

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070319\
 Data File : VN056586.D
 Acq On : 3 Jul 2019 14:35
 Operator : JC/SP
 Sample : VN0702WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Quant Time: Jul 03 22:21:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 11:05:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	49221	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	274166	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	238139	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	102421	30.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.60%
60) 4-Bromofluorobenzene	12.40	95	107679	29.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.10%
63) Toluene-d8	10.09	98	336600	30.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	51620	20.913	ug/l 96
3) Chloromethane	2.06	50	71198	19.874	ug/l 99
4) Vinyl Chloride	2.18	62	69947	20.745	ug/l 99
5) Bromomethane	2.53	94	42635	23.699	ug/l 99
6) Chloroethane	2.68	64	38606	20.675	ug/l 95
7) Trichlorofluoromethane	3.00	101	93804	21.674	ug/l 94
8) Diethyl Ether	3.41	74	38471	20.956	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	56466	20.591	ug/l 94
10) 1,1-Dichloroethene	3.73	96	55640	20.680	ug/l 96
11) Methyl Iodide	3.95	142	74868	19.459	ug/l 98
12) Methyl Acetate	4.33	43	73865	20.357	ug/l 96
13) Acrolein	3.61	56	33972	95.892	ug/l 94
14) Acrylonitrile	4.99	53	168145	105.539	ug/l 100
15) Acetone	3.82	58	44946	101.109	ug/l 94
16) Carbon Disulfide	4.05	76	124337	19.219	ug/l 100
17) Allyl chloride	4.32	41	94046	19.974	ug/l 97
18) Methylene Chloride	4.55	84	63561	19.981	ug/l 89
19) trans-1,2-Dichloroethene	5.04	96	59265	20.309	ug/l 94
20) Diisopropyl ether	5.95	45	203055	20.874	ug/l 98
21) 1,1-Dichloroethane	5.85	63	112954	20.584	ug/l 97
22) cis-1,2-Dichloroethene	6.83	96	69565	20.272	ug/l 94
23) tert-Butyl Alcohol	4.80	59	63426	106.423	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	181969	20.448	ug/l 98
25) Chloroform	7.37	83	110663	20.575	ug/l 99
26) Cyclohexane	7.65	56	103087	20.396	ug/l # 94
29) 1,1-Dichloropropene	7.79	75	81129	20.039	ug/l 98
30) 2-Butanone	6.84	43	222980	99.349	ug/l # 93
31) 2,2-Dichloropropane	6.82	77	70773	18.180	ug/l 97
32) 1,1,1-Trichloroethane	7.57	97	86429	20.025	ug/l 98
33) Carbon Tetrachloride	7.77	117	72429	19.796	ug/l 99
34) Benzene	8.04	78	260696	20.592	ug/l 99
35) Methacrylonitrile	7.18	41	39109	19.621	ug/l 96
36) 1,2-Dichloroethane	8.12	62	84638	20.570	ug/l 96
37) Trichloroethene	8.83	130	67502	20.444	ug/l 95
38) Methylcyclohexane	9.08	83	101660	20.037	ug/l 99
39) 1,2-Dichloropropane	9.12	63	71291	20.919	ug/l 97
40) Dibromomethane	9.21	93	43318	20.563	ug/l 93

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 Sample : VN0702WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0703WBSD01

Quant Time: Jul 03 22:21:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 11:05:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	77161	19.763	ug/l	100
42) Vinyl Acetate	5.90	43	815406	102.033	ug/l	98
43) Ethyl Acetate	6.93	43	88450	20.372	ug/l	96
44) Isopropyl Acetate	8.17	43	136032	20.082	ug/l #	86
45) 1,4-Dioxane	9.20	88	28067	423.467	ug/l	87
46) Methyl methacrylate	9.20	41	67304	20.222	ug/l	94
47) n-amyl Acetate	12.07	43	110068	19.549	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	80340	19.199	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	94546	19.589	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	63814	20.563	ug/l	96
51) Ethyl methacrylate	10.43	69	99497	20.356	ug/l	94
52) 1,3-Dichloropropane	10.71	76	109060	20.681	ug/l	99
53) Dibromochloromethane	10.90	129	58317	19.172	ug/l	100
54) 1,2-Dibromoethane	11.00	107	65059	20.119	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	248947	99.953	ug/l	98
56) Bromoform	12.13	173	40353	18.257	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	445041	103.941	ug/l	97
59) 2-Hexanone	10.75	43	321239	101.107	ug/l	98
61) Tetrachloroethene	10.63	164	62769	21.000	ug/l	98
62) Toluene	10.16	91	275240	20.709	ug/l	100
64) Chlorobenzene	11.43	112	163223	20.385	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	59161	20.515	ug/l	98
66) Ethyl Benzene	11.51	91	289776	20.108	ug/l	98
67) m/p-Xylenes	11.62	106	218630	41.110	ug/l	95
68) o-Xylene	11.95	106	107750	20.487	ug/l	97
69) Styrene	11.96	104	175638	20.071	ug/l	98
70) Isopropylbenzene	12.25	105	281285	20.498	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	92315	20.348	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	107430	28.159	ug/l	68
73) Bromobenzene	12.53	156	71724	20.266	ug/l	90
74) n-propylbenzene	12.59	91	309571	19.884	ug/l	97
75) 2-Chlorotoluene	12.67	91	189249	20.329	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	236274	20.333	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	21834	17.867	ug/l	98
78) 4-Chlorotoluene	12.77	91	183576	20.276	ug/l	96
79) tert-butylbenzene	12.99	119	202622	20.409	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	231239	20.148	ug/l	98
81) sec-Butylbenzene	13.17	105	264485	20.089	ug/l	98
82) p-Isopropyltoluene	13.29	119	236191	19.954	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	116458	19.815	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	109496	19.313	ug/l	99
85) n-Butylbenzene	13.61	91	187707	18.870	ug/l	97
86) Hexachloroethane	13.87	117	32768	18.359	ug/l	95
87) 1,2-Dichlorobenzene	13.65	146	117494	19.686	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	14937	18.374	ug/l	91
89) 1,2,4-Trichlorobenzene	14.91	180	56508	17.129	ug/l	99
90) Hexachlorobutadiene	15.01	225	40079	19.554	ug/l	98
91) Naphthalene	15.13	128	160303	17.316	ug/l	100
92) 1,2,3-Trichlorobenzene	15.31	180	62309	17.992	ug/l	99

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Sample : VN0702WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Quant Time: Jul 03 22:21:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 11:05:14 2019
Response via : Initial Calibration

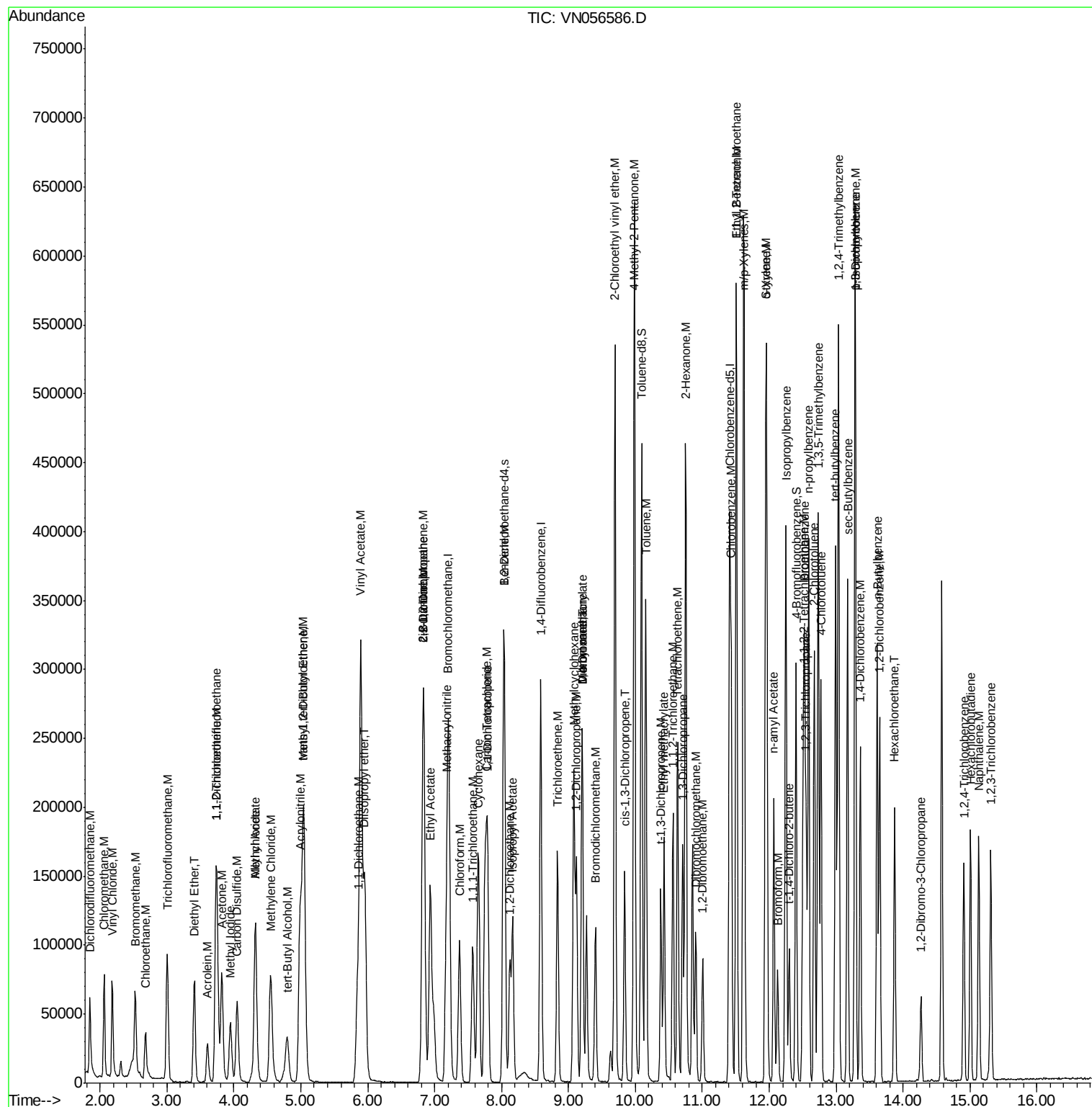
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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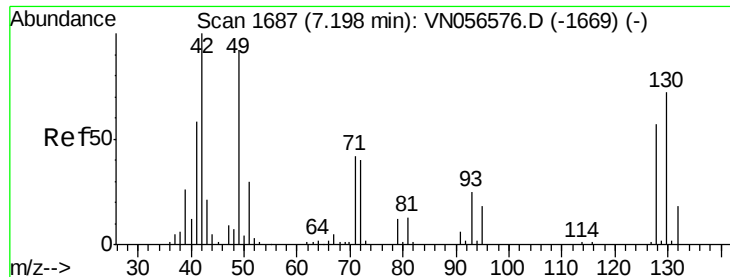
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070319\
Data File : VN056586.D
Acq On : 3 Jul 2019 14:35
Operator : JC/SP
Sample : VN0702WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Quant Time: Jul 03 22:21:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 11:05:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

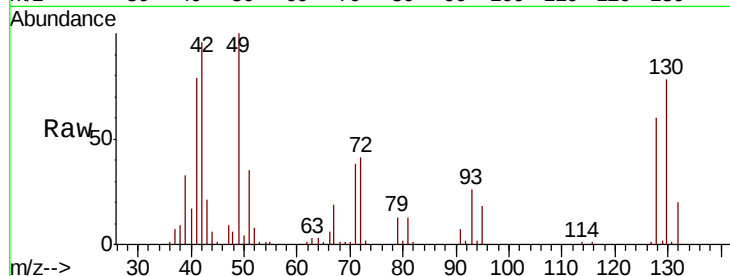
Tot Ion:128 Resp: 49221

Ion Ratio Lower Upper

128 100

49 162.6 0.0 355.8

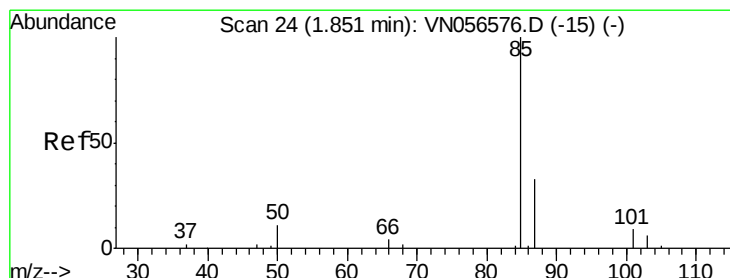
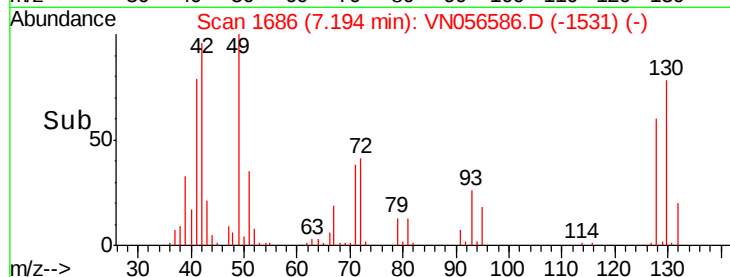
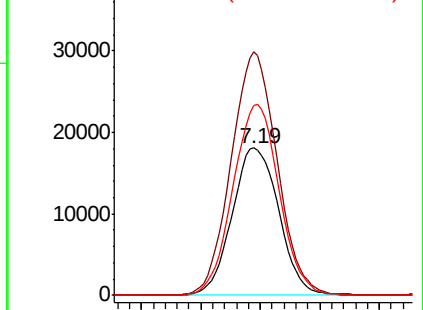
130 128.3 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.913 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056586.D

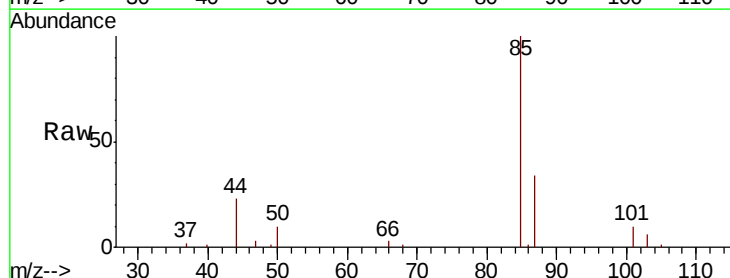
Acq: 3 Jul 2019 14:35

Tgt Ion: 85 Resp: 51620

Ion Ratio Lower Upper

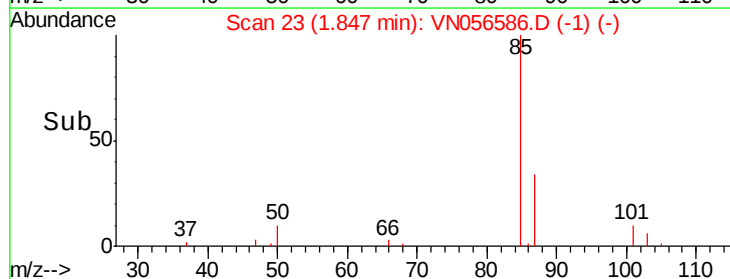
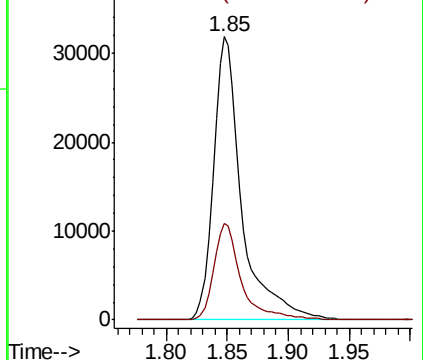
85 100

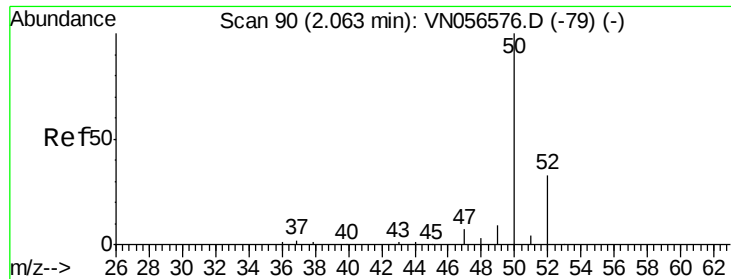
87 33.9 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 19.874 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

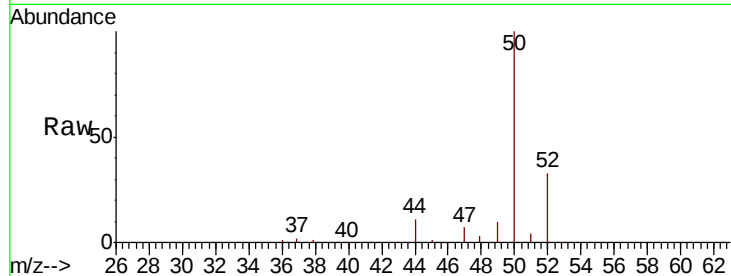
VN0703WBSD01

Tot Ion: 50 Resp: 71198

Ion Ratio Lower Upper

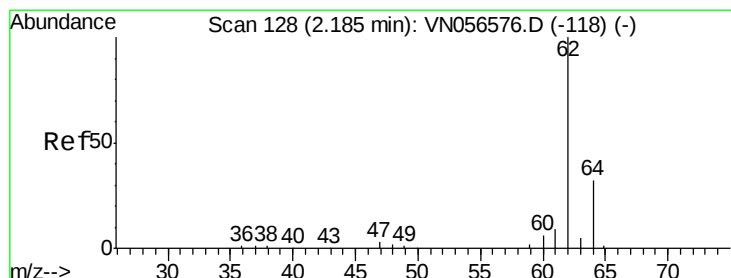
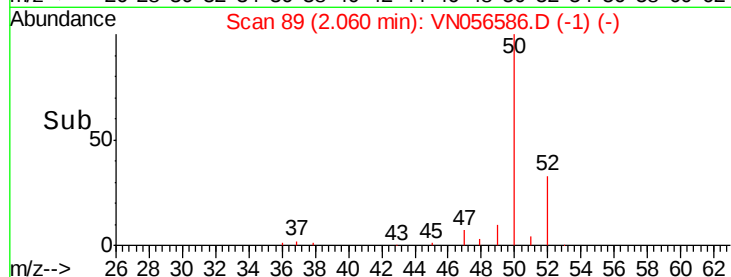
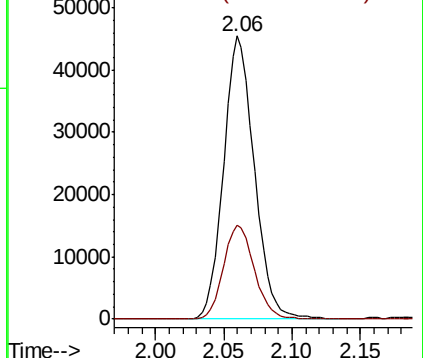
50 100

52 33.0 26.7 40.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.745 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056586.D

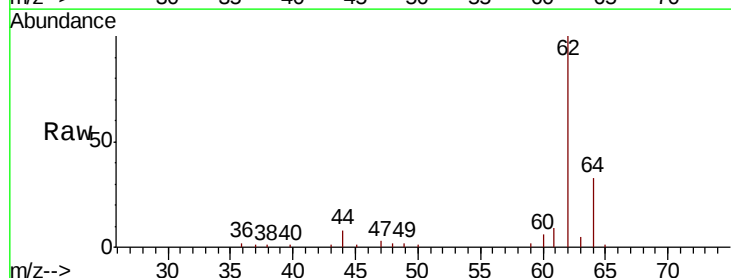
Acq: 3 Jul 2019 14:35

Tgt Ion: 62 Resp: 69947

Ion Ratio Lower Upper

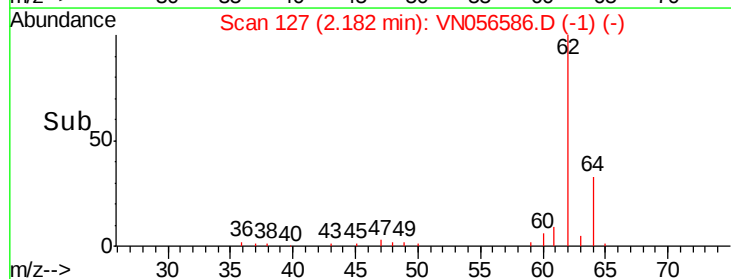
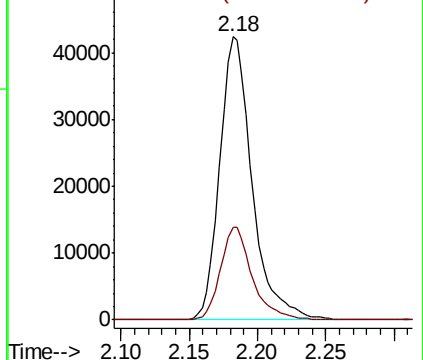
62 100

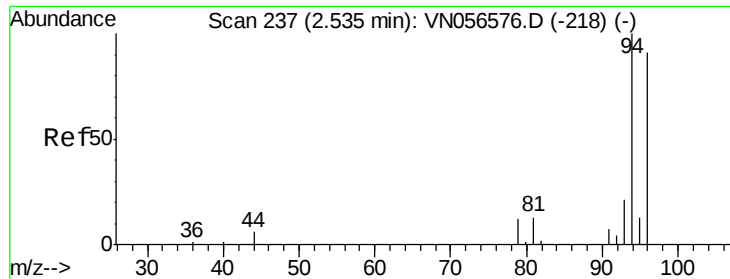
64 32.8 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

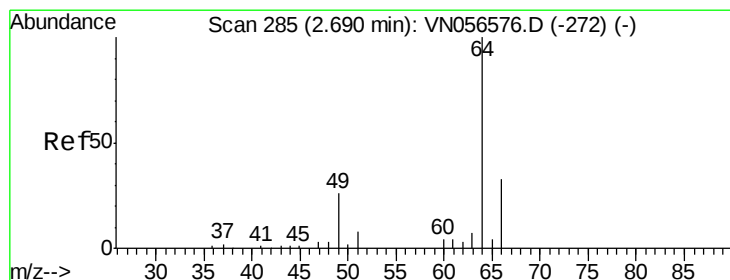
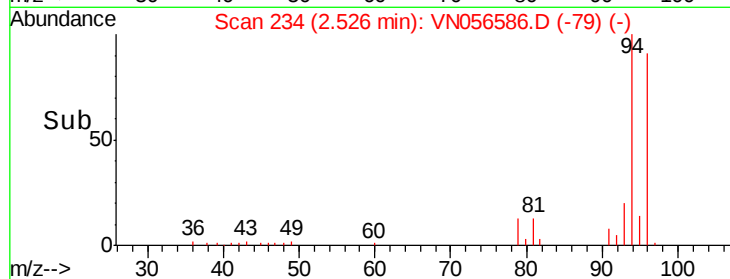
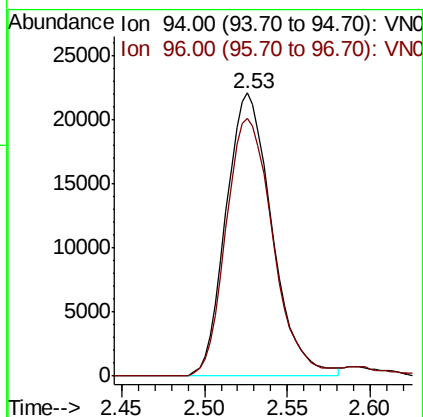
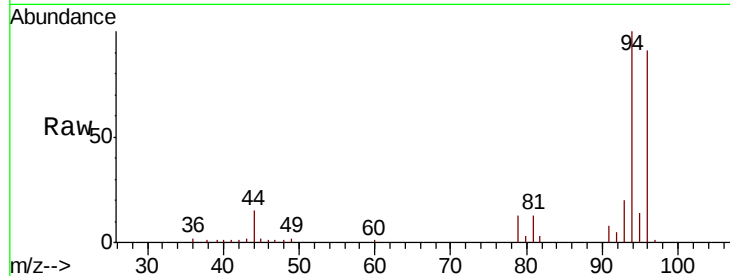




#5
Bromomethane
Concen: 23.699 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

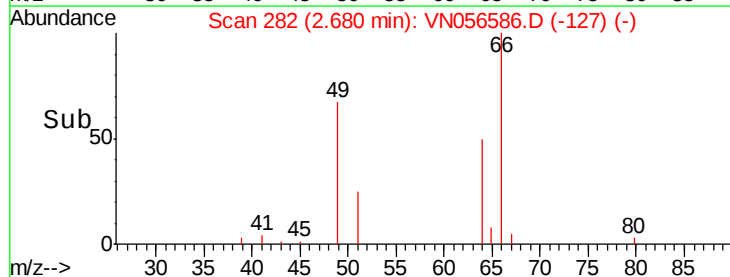
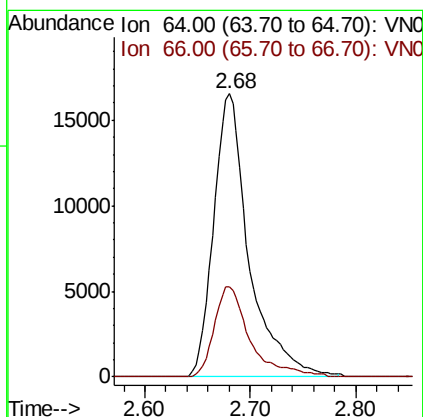
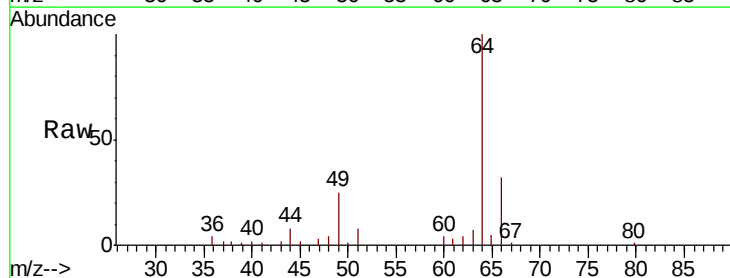
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

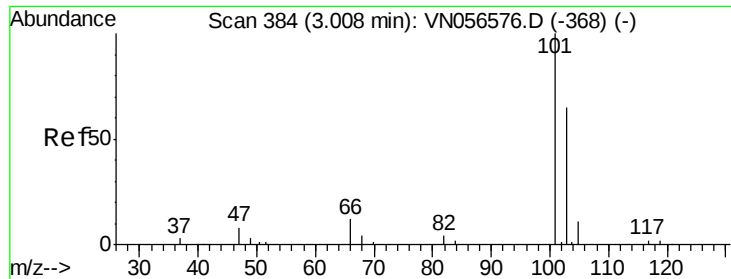
Tot Ion: 94 Resp: 42635
Ion Ratio Lower Upper
94 100
96 91.2 74.1 111.1



#6
Chloroethane
Concen: 20.675 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 64 Resp: 38606
Ion Ratio Lower Upper
64 100
66 32.0 23.7 35.5



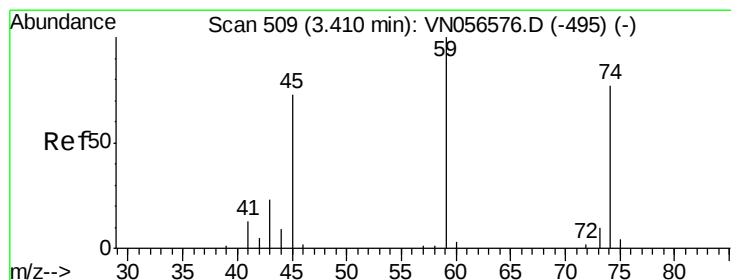
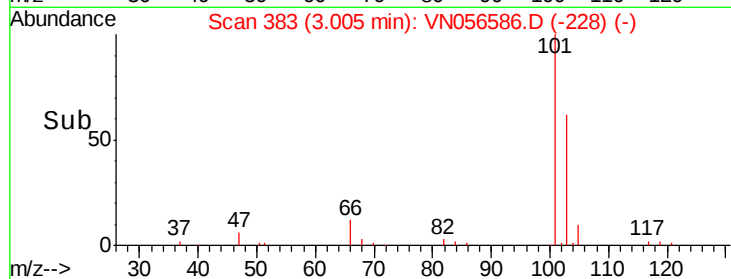
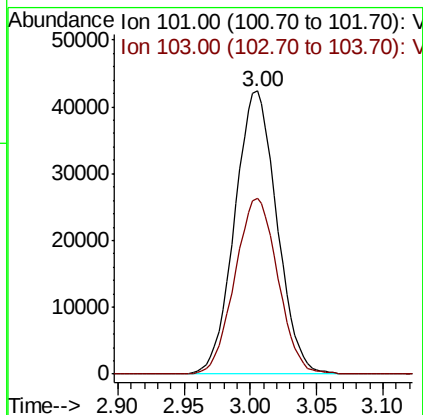
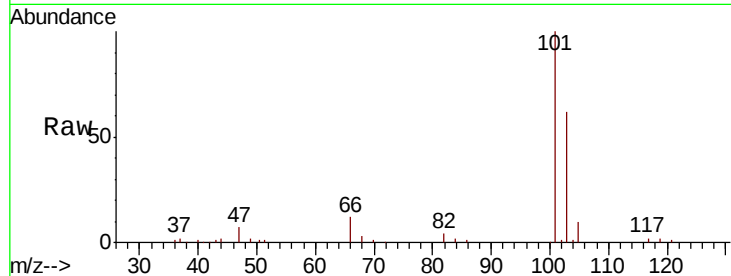


#7

Trichlorofluoromethane
 Concen: 21.674 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

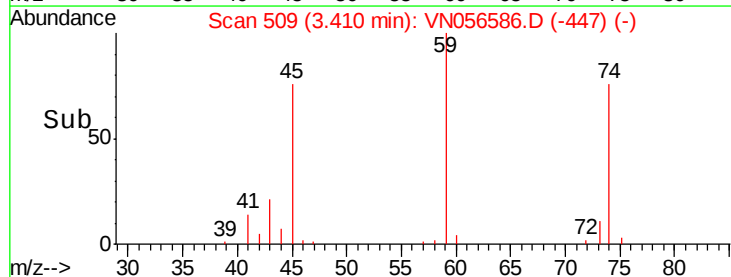
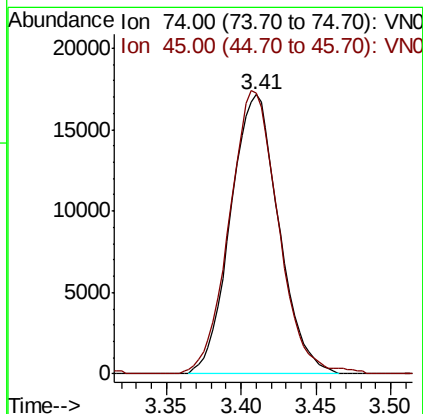
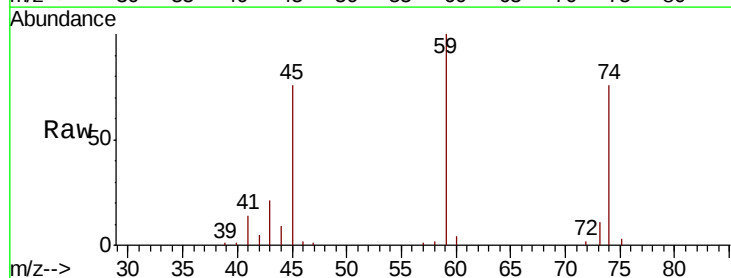
Tot Ion:101 Resp: 93804
 Ion Ratio Lower Upper
 101 100
 103 62.2 53.4 80.0

