lower Upper

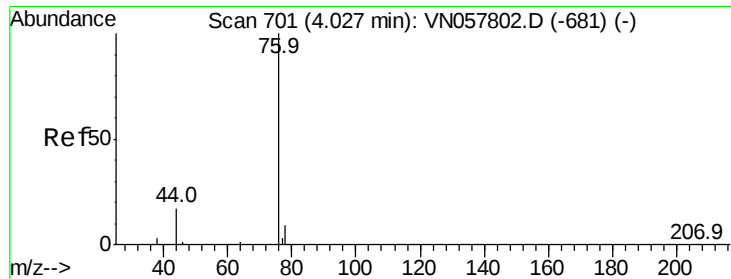
43 100

58 29.3 22.2 33.2



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

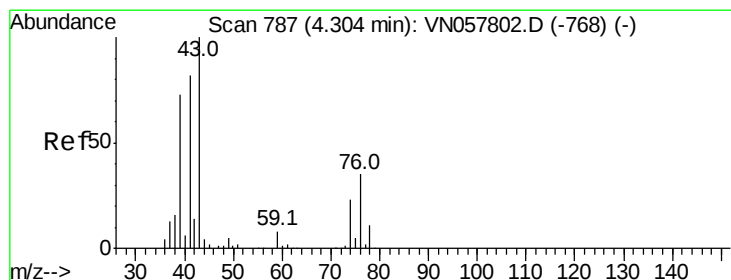
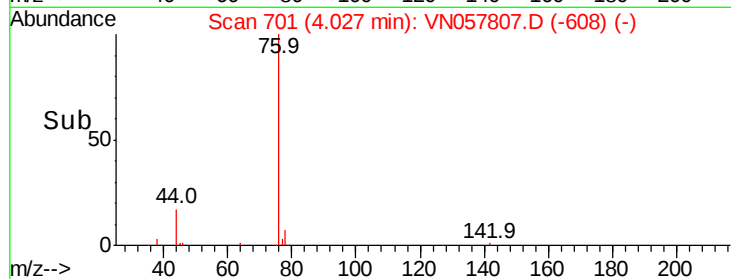
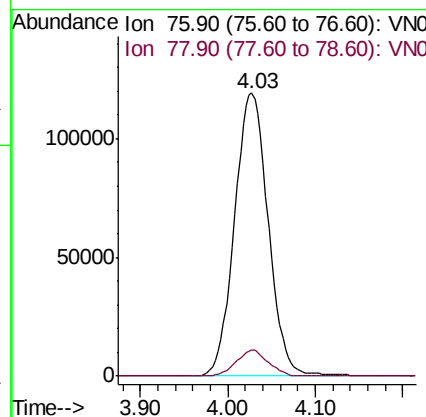
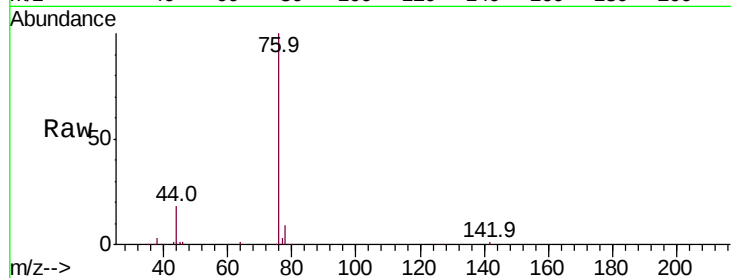




#17
Carbon Disulfide
Concen: 47.188 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

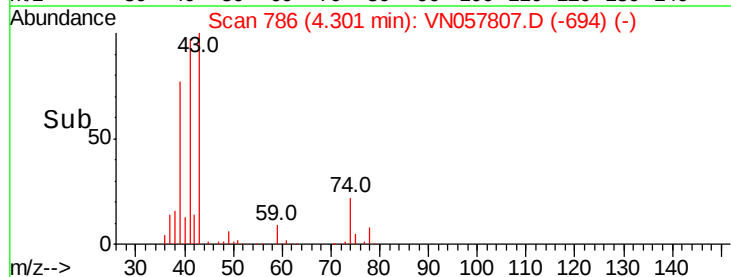
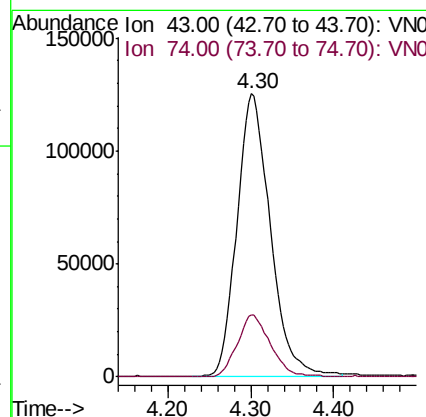
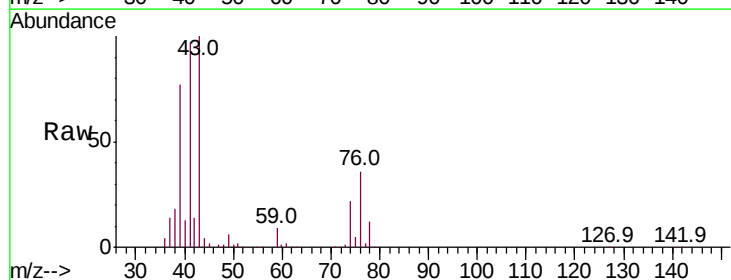
Instrument :
MSVOA_N
ClientSampled :

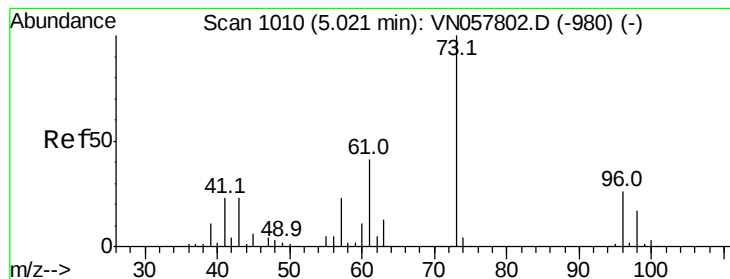
Tot Ion: 76 Resp: 318254
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 48.671 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion: 43 Resp: 350715
Ion Ratio Lower Upper
43 100
74 21.7 17.9 26.9



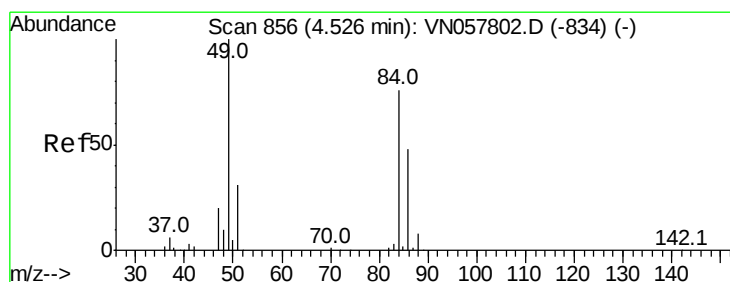
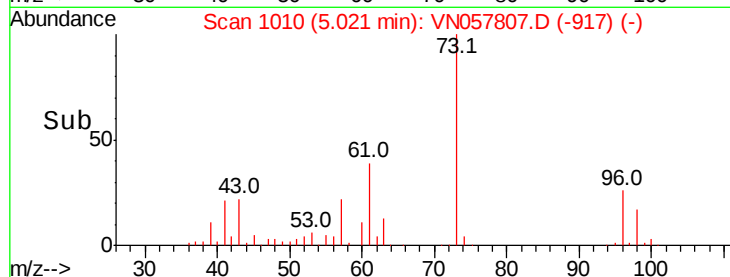
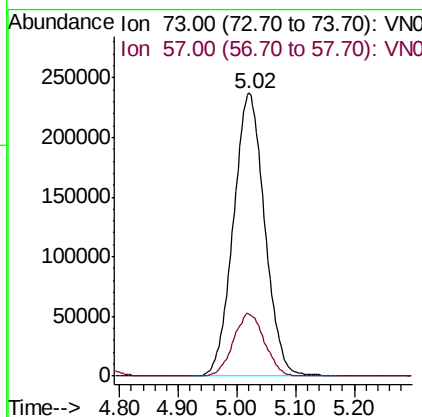
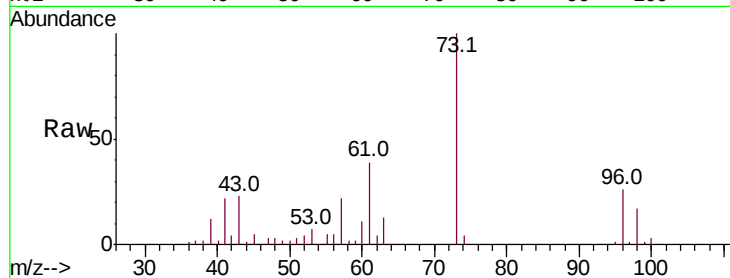


#19

Methyl tert-butyl Ether
 Concen: 48.745 ug/l
 RT: 5.02 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Instrument :
 MSVOA_N
 ClientSampled :

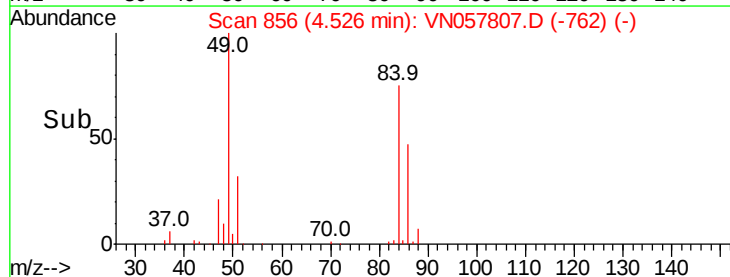
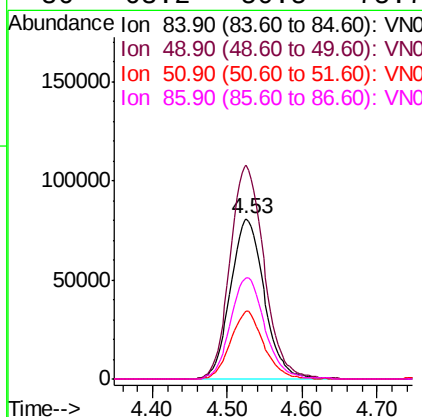
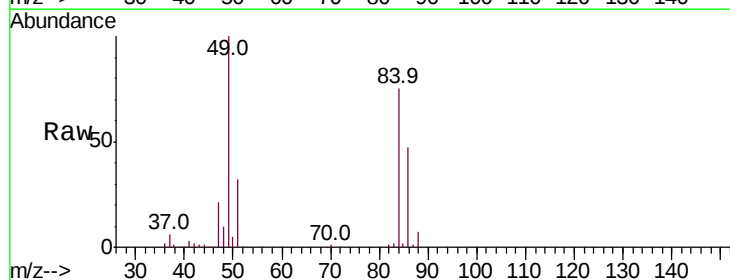
Tot Ion: 73 Resp: 879223
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.2 27.2

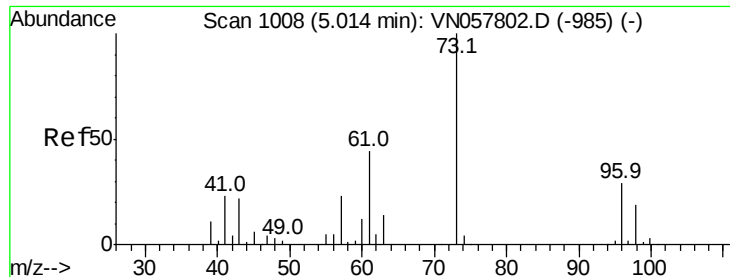


#20

Methylene Chloride
 Concen: 49.360 ug/l
 RT: 4.53 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion: 84 Resp: 254037
 Ion Ratio Lower Upper
 84 100
 49 133.2 104.8 157.2
 51 42.5 33.0 49.4
 86 63.2 50.5 75.7

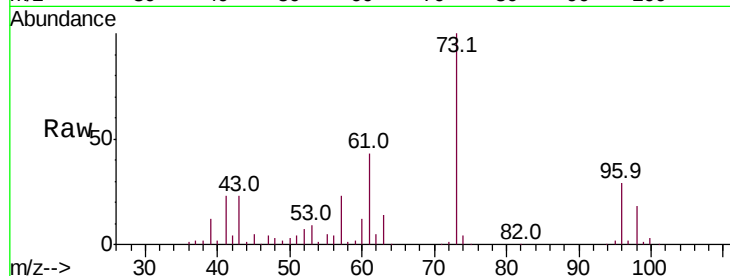




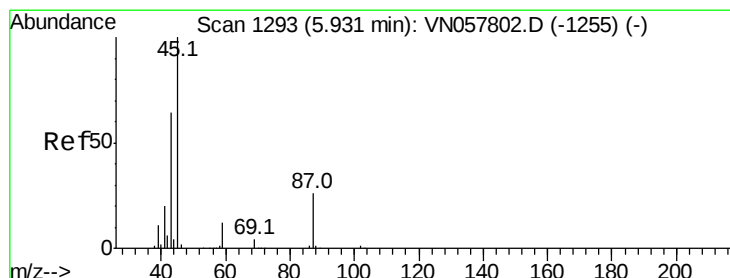
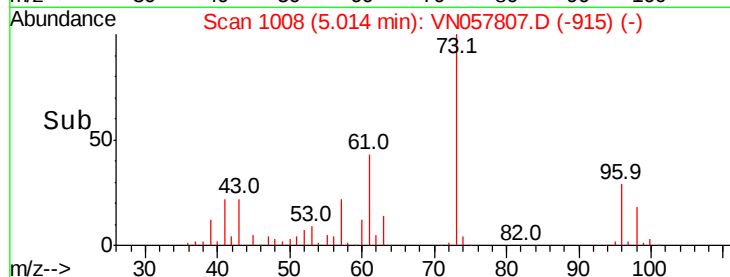
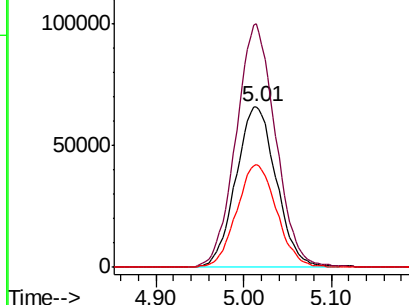
#21
trans-1,2-Dichloroethene
Concen: 45.047 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 211057
Ion Ratio Lower Upper
96 100
61 151.3 121.9 182.9
98 64.3 52.2 78.4

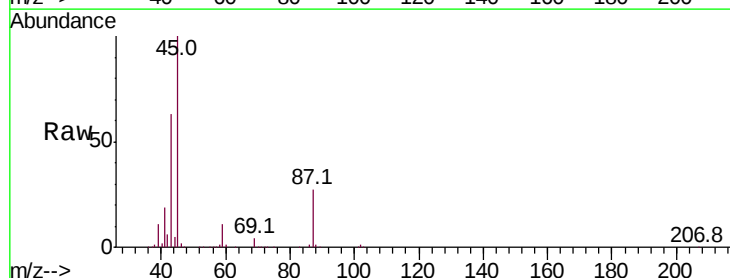


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

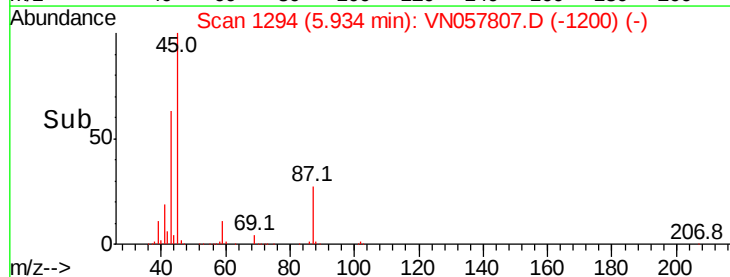
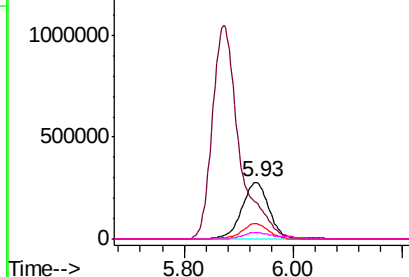


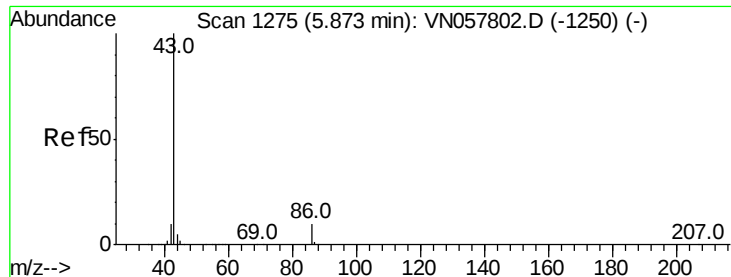
#22
Diisopropyl ether
Concen: 48.461 ug/l
RT: 5.93 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion: 45 Resp: 963937
Ion Ratio Lower Upper
45 100
43 62.0 51.4 77.2
87 26.7 21.3 31.9
59 11.2 9.3 13.9



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

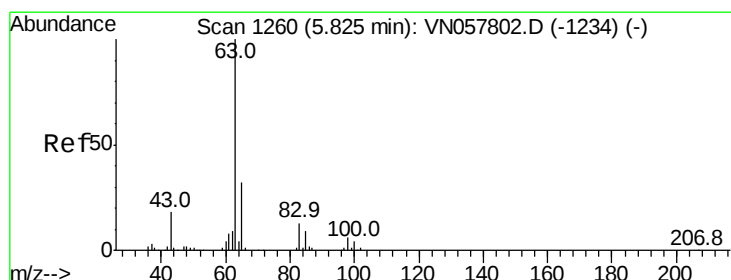
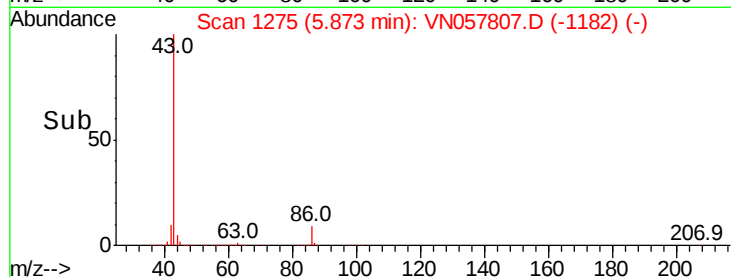
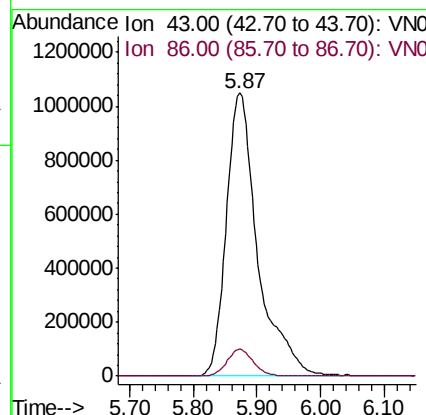
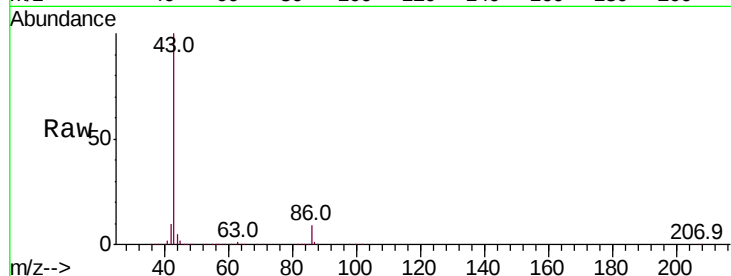




#23
 Vinyl Acetate
 Concen: 255.281 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

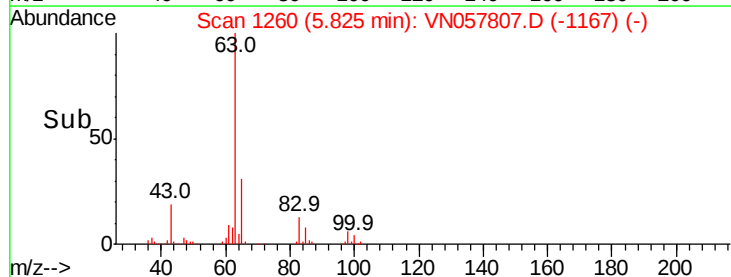
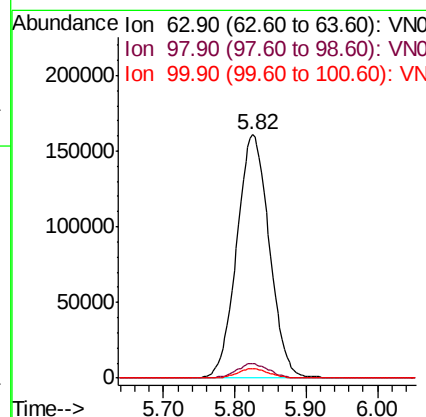
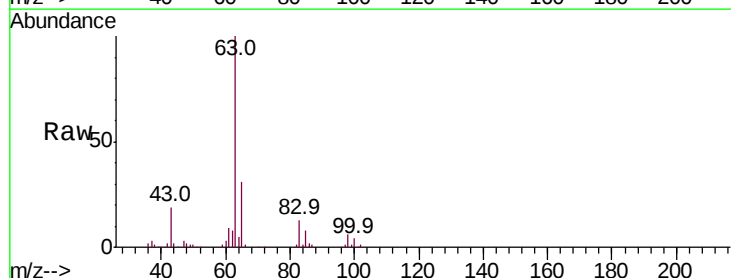
Instrument :
 MSVOA_N
 ClientSampled :

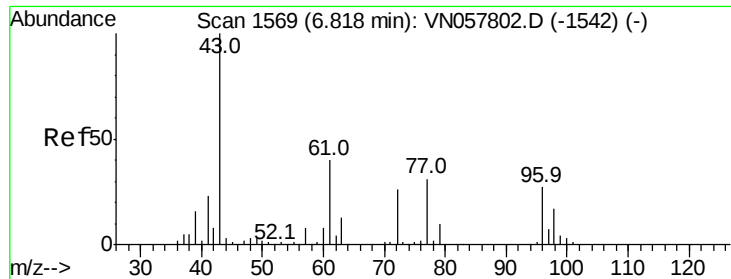
Tot Ion: 43 Resp: 3598660
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 47.033 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion: 63 Resp: 511295
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.2
 100 3.9 2.0 5.8

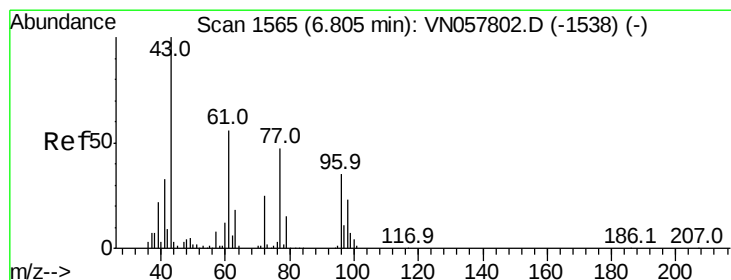
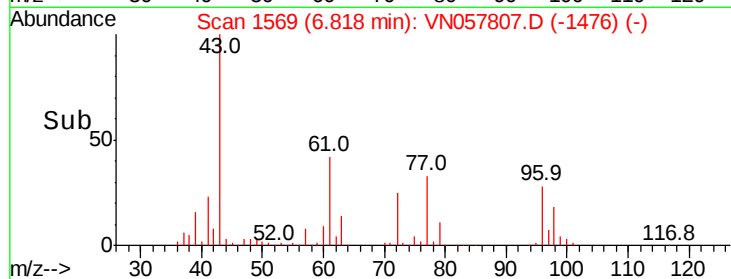
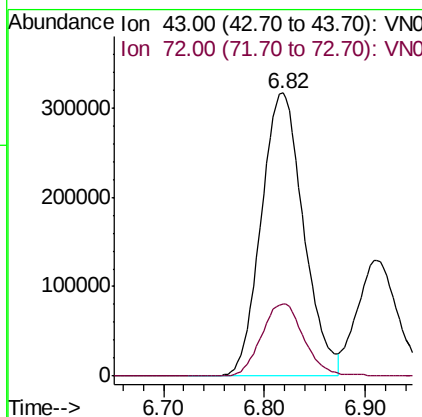
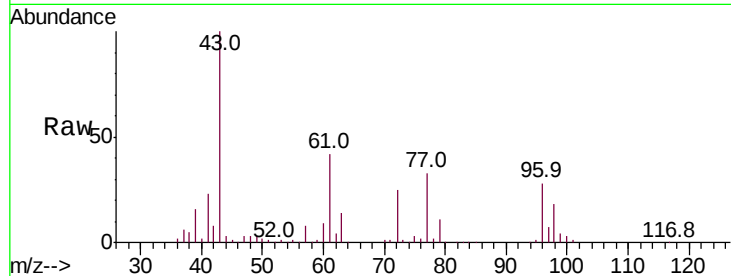




#25
2-Butanone
Concen: 235.588 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

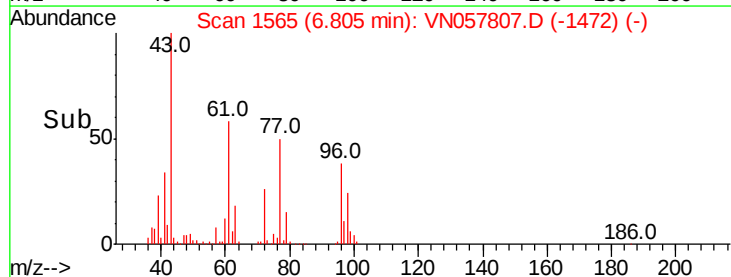
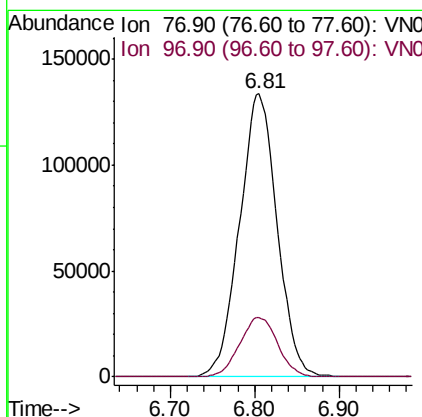
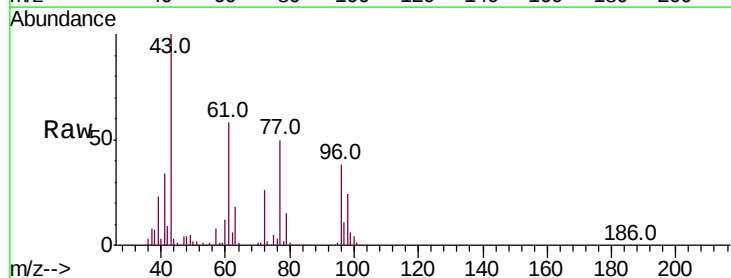
Instrument :
MSVOA_N
ClientSampled :

