

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080619\
 Data File : VN057107.D
 Acq On : 6 Aug 2019 16:49
 Operator : JC/SP
 Sample : VN0806WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

Quant Time: Aug 07 02:17:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 04:19:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	74643	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	8.58	114	401986	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	359776	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	145688	29.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.40%
60) 4-Bromofluorobenzene	12.40	95	153891	28.54	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.13%
63) Toluene-d8	10.08	98	496586	29.22	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	89040	19.952	ug/l 96
3) Chloromethane	2.05	50	100473	18.450	ug/l 99
4) Vinyl Chloride	2.18	62	93764	17.858	ug/l 99
5) Bromomethane	2.52	94	54206	16.815	ug/l 99
6) Chloroethane	2.68	64	50279	17.264	ug/l 99
7) Trichlorofluoromethane	3.00	101	130939	20.478	ug/l 97
8) Diethyl Ether	3.40	74	47879	20.096	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	77396	19.274	ug/l 96
10) 1,1-Dichloroethene	3.72	96	75276	18.890	ug/l 94
11) Methyl Iodide	3.94	142	86942	14.747	ug/l 97
12) Methyl Acetate	4.31	43	84725	17.373	ug/l 93
13) Acrolein	3.59	56	63862	115.705	ug/l 98
14) Acrylonitrile	4.97	53	171737	91.310	ug/l 99
15) Acetone	3.81	58	49613	102.032	ug/l 87
16) Carbon Disulfide	4.04	76	189200	17.608	ug/l 99
17) Allyl chloride	4.31	41	113054	16.954	ug/l 98
18) Methylene Chloride	4.54	84	89538	19.305	ug/l 94
19) trans-1,2-Dichloroethene	5.02	96	80282	19.036	ug/l 94
20) Diisopropyl ether	5.94	45	245424	18.127	ug/l 97
21) 1,1-Dichloroethane	5.83	63	146228	18.585	ug/l 99
22) cis-1,2-Dichloroethene	6.82	96	93495	19.128	ug/l 98
23) tert-Butyl Alcohol	4.78	59	52966	84.387	ug/l # 100
24) Methyl tert-Butyl Ether	5.03	73	228557	18.971	ug/l 99
25) Chloroform	7.36	83	146892	19.137	ug/l 100
26) Cyclohexane	7.64	56	131640	18.213	ug/l # 97
29) 1,1-Dichloropropene	7.78	75	108246	18.975	ug/l 99
30) 2-Butanone	6.82	43	209743	91.516	ug/l 100
31) 2,2-Dichloropropane	6.81	77	110887	20.947	ug/l 98
32) 1,1,1-Trichloroethane	7.56	97	124404	19.848	ug/l 97
33) Carbon Tetrachloride	7.76	117	106835	19.529	ug/l 96
34) Benzene	8.03	78	335932	18.690	ug/l 98
35) Methacrylonitrile	7.16	41	38226	16.701	ug/l 96
36) 1,2-Dichloroethane	8.11	62	109795	19.649	ug/l 98
37) Trichloroethene	8.83	130	92396	19.174	ug/l 95
38) Methylcyclohexane	9.07	83	133007	18.329	ug/l 98
39) 1,2-Dichloropropane	9.11	63	87460	18.229	ug/l 96
40) Dibromomethane	9.20	93	56357	19.148	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	107530	19.013	ug/l	98
42) Vinyl Acetate	5.88	43	932923	91.405	ug/l	99
43) Ethyl Acetate	6.92	43	85789	18.259	ug/l #	93
44) Isopropyl Acetate	8.16	43	154845	19.772	ug/l #	83
45) 1,4-Dioxane	9.19	88	27794	372.787	ug/l	92
46) Methyl methacrylate	9.19	41	69866	17.882	ug/l	99
47) n-amyl Acetate	12.07	43	111735	17.822	ug/l	99
48) t-1,3-Dichloropropene	10.37	75	111750	18.988	ug/l	98
49) cis-1,3-Dichloropropene	9.83	75	129032	18.814	ug/l	97
50) 1,1,2-Trichloroethane	10.55	97	81562	19.301	ug/l	95
51) Ethyl methacrylate	10.42	69	114503	18.733	ug/l	98
52) 1,3-Dichloropropane	10.70	76	134828	18.905	ug/l	98
53) Dibromochloromethane	10.90	129	83698	19.055	ug/l	100
54) 1,2-Dibromoethane	11.00	107	84102	19.508	ug/l	98
55) 2-Chloroethyl vinyl ether	9.69	63	188007	71.022	ug/l	98
56) Bromoform	12.12	173	58594	19.280	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	429365	88.932	ug/l	97
59) 2-Hexanone	10.75	43	295810	89.914	ug/l	98
61) Tetrachloroethene	10.63	164	91129	18.073	ug/l	99
62) Toluene	10.15	91	365085	18.658	ug/l	100
64) Chlorobenzene	11.43	112	224733	19.067	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.50	131	84785	18.992	ug/l	98
66) Ethyl Benzene	11.51	91	386639	18.751	ug/l	100
67) m/p-Xylenes	11.62	106	291530	37.916	ug/l	100
68) o-Xylene	11.94	106	145552	19.254	ug/l	98
69) Styrene	11.96	104	225121	18.377	ug/l	100
70) Isopropylbenzene	12.25	105	378146	18.998	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	103632	18.588	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	122477	24.968	ug/l	67
73) Bromobenzene	12.52	156	96764	18.839	ug/l	98
74) n-propylbenzene	12.59	91	396068	18.198	ug/l	98
75) 2-Chlorotoluene	12.67	91	244295	18.514	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	323499	19.305	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	27115	17.606	ug/l	97
78) 4-Chlorotoluene	12.77	91	218282	17.403	ug/l	98
79) tert-butylbenzene	12.99	119	281160	19.444	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	299638	18.343	ug/l	97
81) sec-Butylbenzene	13.17	105	349827	18.530	ug/l	99
82) p-Isopropyltoluene	13.29	119	310019	18.285	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	135614	16.769	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	123644	16.170	ug/l	99
85) n-Butylbenzene	13.61	91	219397	16.479	ug/l	98
86) Hexachloroethane	13.87	117	52432	18.478	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	135600	16.881	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	13983	16.212	ug/l	94
89) 1,2,4-Trichlorobenzene	14.91	180	43906	15.950	ug/l	98
90) Hexachlorobutadiene	15.00	225	53632	18.164	ug/l	98
91) Naphthalene	15.12	128	111005	15.498	ug/l	100
92) 1,2,3-Trichlorobenzene	15.29	180	53263	12.543	ug/l	97

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QLast Update : Wed Jul 24 04:19:57 2019
Response via : Initial Calibration

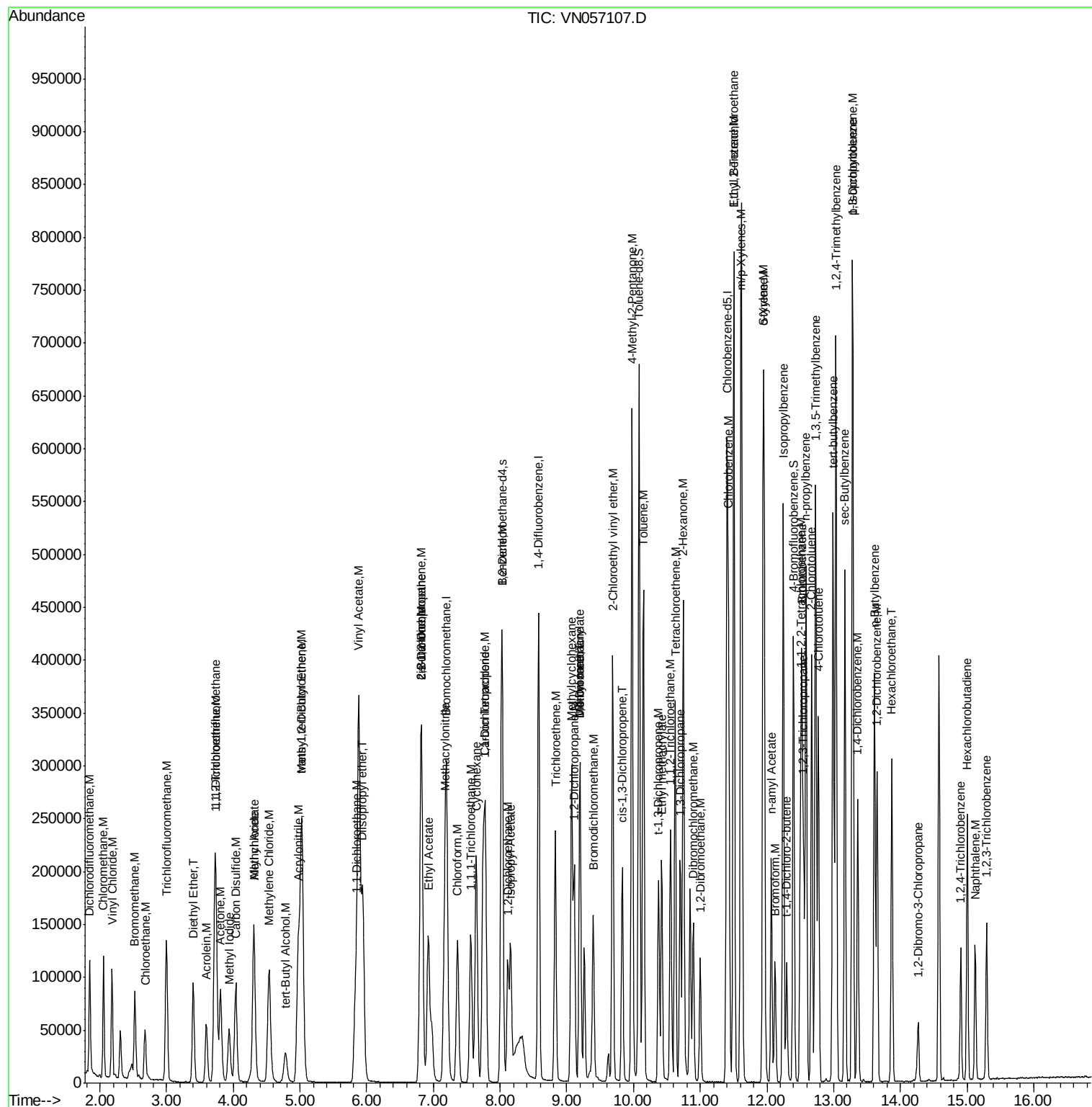
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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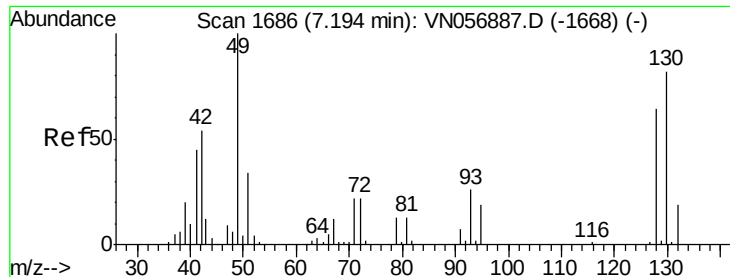
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN080619\
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Sample : VN0806WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Aug 07 02:17:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N072419W.M
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

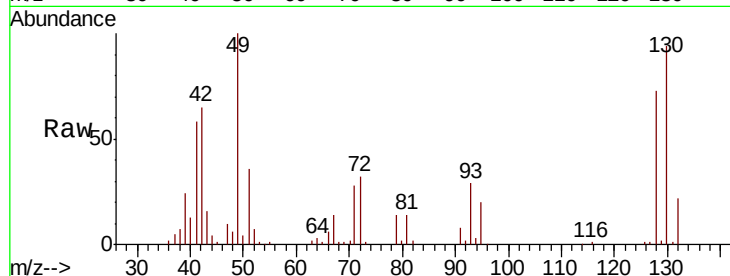
Tgt Ion:128 Resp: 74643

Ion Ratio Lower Upper

128 100

49 144.1 0.0 385.8

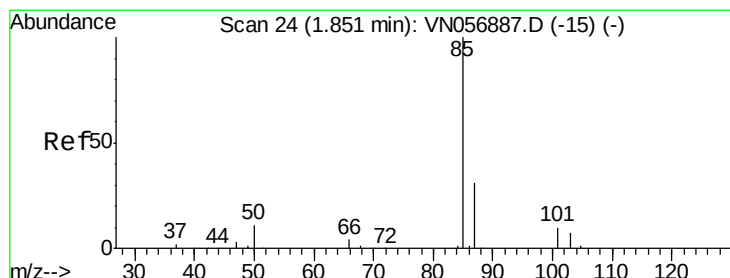
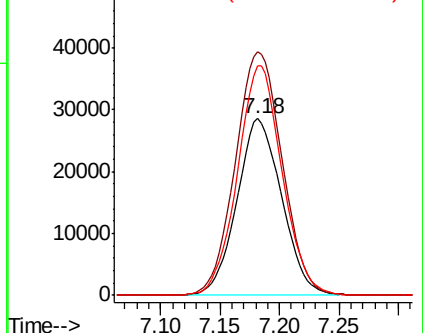
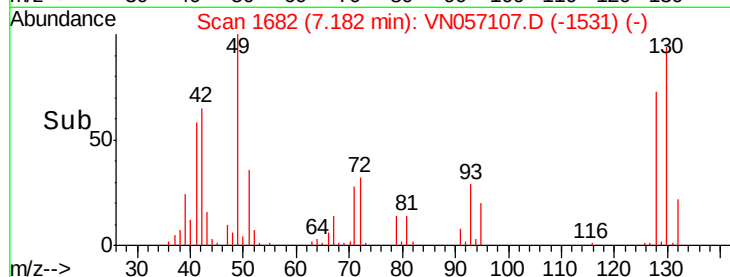
130 129.5 0.0 322.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.952 ug/l

RT: 1.84 min Scan# 22

Delta R.T. -0.01 min

Lab File: VN057107.D

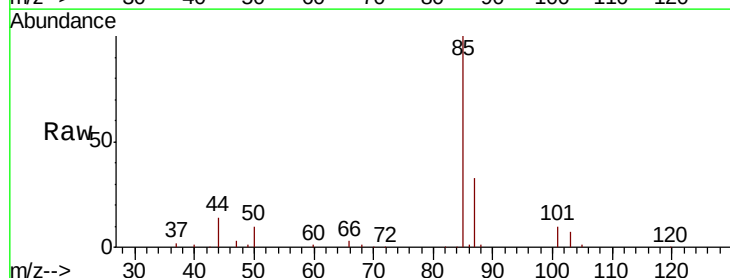
Acq: 6 Aug 2019 16:49

Tgt Ion: 85 Resp: 89040

Ion Ratio Lower Upper

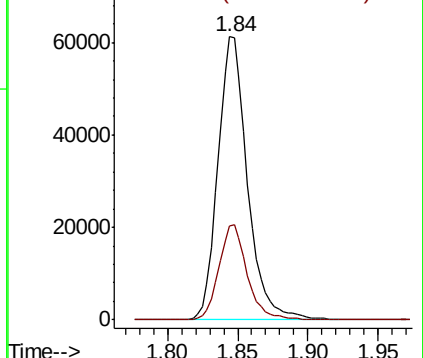
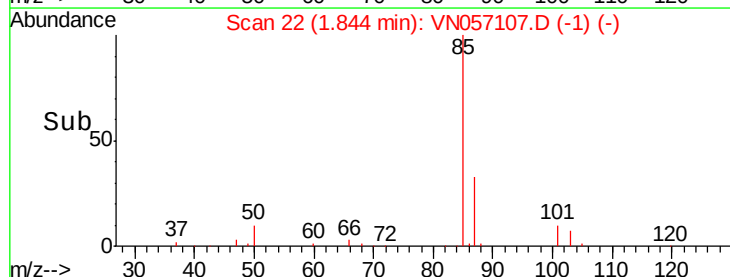
85 100

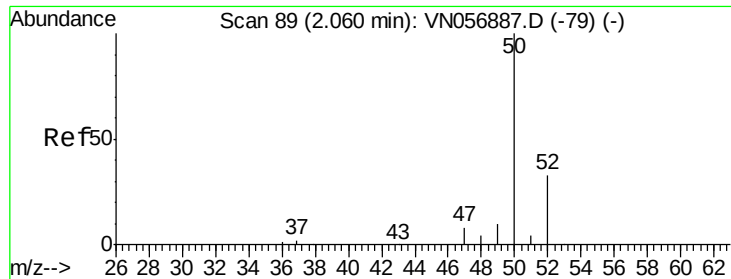
87 33.2 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 18.450 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

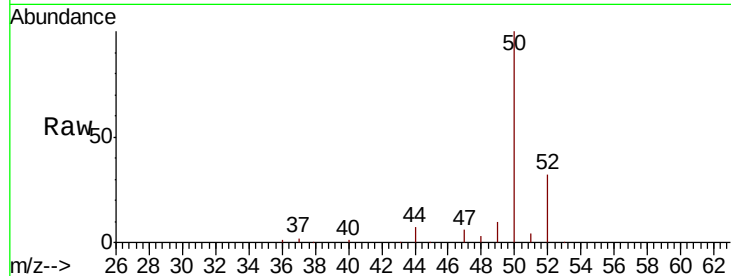
VN0806WBSD02

Tgt Ion: 50 Resp: 100473

Ion Ratio Lower Upper

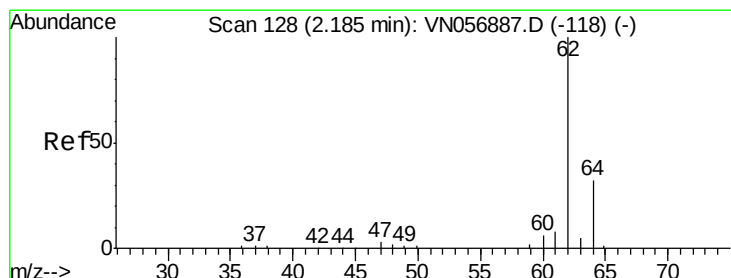
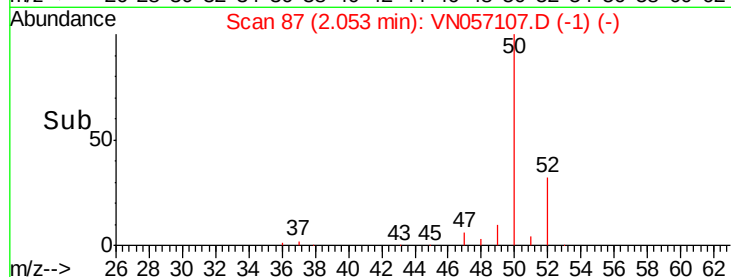
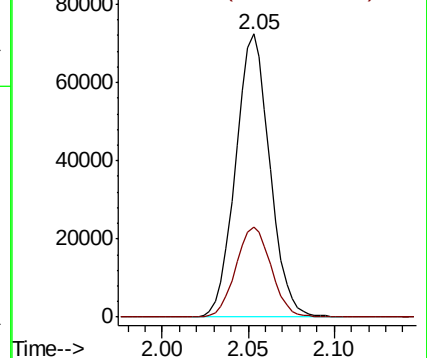
50 100

52 32.0 26.2 39.2



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 17.858 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.01 min

Lab File: VN057107.D

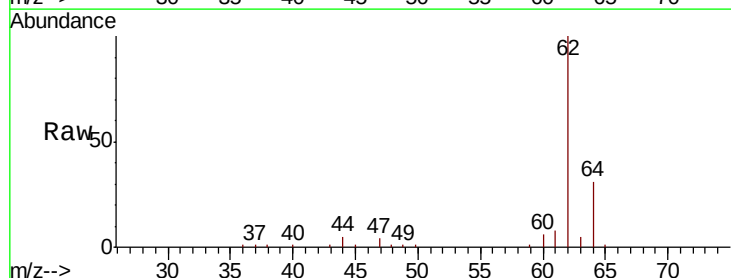
Acq: 6 Aug 2019 16:49

Tgt Ion: 62 Resp: 93764

Ion Ratio Lower Upper

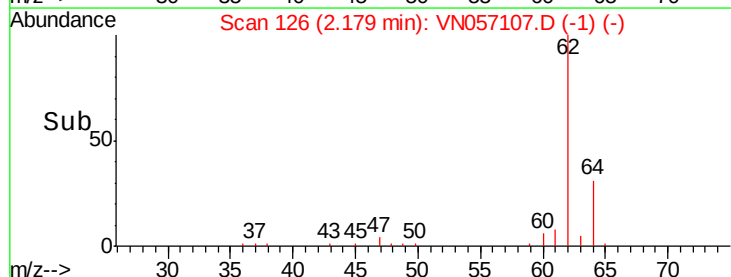
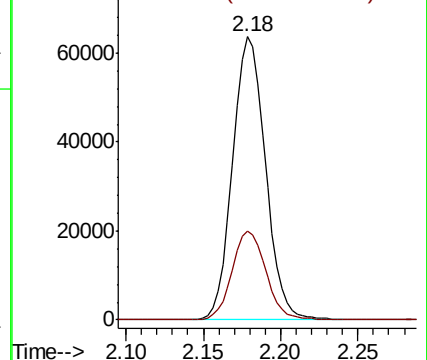
62 100

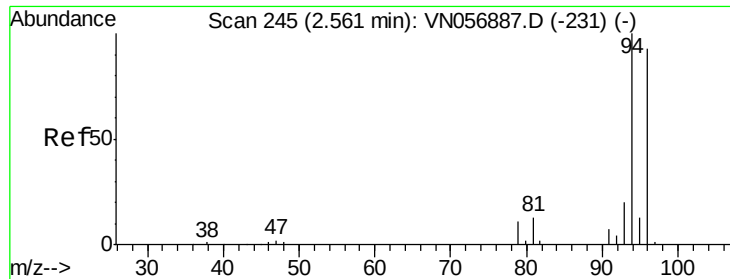
64 31.4 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

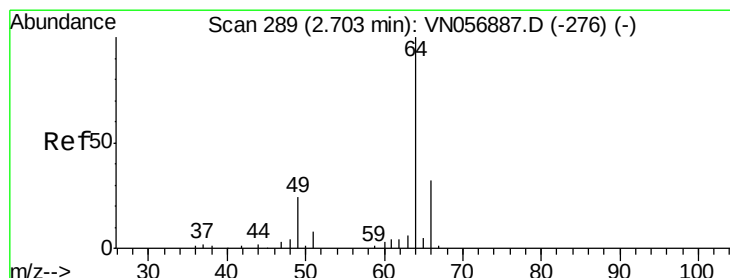
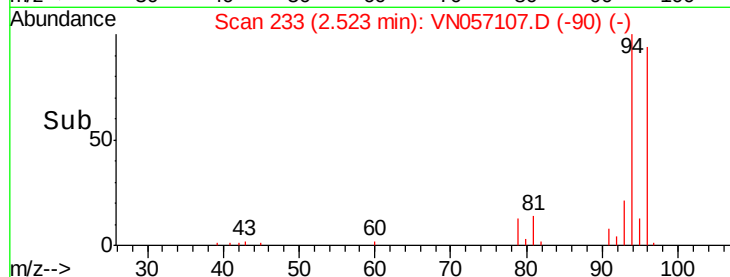
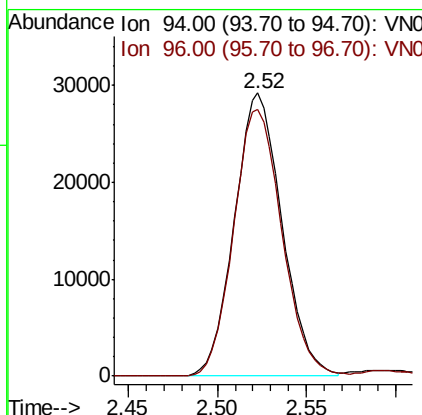
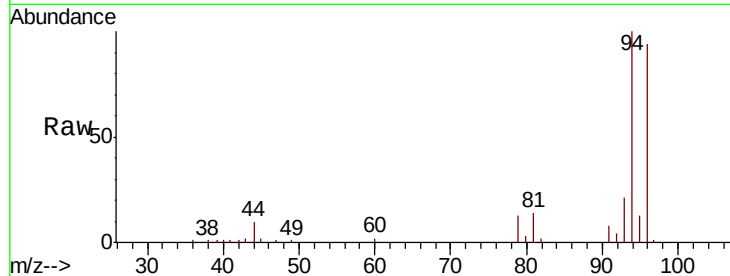




#5
 Bromomethane
 Concen: 16.815 ug/l
 RT: 2.52 min Scan# 233
 Delta R.T. -0.04 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

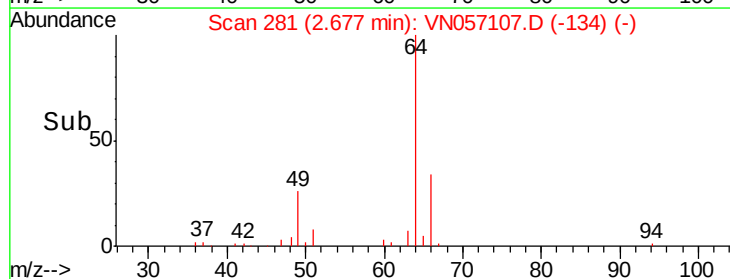
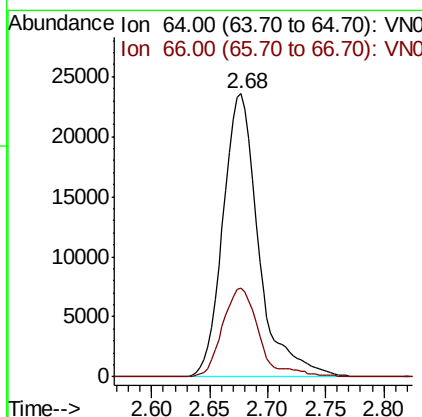
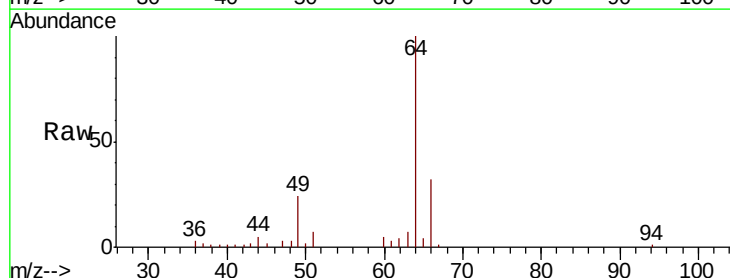
Instrument :
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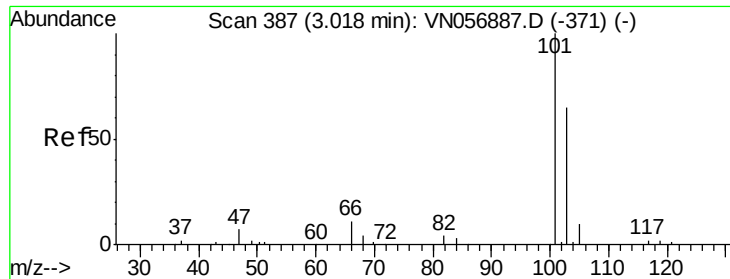
Tgt Ion: 94 Resp: 54206
 Ion Ratio Lower Upper
 94 100
 96 94.1 74.7 112.1



#6
 Chloroethane
 Concen: 17.264 ug/l
 RT: 2.68 min Scan# 281
 Delta R.T. -0.03 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 64 Resp: 50279
 Ion Ratio Lower Upper
 64 100
 66 31.6 25.8 38.8



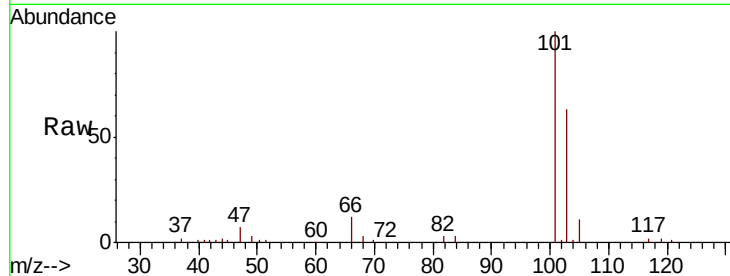


#7

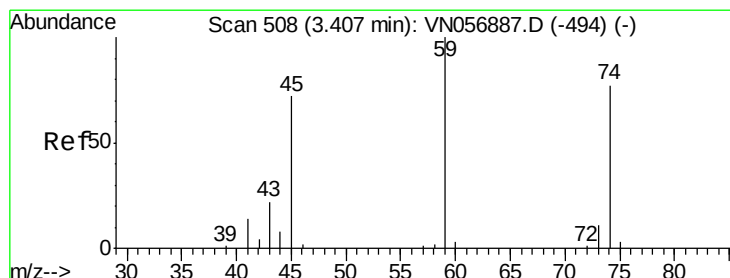
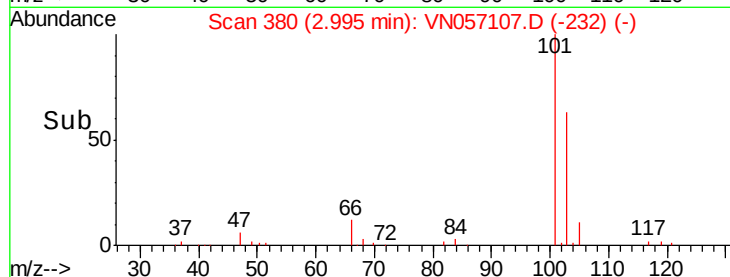
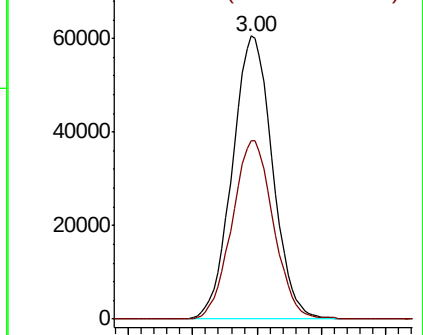
Trichlorofluoromethane
 Concen: 20.478 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

Tgt Ion: 101 Resp: 130939
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.2 78.4



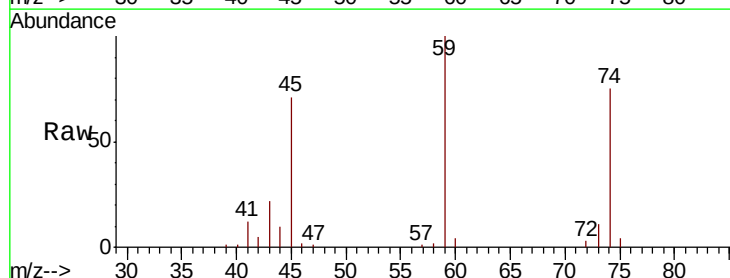
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



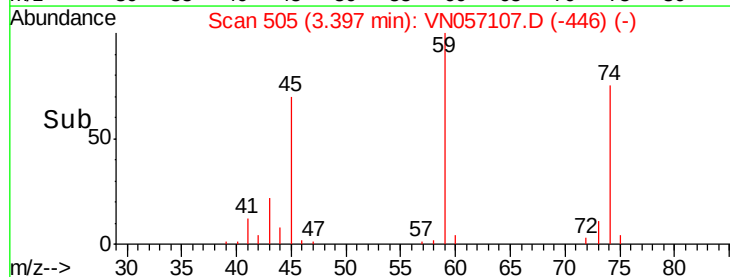
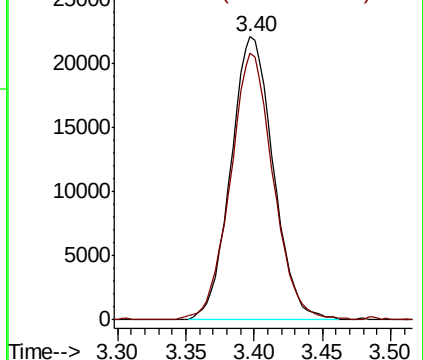
#8

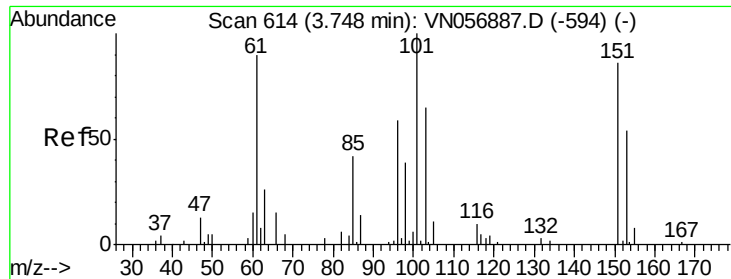
Diethyl Ether
 Concen: 20.096 ug/l
 RT: 3.40 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 74 Resp: 47879
 Ion Ratio Lower Upper
 74 100
 45 95.1 19.5 175.7