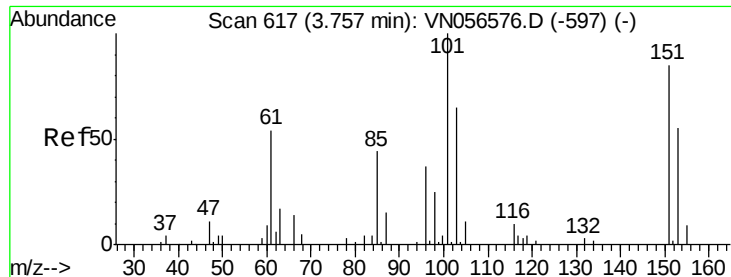


#8

Diethyl Ether
 Concen: 20.956 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion: 74 Resp: 38471
 Ion Ratio Lower Upper
 74 100
 45 102.4 18.8 169.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.591 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampled :

VN0703WBSD01

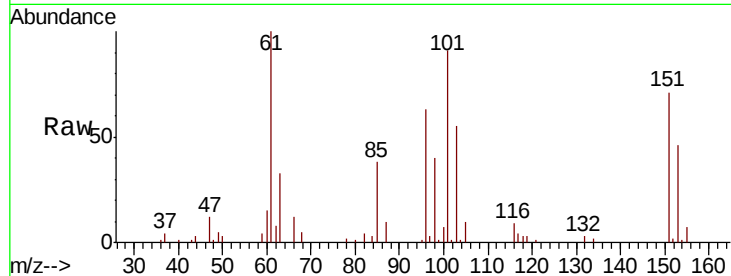
Tot Ion:101 Resp: 56466

Ion Ratio Lower Upper

101 100

85 41.8 0.0 82.0

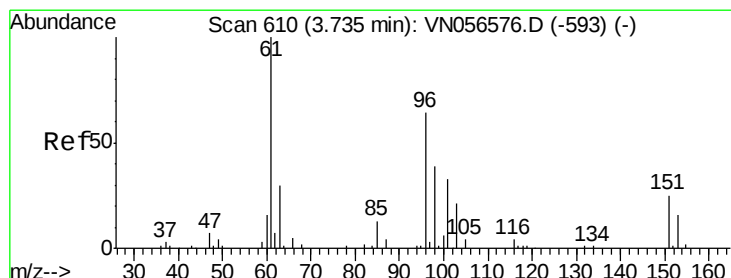
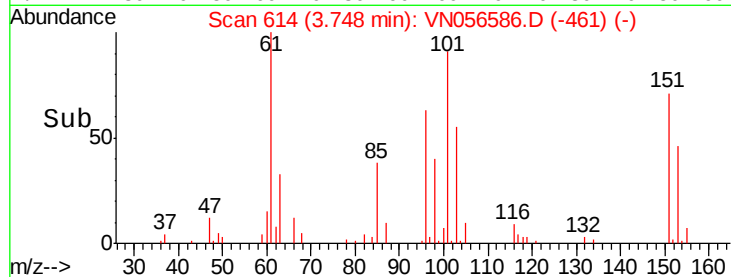
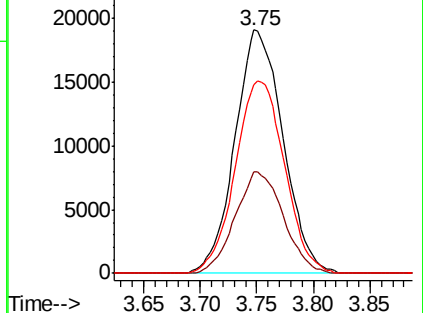
151 81.0 0.0 177.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.680 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

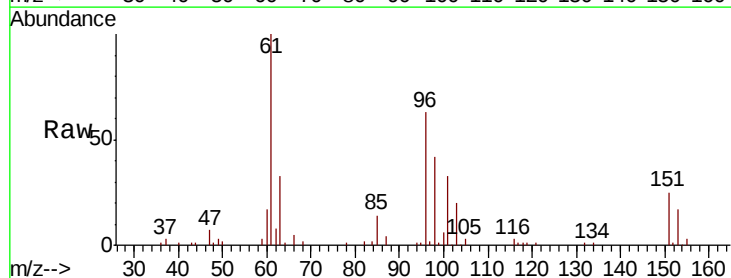
Tgt Ion: 96 Resp: 55640

Ion Ratio Lower Upper

96 100

61 156.7 119.7 179.5

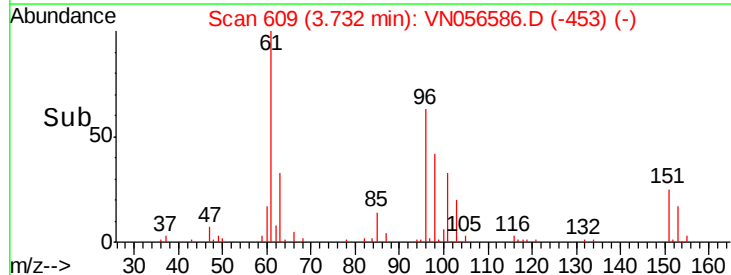
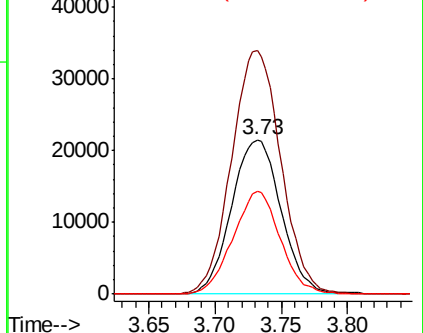
98 66.9 52.3 78.5

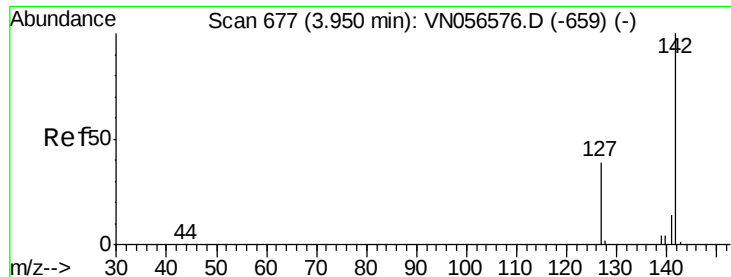


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

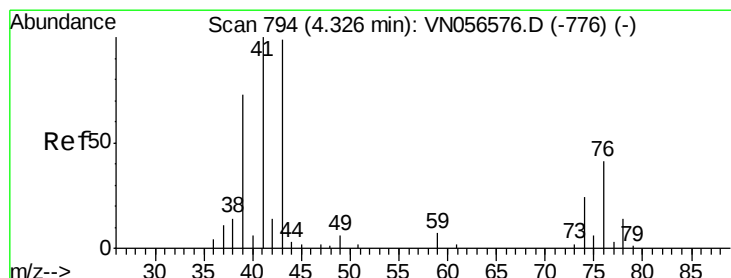
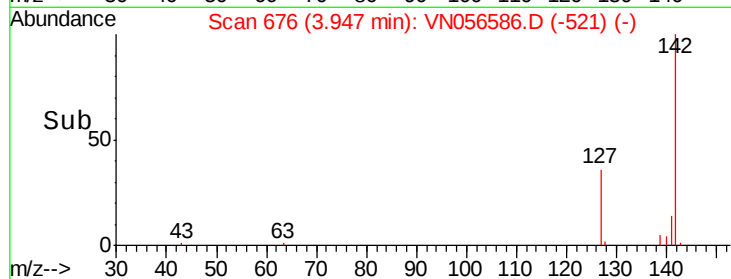
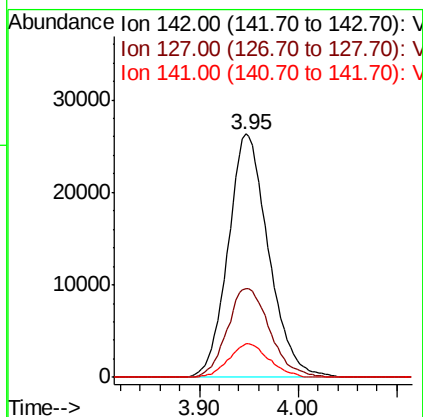
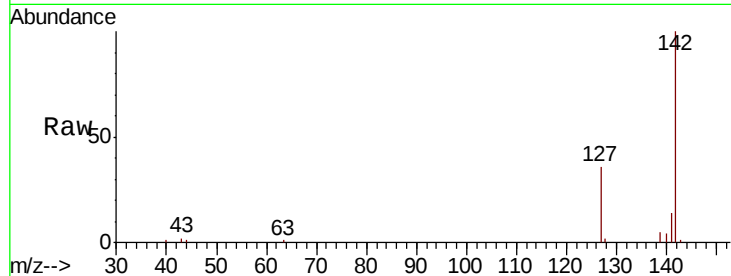




#11
Methyl Iodide
Concen: 19.459 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

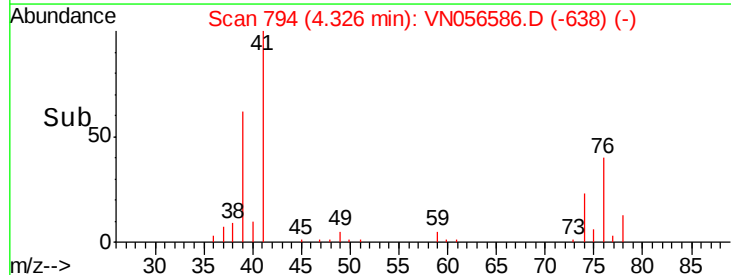
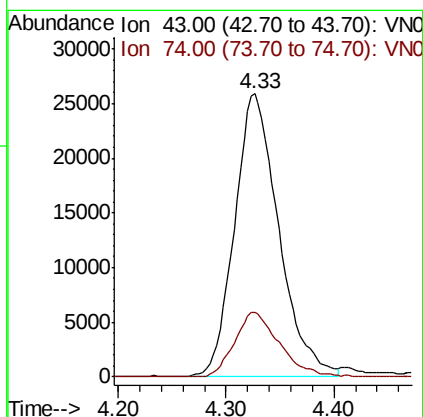
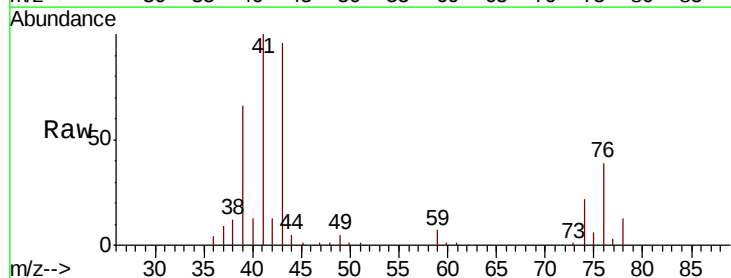
Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

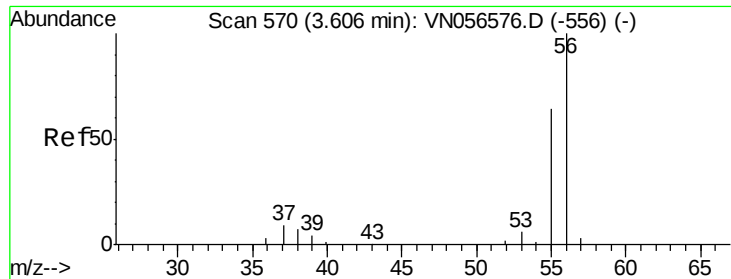
Tot Ion:142 Resp: 74868
Ion Ratio Lower Upper
142 100
127 36.4 19.0 57.0
141 13.7 6.7 20.0



#12
Methyl Acetate
Concen: 20.357 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 43 Resp: 73865
Ion Ratio Lower Upper
43 100
74 22.9 19.9 29.9





#13

Acrolein

Concen: 95.892 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampled :

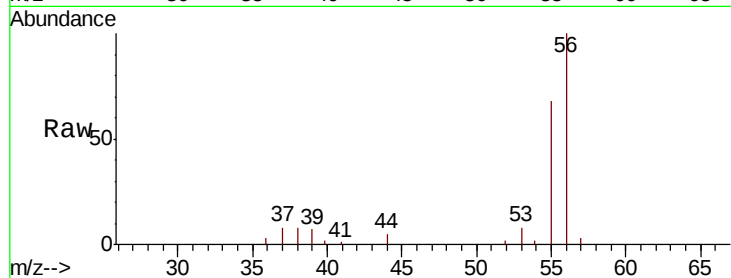
VN0703WBSD01

Tot Ion: 56 Resp: 33972

Ion Ratio Lower Upper

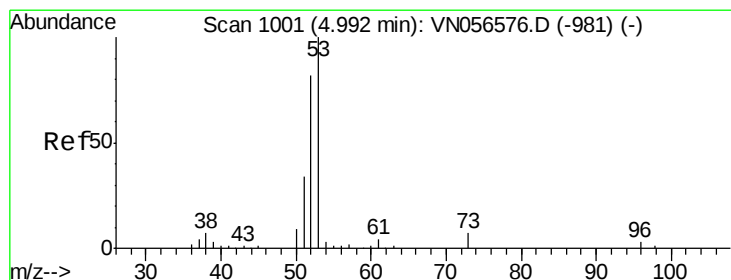
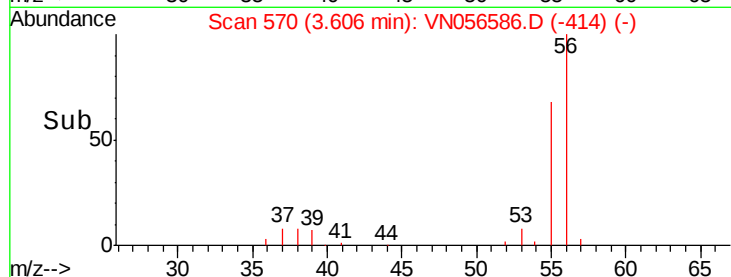
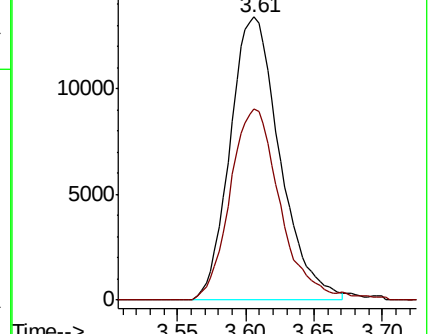
56 100

55 67.1 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 105.539 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

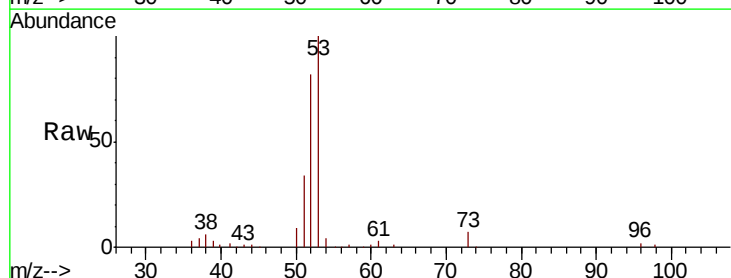
Tgt Ion: 53 Resp: 168145

Ion Ratio Lower Upper

53 100

52 81.4 40.8 122.2

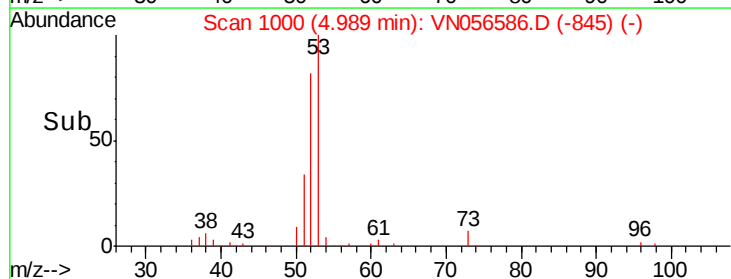
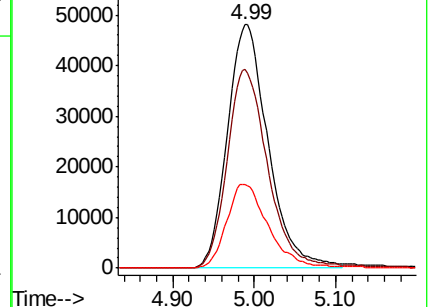
51 34.9 17.3 52.0

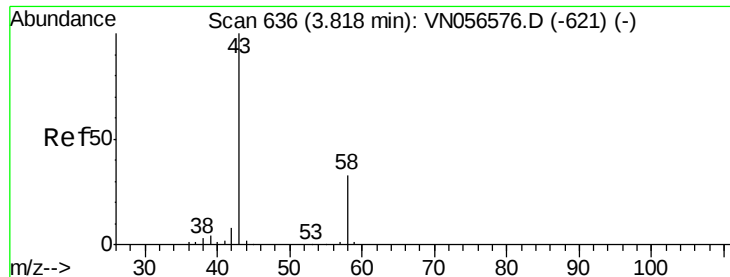


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 101.109 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

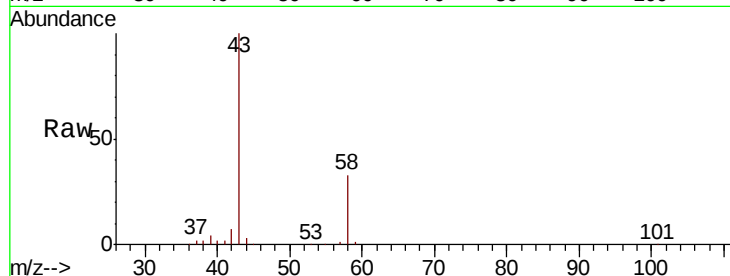
VN0703WBSD01

Tot Ion: 58 Resp: 44946

Ion Ratio Lower Upper

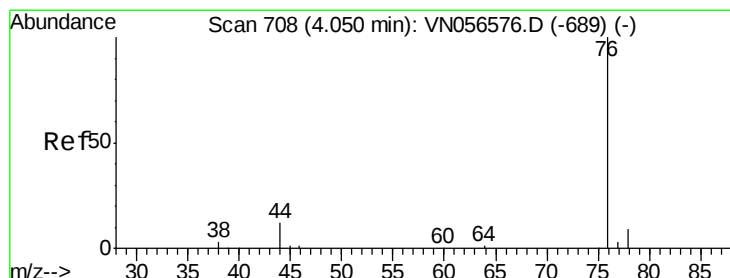
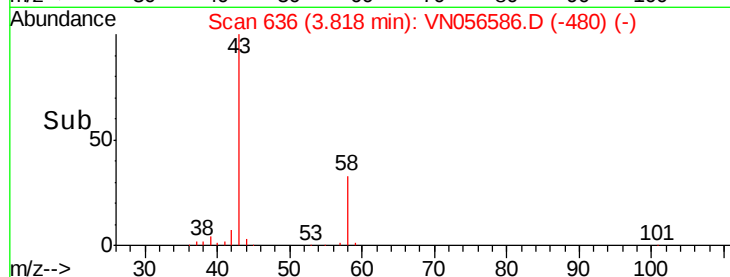
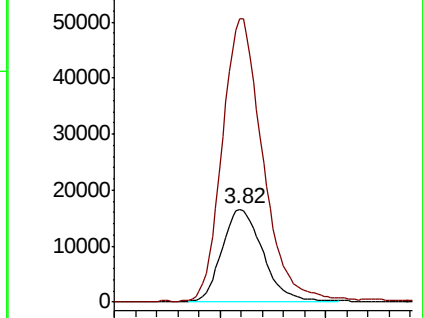
58 100

43 302.2 232.5 348.7



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.219 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056586.D

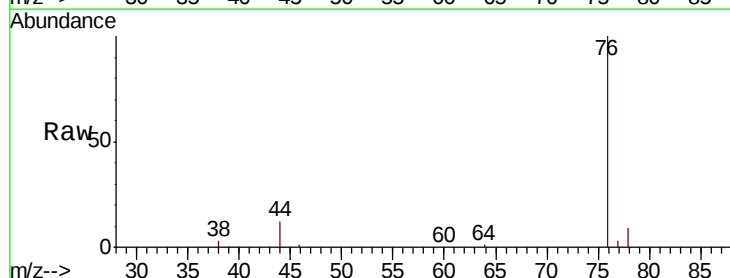
Acq: 3 Jul 2019 14:35

Tgt Ion: 76 Resp: 124337

Ion Ratio Lower Upper

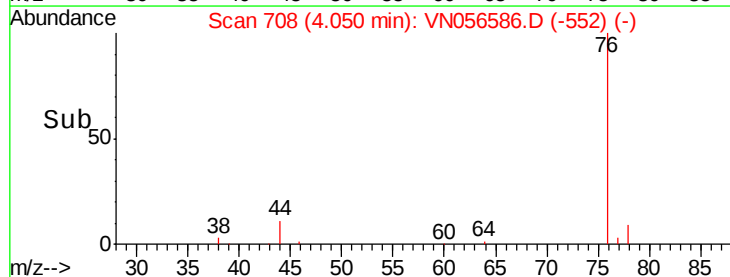
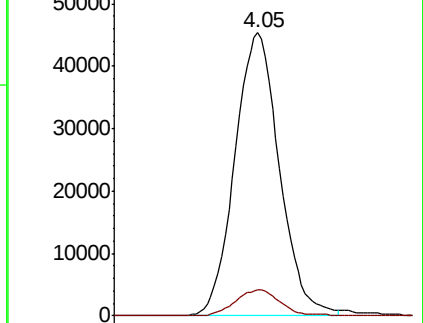
76 100

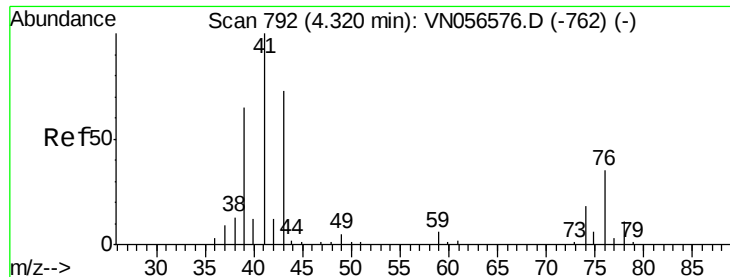
78 9.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

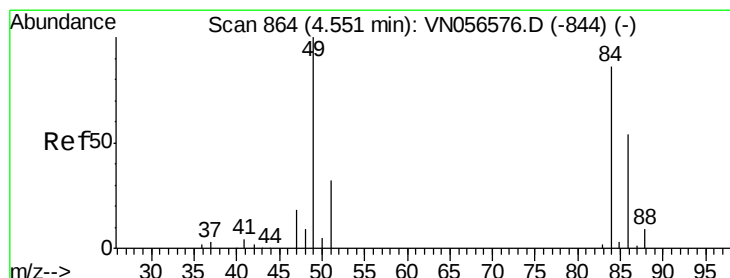
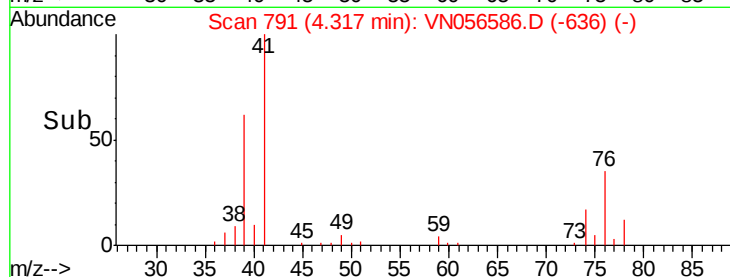
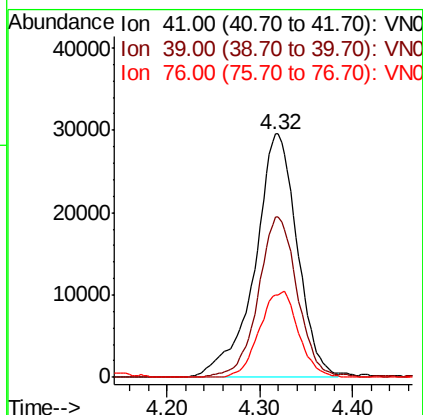
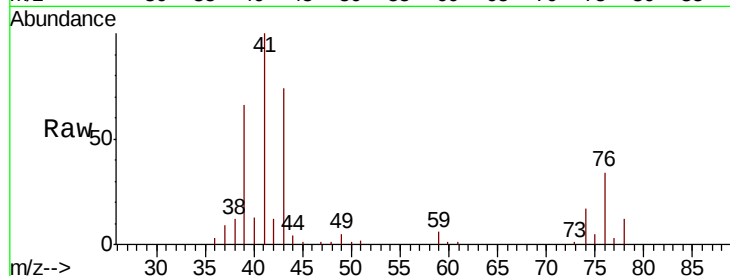




#17
Allvl chloride
Concen: 19.974 ug/l
RT: 4.32 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

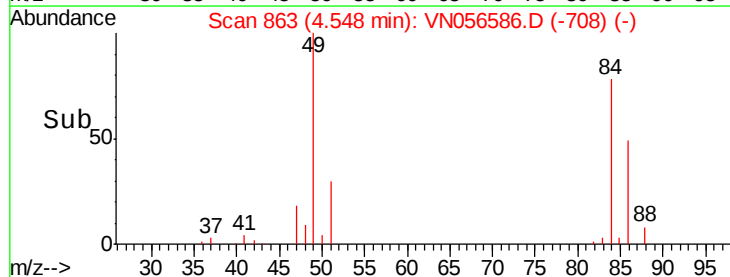
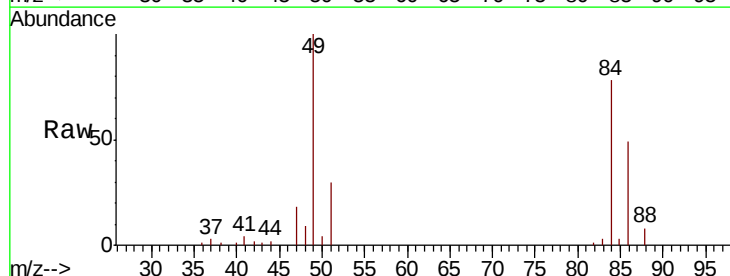
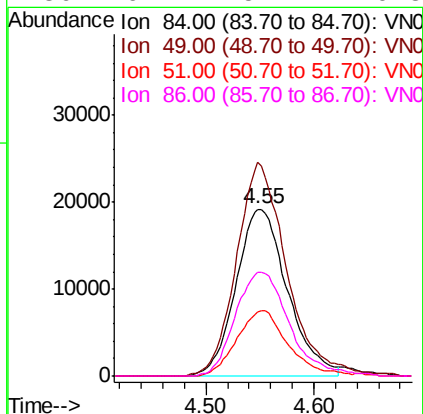
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

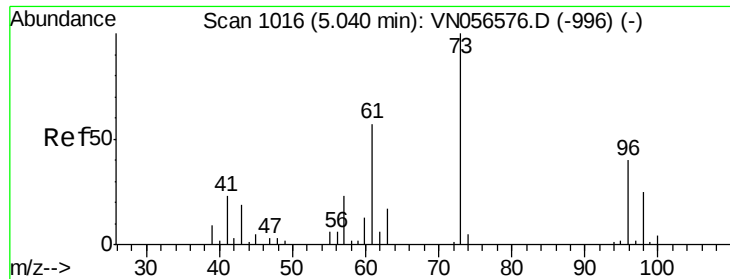
Tot Ion: 41 Resp: 94046
Ion Ratio Lower Upper
41 100
39 65.9 33.0 99.0
76 33.7 18.9 56.9



#18
Methylene Chloride
Concen: 19.981 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 84 Resp: 63561
Ion Ratio Lower Upper
84 100
49 127.1 87.6 131.4
51 38.0 27.0 40.4
86 62.4 51.2 76.8

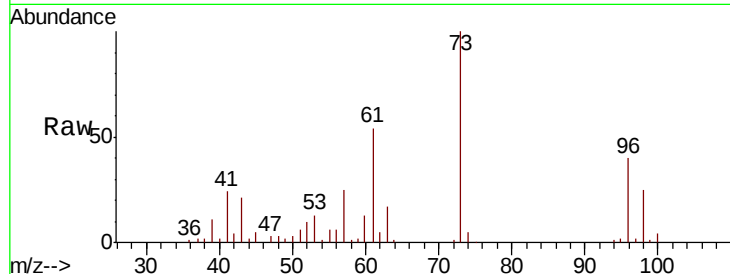




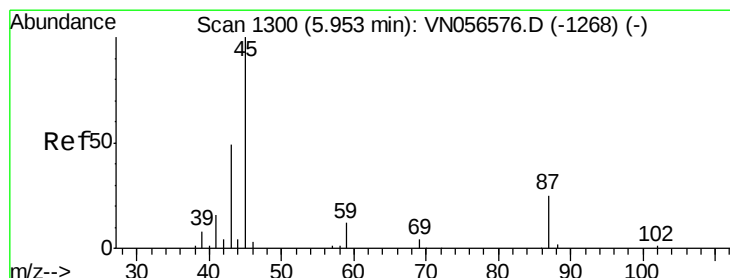
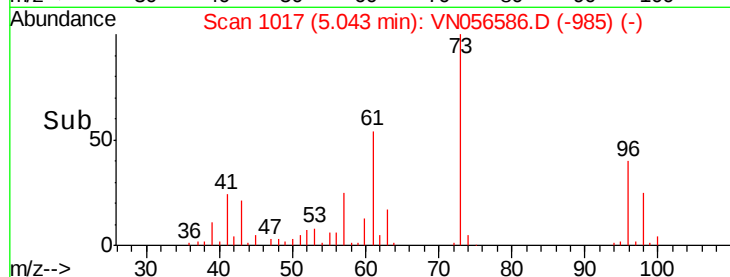
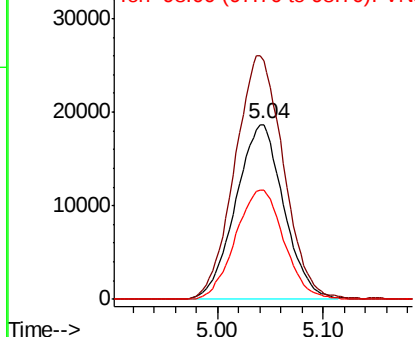
#19
trans-1,2-Dichloroethene
Concen: 20.309 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion: 96 Resp: 59265
Ion Ratio Lower Upper
96 100
61 136.1 102.5 153.7
98 62.3 46.9 70.3

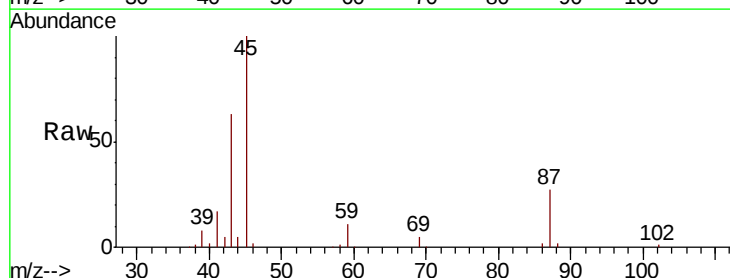


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

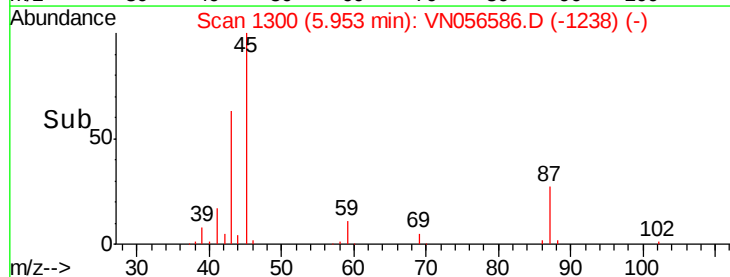
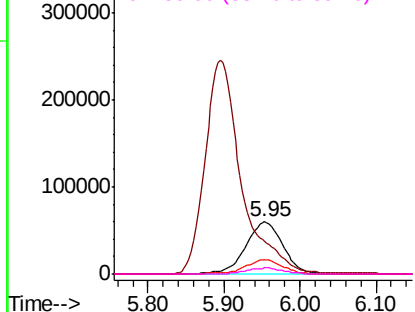