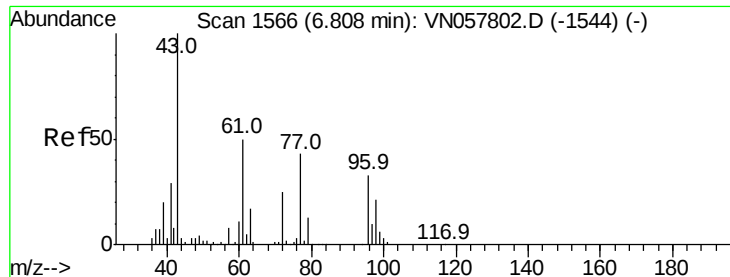
Tot Ion: 43 Resp: 921523
Ion Ratio Lower Upper
43 100
72 25.5 20.6 30.8



#26
2,2-Dichloropropane
Concen: 48.044 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion: 77 Resp: 413330
Ion Ratio Lower Upper
77 100
97 21.4 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 46.516 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

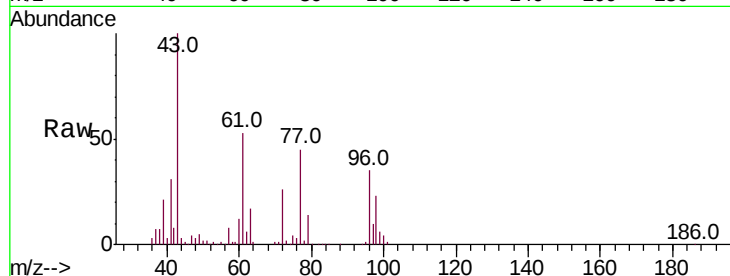
Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 292067

Ion	Ratio	Lower	Upper
96	100		
61	157.1	0.0	314.0
98	63.8	0.0	128.6

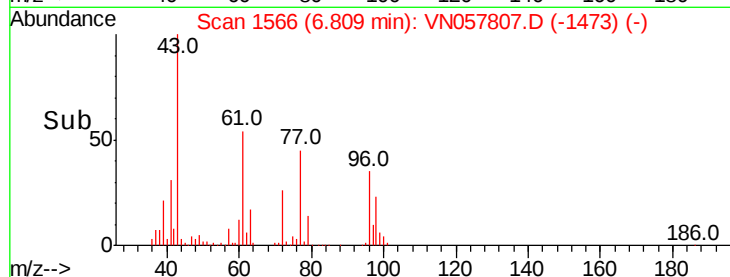


Abundance

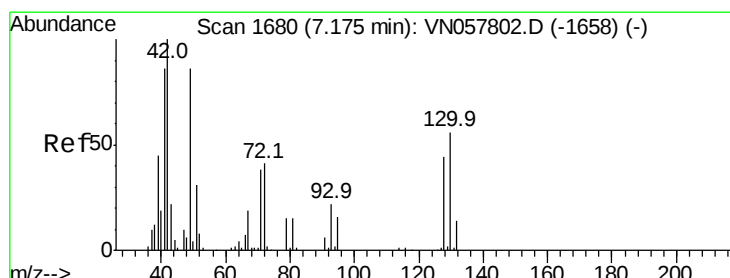
Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



Time-->



#28

Bromochloromethane

Concen: 48.947 ug/l

RT: 7.18 min Scan# 1681

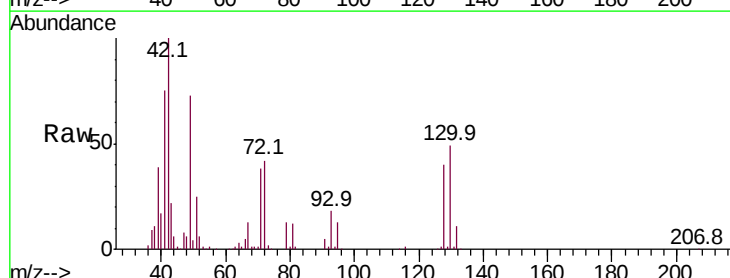
Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Tgt Ion: 49 Resp: 265832

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	68.9	53.0	79.6

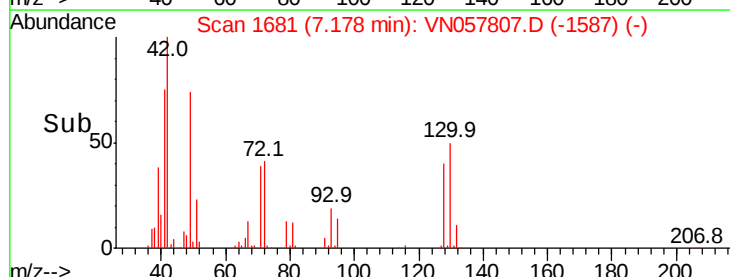


Abundance

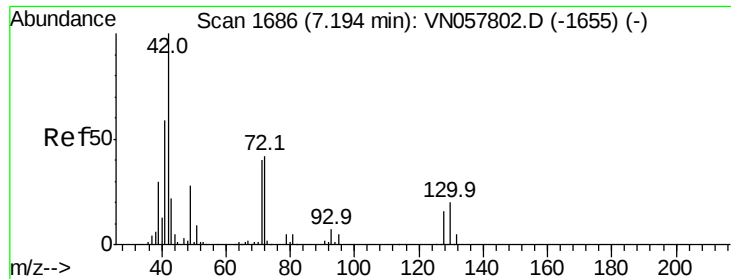
Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



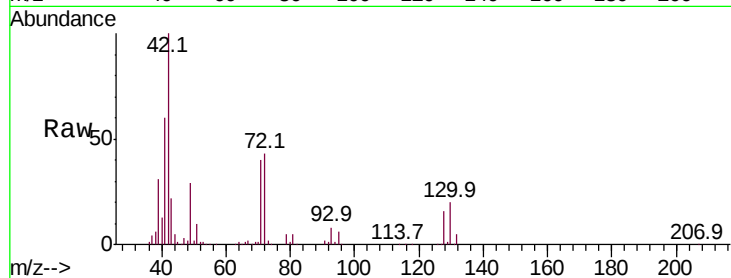
Time-->



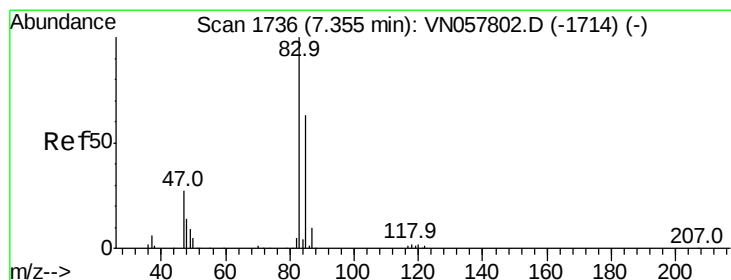
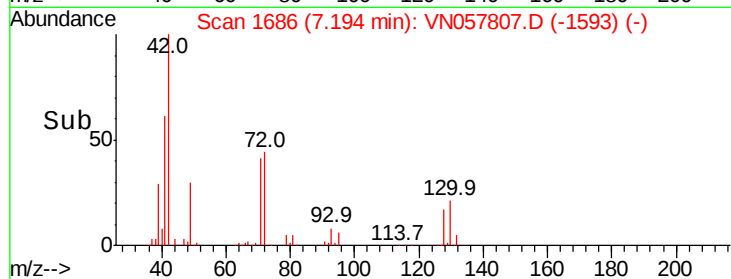
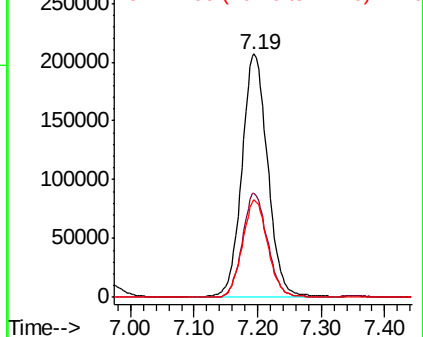
#29
Tetrahydrofuran
Concen: 241.513 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 582127
Ion Ratio Lower Upper
42 100
72 41.7 33.7 50.5
71 39.5 31.9 47.9

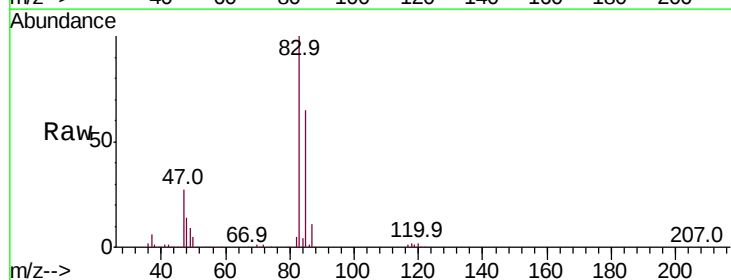


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

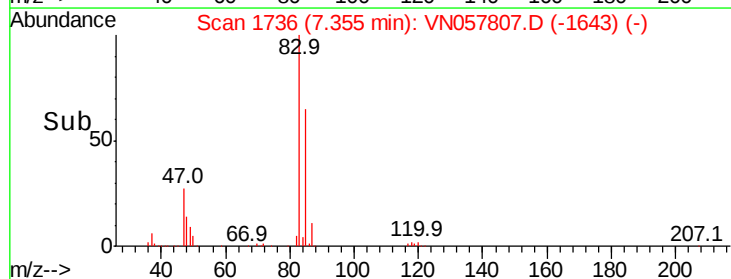
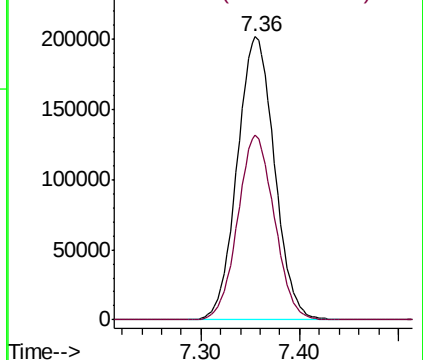


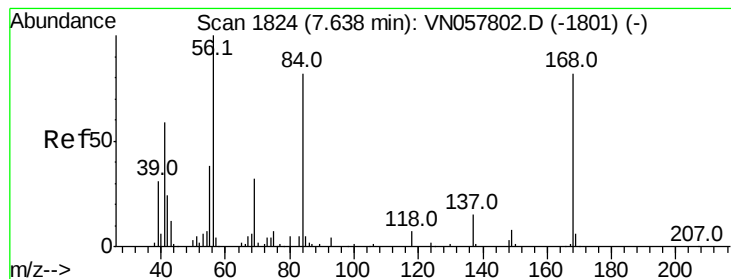
#30
Chloroform
Concen: 46.473 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion: 83 Resp: 528237
Ion Ratio Lower Upper
83 100
85 65.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 49.994 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :
MSVOA_N
ClientSampled :

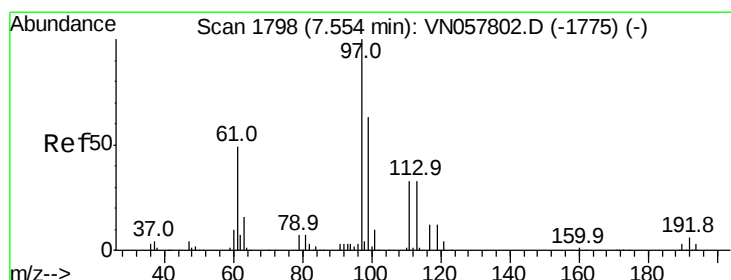
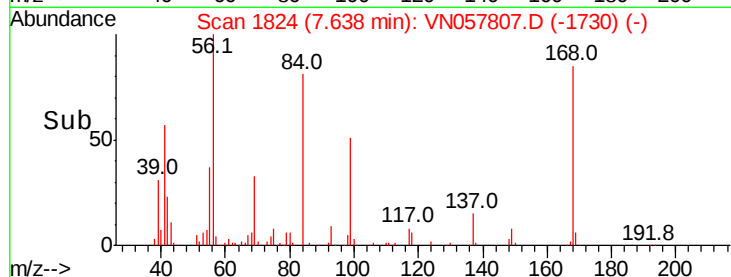
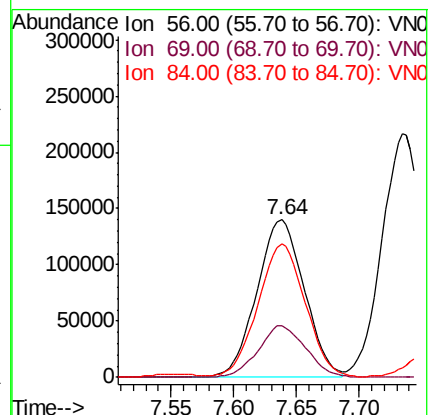
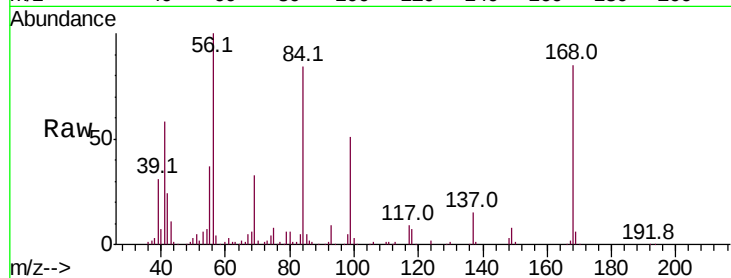
Tot Ion: 56 Resp: 370366

Ion Ratio Lower Upper

56 100

69 32.6 25.9 38.9

84 82.8 65.6 98.4



#32

1,1,1-Trichloroethane

Concen: 48.168 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

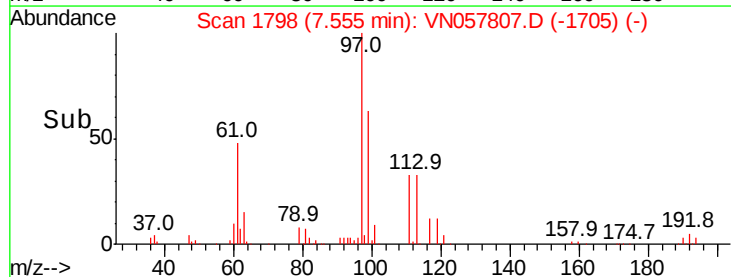
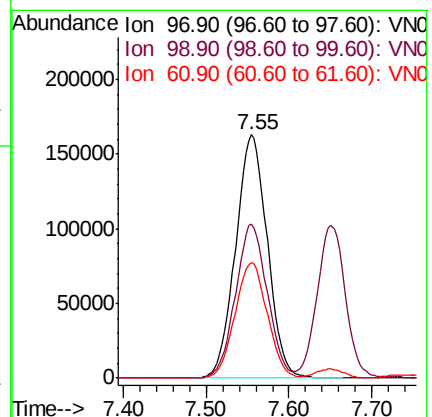
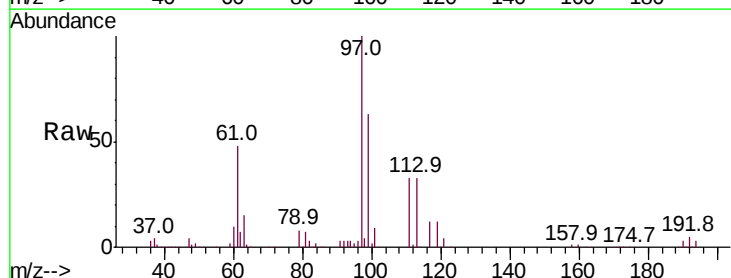
Tgt Ion: 97 Resp: 434228

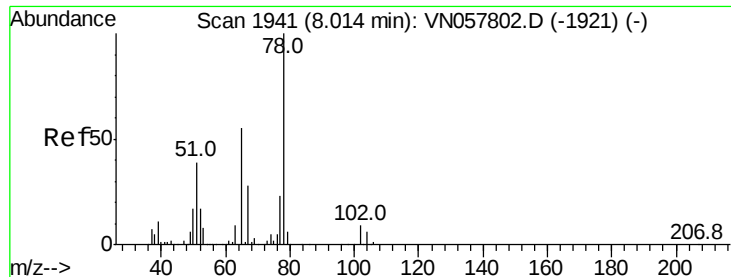
Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

61 48.3 39.0 58.6

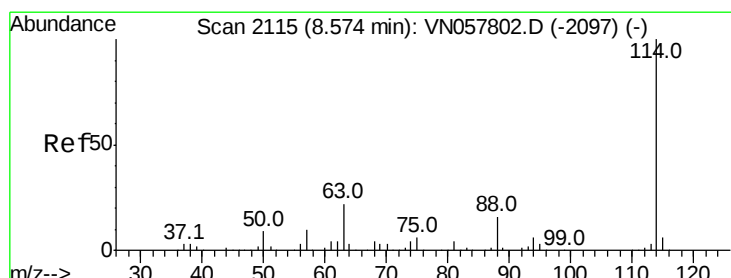
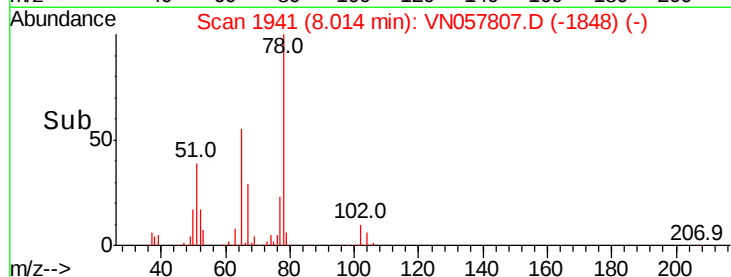
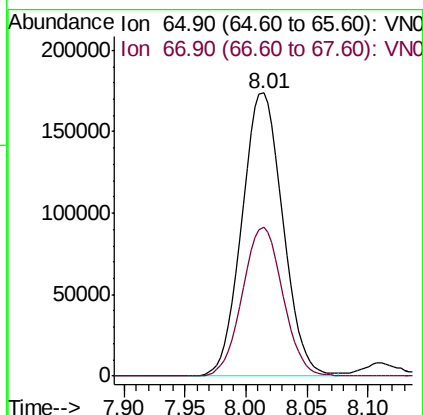
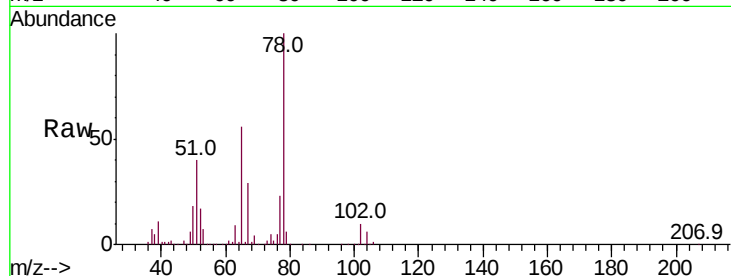




#33
 1,2-Dichloroethane-d4
 Concen: 48.946 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

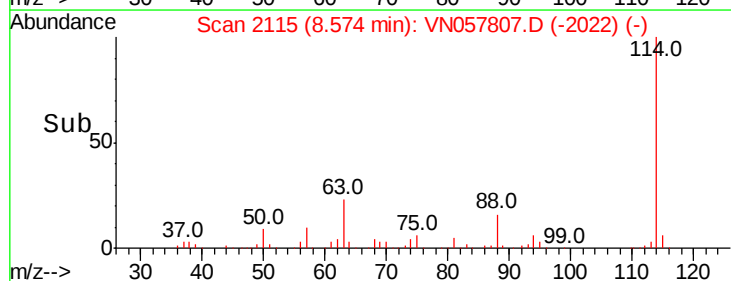
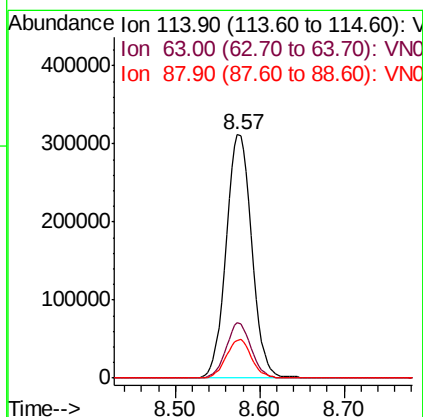
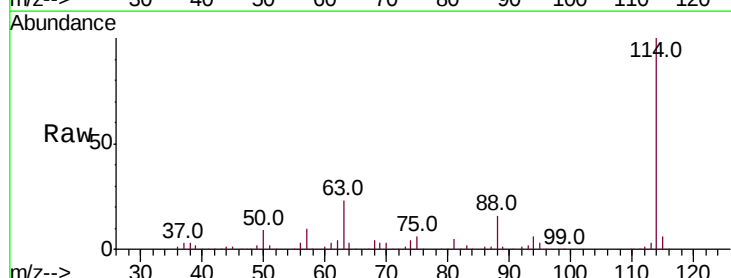
Instrument :
 MSVOA_N
 ClientSampleId :

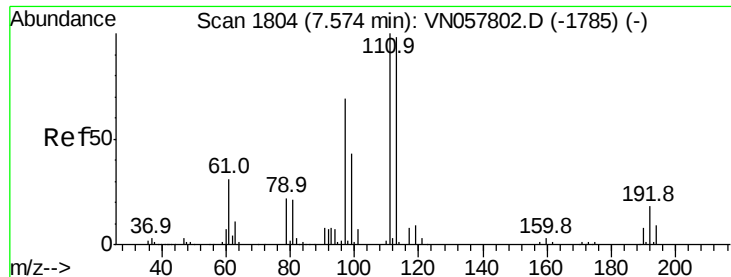
Tot Ion: 65 Resp: 403516
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion: 114 Resp: 658870
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.0
 88 15.7 0.0 31.4

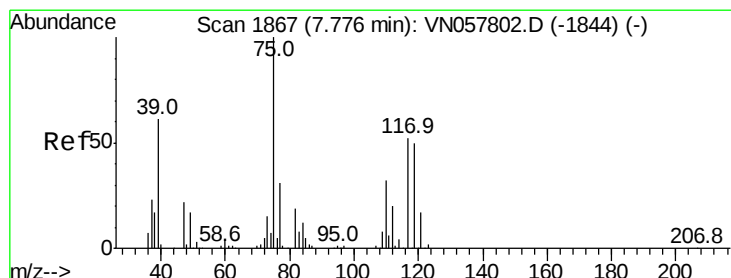
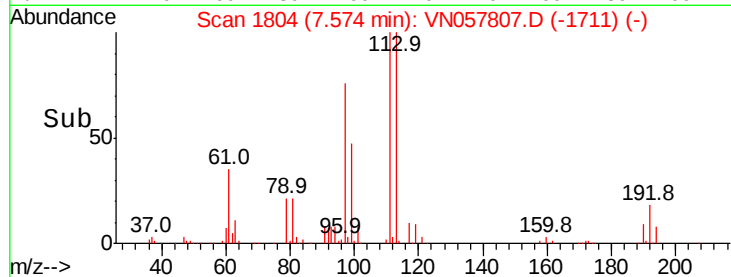
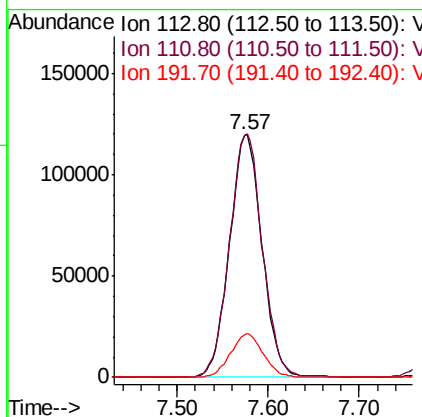
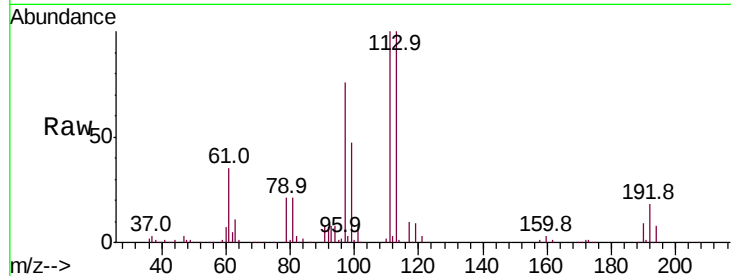




#35
 Dibromofluoromethane
 Concen: 48.855 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

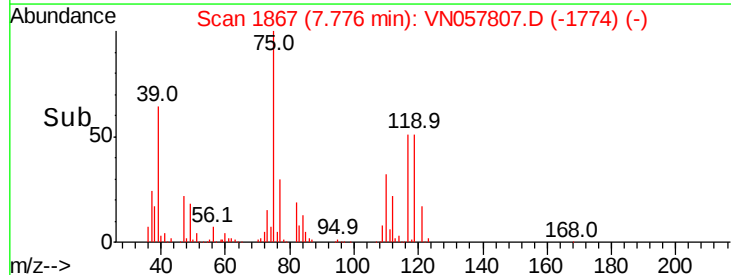
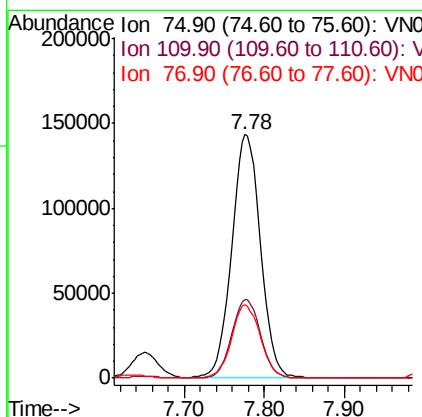
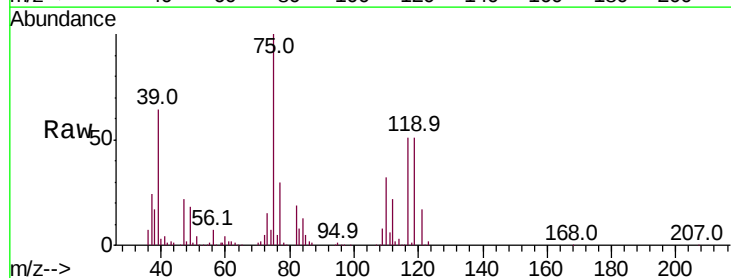
Instrument :
 MSVOA_N
 ClientSampleId :