Abundance Ion 74.00 (73.70 to 74.70): VN0
 Ion 45.00 (44.70 to 45.70): VN0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.274 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

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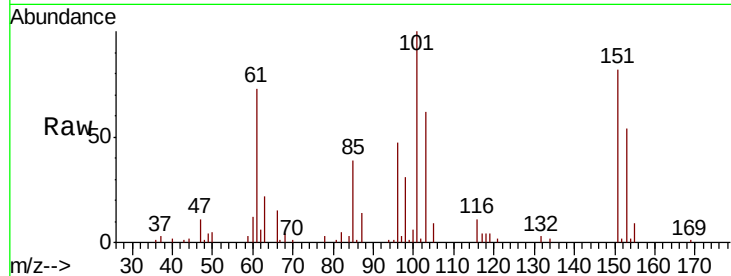
Tgt Ion: 101 Resp: 77396

Ion Ratio Lower Upper

101 100

85 41.4 0.0 85.0

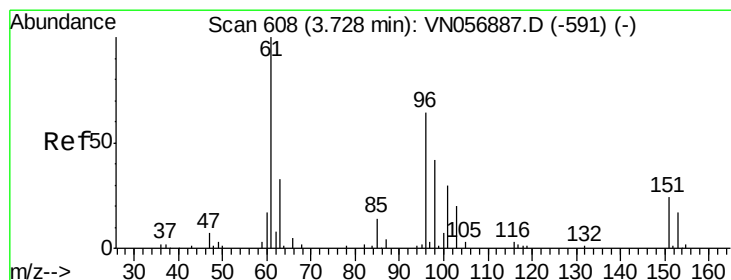
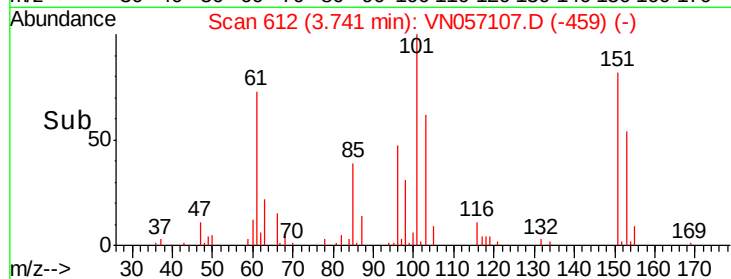
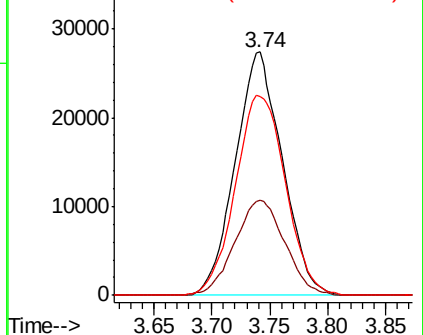
151 87.6 0.0 167.2



Abundance Ion 101.00 (100.70 to 101.70): VN057107.D (-459) (-)

Ion 85.00 (84.70 to 85.70): VN057107.D (-459) (-)

Ion 151.00 (150.70 to 151.70): VN057107.D (-459) (-)



#10

1,1-Dichloroethene

Concen: 18.890 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

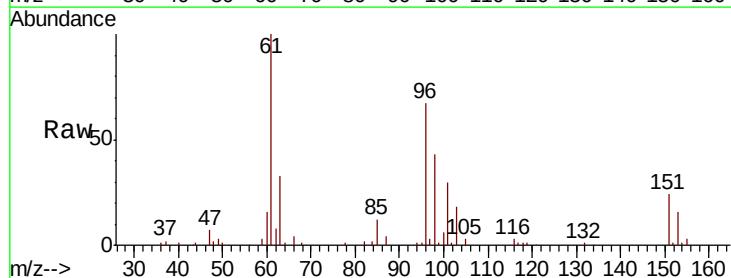
Tgt Ion: 96 Resp: 75276

Ion Ratio Lower Upper

96 100

61 148.0 125.8 188.8

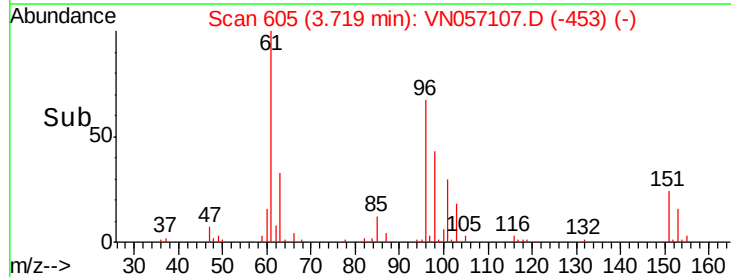
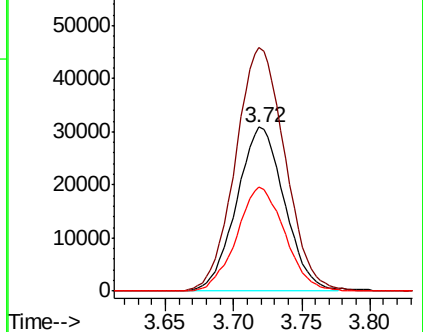
98 63.6 52.7 79.1

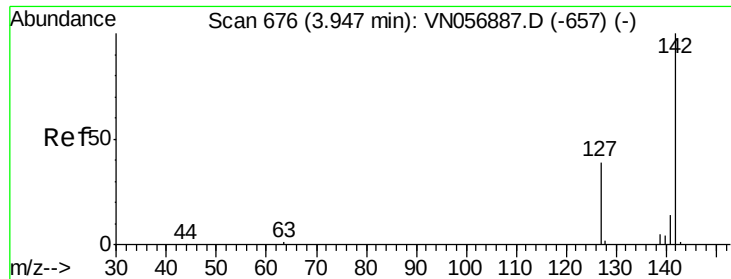


Abundance Ion 96.00 (95.70 to 96.70): VN057107.D (-453) (-)

Ion 61.00 (60.70 to 61.70): VN057107.D (-453) (-)

Ion 98.00 (97.70 to 98.70): VN057107.D (-453) (-)

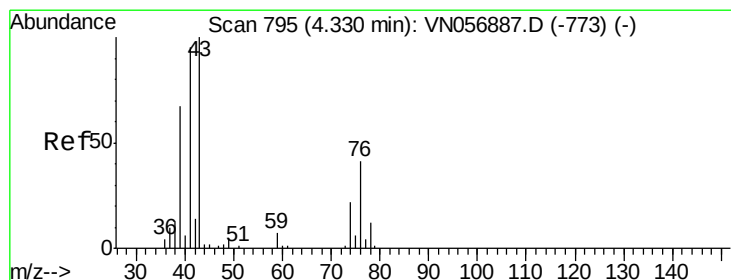
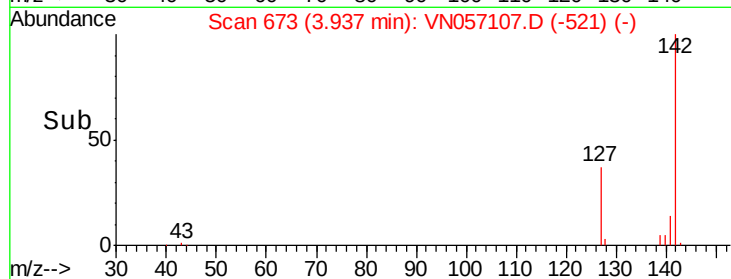
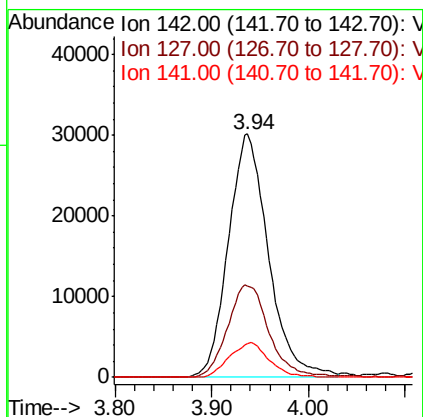
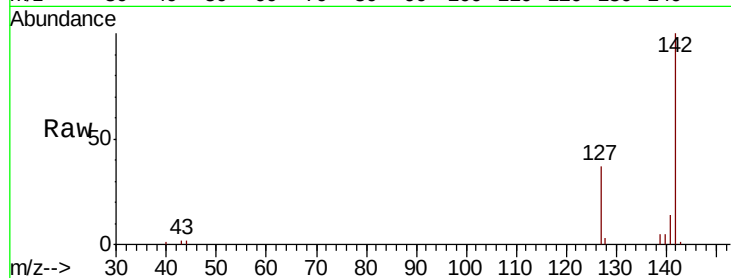




#11
Methyl Iodide
Concen: 14.747 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.01 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

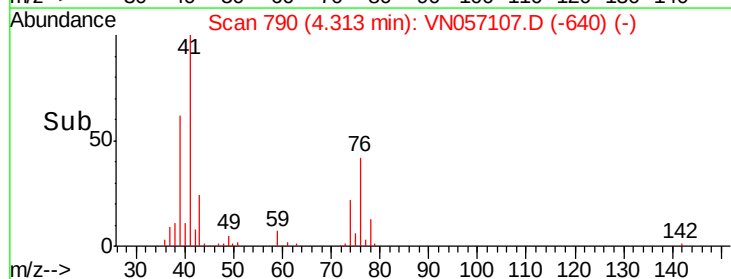
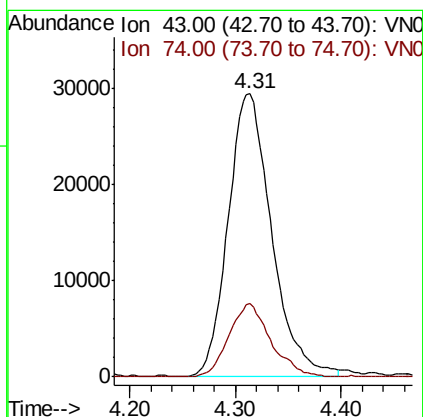
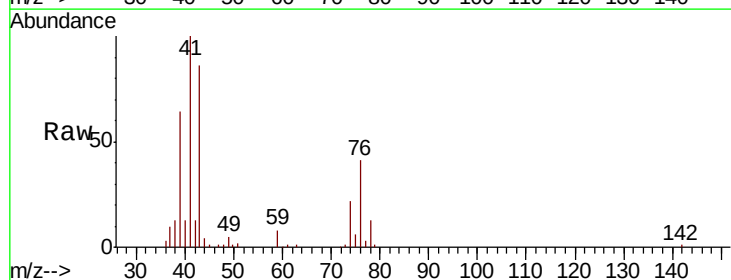
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

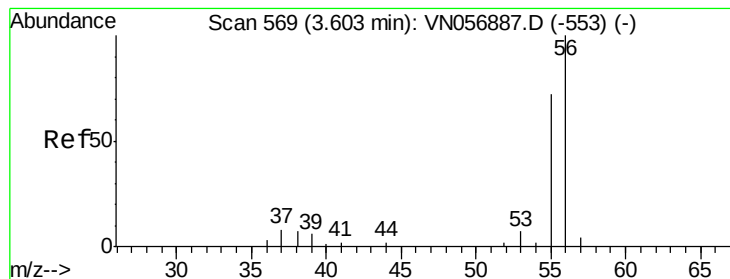
Tgt Ion:142 Resp: 86942
Ion Ratio Lower Upper
142 100
127 37.3 19.6 58.8
141 13.9 7.2 21.6



#12
Methyl Acetate
Concen: 17.373 ug/l
RT: 4.31 min Scan# 790
Delta R.T. -0.02 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Tgt Ion: 43 Resp: 84725
Ion Ratio Lower Upper
43 100
74 26.2 18.1 27.1





#13

Acrolein

Concen: 115.705 ug/l

RT: 3.59 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

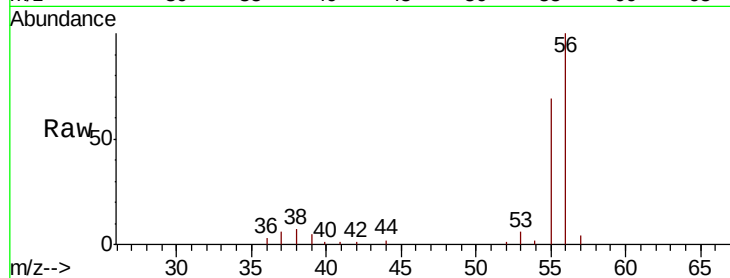
VN0806WBSD02

Tgt Ion: 56 Resp: 63862

Ion Ratio Lower Upper

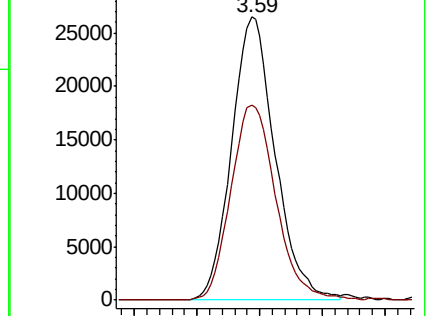
56 100

55 71.3 58.5 87.7

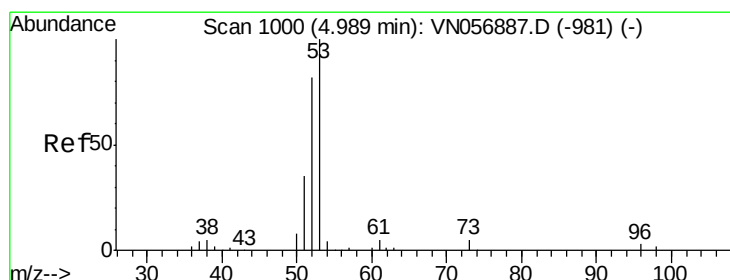
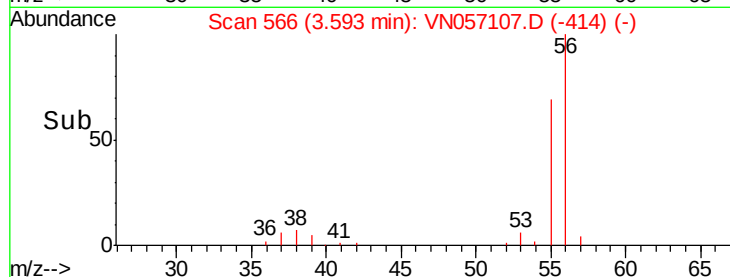


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#14

Acrylonitrile

Concen: 91.310 ug/l

RT: 4.97 min Scan# 995

Delta R.T. -0.02 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

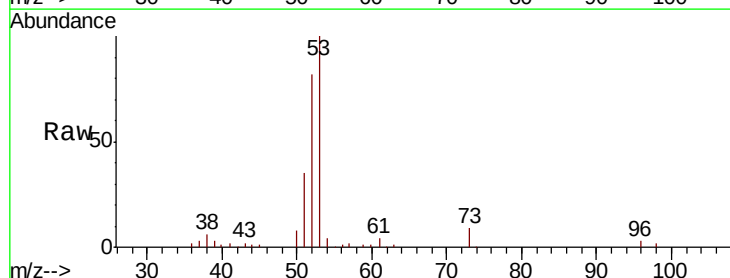
Tgt Ion: 53 Resp: 171737

Ion Ratio Lower Upper

53 100

52 81.1 40.8 122.5

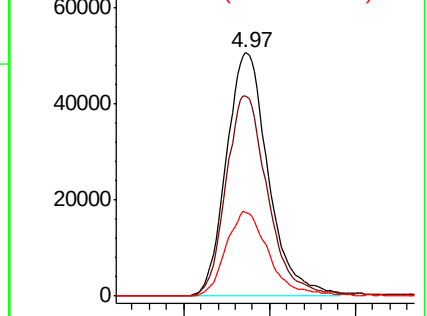
51 35.1 17.4 52.2



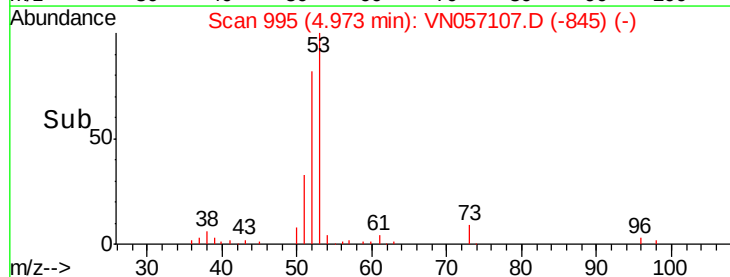
Abundance Ion 53.00 (52.70 to 53.70): VN0

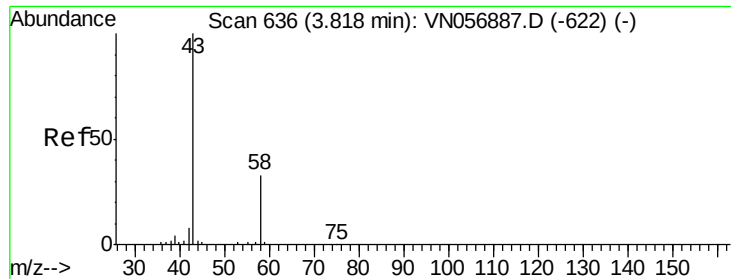
Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



Time-->





#15

Acetone

Concen: 102.032 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

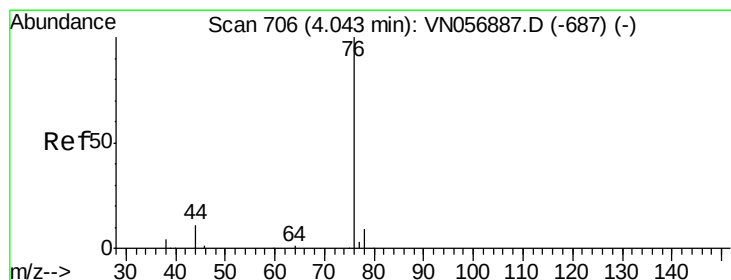
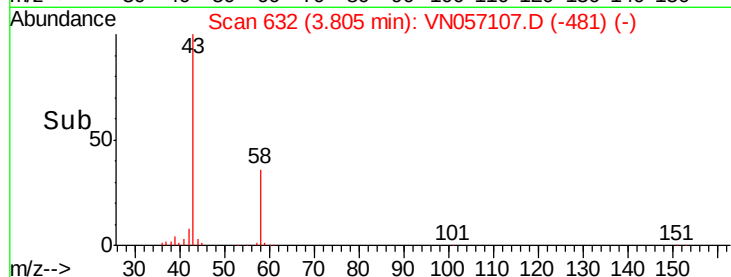
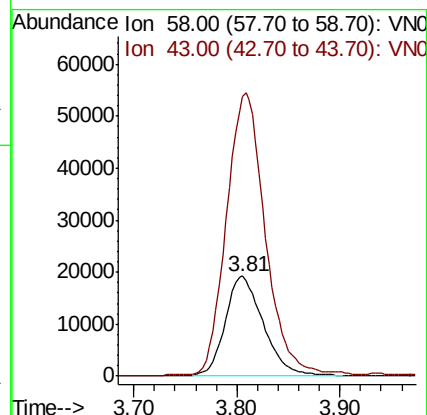
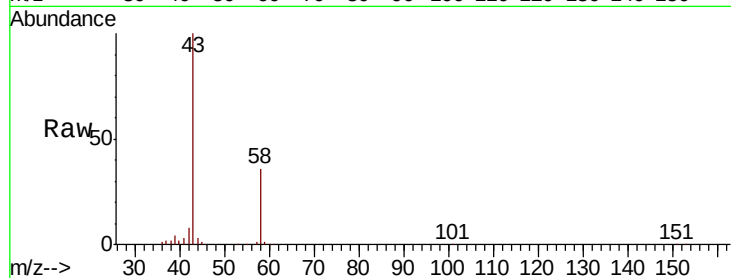
VN0806WBSD02

Tgt Ion: 58 Resp: 49613

Ion Ratio Lower Upper

58 100

43 277.6 242.4 363.6



#16

Carbon Disulfide

Concen: 17.608 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN057107.D

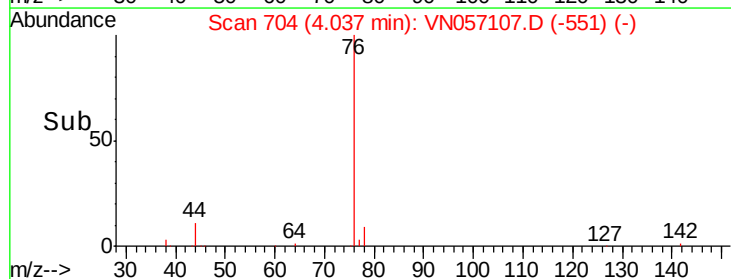
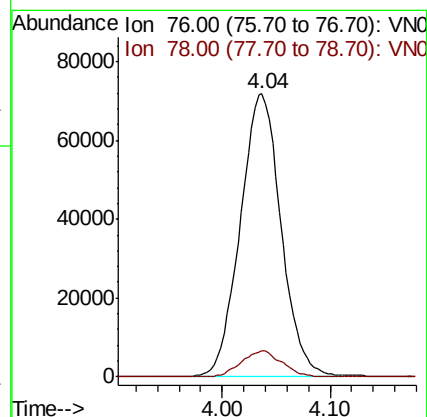
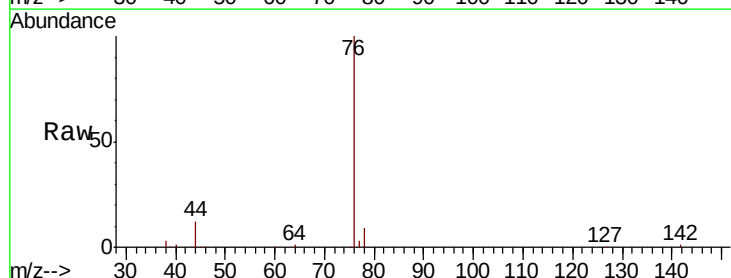
Acq: 6 Aug 2019 16:49

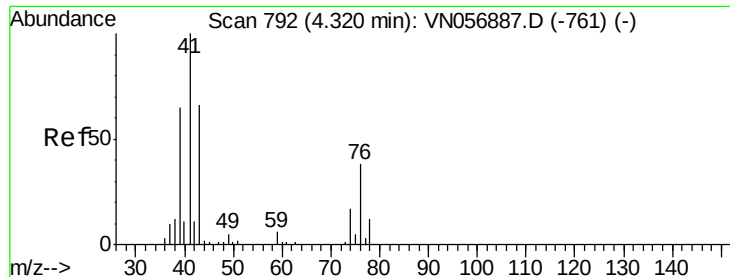
Tgt Ion: 76 Resp: 189200

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





#17

Allyl chloride

Concen: 16.954 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleID :

VN0806WBSD02

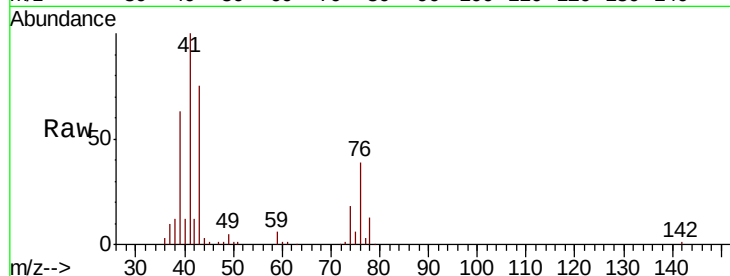
Tgt Ion: 41 Resp: 113054

Ion Ratio Lower Upper

41 100

39 63.1 32.4 97.0

76 38.9 19.0 57.0

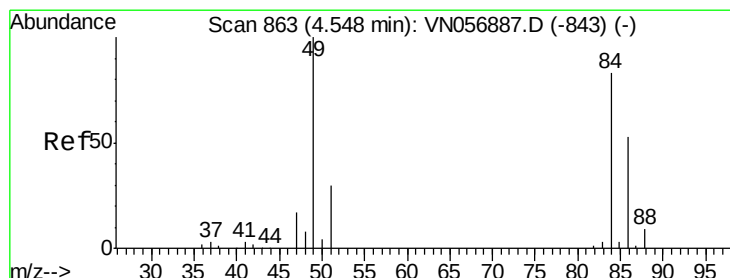
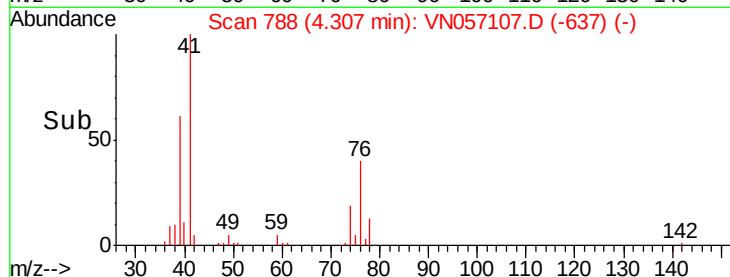
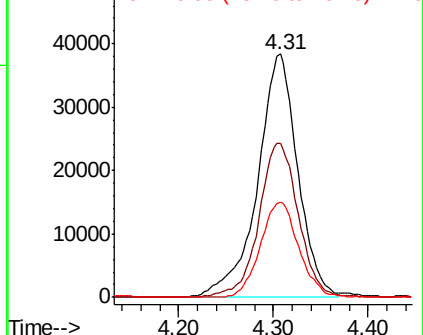


Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 76.00 (75.70 to 76.70): VN0



#18

Methylene Chloride

Concen: 19.305 ug/l

RT: 4.54 min Scan# 859

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Tgt Ion: 84 Resp: 89538

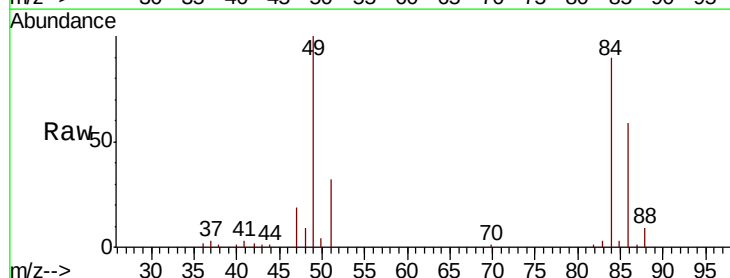
Ion Ratio Lower Upper

84 100

49 110.2 96.3 144.5

51 35.3 28.8 43.2

86 65.3 50.9 76.3



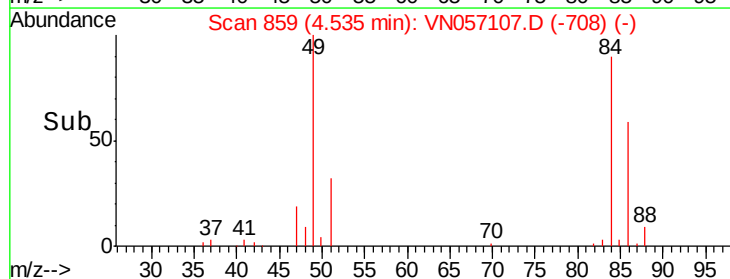
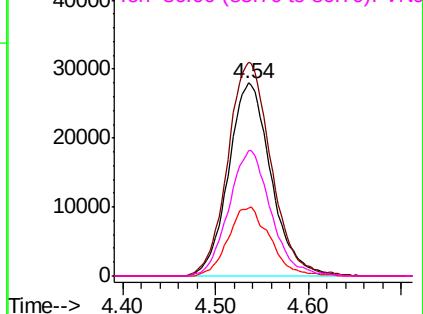
Abundance

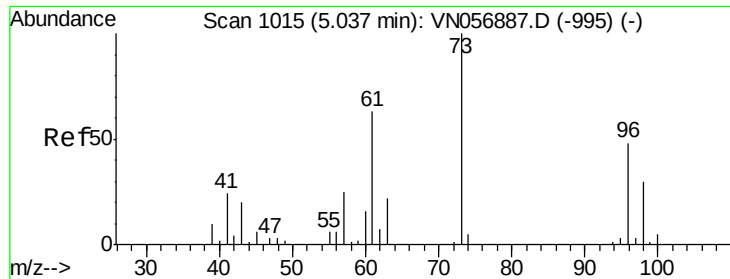
Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

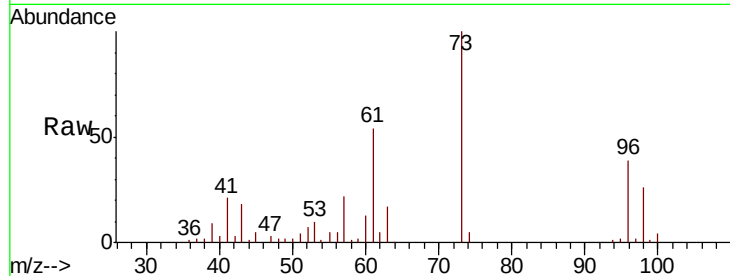




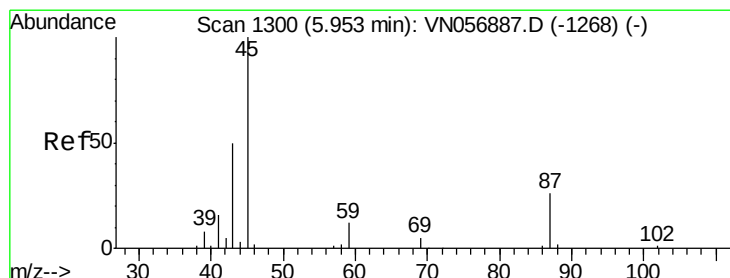
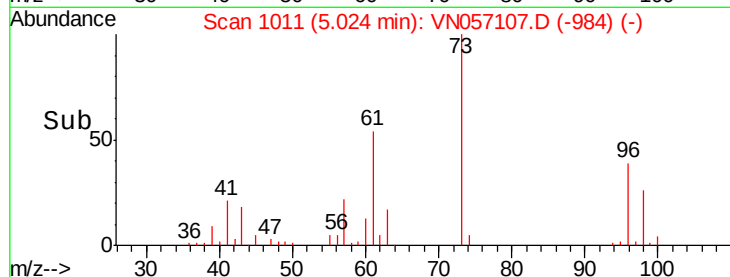
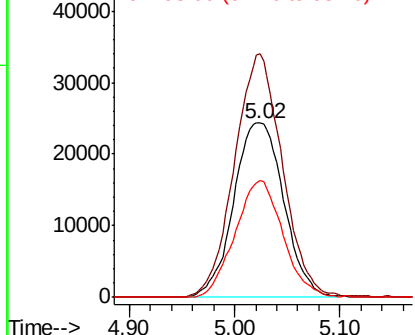
#19
trans-1,2-Dichloroethene
Concen: 19.036 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

Tgt Ion: 96 Resp: 80282
Ion Ratio Lower Upper
96 100
61 139.1 105.4 158.0
98 67.2 50.8 76.2

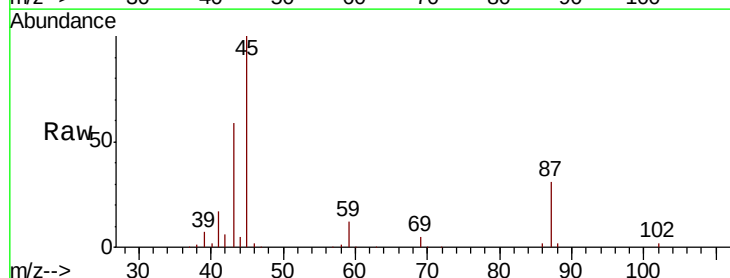


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

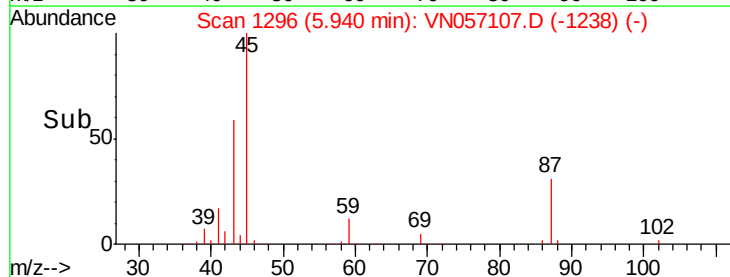
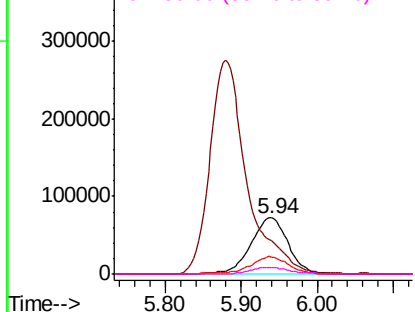