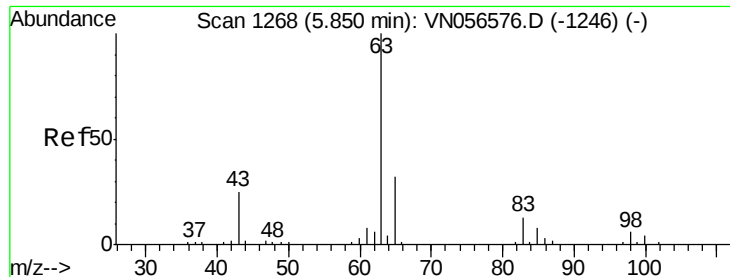
#20
Diisopropyl ether
Concen: 20.874 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 45 Resp: 203055
Ion Ratio Lower Upper
45 100
43 61.0 48.0 72.0
87 27.3 23.4 35.2
59 11.5 9.2 13.8



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

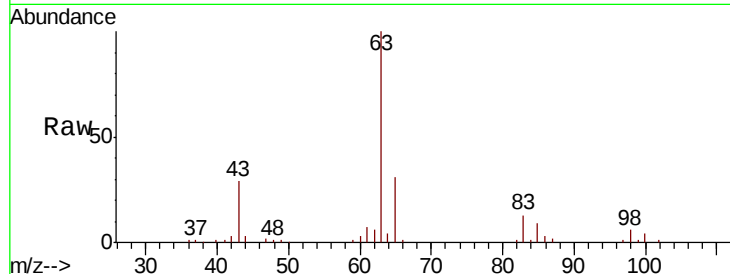




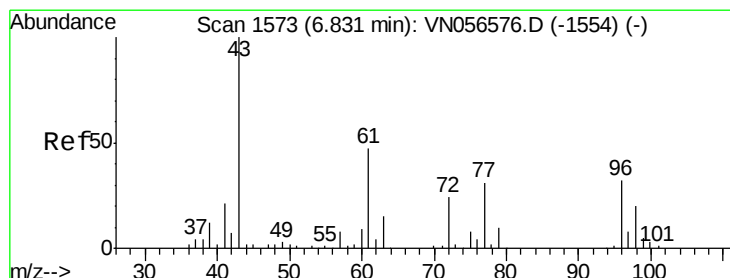
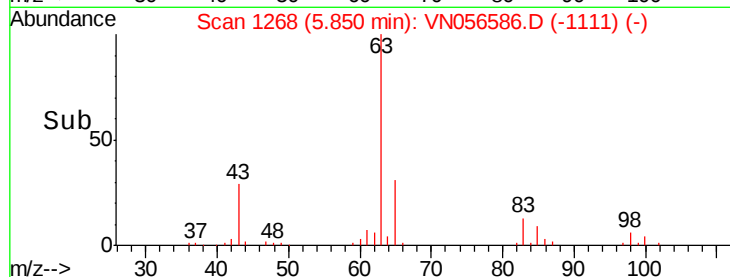
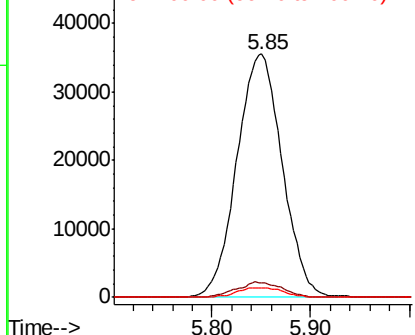
#21
 1,1-Dichloroethane
 Concen: 20.584 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion: 63 Resp: 112954
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.5
 100 4.0 2.3 6.9

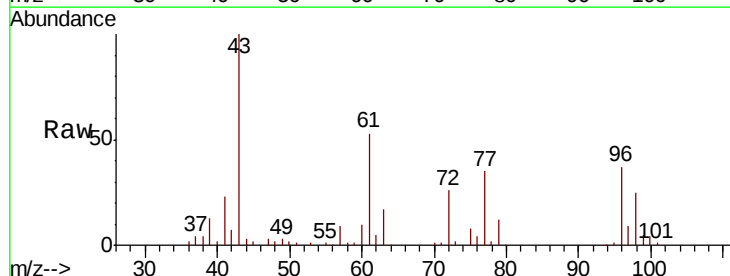


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

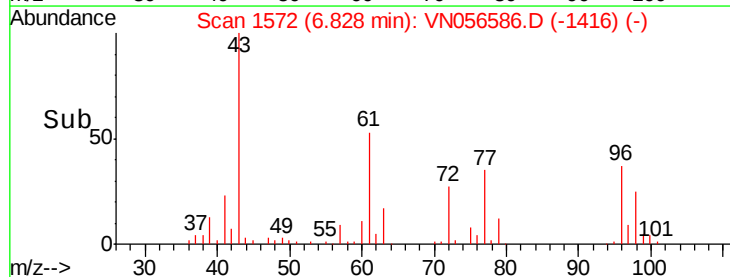
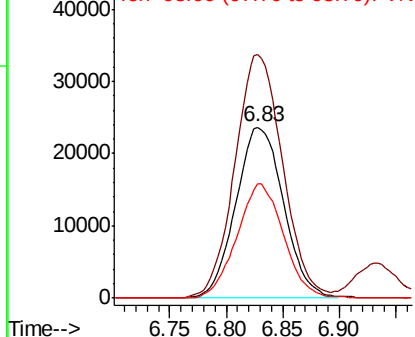


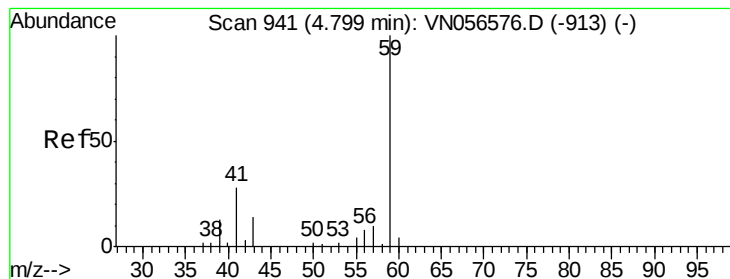
#22
 cis-1,2-Dichloroethene
 Concen: 20.272 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion: 96 Resp: 69565
 Ion Ratio Lower Upper
 96 100
 61 142.2 105.7 158.5
 98 65.0 52.0 78.0



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



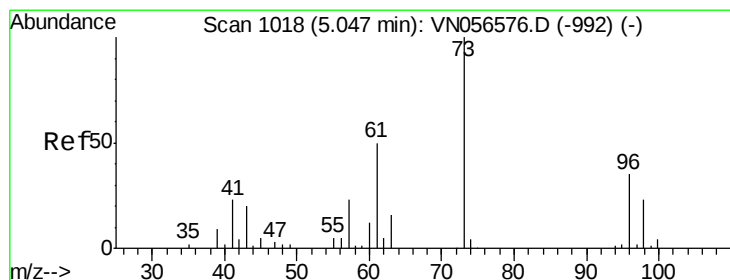
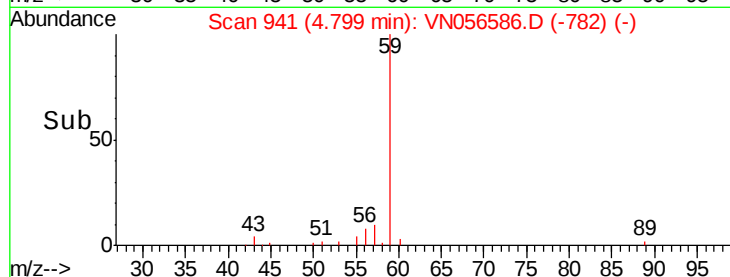
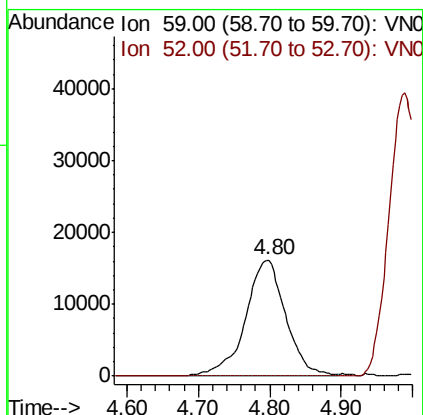
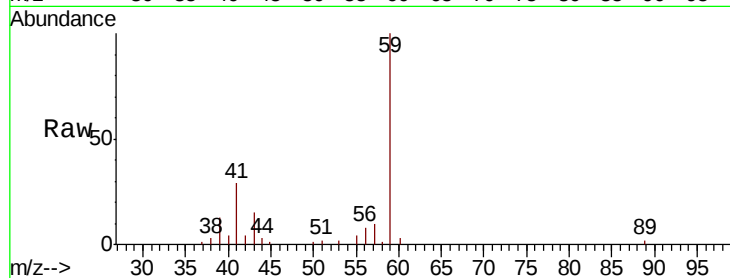


#23

tert-Butyl Alcohol
 Concen: 106.423 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. 0.01 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

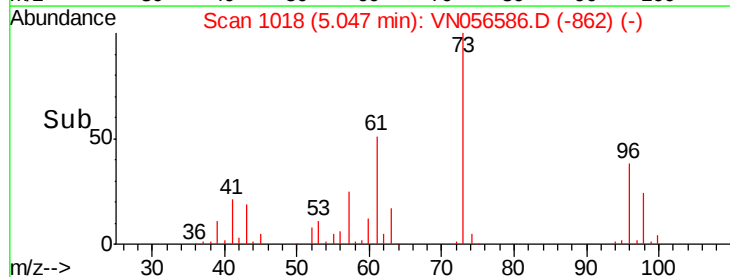
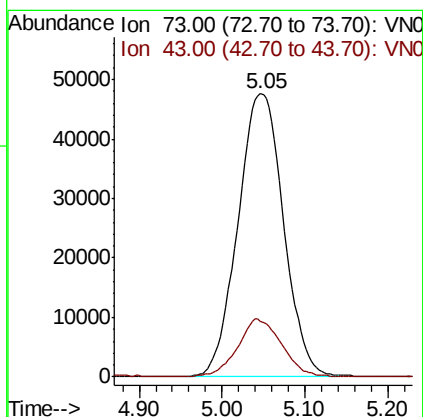
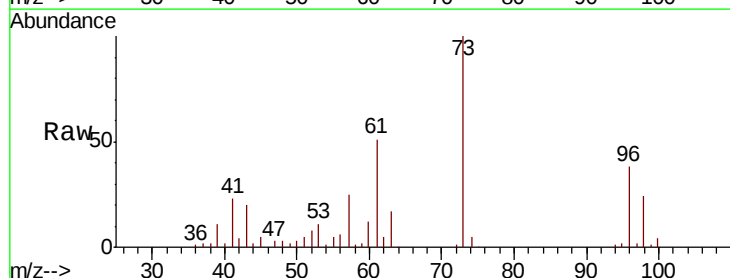
Tot Ion: 59 Resp: 63426
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

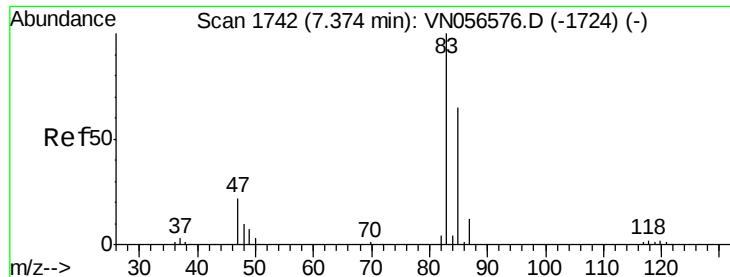


#24

Methyl tert-Butyl Ether
 Concen: 20.448 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion: 73 Resp: 181969
 Ion Ratio Lower Upper
 73 100
 43 19.9 15.4 23.0

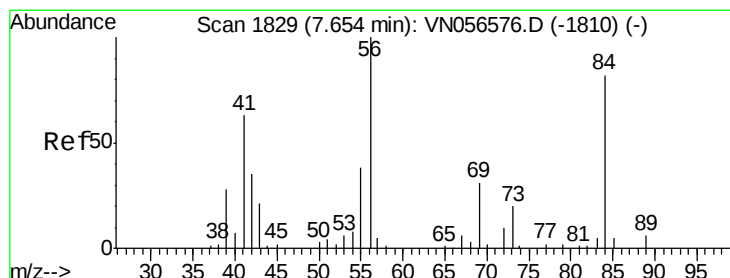
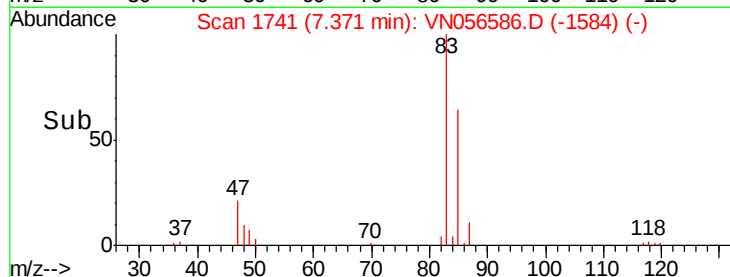
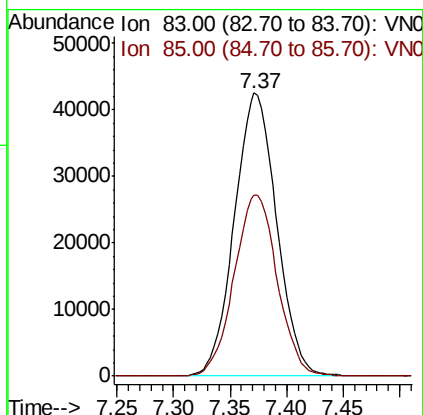
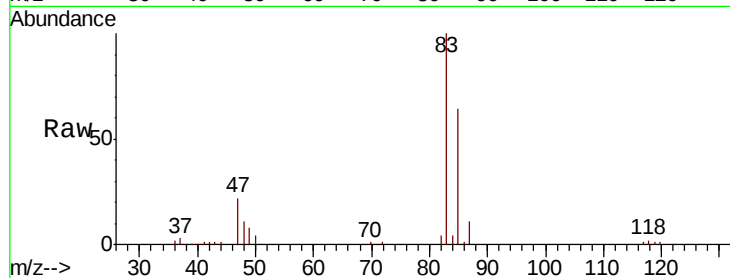




#25
Chloroform
Concen: 20.575 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

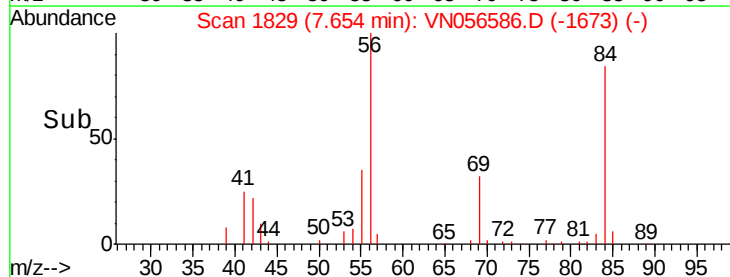
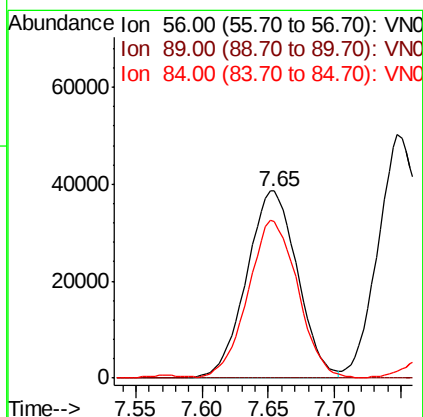
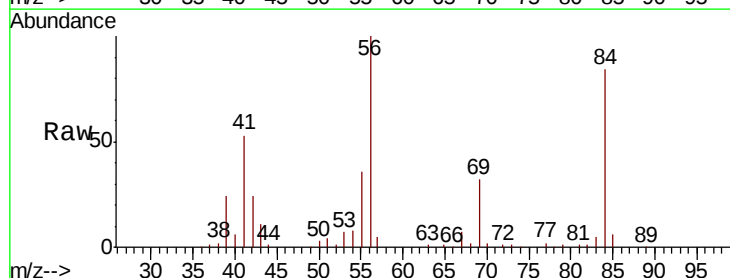
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

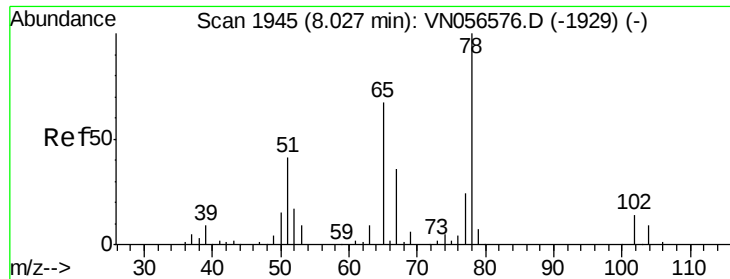
Tot Ion: 83 Resp: 110663
Ion Ratio Lower Upper
83 100
85 64.1 52.0 78.0



#26
Cyclohexane
Concen: 20.396 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 56 Resp: 103087
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 81.9 70.1 105.1

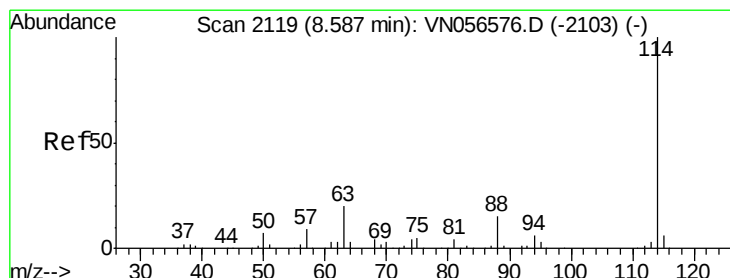
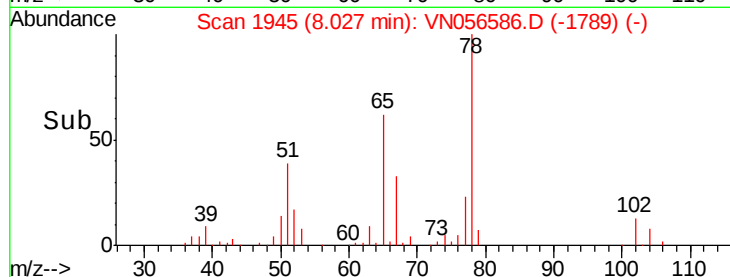
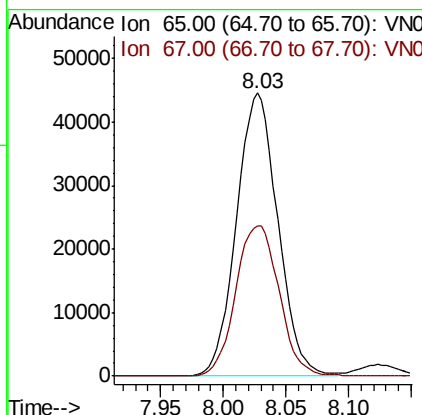
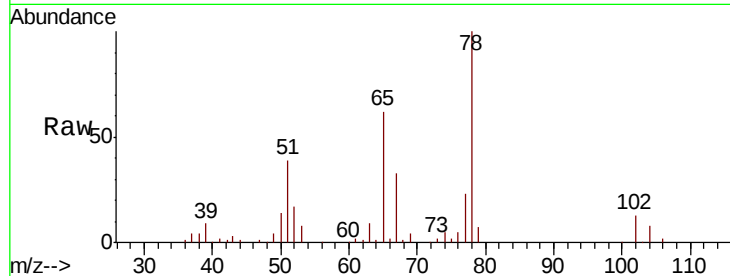




#27
 1,2-Dichloroethane-d4
 Concen: 30.184 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

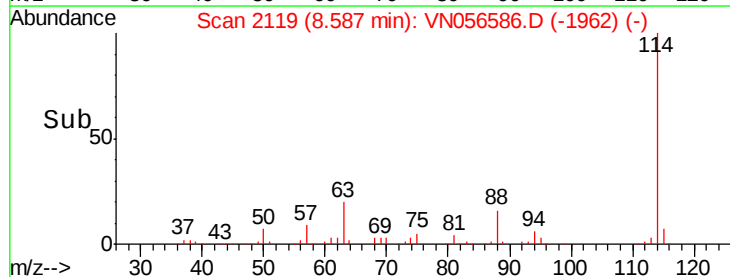
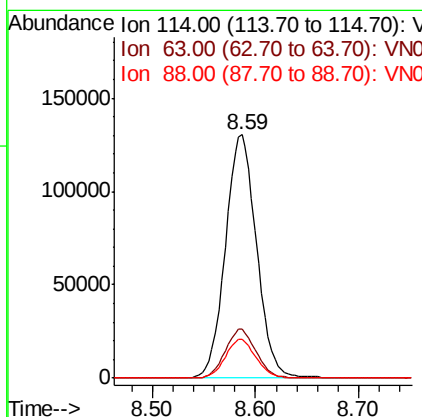
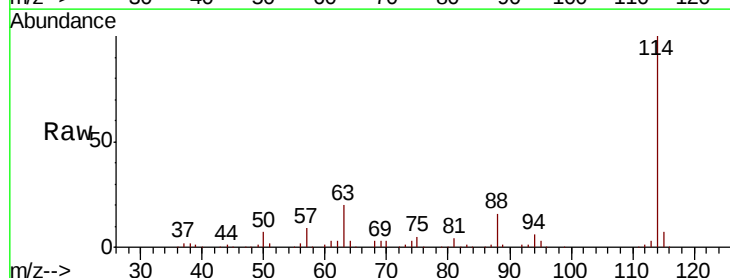
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

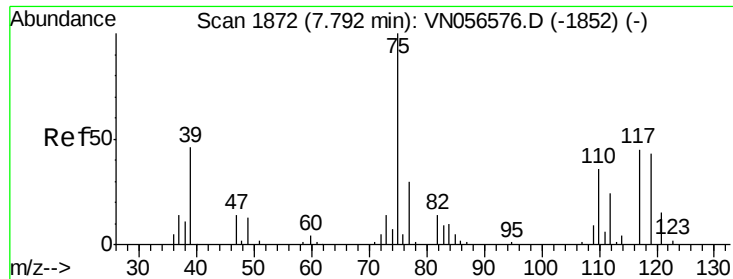
Tot Ion: 65 Resp: 102421
 Ion Ratio Lower Upper
 65 100
 67 55.5 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion: 114 Resp: 274166
 Ion Ratio Lower Upper
 114 100
 63 19.8 14.7 22.1
 88 15.6 11.9 17.9

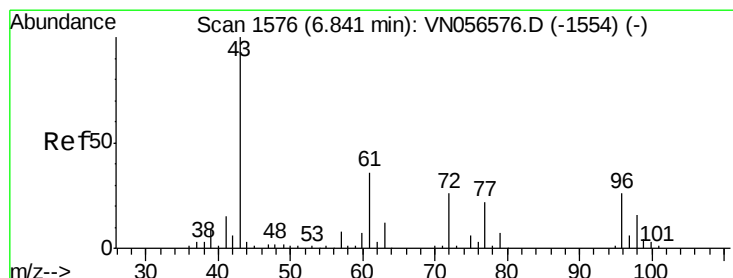
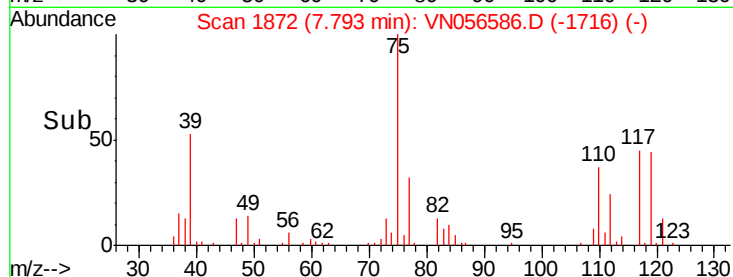
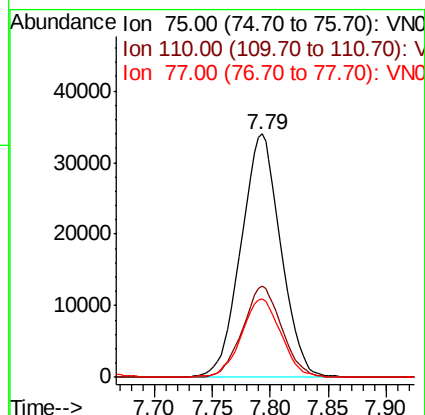
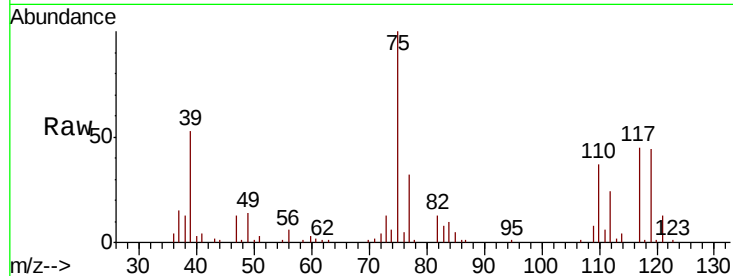




#29
 1,1-Dichloropropene
 Concen: 20.039 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

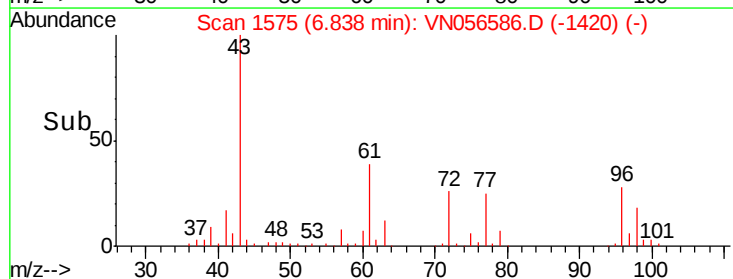
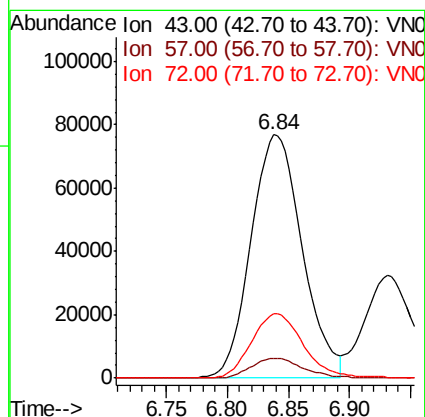
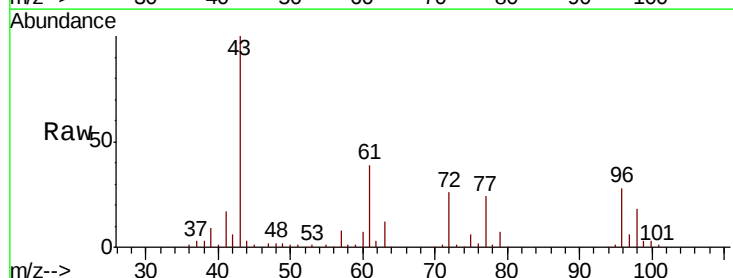
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

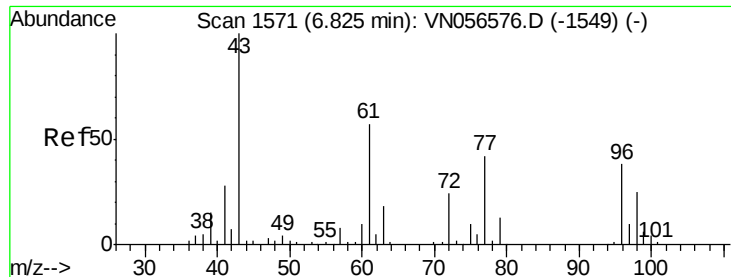
Tot Ion: 75 Resp: 81129
 Ion Ratio Lower Upper
 75 100
 110 36.7 0.0 77.0
 77 32.1 0.0 62.4



#30
 2-Butanone
 Concen: 99.349 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion: 43 Resp: 222980
 Ion Ratio Lower Upper
 43 100
 57 0.0 6.7 10.1#
 72 26.9 22.4 33.6





#31

2,2-Dichloropropane

Concen: 18.180 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampled :

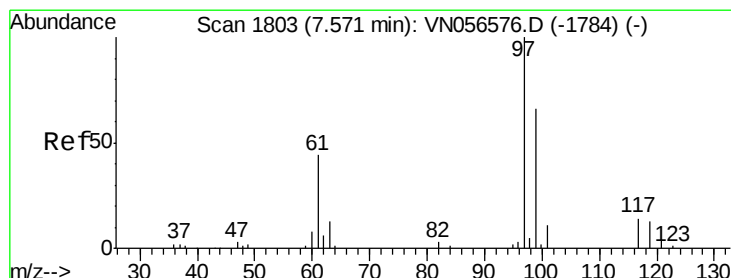
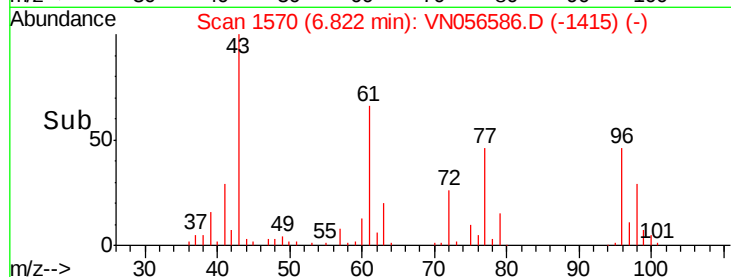
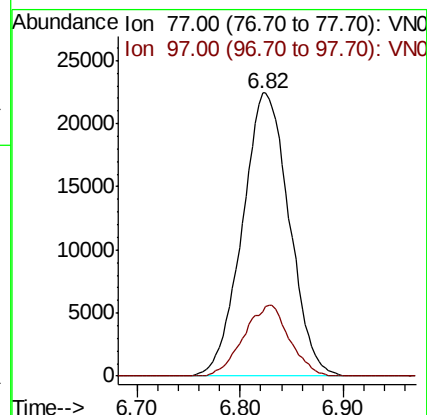
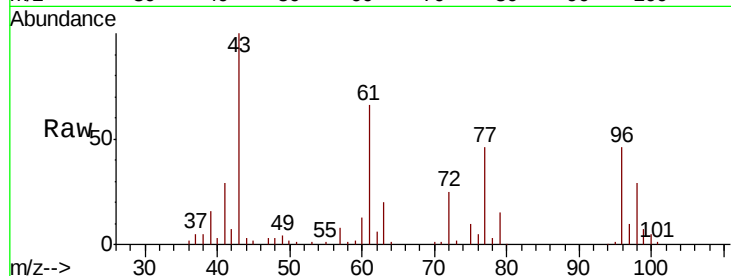
VN0703WBSD01

Tot Ion: 77 Resp: 70773

Ion Ratio Lower Upper

77 100

97 24.4 20.8 31.2



#32

1,1,1-Trichloroethane

Concen: 20.025 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

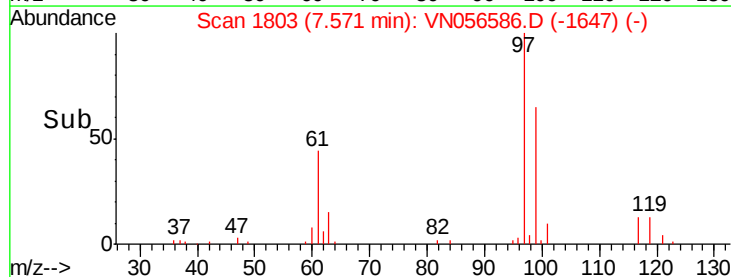
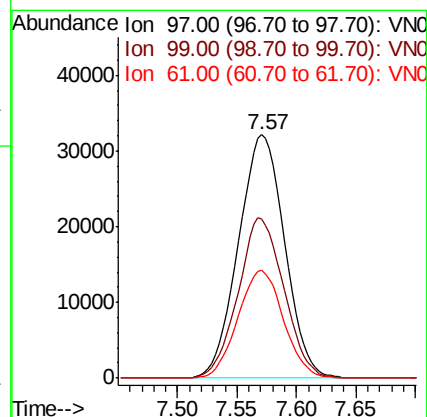
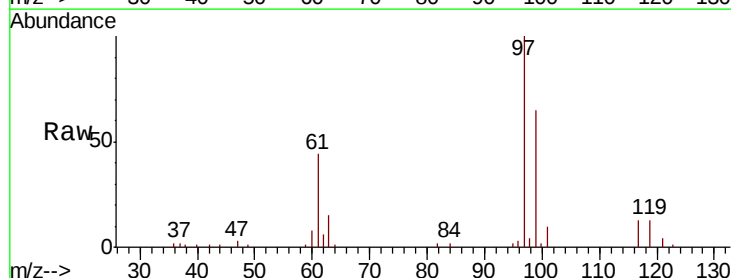
Tgt Ion: 97 Resp: 86429