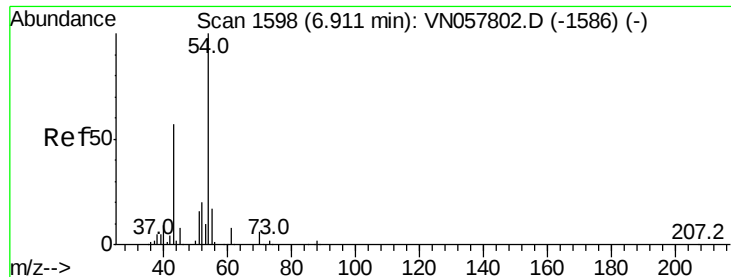
Tot Ion:113 Resp: 297092
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.3 121.9
 192 18.0 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 45.340 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion: 75 Resp: 346449
 Ion Ratio Lower Upper
 75 100
 110 32.3 16.3 48.9
 77 30.6 25.0 37.4

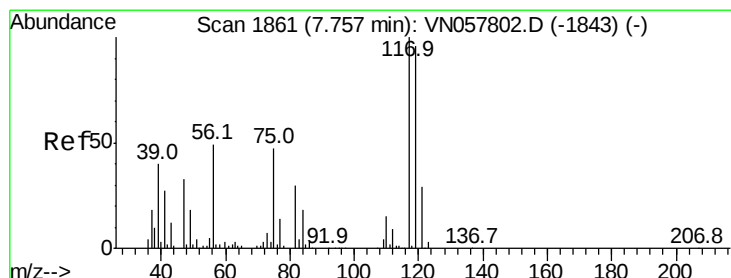
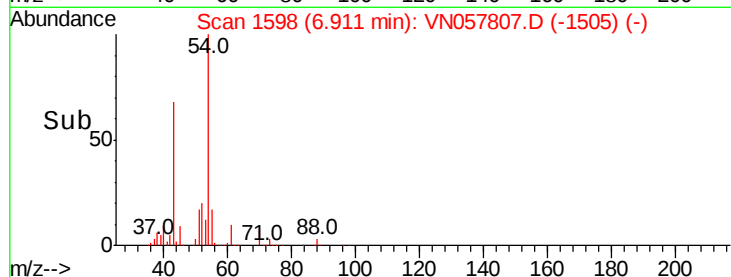
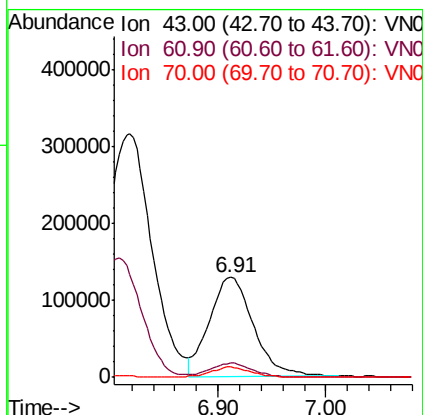
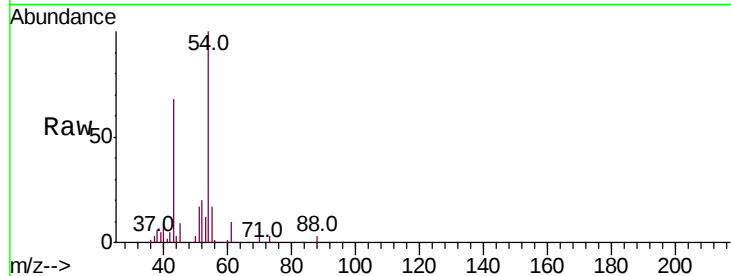




#37
Ethyl Acetate
Concen: 46.360 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

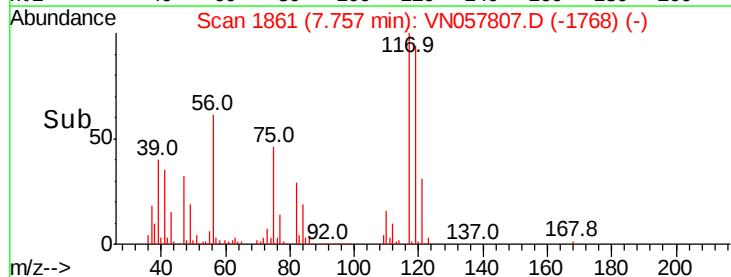
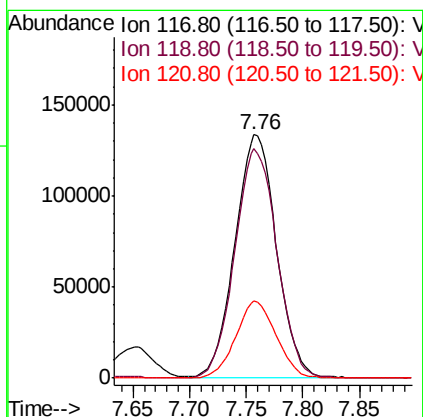
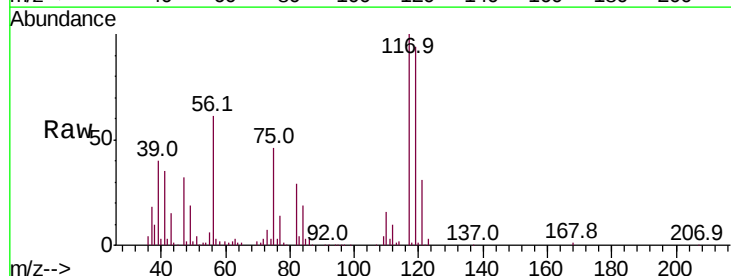
Instrument :
MSVOA_N
ClientSampled :

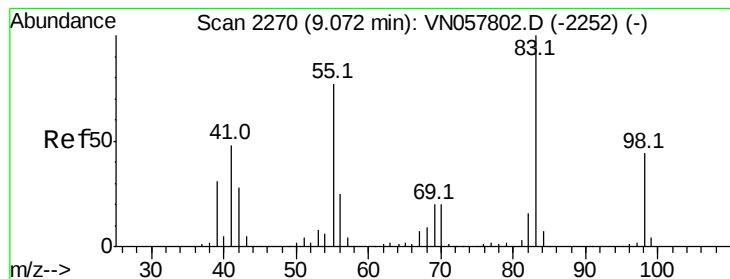
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	9.5	7.4	11.0



#38
Carbon Tetrachloride
Concen: 48.703 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.9	115.3
121	31.6	23.4	35.2





#39

Methvlcvclohexane

Concen: 46.040 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :
MSVOA_N
ClientSampled :

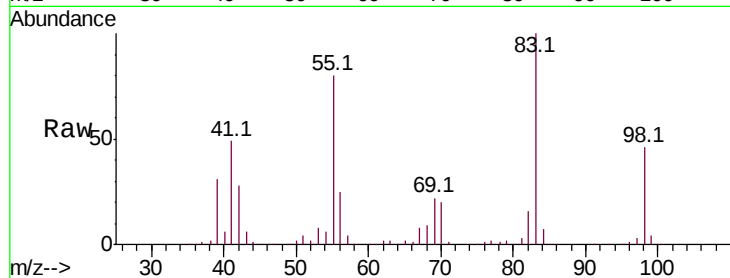
Tot Ion: 83 Resp: 369819

Ion Ratio Lower Upper

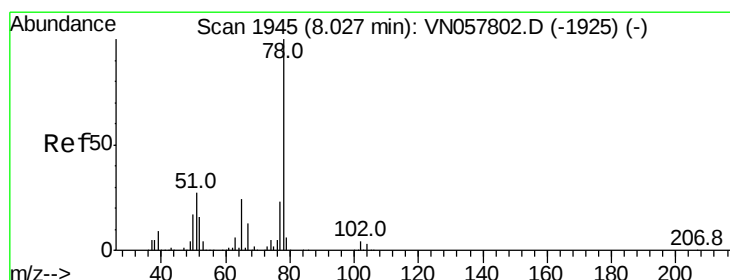
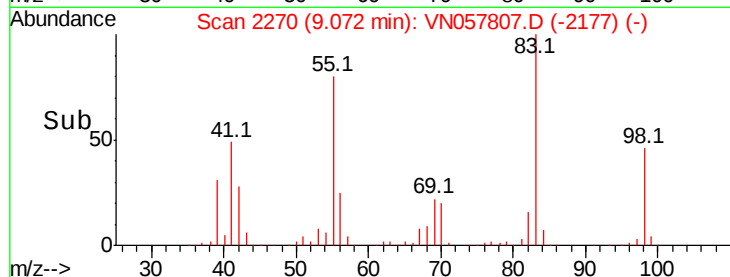
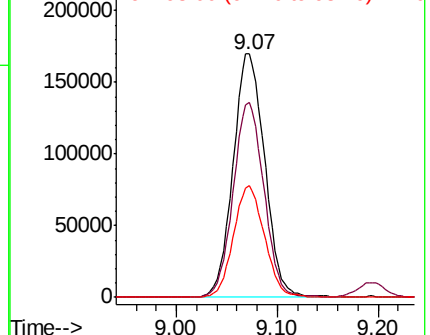
83 100

55 80.1 61.6 92.4

98 45.7 34.9 52.3



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 46.968 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN057807.D

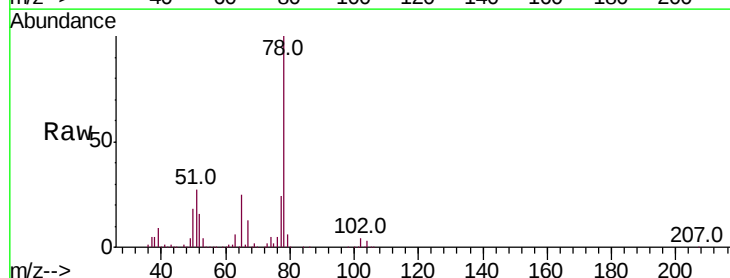
Acq: 9 Sep 2019 17:38

Tgt Ion: 78 Resp: 1080501

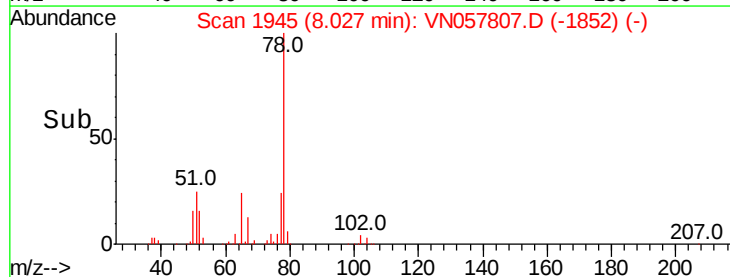
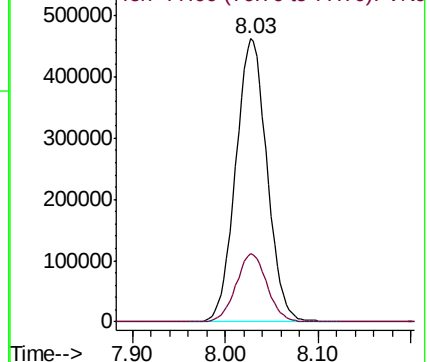
Ion Ratio Lower Upper

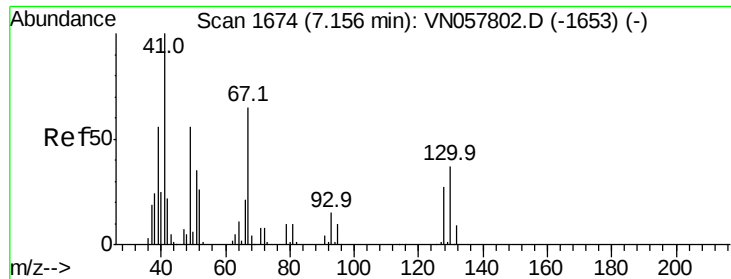
78 100

77 24.0 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

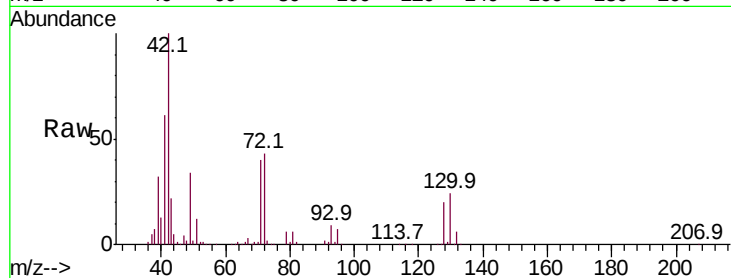




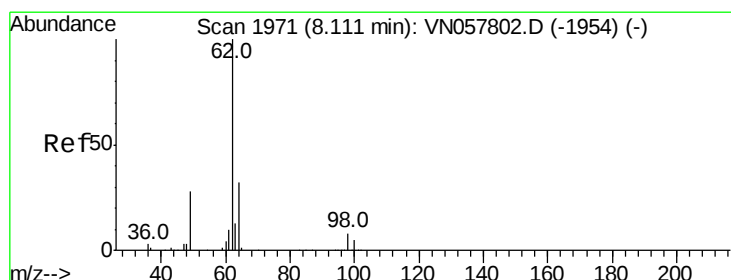
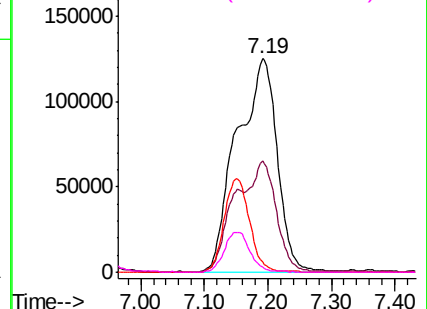
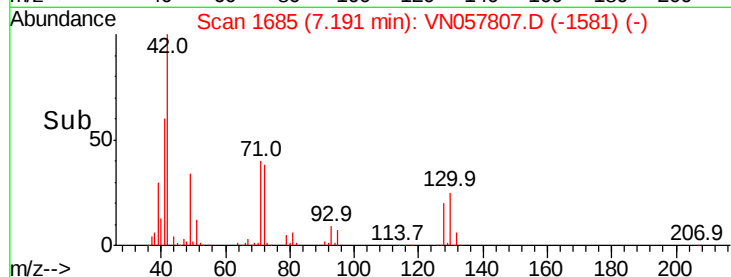
#41
Methacrylonitrile
Concen: 153.038 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.04 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 548437
Ion Ratio Lower Upper
41 100
39 0.0 51.0 76.6#
67 0.0 70.7 106.1#
52 0.0 30.8 46.2#

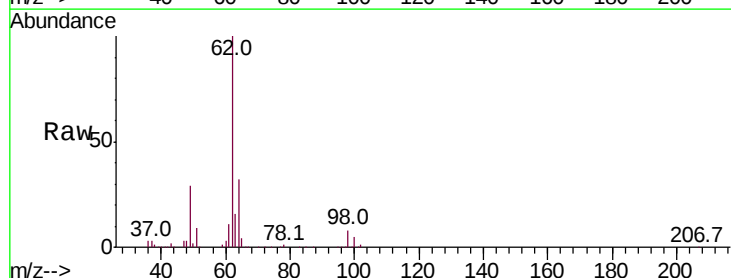


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

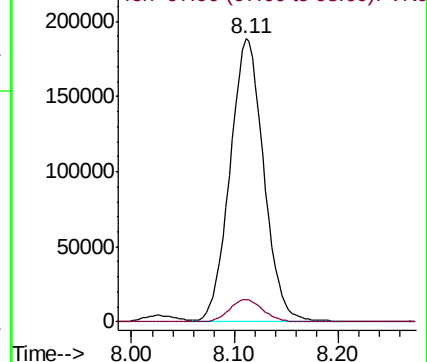
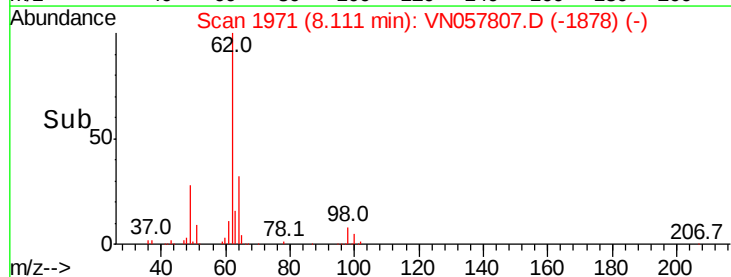


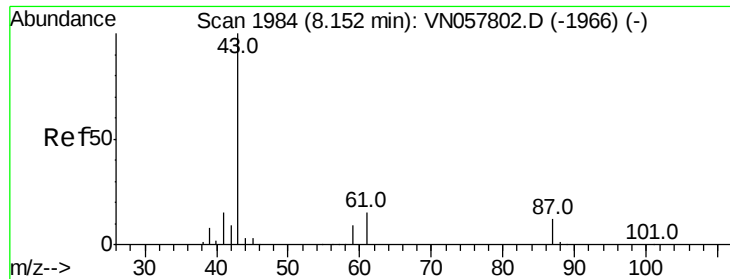
#42
1,2-Dichloroethane
Concen: 46.641 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion: 62 Resp: 429120
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 49.132 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

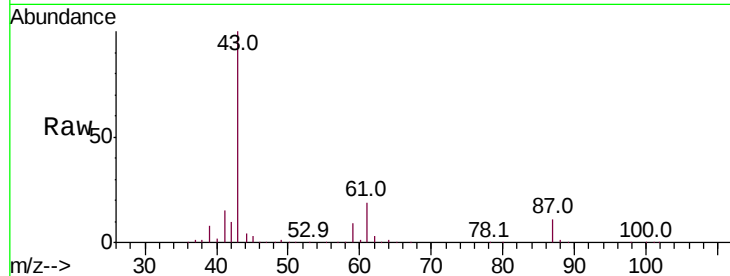
Tot Ion: 43 Resp: 652289

Ion Ratio Lower Upper

43 100

61 18.4 20.1 30.1#

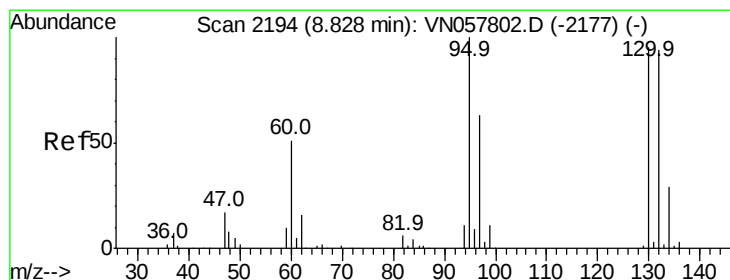
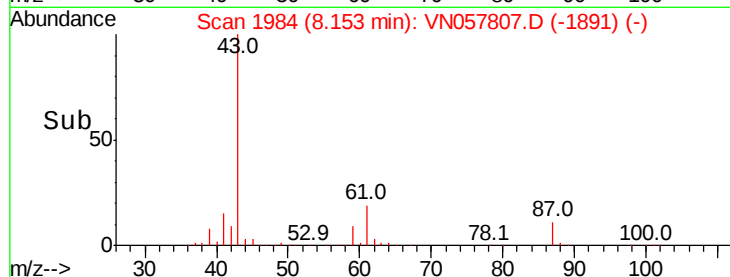
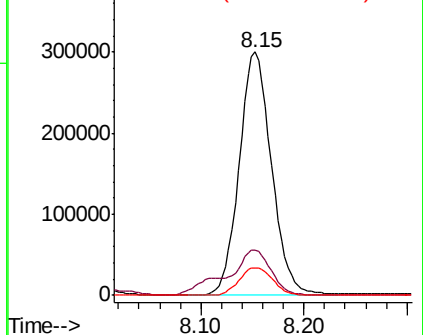
87 11.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#44

Trichloroethene

Concen: 45.925 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057807.D

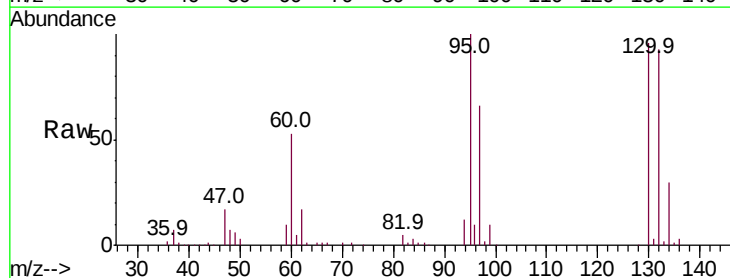
Acq: 9 Sep 2019 17:38

Tgt Ion: 130 Resp: 259129

Ion Ratio Lower Upper

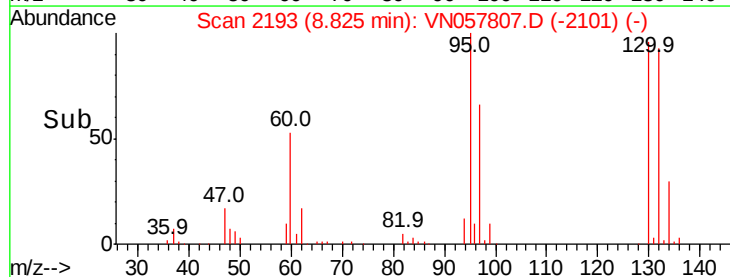
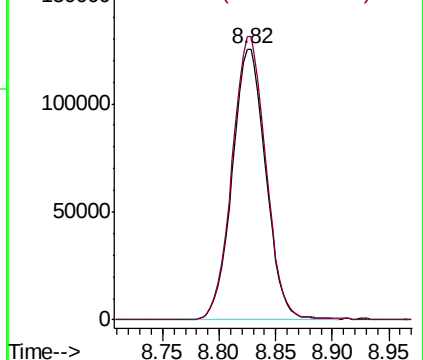
130 100

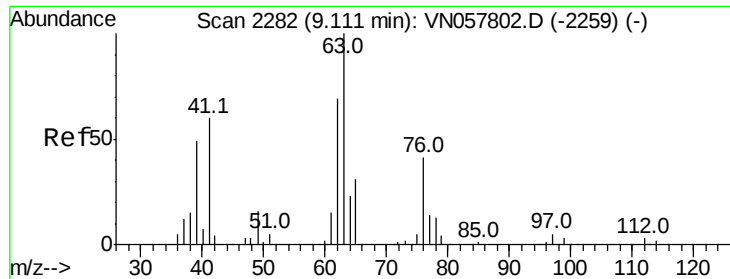
95 104.5 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)

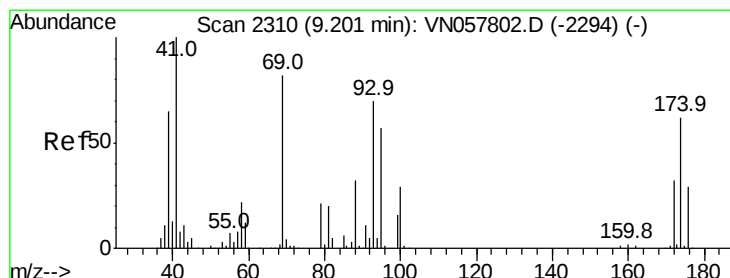
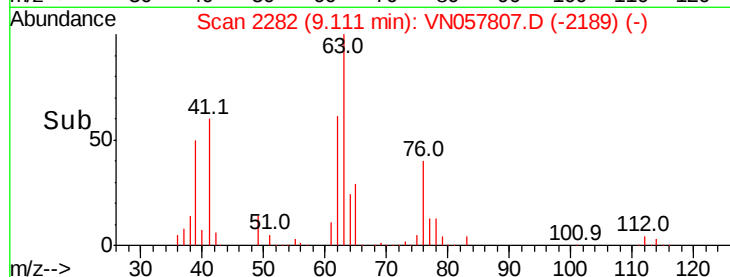
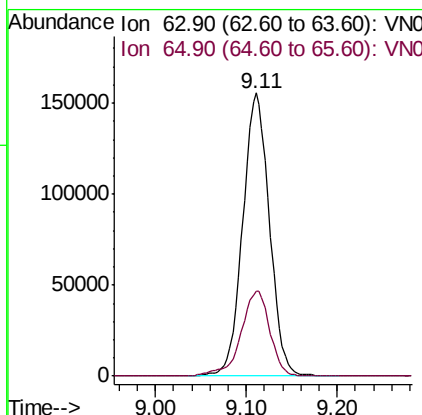
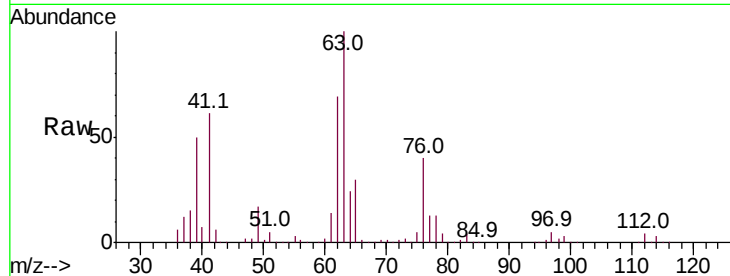




#45
 1,2-Dichloropropane
 Concen: 47.314 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

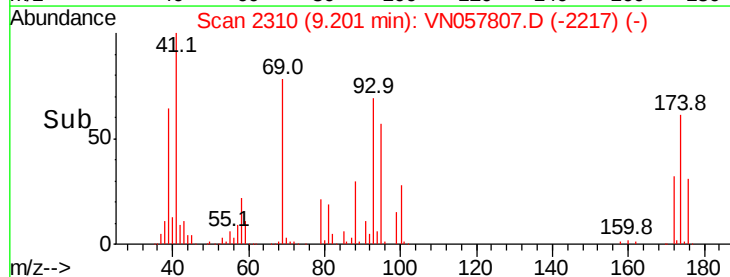
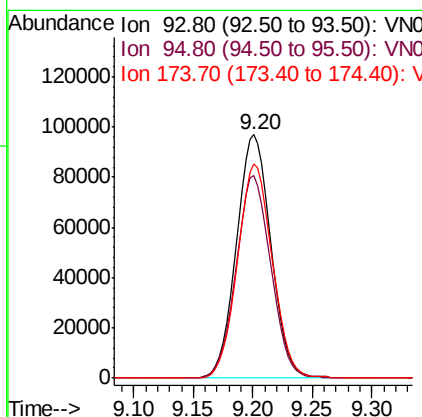
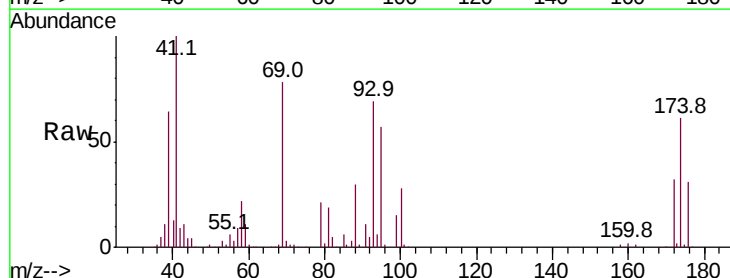
Instrument :
 MSVOA_N
 ClientSampleId :