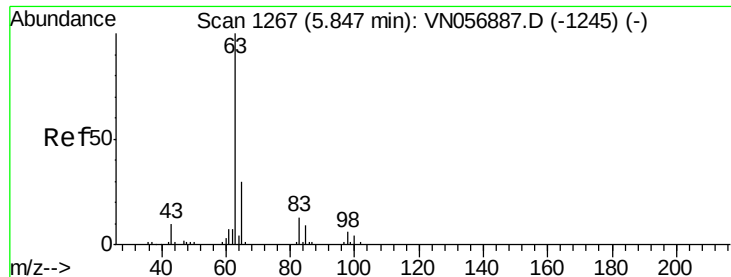
#20
Diisopropyl ether
Concen: 18.127 ug/l
RT: 5.94 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Tgt Ion: 45 Resp: 245424
Ion Ratio Lower Upper
45 100
43 57.5 47.4 71.0
87 30.8 21.7 32.5
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

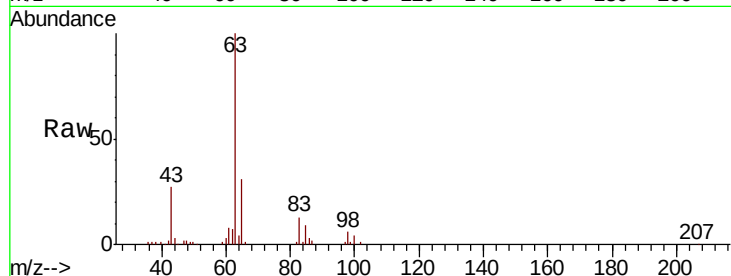




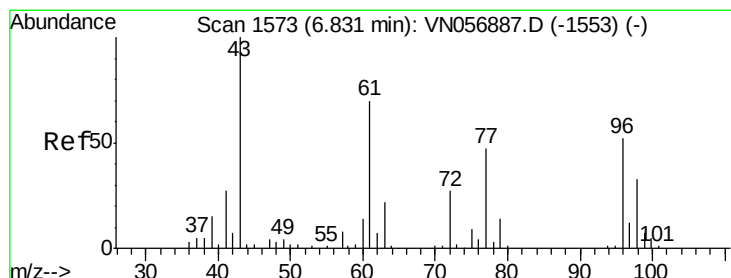
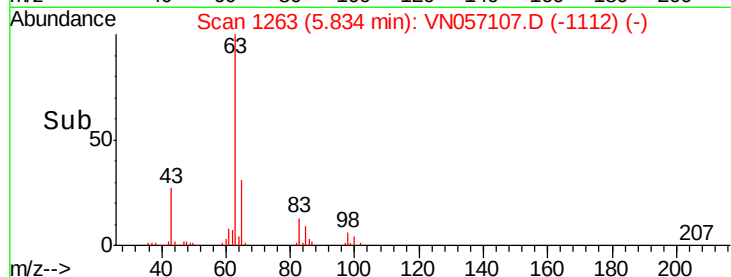
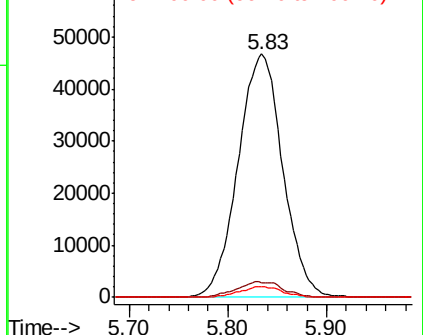
#21
 1,1-Dichloroethane
 Concen: 18.585 ug/l
 RT: 5.83 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

Tgt Ion: 63 Resp: 146228
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.3
 100 4.4 1.8 5.5

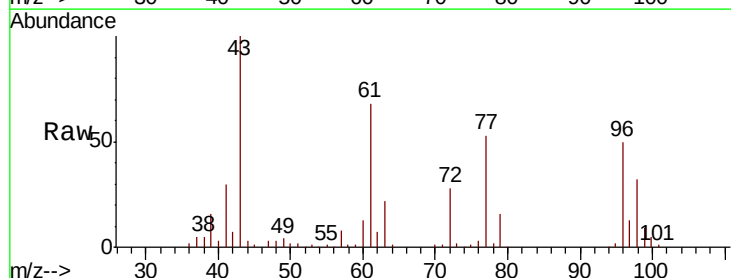


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

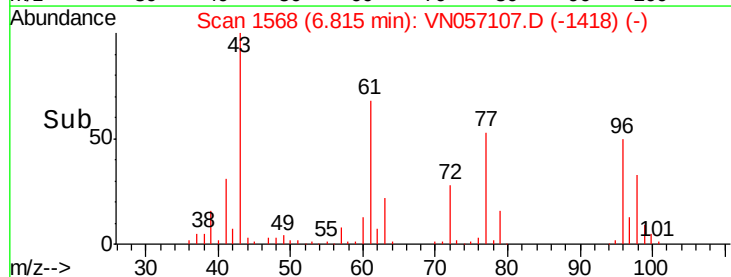
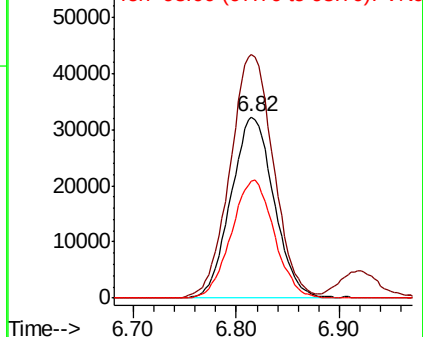


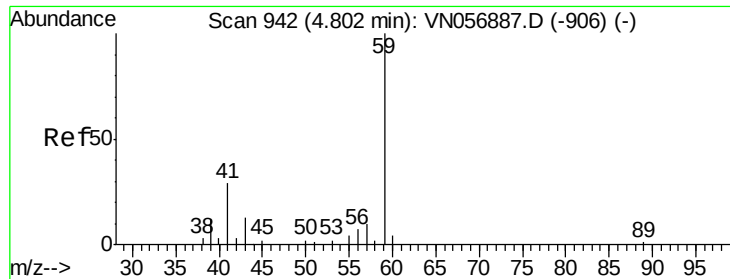
#22
 cis-1,2-Dichloroethene
 Concen: 19.128 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 96 Resp: 93495
 Ion Ratio Lower Upper
 96 100
 61 136.1 111.6 167.4
 98 64.9 51.0 76.4



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



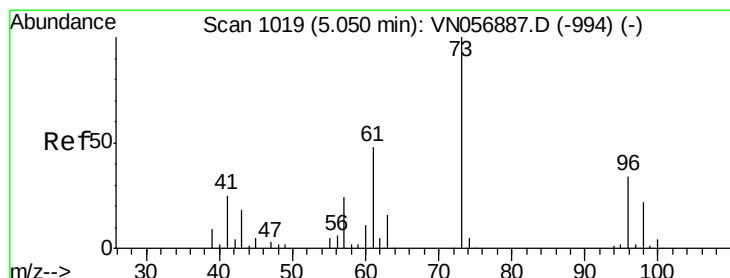
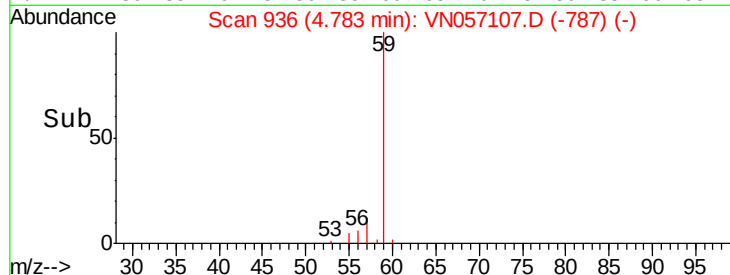
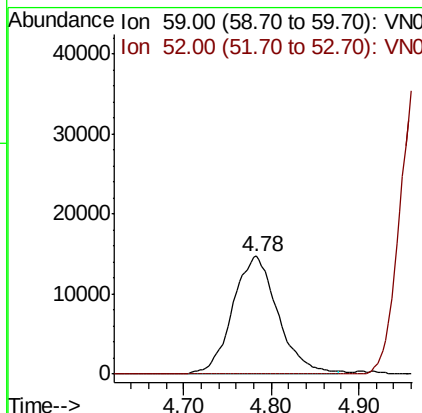
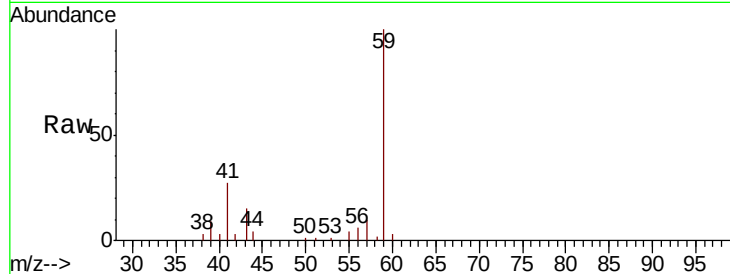


#23

tert-Butyl Alcohol
 Concen: 84.387 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.02 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

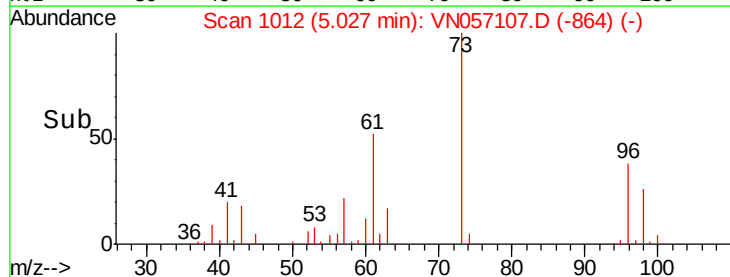
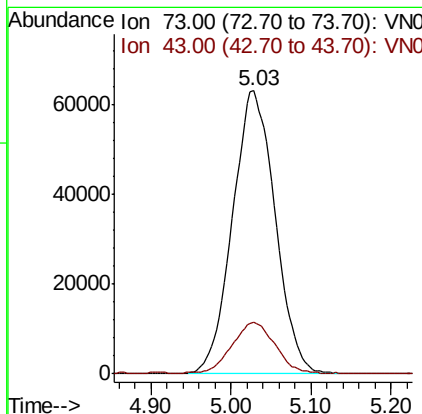
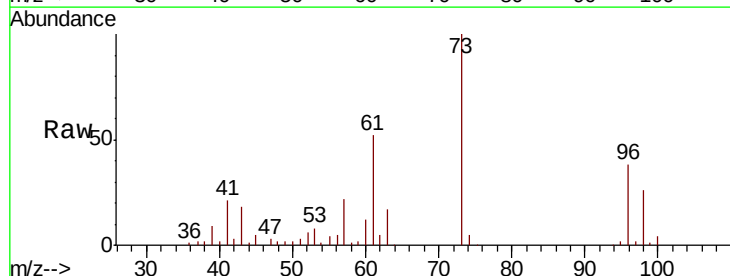
Tgt Ion: 59 Resp: 52966
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

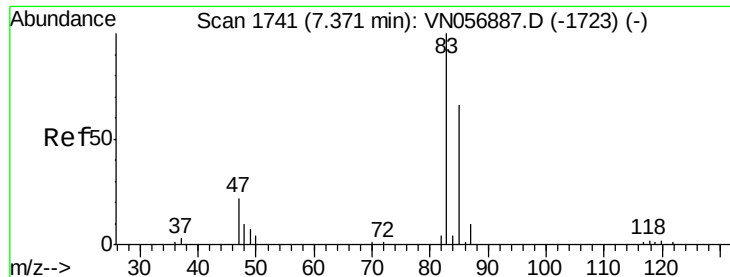


#24

Methyl tert-Butyl Ether
 Concen: 18.971 ug/l
 RT: 5.03 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 73 Resp: 228557
 Ion Ratio Lower Upper
 73 100
 43 18.5 15.4 23.0

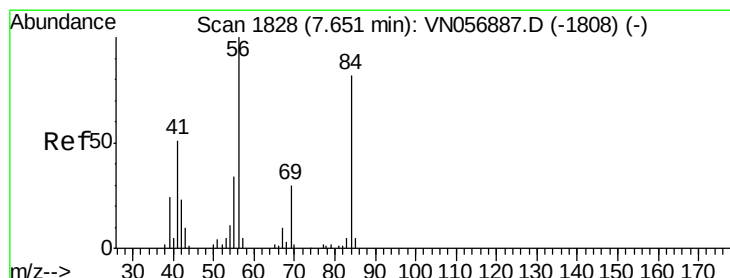
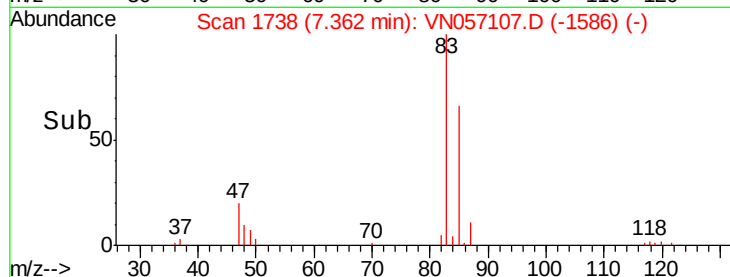
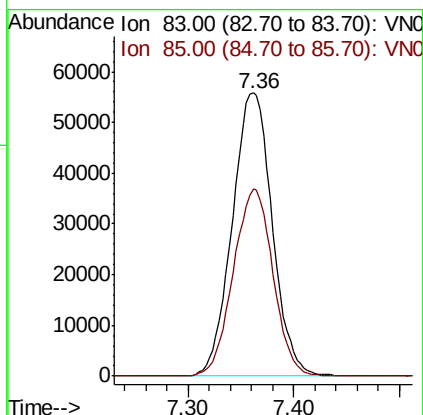
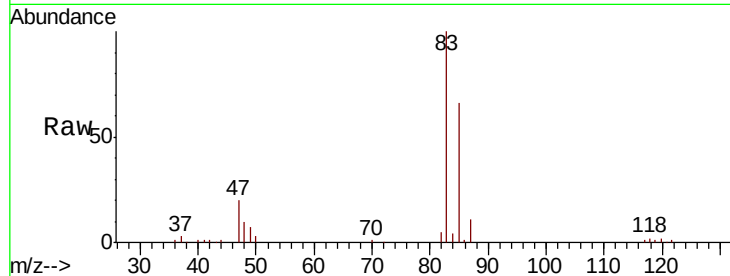




#25
Chloroform
Concen: 19.137 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

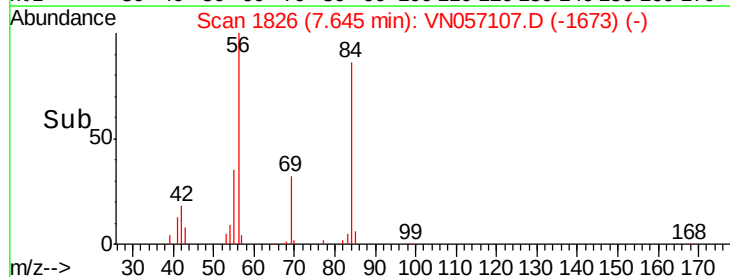
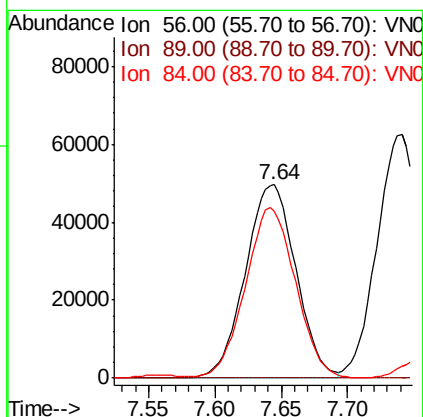
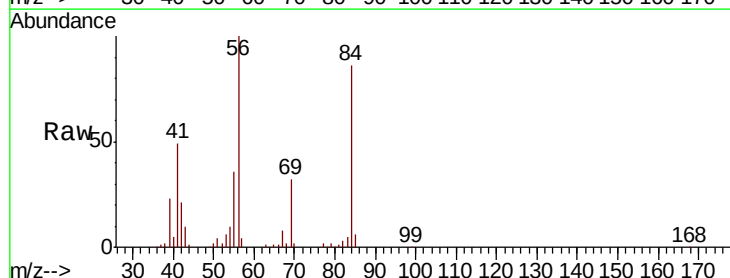
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

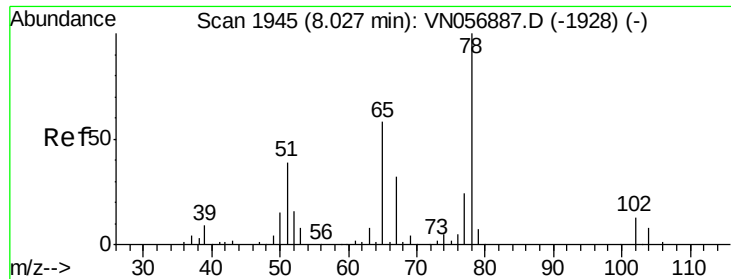
Tgt Ion: 83 Resp: 146892
Ion Ratio Lower Upper
83 100
85 66.4 53.1 79.7



#26
Cyclohexane
Concen: 18.213 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.01 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Tgt Ion: 56 Resp: 131640
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.6 67.8 101.6

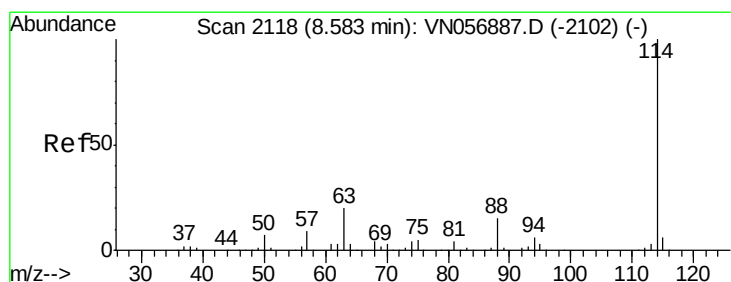
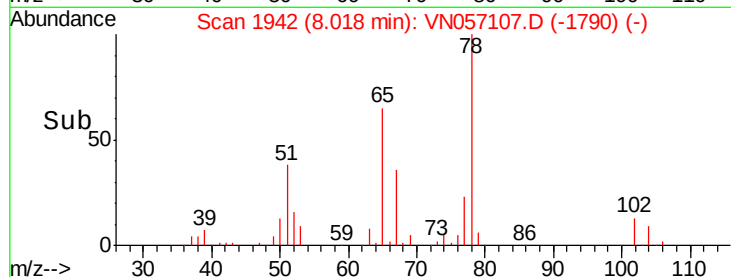
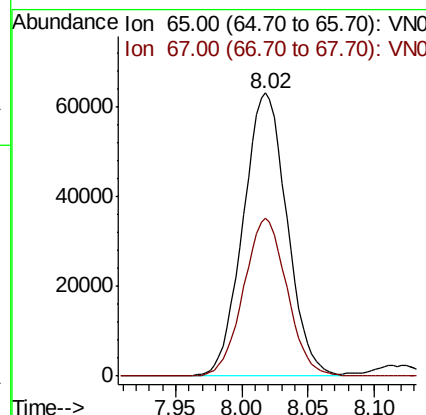
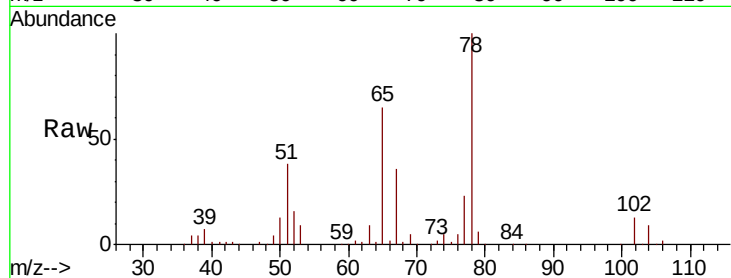




#27
 1,2-Dichloroethane-d4
 Concen: 29.824 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

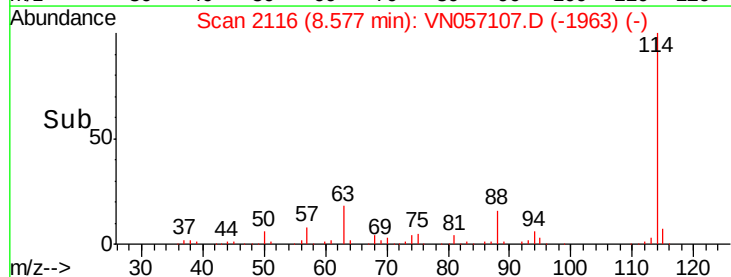
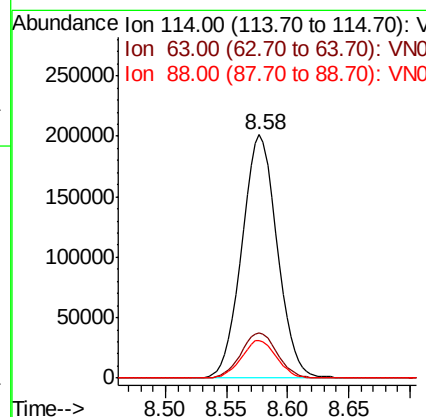
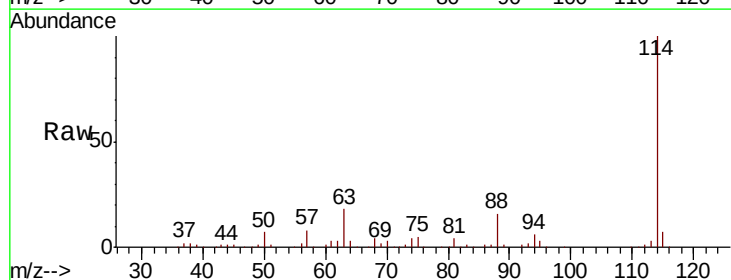
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

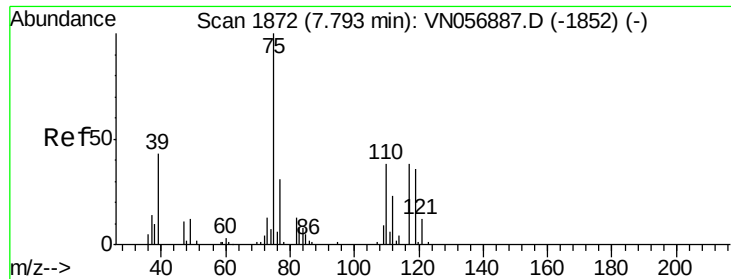
Tgt Ion: 65 Resp: 145688
 Ion Ratio Lower Upper
 65 100
 67 55.1 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 114 Resp: 401986
 Ion Ratio Lower Upper
 114 100
 63 19.0 15.8 23.6
 88 15.4 12.5 18.7

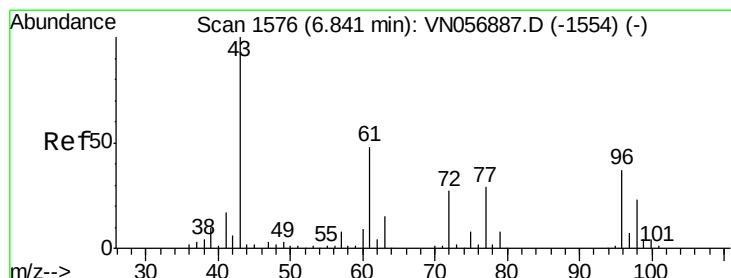
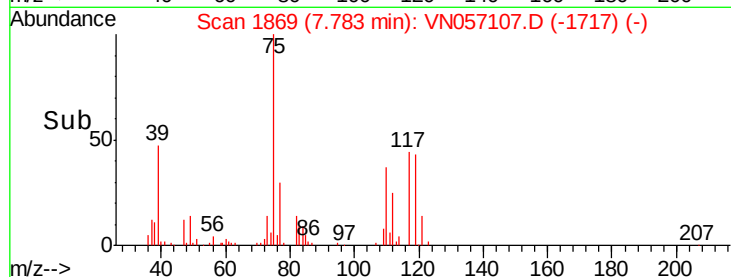
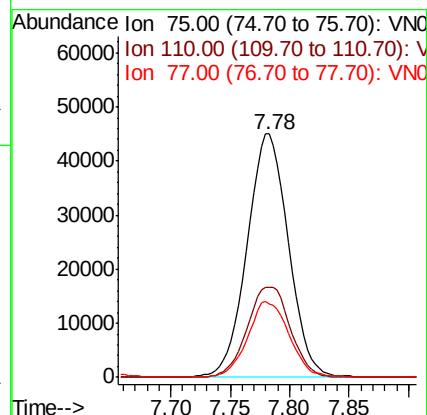
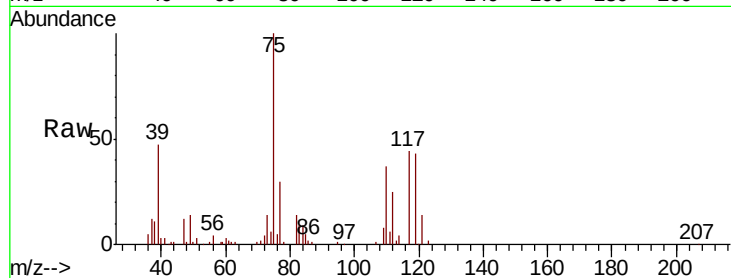




#29
 1,1-Dichloropropene
 Concen: 18.975 ug/l
 RT: 7.78 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

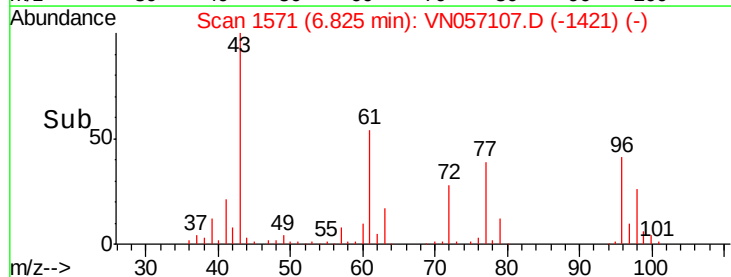
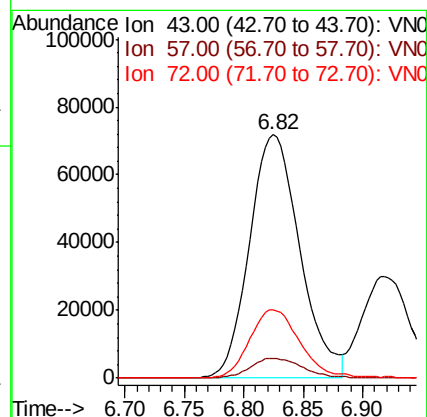
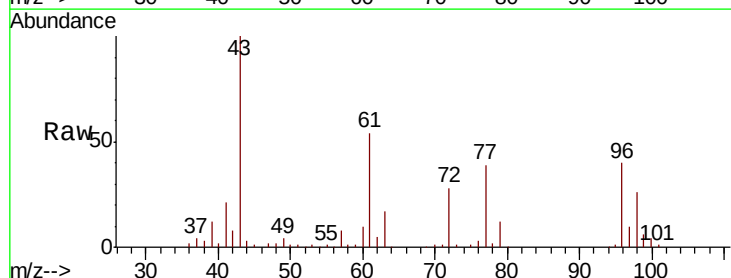
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

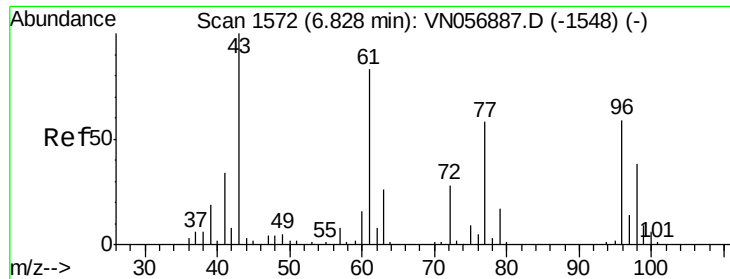
Tgt Ion: 75 Resp: 108246
 Ion Ratio Lower Upper
 75 100
 110 38.7 0.0 75.8
 77 31.5 0.0 64.0



#30
 2-Butanone
 Concen: 91.516 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 43 Resp: 209743
 Ion Ratio Lower Upper
 43 100
 57 8.5 6.5 9.7
 72 27.5 22.1 33.1

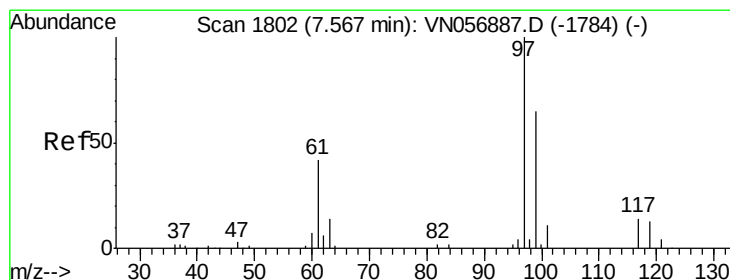
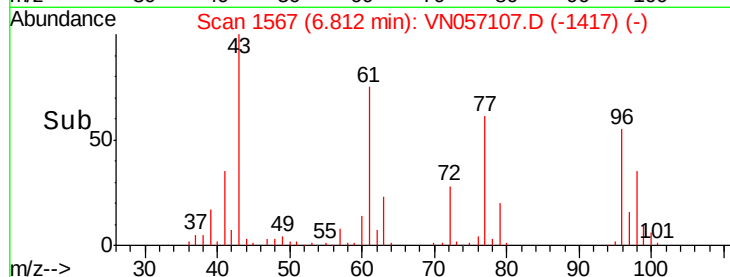
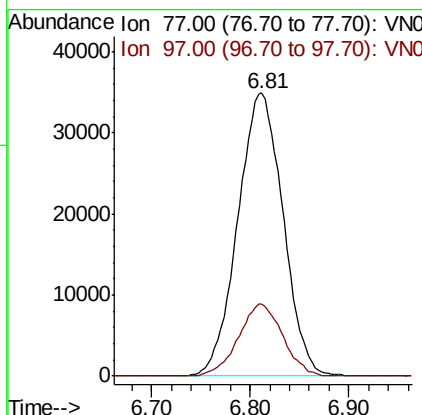
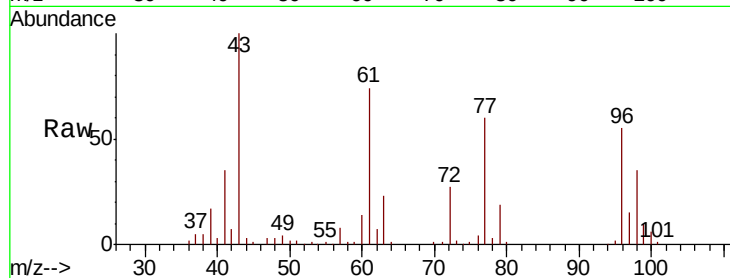




#31
 2,2-Dichloropropane
 Concen: 20.947 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

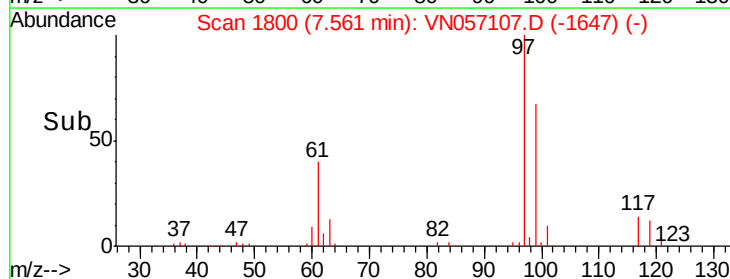
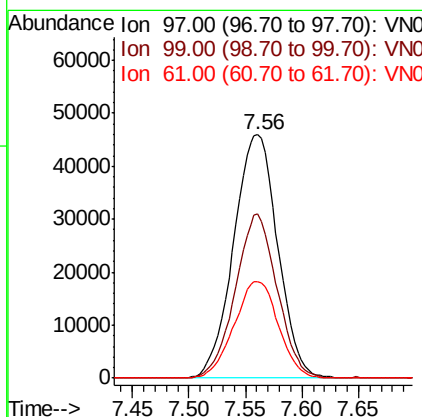
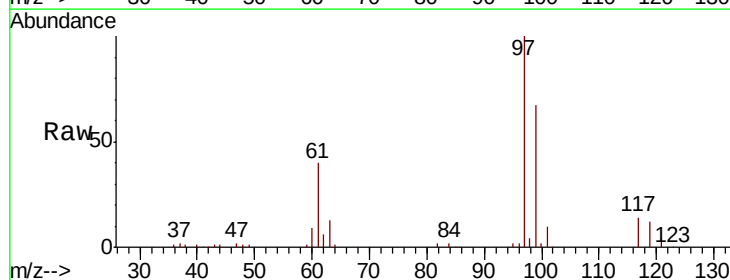
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