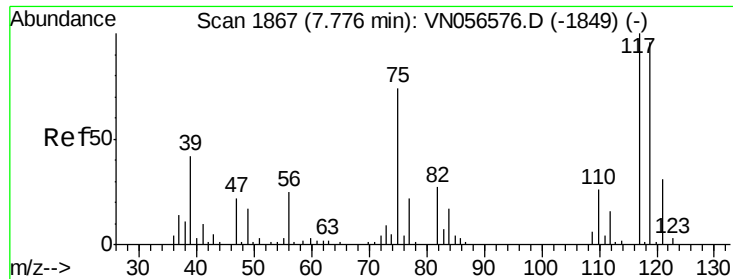
Ion Ratio Lower Upper

97 100

99 65.2 51.5 77.3

61 43.5 32.9 49.3

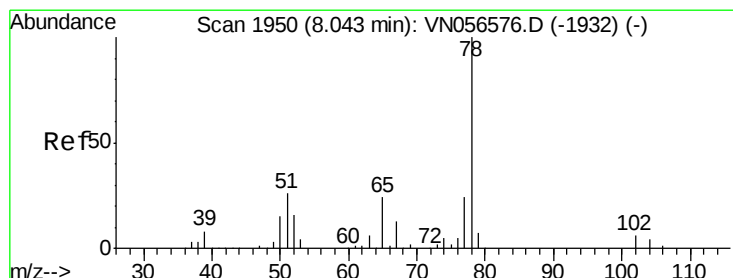
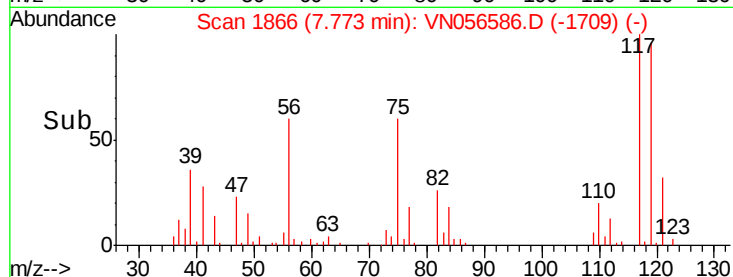
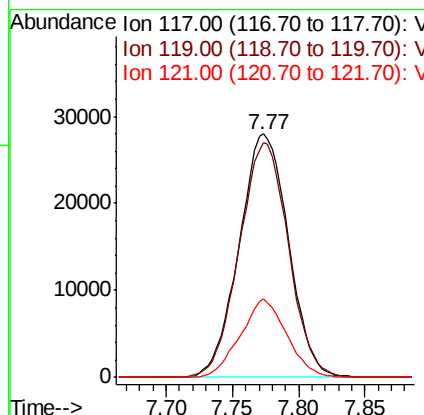
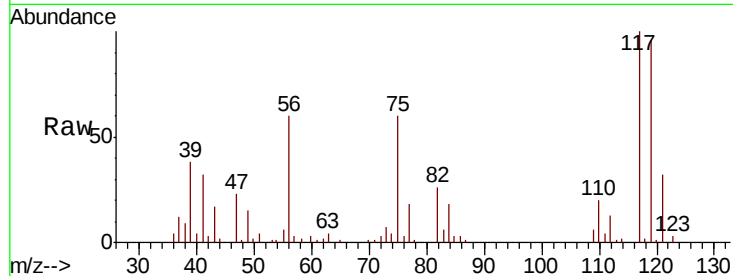




#33
Carbon Tetrachloride
Concen: 19.796 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

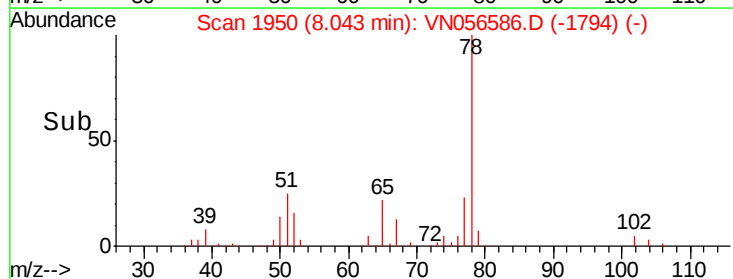
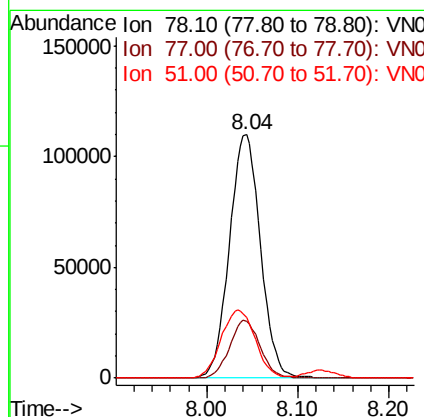
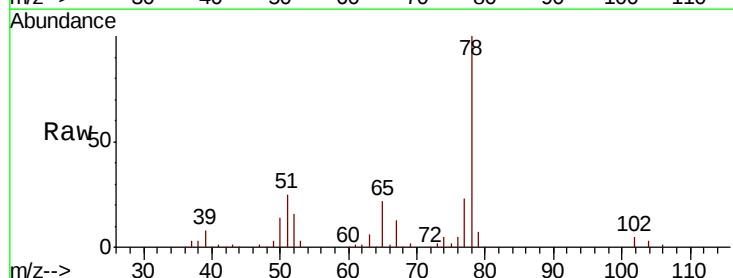
Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

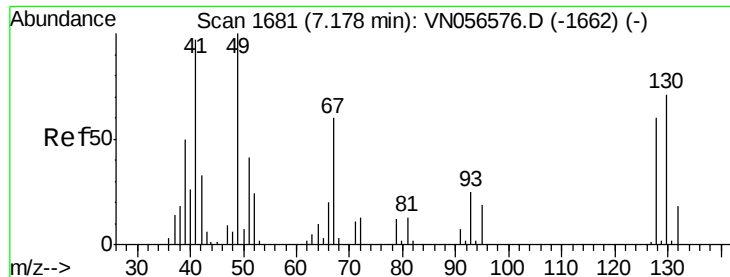
Tot Ion:117 Resp: 72429
Ion Ratio Lower Upper
117 100
119 95.7 77.3 115.9
121 32.2 25.0 37.4



#34
Benzene
Concen: 20.592 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 78 Resp: 260696
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9
51 24.7 19.8 29.8

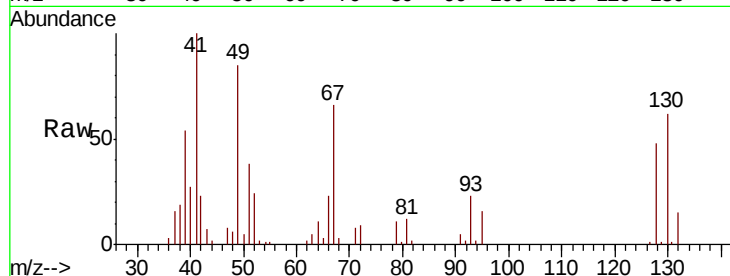




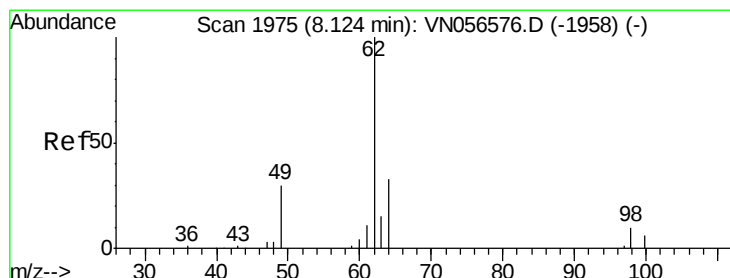
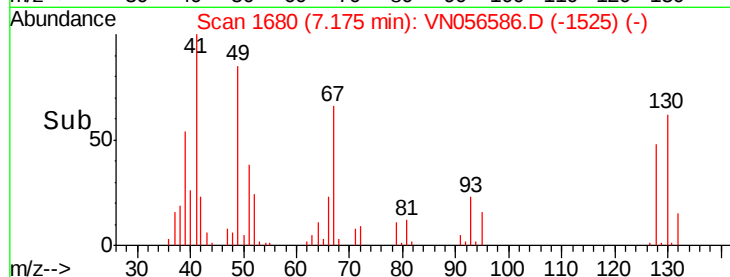
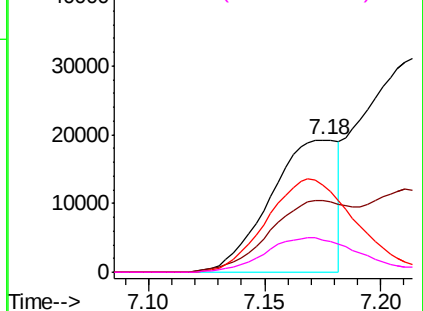
#35
Methacrylonitrile
Concen: 19.621 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion: 41 Resp: 39109
Ion Ratio Lower Upper
41 100
39 53.8 24.8 74.3
67 65.9 34.3 102.9
52 24.4 12.6 37.8

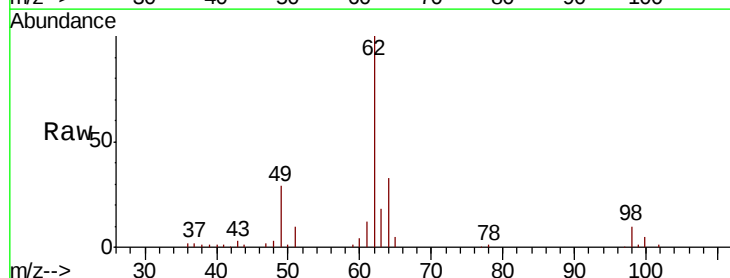


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

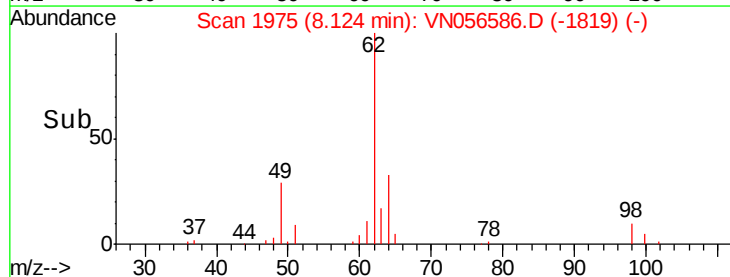
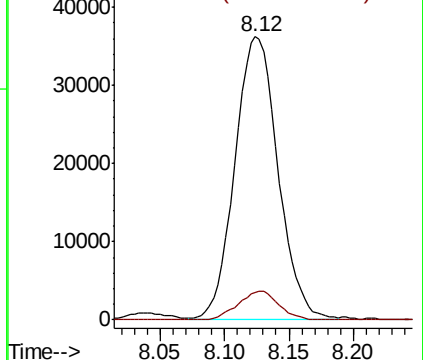


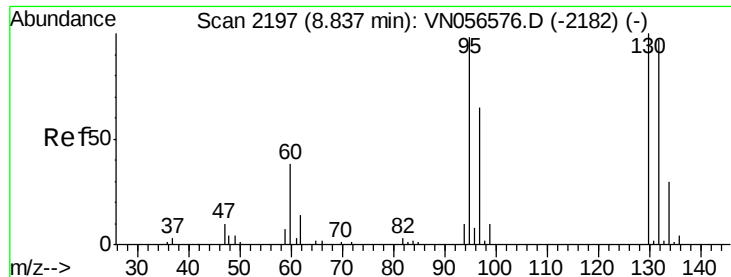
#36
1,2-Dichloroethane
Concen: 20.570 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 62 Resp: 84638
Ion Ratio Lower Upper
62 100
98 9.4 8.6 13.0



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

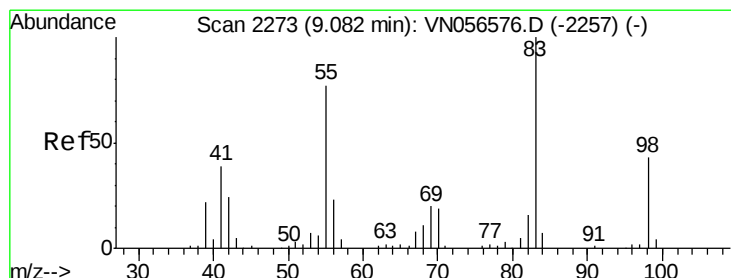
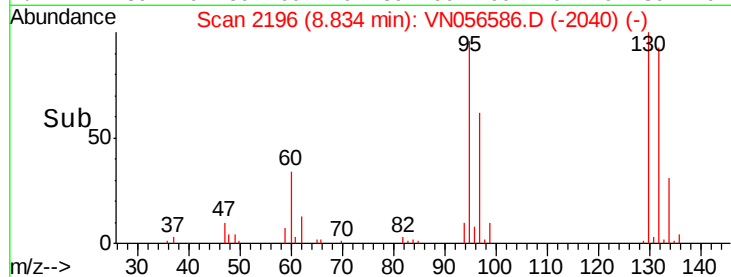
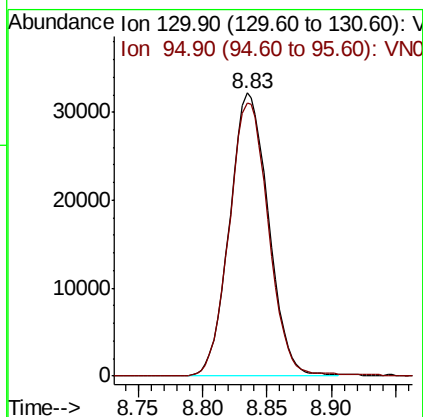
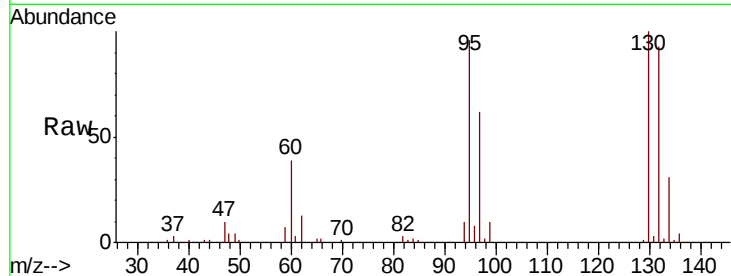




#37
 Trichloroethene
 Concen: 20.444 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

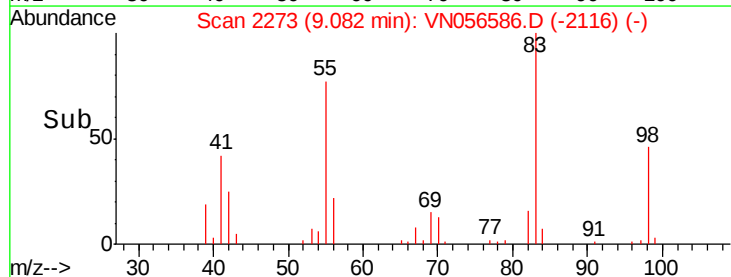
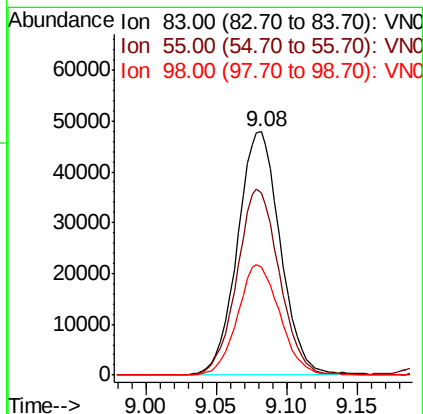
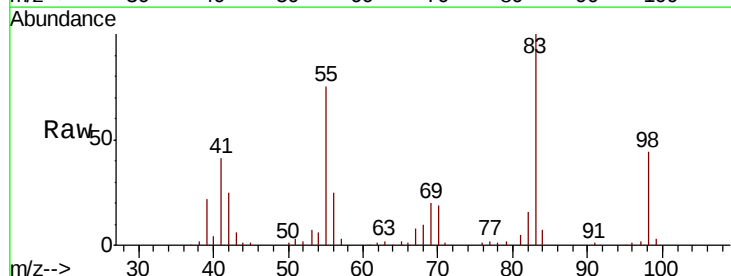
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

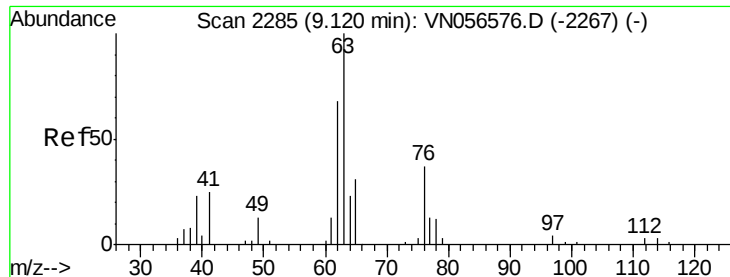
Tot Ion:130 Resp: 67502
 Ion Ratio Lower Upper
 130 100
 95 96.3 73.0 109.6



#38
 Methylcyclohexane
 Concen: 20.037 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion: 83 Resp: 101660
 Ion Ratio Lower Upper
 83 100
 55 75.7 37.5 112.7
 98 44.9 23.1 69.3

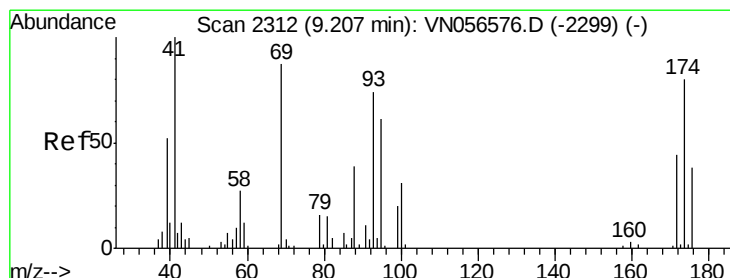
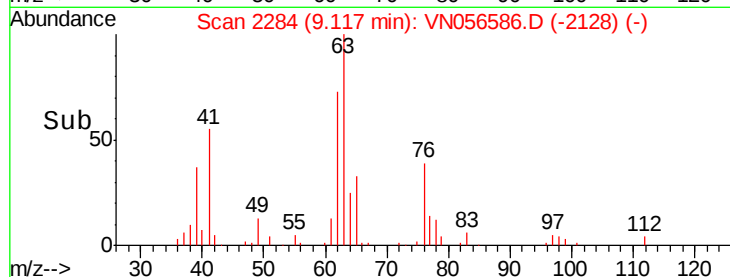
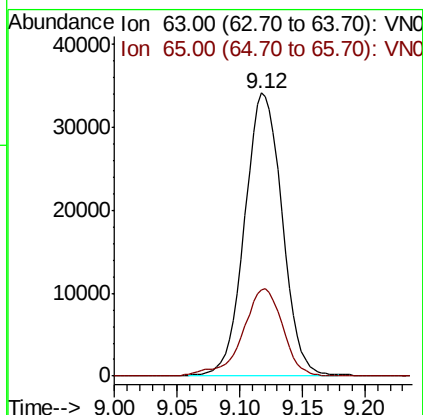
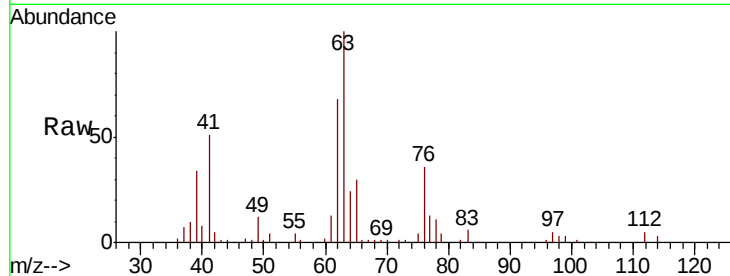




#39
 1,2-Dichloropropane
 Concen: 20.919 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

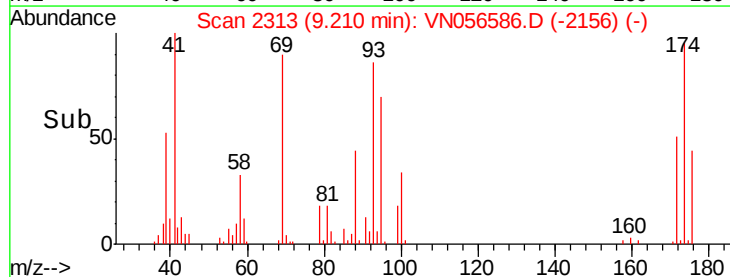
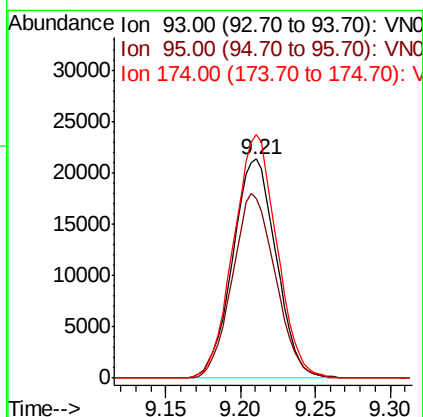
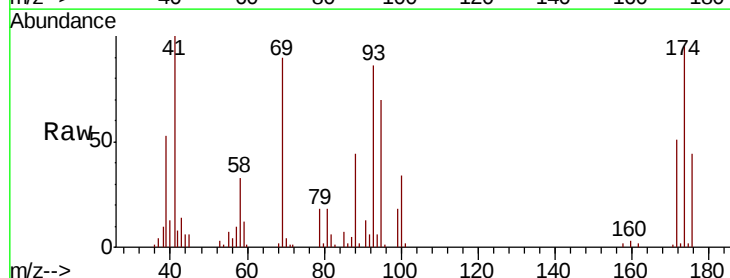
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 VN0703WBSD01

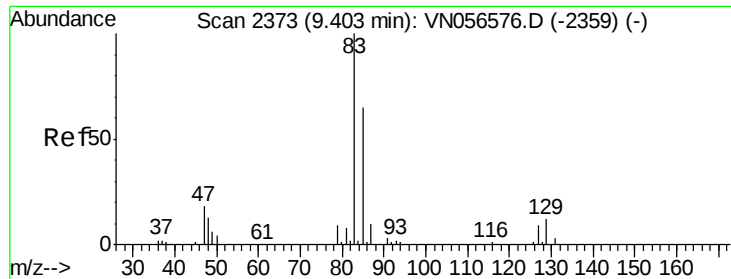
Tot Ion: 63 Resp: 71291
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.1 34.7



#40
 Dibromomethane
 Concen: 20.563 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion: 93 Resp: 43318
 Ion Ratio Lower Upper
 93 100
 95 83.2 0.0 169.0
 174 110.4 0.0 246.4

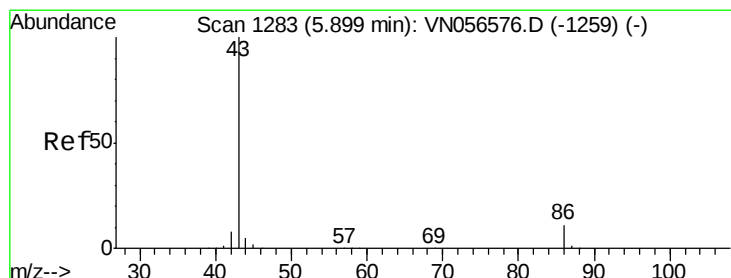
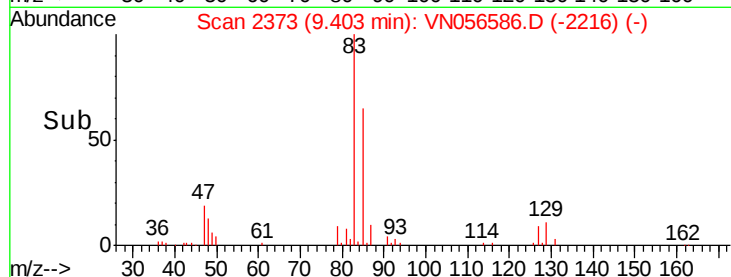
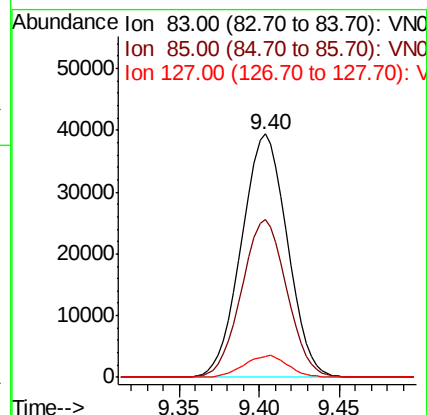
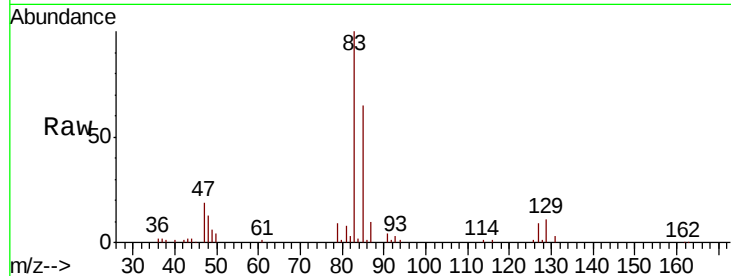




#41
Bromodichloromethane
Concen: 19.763 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

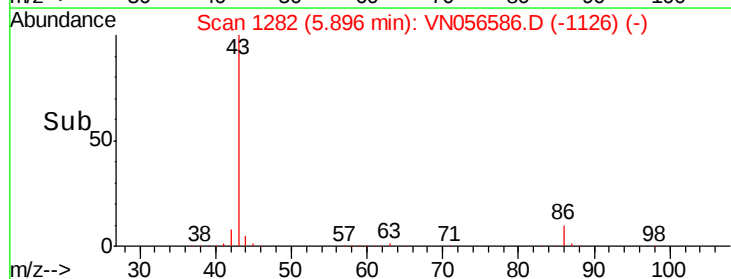
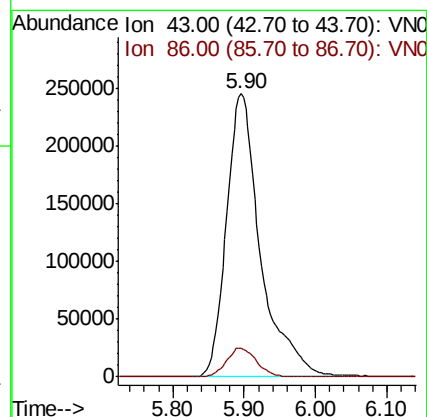
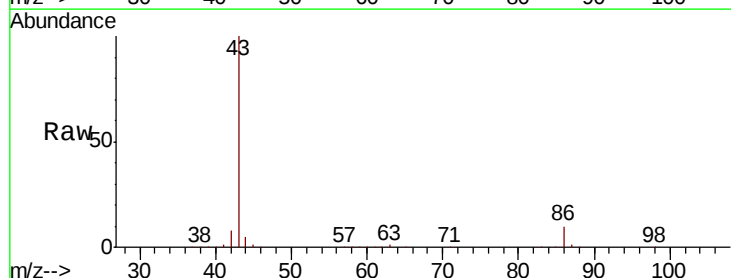
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

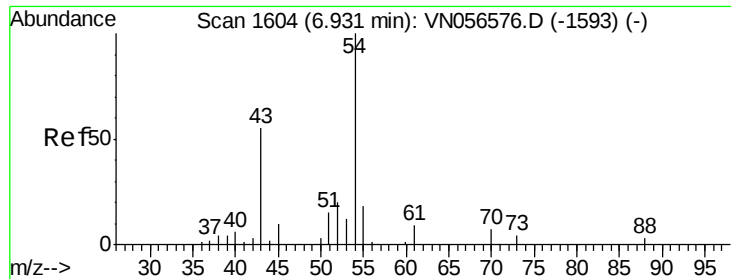
Tot Ion: 83 Resp: 77161
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6
127 8.8 7.3 10.9



#42
Vinyl Acetate
Concen: 102.033 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 43 Resp: 815406
Ion Ratio Lower Upper
43 100
86 9.1 7.9 11.9

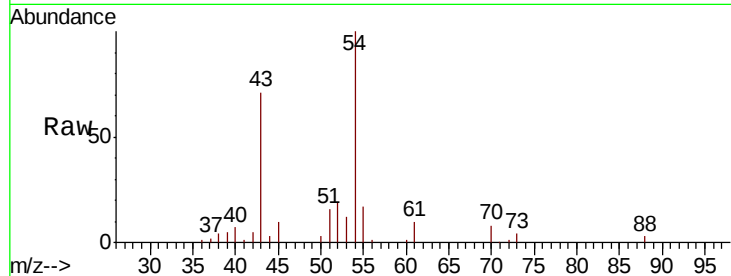




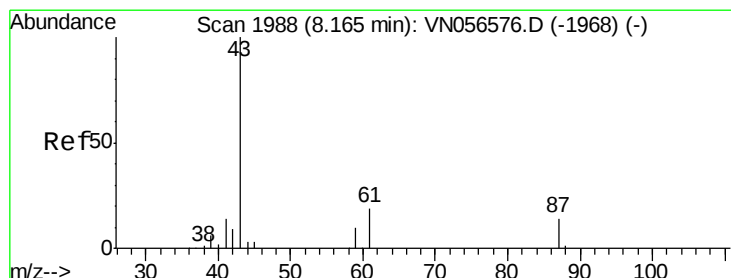
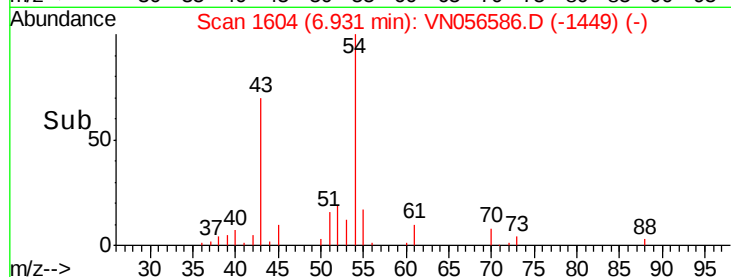
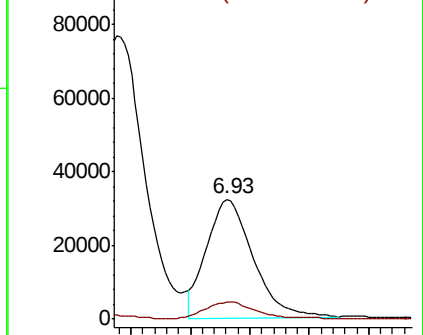
#43
Ethyl Acetate
Concen: 20.372 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

Tot Ion: 43 Resp: 88450
Ion Ratio Lower Upper
43 100
45 13.9 12.3 18.5

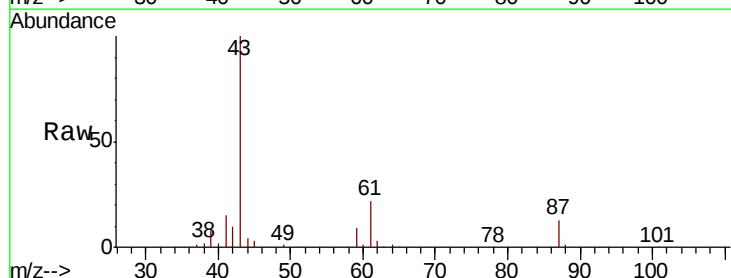


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 45.00 (44.70 to 45.70): VN0

