

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
 Data File : VN056899.D
 Acq On : 24 Jul 2019 1:30
 Operator : JC/SP
 Sample : VN0724WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBSD01

Quant Time: Jul 24 03:51:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 03:39:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	57862	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	313381	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	271324	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	114295	30.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.60%
60) 4-Bromofluorobenzene	12.40	95	119482	29.38	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.93%
63) Toluene-d8	10.09	98	388922	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	71689	20.722	ug/l 97
3) Chloromethane	2.06	50	89418	21.181	ug/l 98
4) Vinyl Chloride	2.19	62	84221	20.693	ug/l 97
5) Bromomethane	2.56	94	51799	20.728	ug/l 99
6) Chloroethane	2.70	64	47461	21.022	ug/l 99
7) Trichlorofluoromethane	3.01	101	103556	20.893	ug/l 99
8) Diethyl Ether	3.41	74	37465	20.286	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	62829	20.184	ug/l 98
10) 1,1-Dichloroethene	3.73	96	65698	21.268	ug/l 97
11) Methyl Iodide	3.94	142	89557	19.597	ug/l 98
12) Methyl Acetate	4.33	43	68161	18.030	ug/l 97
13) Acrolein	3.61	56	38866	90.839	ug/l 97
14) Acrylonitrile	4.99	53	144243	98.934	ug/l 98
15) Acetone	3.82	58	37807	100.301	ug/l 97
16) Carbon Disulfide	4.04	76	164597	19.761	ug/l 98
17) Allyl chloride	4.32	41	100383	19.420	ug/l 99
18) Methylene Chloride	4.55	84	76154	21.181	ug/l 97
19) trans-1,2-Dichloroethene	5.03	96	67543	20.661	ug/l 97
20) Diisopropyl ether	5.95	45	218348	20.805	ug/l 98
21) 1,1-Dichloroethane	5.85	63	125877	20.638	ug/l 98
22) cis-1,2-Dichloroethene	6.83	96	76703	20.244	ug/l 98
23) tert-Butyl Alcohol	4.81	59	49398	101.527	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	188022	20.132	ug/l 100
25) Chloroform	7.37	83	123623	20.777	ug/l 97
26) Cyclohexane	7.65	56	113609	20.277	ug/l # 100
29) 1,1-Dichloropropene	7.79	75	91161	20.499	ug/l 98
30) 2-Butanone	6.84	43	173757	97.250	ug/l 99
31) 2,2-Dichloropropane	6.82	77	70890	17.177	ug/l 97
32) 1,1,1-Trichloroethane	7.57	97	100804	20.630	ug/l 99
33) Carbon Tetrachloride	7.77	117	87038	20.408	ug/l 98
34) Benzene	8.04	78	288638	20.599	ug/l 98
35) Methacrylonitrile	7.18	41	38116	21.362	ug/l 97
36) 1,2-Dichloroethane	8.12	62	88453	20.305	ug/l 98
37) Trichloroethene	8.83	130	76446	20.349	ug/l 95
38) Methylcyclohexane	9.08	83	110112	19.464	ug/l 98
39) 1,2-Dichloropropane	9.12	63	76311	20.402	ug/l 100
40) Dibromomethane	9.21	93	47197	20.570	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 03:39:51 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	88710	20.120	ug/l	99
42) Vinyl Acetate	5.90	43	793959	99.784	ug/l	100
43) Ethyl Acetate	6.93	43	72959	19.919	ug/l	98
44) Isopropyl Acetate	8.17	43	121682	19.930	ug/l #	86
45) 1,4-Dioxane	9.20	88	23429	403.089	ug/l	96
46) Methyl methacrylate	9.20	41	59199	19.436	ug/l	98
47) n-amyl Acetate	12.07	43	93227	19.075	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	86207	18.789	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	101569	18.997	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	69426	21.074	ug/l	98
51) Ethyl methacrylate	10.43	69	94343	19.799	ug/l	98
52) 1,3-Dichloropropane	10.71	76	113972	20.499	ug/l	99
53) Dibromochloromethane	10.90	129	67602	19.742	ug/l	100
54) 1,2-Dibromoethane	11.00	107	67799	20.173	ug/l	100
55) 2-Chloroethyl vinyl ether	9.69	63	190012	92.074	ug/l	100
56) Bromoform	12.12	173	45401	19.162	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	366778	100.734	ug/l	99
59) 2-Hexanone	10.75	43	248032	99.969	ug/l	100
61) Tetrachloroethene	10.63	164	80913	21.278	ug/l	98
62) Toluene	10.15	91	306591	20.777	ug/l	99
64) Chlorobenzene	11.43	112	183509	20.645	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	68502	20.347	ug/l	98
66) Ethyl Benzene	11.51	91	320409	20.605	ug/l	100
67) m/p-Xylenes	11.62	106	238130	41.067	ug/l	99
68) o-Xylene	11.94	106	116848	20.496	ug/l	100
69) Styrene	11.96	104	185818	20.113	ug/l	99
70) Isopropylbenzene	12.25	105	309287	20.604	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	86874	20.662	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	100269	27.105	ug/l	67
73) Bromobenzene	12.52	156	76857	19.841	ug/l	100
74) n-propylbenzene	12.59	91	328761	20.030	ug/l	99
75) 2-Chlorotoluene	12.67	91	204105	20.511	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	259510	20.535	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	19161	16.497	ug/l	98
78) 4-Chlorotoluene	12.77	91	186141	19.678	ug/l	99
79) tert-butylbenzene	12.99	119	223236	20.471	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	252418	20.489	ug/l	99
81) sec-Butylbenzene	13.17	105	284271	19.967	ug/l	100
82) p-Isopropyltoluene	13.29	119	253482	19.824	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	120399	19.741	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	109900	19.058	ug/l	99
85) n-Butylbenzene	13.61	91	183449	18.271	ug/l	97
86) Hexachloroethane	13.87	117	43067	20.126	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	121065	19.985	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	12079	18.570	ug/l	96
89) 1,2,4-Trichlorobenzene	14.90	180	45287	18.871	ug/l	96
90) Hexachlorobutadiene	15.01	225	44191	19.846	ug/l	98
91) Naphthalene	15.13	128	113590	18.284	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	53727	16.776	ug/l	98

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ClientSampleId :
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 24 03:39:51 2019
Response via : Initial Calibration

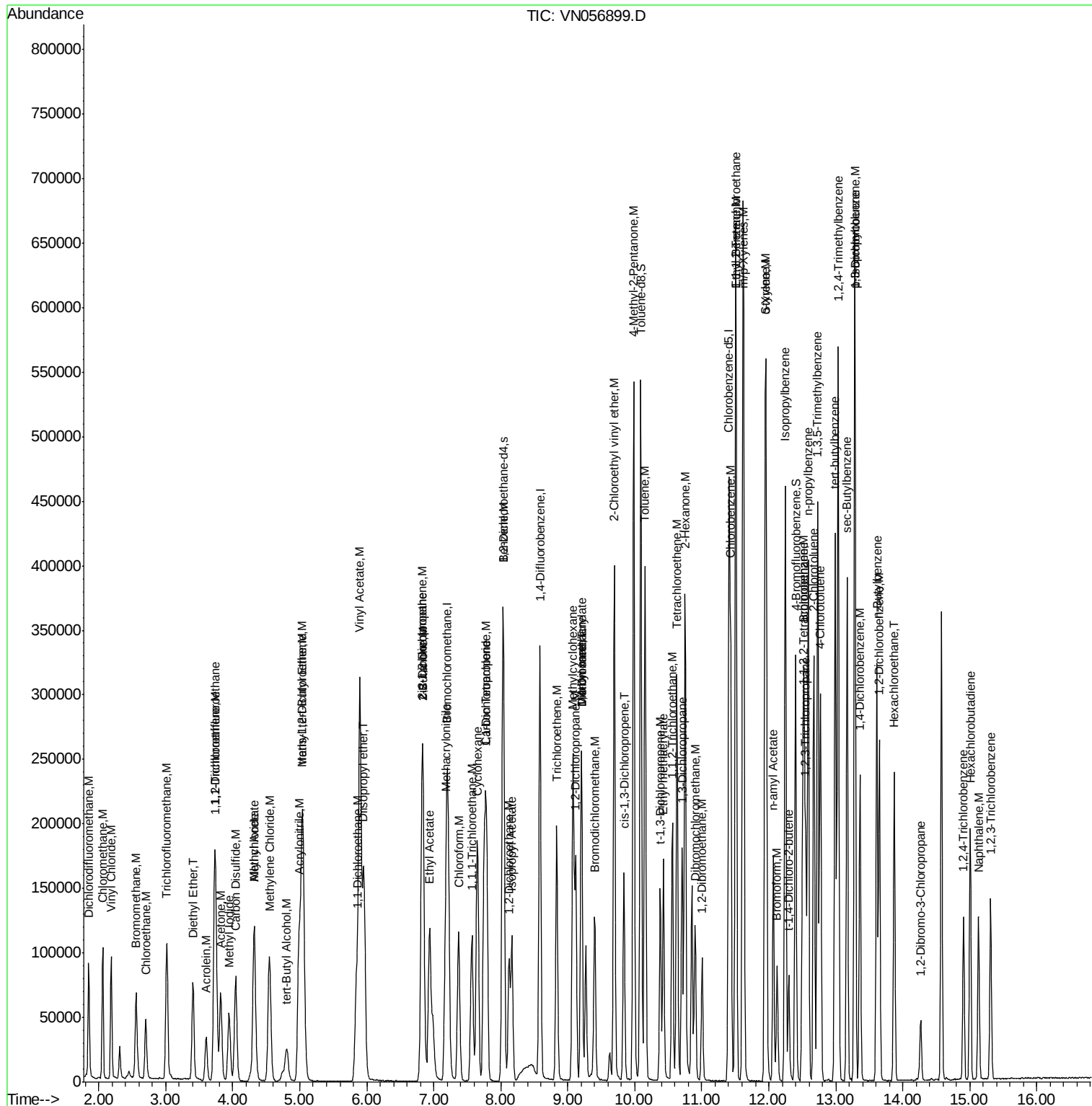
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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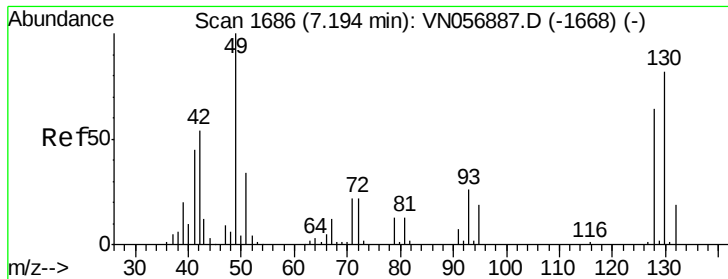
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
Data File : VN056899.D
Acq On : 24 Jul 2019 1:30
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Sample : VN0724WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VN0724WBSD01