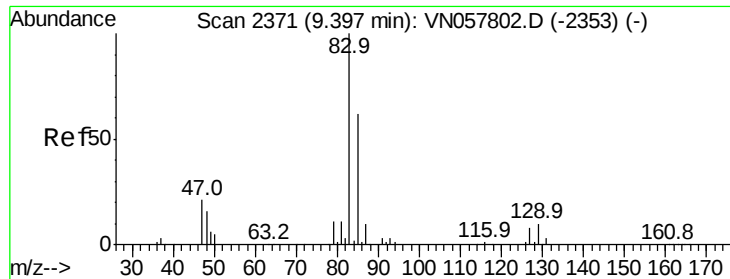
Tot Ion: 63 Resp: 316724
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.8 37.2



#46
 Dibromomethane
 Concen: 48.086 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion: 93 Resp: 194511
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 89.1 71.8 107.6





#47

Bromodichloromethane

Concen: 50.277 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :
MSVOA_N
ClientSampleId :

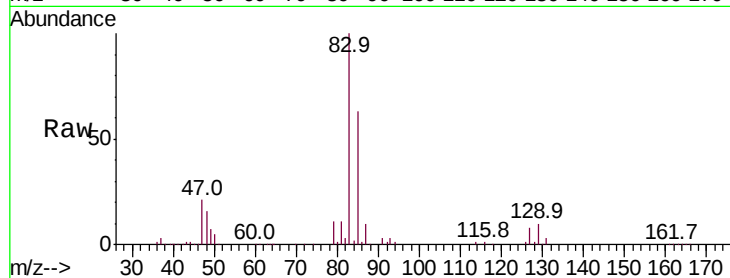
Tot Ion: 83 Resp: 406122

Ion Ratio Lower Upper

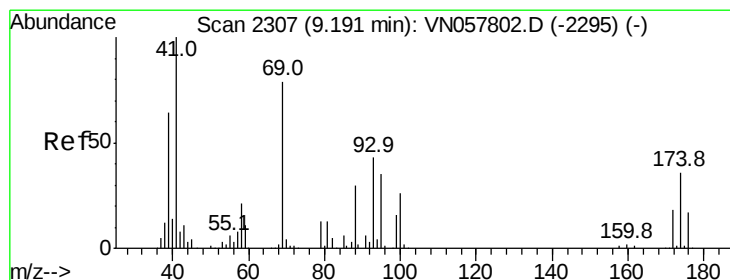
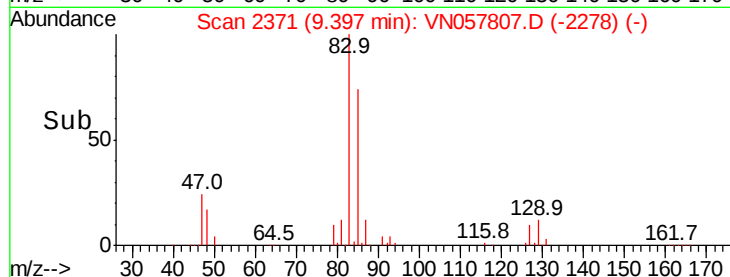
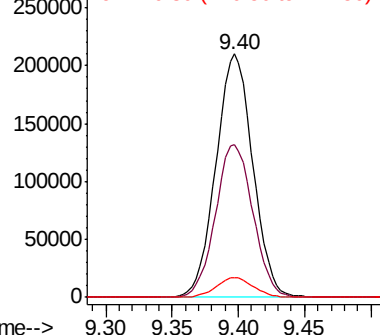
83 100

85 62.5 49.9 74.9

127 8.2 6.5 9.7



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



#48

Methyl methacrylate

Concen: 47.291 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

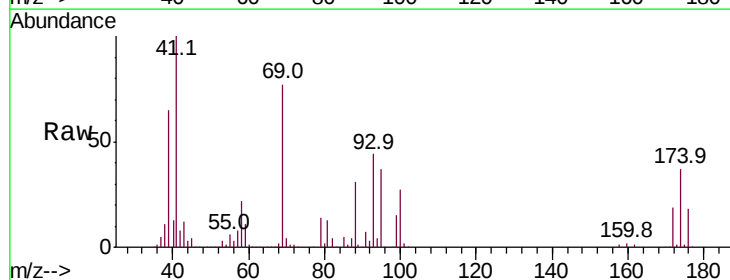
Tgt Ion: 41 Resp: 318486

Ion Ratio Lower Upper

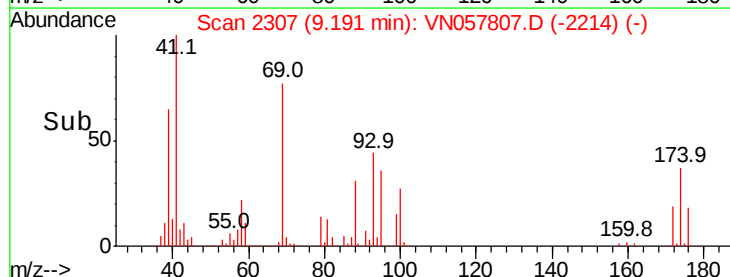
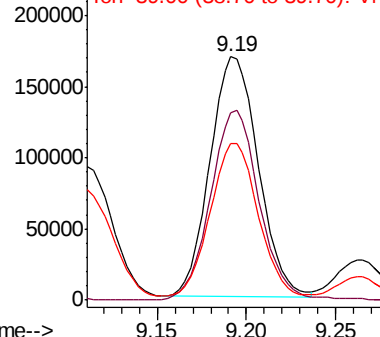
41 100

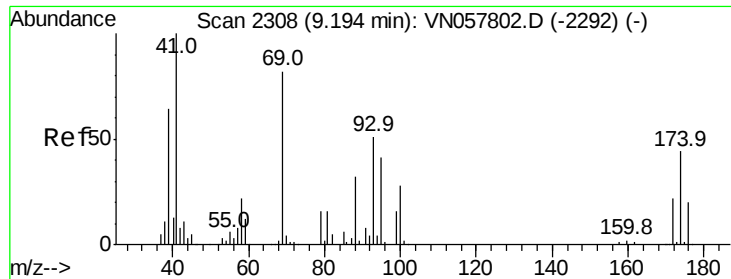
69 80.0 62.7 94.1

39 66.1 52.7 79.1



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

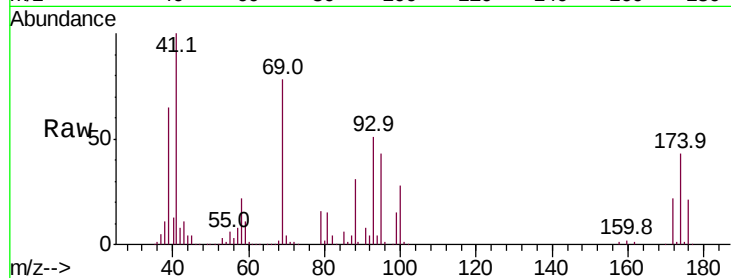




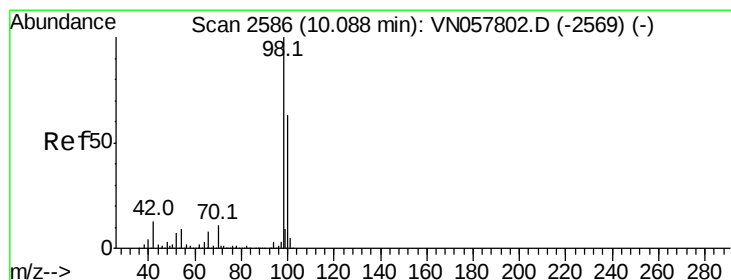
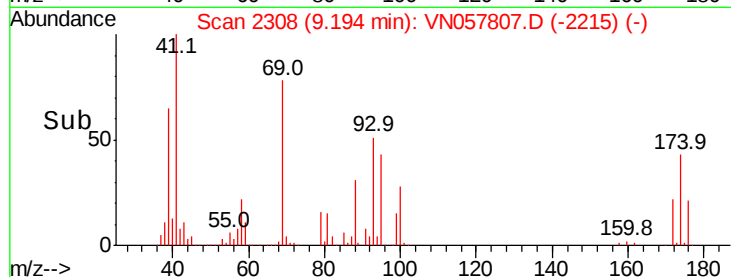
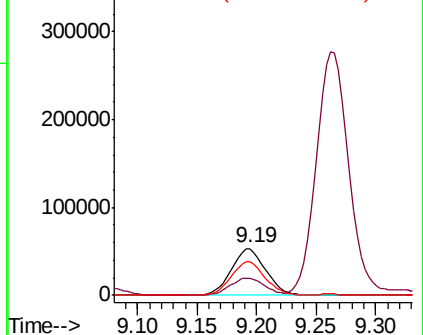
#49
 1,4-Dioxane
 Concen: 945.924 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 107730
 Ion Ratio Lower Upper
 88 100
 43 36.0 28.5 42.7
 58 70.7 55.8 83.6

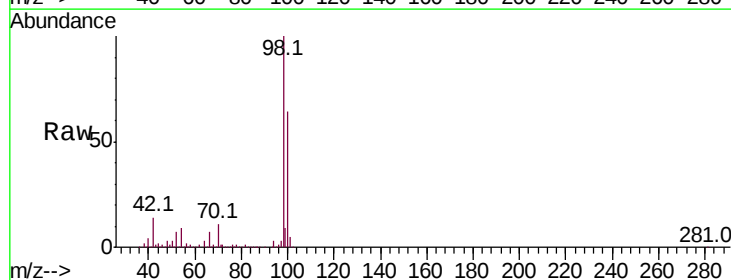


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

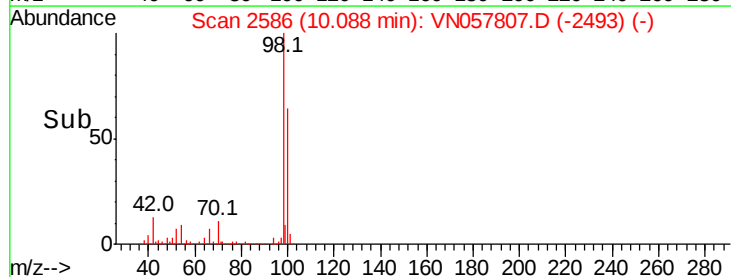
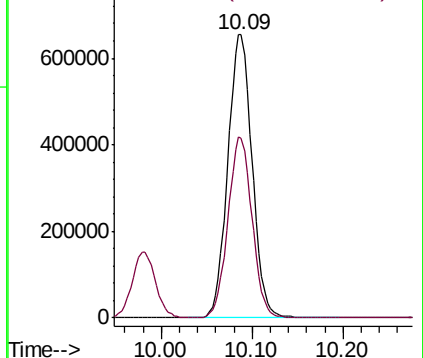


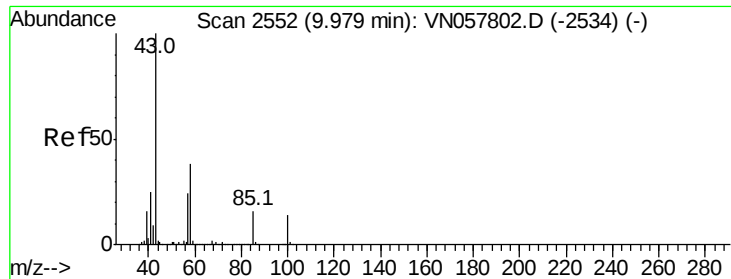
#50
 Toluene-d8
 Concen: 51.402 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion: 98 Resp: 1213601
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.3 75.5



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





#51

4-Methyl-2-Pentanone

Concen: 255.670 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

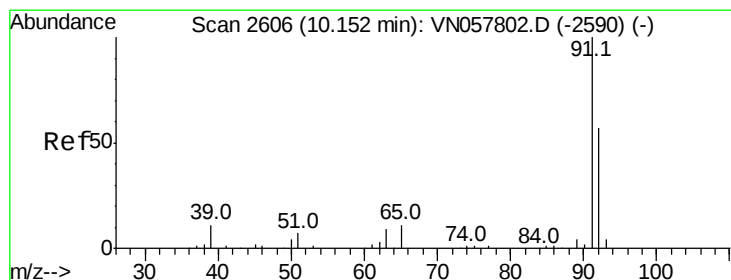
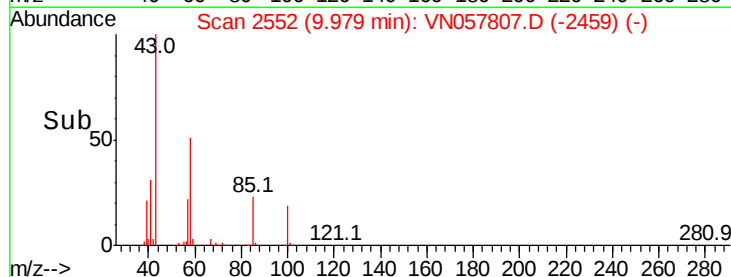
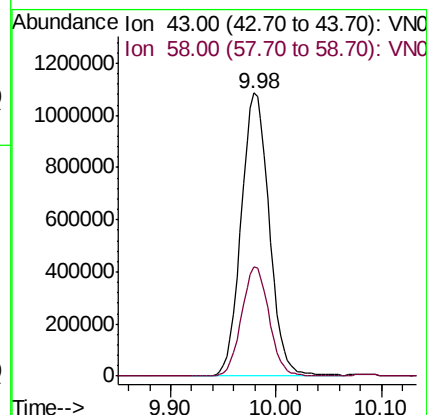
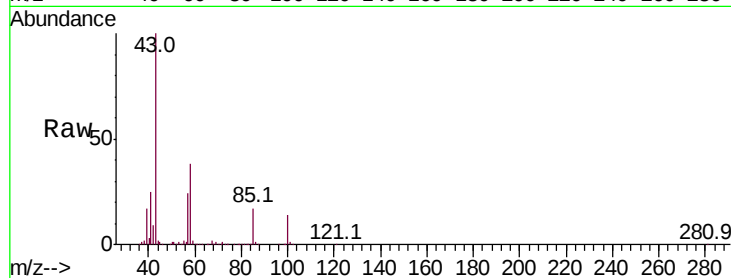
ClientSampled :

Tot Ion: 43 Resp: 2008682

Ion Ratio Lower Upper

43 100

58 37.7 29.8 44.6



#52

Toluene

Concen: 47.684 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057807.D

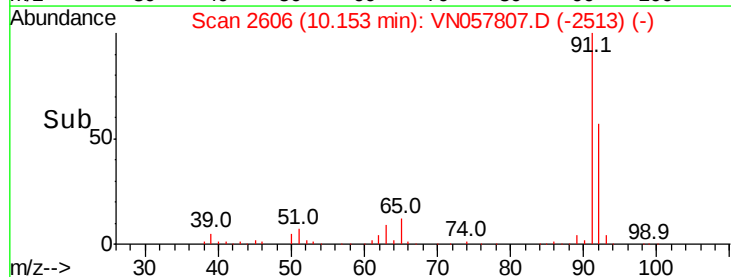
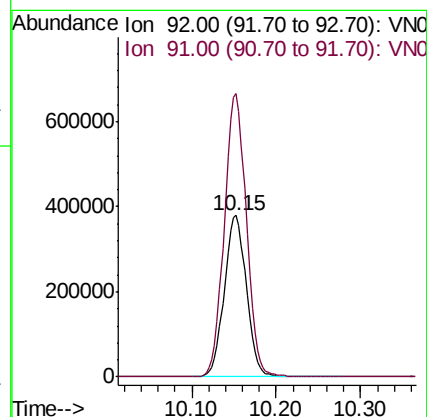
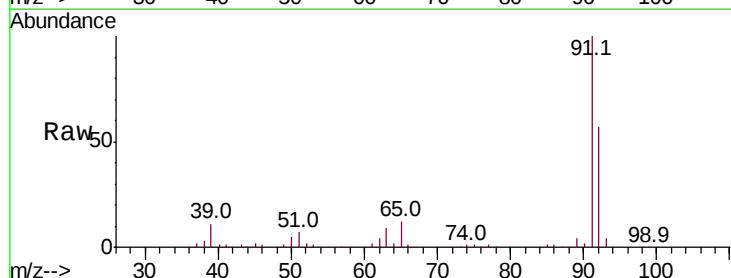
Acq: 9 Sep 2019 17:38

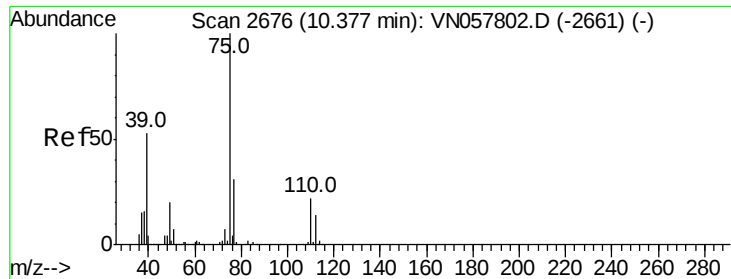
Tgt Ion: 92 Resp: 690907

Ion Ratio Lower Upper

92 100

91 175.5 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 51.877 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

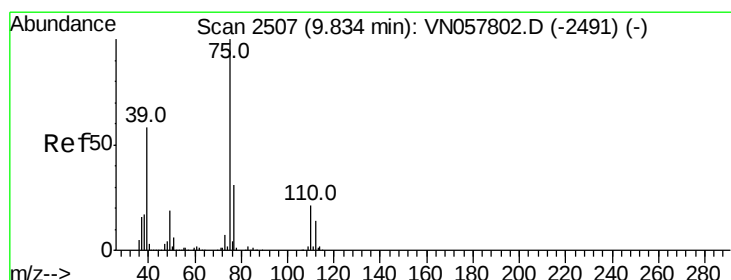
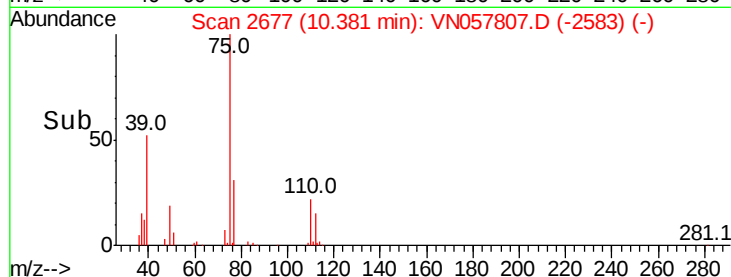
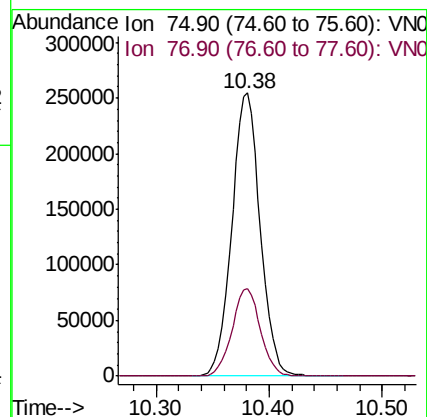
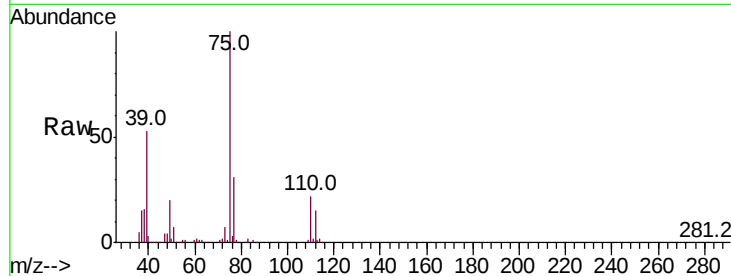
ClientSampled :

Tot Ion: 75 Resp: 441277

Ion Ratio Lower Upper

75 100

77 30.7 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 51.331 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

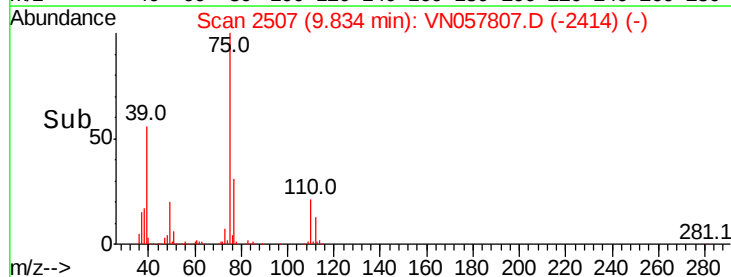
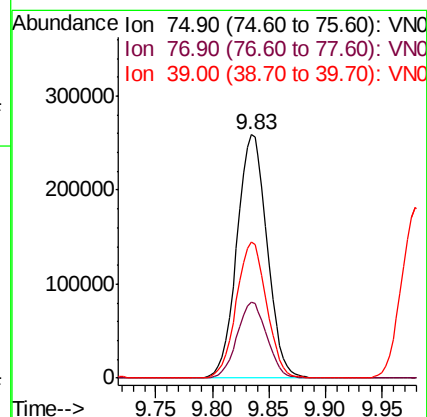
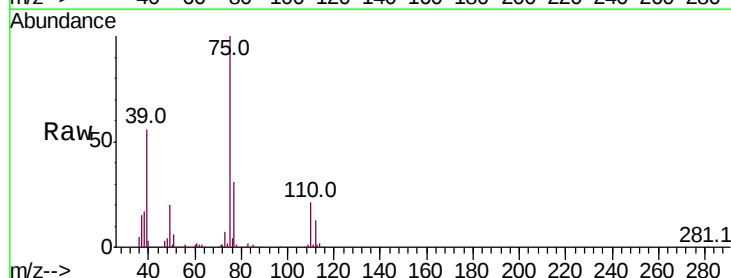
Tgt Ion: 75 Resp: 482069

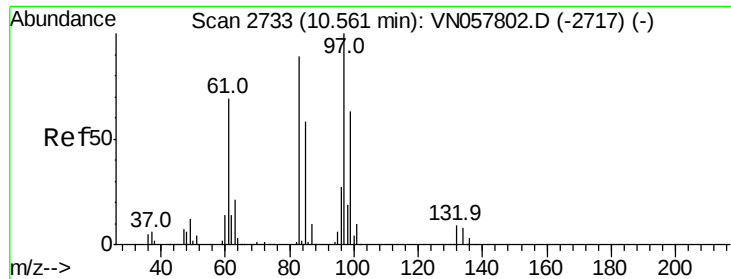
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 55.9 46.2 69.4

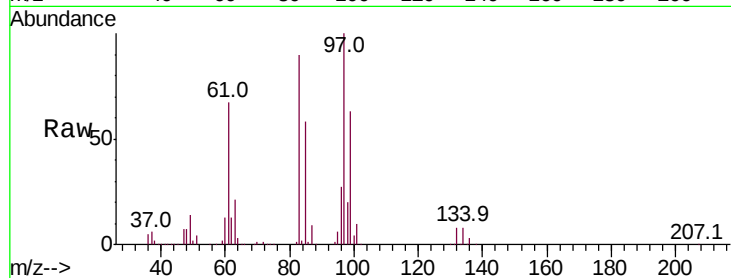




#55
 1,1,2-Trichloroethane
 Concen: 48.576 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	298135
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.8	106.2
85	57.6	46.0	69.0
99	62.6	50.6	76.0



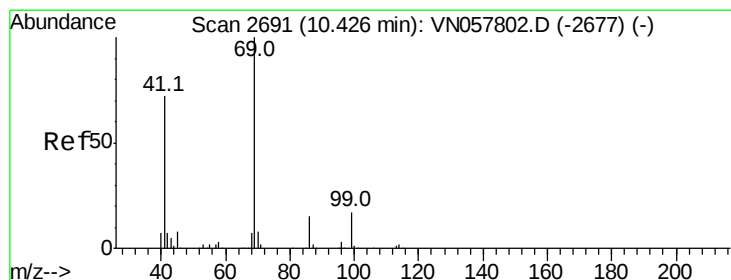
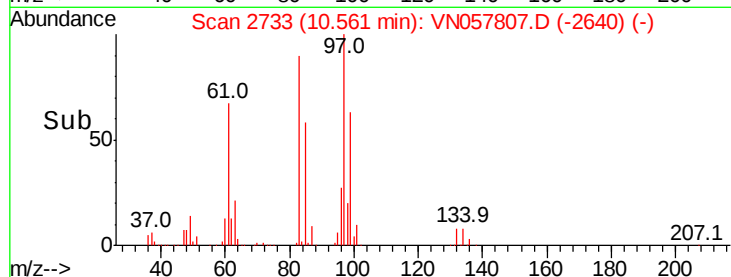
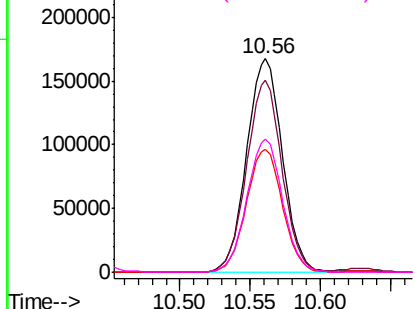
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

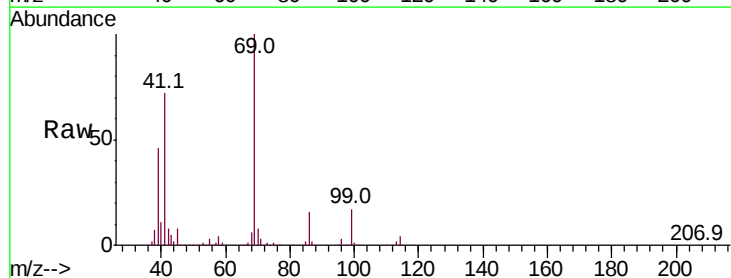
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 50.414 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion:	69	Resp:	465945
Ion	Ratio	Lower	Upper
69	100		
41	70.7	56.7	85.1
39	45.2	36.3	54.5