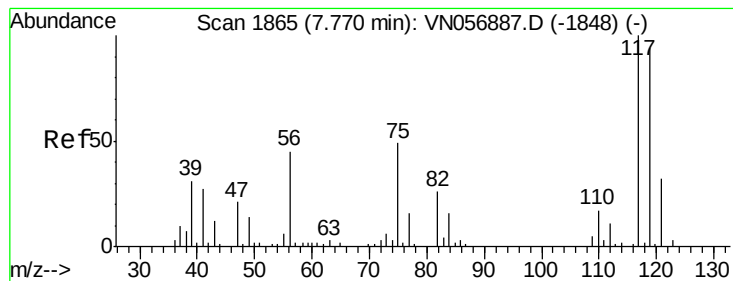
Tgt Ion: 77 Resp: 110887
 Ion Ratio Lower Upper
 77 100
 97 24.8 19.3 28.9



#32
 1,1,1-Trichloroethane
 Concen: 19.848 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 97 Resp: 124404
 Ion Ratio Lower Upper
 97 100
 99 63.8 52.3 78.5
 61 39.9 34.4 51.6





#33

Carbon Tetrachloride

Concen: 19.529 ug/l

RT: 7.76 min Scan# 1862

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

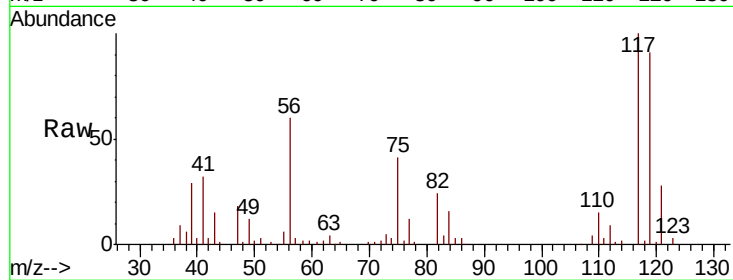
Tgt Ion:117 Resp: 106835

Ion Ratio Lower Upper

117 100

119 90.7 75.1 112.7

121 28.4 25.8 38.8

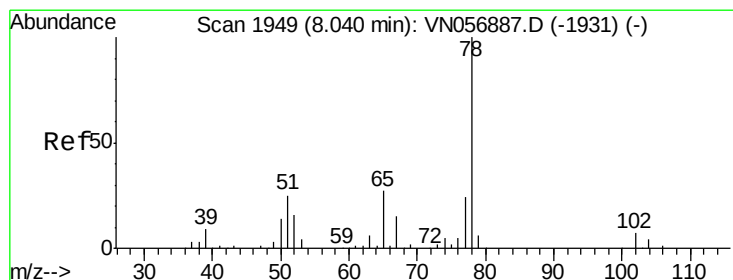
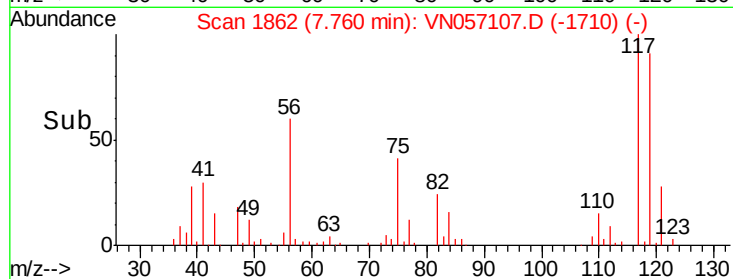
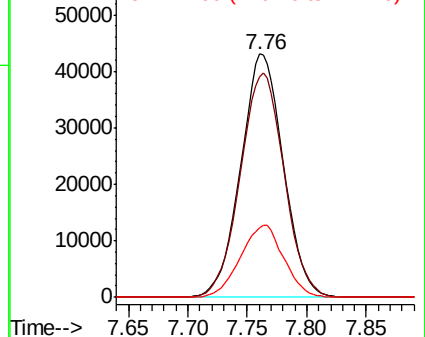


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.690 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

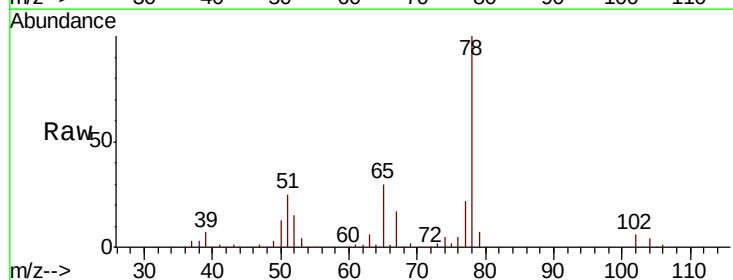
Tgt Ion: 78 Resp: 335932

Ion Ratio Lower Upper

78 100

77 22.3 19.4 29.2

51 25.1 20.4 30.6

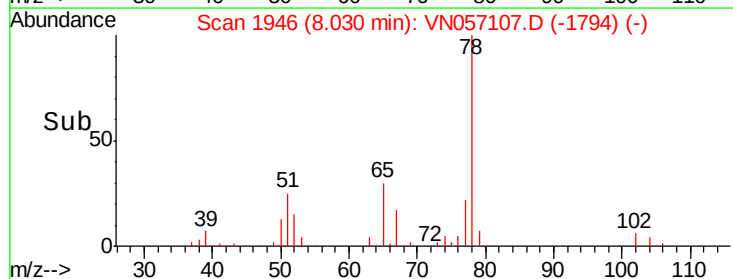
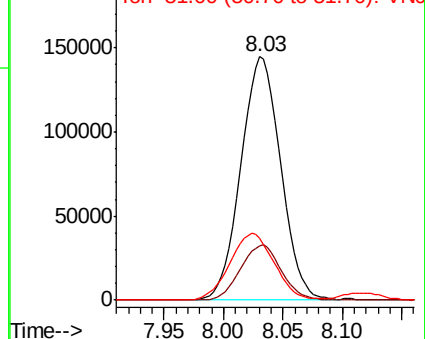


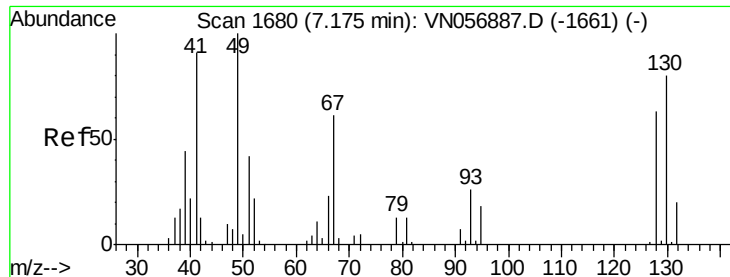
Abundance

Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

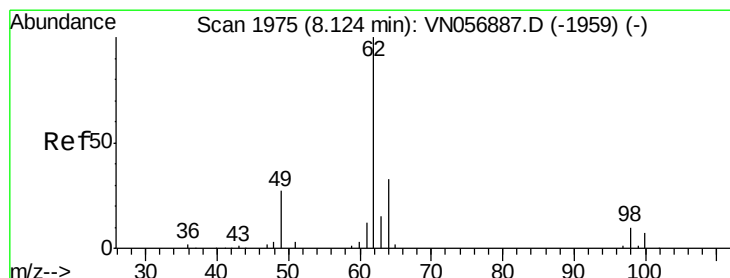
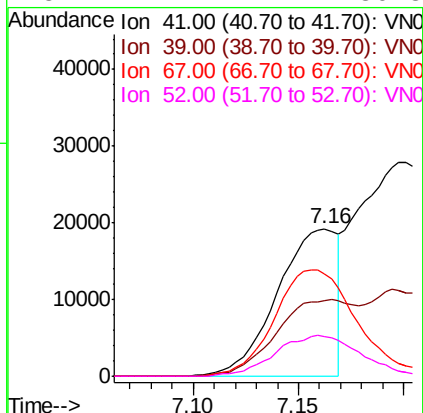
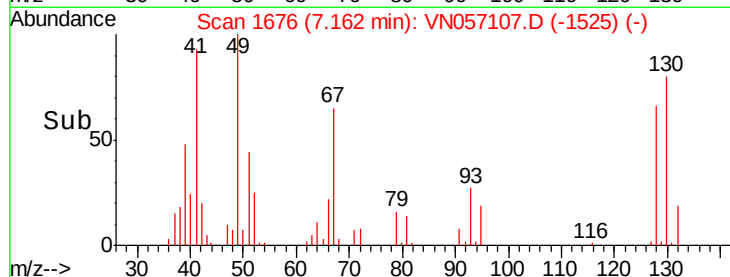
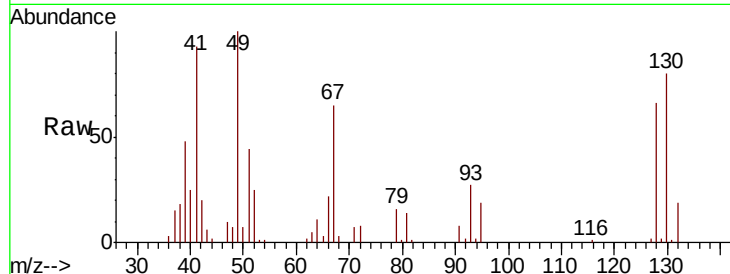




#35
Methacrylonitrile
Concen: 16.701 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

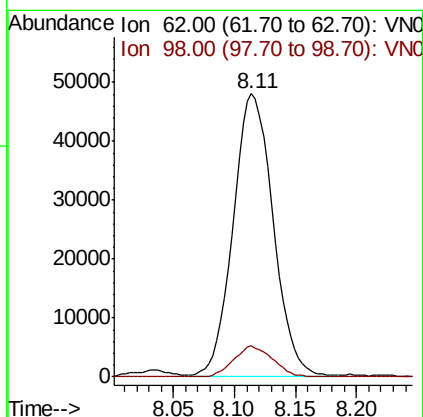
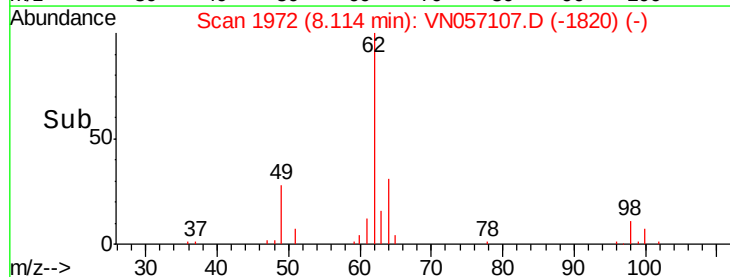
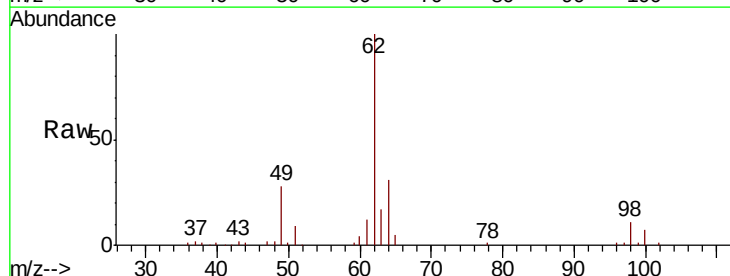
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

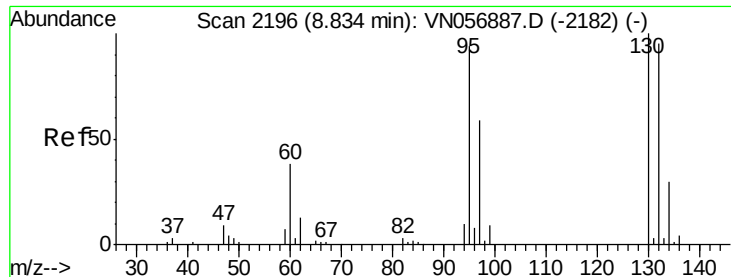
Tgt Ion: 41 Resp: 38226
Ion Ratio Lower Upper
41 100
39 51.4 24.4 73.2
67 69.9 33.4 100.1
52 27.2 12.1 36.3



#36
1,2-Dichloroethane
Concen: 19.649 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Tgt Ion: 62 Resp: 109795
Ion Ratio Lower Upper
62 100
98 10.4 7.7 11.5

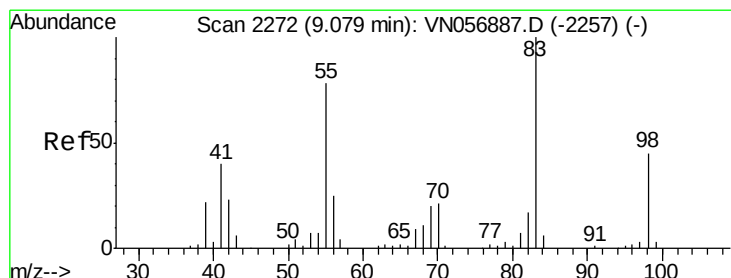
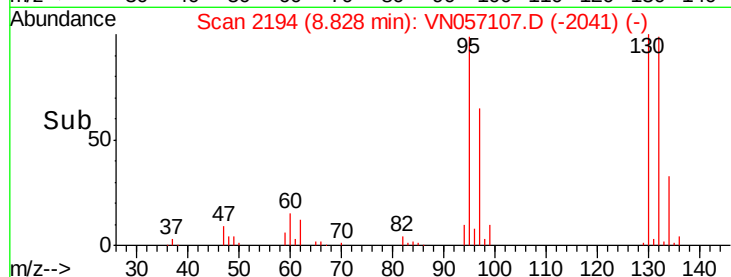
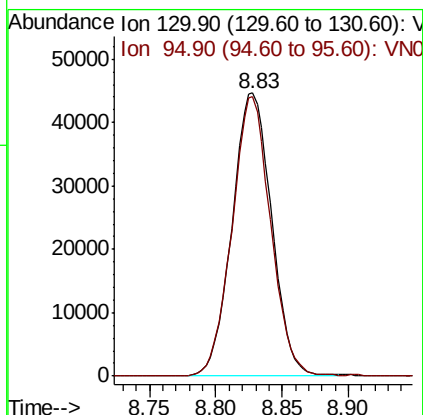
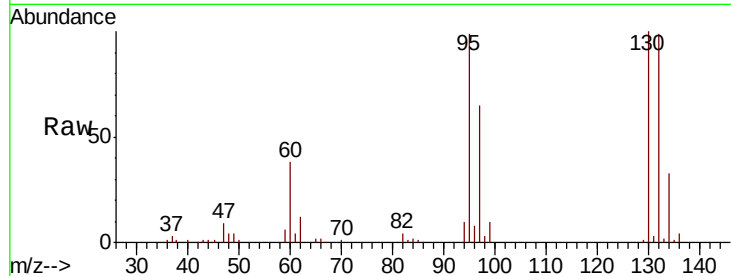




#37
 Trichloroethene
 Concen: 19.174 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

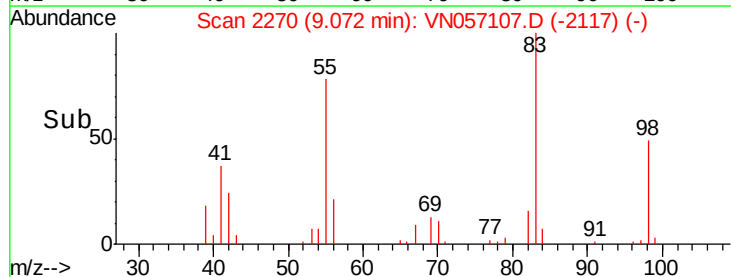
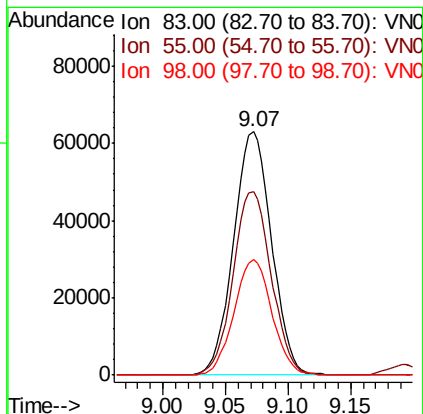
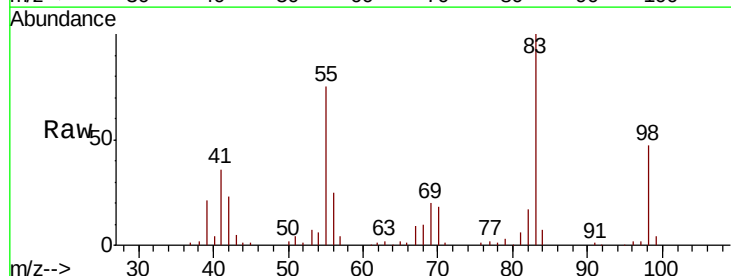
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

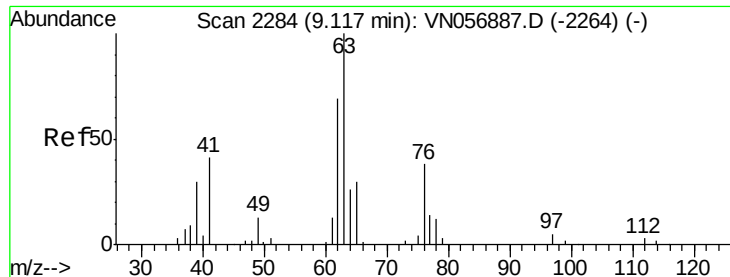
Tgt Ion:130 Resp: 92396
 Ion Ratio Lower Upper
 130 100
 95 98.6 74.9 112.3



#38
 Methylcyclohexane
 Concen: 18.329 ug/l
 RT: 9.07 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 83 Resp: 133007
 Ion Ratio Lower Upper
 83 100
 55 75.5 38.4 115.1
 98 47.3 22.7 68.0

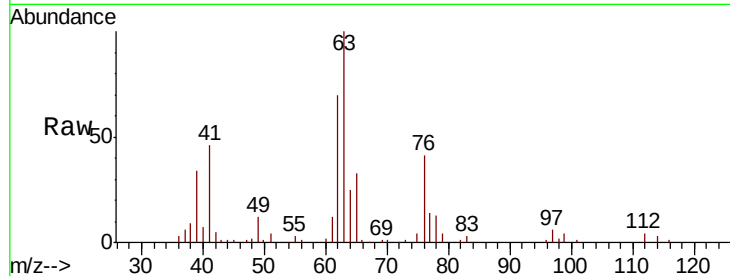




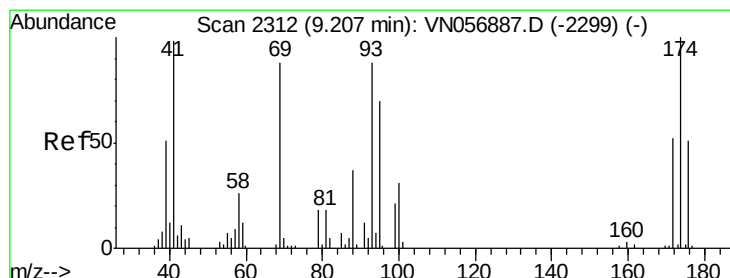
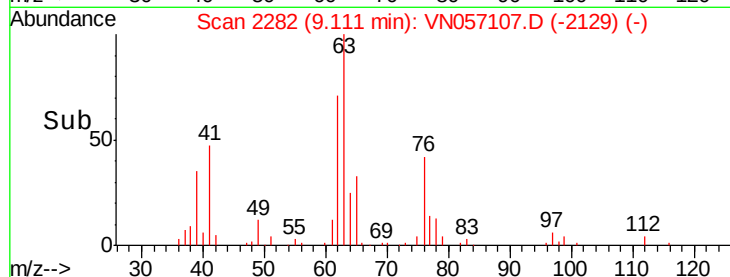
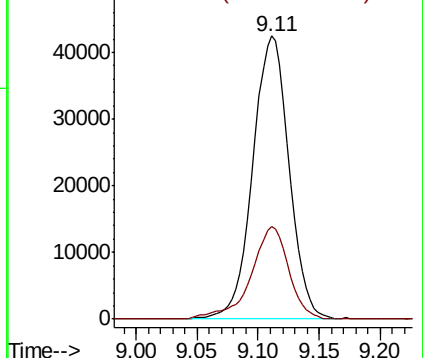
#39
 1,2-Dichloropropane
 Concen: 18.229 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

Tgt Ion: 63 Resp: 87460
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.6 36.8

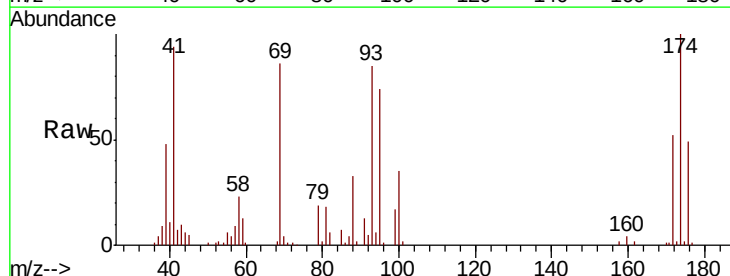


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 65.00 (64.70 to 65.70): VN0

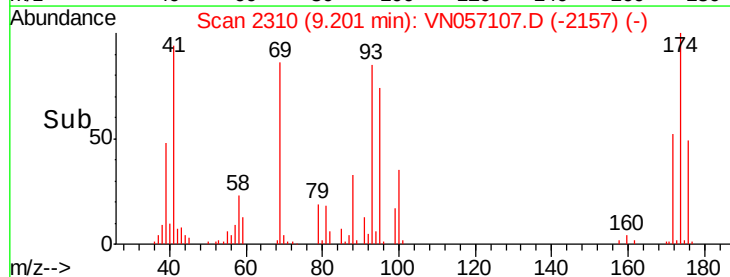
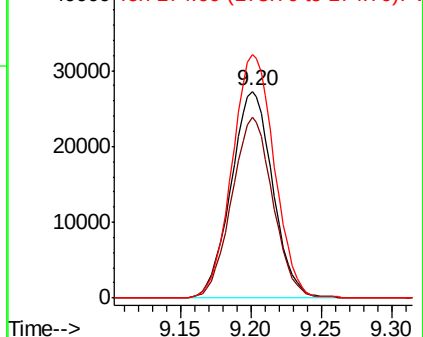


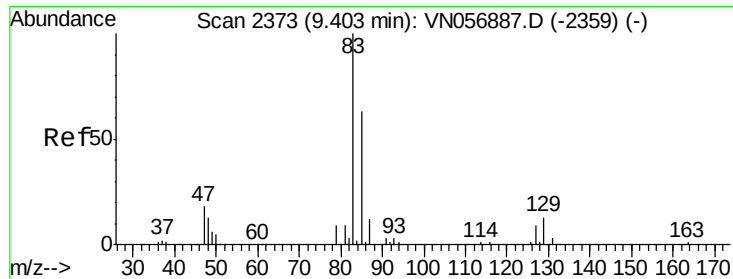
#40
 Dibromomethane
 Concen: 19.148 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 93 Resp: 56357
 Ion Ratio Lower Upper
 93 100
 95 86.2 0.0 165.8
 174 119.1 0.0 232.4



Abundance Ion 93.00 (92.70 to 93.70): VN0
 Ion 95.00 (94.70 to 95.70): VN0
 Ion 174.00 (173.70 to 174.70): V

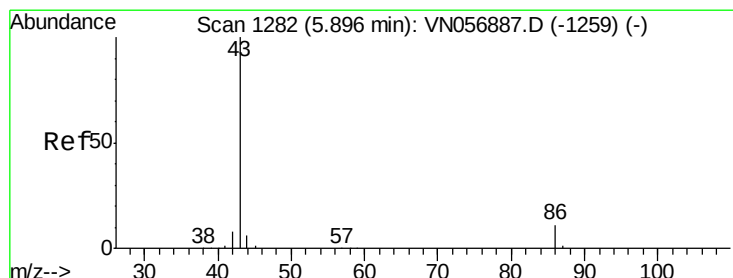
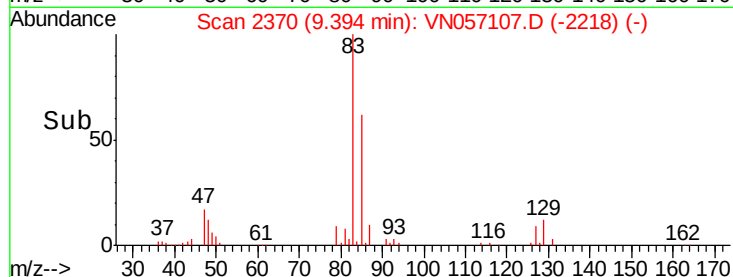
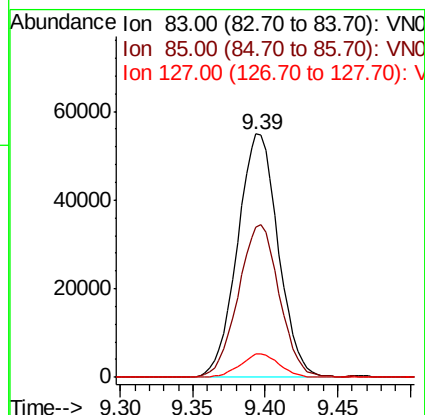
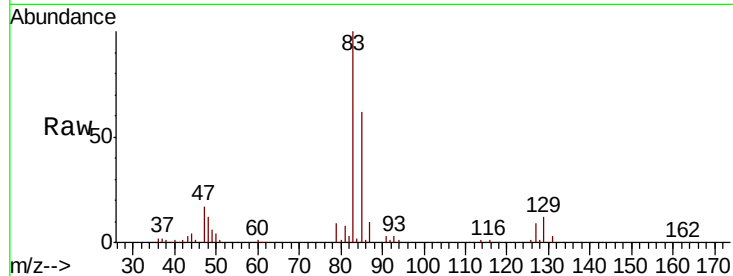




#41
 Bromodichloromethane
 Concen: 19.013 ug/l
 RT: 9.39 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

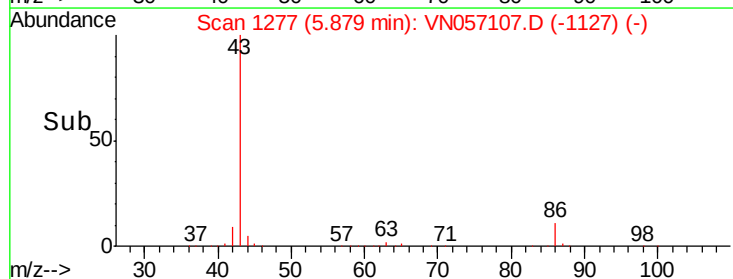
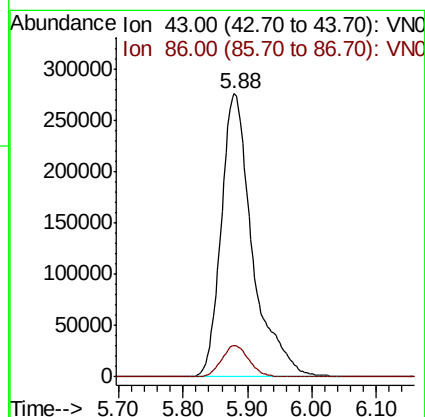
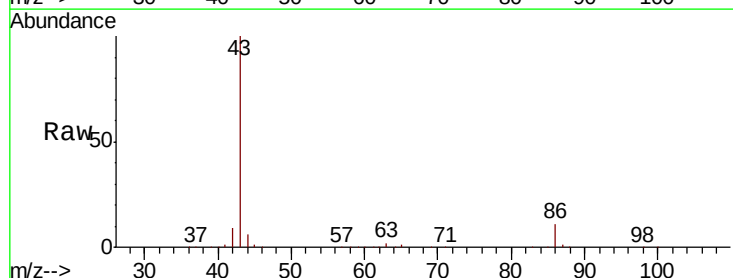
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

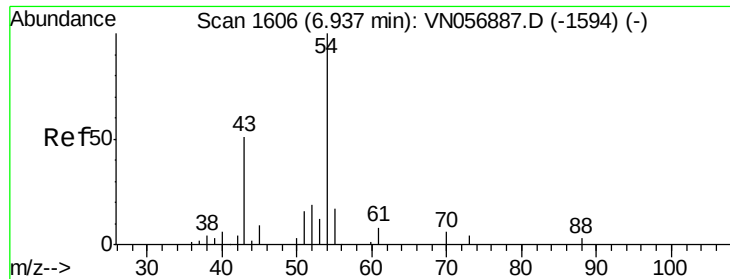
Tgt Ion: 83 Resp: 107530
 Ion Ratio Lower Upper
 83 100
 85 61.9 50.6 75.8
 127 9.5 7.2 10.8



#42
 Vinyl Acetate
 Concen: 91.405 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 43 Resp: 932923
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.4 11.2

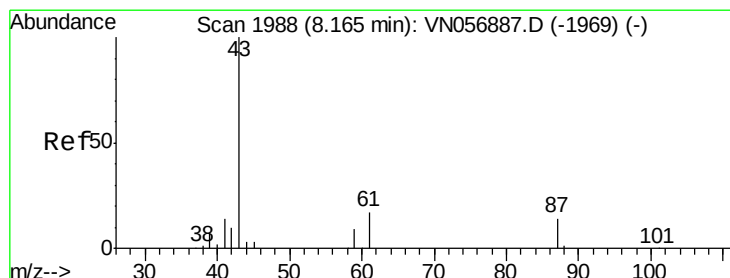
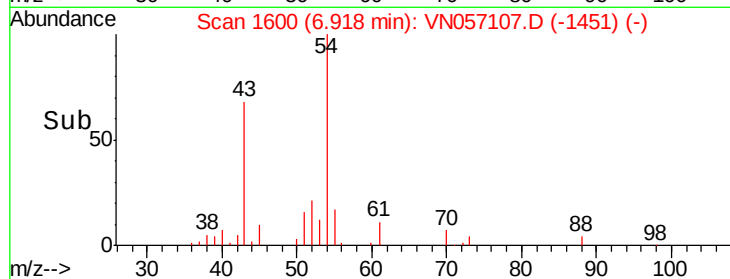
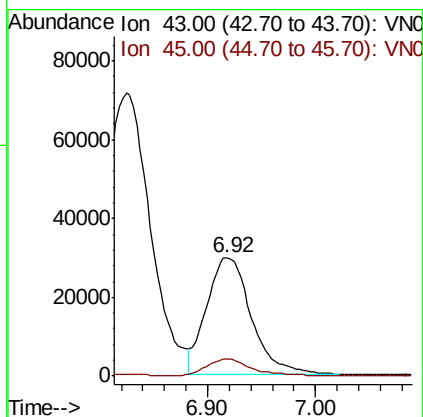
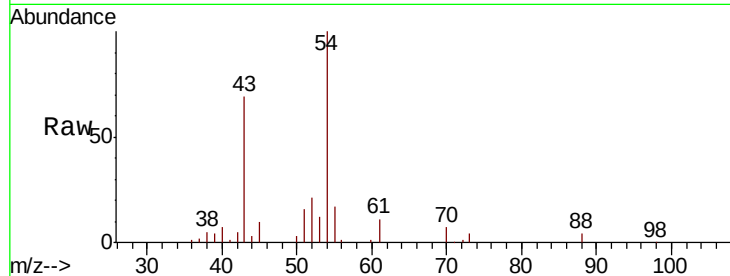




#43
Ethyl Acetate
Concen: 18.259 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. -0.02 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