Quant Time: Jul 24 03:51:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 24 03:39:51 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: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

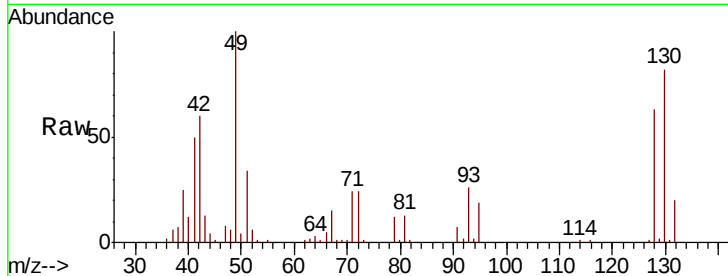
Tot Ion:128 Resp: 57862

Ion Ratio Lower Upper

128 100

49 157.5 0.0 385.8

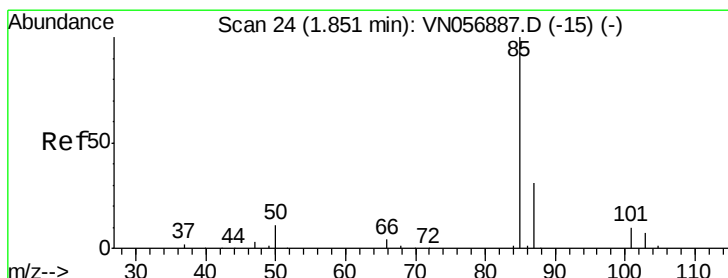
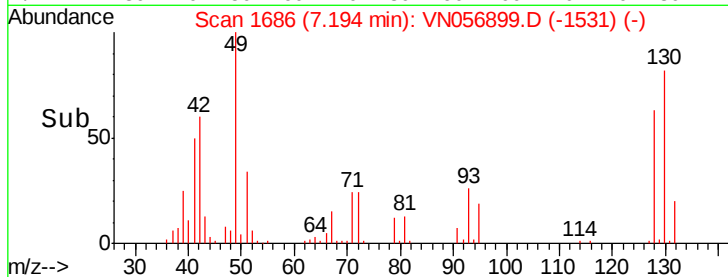
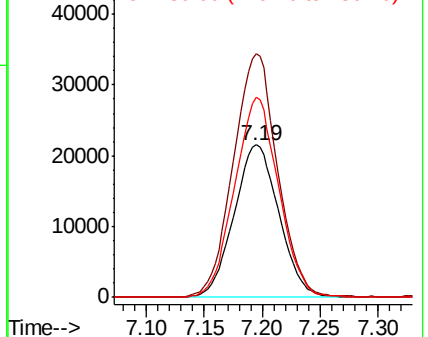
130 128.8 0.0 322.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.722 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056899.D

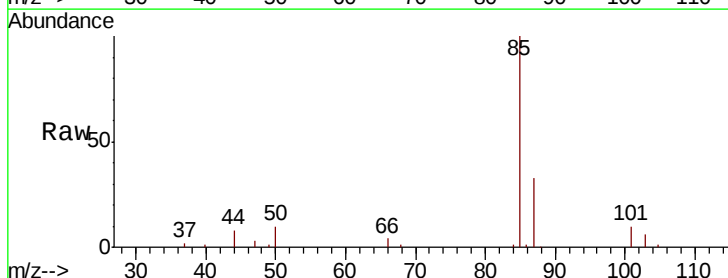
Acq: 24 Jul 2019 1:30

Tgt Ion: 85 Resp: 71689

Ion Ratio Lower Upper

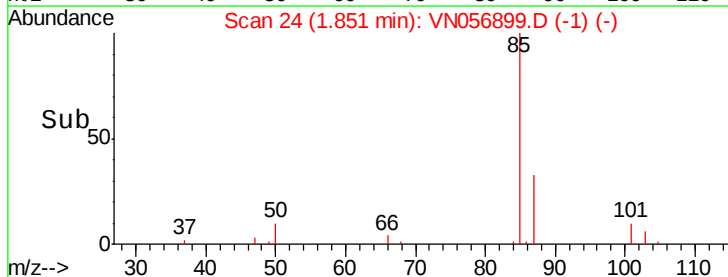
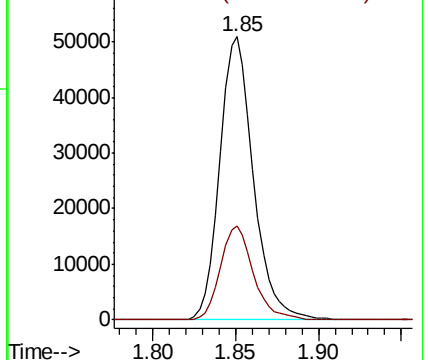
85 100

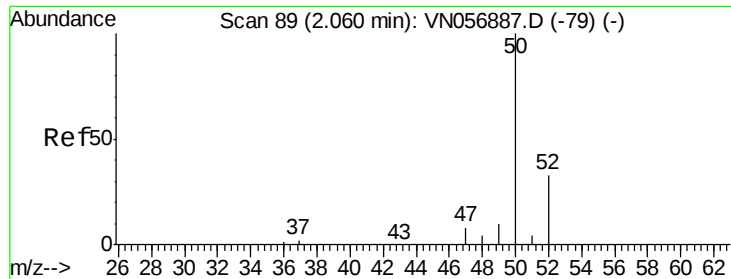
87 33.0 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

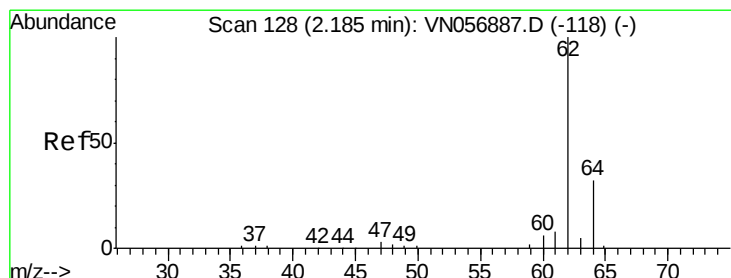
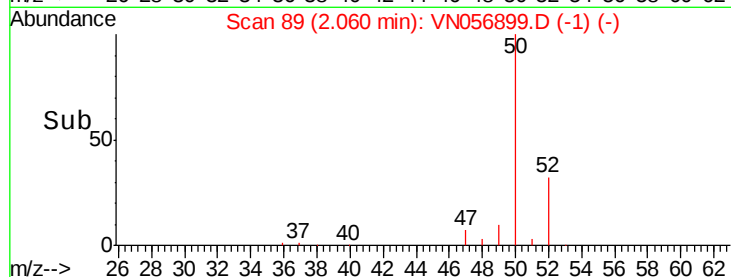
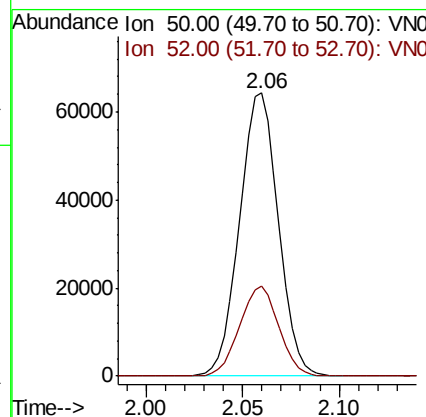
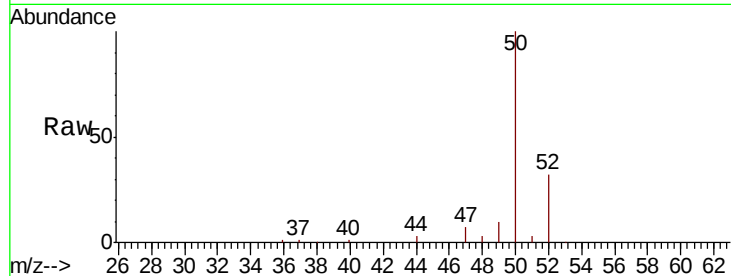




#3
Chloromethane
Concen: 21.181 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

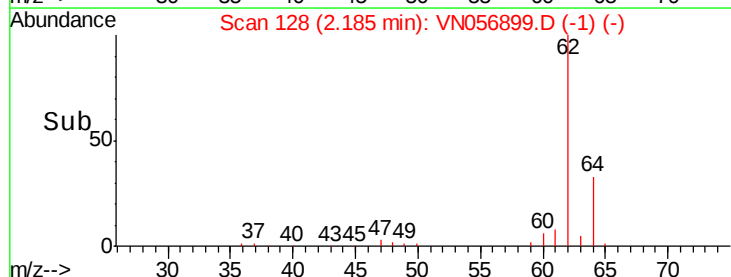
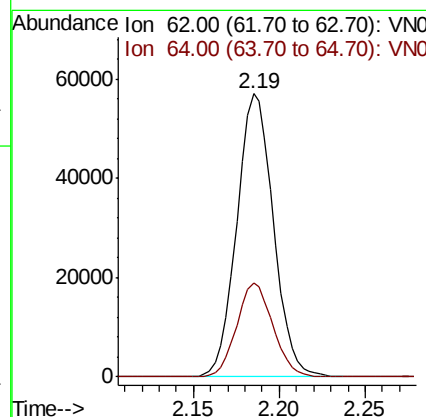
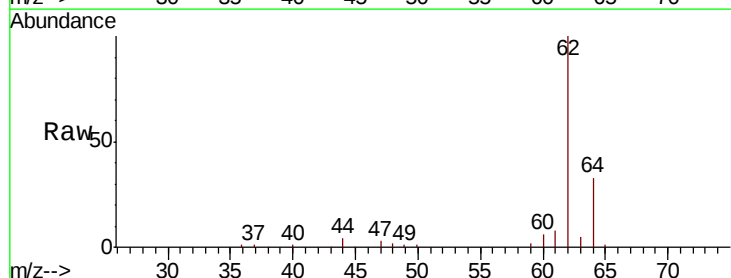
Instrument :
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ClientSampleId :
VN0724WBSD01

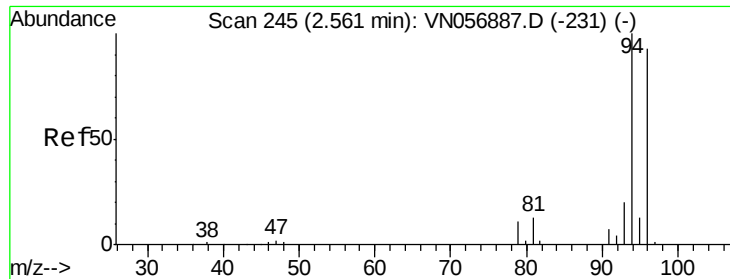
Tot Ion: 50 Resp: 89418
Ion Ratio Lower Upper
50 100
52 31.6 26.2 39.2