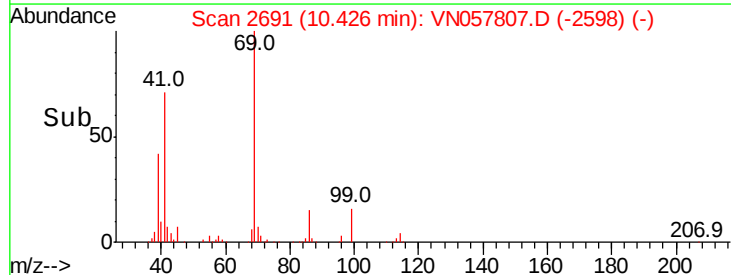
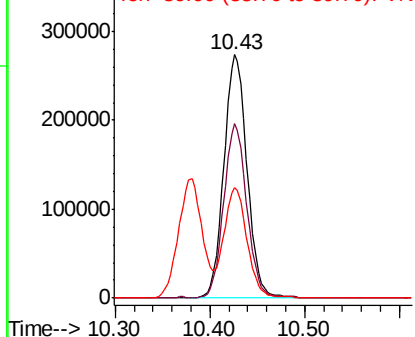


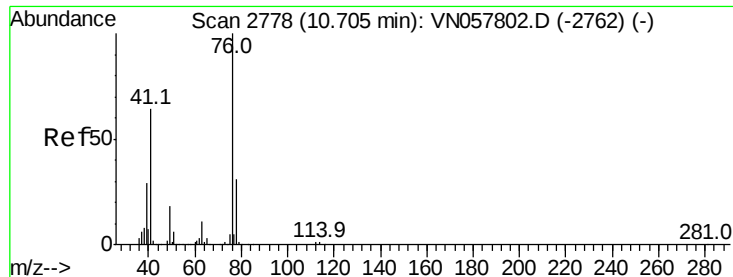
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 48.461 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

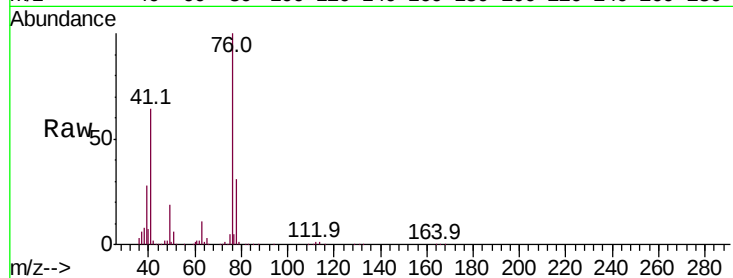
ClientSampleId :

Tot Ion: 76 Resp: 512584

Ion Ratio Lower Upper

76 100

78 31.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

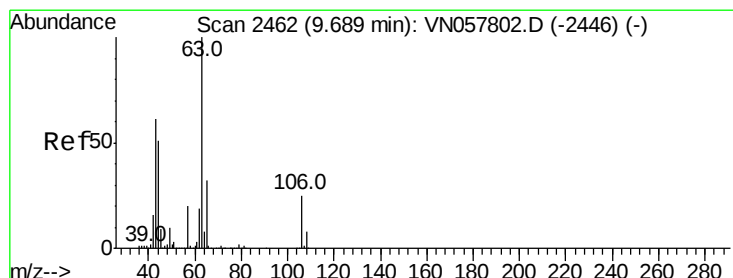
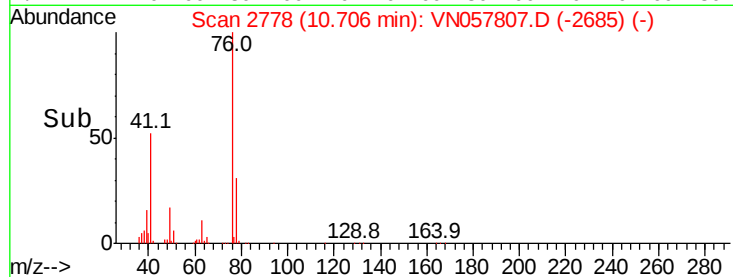
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 253.243 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057807.D

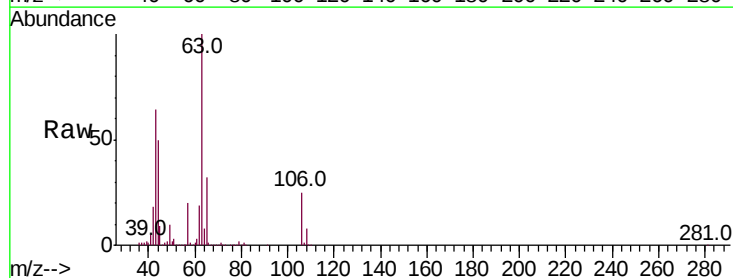
Acq: 9 Sep 2019 17:38

Tgt Ion: 63 Resp: 1102396

Ion Ratio Lower Upper

63 100

106 25.1 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

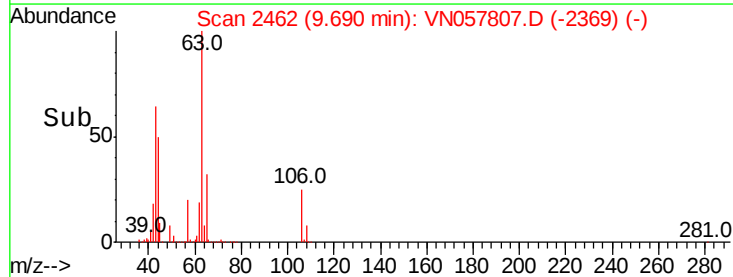
600000

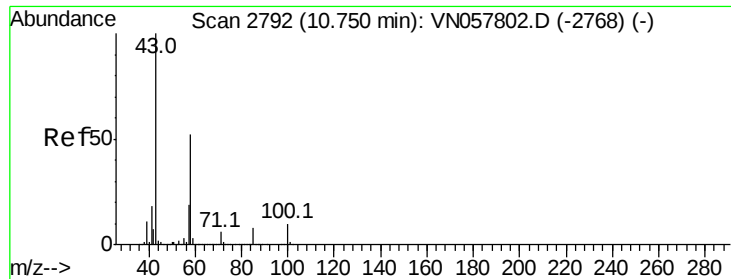
400000

200000

0

Time-->

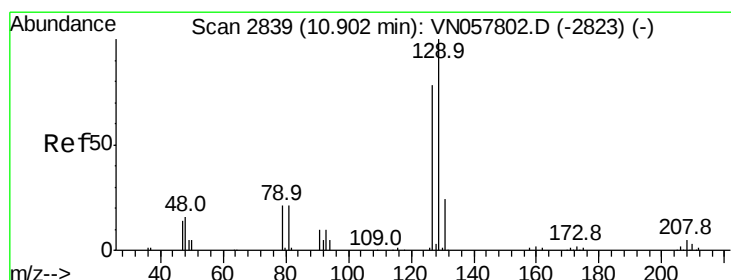
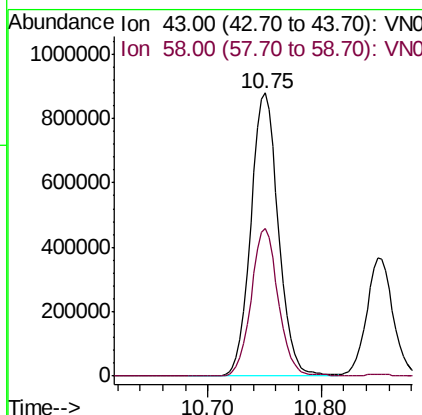
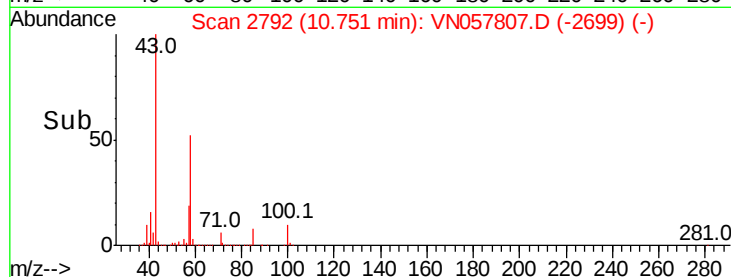
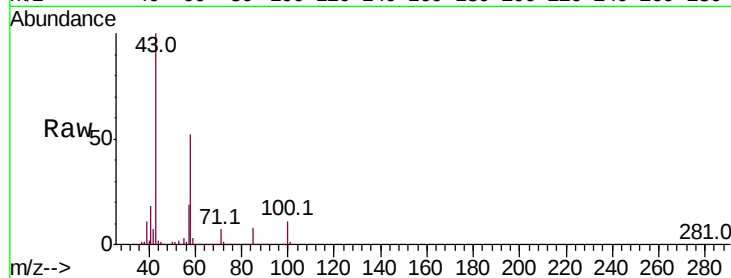




#59
2-Hexanone
Concen: 252.497 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

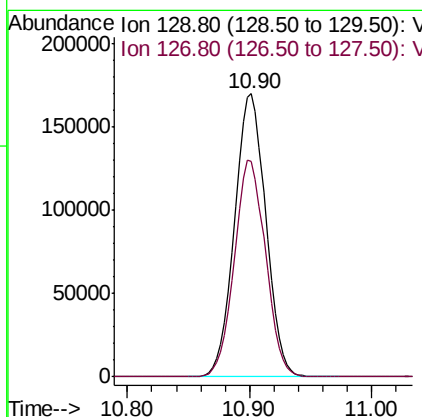
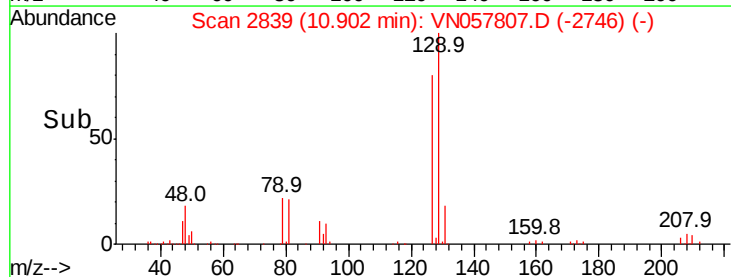
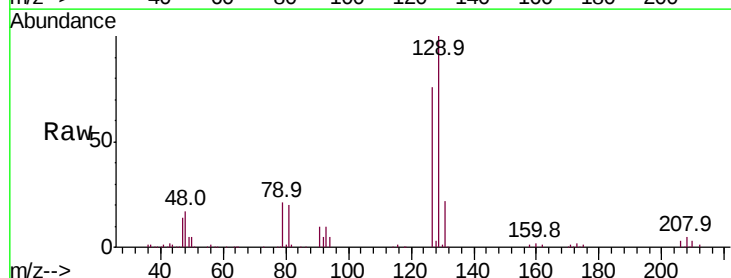
Instrument :
MSVOA_N
ClientSampled :

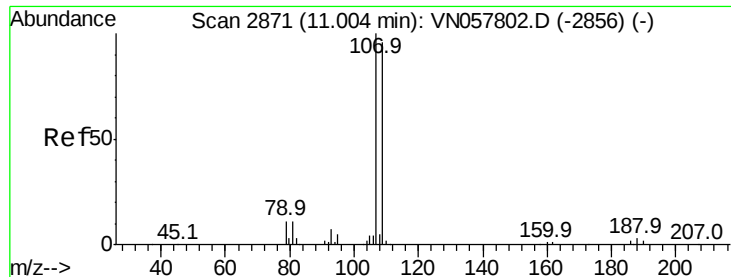
Tot Ion: 43 Resp: 1486899
Ion Ratio Lower Upper
43 100
58 51.4 25.6 76.8



#60
Dibromochloromethane
Concen: 53.046 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion: 129 Resp: 302323
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 48.915 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

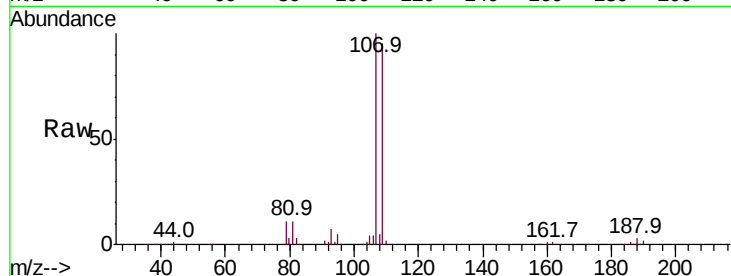
ClientSampleId :

Tot Ion:107 Resp: 283828

Ion Ratio Lower Upper

107 100

109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

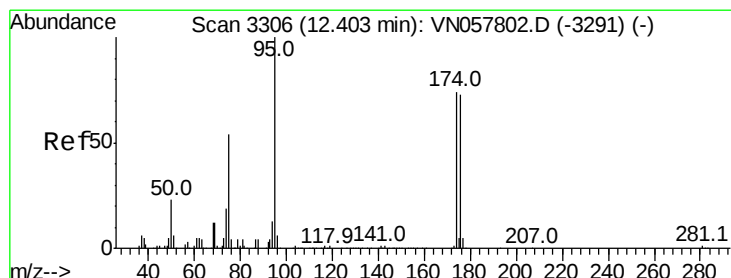
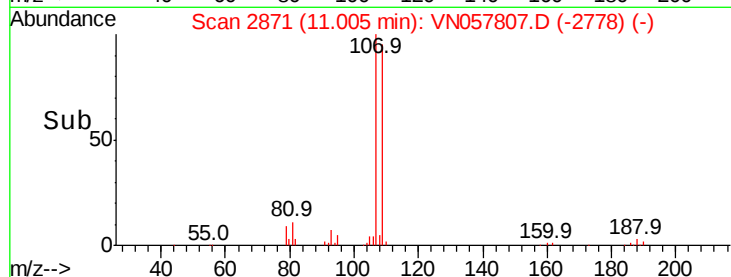
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 48.852 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

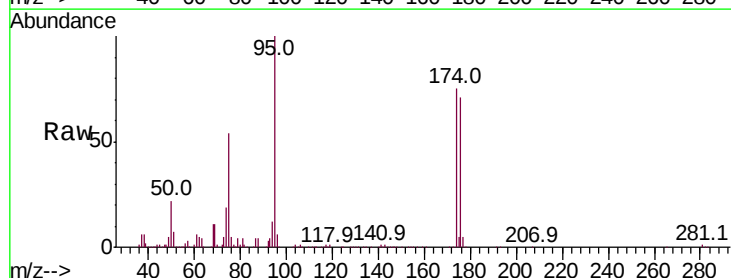
Tgt Ion: 95 Resp: 439545

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

176 71.8 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

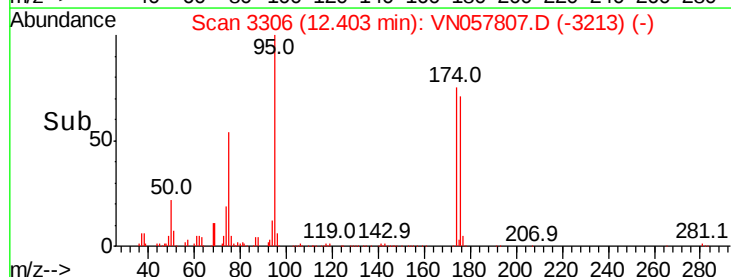
300000

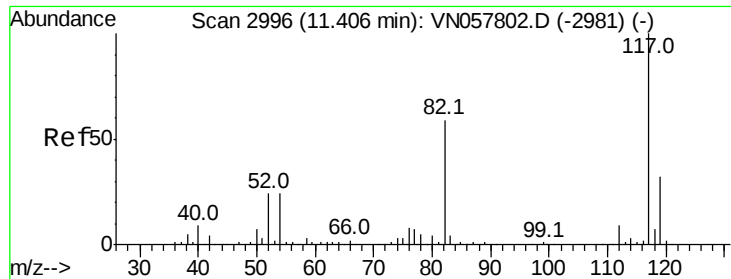
200000

100000

0

Time--> 12.35 12.40 12.45 12.50

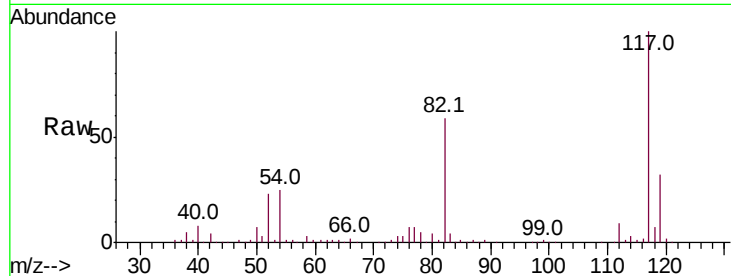




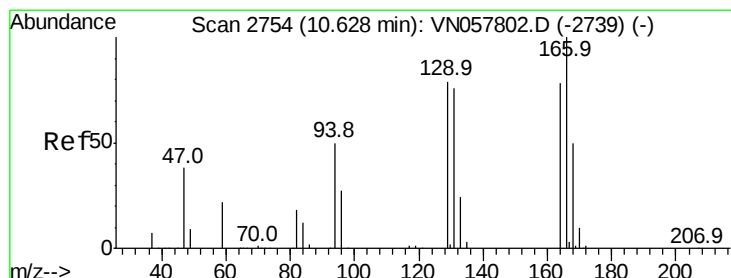
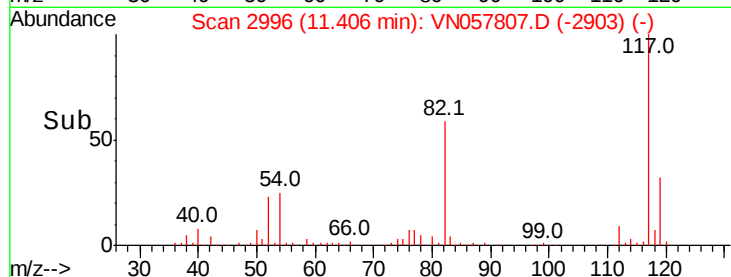
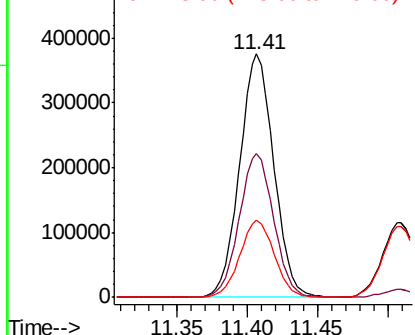
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 637426
Ion Ratio Lower Upper
117 100
82 59.3 47.2 70.8
119 31.7 25.3 37.9

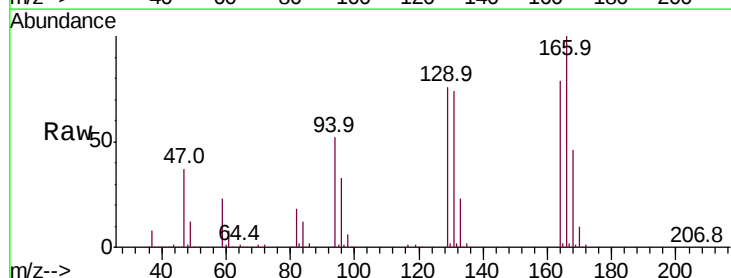


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

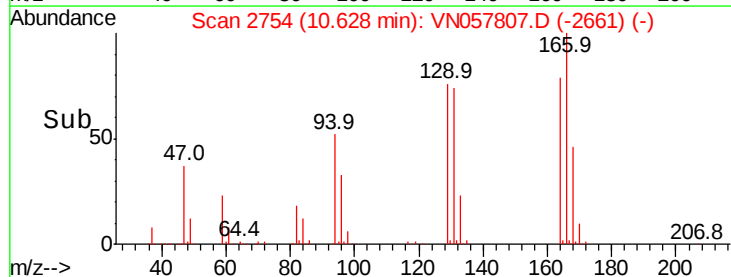
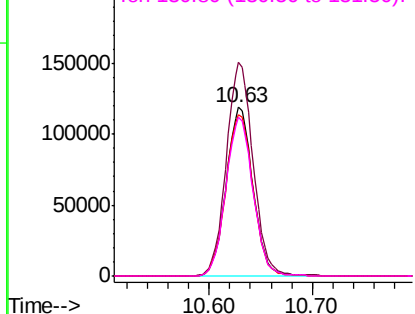


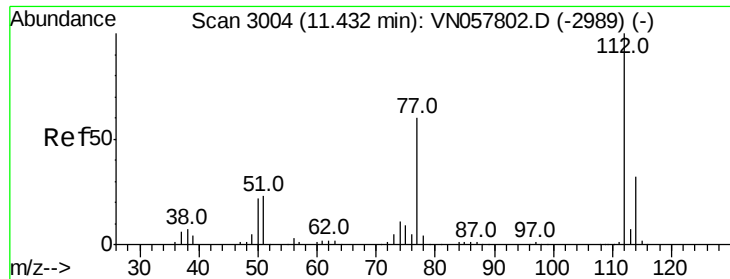
#64
Tetrachloroethene
Concen: 45.801 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion:164 Resp: 215561
Ion Ratio Lower Upper
164 100
166 126.8 102.2 153.2
129 95.8 80.8 121.2
131 94.1 77.4 116.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

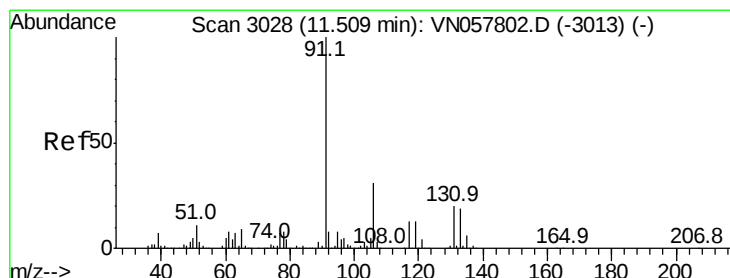
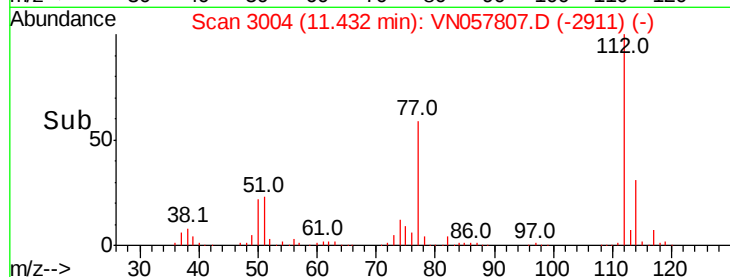
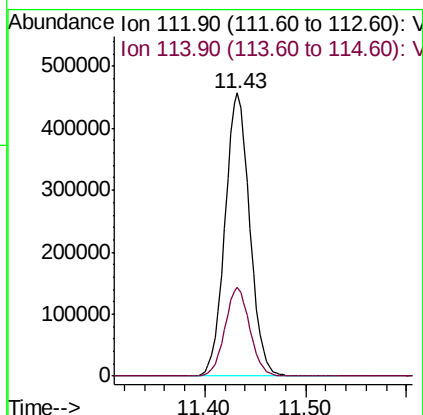
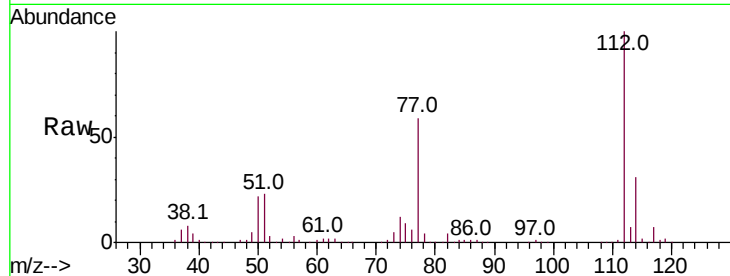




#65
Chlorobenzene
Concen: 46.880 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

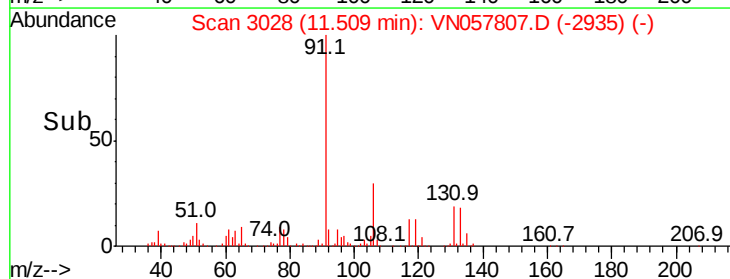
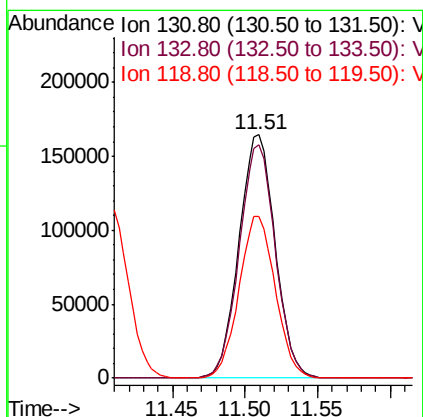
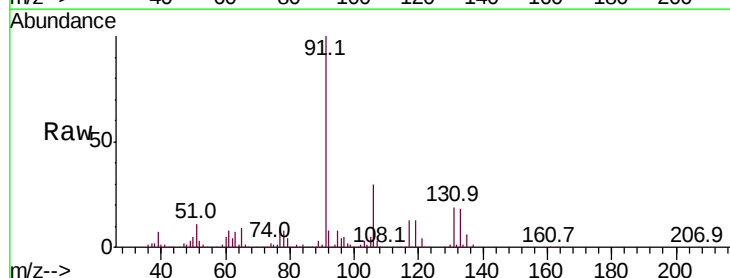
Instrument :
MSVOA_N
ClientSampleId :

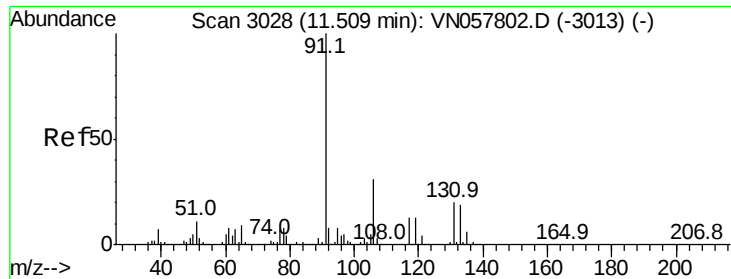
Tot Ion:112 Resp: 782051
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.262 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion:131 Resp: 285155
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.3
119 66.8 33.3 99.8