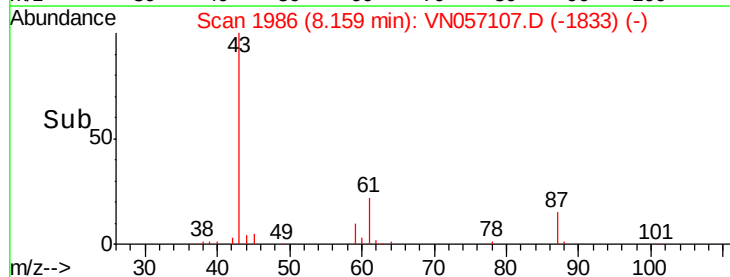
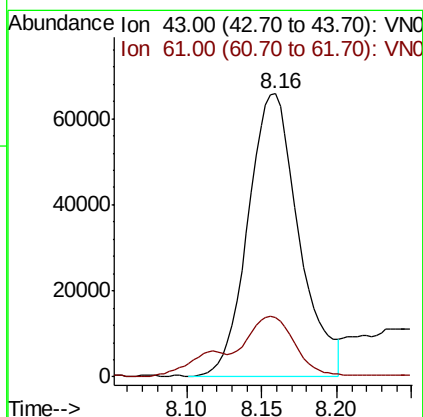
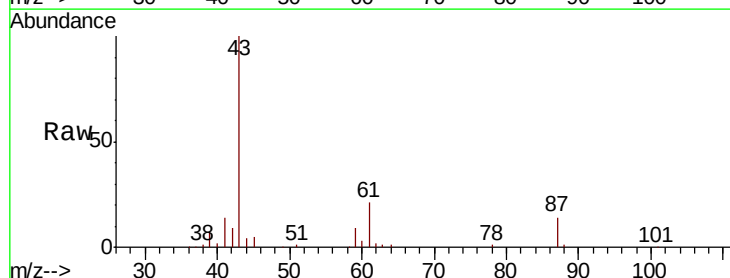
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

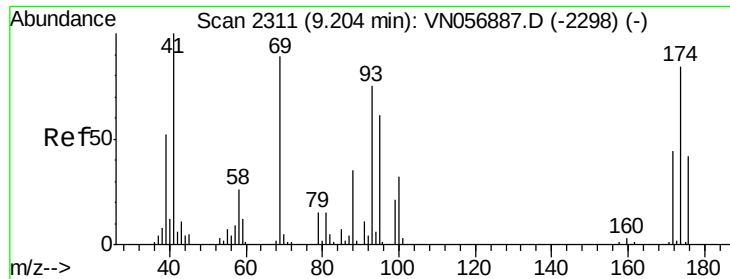
Tgt Ion: 43 Resp: 85789
Ion Ratio Lower Upper
43 100
45 15.3 10.2 15.2#



#44
Isopropyl Acetate
Concen: 19.772 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. -0.01 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Tgt Ion: 43 Resp: 154845
Ion Ratio Lower Upper
43 100
61 19.5 23.0 34.4#





#45

1,4-Dioxane

Concen: 372.787 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

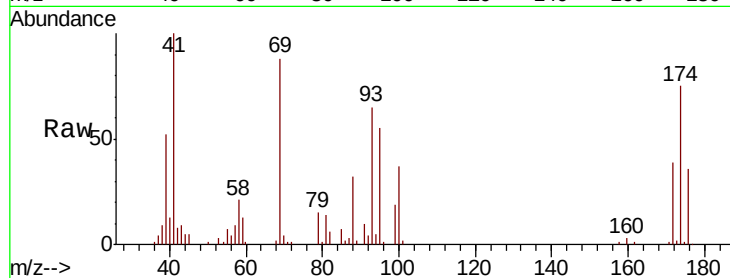
Tgt Ion: 88 Resp: 27794

Ion Ratio Lower Upper

88 100

43 26.7 23.4 35.0

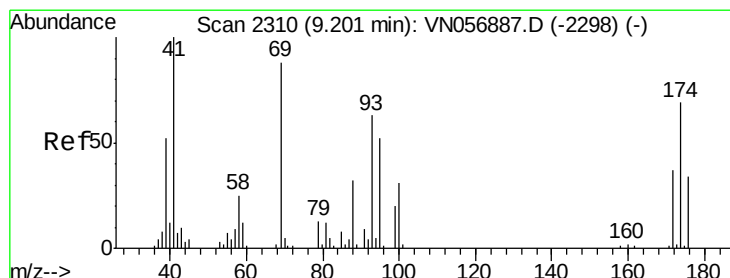
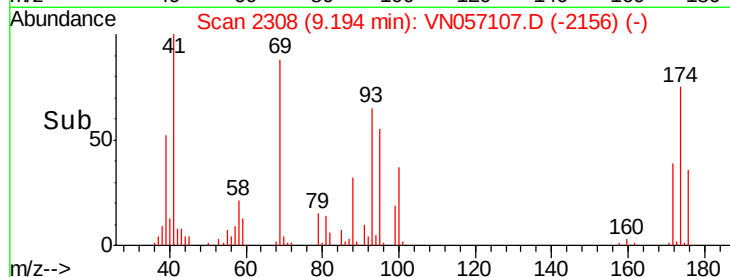
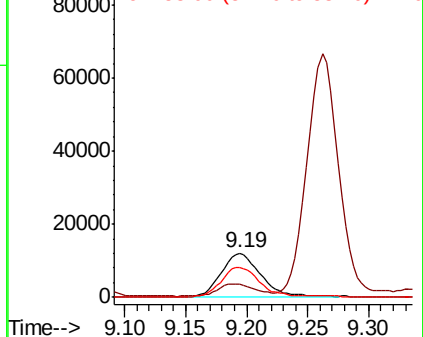
58 65.8 58.5 87.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46

Methyl methacrylate

Concen: 17.882 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

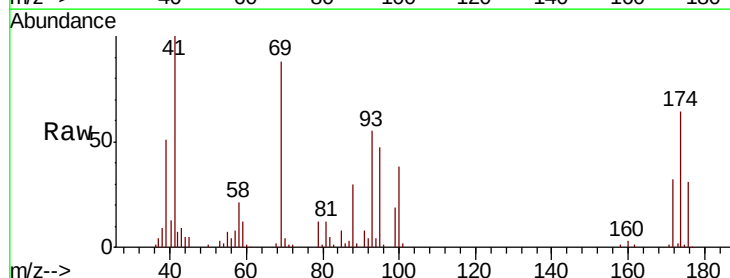
Tgt Ion: 41 Resp: 69866

Ion Ratio Lower Upper

41 100

69 88.9 44.0 132.0

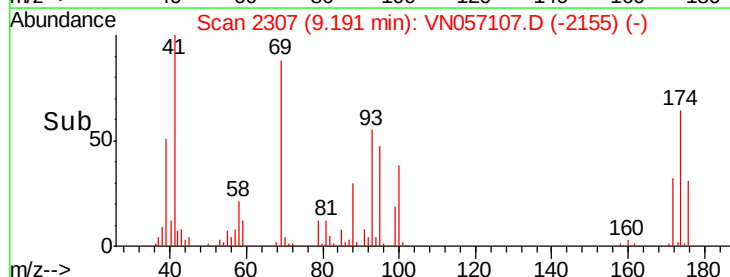
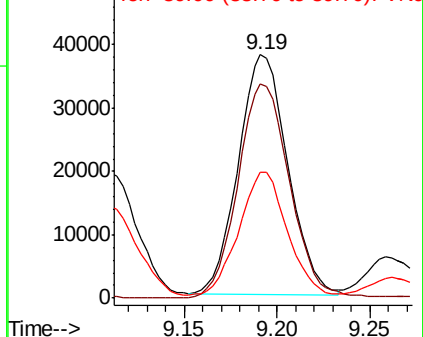
39 51.1 25.8 77.4

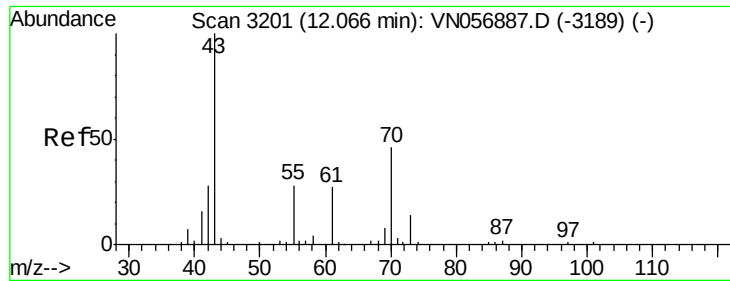


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#47

n-amyl Acetate

Concen: 17.822 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

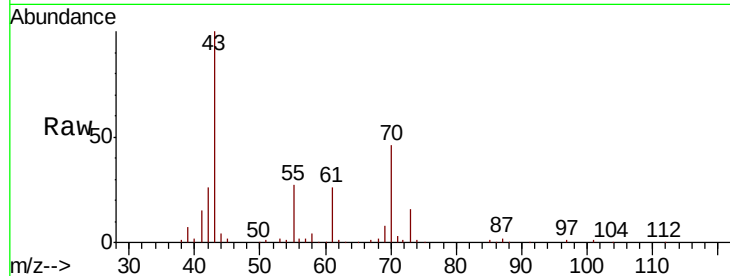
VN0806WBSD02

Tgt Ion: 43 Resp: 111735

Ion Ratio Lower Upper

43 100

55 27.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.07

80000

60000

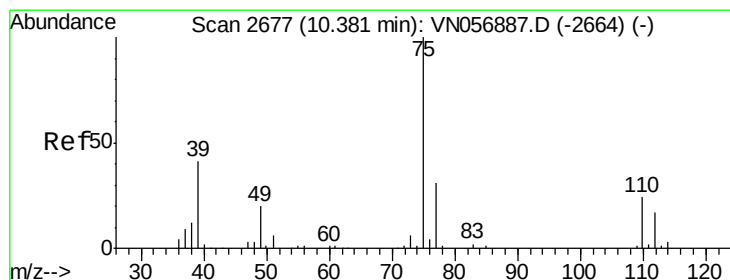
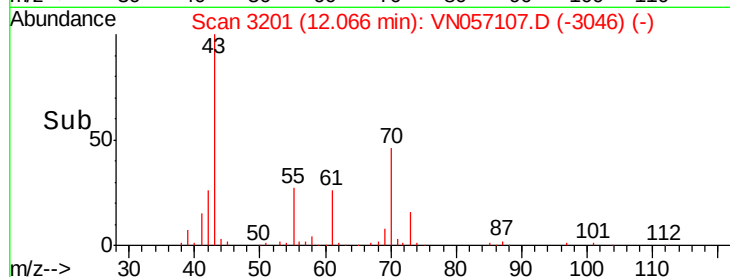
40000

20000

0

Time-->

12.00 12.10



#48

t-1,3-Dichloropropene

Concen: 18.988 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.01 min

Lab File: VN057107.D

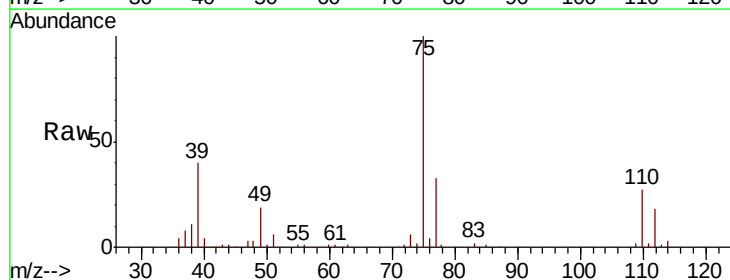
Acq: 6 Aug 2019 16:49

Tgt Ion: 75 Resp: 111750

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.37

60000

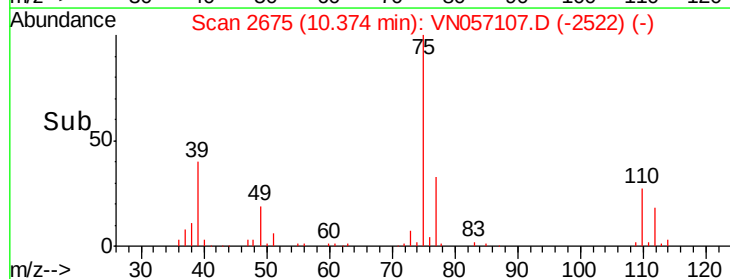
40000

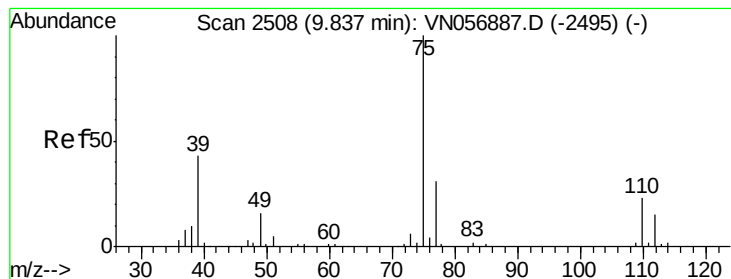
20000

0

Time-->

10.30 10.40



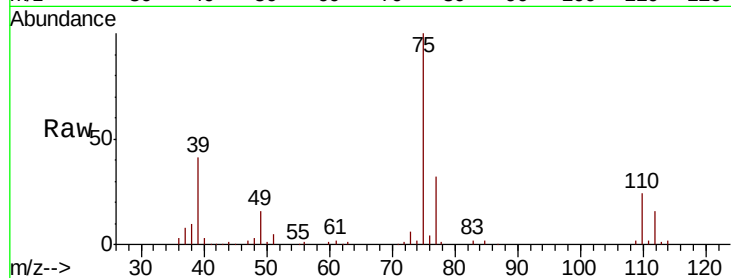


#49

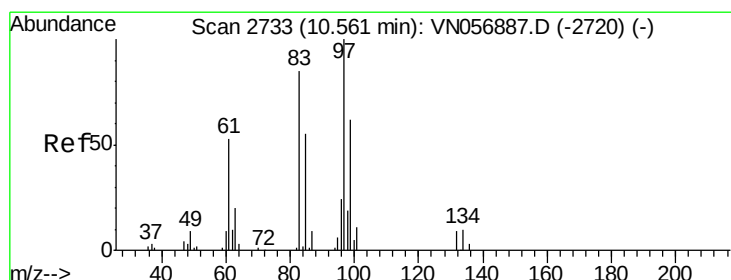
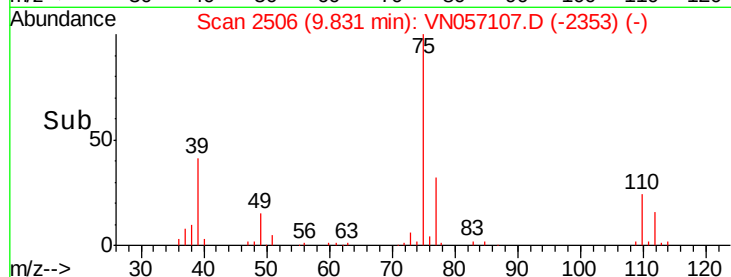
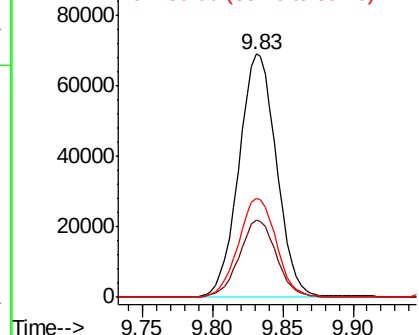
cis-1,3-Dichloropropene
 Concen: 18.814 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

Tgt Ion: 75 Resp: 129032
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.4 36.6
 39 40.6 34.2 51.4



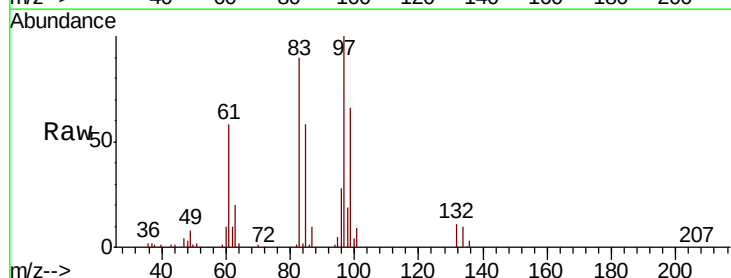
Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0



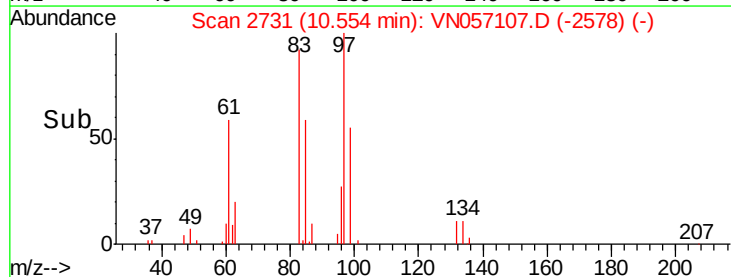
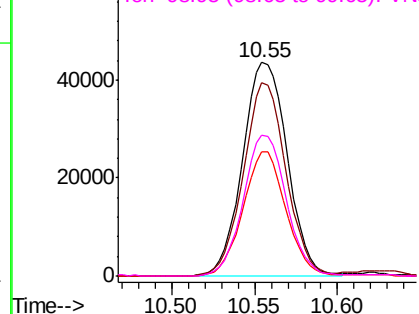
#50

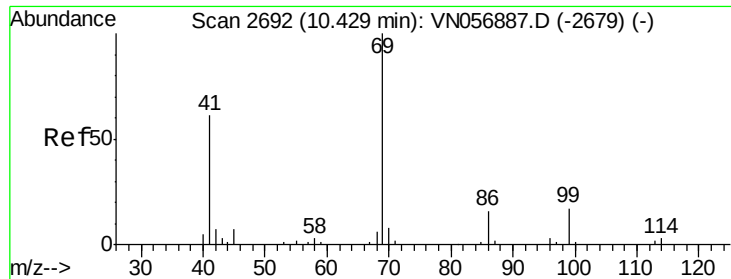
1,1,2-Trichloroethane
 Concen: 19.301 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 97 Resp: 81562
 Ion Ratio Lower Upper
 97 100
 83 90.3 68.4 102.6
 85 58.2 44.3 66.5
 99 66.1 49.4 74.2



Abundance Ion 97.00 (96.70 to 97.70): VN0
 Ion 82.95 (82.65 to 83.65): VN0
 Ion 84.95 (84.65 to 85.65): VN0
 Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 18.733 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.01 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

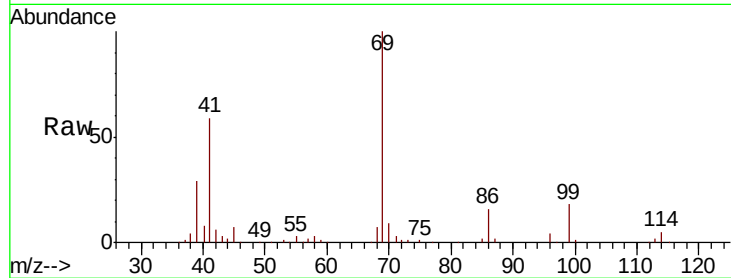
Tgt Ion: 69 Resp: 114503

Ion Ratio Lower Upper

69 100

41 58.3 30.4 91.3

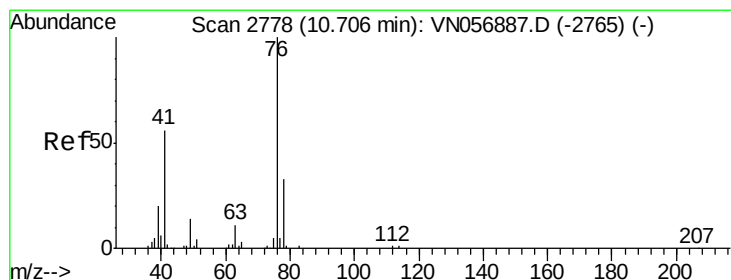
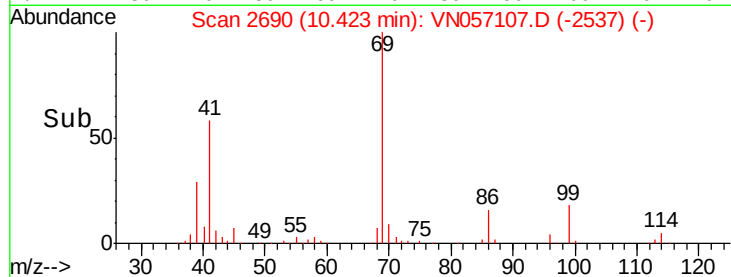
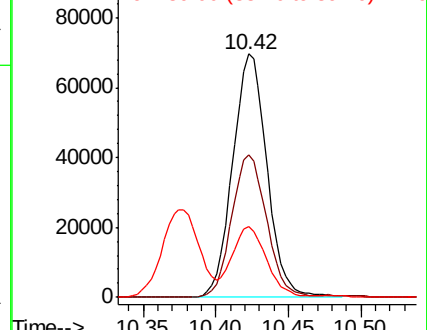
39 28.6 14.2 42.6



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 18.905 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.01 min

Lab File: VN057107.D

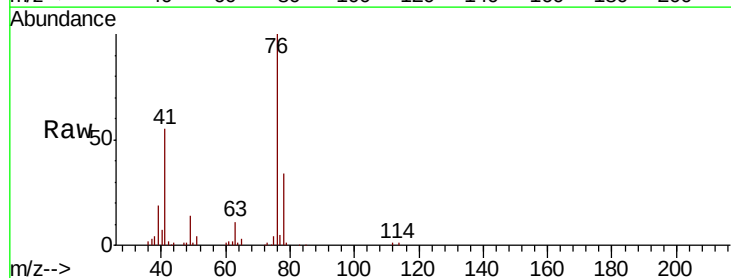
Acq: 6 Aug 2019 16:49

Tgt Ion: 76 Resp: 134828

Ion Ratio Lower Upper

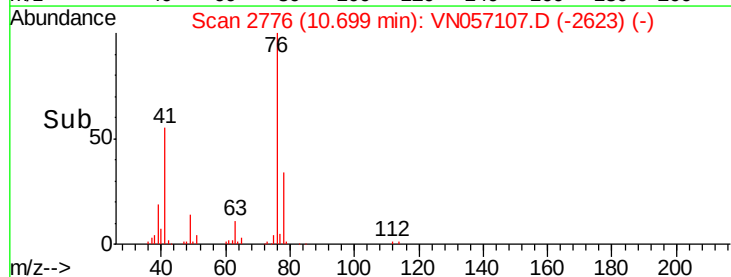
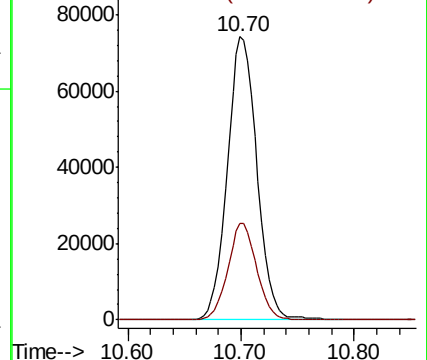
76 100

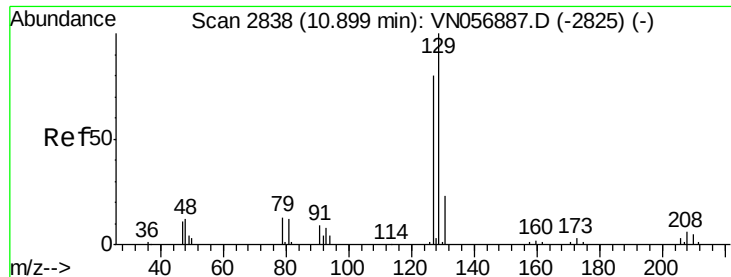
78 33.0 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.055 ug/l

RT: 10.90 min Scan# 2837

Delta R.T. -0.00 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

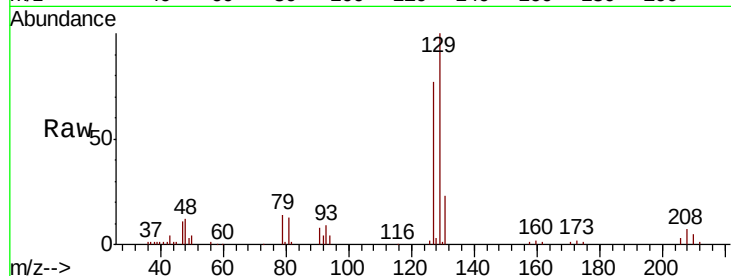
VN0806WBSD02

Tgt Ion:129 Resp: 83698

Ion Ratio Lower Upper

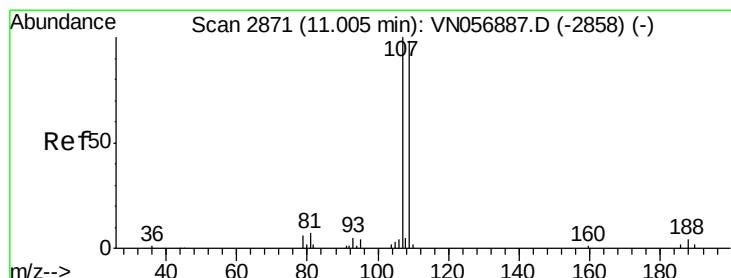
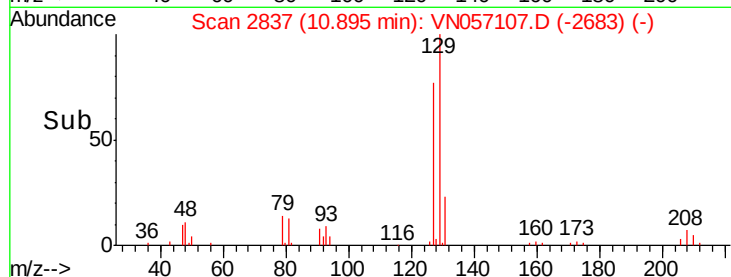
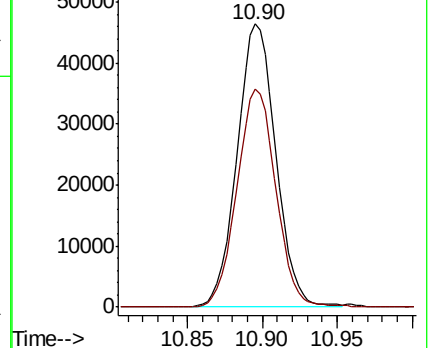
129 100

127 77.5 38.8 116.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.508 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VN057107.D

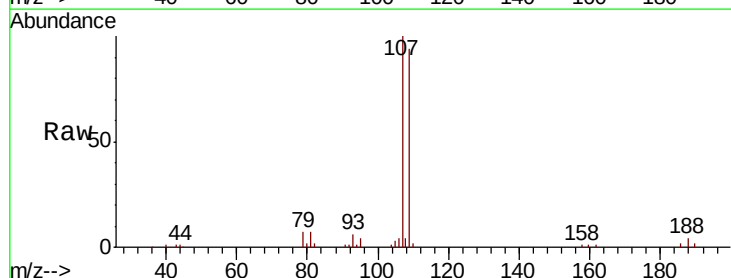
Acq: 6 Aug 2019 16:49

Tgt Ion:107 Resp: 84102

Ion Ratio Lower Upper

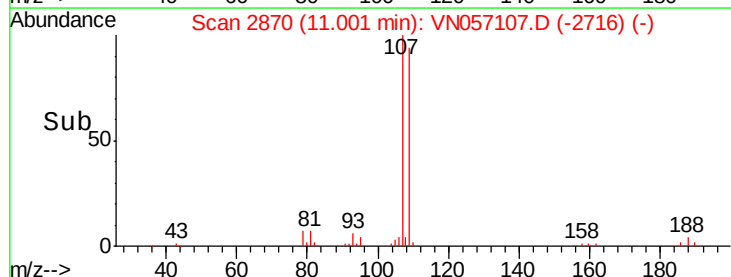
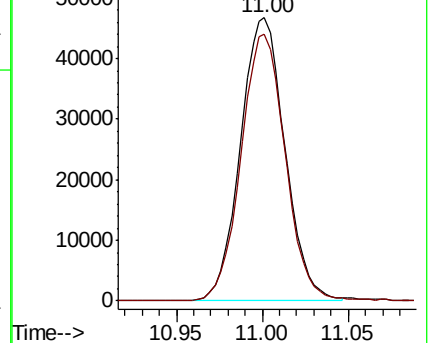
107 100

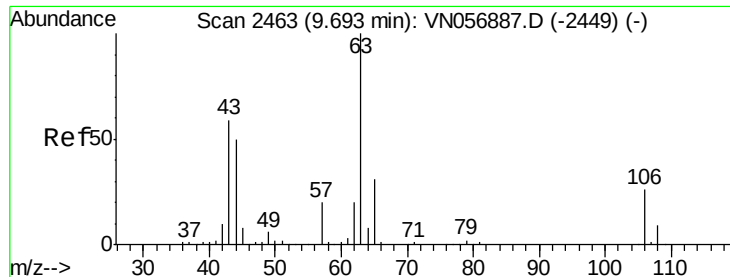
109 93.7 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

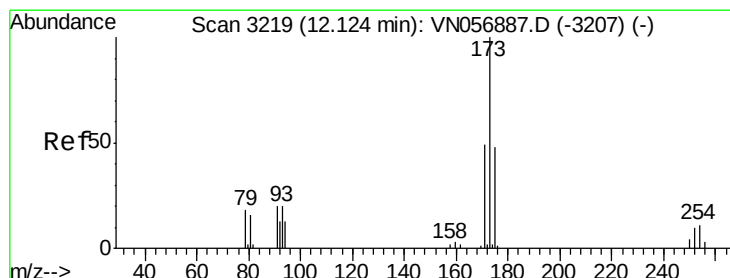
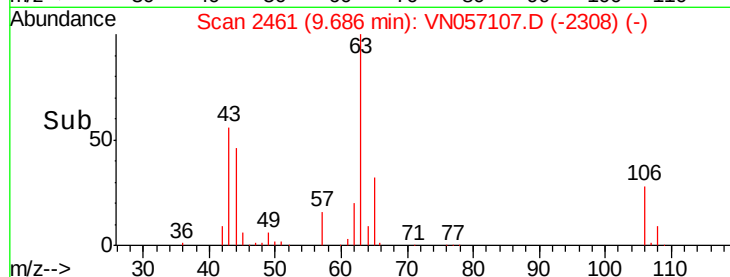
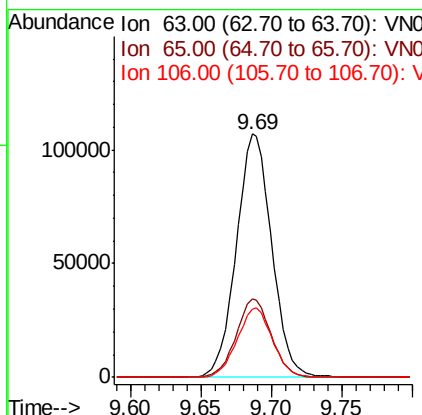
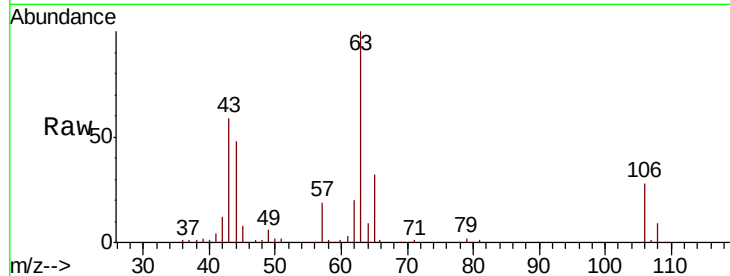




#55
 2-Chloroethyl vinyl ether
 Concen: 71.022 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