#4
Vinyl Chloride
Concen: 20.693 ug/l
RT: 2.19 min Scan# 128
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 62 Resp: 84221
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

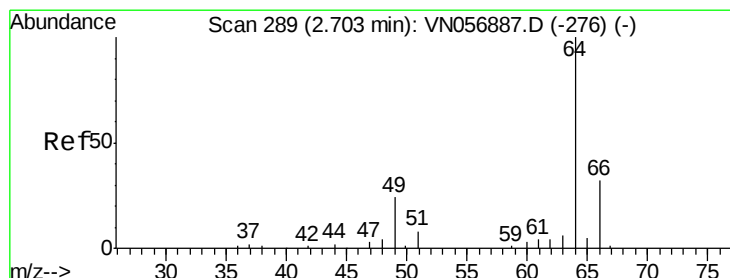
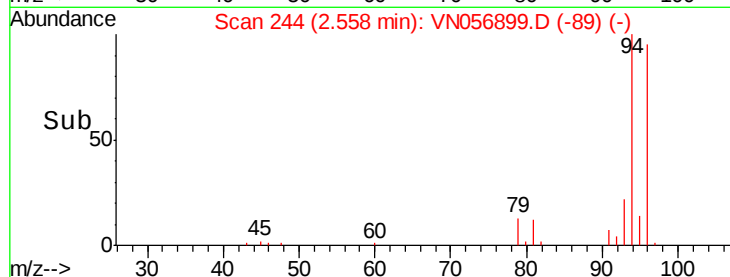
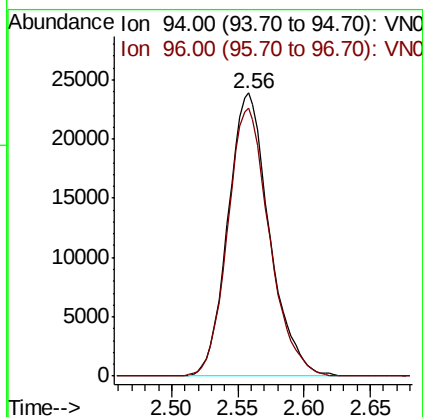
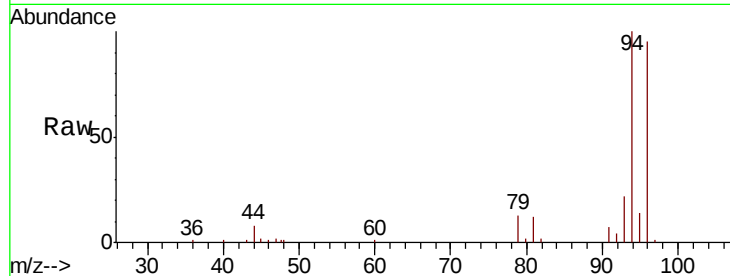




#5
Bromomethane
Concen: 20.728 ug/l
RT: 2.56 min Scan# 244
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

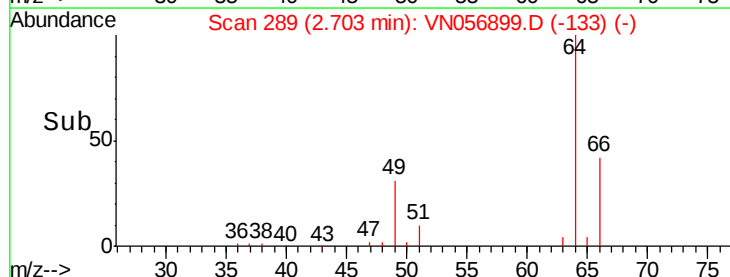
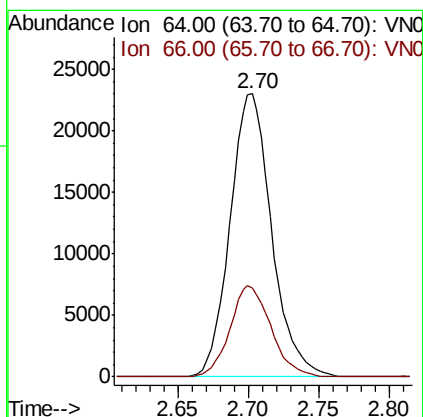
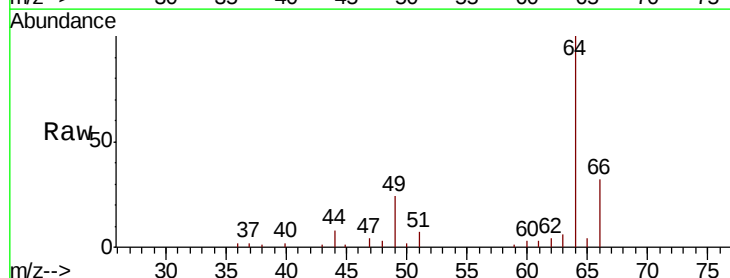
Instrument :
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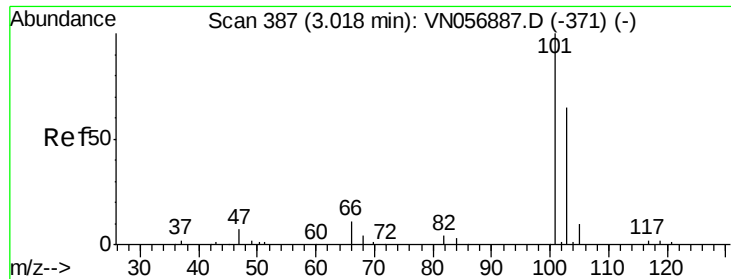
Tot Ion: 94 Resp: 51799
Ion Ratio Lower Upper
94 100
96 94.6 74.7 112.1



#6
Chloroethane
Concen: 21.022 ug/l
RT: 2.70 min Scan# 289
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 64 Resp: 47461
Ion Ratio Lower Upper
64 100
66 31.6 25.8 38.8



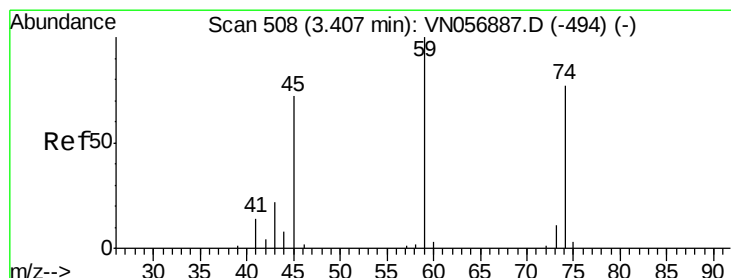
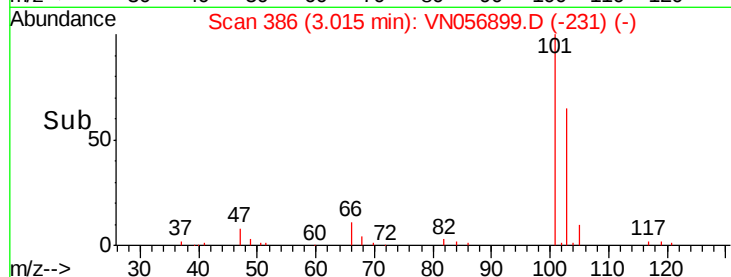
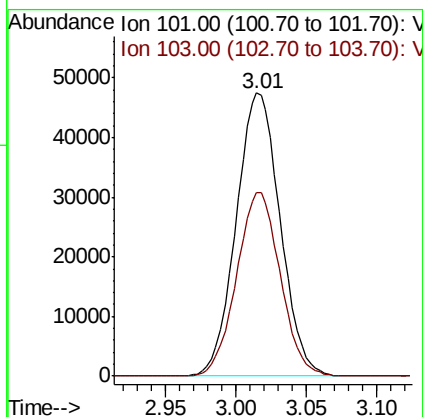
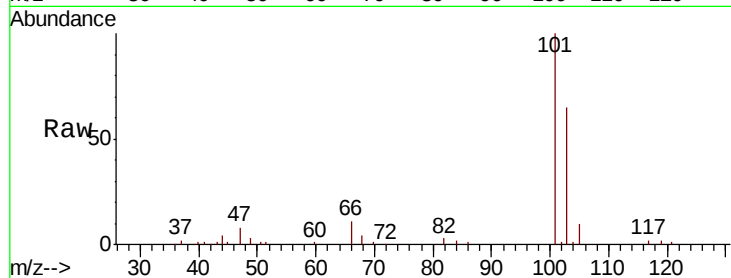


#7

Trichlorofluoromethane
 Concen: 20.893 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Instrument :
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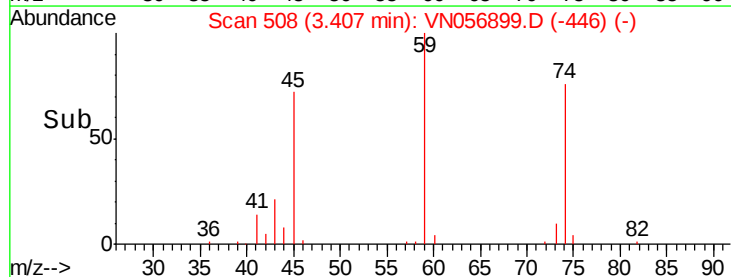
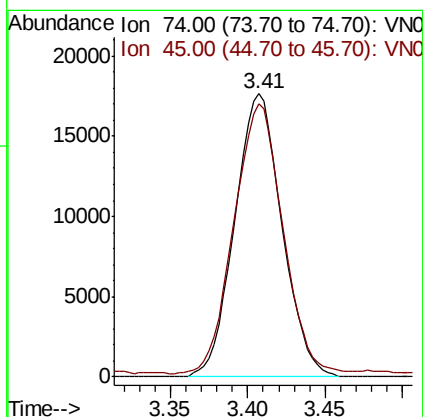
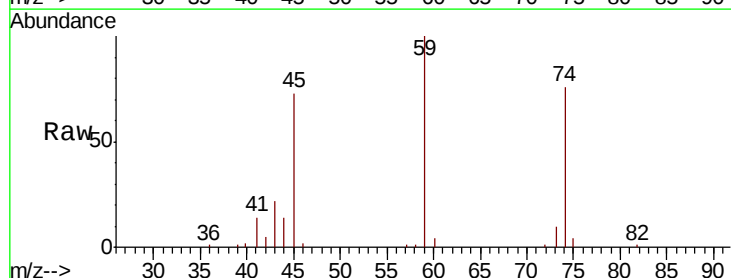
Tot Ion:101 Resp: 103556
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.4