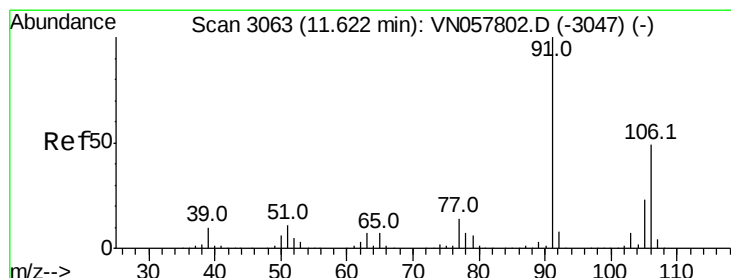
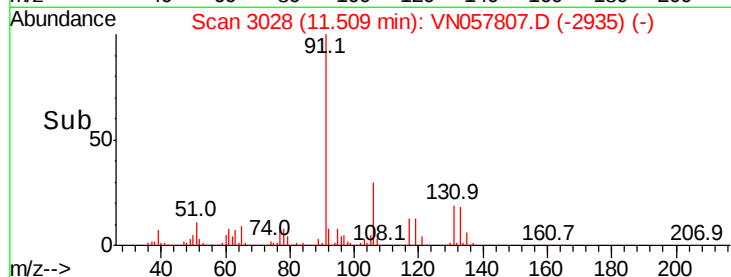
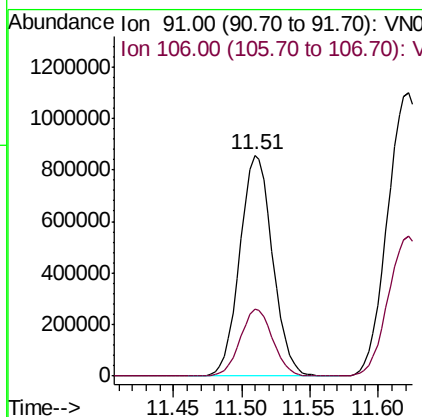
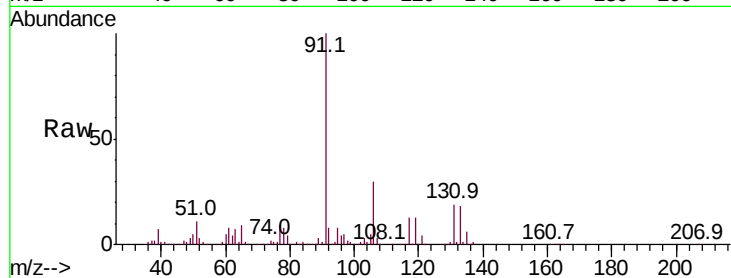




#67
Ethyl Benzene
Concen: 48.959 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

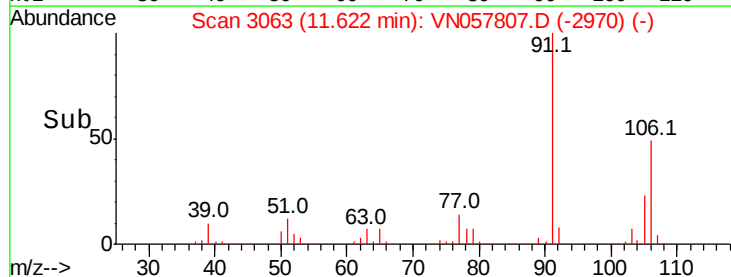
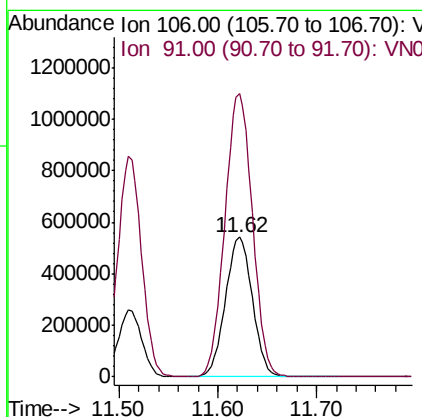
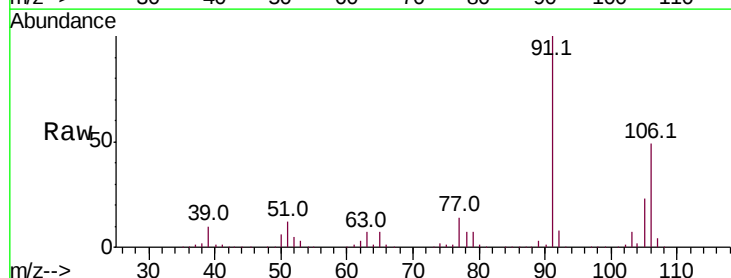
Instrument :
MSVOA_N
ClientSampled :

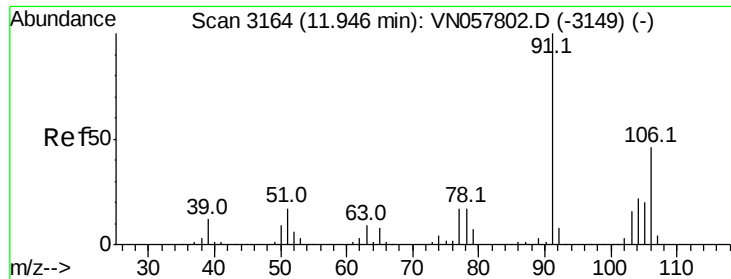
Tot Ion: 91 Resp: 1431361
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#68
m/p-Xylenes
Concen: 97.120 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion:106 Resp: 1040060
Ion Ratio Lower Upper
106 100
91 206.4 165.8 248.6

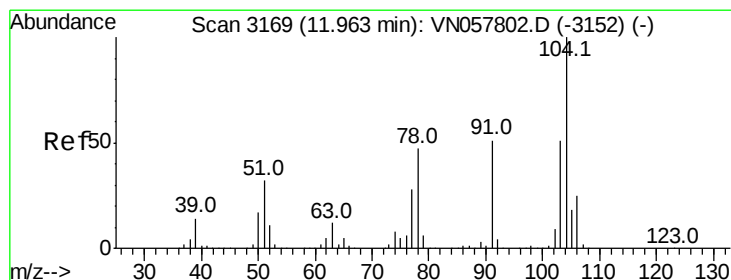
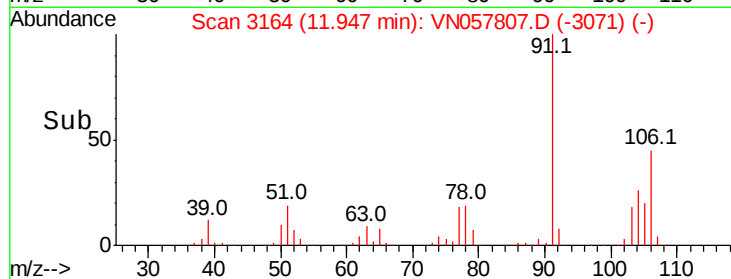
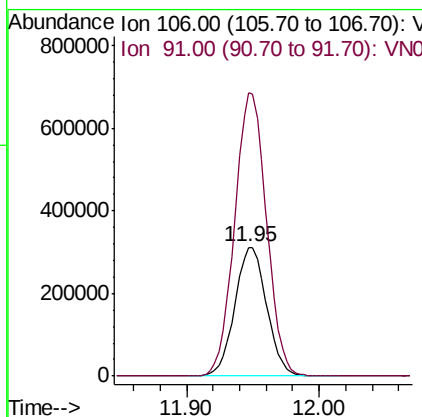
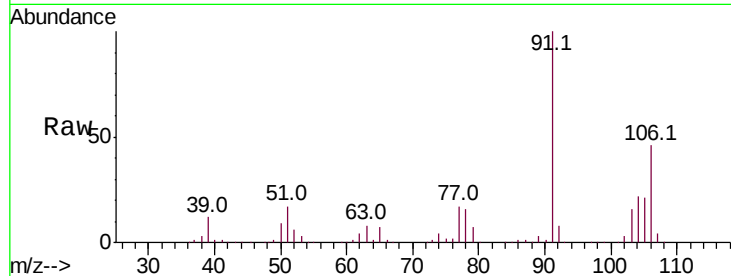




#69
o-Xylene
Concen: 48.820 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

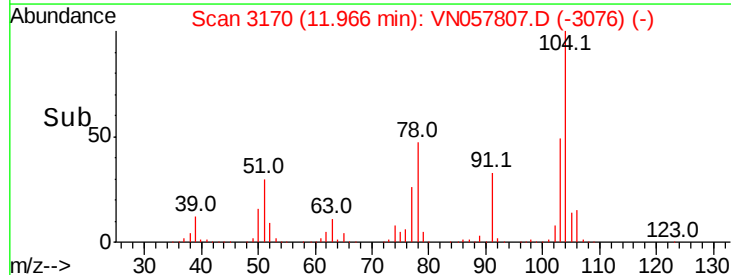
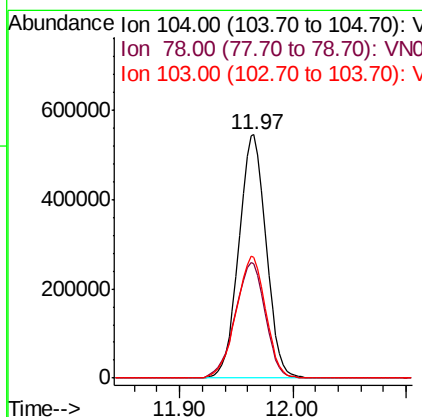
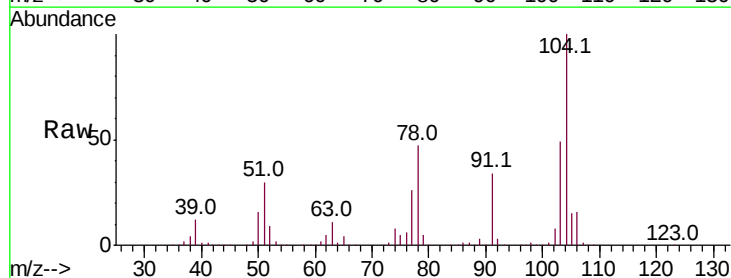
Instrument :
MSVOA_N
ClientSampled :

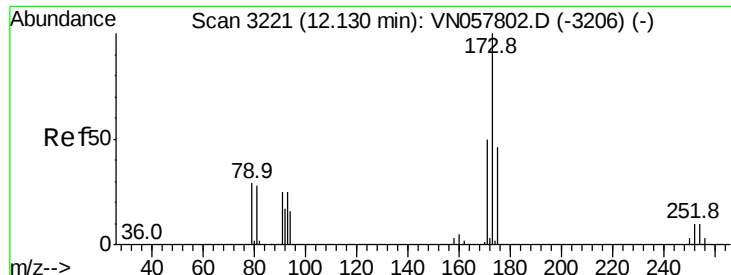
Tot Ion:106 Resp: 519757
Ion Ratio Lower Upper
106 100
91 219.8 108.7 326.1



#70
Styrene
Concen: 50.125 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion:104 Resp: 918409
Ion Ratio Lower Upper
104 100
78 52.4 41.3 61.9
103 54.2 43.7 65.5





#71

Bromoform

Concen: 53.132 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

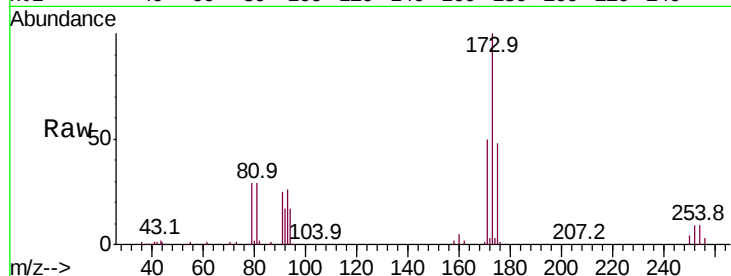
Tot Ion:173 Resp: 191748

Ion Ratio Lower Upper

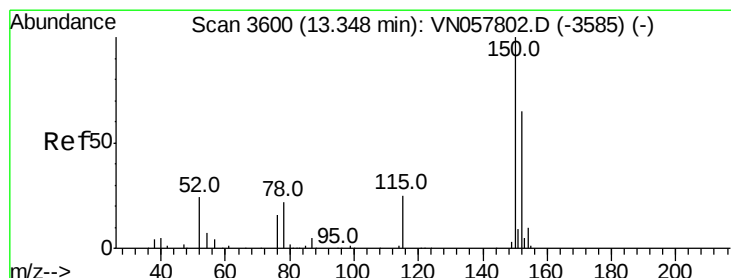
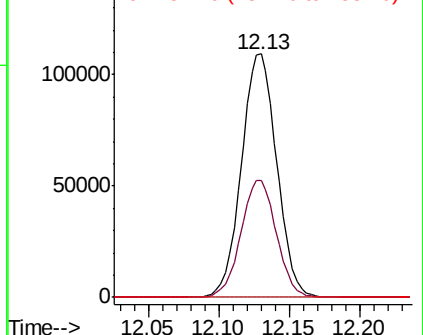
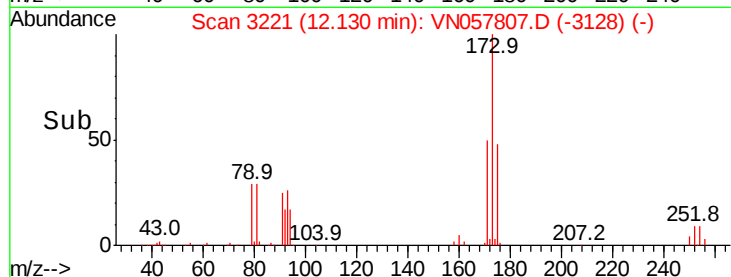
173 100

175 48.1 23.5 70.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
150000
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

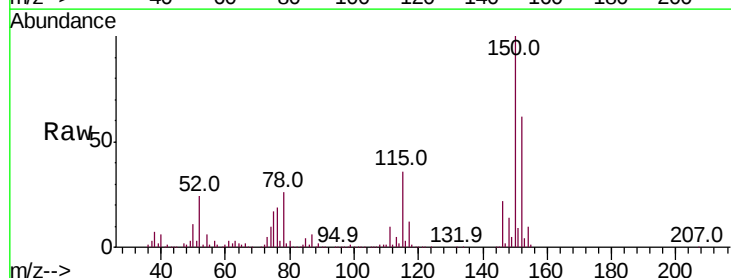
Tgt Ion:152 Resp: 402211

Ion Ratio Lower Upper

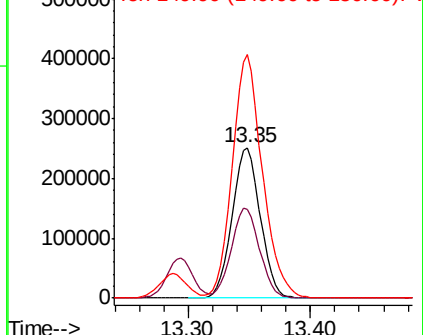
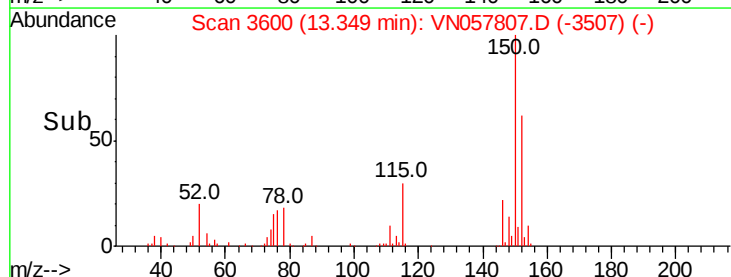
152 100

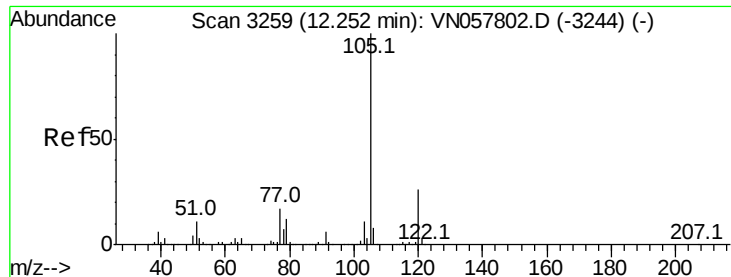
115 60.2 30.3 91.0

150 173.2 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V
500000
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

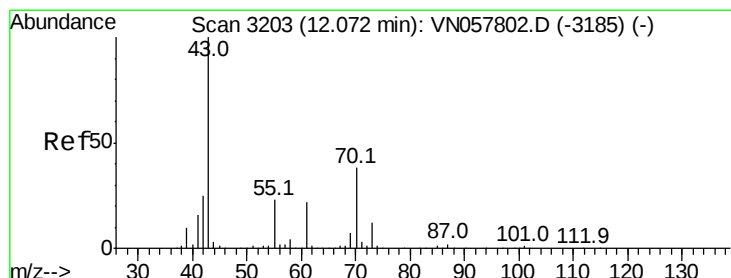
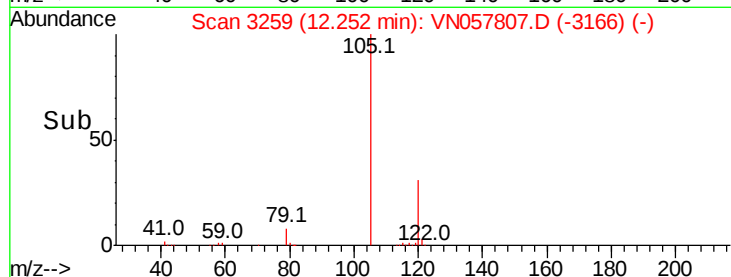
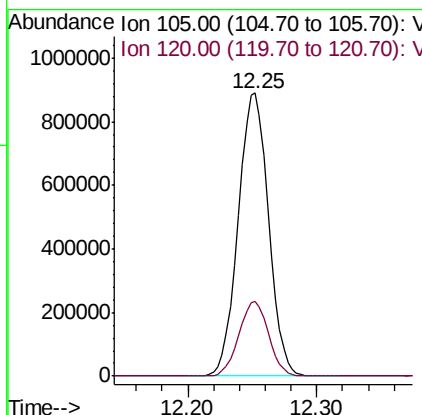
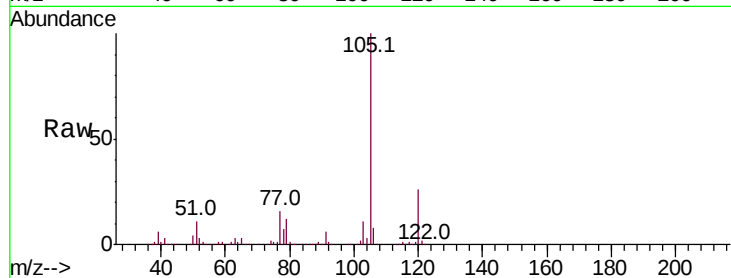




#73
Isopropylbenzene
Concen: 46.496 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

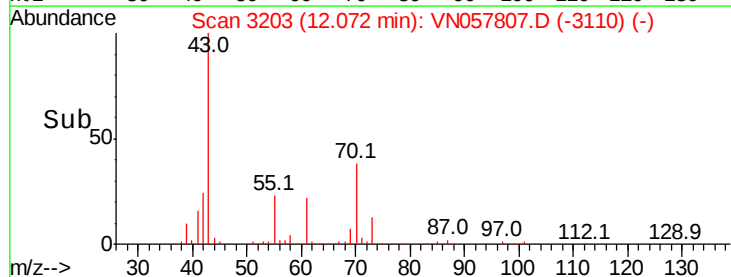
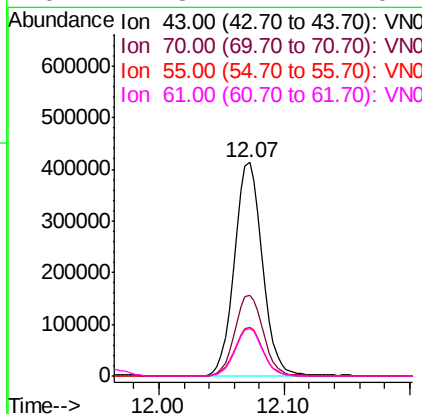
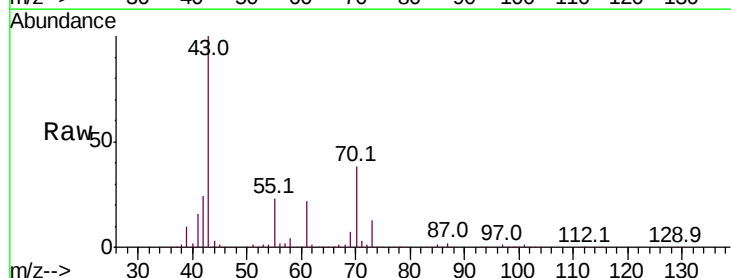
Instrument :
MSVOA_N
ClientSampled :

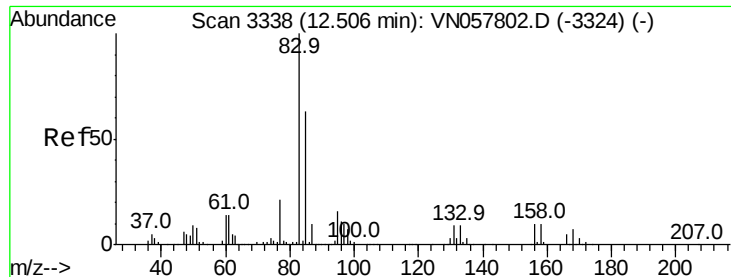
Tot Ion:105 Resp: 1451144
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4



#74
N-ethyl acetate
Concen: 46.926 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion: 43 Resp: 637386
Ion Ratio Lower Upper
43 100
70 38.7 30.6 45.8
55 23.3 18.6 27.8
61 22.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 43.905 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

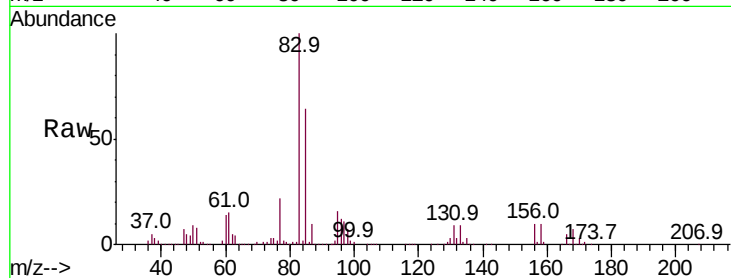
Tot Ion: 83 Resp: 461375

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.3
85	64.0	31.6	94.7

83 100

131 9.5 4.8 14.3

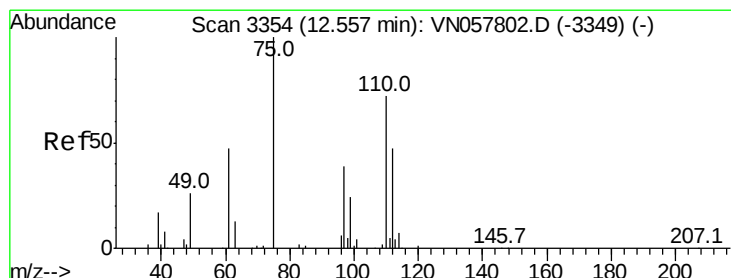
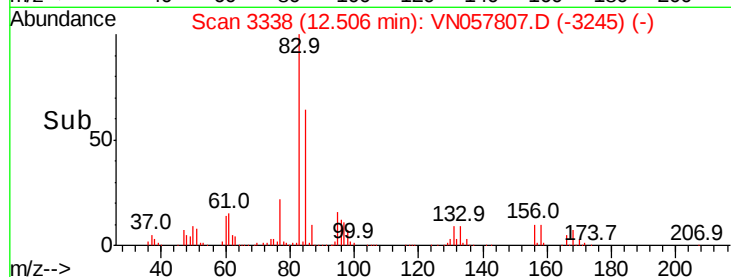
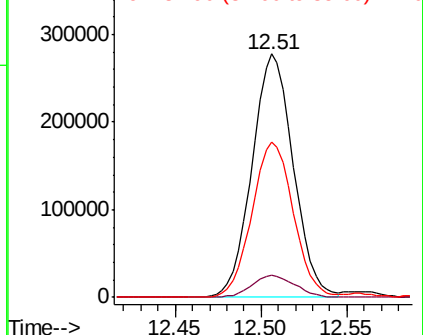
85 64.0 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 62.446 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057807.D

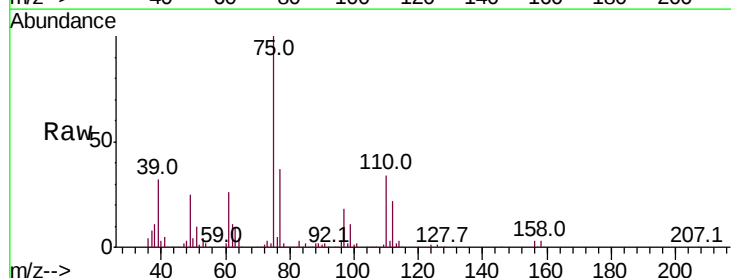
Acq: 9 Sep 2019 17:38

Tgt Ion: 75 Resp: 568178

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

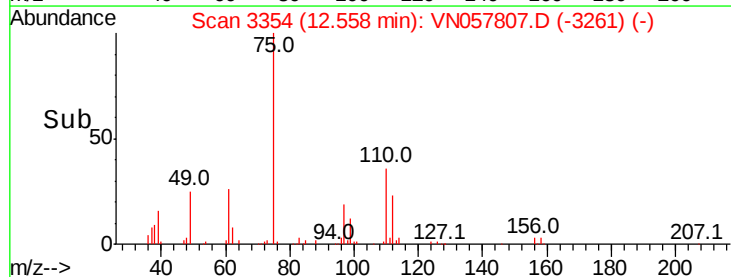
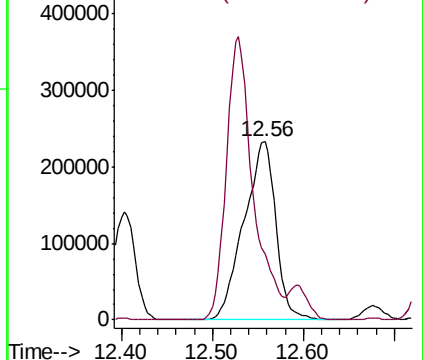
75 100