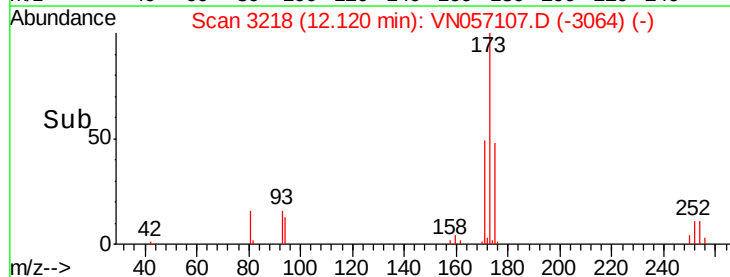
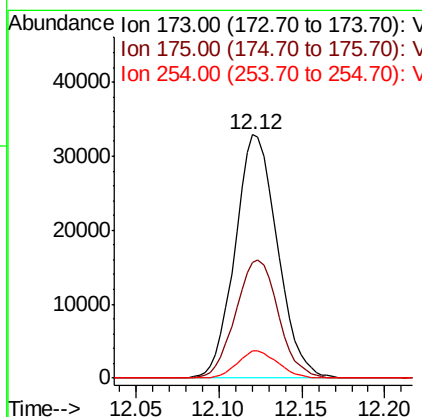
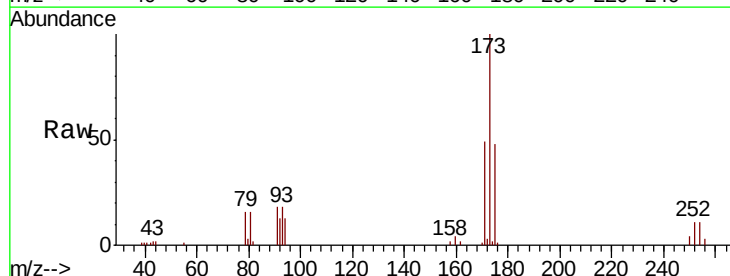
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

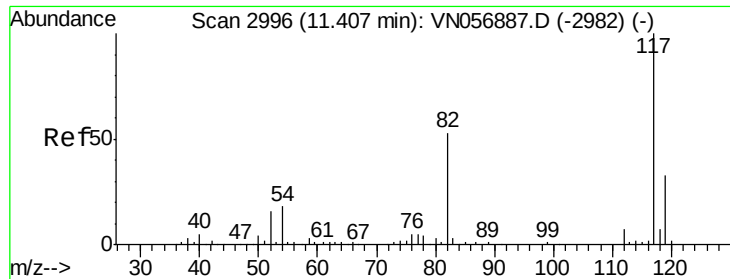
Tgt Ion: 63 Resp: 188007
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.1 37.7
 106 28.3 21.5 32.3



#56
 Bromoform
 Concen: 19.280 ug/l
 RT: 12.12 min Scan# 3218
 Delta R.T. -0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 173 Resp: 58594
 Ion Ratio Lower Upper
 173 100
 175 48.9 38.8 58.2
 254 10.6 8.1 12.1

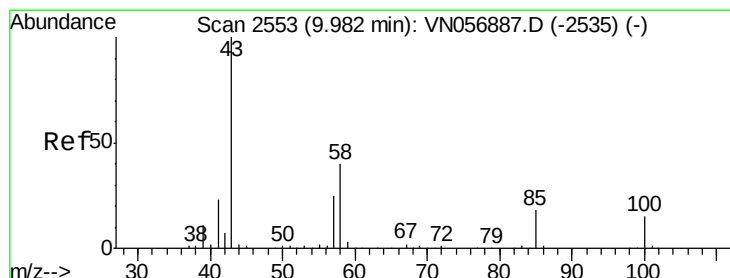
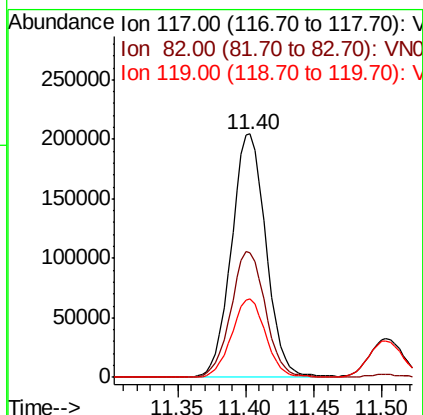
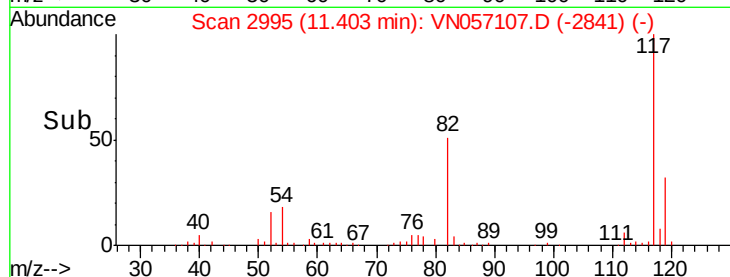
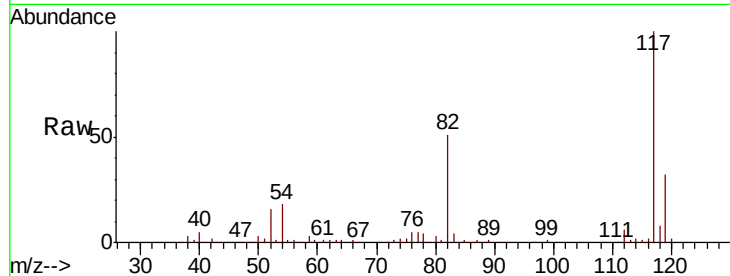




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

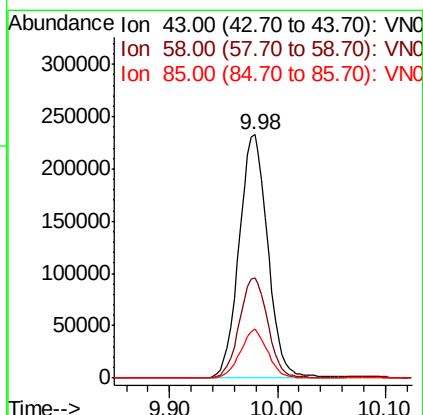
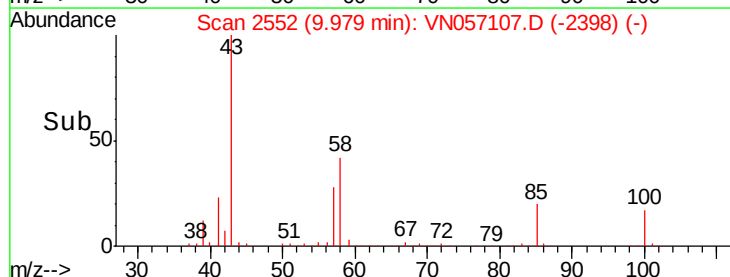
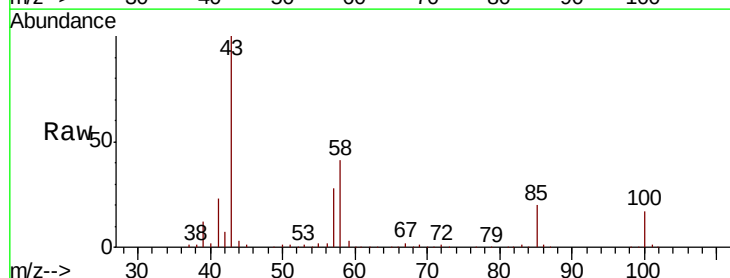
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

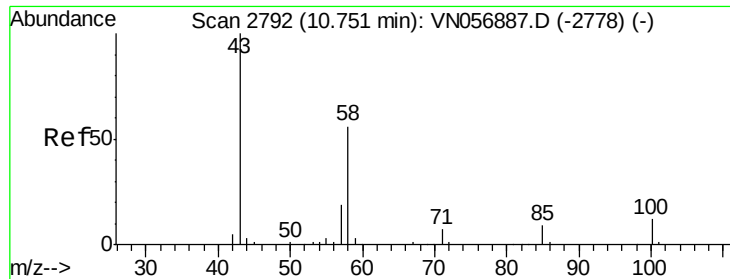
Tgt Ion: 117 Resp: 359776
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 31.9 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 88.932 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Tgt Ion: 43 Resp: 429365
Ion Ratio Lower Upper
43 100
58 41.3 31.7 47.5
85 19.2 14.5 21.7

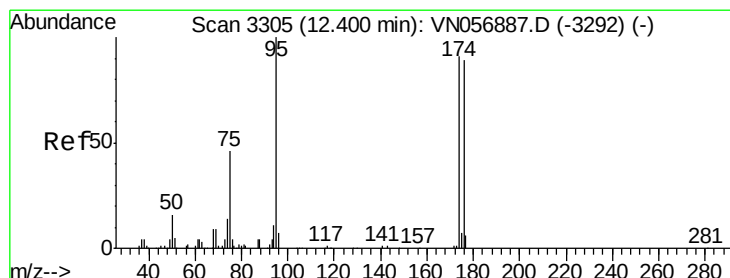
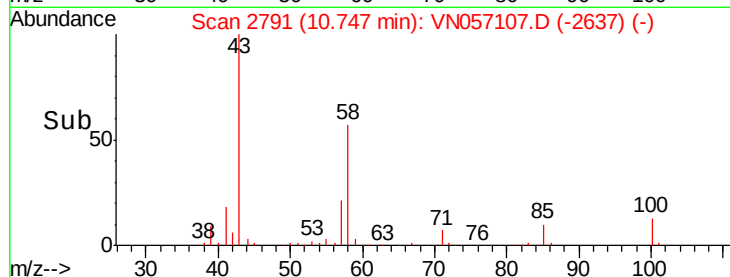
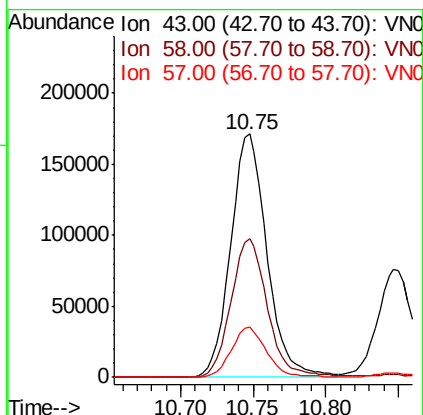
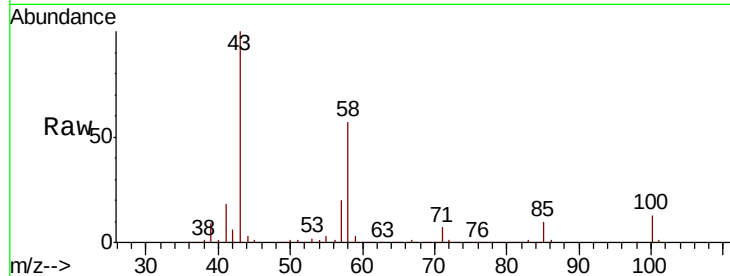




#59
2-Hexanone
Concen: 89.914 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

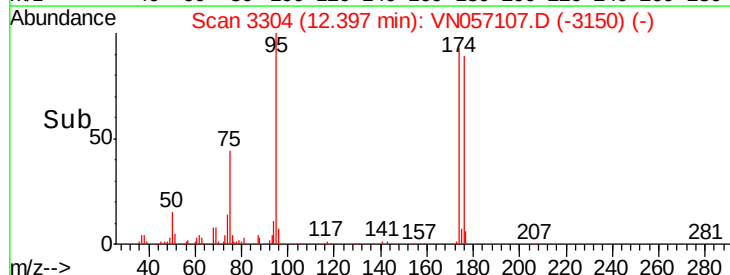
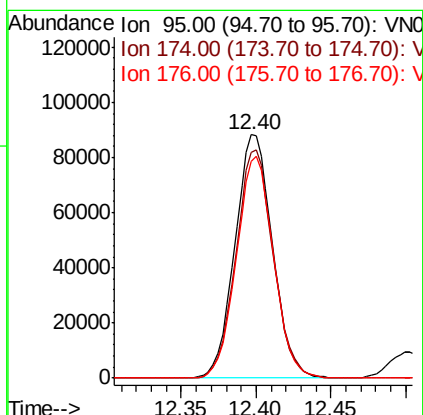
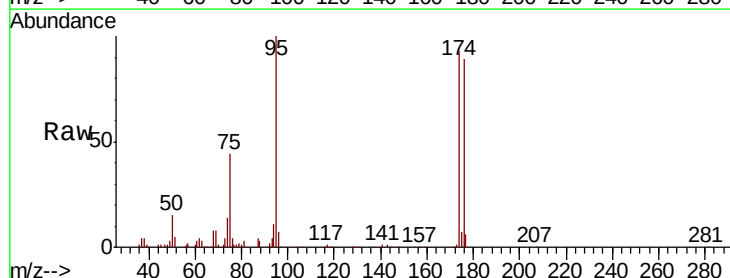
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

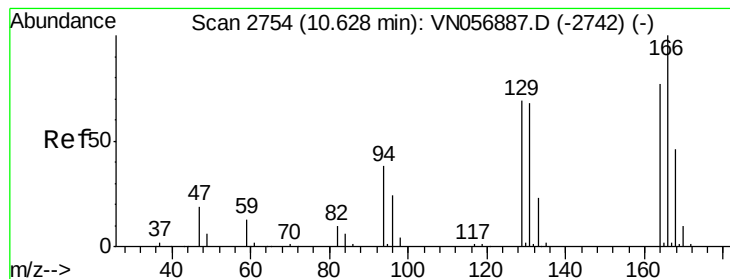
Tgt Ion: 43 Resp: 295810
Ion Ratio Lower Upper
43 100
58 57.8 45.0 67.4
57 20.3 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 28.539 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Tgt Ion: 95 Resp: 153891
Ion Ratio Lower Upper
95 100
174 93.2 71.9 107.9
176 90.2 69.8 104.8





#61

Tetrachloroethene

Concen: 18.073 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

Tgt Ion:164 Resp: 91129

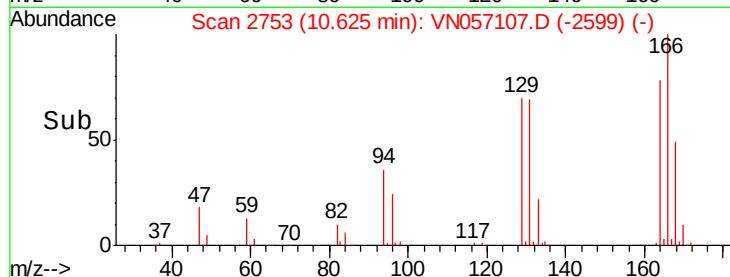
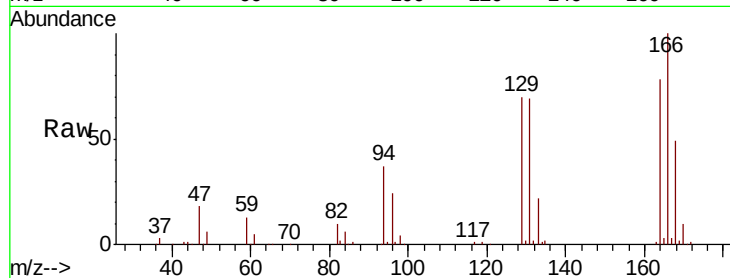
Ion Ratio Lower Upper

164 100

166 128.0 103.9 155.9

129 89.4 72.4 108.6

131 88.0 70.3 105.5

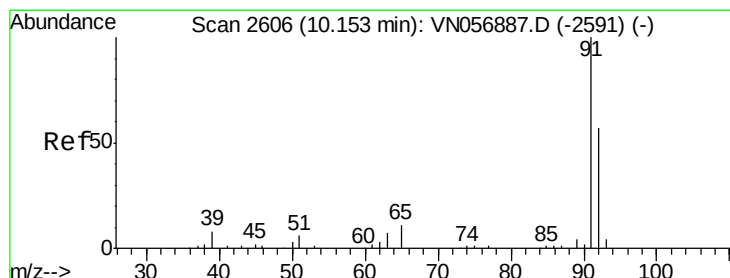
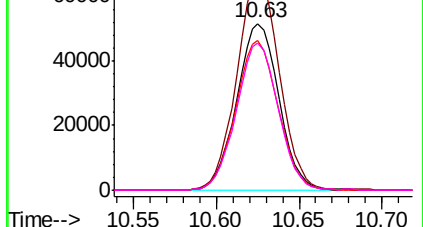


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.658 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN057107.D

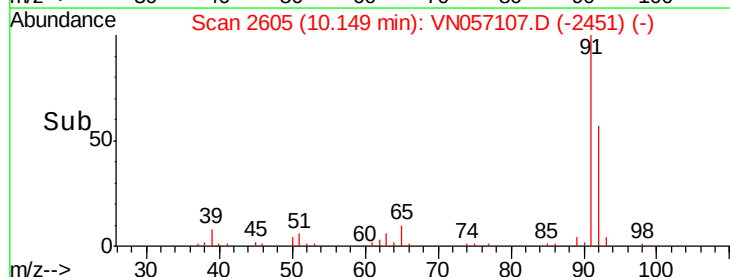
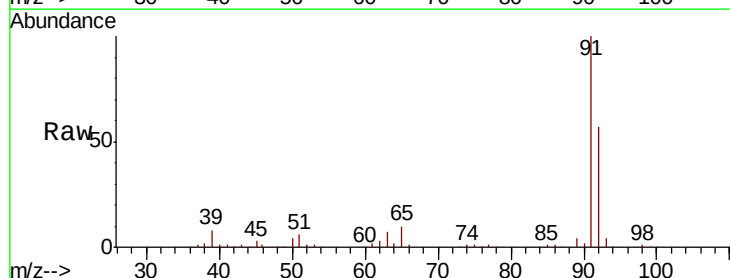
Acq: 6 Aug 2019 16:49

Tgt Ion: 91 Resp: 365085

Ion Ratio Lower Upper

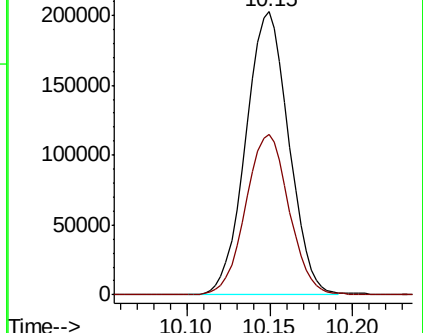
91 100

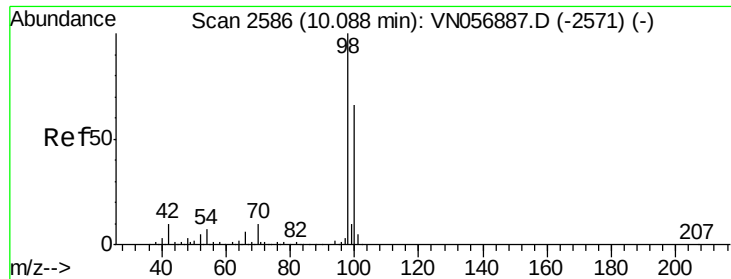
92 57.5 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 29.220 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

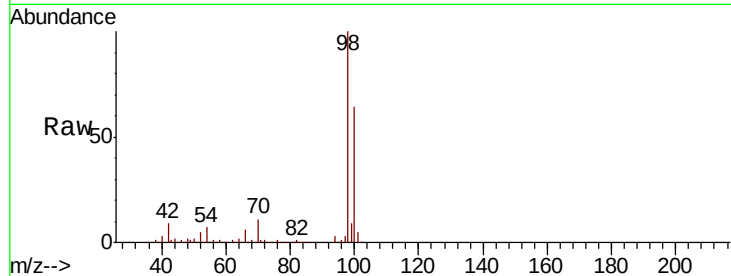
VN0806WBSD02

Tgt Ion: 98 Resp: 496586

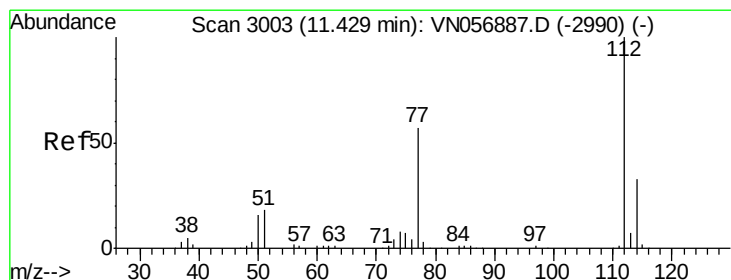
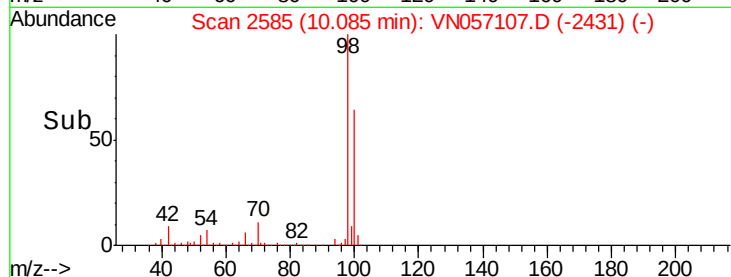
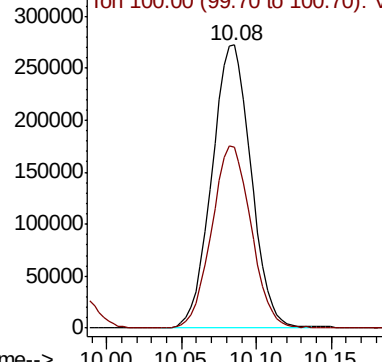
Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN056887.D (-2571) (-)



#64

Chlorobenzene

Concen: 19.067 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN057107.D

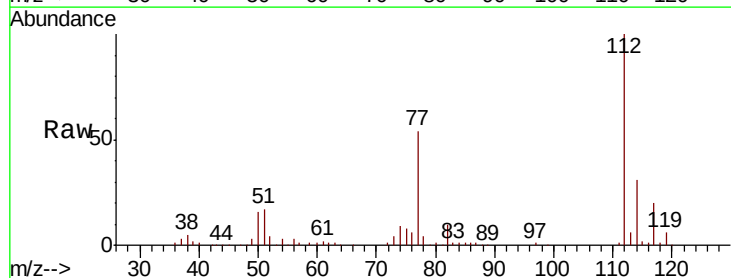
Acq: 6 Aug 2019 16:49

Tgt Ion: 112 Resp: 224733

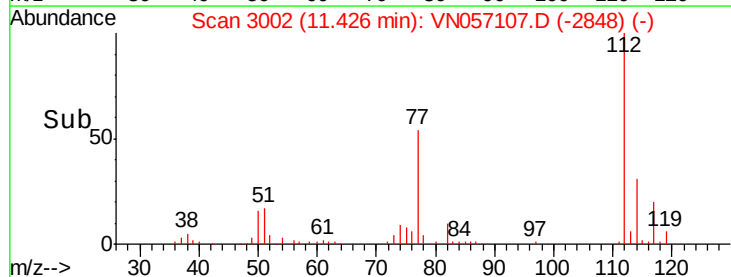
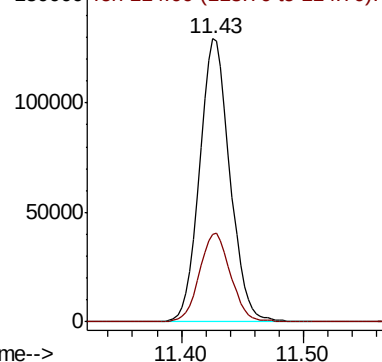
Ion Ratio Lower Upper

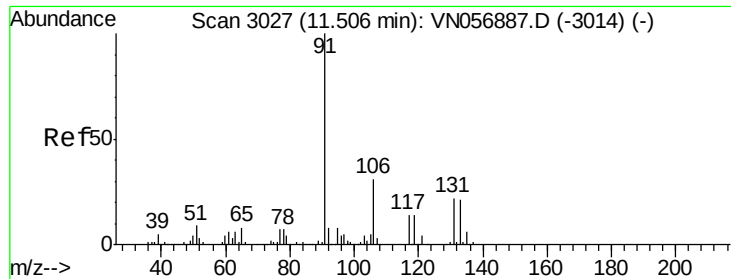
112 100

114 30.9 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): VN056887.D (-2990) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 18.992 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

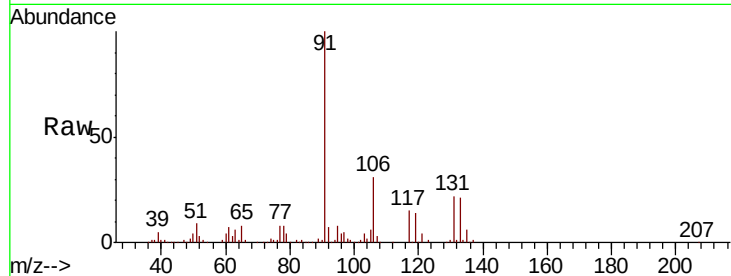
Tgt Ion:131 Resp: 84785

Ion Ratio Lower Upper

131 100

133 95.3 0.0 189.6

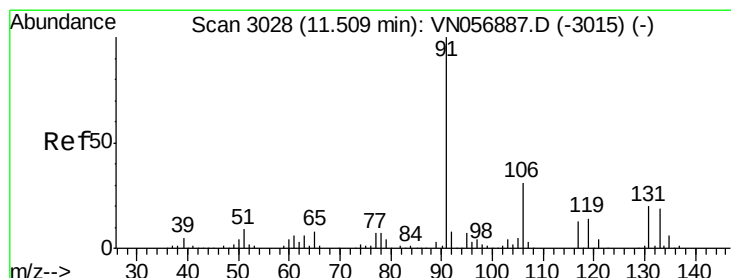
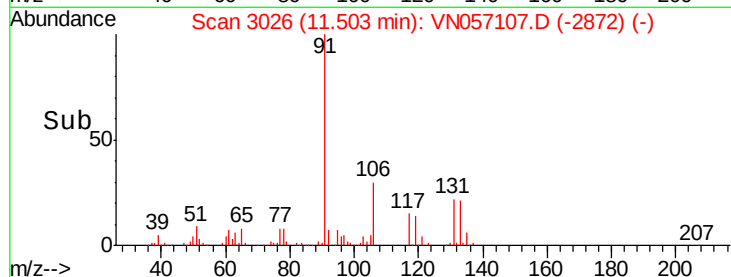
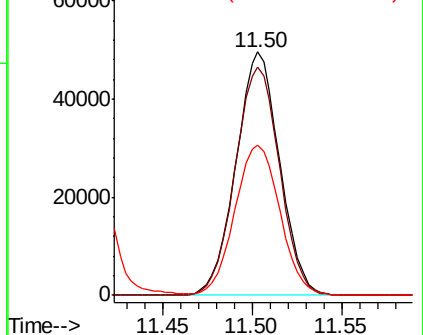
119 64.1 0.0 133.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.751 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN057107.D

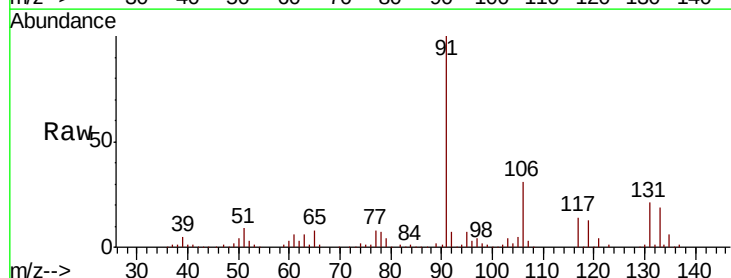
Acq: 6 Aug 2019 16:49

Tgt Ion: 91 Resp: 386639

Ion Ratio Lower Upper

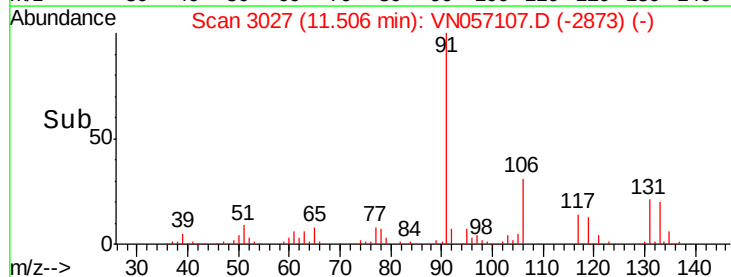
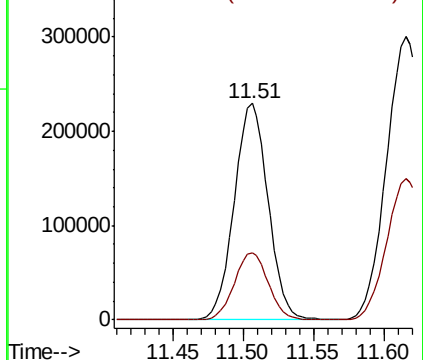
91 100

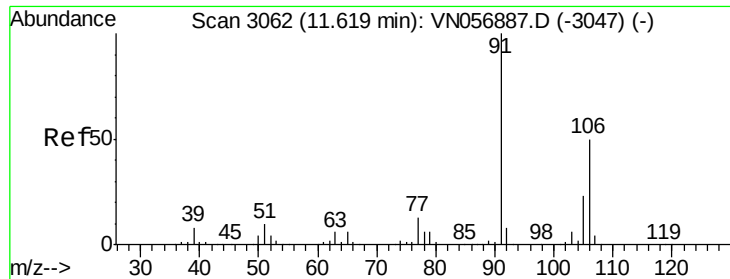
106 31.2 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

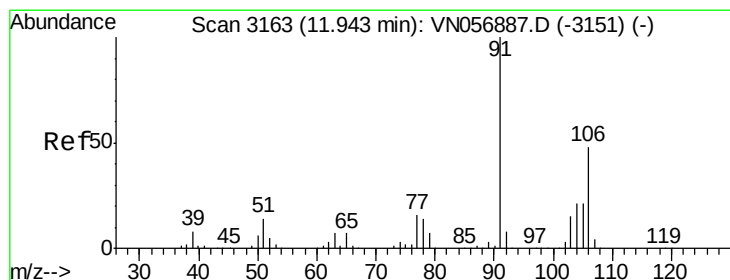
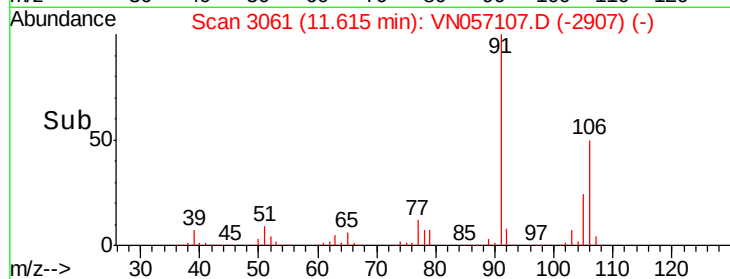
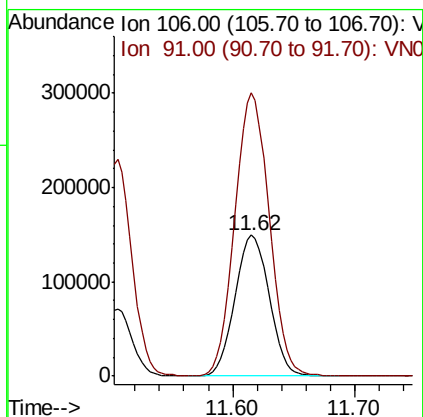
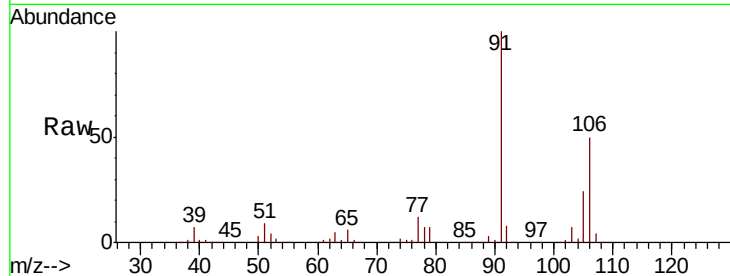




#67
m/p-Xylenes
Concen: 37.916 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

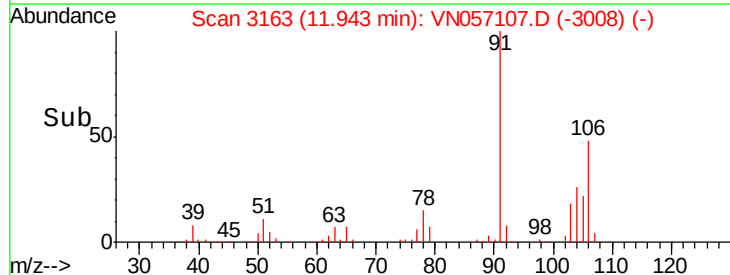
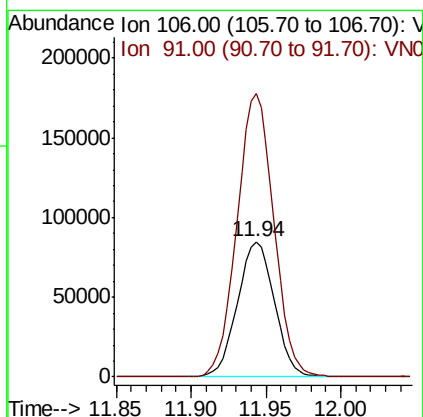
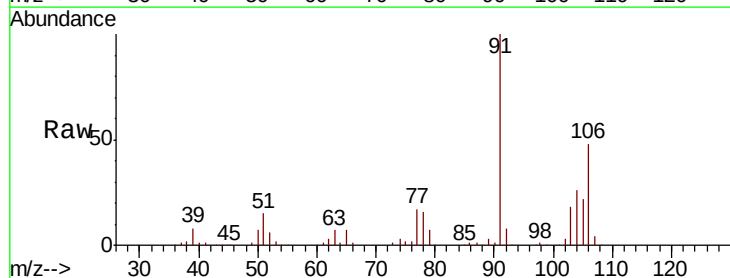
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