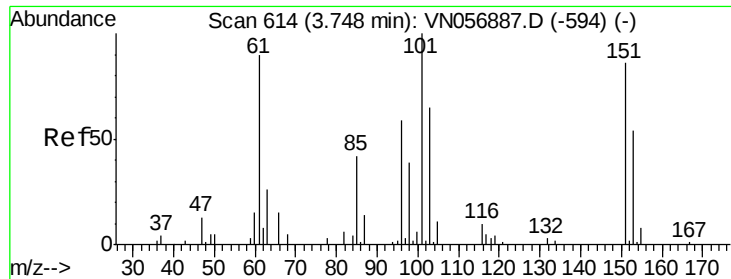


#8

Diethyl Ether
 Concen: 20.286 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Tgt Ion: 74 Resp: 37465
 Ion Ratio Lower Upper
 74 100
 45 98.4 19.5 175.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.184 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

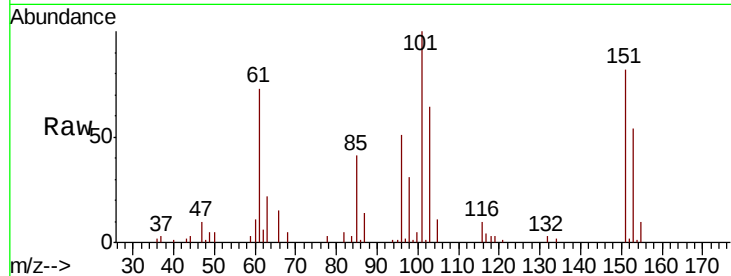
Tot Ion:101 Resp: 62829

Ion Ratio Lower Upper

101 100

85 41.7 0.0 85.0

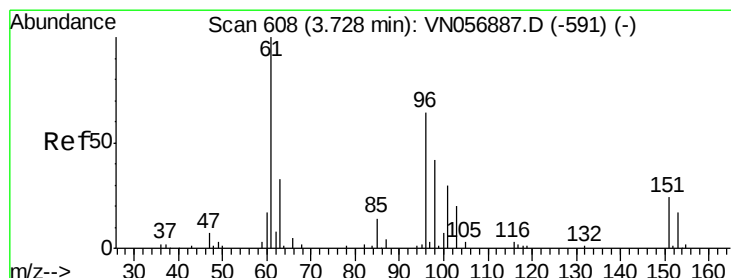
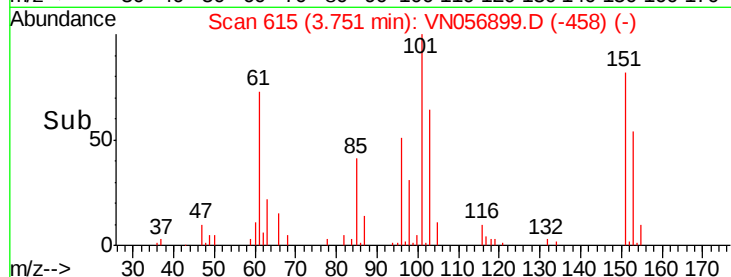
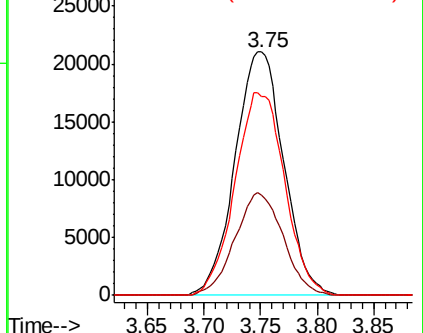
151 85.1 0.0 167.2



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: 21.268 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

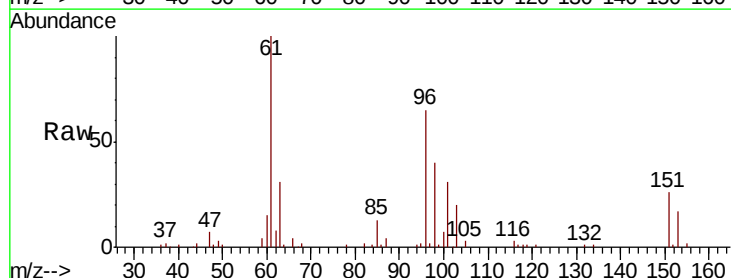
Tgt Ion: 96 Resp: 65698

Ion Ratio Lower Upper

96 100

61 154.1 125.8 188.8

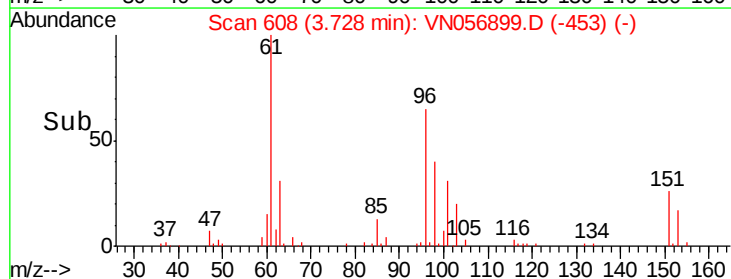
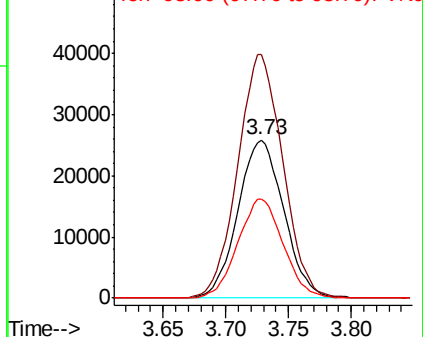
98 62.4 52.7 79.1

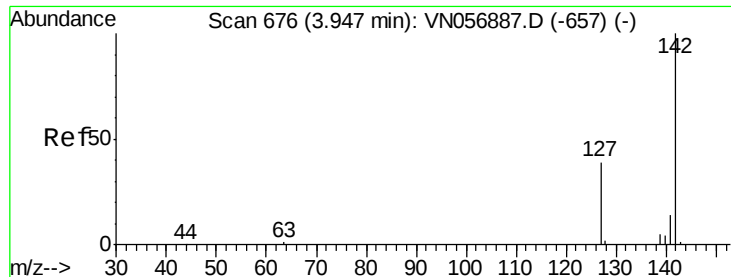


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

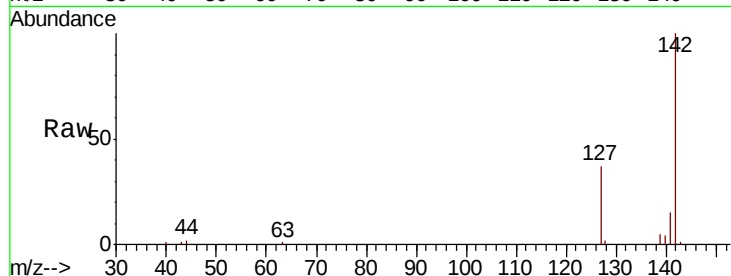




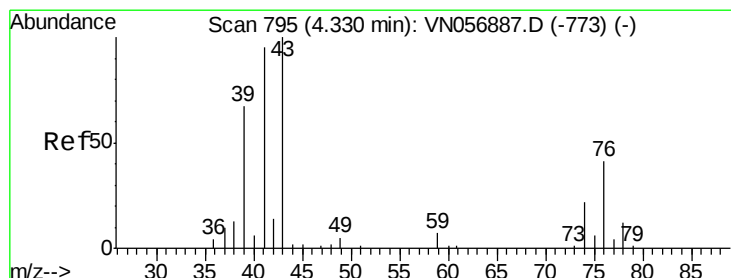
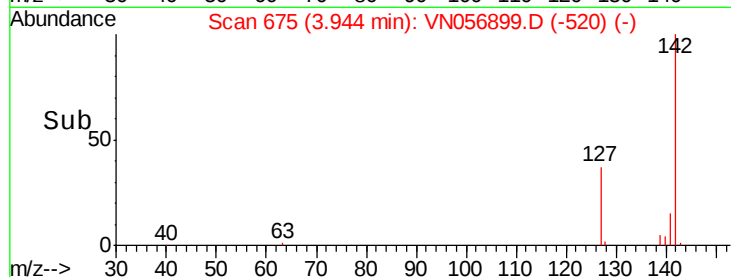
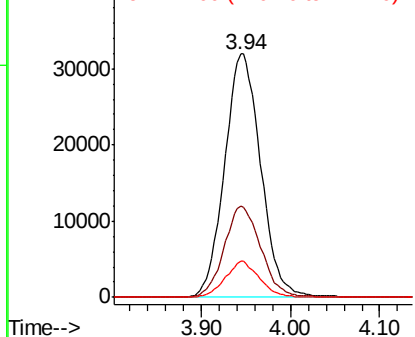
#11
Methyl Iodide
Concen: 19.597 ug/l
RT: 3.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

Tot Ion:142 Resp: 89557
Ion Ratio Lower Upper
142 100
127 37.4 19.6 58.8
141 14.8 7.2 21.6

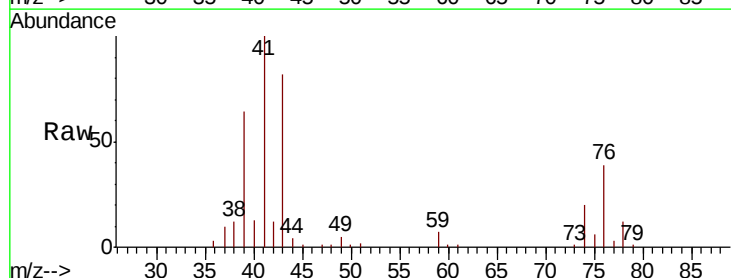


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

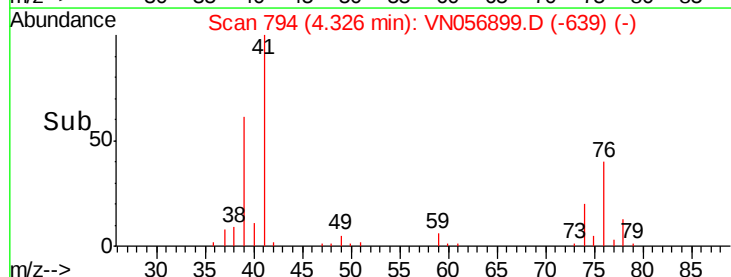
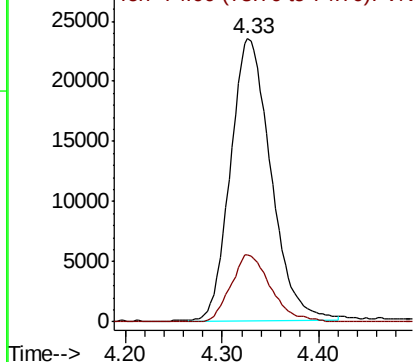