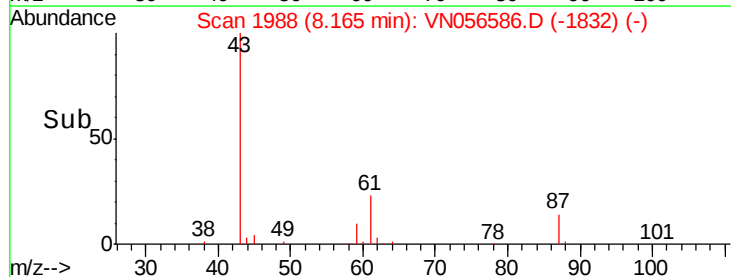
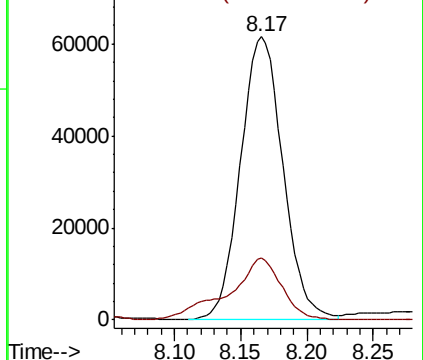


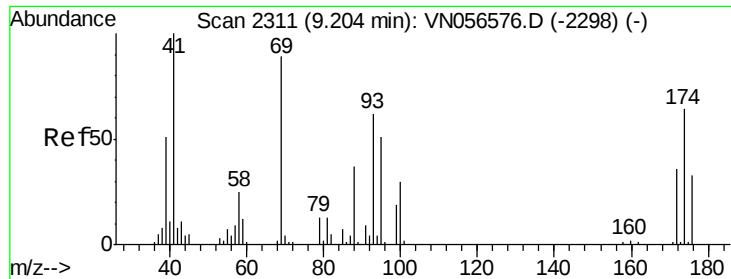
#44
Isopropyl Acetate
Concen: 20.082 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 43 Resp: 136032
Ion Ratio Lower Upper
43 100
61 27.6 16.9 25.3#



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

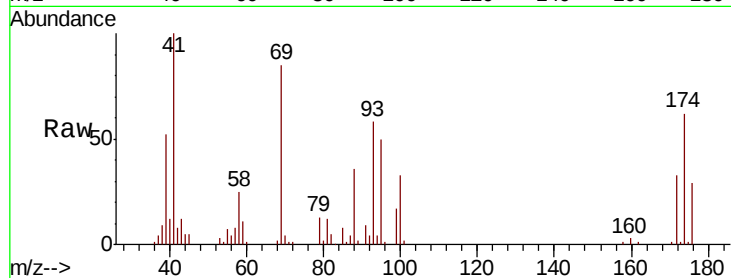




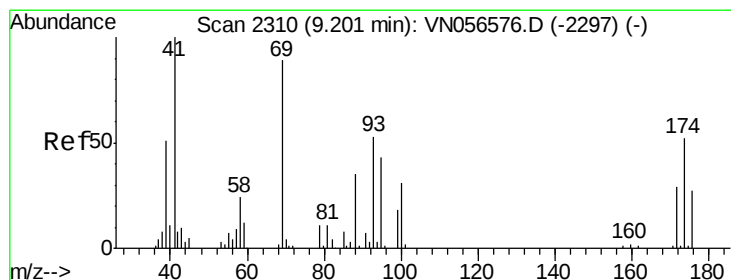
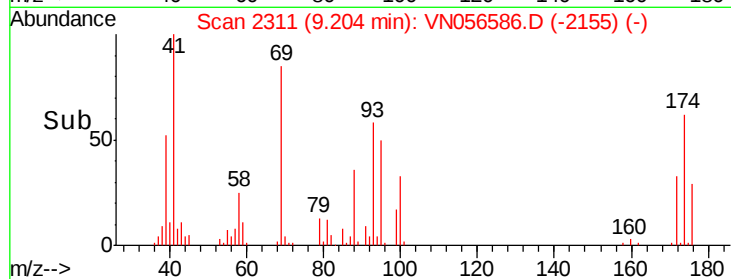
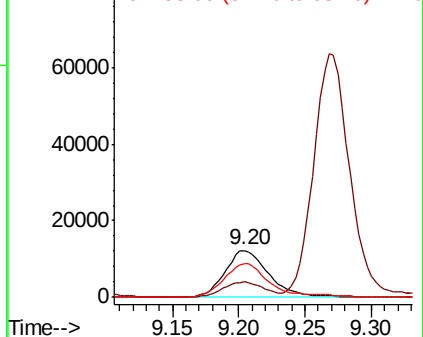
#45
1,4-Dioxane
Concen: 423.467 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion: 88 Resp: 28067
Ion Ratio Lower Upper
88 100
43 28.6 19.8 29.6
58 71.6 48.5 72.7

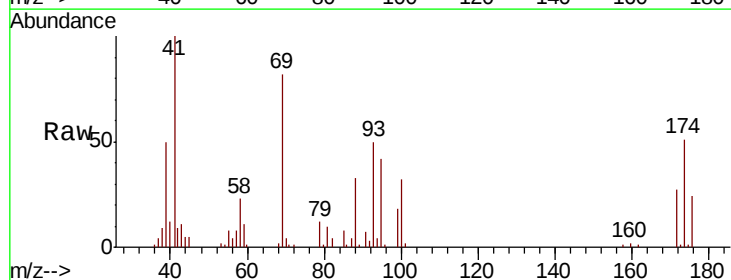


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

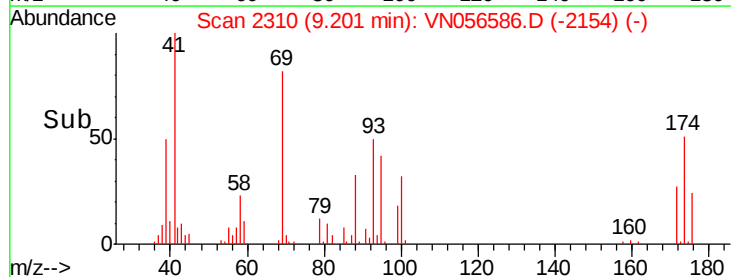
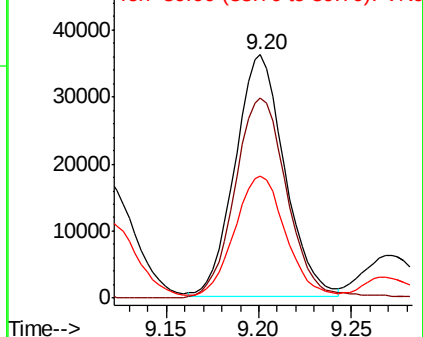


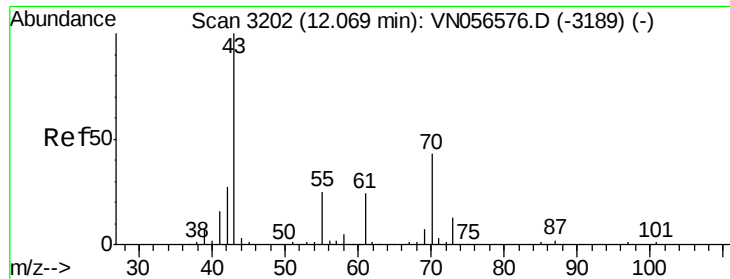
#46
Methyl methacrylate
Concen: 20.222 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 41 Resp: 67304
Ion Ratio Lower Upper
41 100
69 83.3 46.0 137.8
39 50.4 24.6 73.8



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-amvl Acetate

Concen: 19.549 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

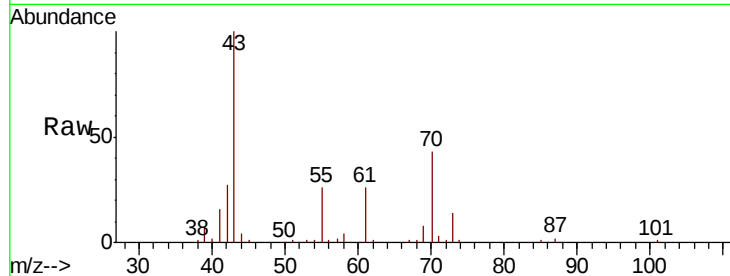
VN0703WBSD01

Tot Ion: 43 Resp: 110068

Ion Ratio Lower Upper

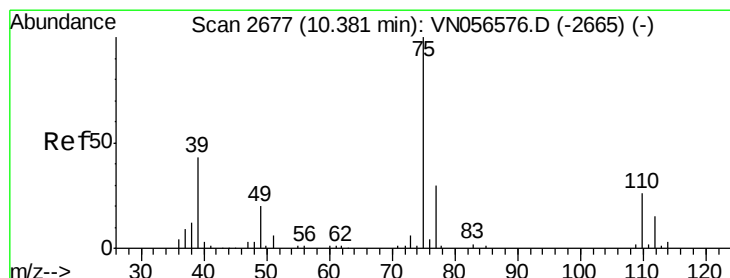
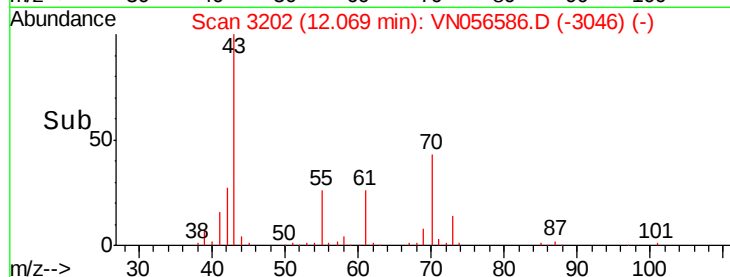
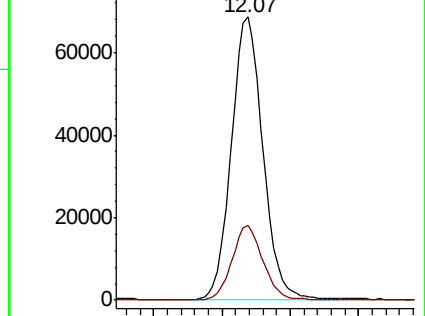
43 100

55 25.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 19.199 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056586.D

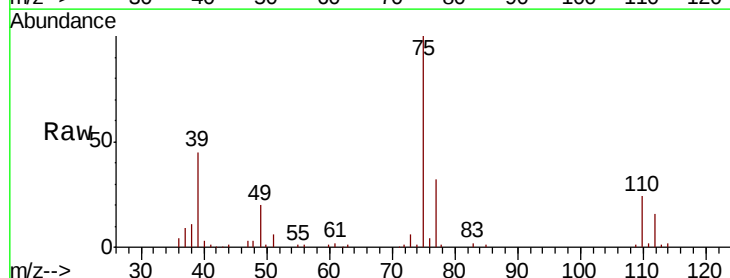
Acq: 3 Jul 2019 14:35

Tgt Ion: 75 Resp: 80340

Ion Ratio Lower Upper

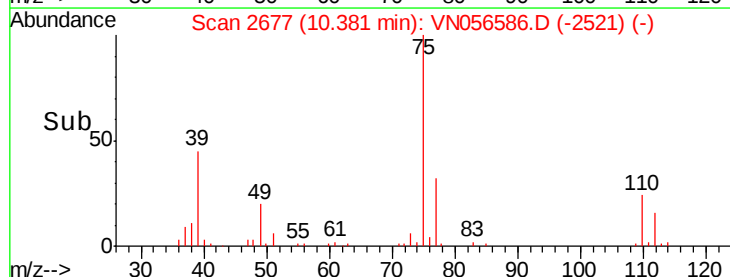
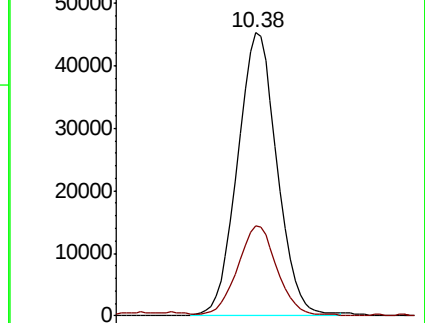
75 100

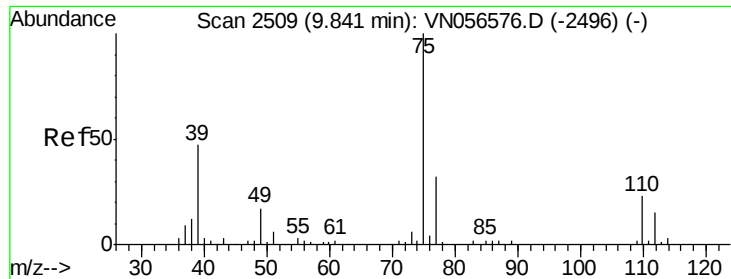
77 31.5 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



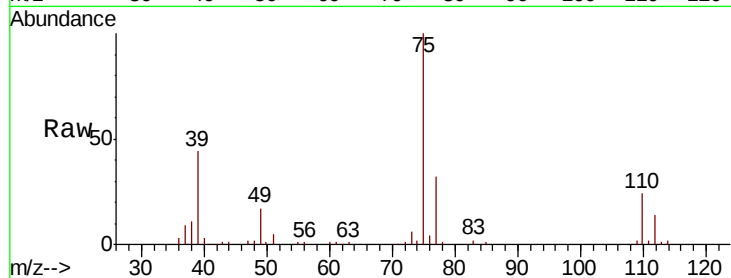


#49

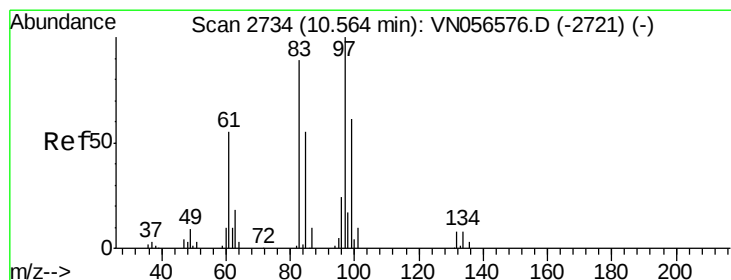
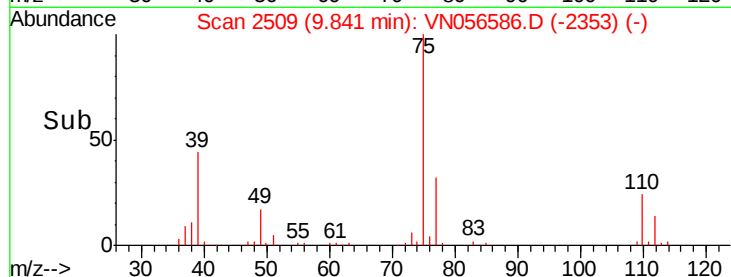
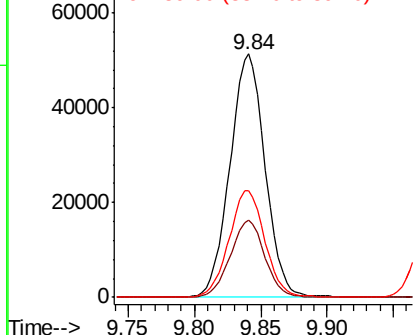
cis-1,3-Dichloropropene
 Concen: 19.589 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion: 75 Resp: 94546
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7
 39 44.0 34.3 51.5



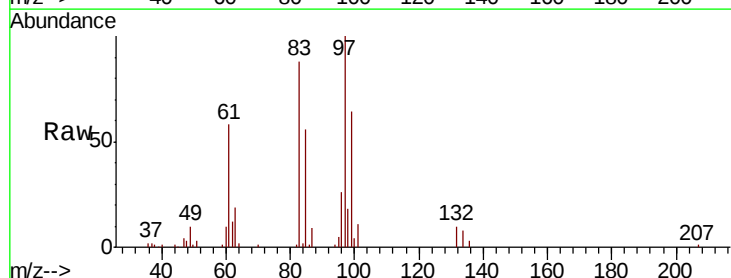
Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO



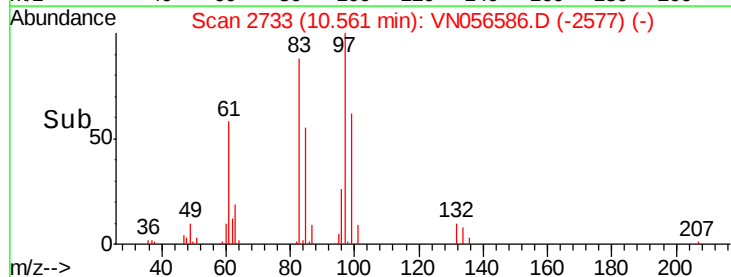
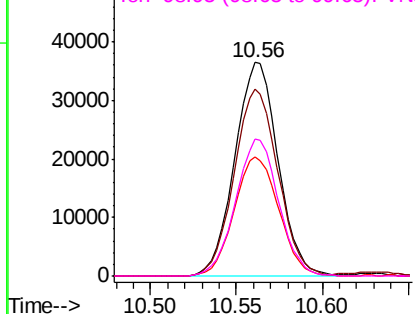
#50

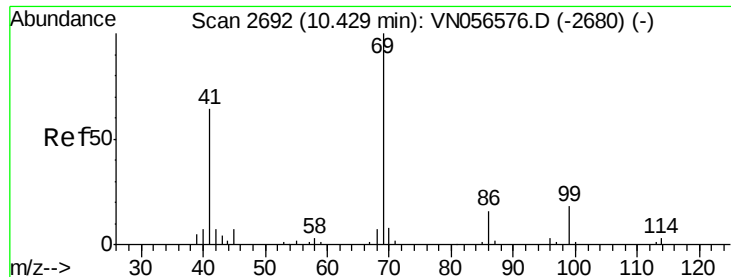
1,1,2-Trichloroethane
 Concen: 20.563 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion: 97 Resp: 63814
 Ion Ratio Lower Upper
 97 100
 83 87.8 66.9 100.3
 85 55.8 43.3 64.9
 99 63.8 48.6 73.0



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





#51

Ethyl methacrylate

Concen: 20.356 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampled :

VN0703WBSD01

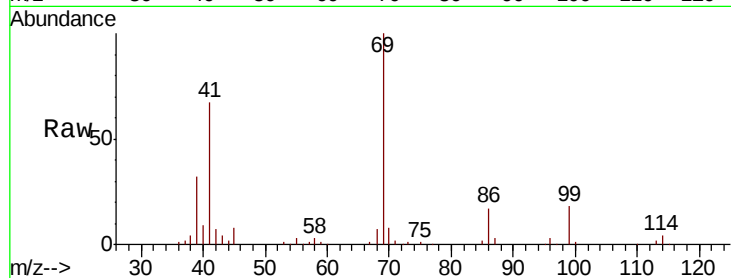
Tot Ion: 69 Resp: 99497

Ion Ratio Lower Upper

69 100

41 66.2 30.8 92.3

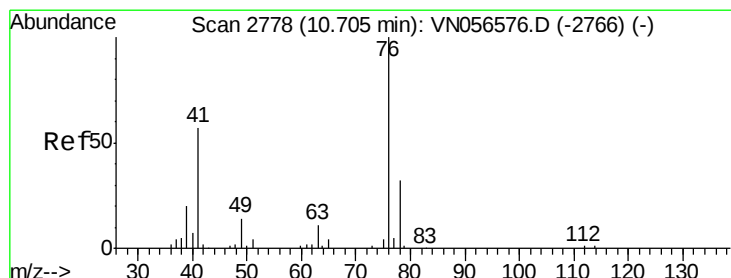
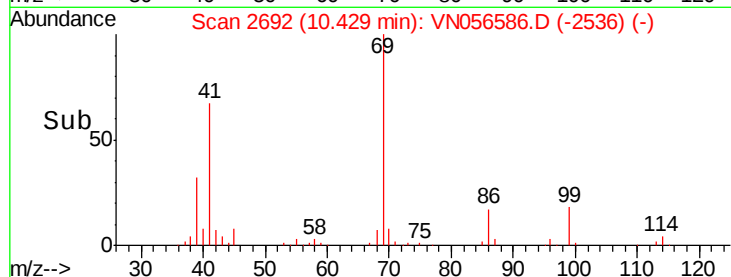
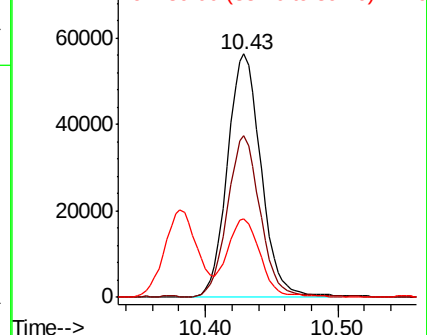
39 31.7 14.5 43.6



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: 20.681 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056586.D

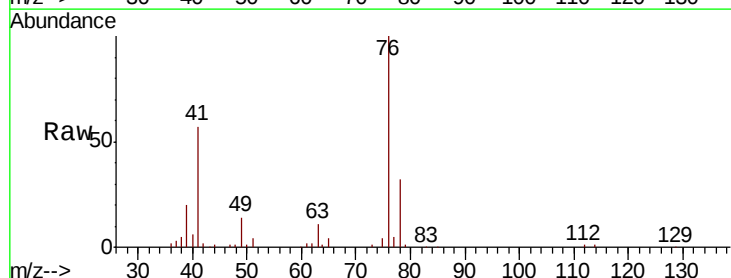
Acq: 3 Jul 2019 14:35

Tgt Ion: 76 Resp: 109060

Ion Ratio Lower Upper

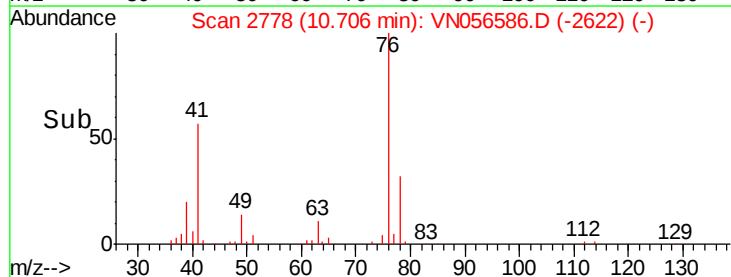
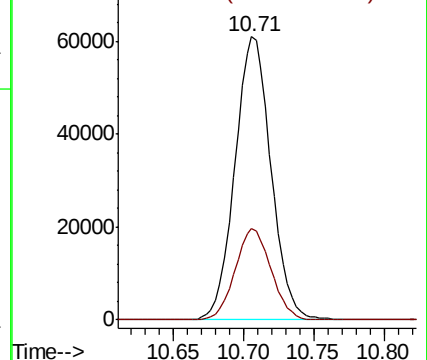
76 100

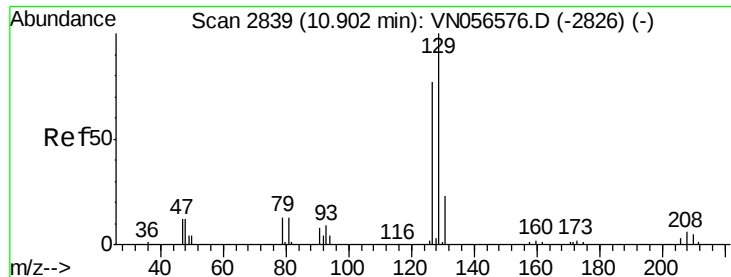
78 32.1 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.172 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

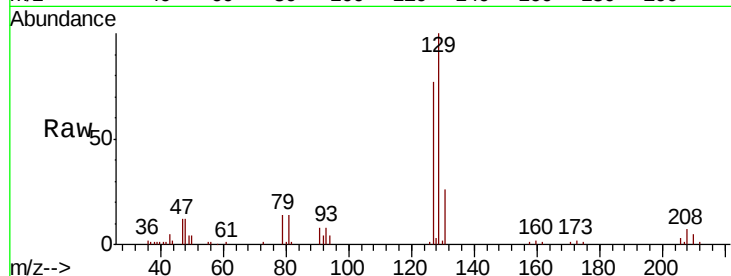
VN0703WBSD01

Tot Ion:129 Resp: 58317

Ion Ratio Lower Upper

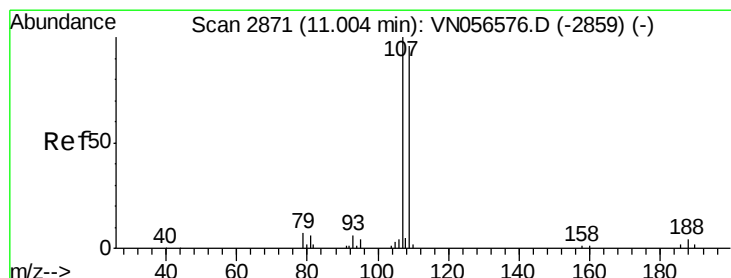
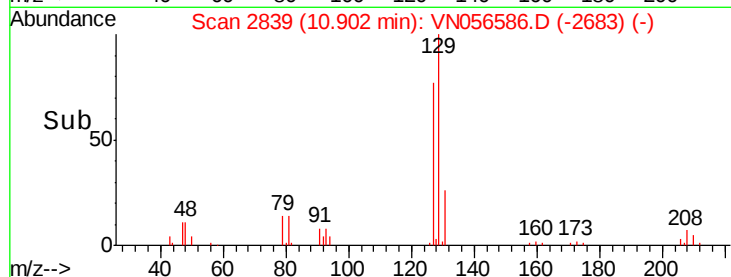
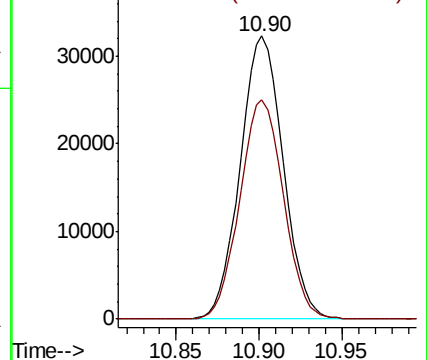
129 100

127 78.5 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.119 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056586.D

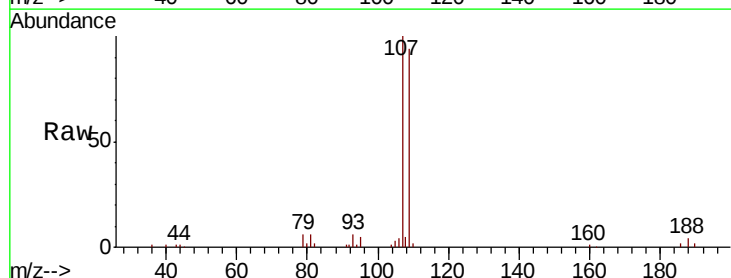
Acq: 3 Jul 2019 14:35

Tgt Ion:107 Resp: 65059

Ion Ratio Lower Upper

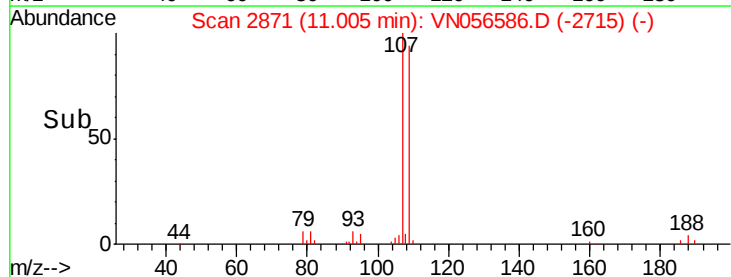
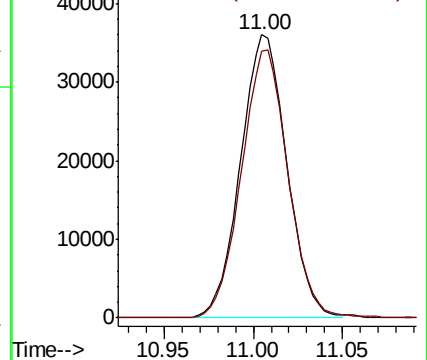
107 100

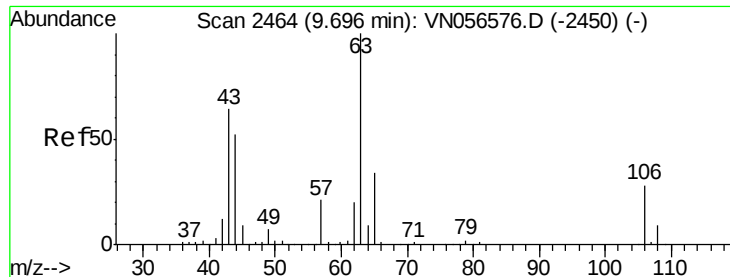
109 95.6 76.8 115.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

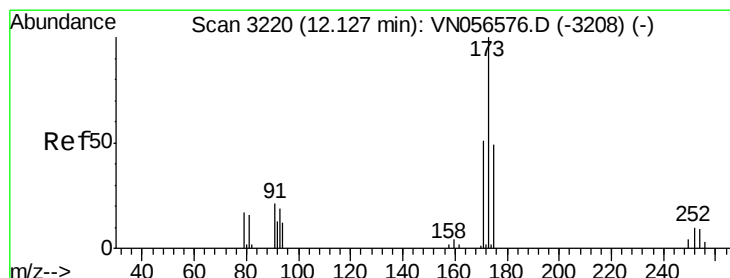
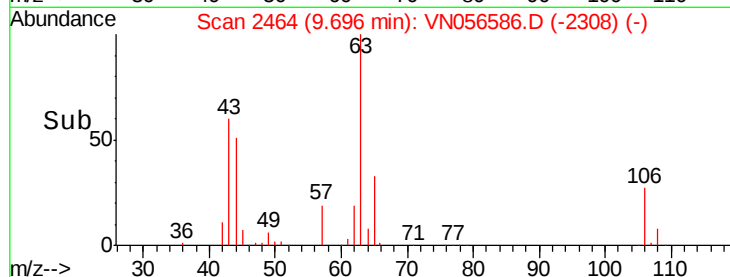
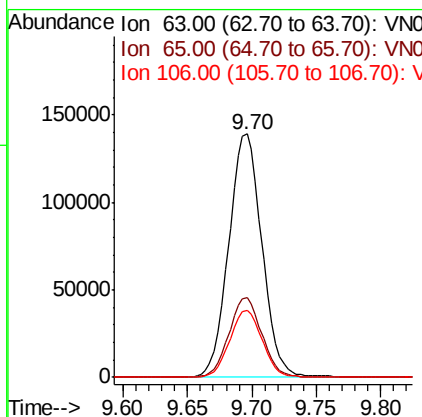
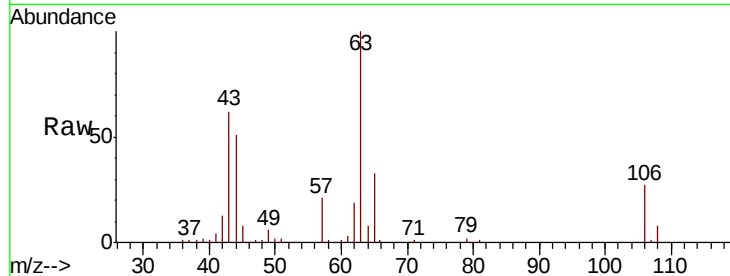




#55
2-Chloroethyl vinyl ether
Concen: 99.953 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