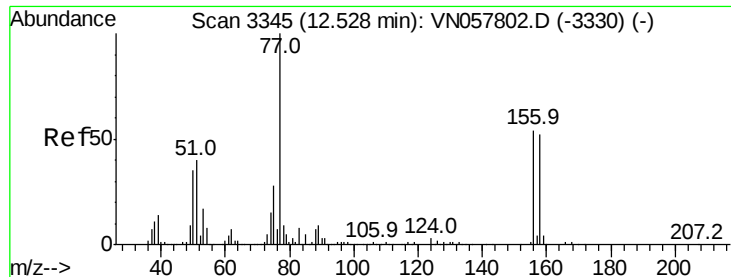
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 43.161 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

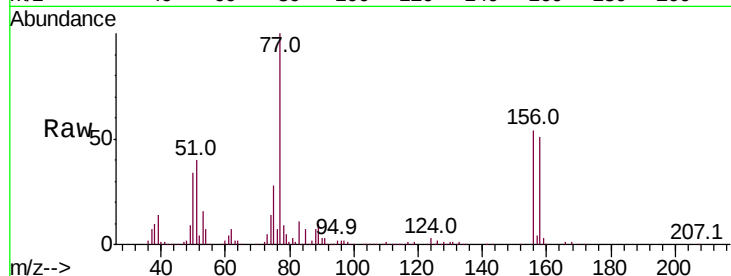
Tot Ion:156 Resp: 335853

Ion Ratio Lower Upper

156 100

77 227.1 113.7 341.1

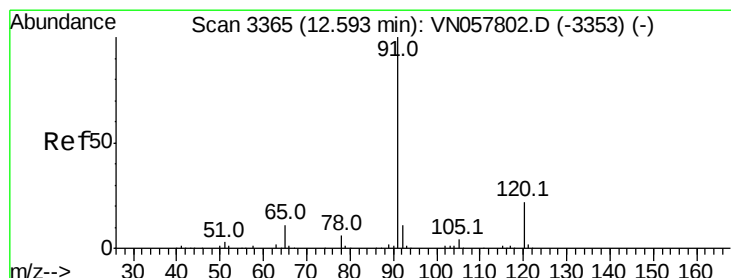
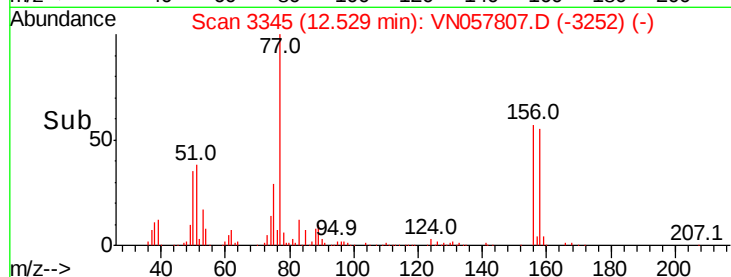
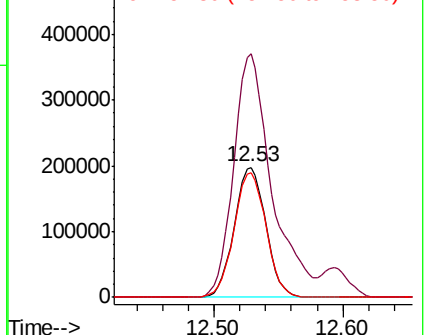
158 97.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VN

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 47.399 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057807.D

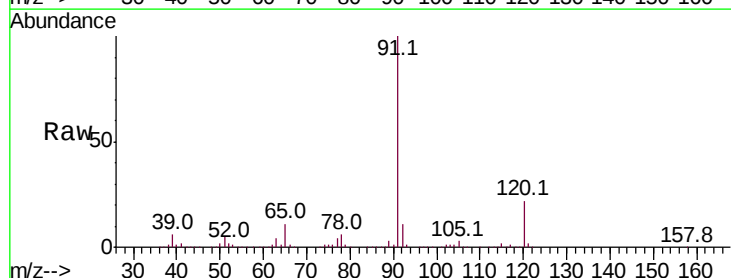
Acq: 9 Sep 2019 17:38

Tgt Ion: 91 Resp: 1698727

Ion Ratio Lower Upper

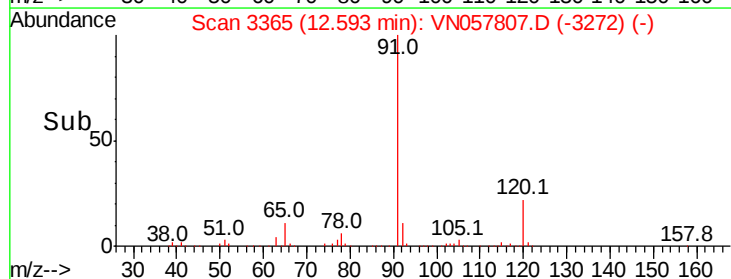
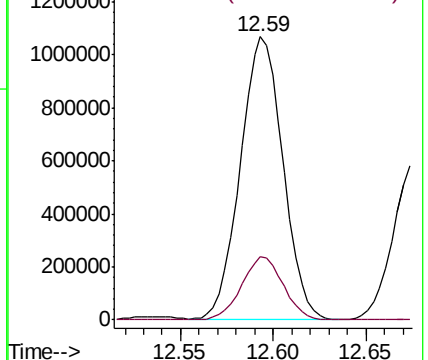
91 100

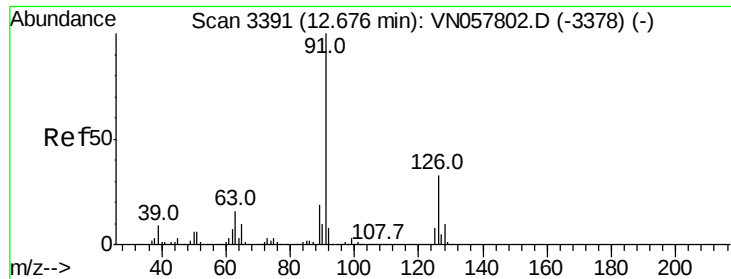
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.30): VN

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 44.492 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

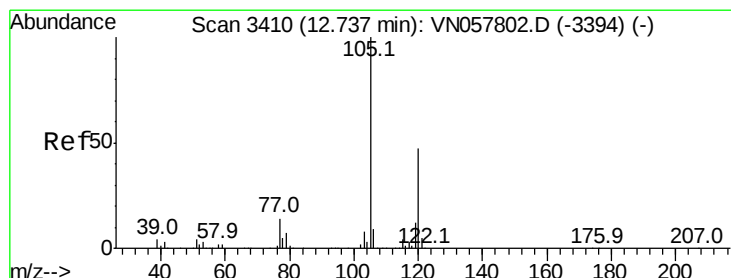
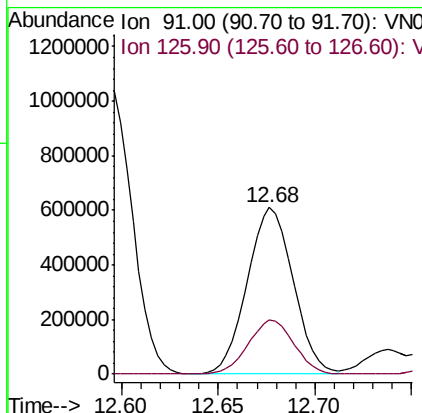
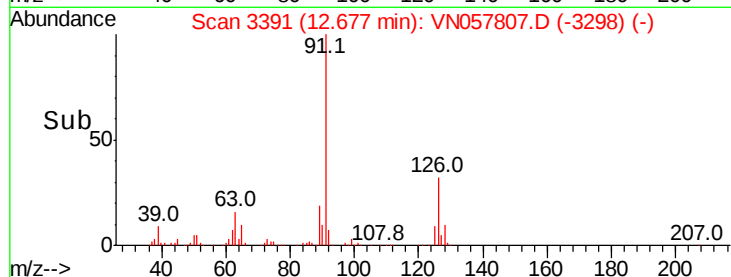
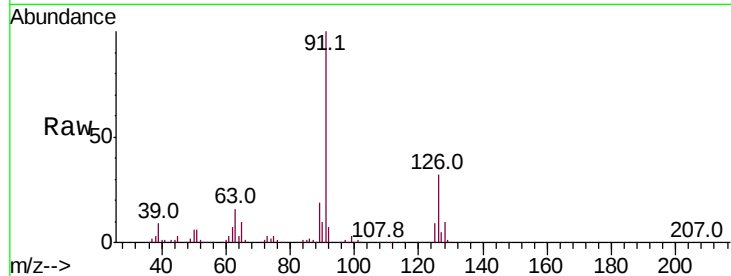
ClientSampleId :

Tot Ion: 91 Resp: 1007806

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 47.499 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057807.D

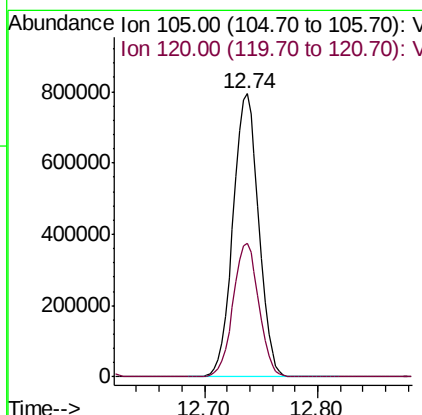
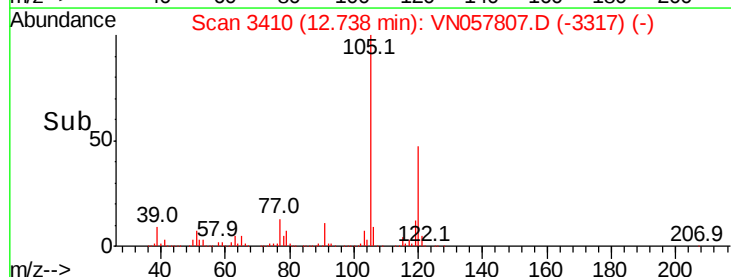
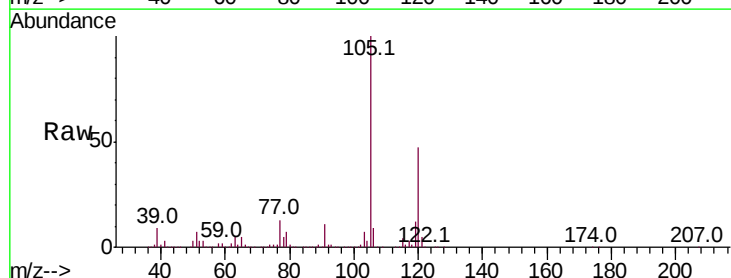
Acq: 9 Sep 2019 17:38

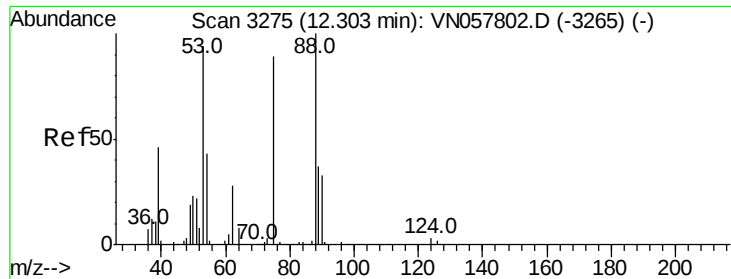
Tgt Ion:105 Resp: 1252580

Ion Ratio Lower Upper

105 100

120 47.4 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 48.137 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

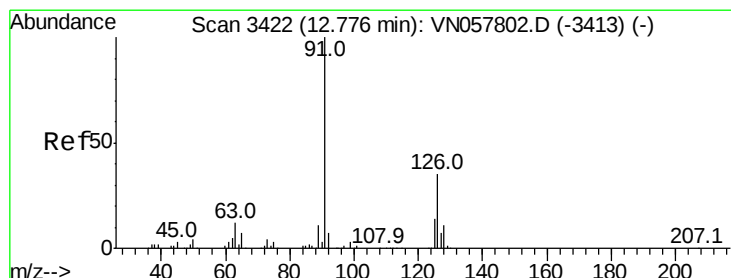
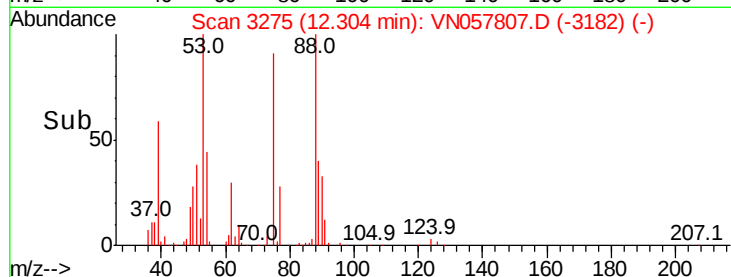
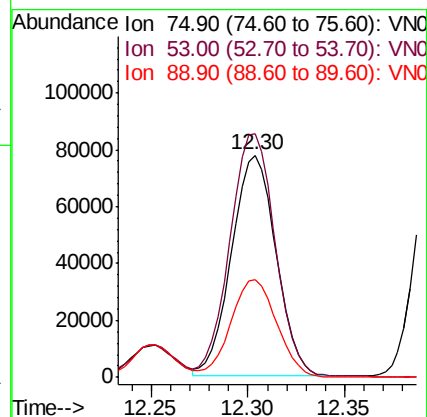
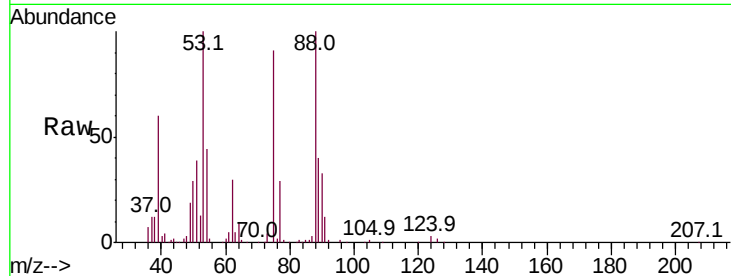
Tot Ion: 75 Resp: 124463

Ion Ratio Lower Upper

75 100

53 111.0 88.4 132.6

89 45.6 35.3 52.9



#82

4-Chlorotoluene

Concen: 45.813 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057807.D

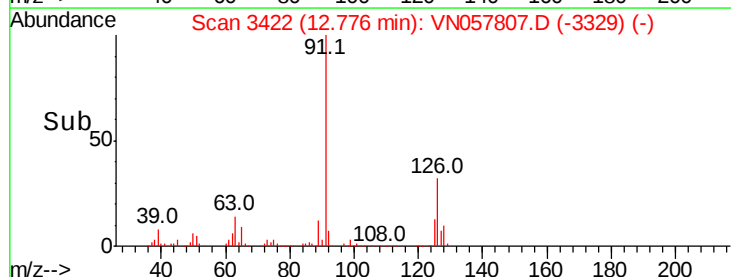
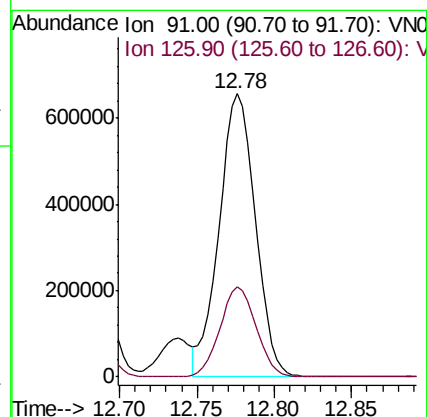
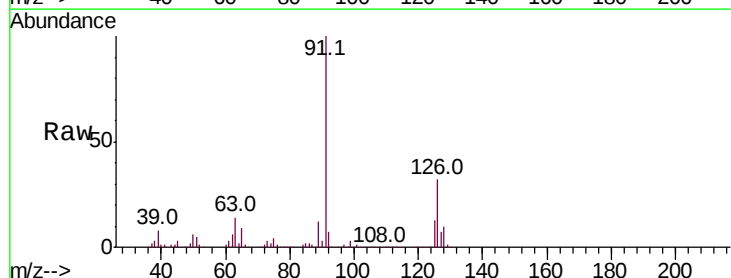
Acq: 9 Sep 2019 17:38

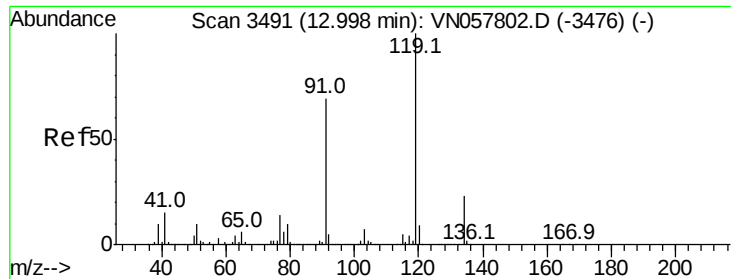
Tgt Ion: 91 Resp: 1065674

Ion Ratio Lower Upper

91 100

126 31.9 16.0 48.0

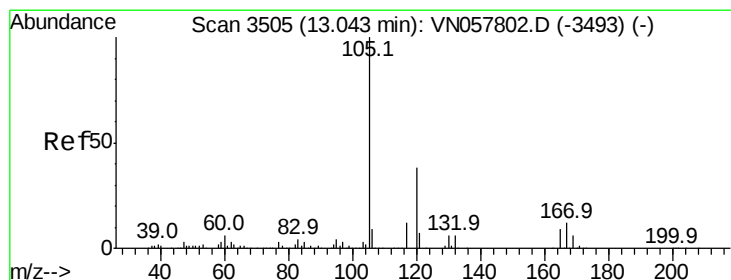
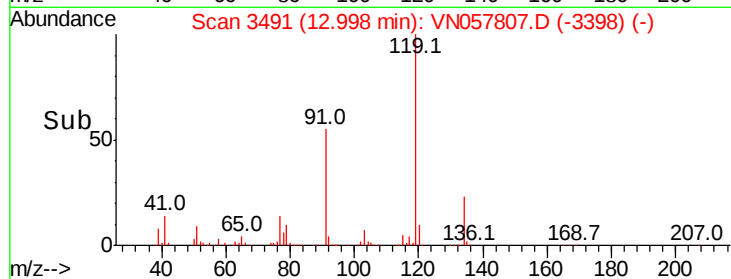
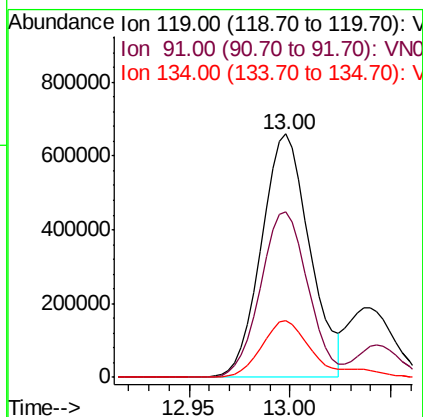
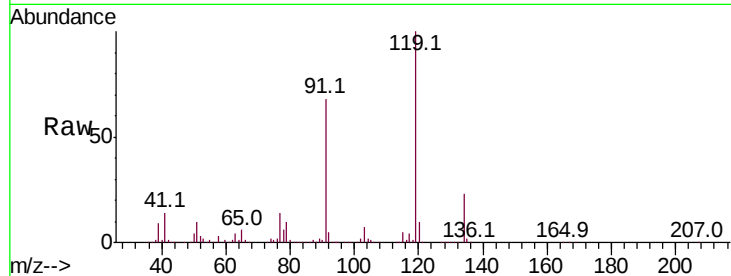




#83
 tert-Butylbenzene
 Concen: 46.912 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

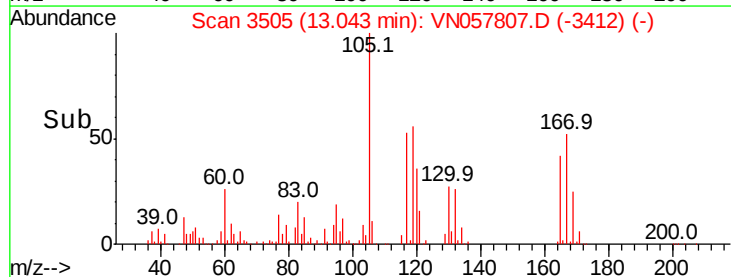
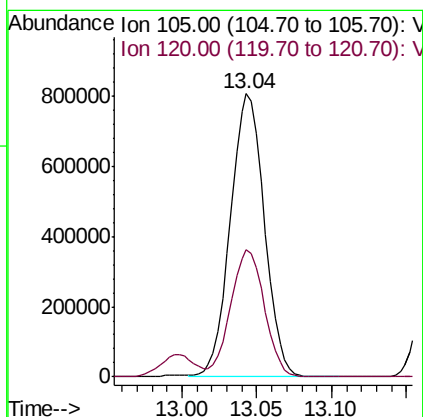
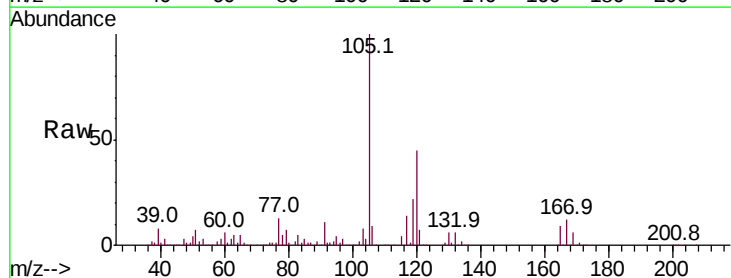
Instrument :
 MSVOA_N
 ClientSampleId :

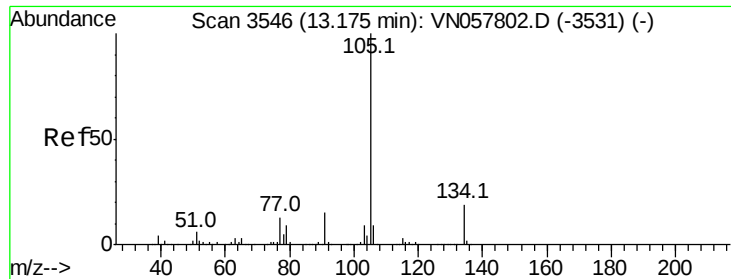
Tot Ion:119 Resp: 1099677
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.6 100.8
 134 23.1 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 47.390 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion:105 Resp: 1270154
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.2

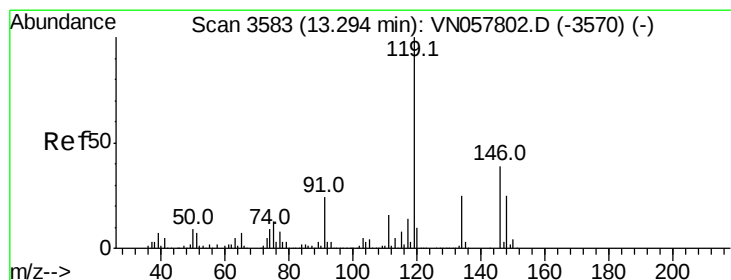
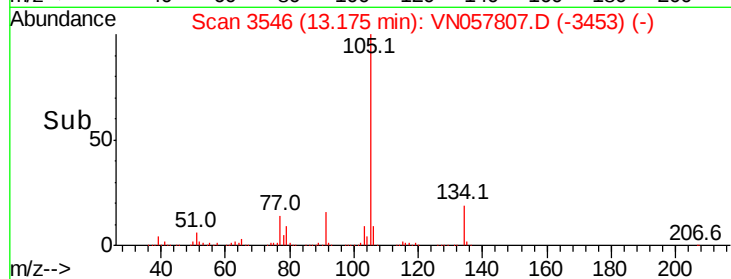
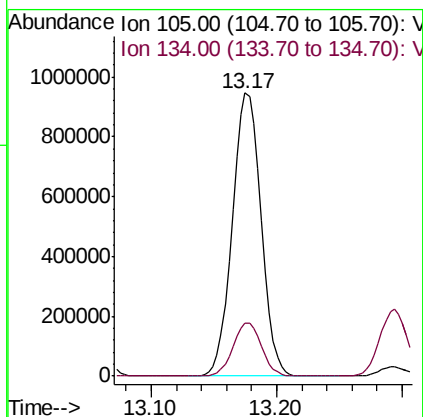
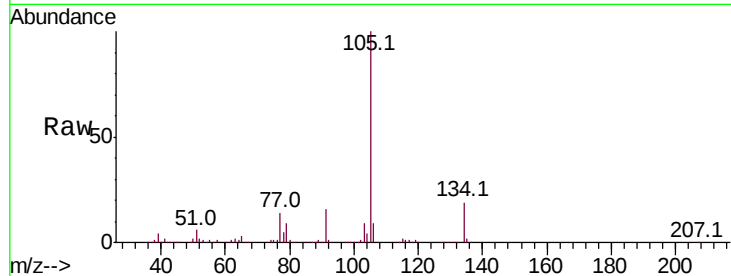




#85
 sec-Butylbenzene
 Concen: 48.379 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

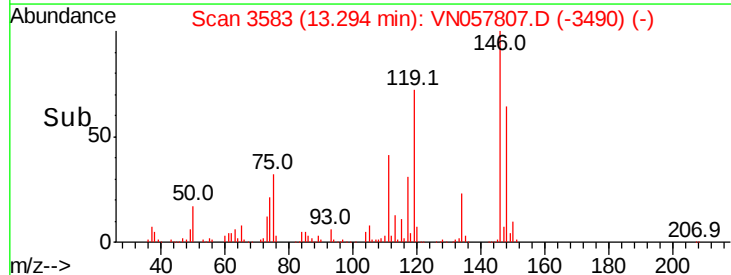
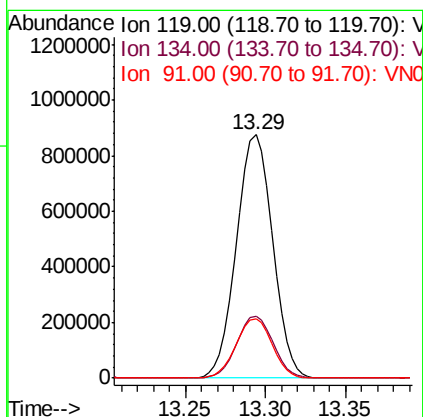
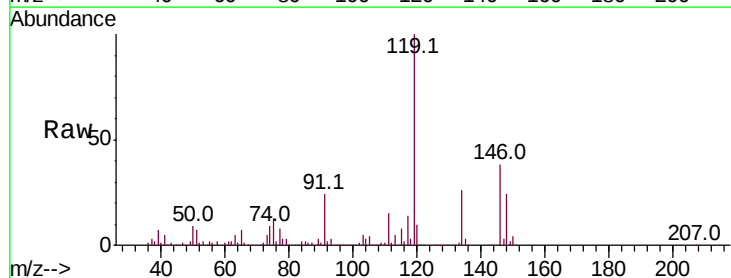
Instrument :
 MSVOA_N
 ClientSampled :