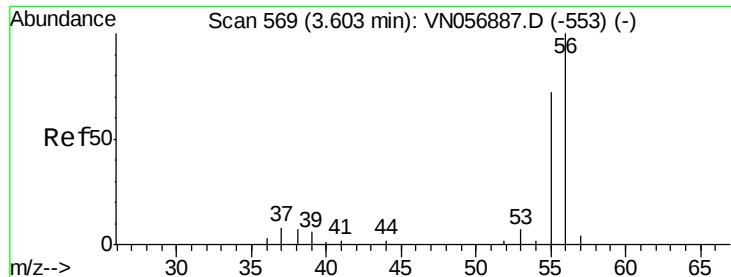
#12
Methyl Acetate
Concen: 18.030 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 43 Resp: 68161
Ion Ratio Lower Upper
43 100
74 24.0 18.1 27.1



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





#13

Acrolein

Concen: 90.839 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

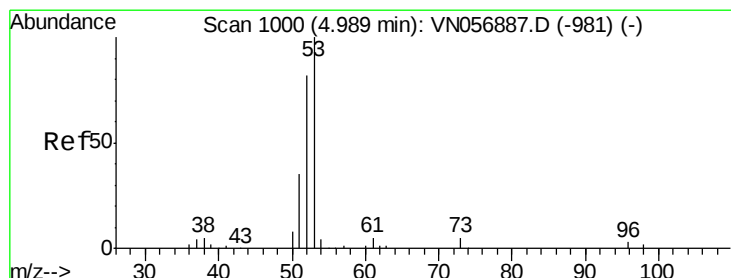
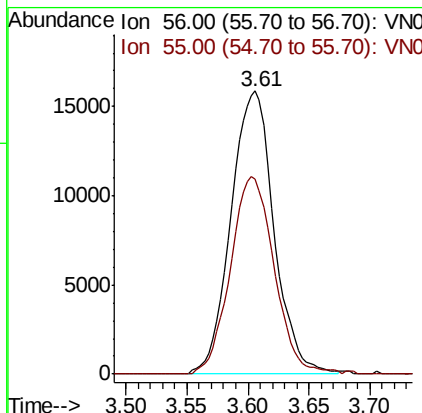
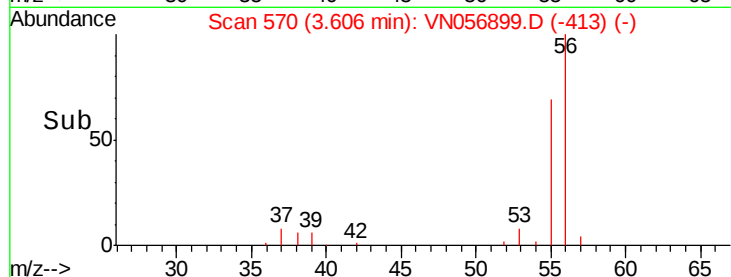
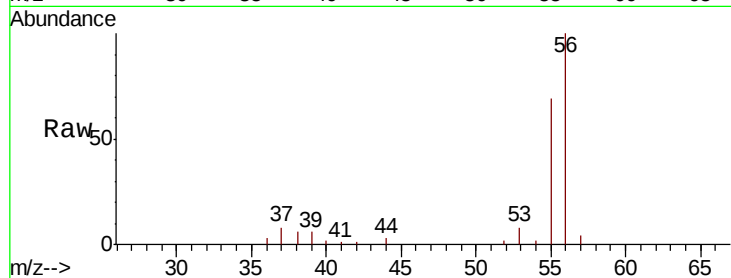
VN0724WBSD01

Tot Ion: 56 Resp: 38866

Ion Ratio Lower Upper

56 100

55 70.9 58.5 87.7



#14

Acrylonitrile

Concen: 98.934 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

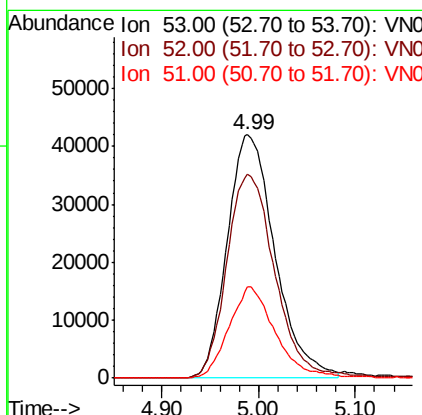
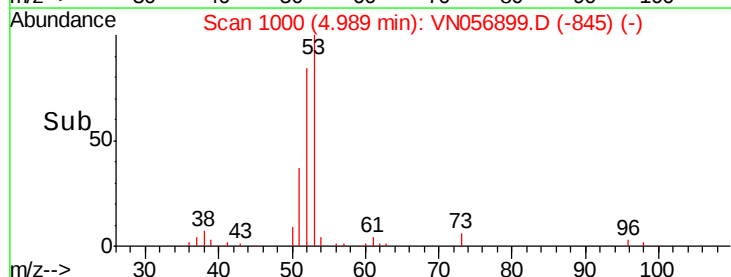
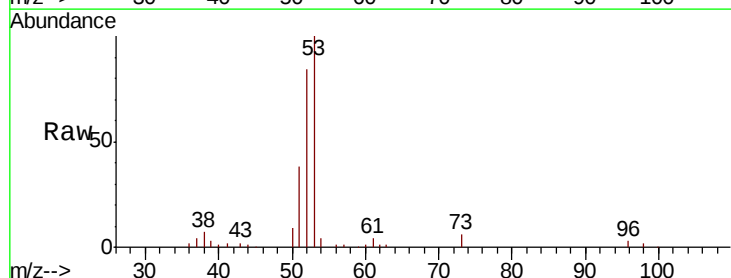
Tgt Ion: 53 Resp: 144243

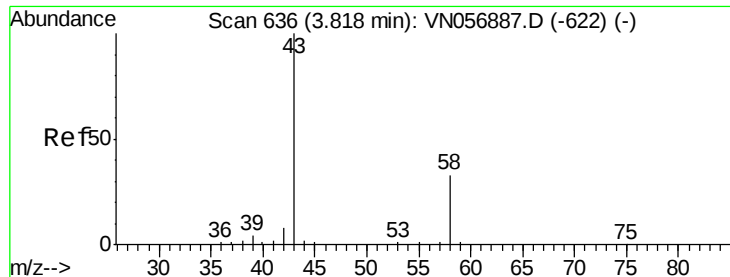
Ion Ratio Lower Upper

53 100

52 84.1 40.8 122.5

51 35.2 17.4 52.2





#15

Acetone

Concen: 100.301 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

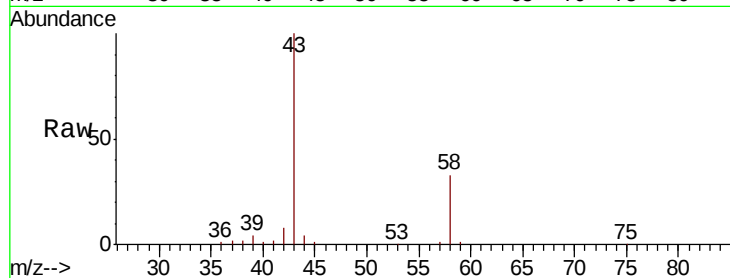
VN0724WBSD01

Tot Ion: 58 Resp: 37807

Ion Ratio Lower Upper

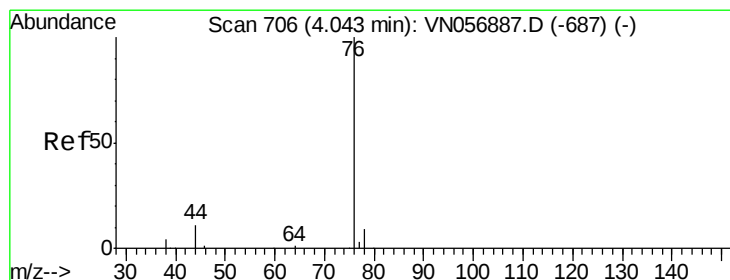
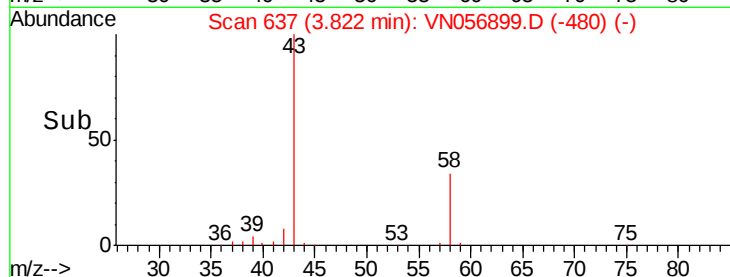
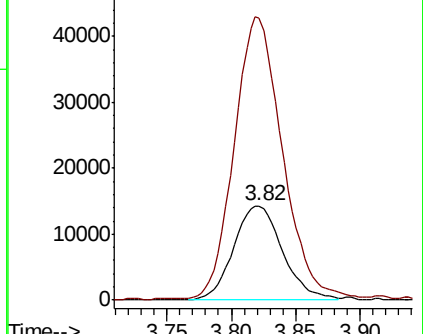
58 100

43 296.8 242.4 363.6



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.761 ug/l

RT: 4.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN056899.D

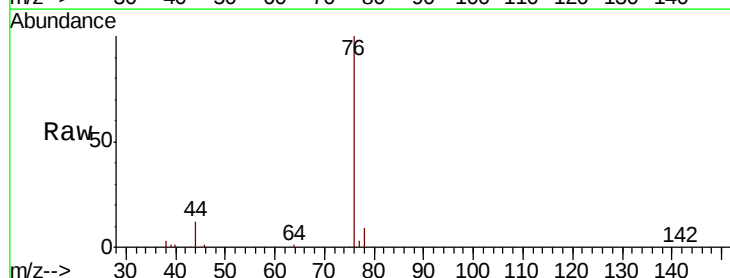
Acq: 24 Jul 2019 1:30

Tgt Ion: 76 Resp: 164597

Ion Ratio Lower Upper

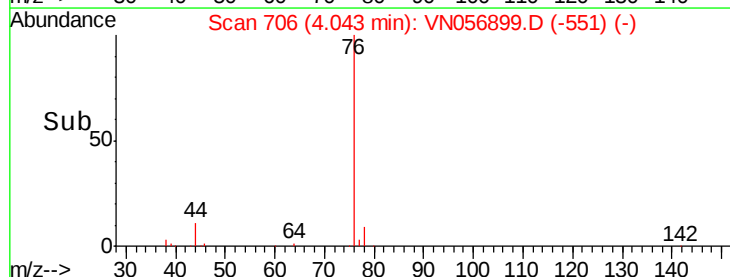
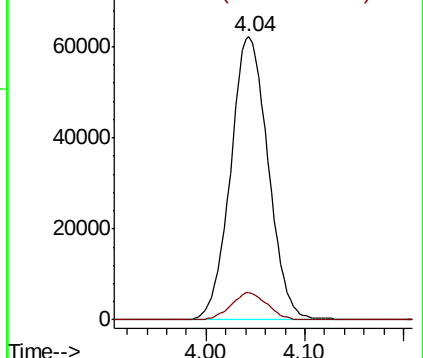
76 100