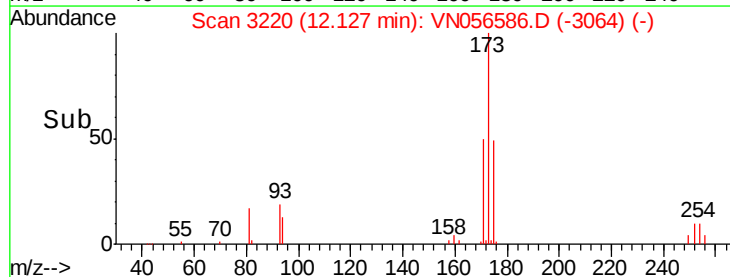
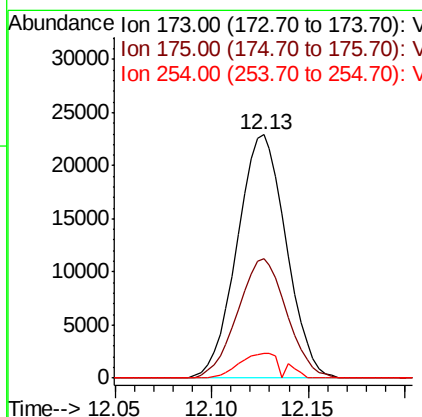
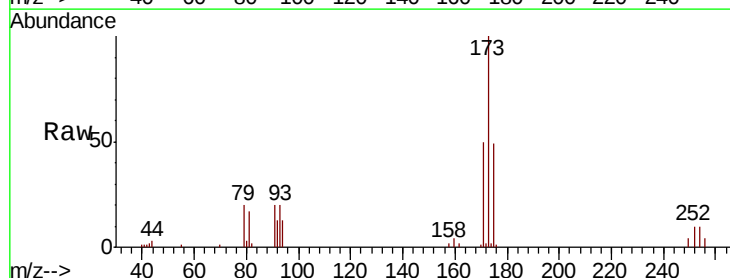
Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

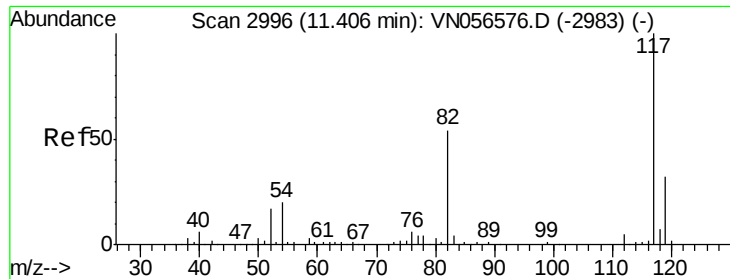
Tot Ion: 63 Resp: 248947
Ion Ratio Lower Upper
63 100
65 32.6 25.5 38.3
106 27.2 23.0 34.4



#56
Bromoform
Concen: 18.257 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 173 Resp: 40353
Ion Ratio Lower Upper
173 100
175 49.3 38.7 58.1
254 7.6 6.6 9.8

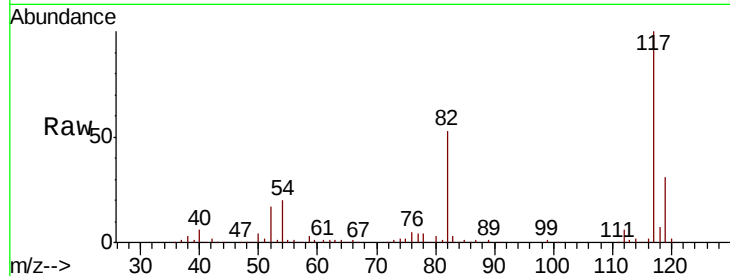




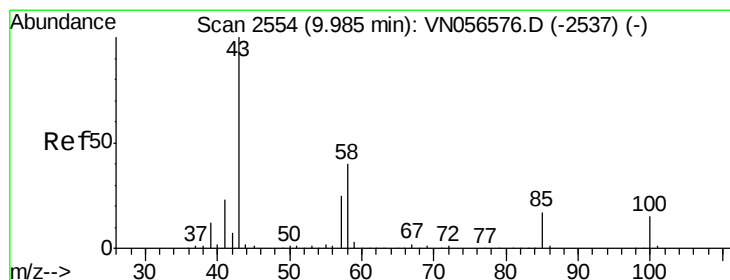
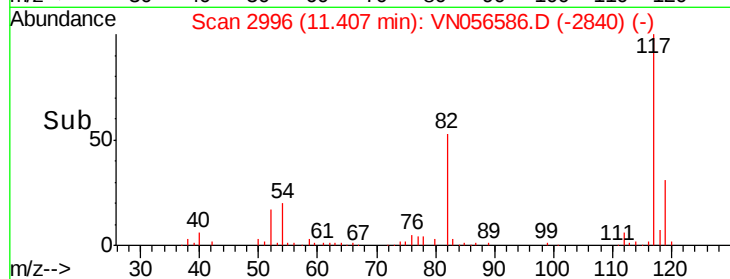
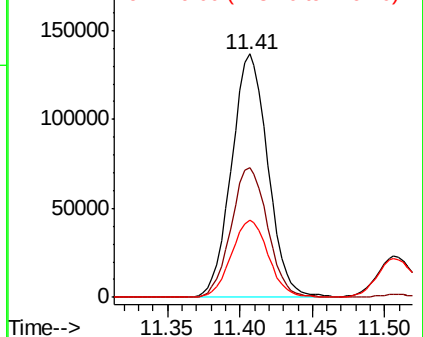
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

Tot Ion:117 Resp: 238139
Ion Ratio Lower Upper
117 100
82 53.6 41.2 61.8
119 32.2 26.2 39.2

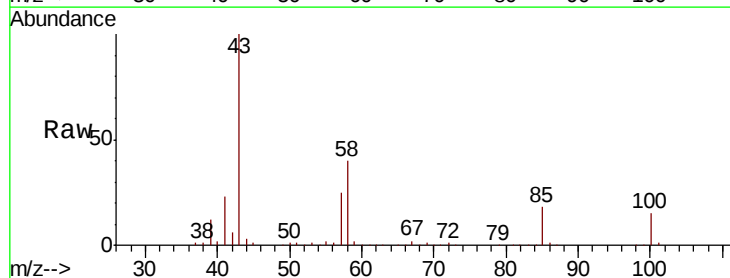


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

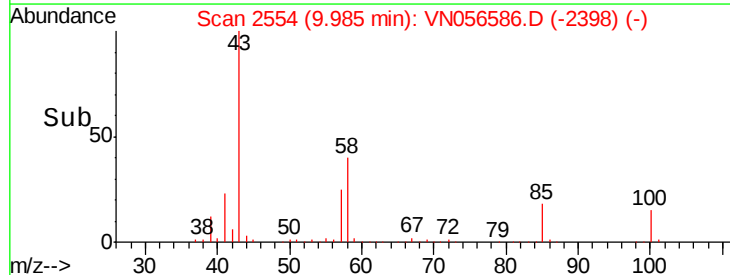
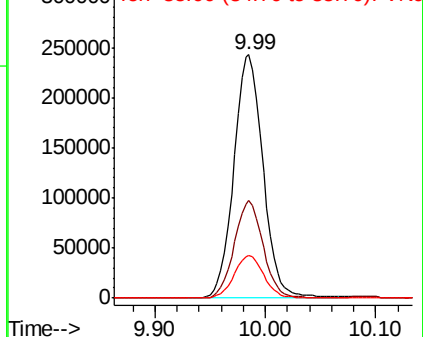


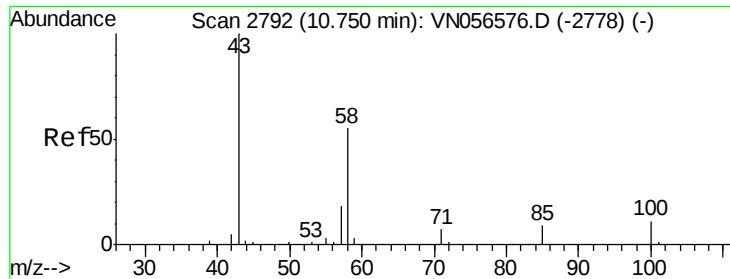
#58
4-Methyl-2-Pentanone
Concen: 103.941 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 43 Resp: 445041
Ion Ratio Lower Upper
43 100
58 39.6 33.1 49.7
85 17.7 15.5 23.3



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

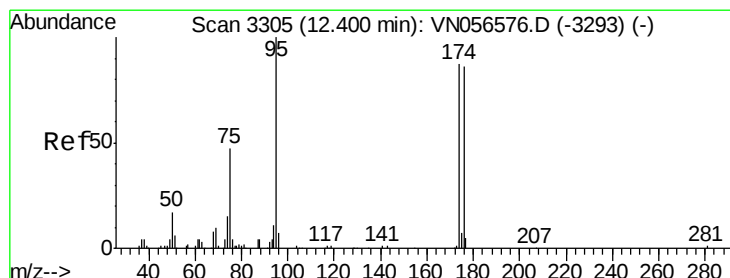
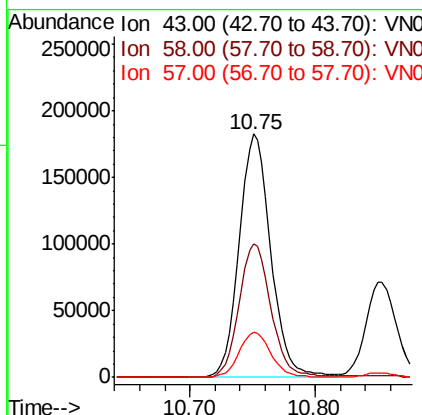
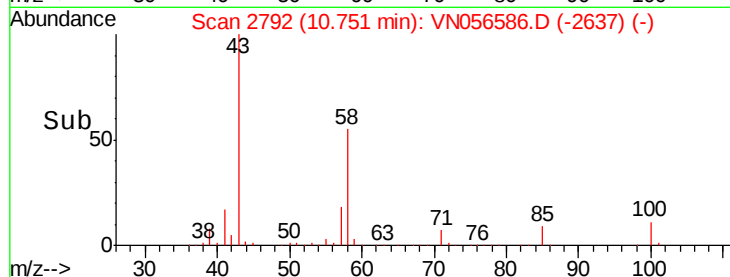
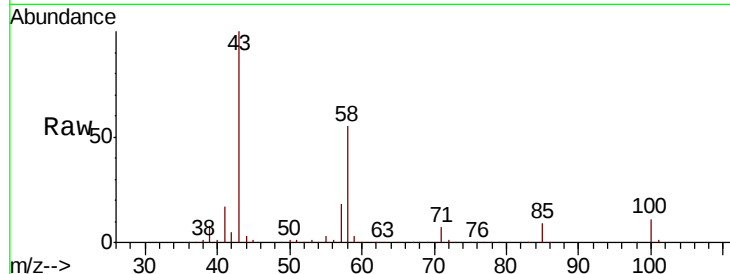




#59
2-Hexanone
Concen: 101.107 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

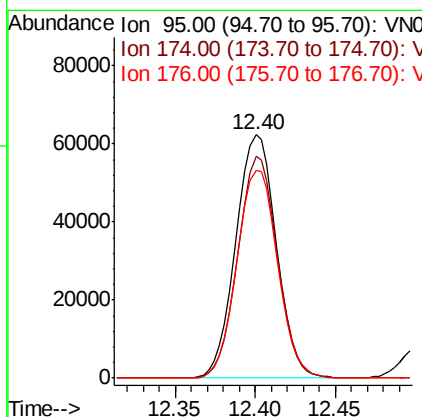
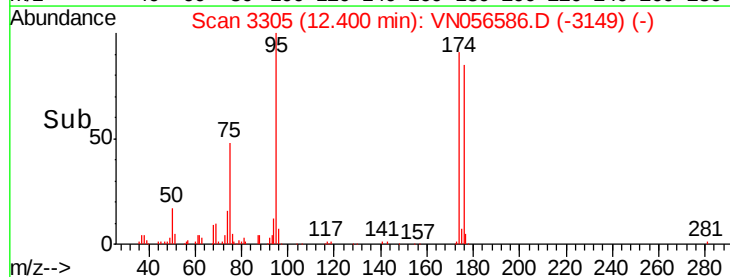
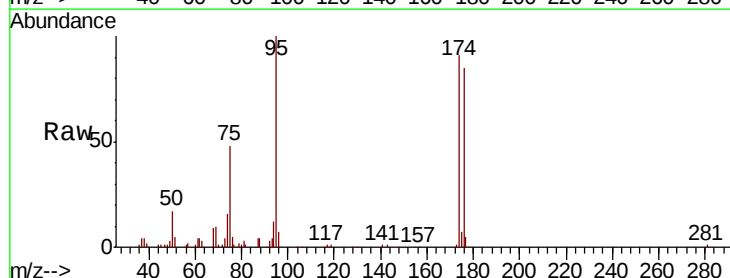
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

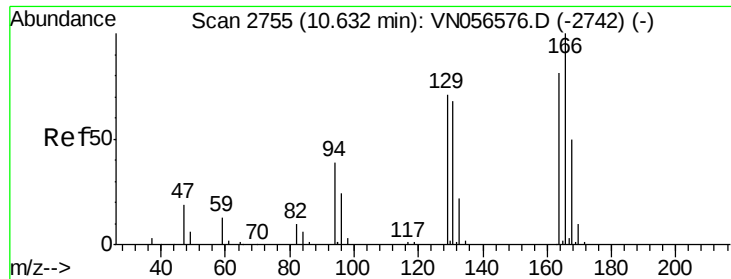
Tot Ion: 43 Resp: 321239
Ion Ratio Lower Upper
43 100
58 55.3 45.3 67.9
57 18.9 15.6 23.4



#60
4-Bromofluorobenzene
Concen: 29.426 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 95 Resp: 107679
Ion Ratio Lower Upper
95 100
174 88.9 75.4 113.0
176 85.6 73.9 110.9





#61

Tetrachloroethene

Concen: 21.000 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tot Ion:164 Resp: 62769

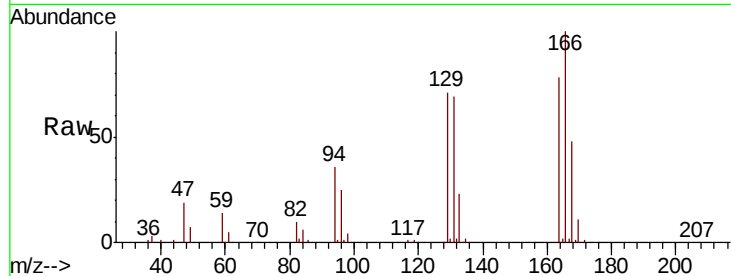
Ion Ratio Lower Upper

164 100

166 128.6 104.3 156.5

129 91.1 71.5 107.3

131 88.5 67.7 101.5

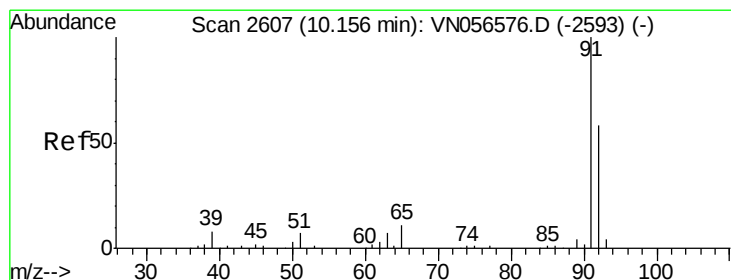
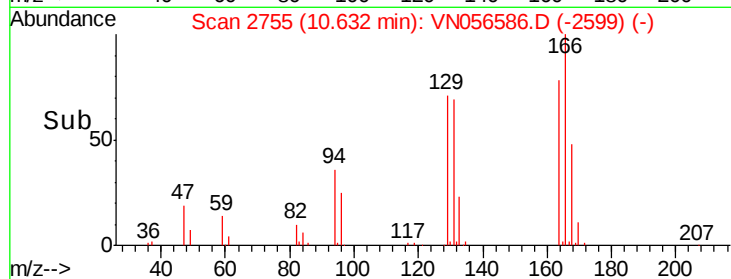
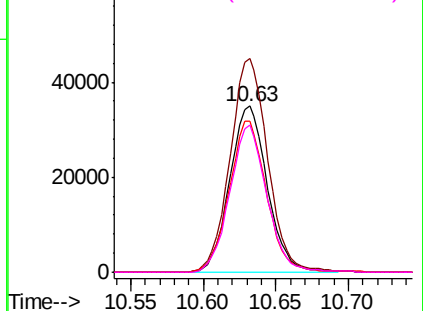


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.709 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056586.D

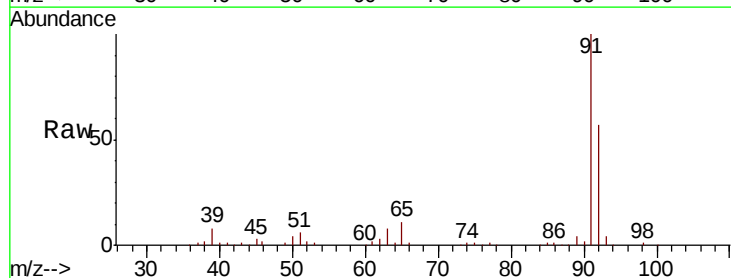
Acq: 3 Jul 2019 14:35

Tgt Ion: 91 Resp: 275240

Ion Ratio Lower Upper

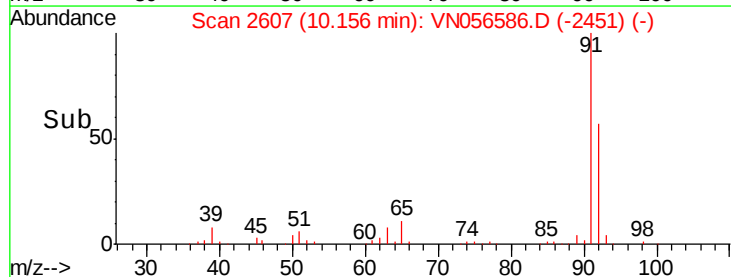
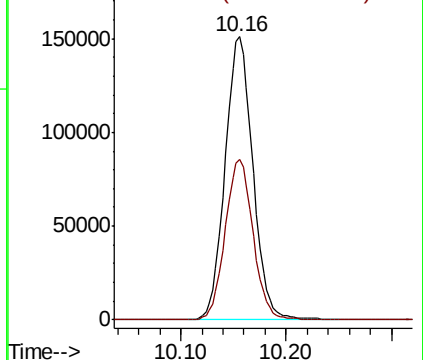
91 100

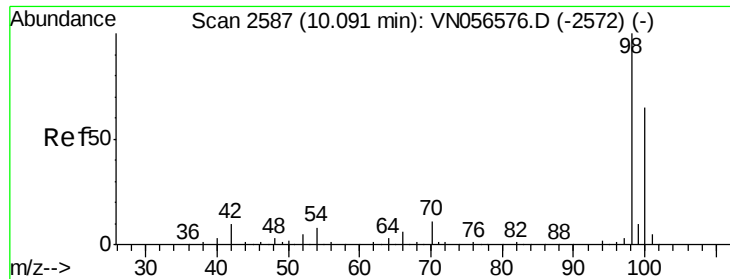
92 56.9 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.417 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

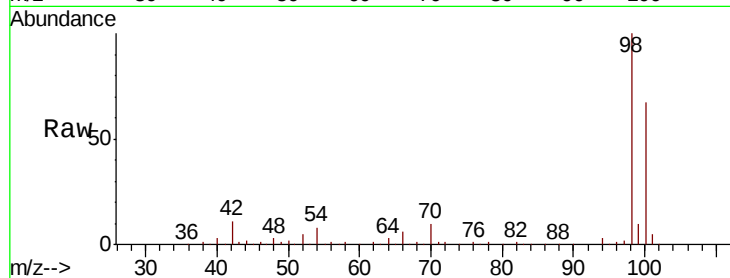
VN0703WBSD01

Tot Ion: 98 Resp: 336600

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN056576.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN056586.D (-2431) (-)

10.09

150000

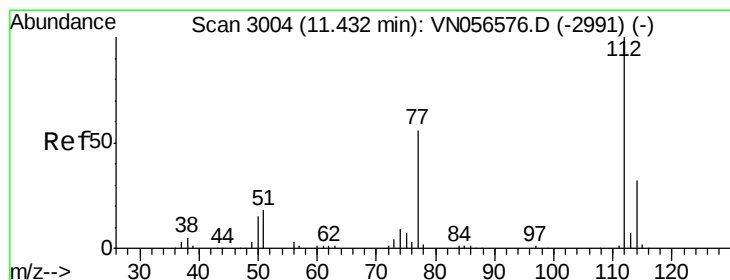
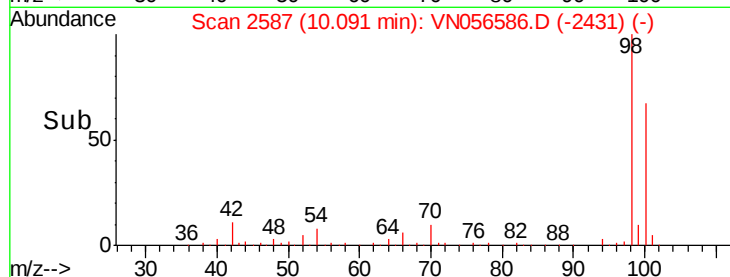
100000

50000

0

Time-->

10.00 10.10 10.20



#64

Chlorobenzene

Concen: 20.385 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056586.D

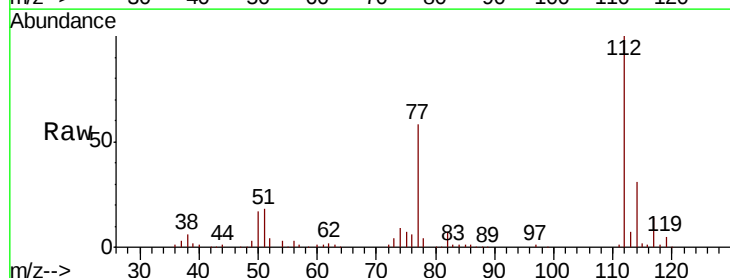
Acq: 3 Jul 2019 14:35

Tgt Ion: 112 Resp: 163223

Ion Ratio Lower Upper

112 100

114 31.3 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): VN056576.D (-2991) (-)

Ion 114.00 (113.70 to 114.70): VN056586.D (-2848) (-)

11.43

100000

80000

60000

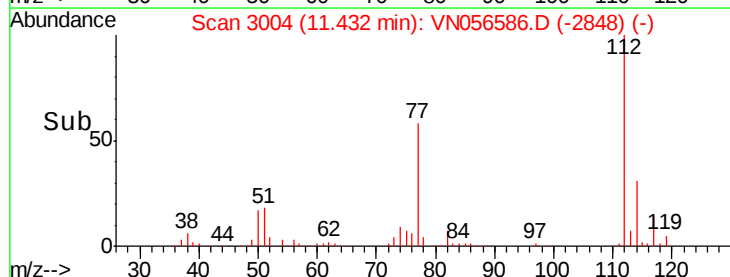
40000

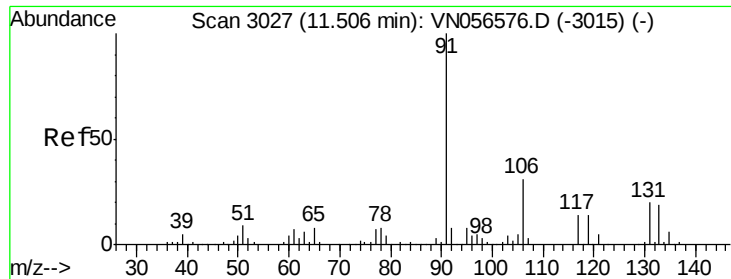
20000

0

Time-->

11.40 11.50

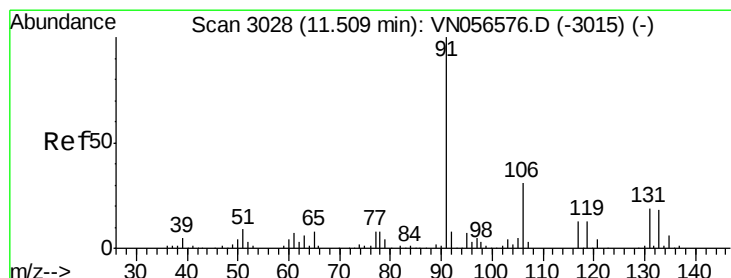
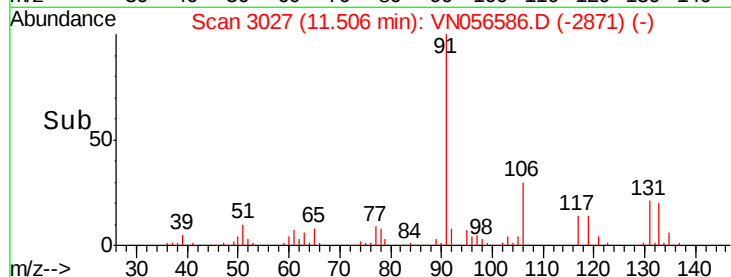
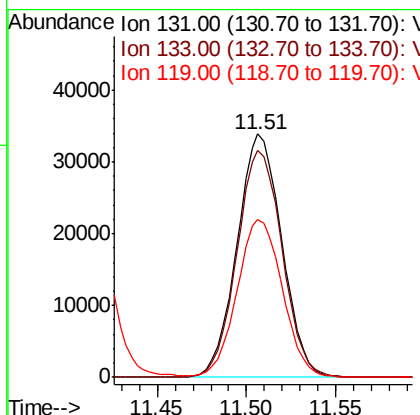
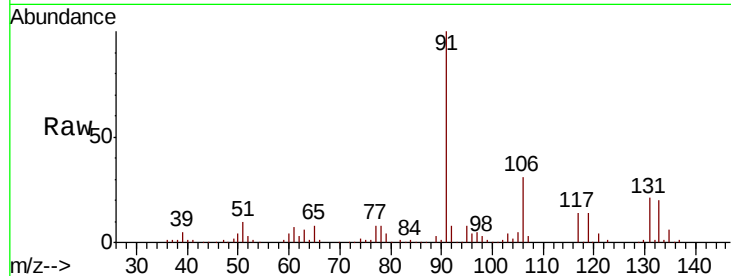




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.515 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

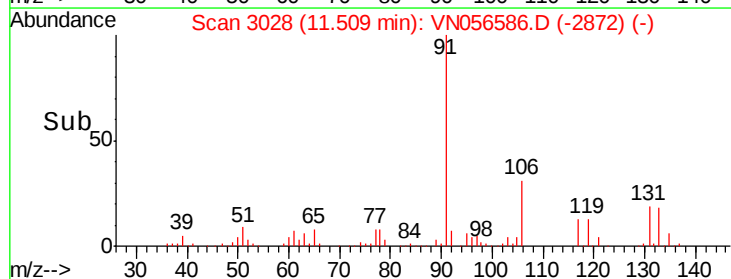
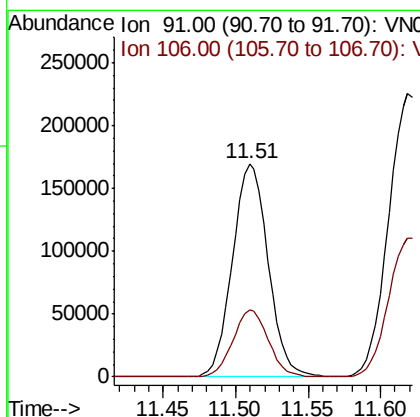
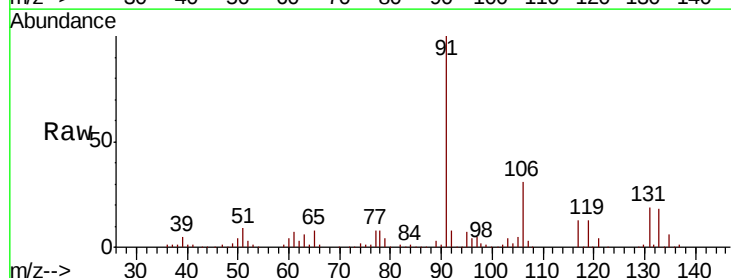
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

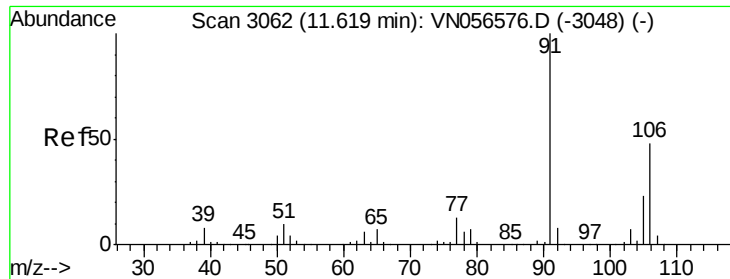
Tot Ion:131 Resp: 59161
 Ion Ratio Lower Upper
 131 100
 133 94.2 0.0 193.8
 119 65.9 0.0 134.4



#66
 Ethyl Benzene
 Concen: 20.108 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion: 91 Resp: 289776
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.7 38.5

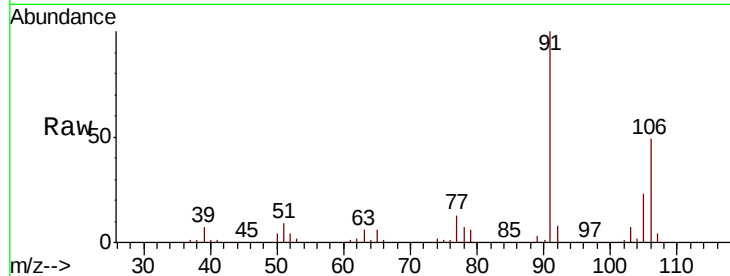




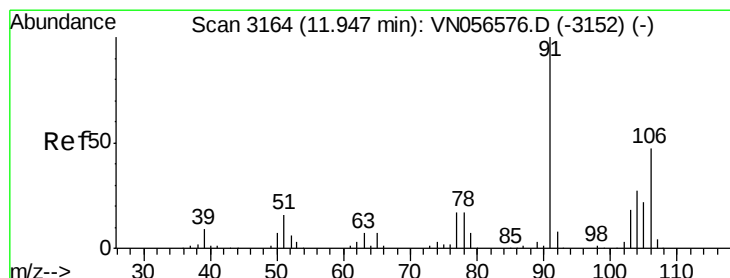
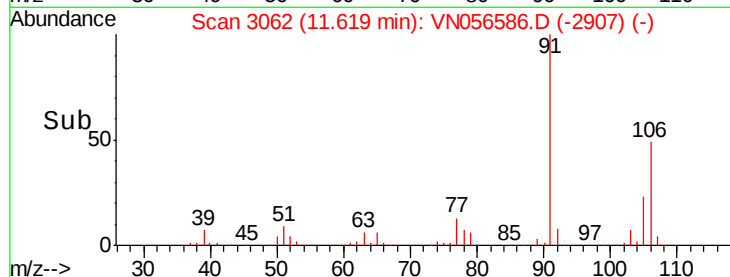
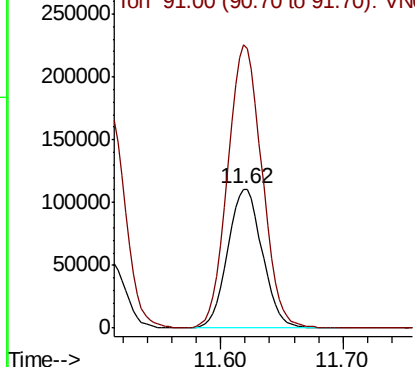
#67
m/p-Xvlenes
Concen: 41.110 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

Tot Ion:106 Resp: 218630
Ion Ratio Lower Upper
106 100
91 202.3 155.7 233.5

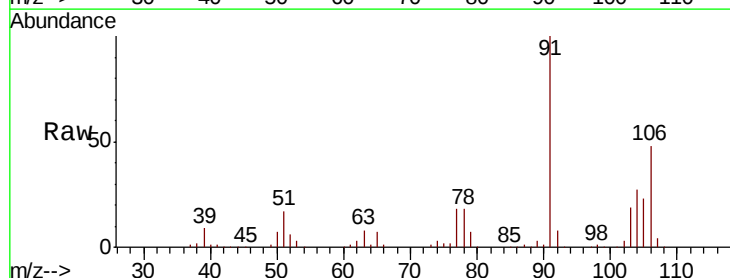


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

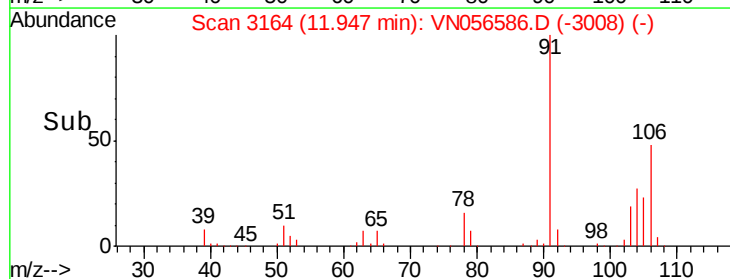
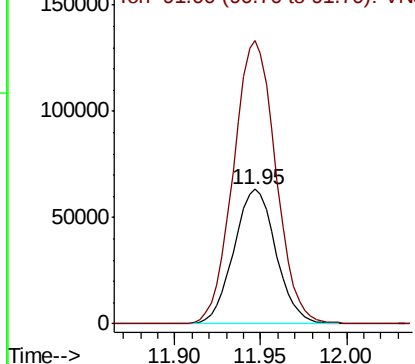