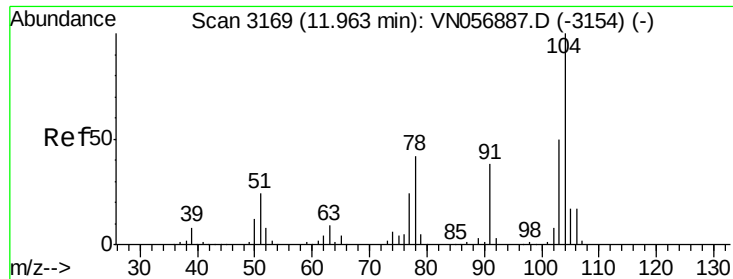
Tgt Ion:106 Resp: 291530
Ion Ratio Lower Upper
106 100
91 201.1 160.6 240.8



#68
o-Xylene
Concen: 19.254 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Tgt Ion:106 Resp: 145552
Ion Ratio Lower Upper
106 100
91 208.9 106.2 318.6

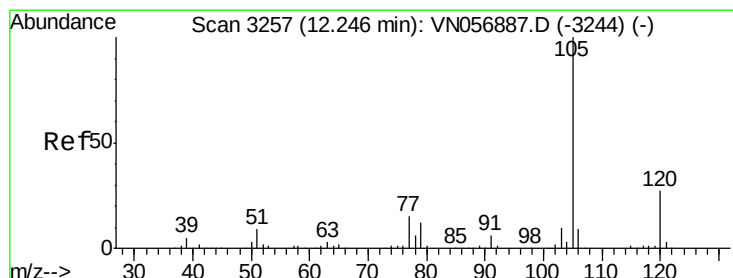
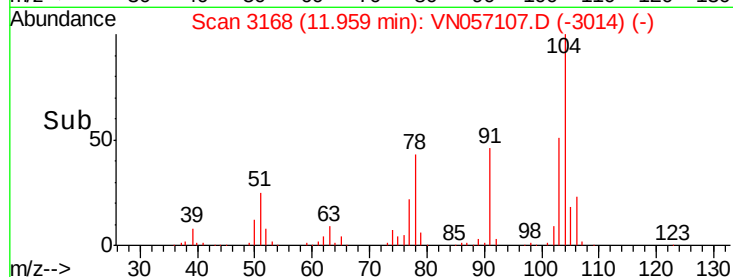
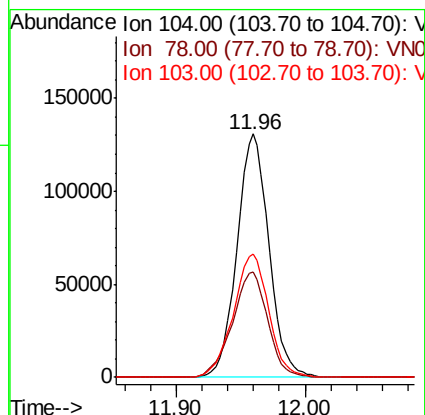
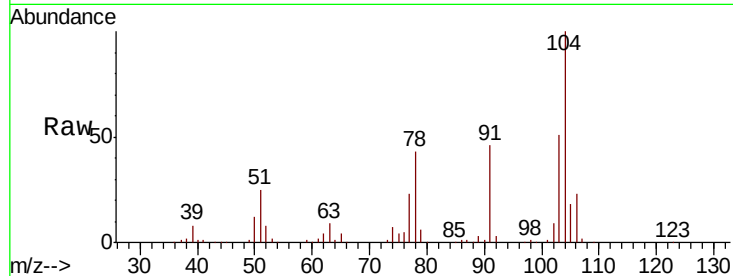




#69
Styrene
Concen: 18.377 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

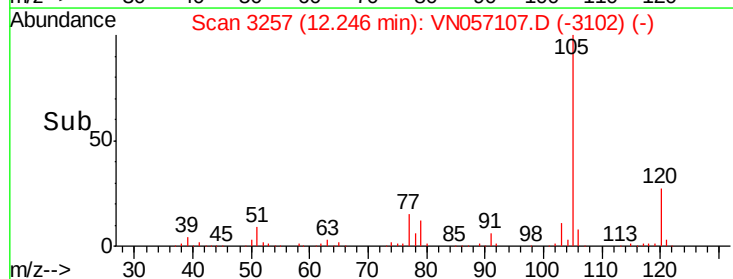
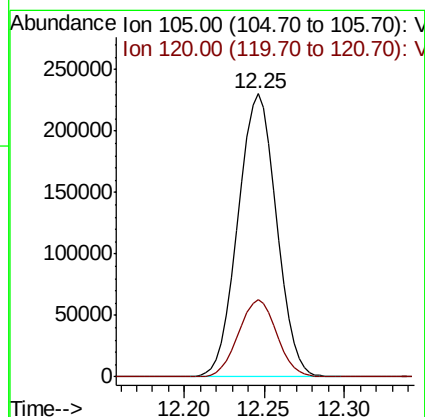
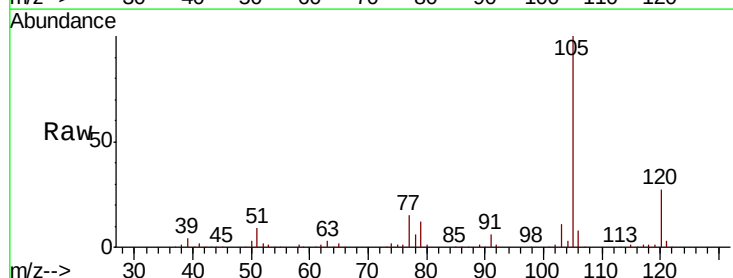
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

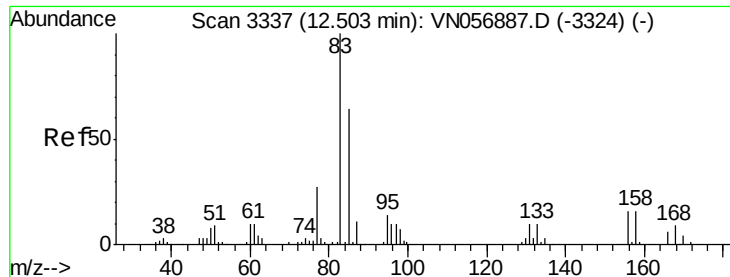
Tgt Ion:104 Resp: 225121
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 56.0 44.7 67.1



#70
Isopropylbenzene
Concen: 18.998 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Tgt Ion:105 Resp: 378146
Ion Ratio Lower Upper
105 100
120 27.1 18.7 34.7

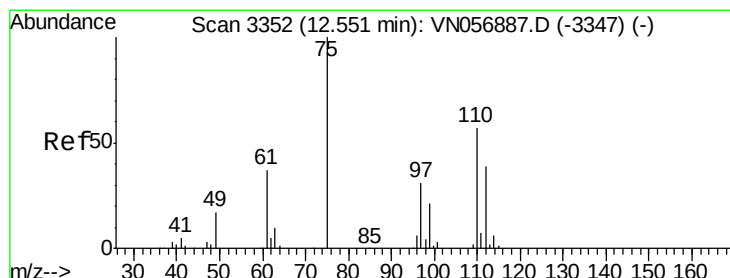
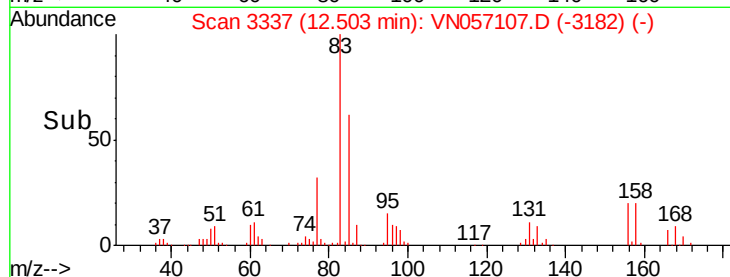
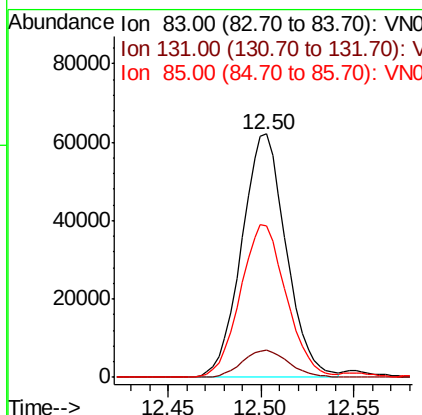
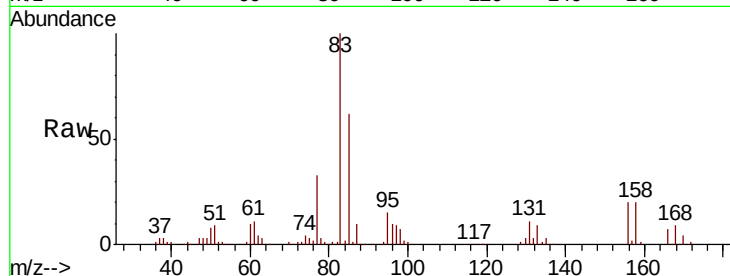




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.588 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

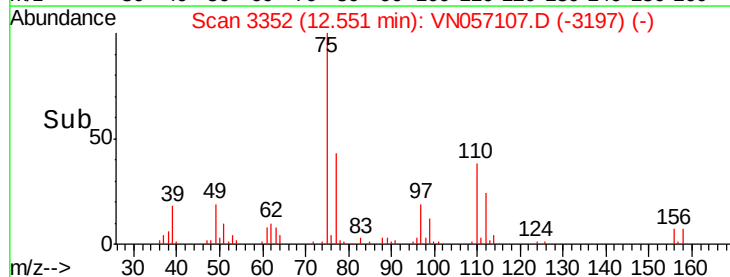
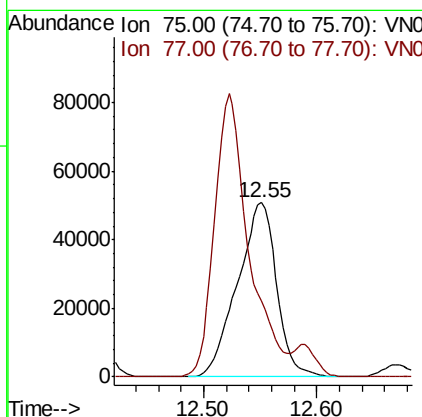
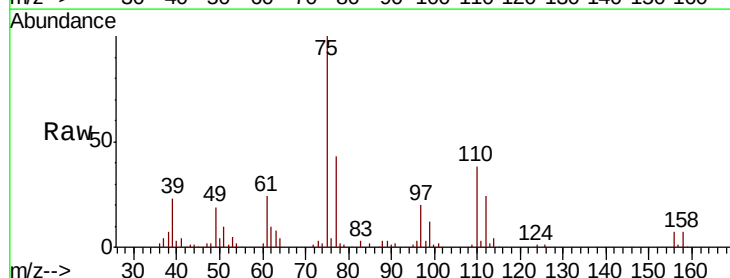
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

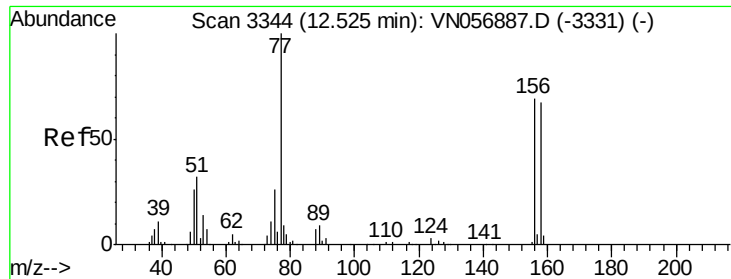
Tgt Ion: 83 Resp: 103632
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.1 15.2
 85 64.4 31.8 95.4



#72
 1,2,3-Trichloropropane
 Concen: 24.968 ug/l
 RT: 12.55 min Scan# 3352
 Delta R.T. -0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 75 Resp: 122477
 Ion Ratio Lower Upper
 75 100
 77 141.3 0.0 378.6





#73

Bromobenzene

Concen: 18.839 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

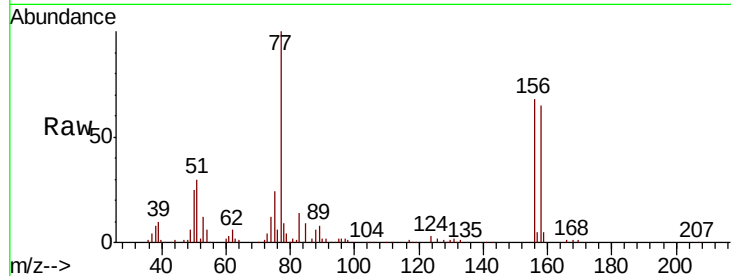
Tgt Ion:156 Resp: 96764

Ion Ratio Lower Upper

156 100

77 178.8 0.0 364.6

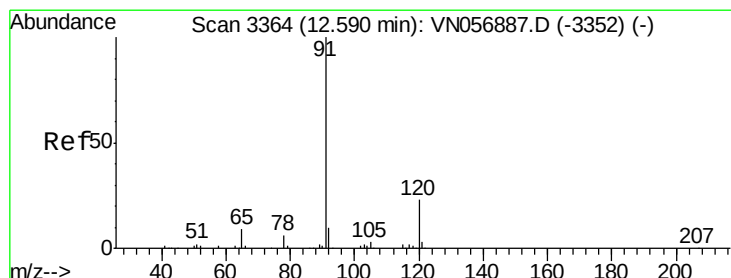
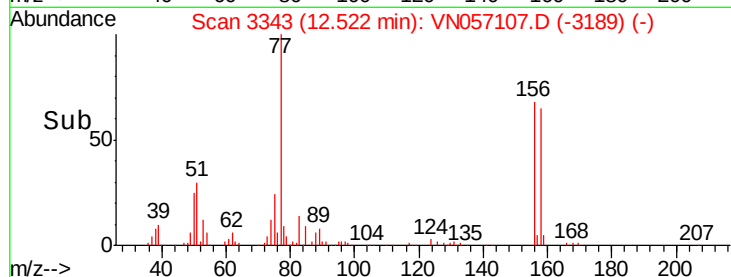
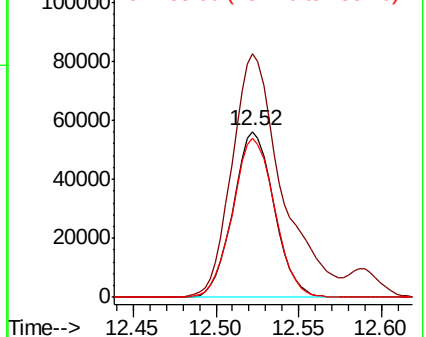
158 98.4 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.198 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN057107.D

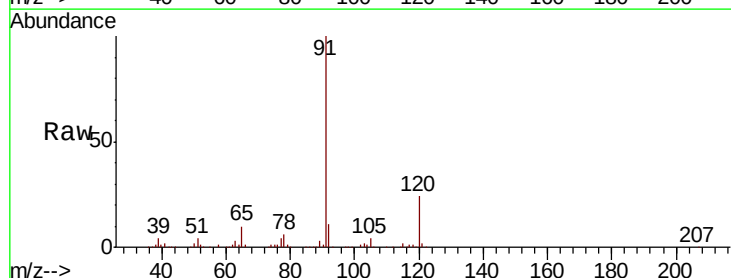
Acq: 6 Aug 2019 16:49

Tgt Ion: 91 Resp: 396068

Ion Ratio Lower Upper

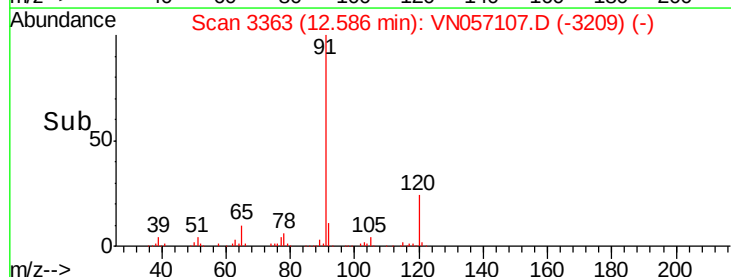
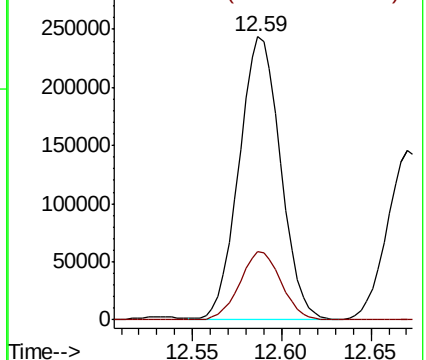
91 100

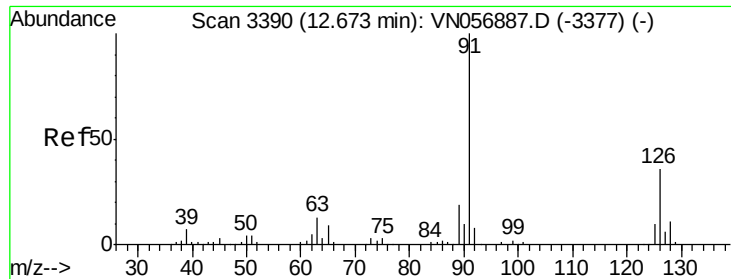
120 24.0 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.514 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

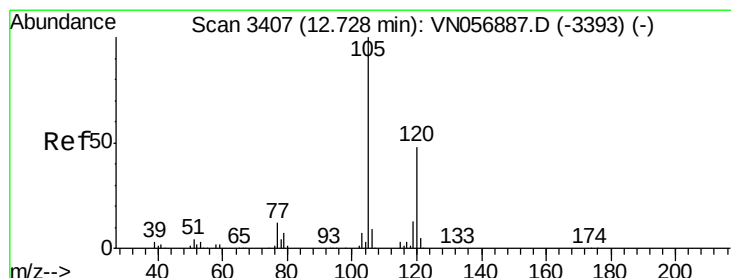
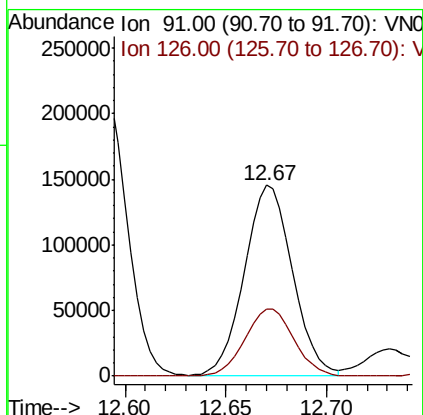
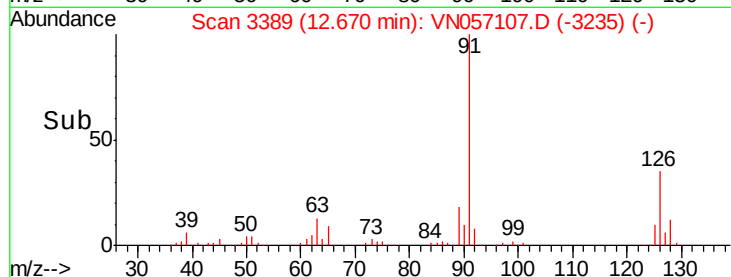
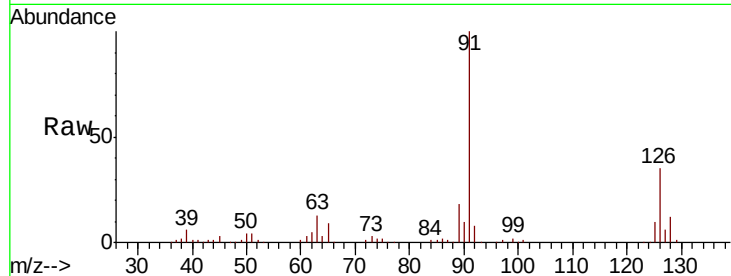
VN0806WBSD02

Tgt Ion: 91 Resp: 244295

Ion Ratio Lower Upper

91 100

126 35.7 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 19.305 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN057107.D

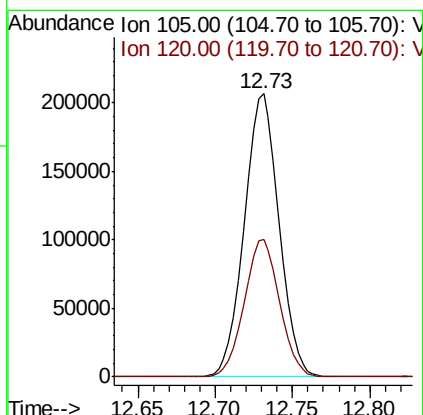
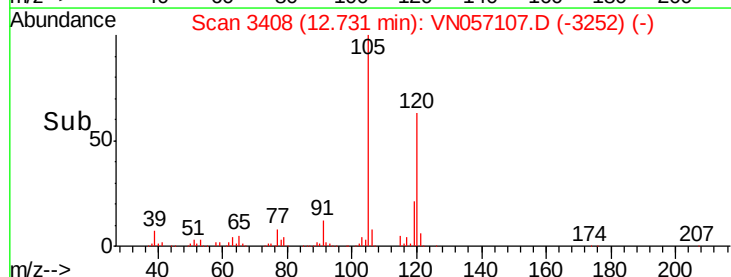
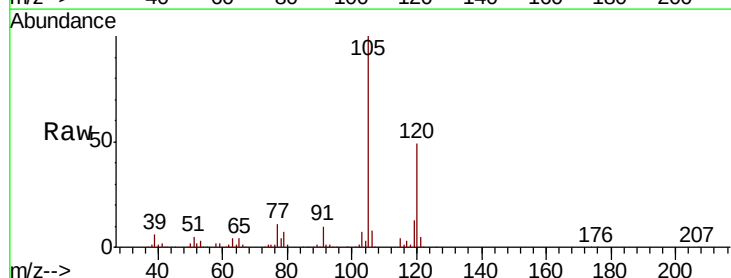
Acq: 6 Aug 2019 16:49

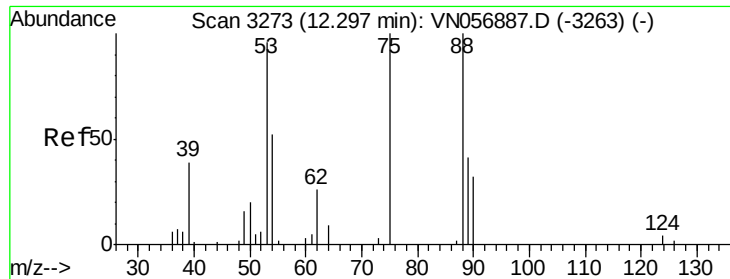
Tgt Ion: 105 Resp: 323499

Ion Ratio Lower Upper

105 100

120 49.2 0.0 97.2





#77

t-1,4-Dichloro-2-butene

Concen: 17.606 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

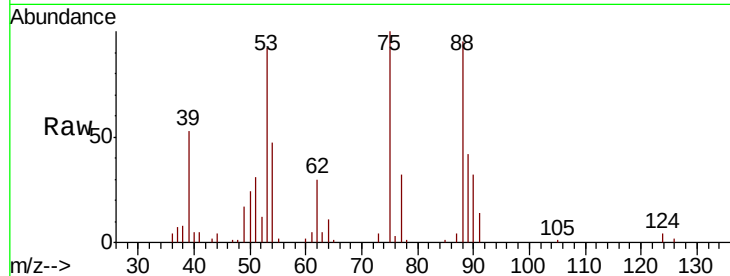
Tgt Ion: 75 Resp: 27115

Ion Ratio Lower Upper

75 100

53 92.2 48.0 144.0

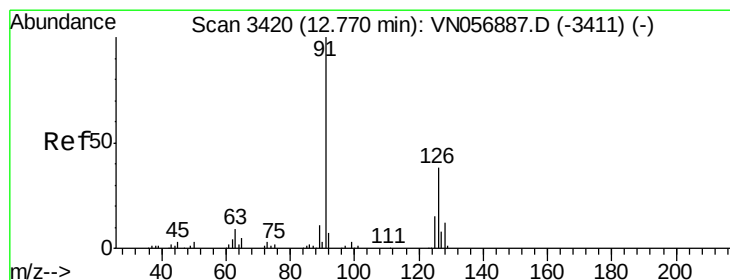
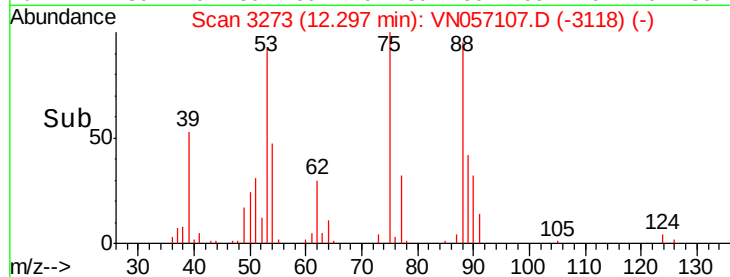
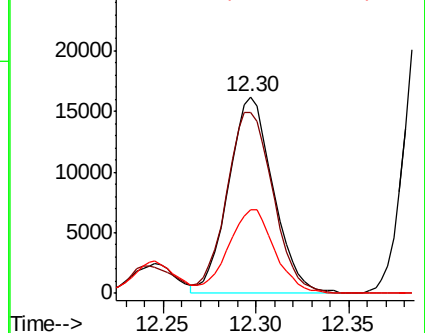
89 42.4 21.4 64.3



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 17.403 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN057107.D

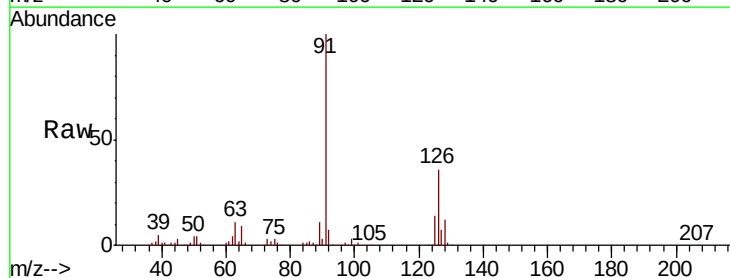
Acq: 6 Aug 2019 16:49

Tgt Ion: 91 Resp: 218282

Ion Ratio Lower Upper

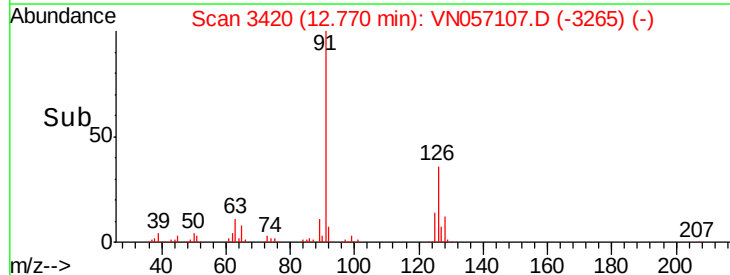
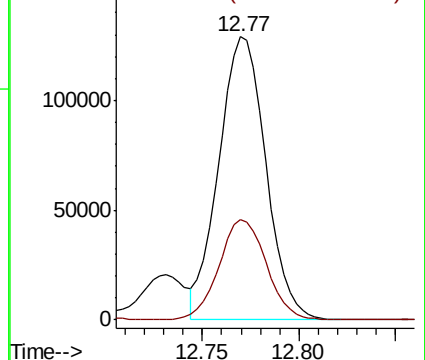
91 100

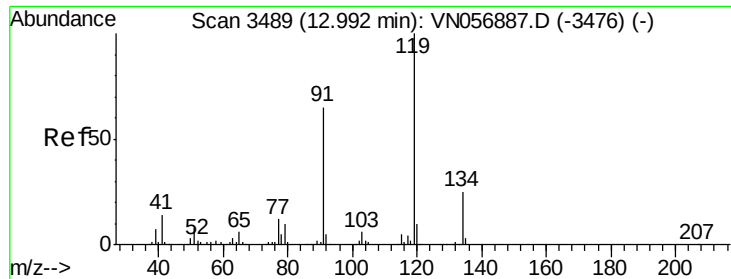
126 35.8 0.0 69.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

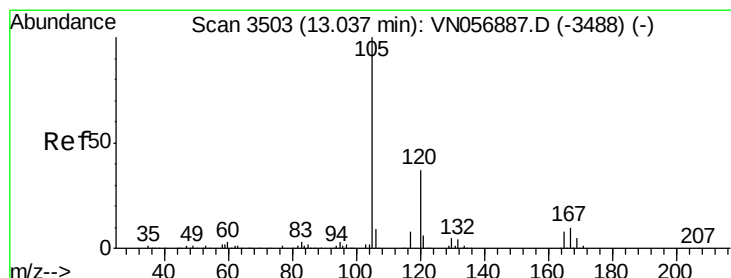
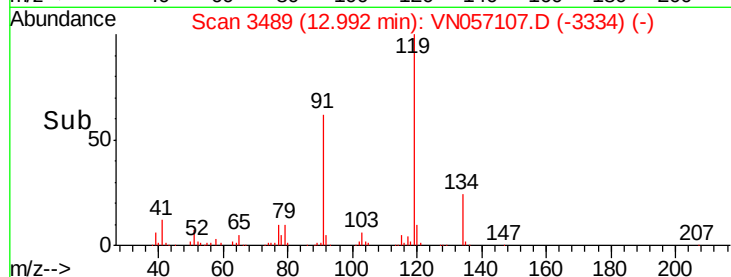
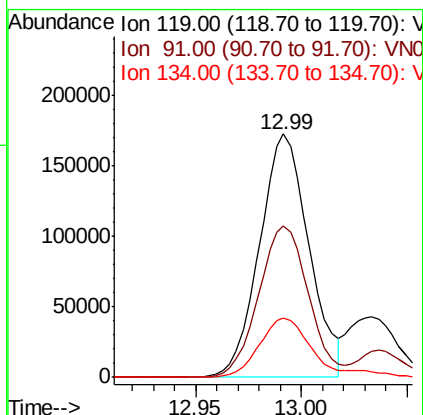
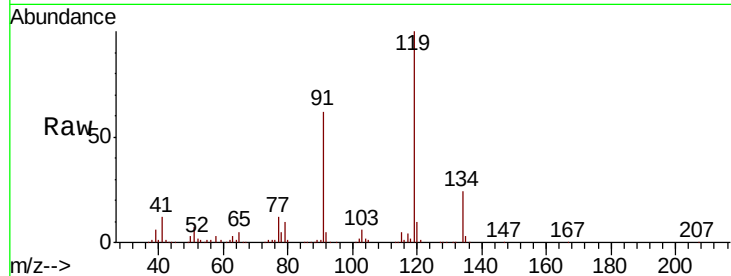




#79
 tert-butylbenzene
 Concen: 19.444 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