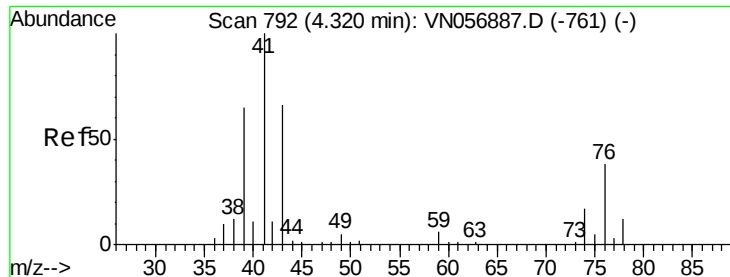
78 9.5 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

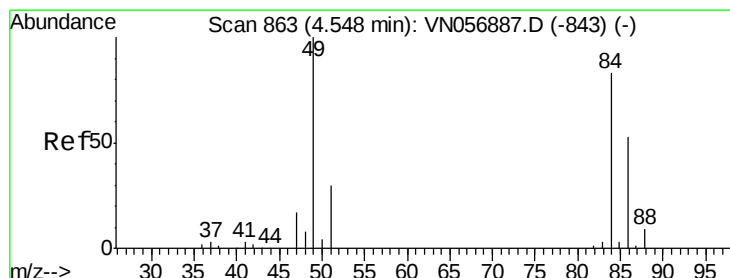
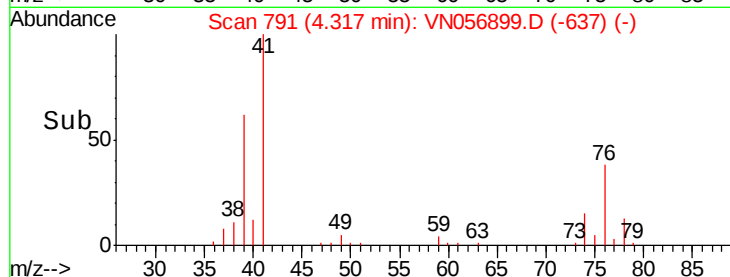
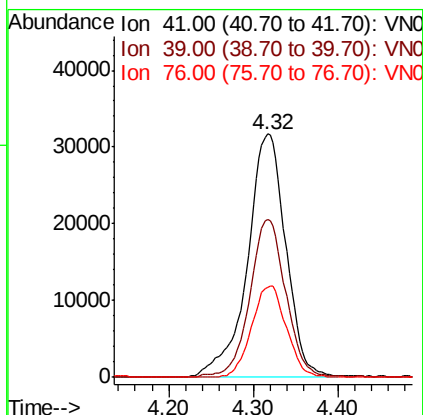
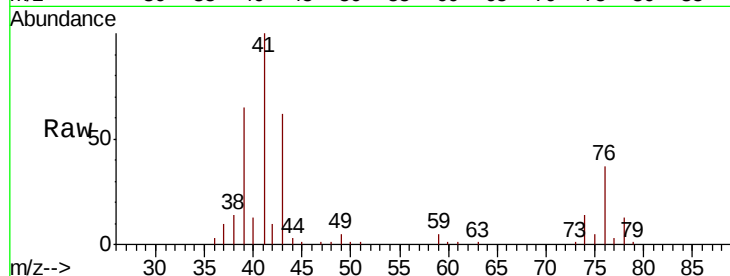




#17
Allvl chloride
Concen: 19.420 ug/l
RT: 4.32 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

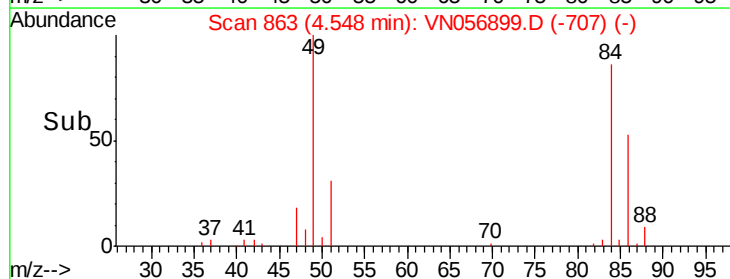
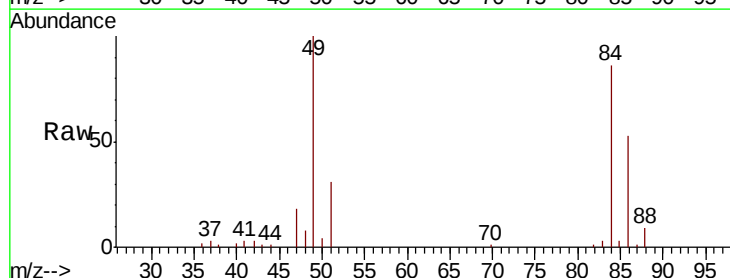
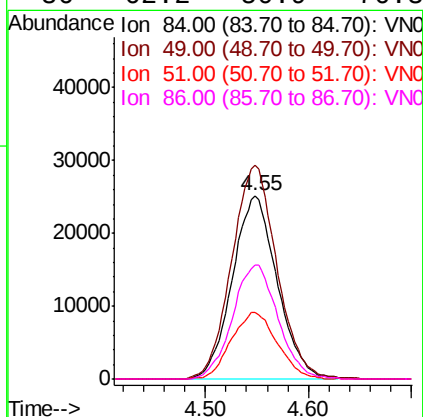
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

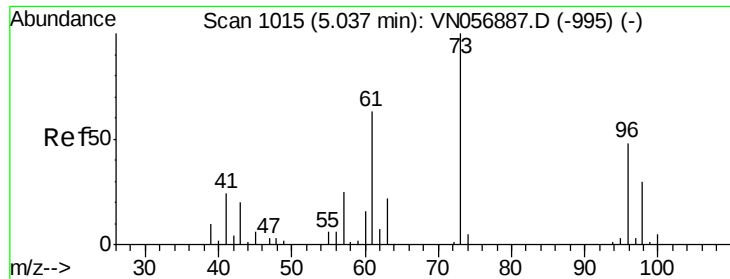
Tot Ion: 41 Resp: 100383
Ion Ratio Lower Upper
41 100
39 65.1 32.4 97.0
76 37.2 19.0 57.0



#18
Methylene Chloride
Concen: 21.181 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 84 Resp: 76154
Ion Ratio Lower Upper
84 100
49 115.6 96.3 144.5
51 36.2 28.8 43.2
86 62.2 50.9 76.3

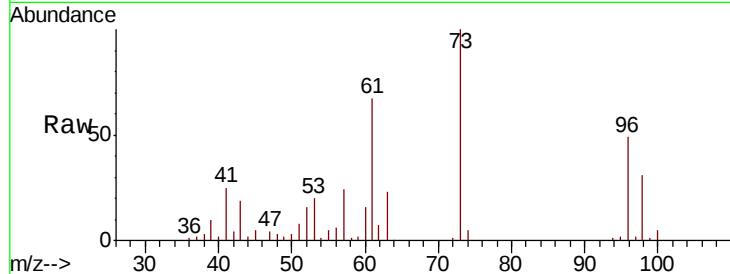




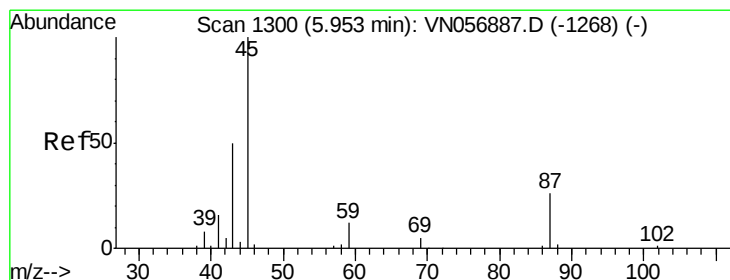
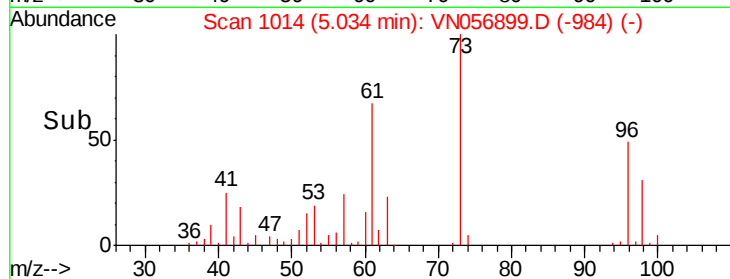
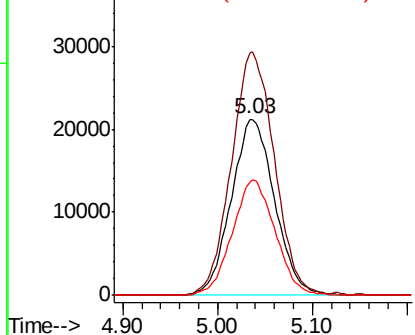
#19
trans-1,2-Dichloroethene
Concen: 20.661 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

Tot Ion: 96 Resp: 67543
Ion Ratio Lower Upper
96 100
61 136.8 105.4 158.0
98 63.8 50.8 76.2