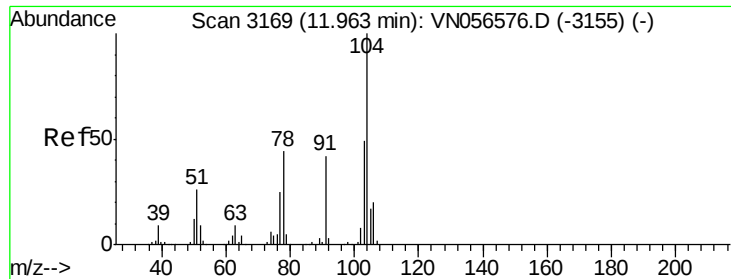
#68
o-Xylene
Concen: 20.487 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion:106 Resp: 107750
Ion Ratio Lower Upper
106 100
91 211.8 103.9 311.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

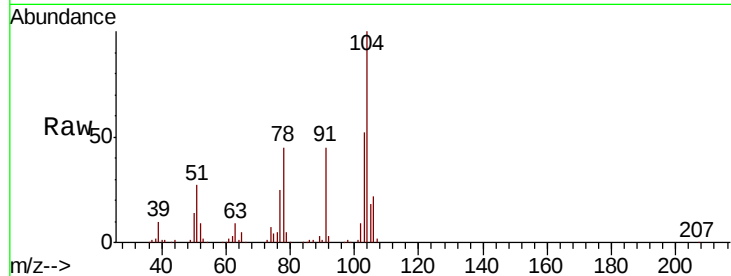




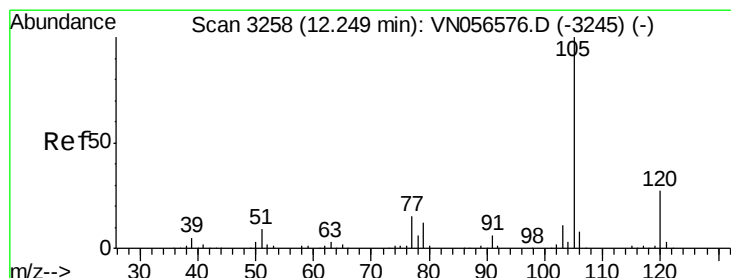
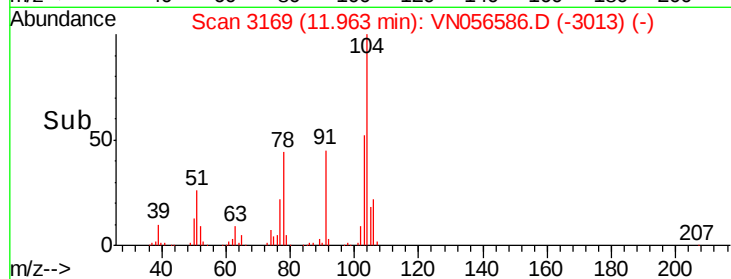
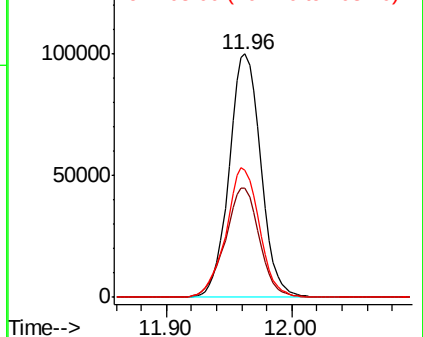
#69
Stvrene
Concen: 20.071 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

Tot Ion:104 Resp: 175638
Ion Ratio Lower Upper
104 100
78 48.7 37.0 55.6
103 56.2 44.4 66.6

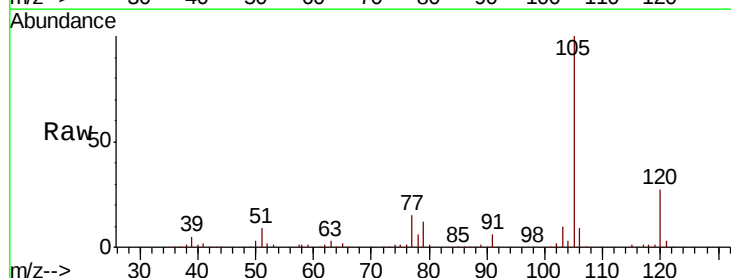


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

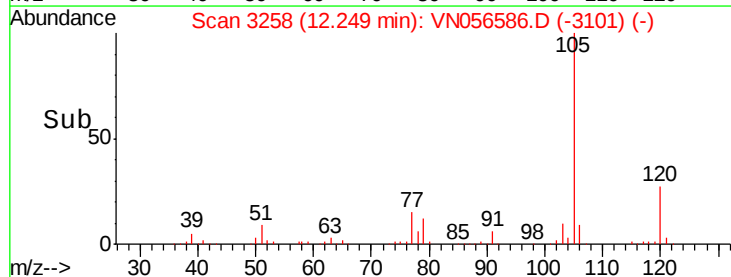
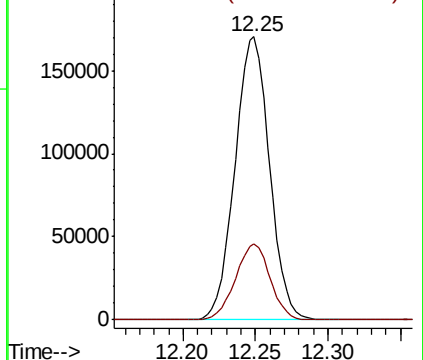


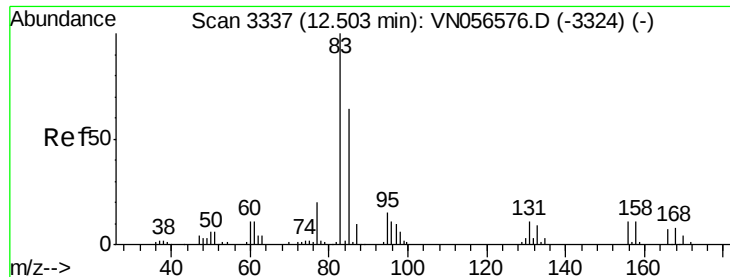
#70
Isopropylbenzene
Concen: 20.498 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion:105 Resp: 281285
Ion Ratio Lower Upper
105 100
120 26.8 19.3 35.8



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

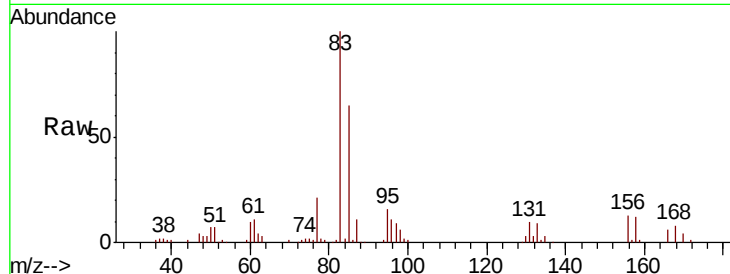




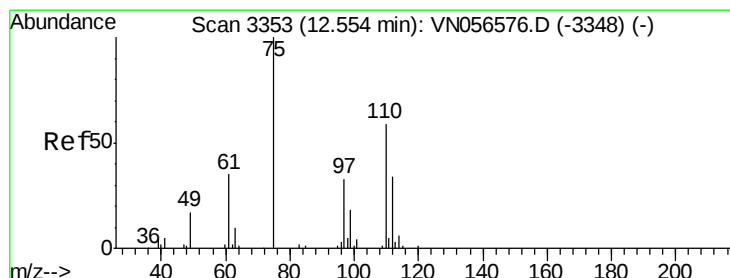
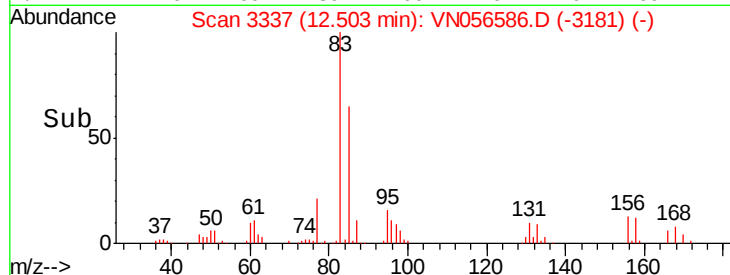
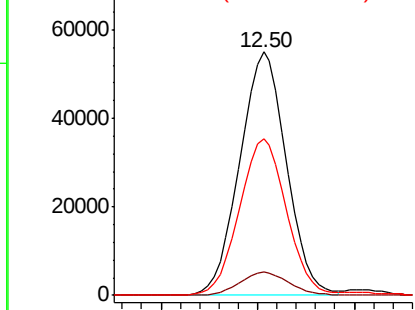
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.348 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion	83	Resp	92315
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.2	15.6
85	64.7	31.6	94.7

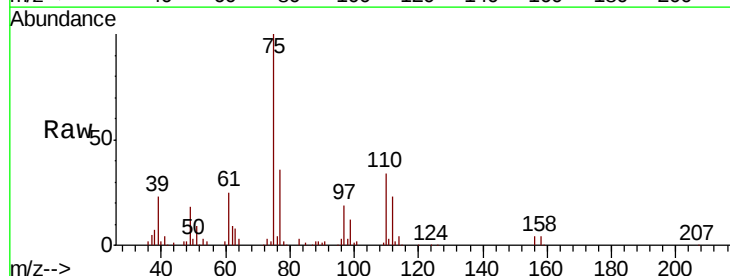


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

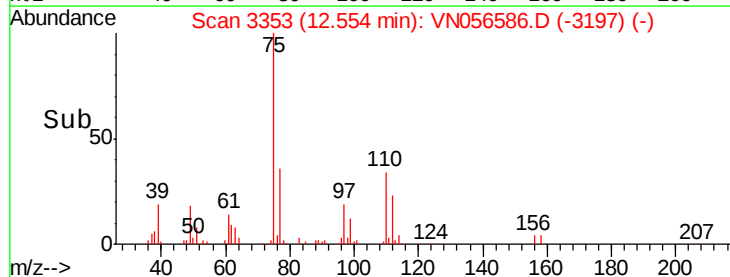
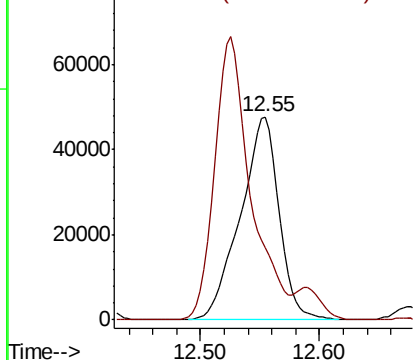


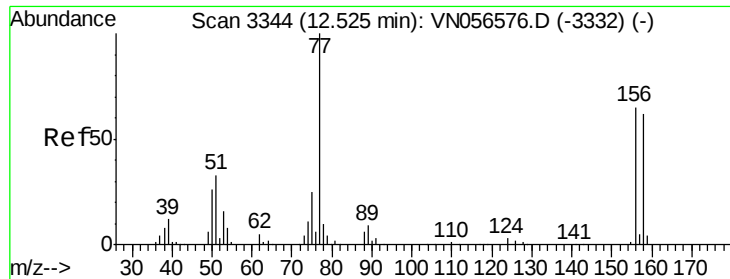
#72
 1,2,3-Trichloropropane
 Concen: 28.159 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion	75	Resp	107430
Ion Ratio	Lower	Upper	
75	100		
77	130.4	0.0	350.0



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





#73

Bromobenzene

Concen: 20.266 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

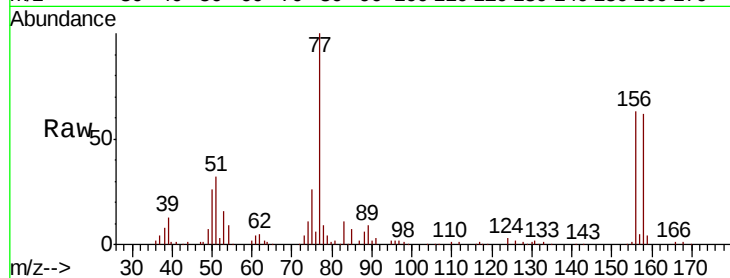
Tot Ion:156 Resp: 71724

Ion Ratio Lower Upper

156 100

77 195.4 0.0 350.8

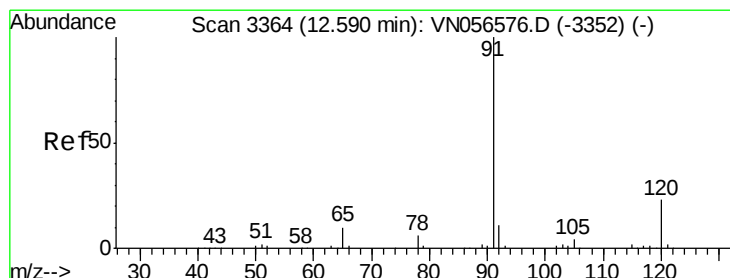
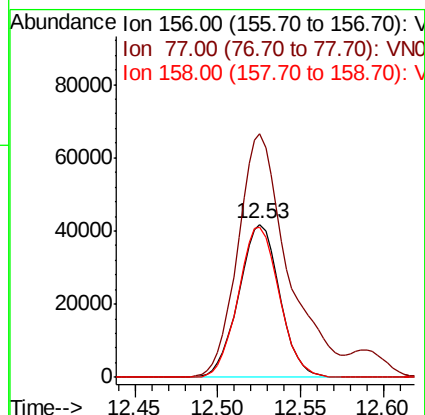
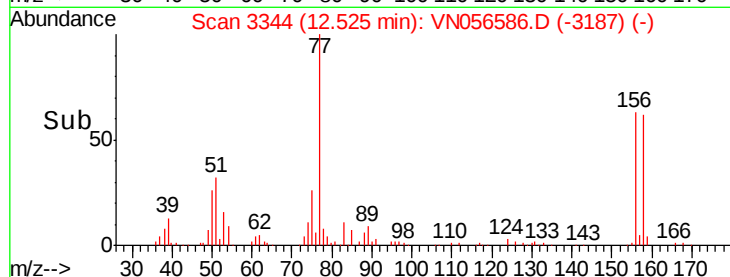
158 99.0 0.0 193.2



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: 19.884 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056586.D

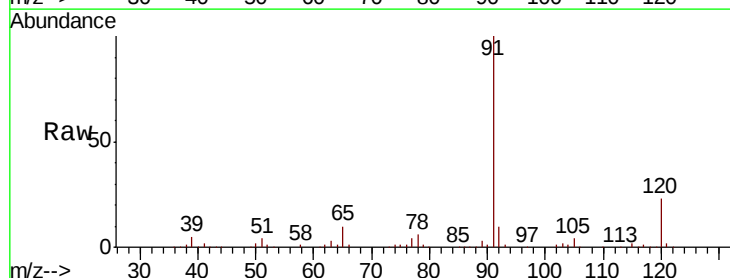
Acq: 3 Jul 2019 14:35

Tgt Ion: 91 Resp: 309571

Ion Ratio Lower Upper

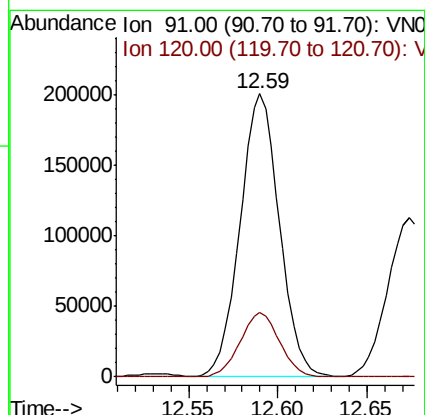
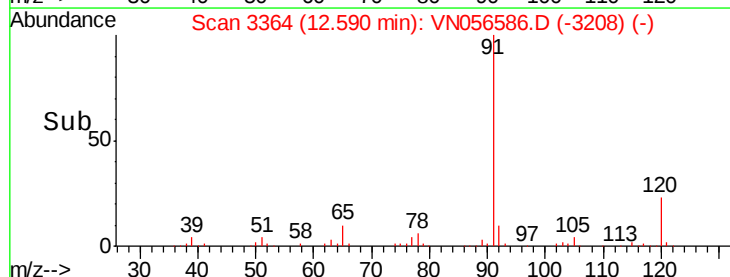
91 100

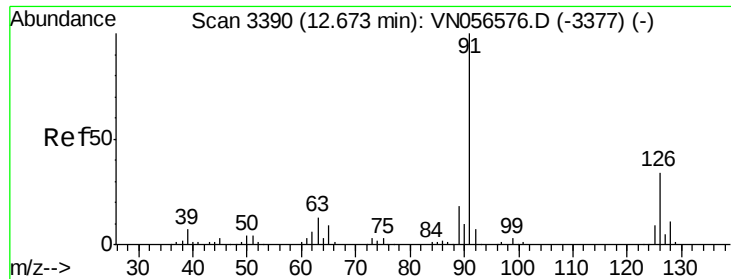
120 22.9 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.329 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampled :

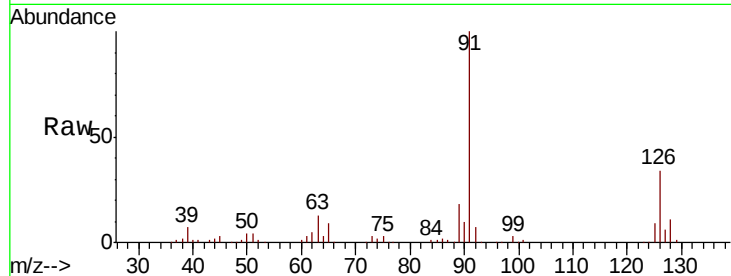
VN0703WBSD01

Tot Ion: 91 Resp: 189249

Ion Ratio Lower Upper

91 100

126 35.1 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VN056576.D (-3377) (-)

Ion 126.00 (125.70 to 126.70): VN056576.D (-3377) (-)

150000

100000

50000

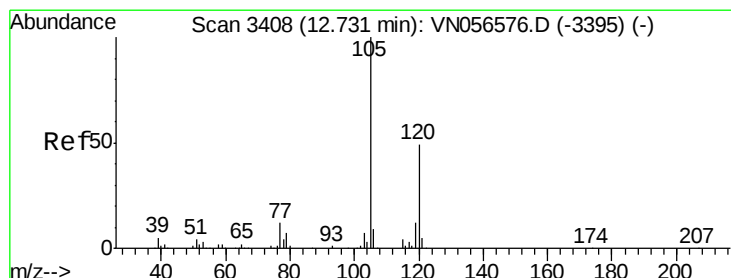
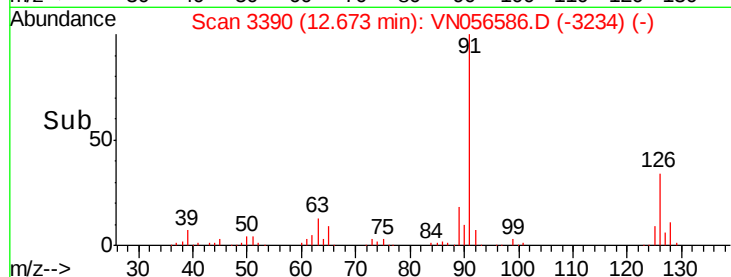
0

12.67

12.65

12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.333 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056586.D

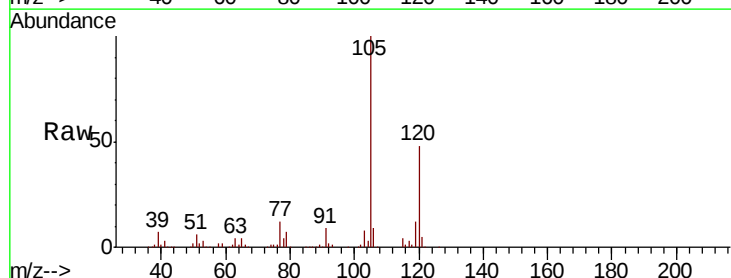
Acq: 3 Jul 2019 14:35

Tgt Ion: 105 Resp: 236274

Ion Ratio Lower Upper

105 100

120 48.7 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VN056576.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN056576.D (-3395) (-)

150000

100000

50000

0

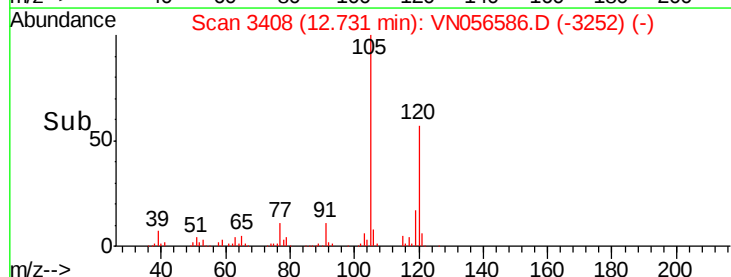
12.73

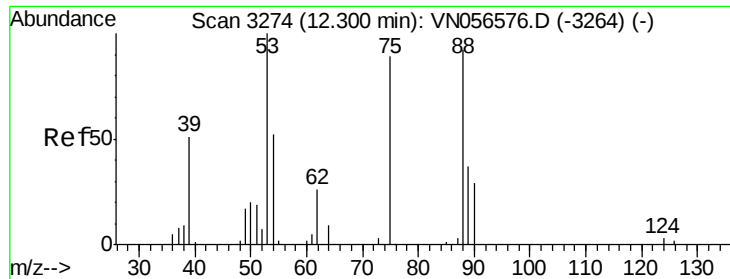
12.70

12.75

12.80

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.867 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampled :

VN0703WBSD01

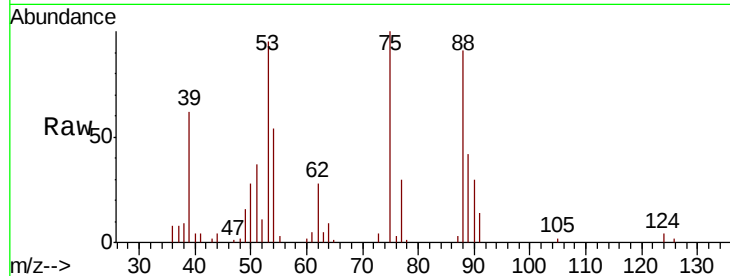
Tot Ion: 75 Resp: 21834

Ion Ratio Lower Upper

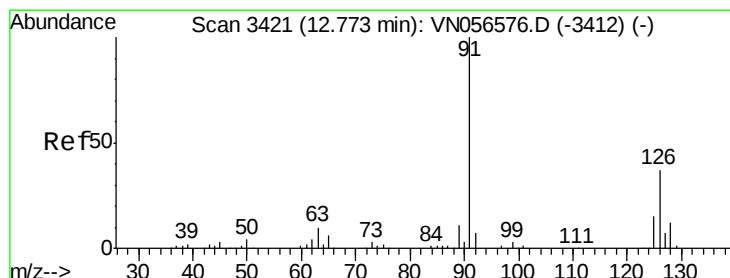
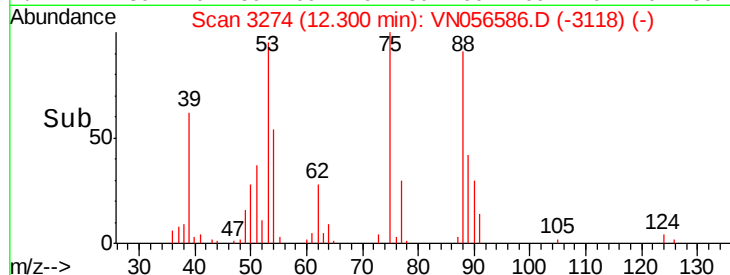
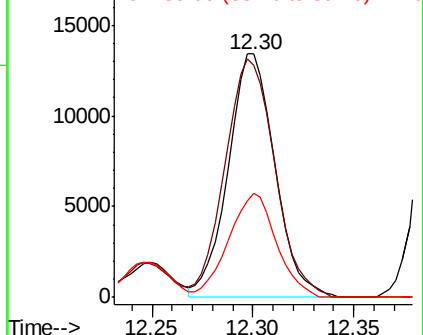
75 100

53 95.2 48.0 144.0

89 42.5 22.5 67.5



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: 20.276 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056586.D

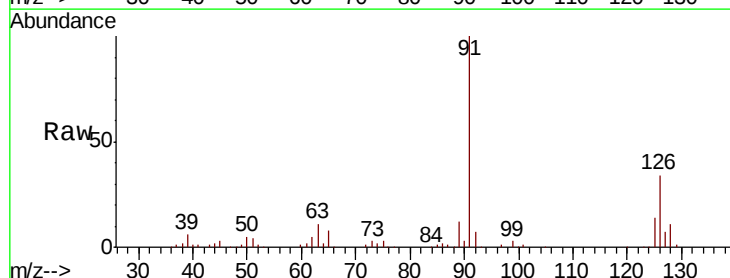
Acq: 3 Jul 2019 14:35

Tgt Ion: 91 Resp: 183576

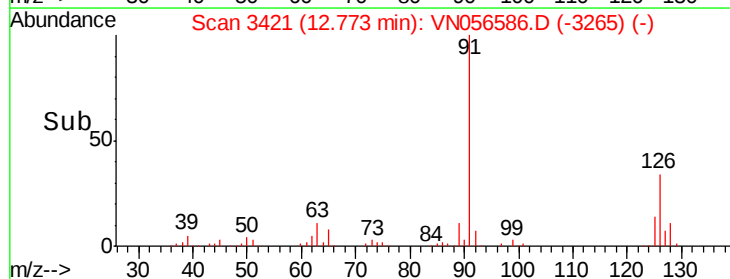
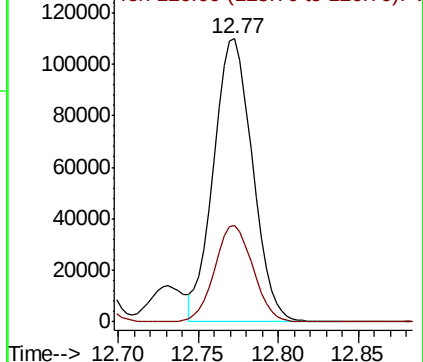
Ion Ratio Lower Upper

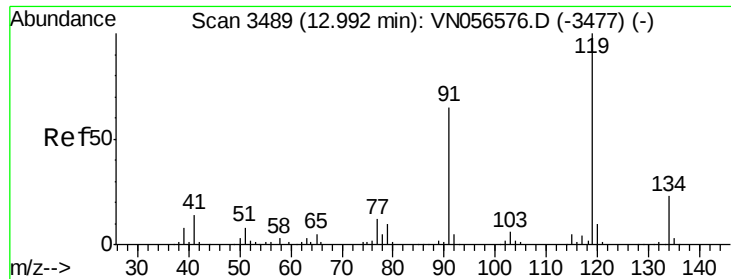
91 100

126 33.4 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V

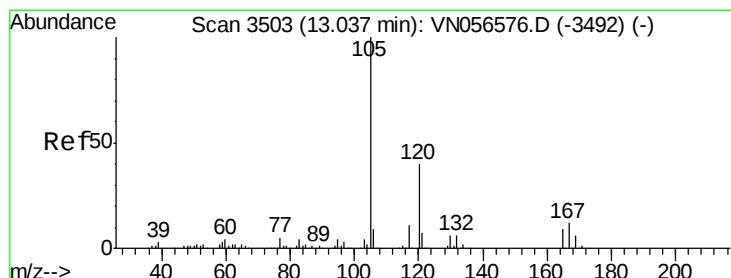
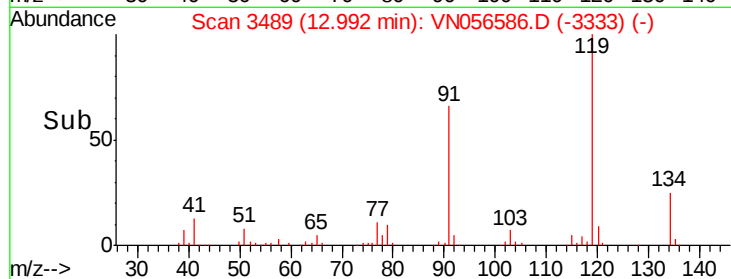
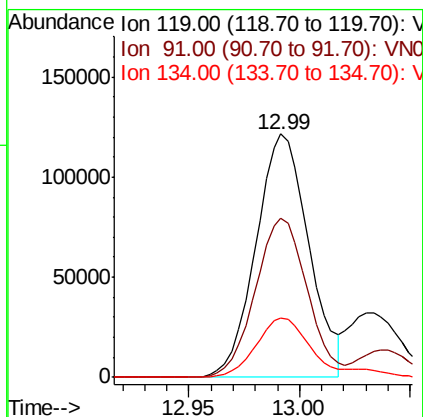
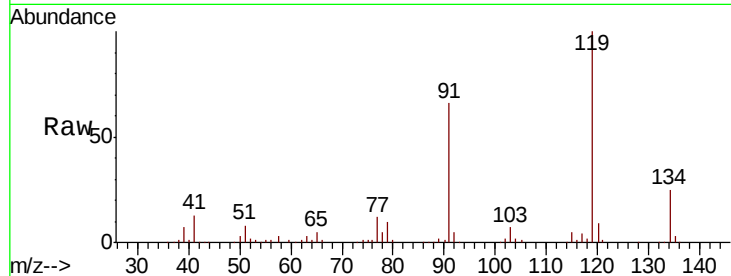




#79
tert-butylbenzene
Concen: 20.409 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

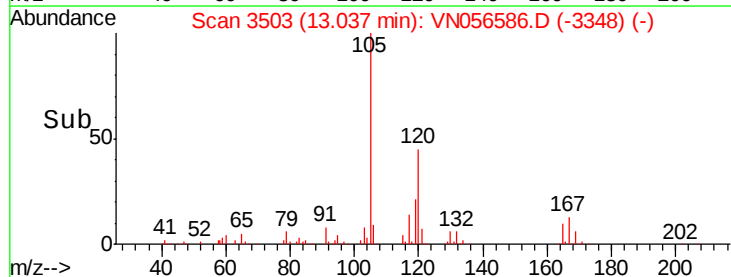
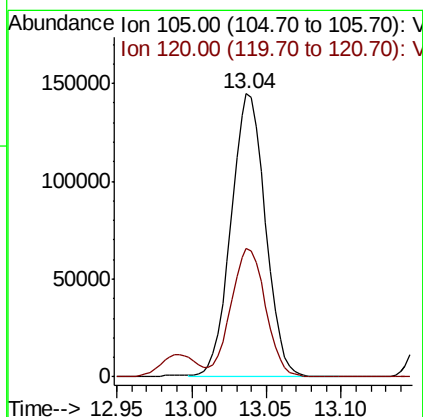
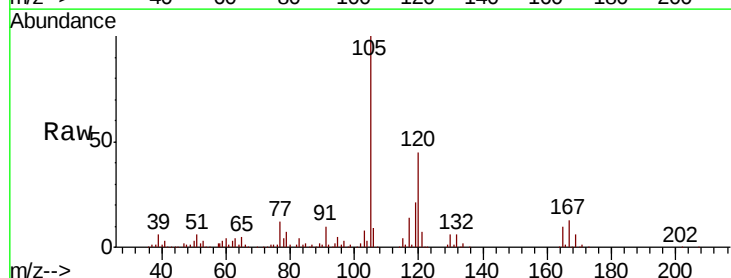
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