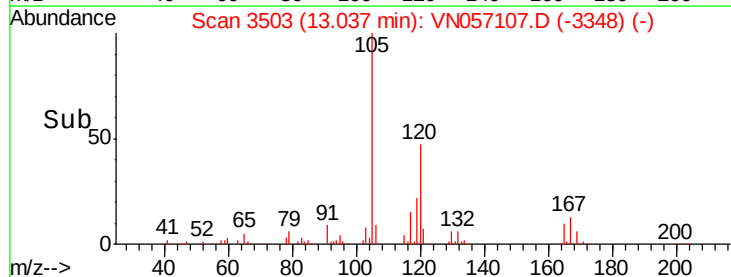
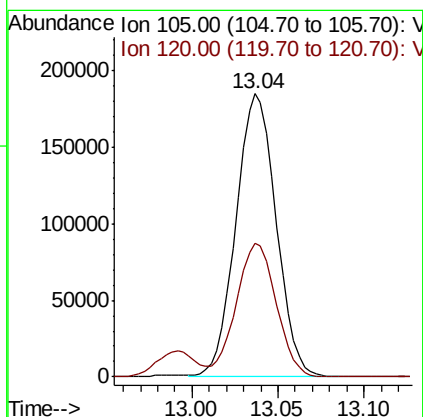
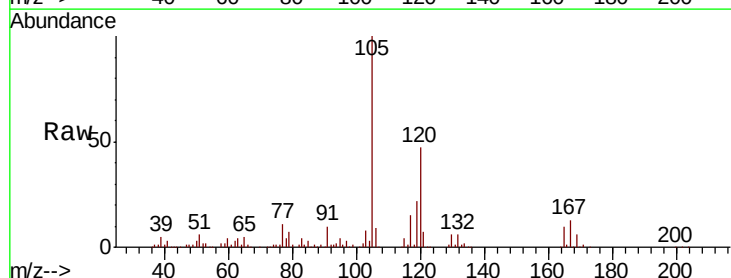
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

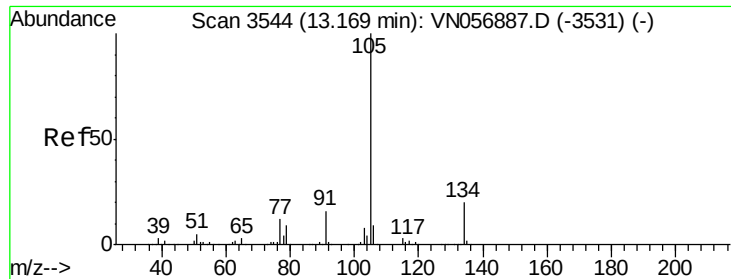
Tgt Ion:119 Resp: 281160
 Ion Ratio Lower Upper
 119 100
 91 62.8 0.0 126.8
 134 24.6 0.0 48.8



#80
 1,2,4-Trimethylbenzene
 Concen: 18.343 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion:105 Resp: 299638
 Ion Ratio Lower Upper
 105 100
 120 47.3 0.0 90.6

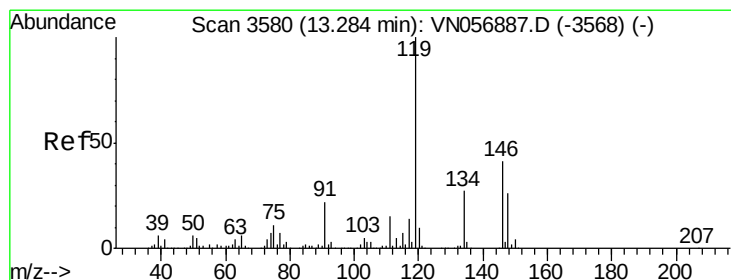
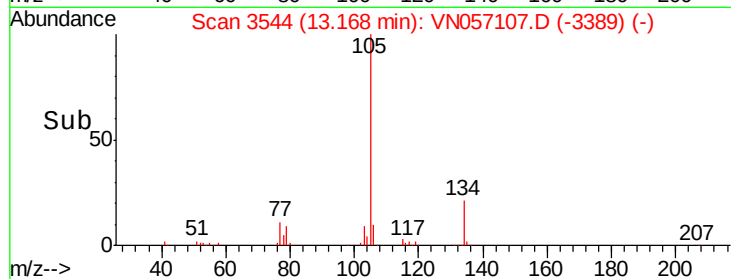
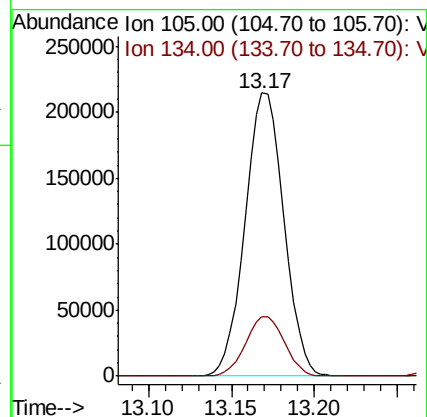
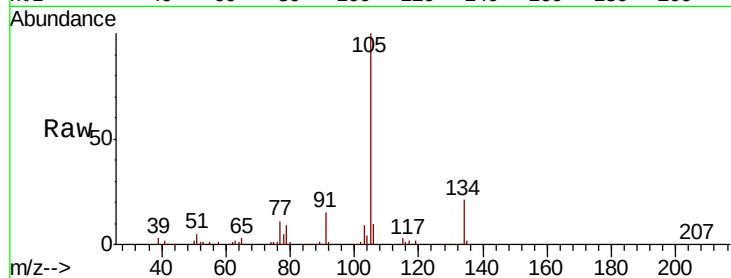




#81
 sec-Butylbenzene
 Concen: 18.530 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

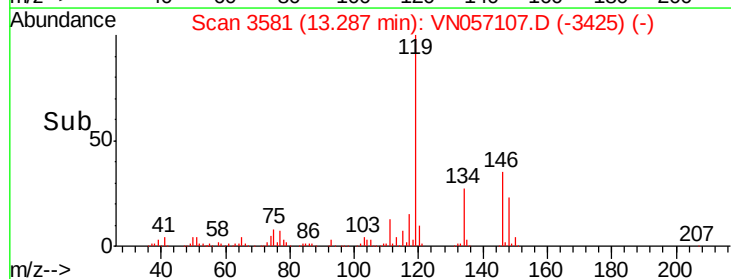
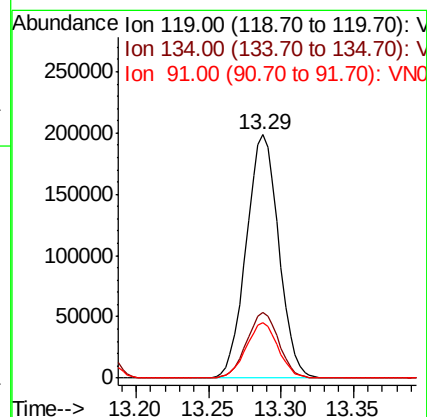
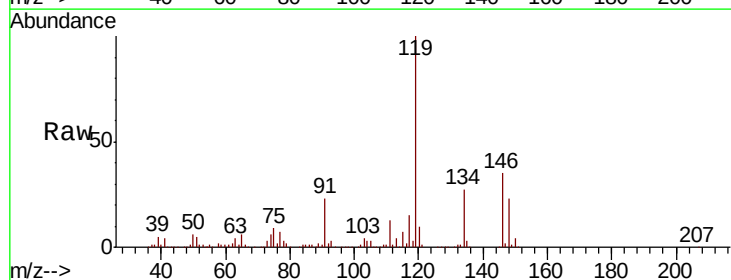
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

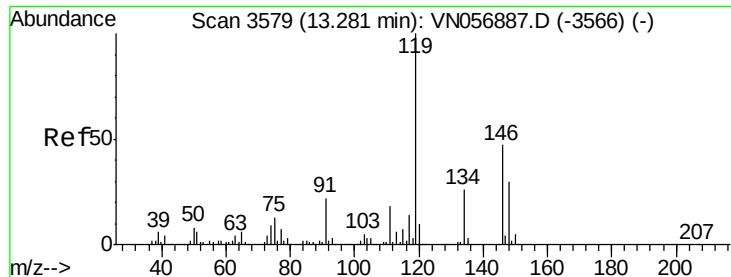
Tgt Ion:105 Resp: 349827
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.285 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion:119 Resp: 310019
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.2
 91 22.4 0.0 44.0

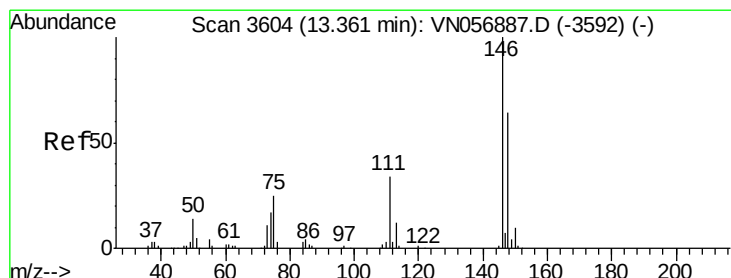
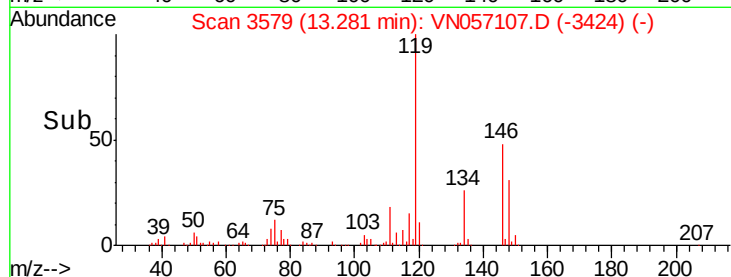
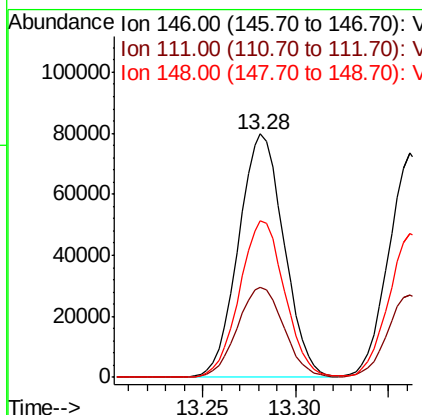
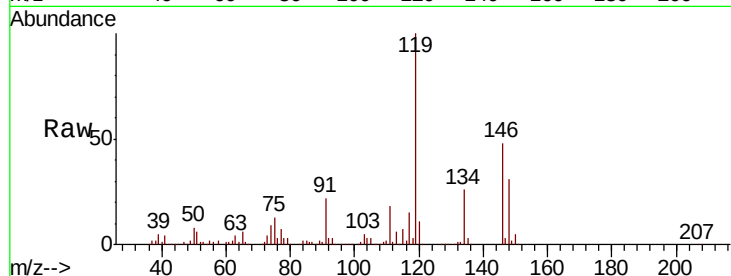




#83
 1,3-Dichlorobenzene
 Concen: 16.769 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

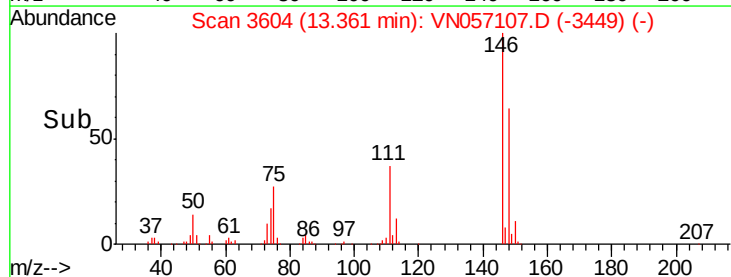
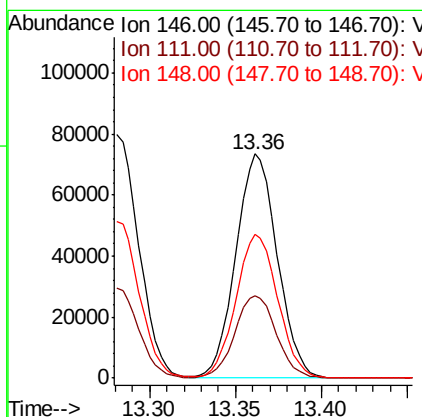
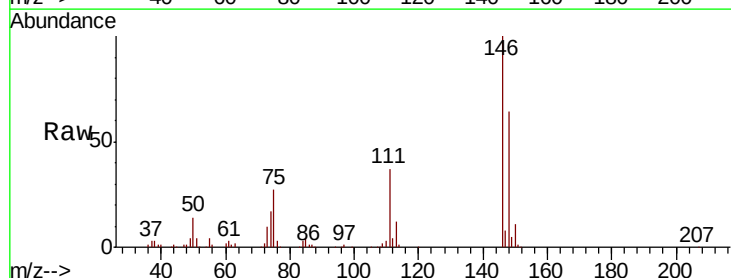
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0806WBSD02

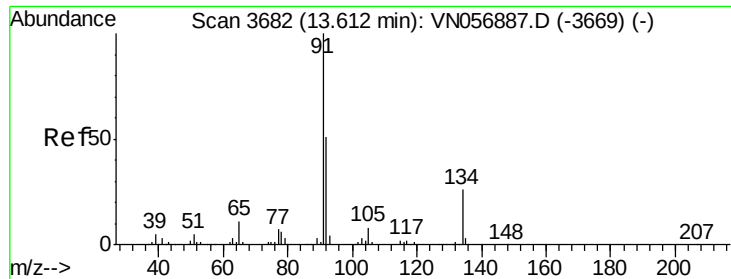
Tgt Ion:146 Resp: 135614
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 63.9 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 16.170 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion:146 Resp: 123644
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.8 53.5
 148 64.5 32.6 97.7





#85

n-Butylbenzene

Concen: 16.479 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

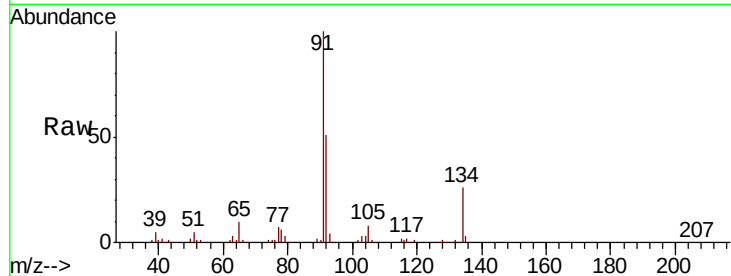
Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

Tgt Ion:	91	Resp:	219397
Ion	Ratio	Lower	Upper
91	100		
92	52.1	0.0	101.8
134	27.0	0.0	52.4

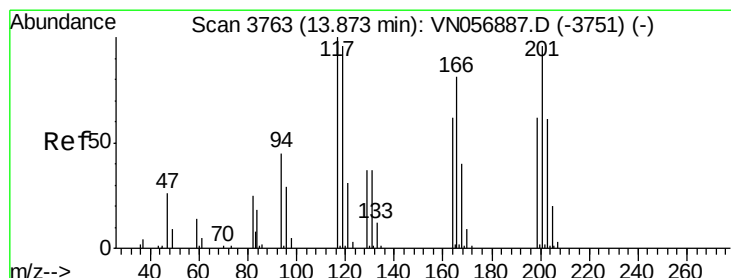
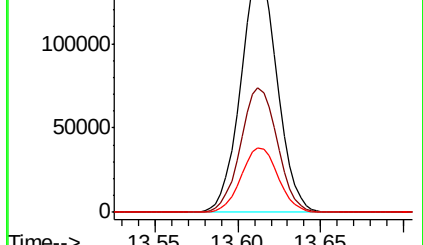
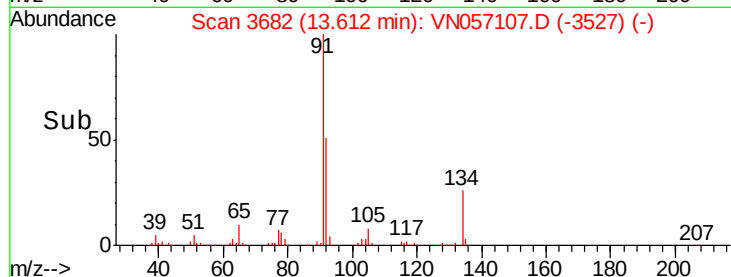


Abundance Ion 91.00 (90.70 to 91.70): VN056887.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN056887.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN056887.D (-3669) (-)

Time-->



#86

Hexachloroethane

Concen: 18.478 ug/l

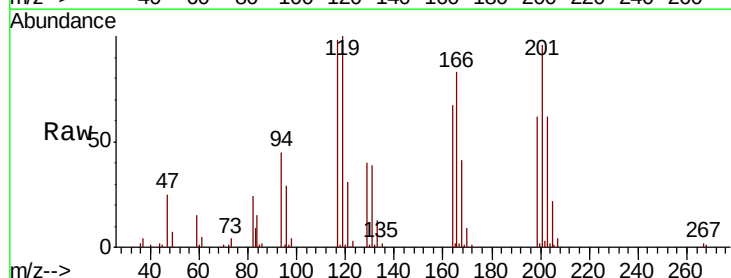
RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN057107.D

Acq: 6 Aug 2019 16:49

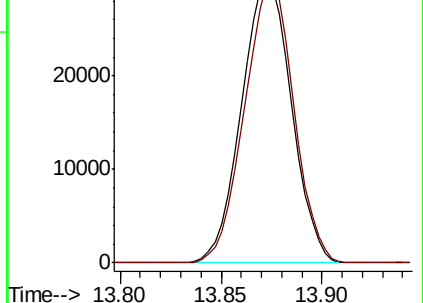
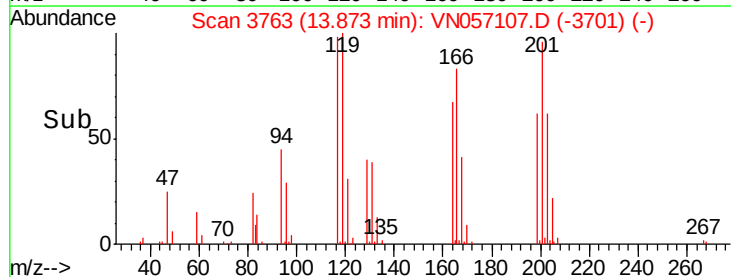
Tgt Ion:	117	Resp:	52432
Ion	Ratio	Lower	Upper
117	100		
201	97.8	47.8	143.3

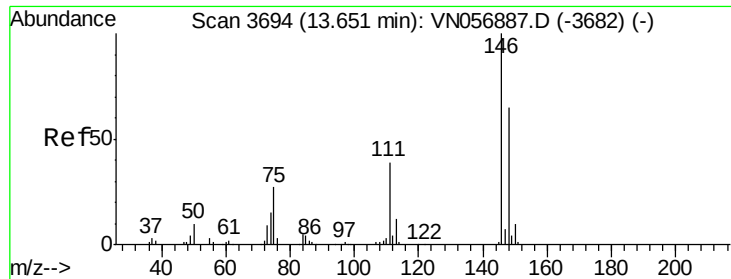


Abundance Ion 117.00 (116.70 to 117.70): VN056887.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056887.D (-3751) (-)

Time-->

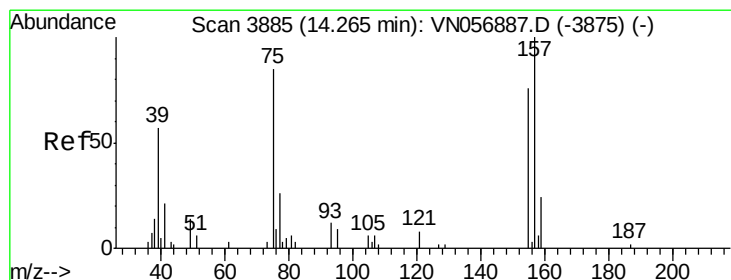
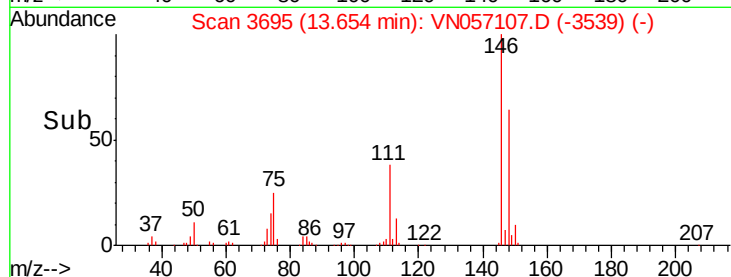
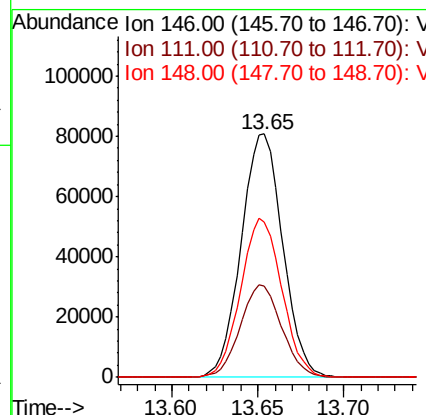
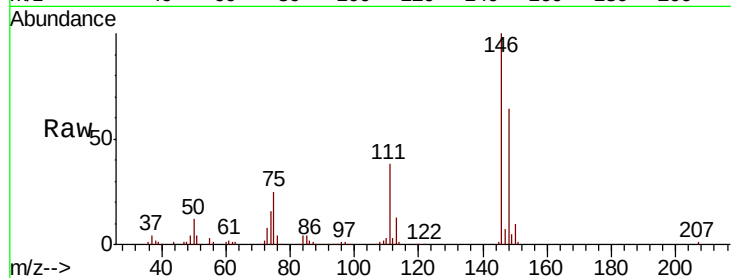




#87
 1,2-Dichlorobenzene
 Concen: 16.881 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

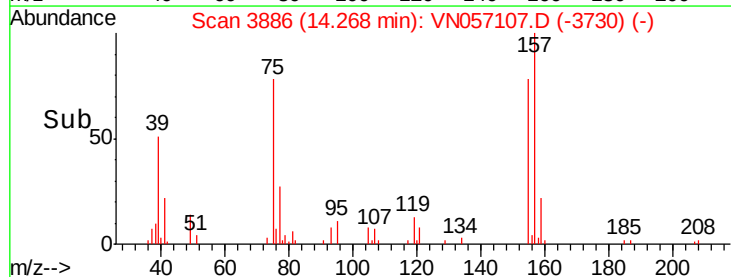
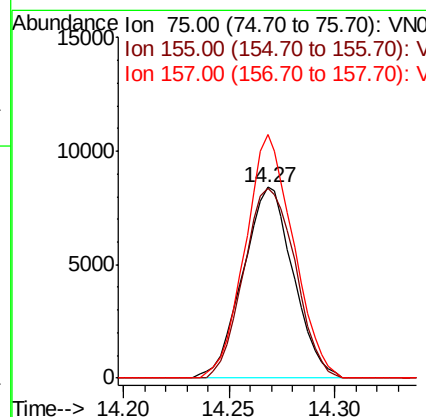
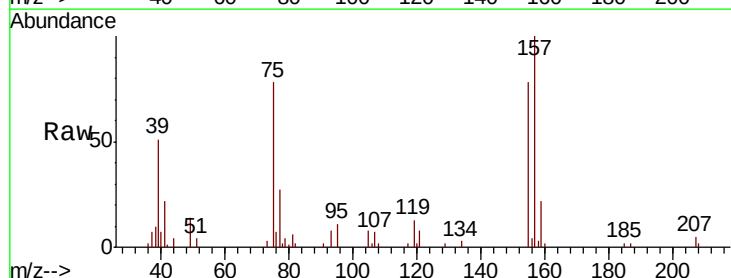
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

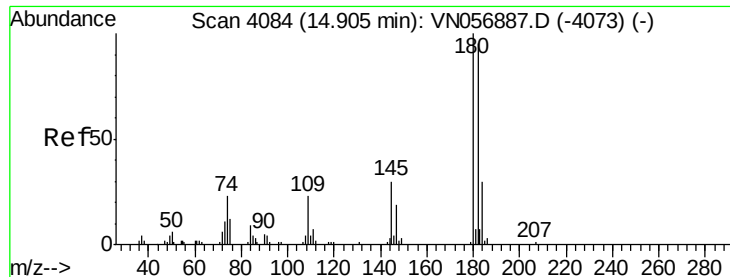
Tgt Ion: 146 Resp: 135600
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.6 58.8
 148 64.6 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.212 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion: 75 Resp: 13983
 Ion Ratio Lower Upper
 75 100
 155 101.8 73.4 110.2
 157 122.2 95.0 142.6

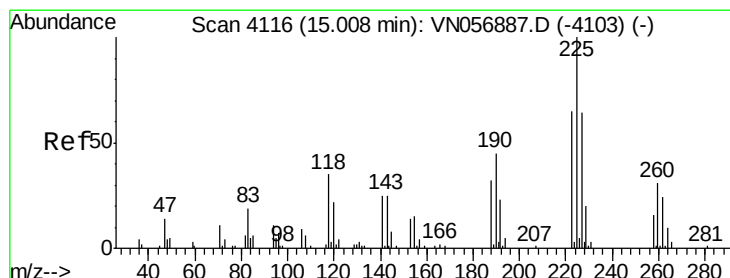
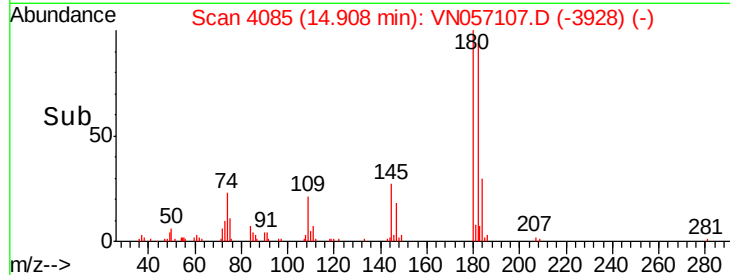
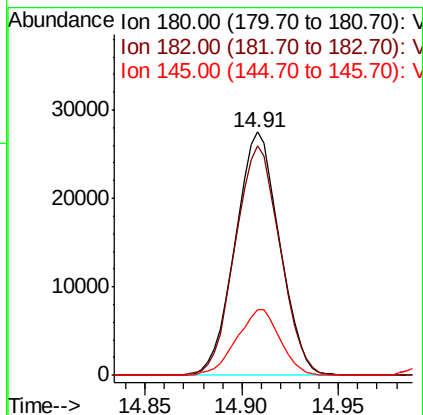
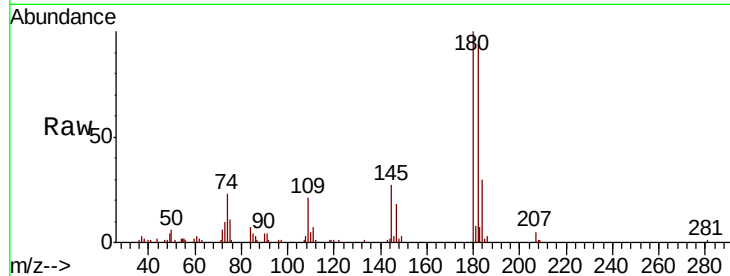




#89
 1,2,4-Trichlorobenzene
 Concen: 15.950 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

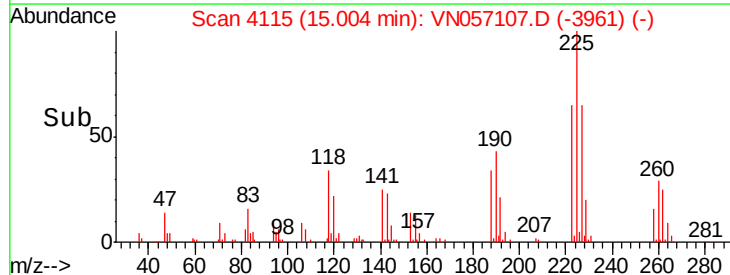
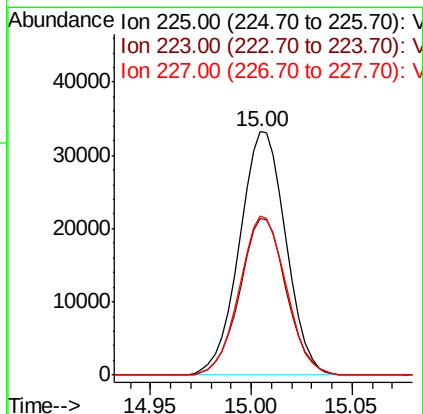
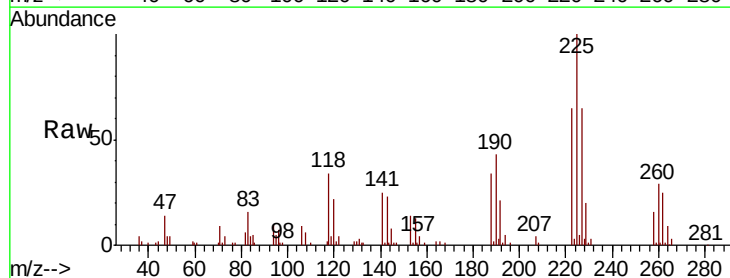
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

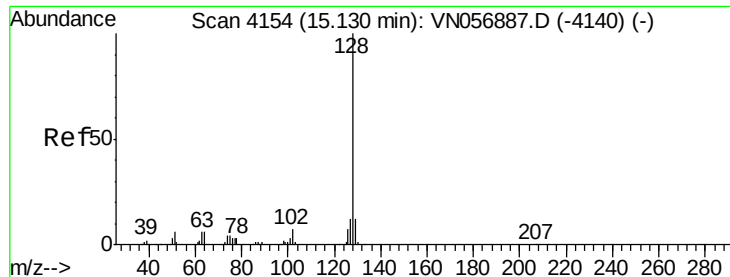
Tgt Ion:180 Resp: 43906
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.0 115.4
 145 26.5 23.5 35.3



#90
 Hexachlorobutadiene
 Concen: 18.164 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN057107.D
 Acq: 6 Aug 2019 16:49

Tgt Ion:225 Resp: 53632
 Ion Ratio Lower Upper
 225 100
 223 64.2 0.0 130.0
 227 65.4 0.0 127.2

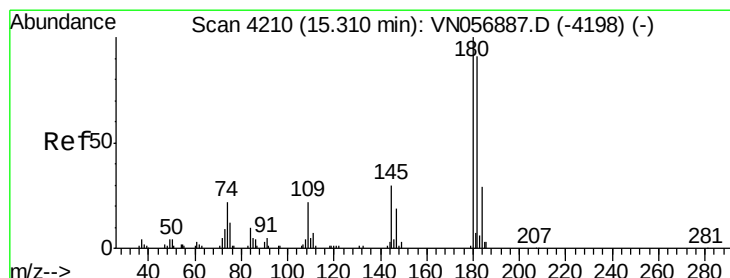
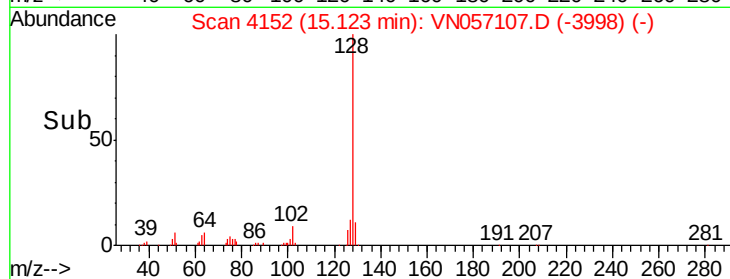
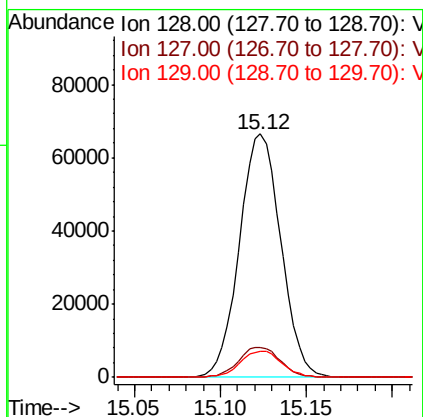
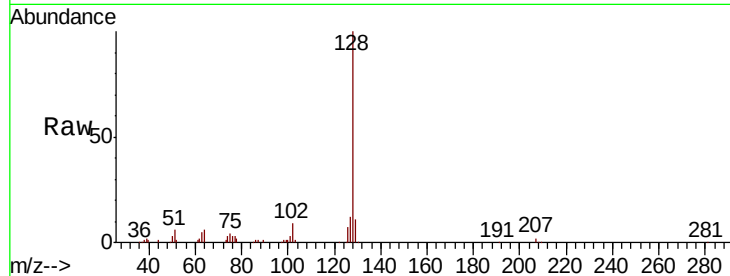




#91
Naphthalene
Concen: 15.498 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. -0.01 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

Tgt Ion:128 Resp: 111005
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 12.543 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.02 min
Lab File: VN057107.D
Acq: 6 Aug 2019 16:49

Tgt Ion:180 Resp: 53263
Ion Ratio Lower Upper
180 100
182 96.7 0.0 188.0
145 28.4 0.0 61.0