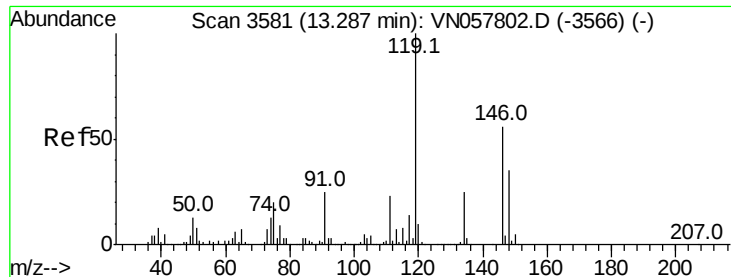
Tot Ion:105 Resp: 1503113
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 49.163 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion:119 Resp: 1345868
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.5 37.5
 91 24.5 12.3 36.8

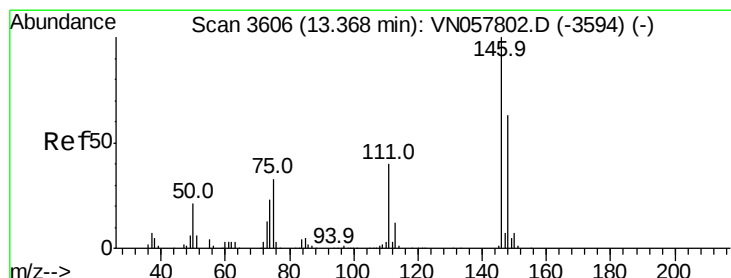
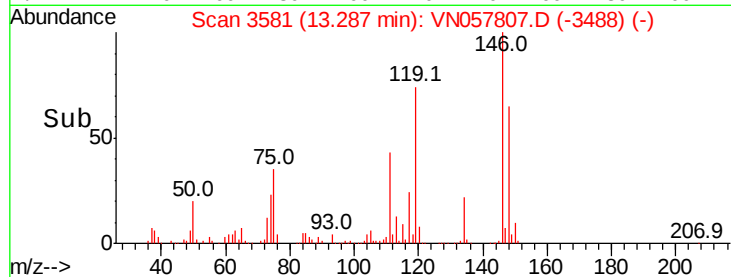
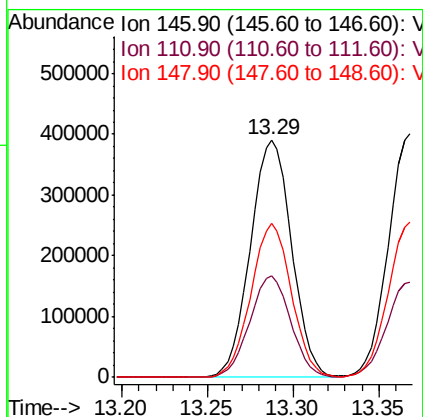
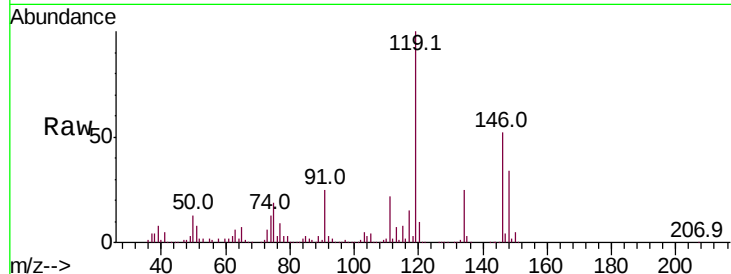




#87
 1,3-Dichlorobenzene
 Concen: 45.532 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

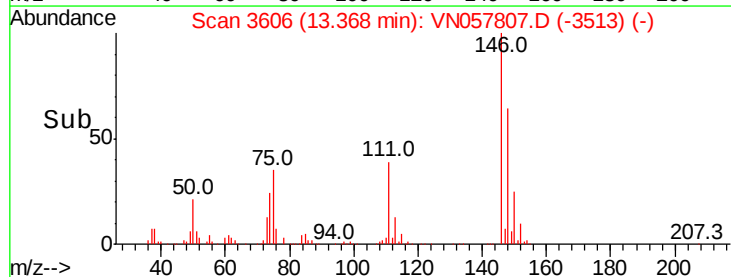
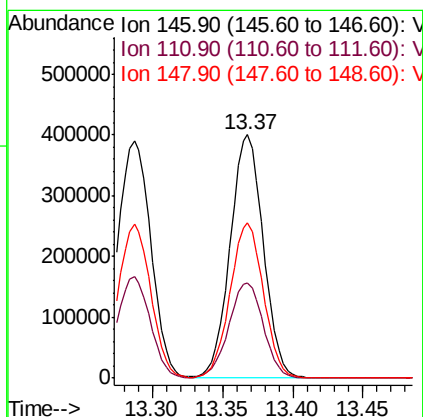
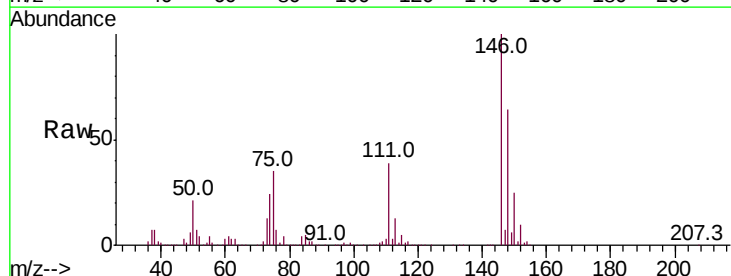
Instrument :
 MSVOA_N
 ClientSampled :

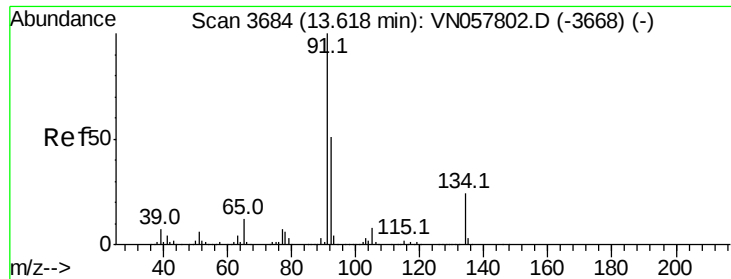
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.5	61.6
148	63.6	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 45.303 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	64.2	31.8	95.4

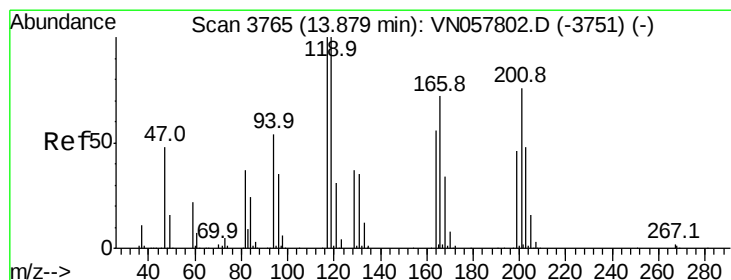
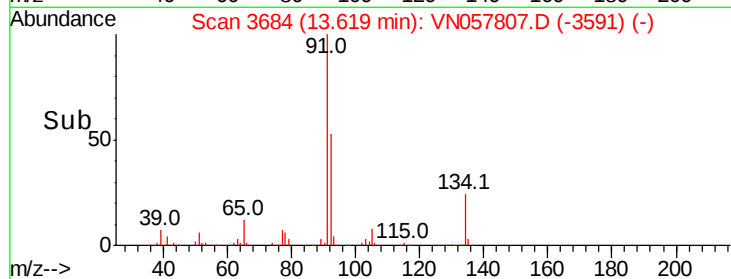
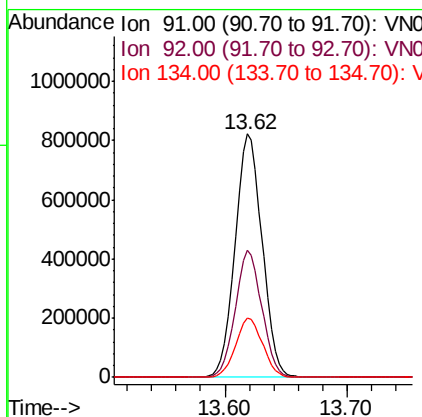
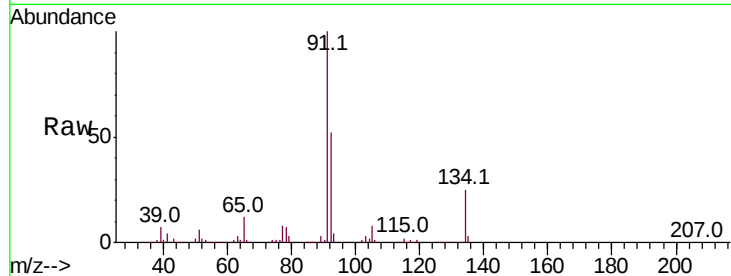




#89
n-Butylbenzene
Concen: 48.795 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

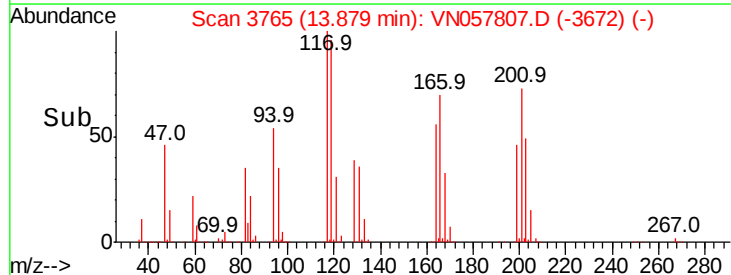
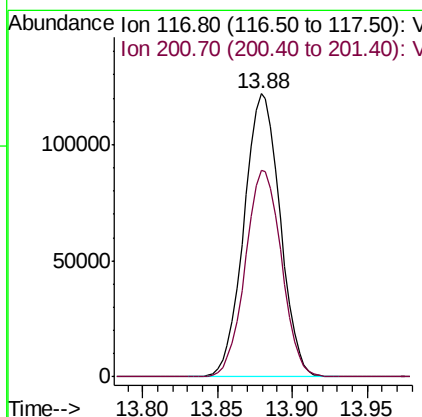
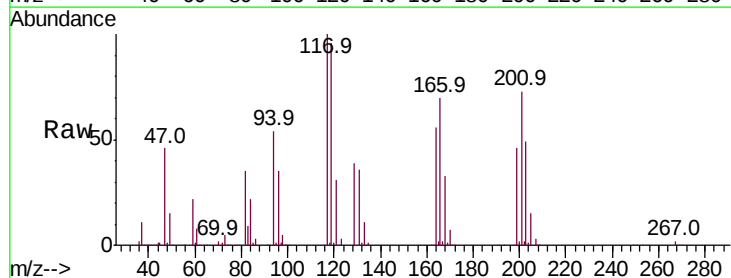
Instrument :
MSVOA_N
ClientSampled :

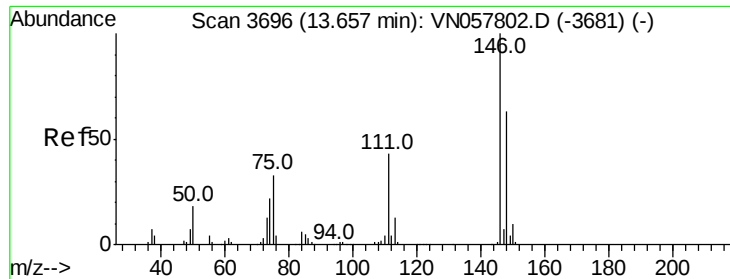
Tot Ion: 91 Resp: 1261468
Ion Ratio Lower Upper
91 100
92 51.1 25.7 77.0
134 24.4 11.9 35.7



#90
Hexachloroethane
Concen: 50.369 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057807.D
Acq: 9 Sep 2019 17:38

Tgt Ion: 117 Resp: 205066
Ion Ratio Lower Upper
117 100
201 73.0 37.5 112.7

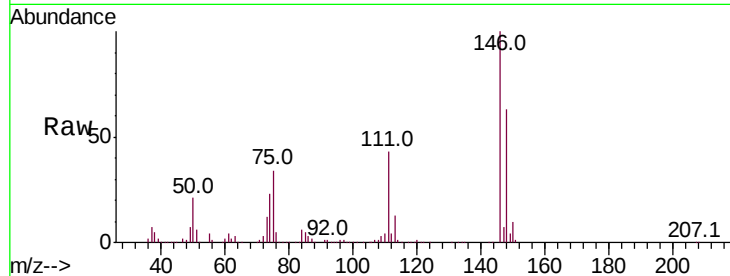




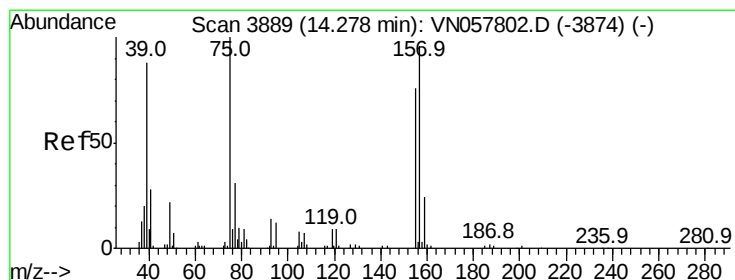
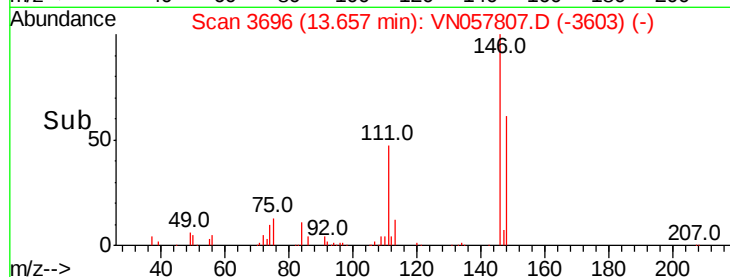
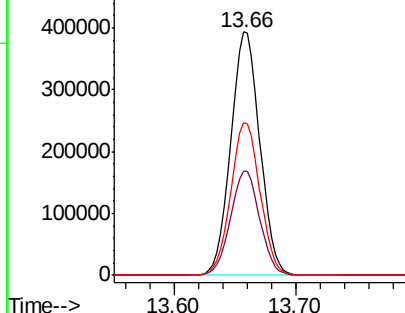
#91
 1,2-Dichlorobenzene
 Concen: 45.744 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.9
148	63.2	31.4	94.3

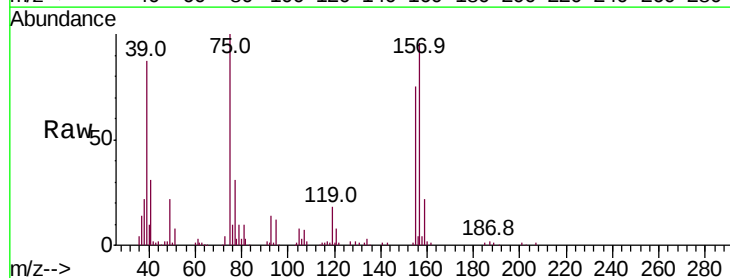


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

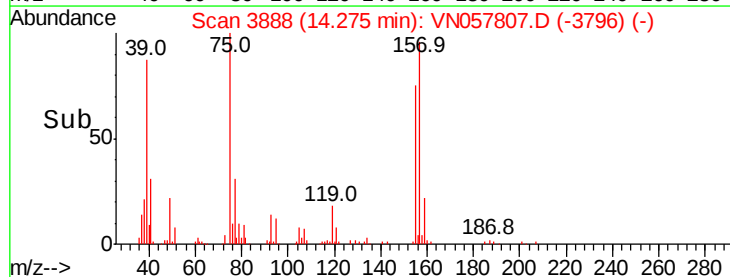
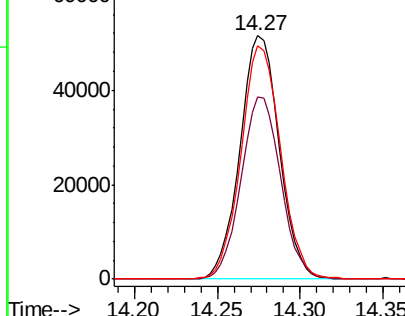


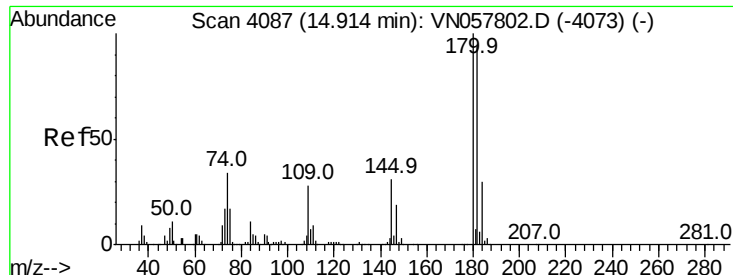
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.139 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.5	37.3	111.8
157	96.8	47.9	143.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

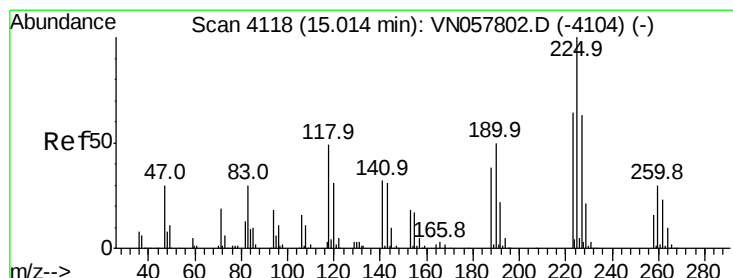
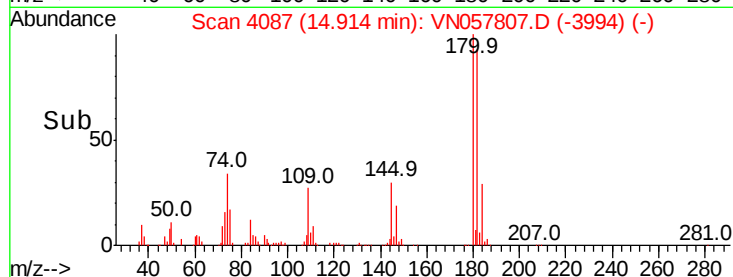
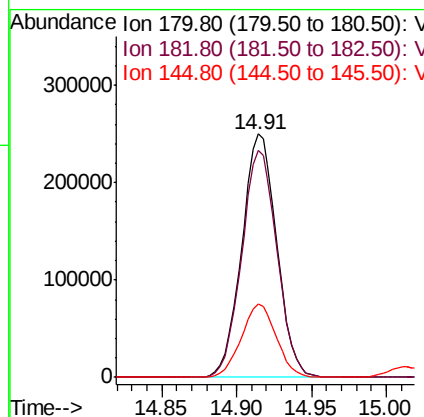
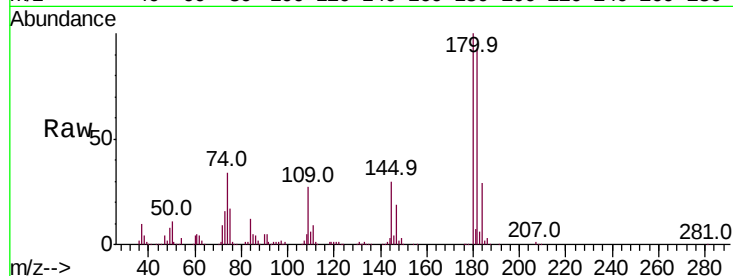




#93
 1,2,4-Trichlorobenzene
 Concen: 43.461 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

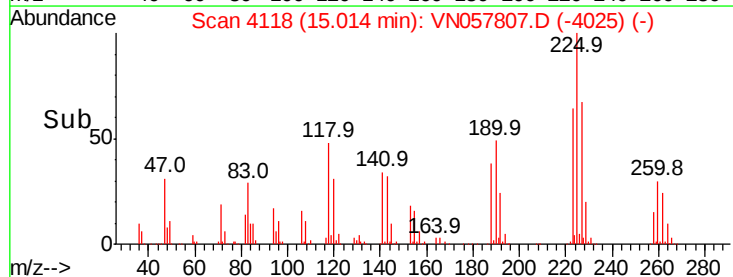
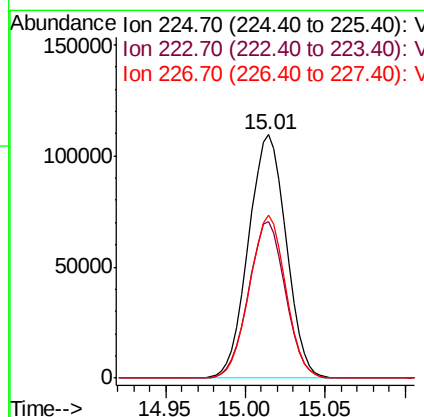
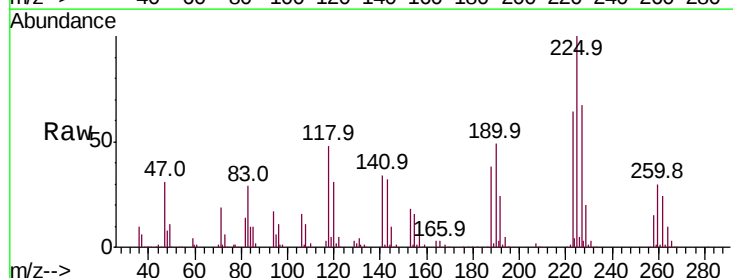
Instrument :
 MSVOA_N
 ClientSampleId :

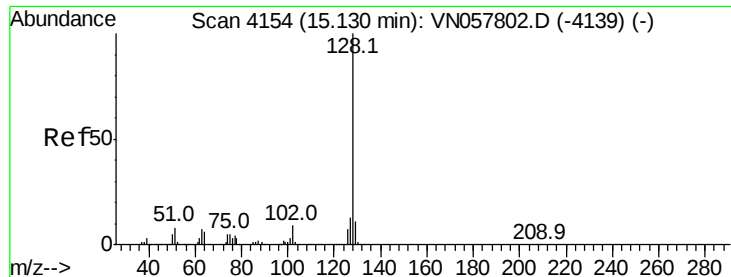
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.9	140.8
145	30.2	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 44.613 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057807.D
 Acq: 9 Sep 2019 17:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.4	97.2
227	64.3	31.8	95.4





#95

Naphthalene

Concen: 49.361 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

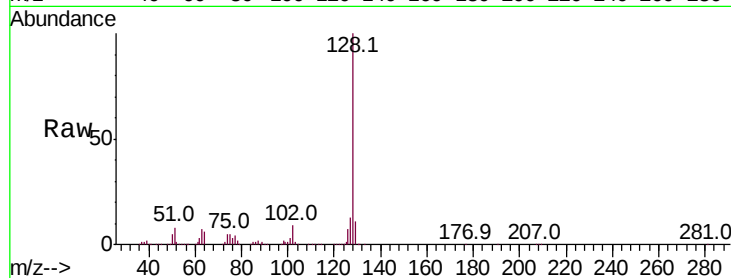
Tot Ion:128 Resp: 1162705

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

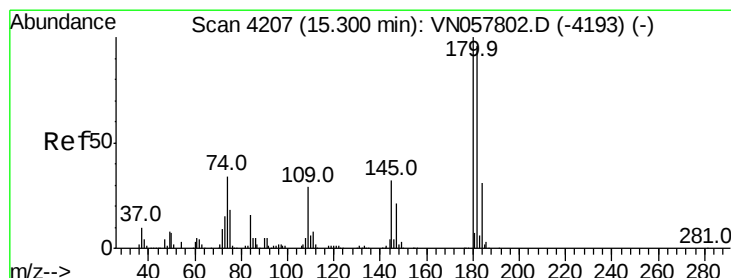
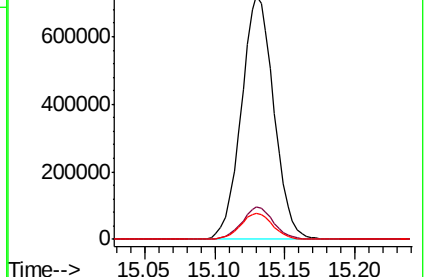
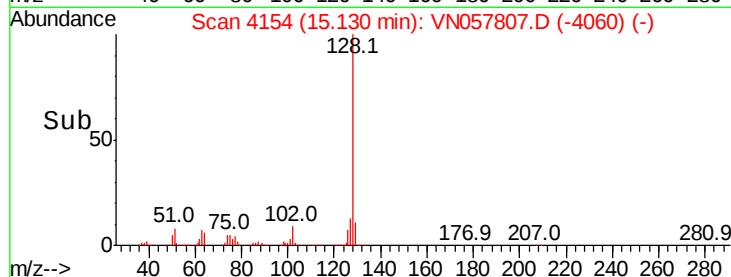
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.513 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057807.D

Acq: 9 Sep 2019 17:38

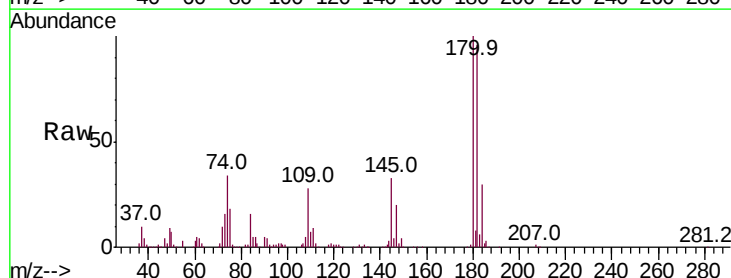
Tgt Ion:180 Resp: 378133

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.8

145 32.6 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