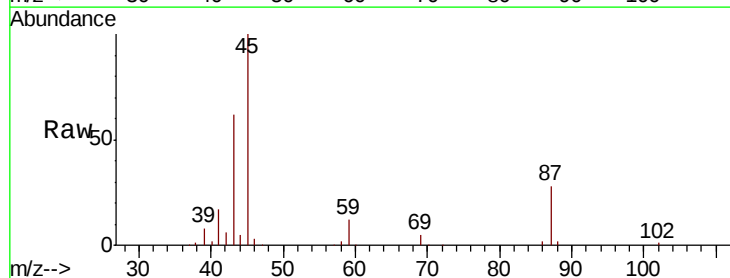


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

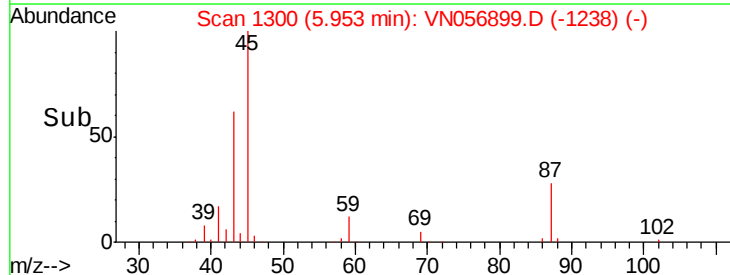
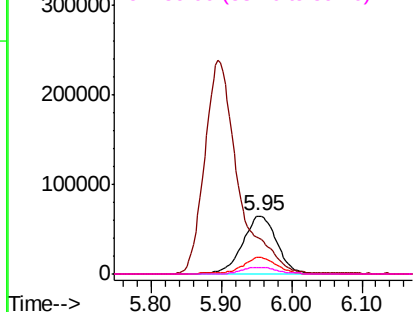


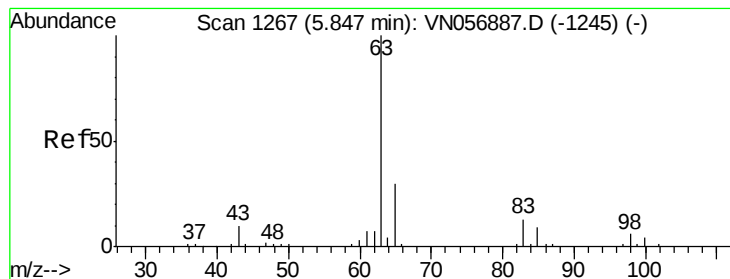
#20
Diisopropyl ether
Concen: 20.805 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 45 Resp: 218348
Ion Ratio Lower Upper
45 100
43 60.7 47.4 71.0
87 28.5 21.7 32.5
59 11.8 9.3 13.9



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





#21

1,1-Dichloroethane

Concen: 20.638 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

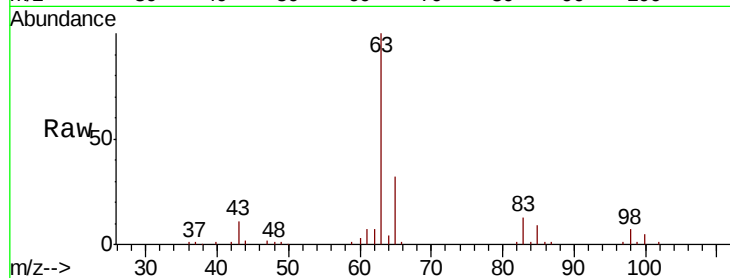
Tot Ion: 63 Resp: 125877

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

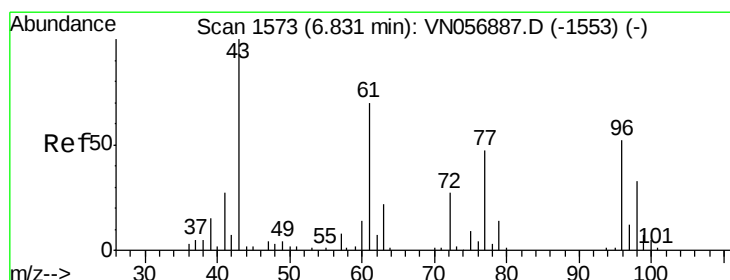
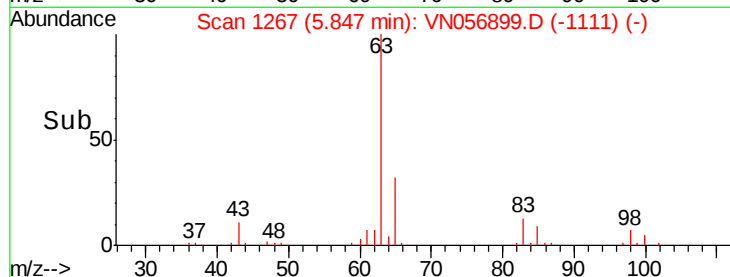
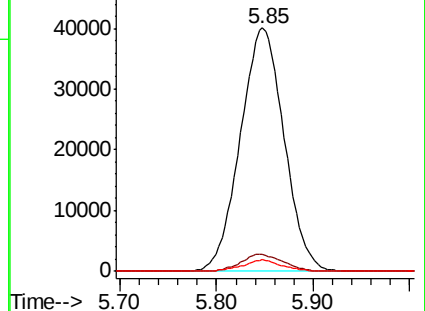
100 4.7 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VN056887.D (-1245) (-)

Ion 98.00 (97.70 to 98.70): VN056887.D (-1245) (-)

Ion 100.00 (99.70 to 100.70): VN056887.D (-1245) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.244 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

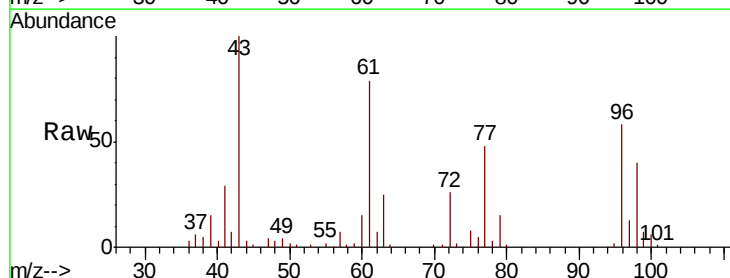
Tgt Ion: 96 Resp: 76703

Ion Ratio Lower Upper

96 100

61 137.8 111.6 167.4

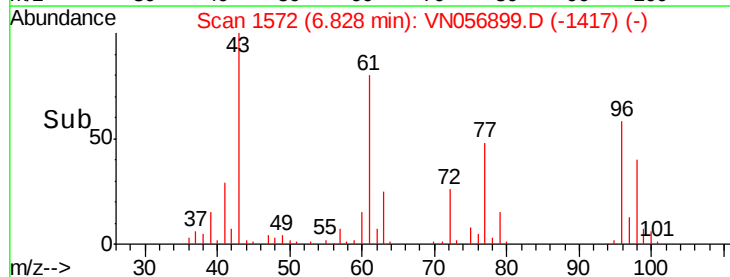
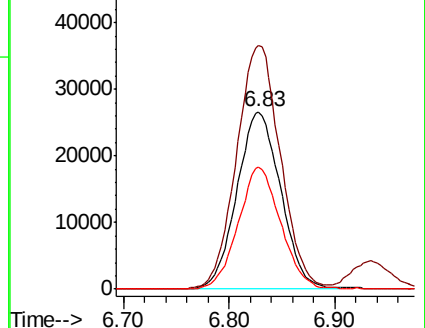
98 66.5 51.0 76.4

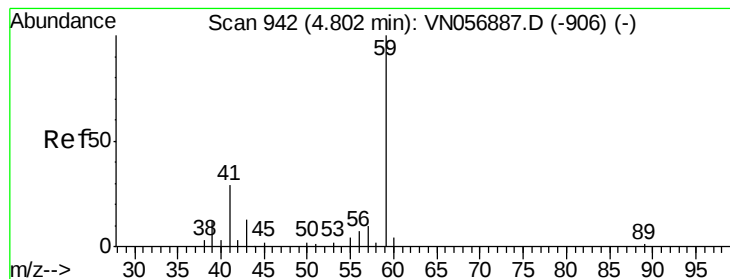


Abundance Ion 96.00 (95.70 to 96.70): VN056887.D (-1553) (-)

Ion 61.00 (60.70 to 61.70): VN056887.D (-1553) (-)

Ion 98.00 (97.70 to 98.70): VN056887.D (-1553) (-)



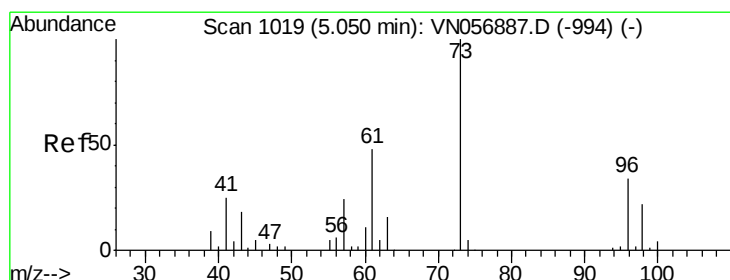
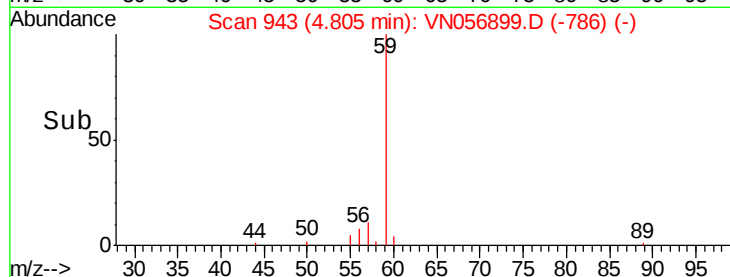
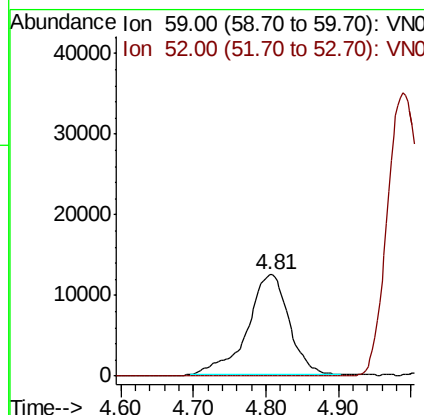
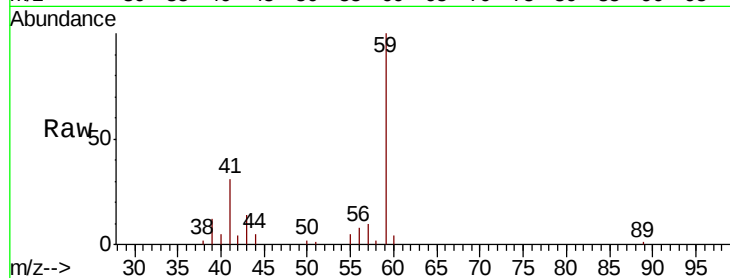


#23

tert-Butyl Alcohol
 Concen: 101.527 ug/l
 RT: 4.81 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBSD01