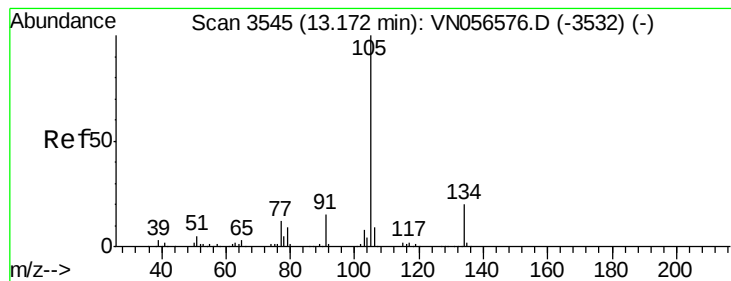
Tot Ion:119 Resp: 202622
Ion Ratio Lower Upper
119 100
91 64.2 0.0 122.8
134 24.9 0.0 50.2



#80
1,2,4-Trimethylbenzene
Concen: 20.148 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion:105 Resp: 231239
Ion Ratio Lower Upper
105 100
120 45.7 0.0 93.4





#81

sec-Butylbenzene

Concen: 20.089 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

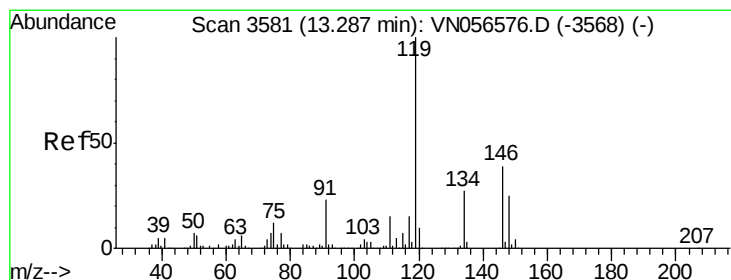
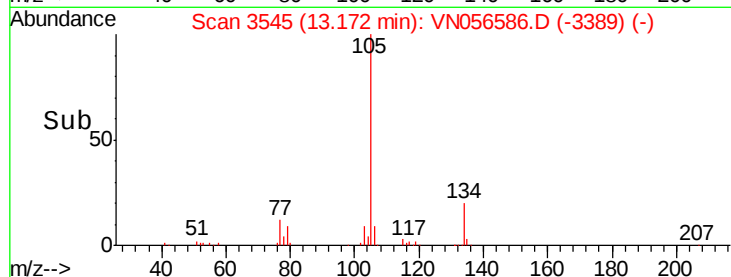
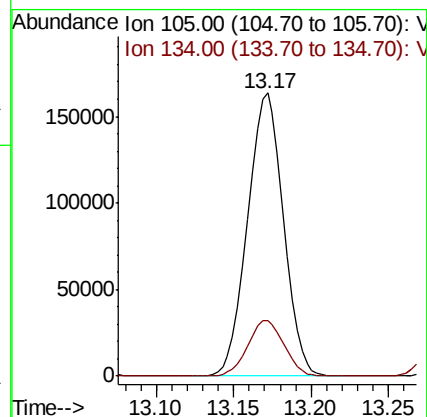
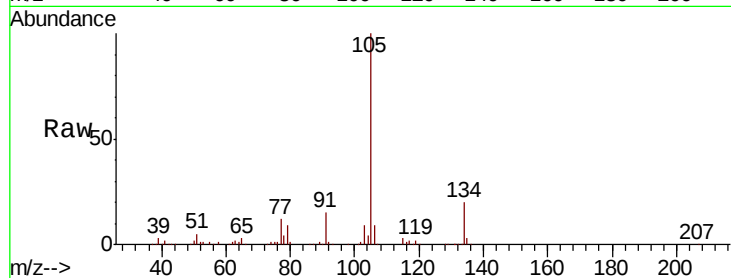
VN0703WBSD01

Tot Ion:105 Resp: 264485

Ion Ratio Lower Upper

105 100

134 19.8 0.0 41.8



#82

p-Isopropyltoluene

Concen: 19.954 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

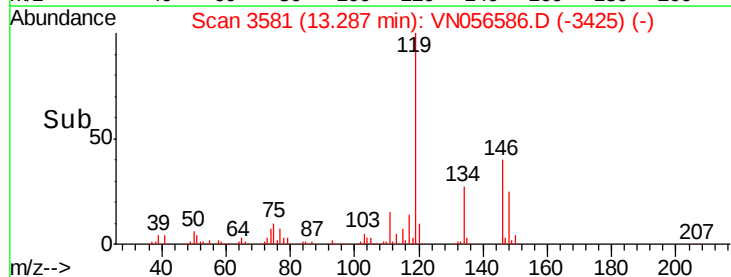
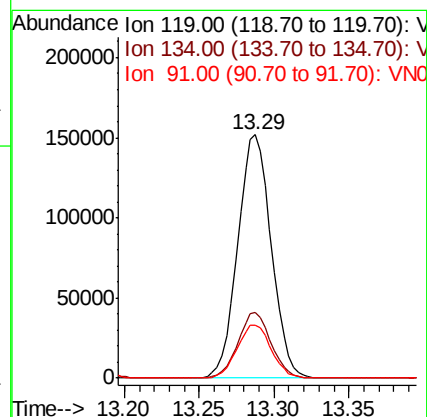
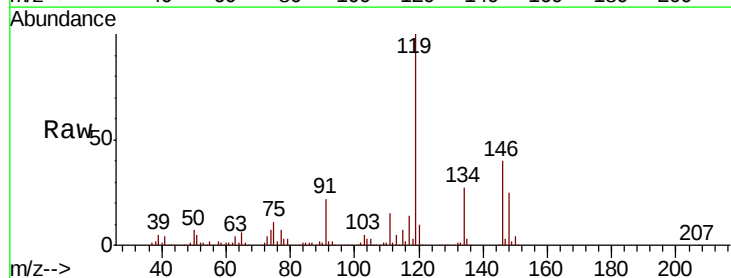
Tgt Ion:119 Resp: 236191

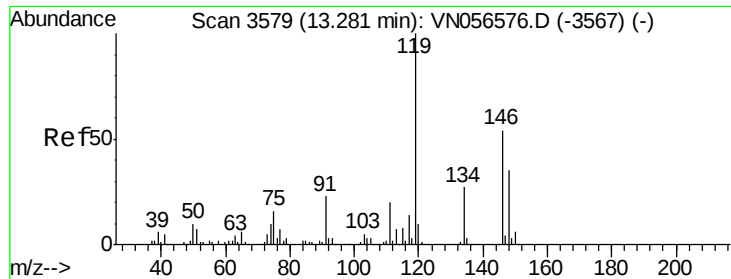
Ion Ratio Lower Upper

119 100

134 26.5 0.0 53.4

91 22.3 0.0 43.0

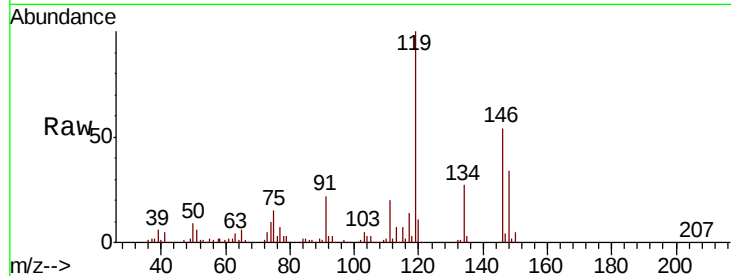




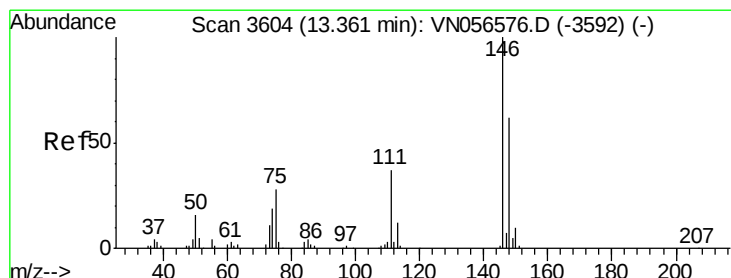
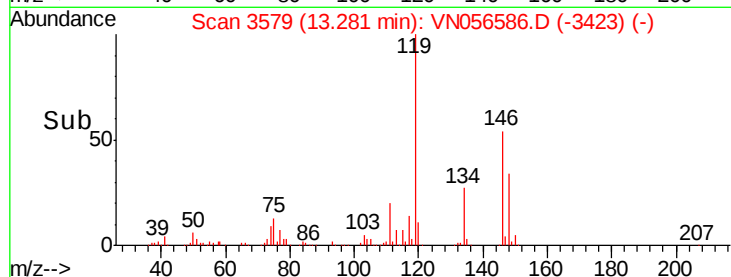
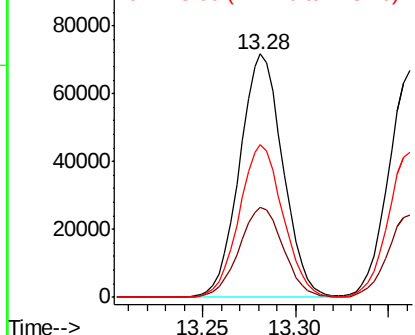
#83
 1,3-Dichlorobenzene
 Concen: 19.815 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion:146 Resp: 116458
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.2 54.6
 148 63.2 31.9 95.9

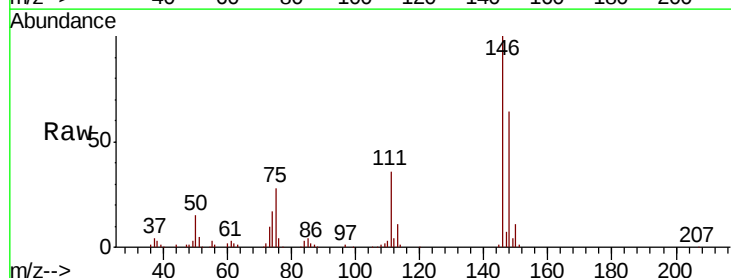


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

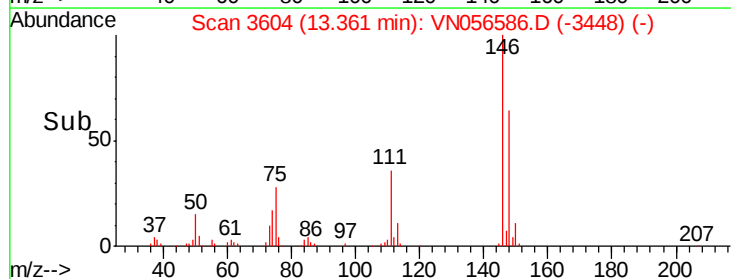
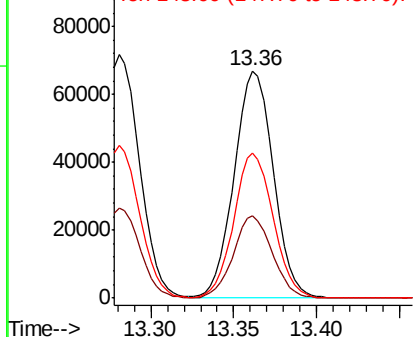


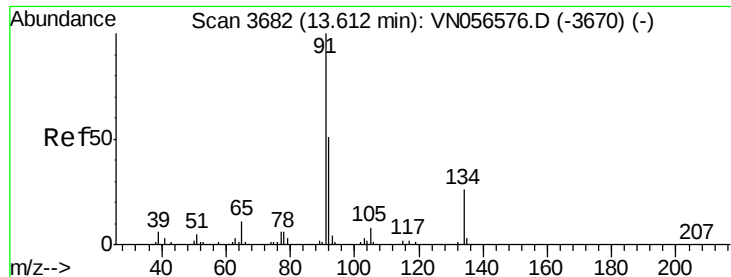
#84
 1,4-Dichlorobenzene
 Concen: 19.313 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion:146 Resp: 109496
 Ion Ratio Lower Upper
 146 100
 111 36.2 17.6 52.9
 148 64.4 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

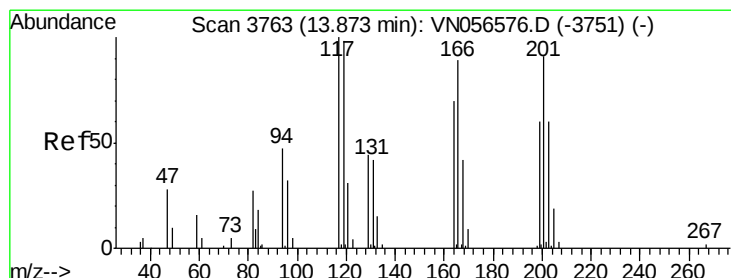
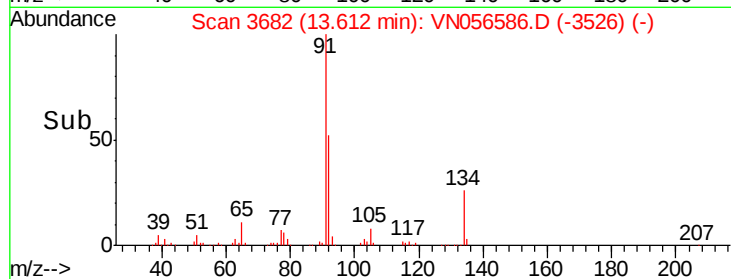
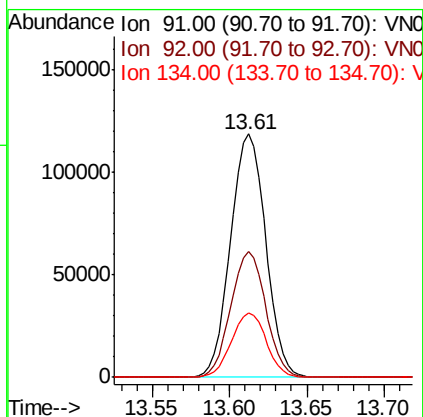
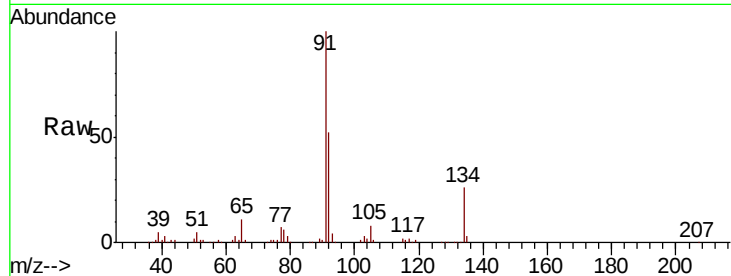




#85
n-Butylbenzene
Concen: 18.870 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

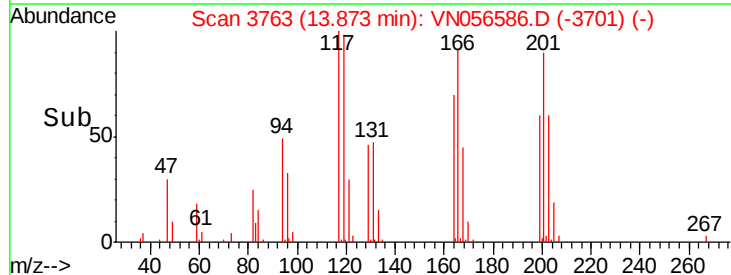
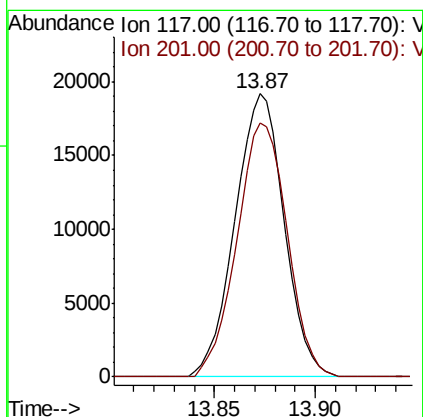
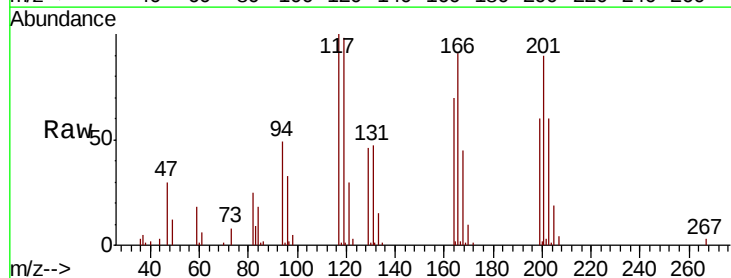
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

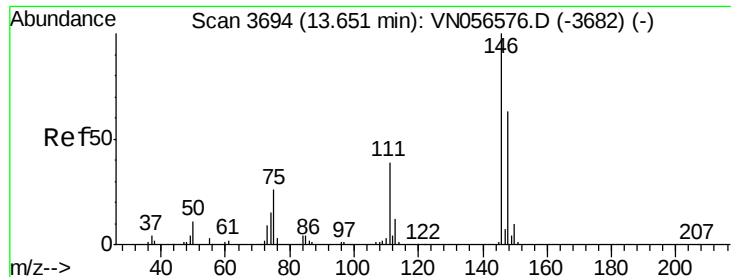
Tot Ion: 91 Resp: 187707
Ion Ratio Lower Upper
91 100
92 51.2 0.0 107.2
134 26.1 0.0 55.8



#86
Hexachloroethane
Concen: 18.359 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056586.D
Acq: 3 Jul 2019 14:35

Tgt Ion: 117 Resp: 32768
Ion Ratio Lower Upper
117 100
201 91.6 48.1 144.4

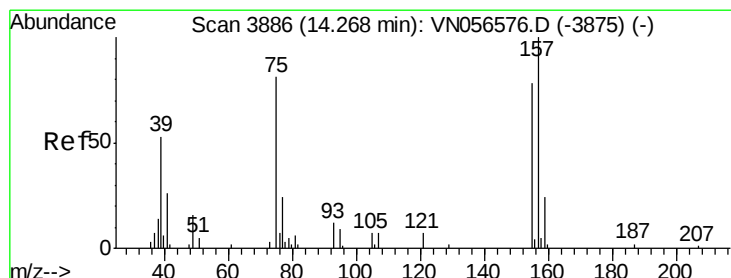
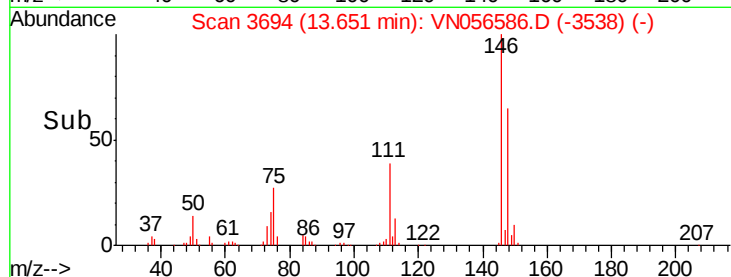
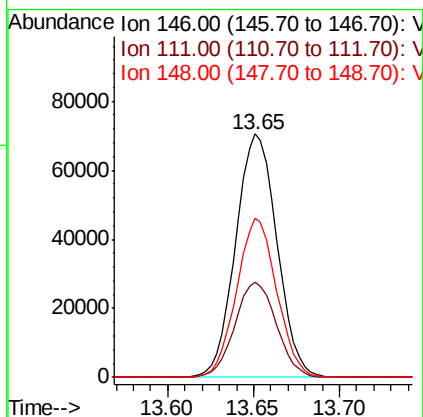
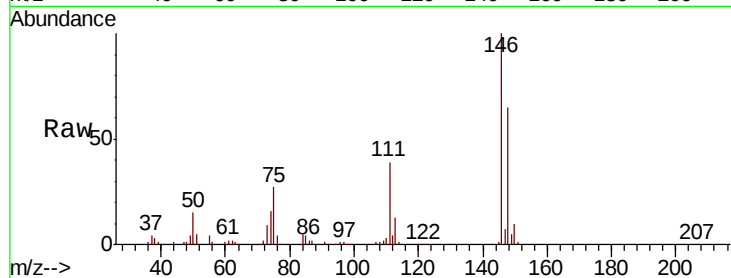




#87
 1,2-Dichlorobenzene
 Concen: 19.686 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

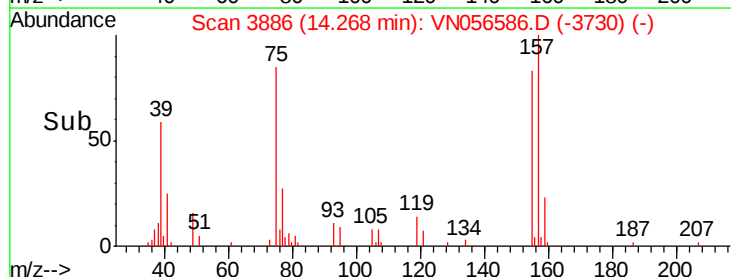
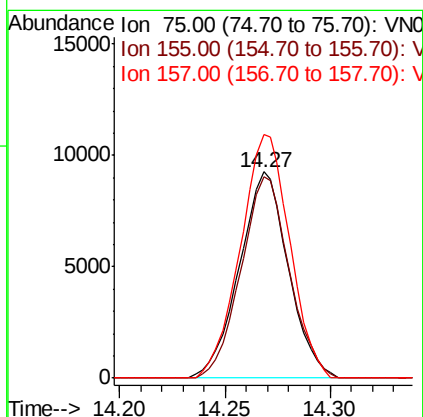
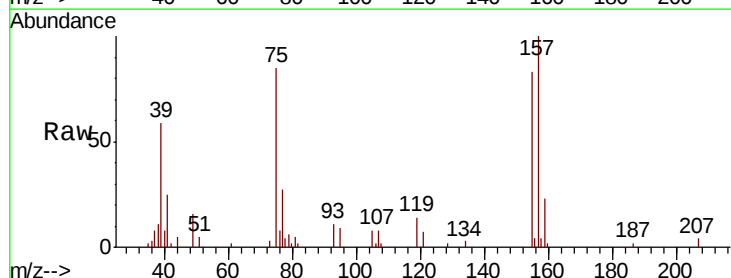
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

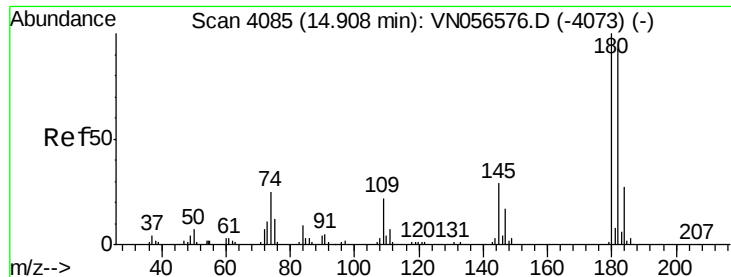
Tot Ion:146 Resp: 117494
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.3 57.9
 148 63.7 32.6 97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.374 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion: 75 Resp: 14937
 Ion Ratio Lower Upper
 75 100
 155 96.3 82.5 123.7
 157 119.1 105.1 157.7

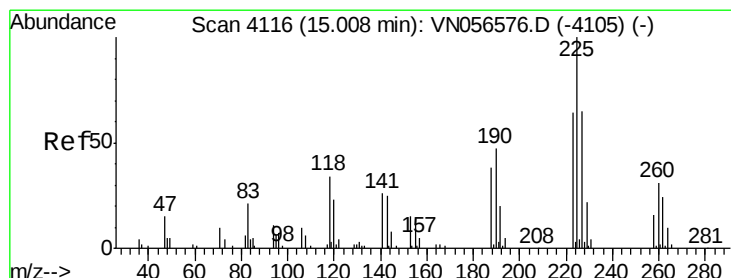
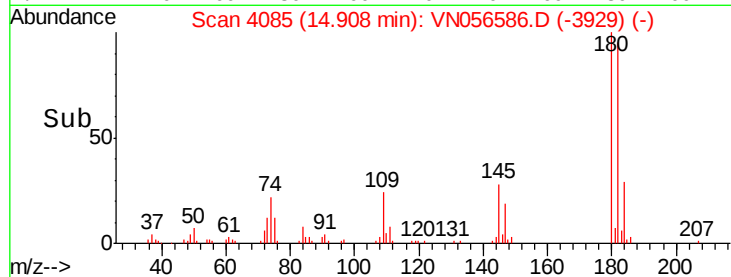
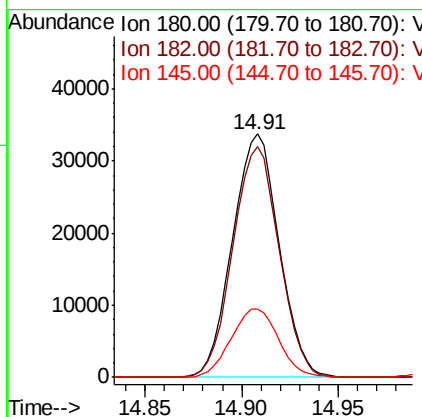
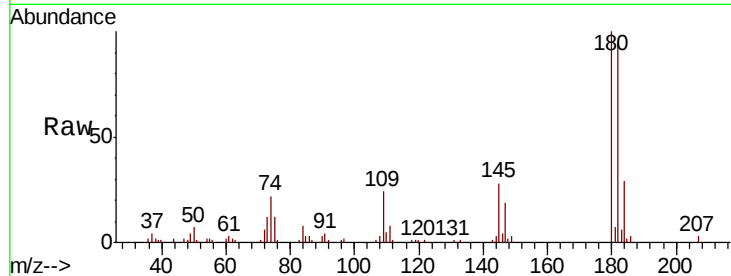




#89
 1,2,4-Trichlorobenzene
 Concen: 17.129 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

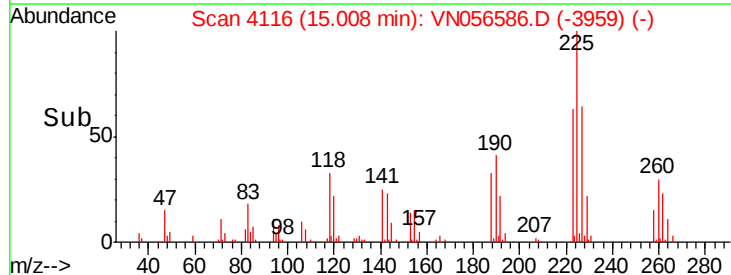
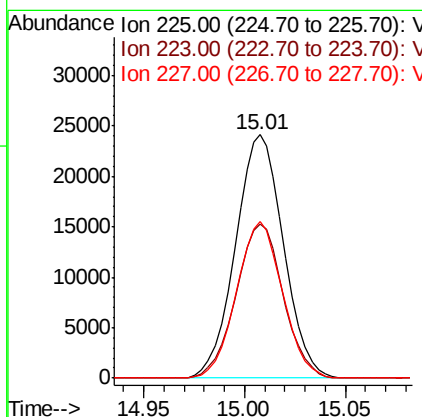
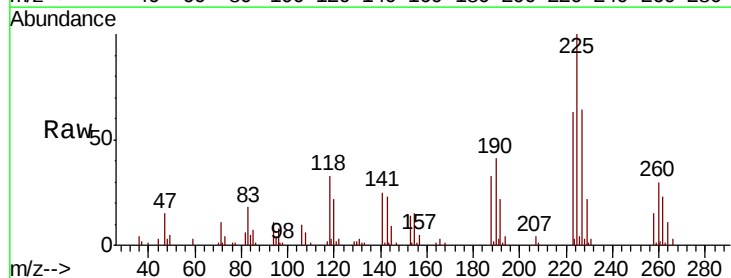
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

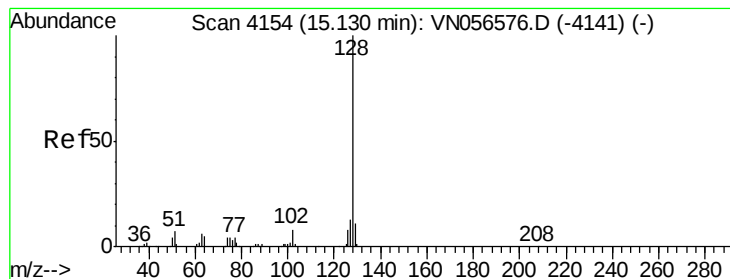
Tot Ion:180 Resp: 56508
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.0 112.6
 145 28.7 22.1 33.1



#90
 Hexachlorobutadiene
 Concen: 19.554 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056586.D
 Acq: 3 Jul 2019 14:35

Tgt Ion:225 Resp: 40079
 Ion Ratio Lower Upper
 225 100
 223 62.3 0.0 125.6
 227 61.7 0.0 128.6





#91

Naphthalene

Concen: 17.316 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

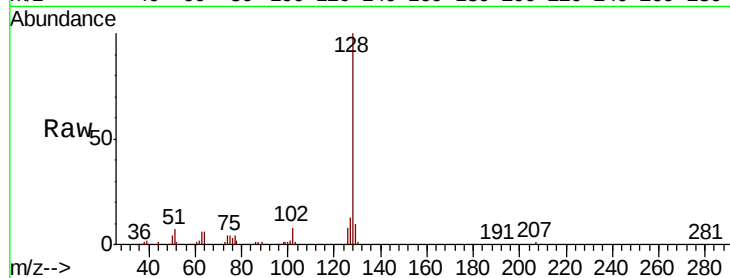
Tot Ion:128 Resp: 160303

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

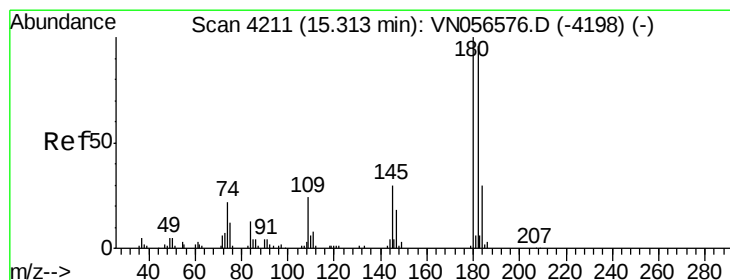
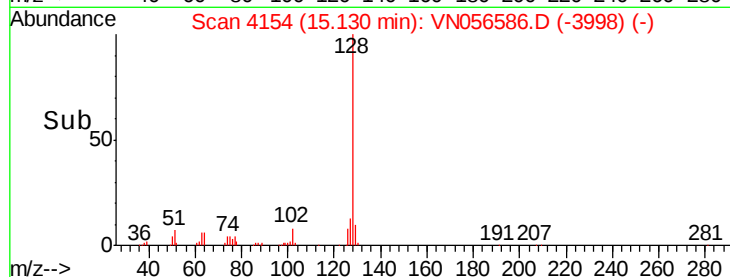
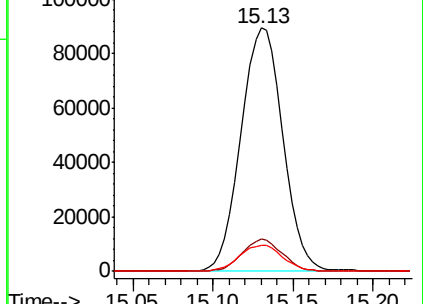
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.992 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056586.D

Acq: 3 Jul 2019 14:35

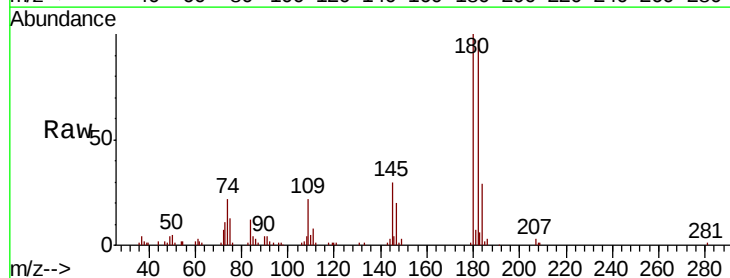
Tgt Ion:180 Resp: 62309

Ion Ratio Lower Upper

180 100

182 95.5 0.0 193.4

145 31.1 0.0 59.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