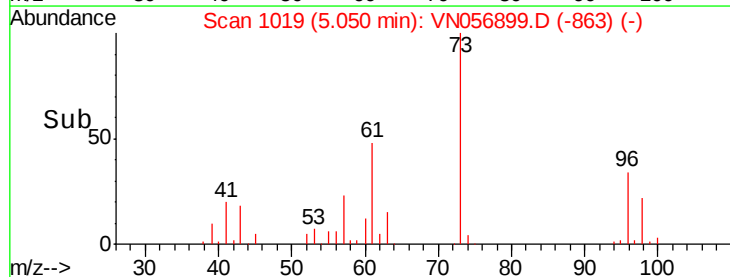
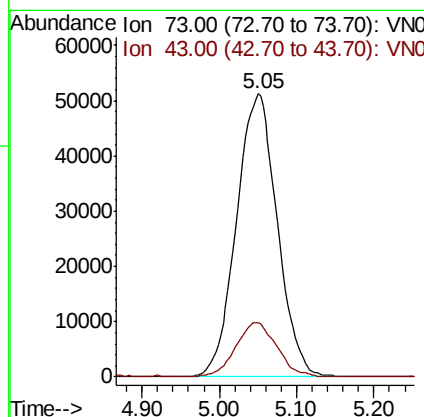
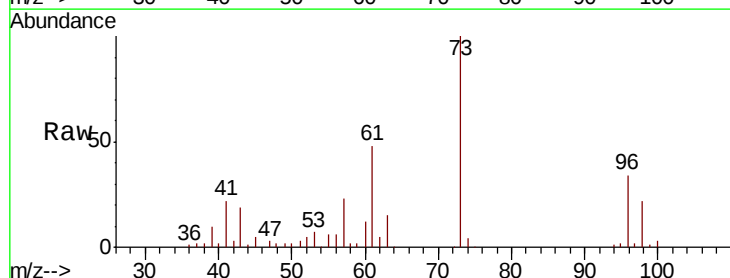
Tot Ion: 59 Resp: 49398
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

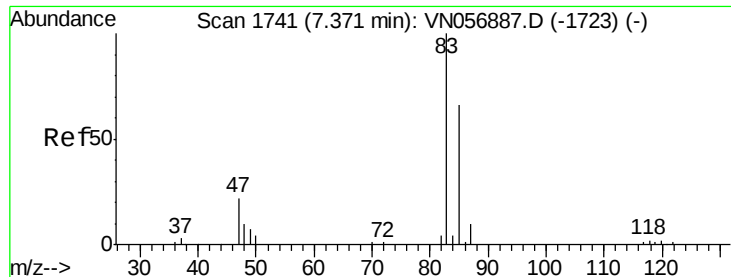


#24

Methyl tert-Butyl Ether
 Concen: 20.132 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Tgt Ion: 73 Resp: 188022
 Ion Ratio Lower Upper
 73 100
 43 19.4 15.4 23.0

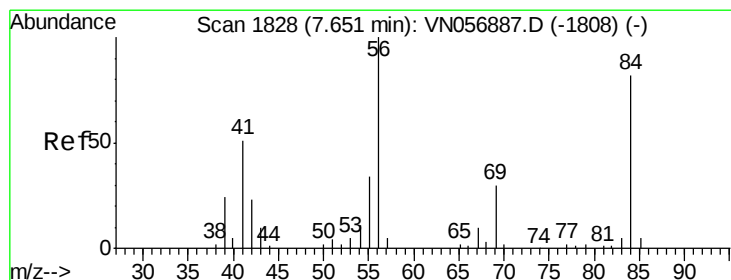
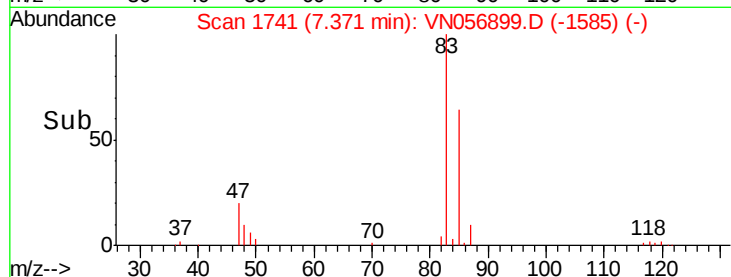
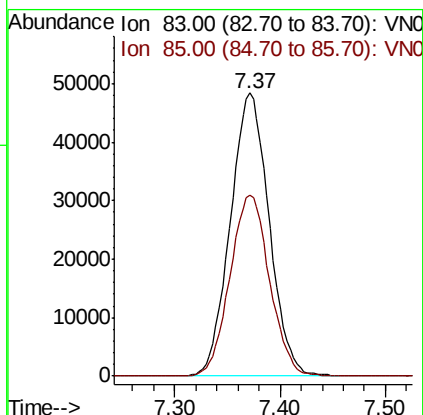
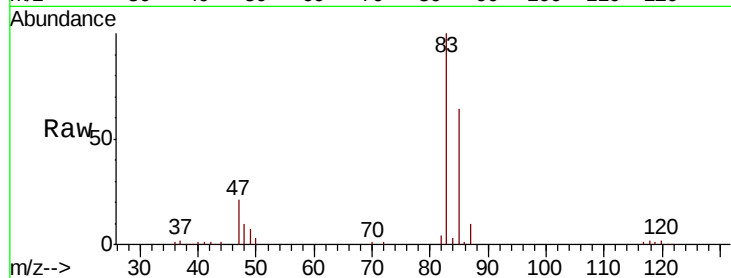




#25
Chloroform
Concen: 20.777 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

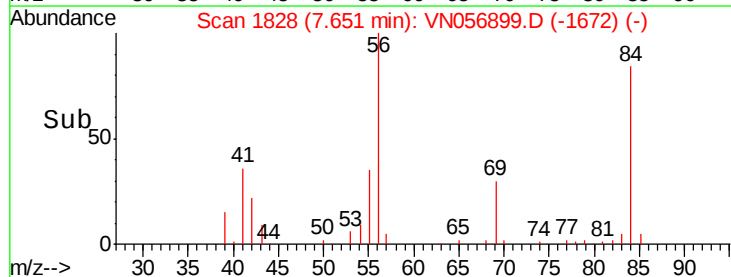
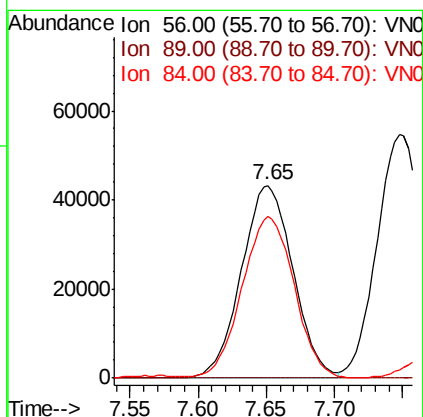
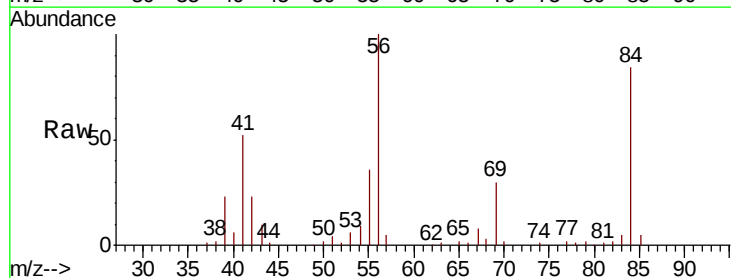
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

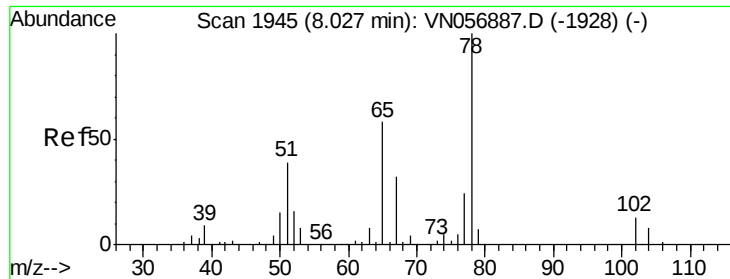
Tot Ion: 83 Resp: 123623
Ion Ratio Lower Upper
83 100
85 64.0 53.1 79.7



#26
Cyclohexane
Concen: 20.277 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 56 Resp: 113609
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.6 67.8 101.6

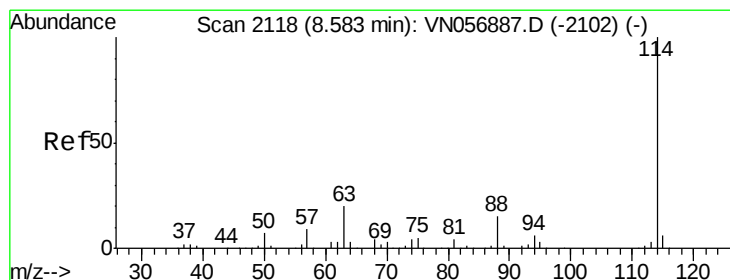
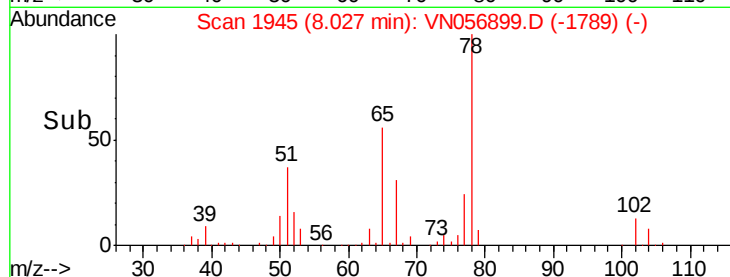
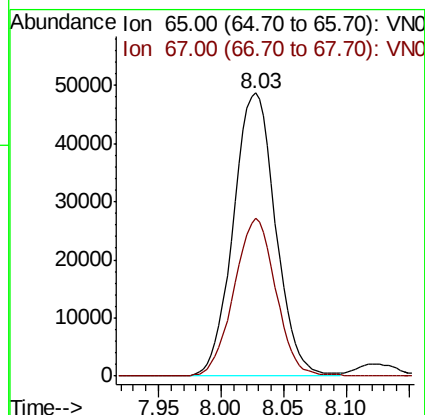
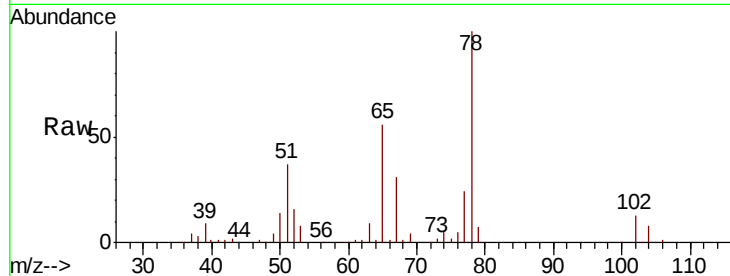




#27
 1,2-Dichloroethane-d4
 Concen: 30.183 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

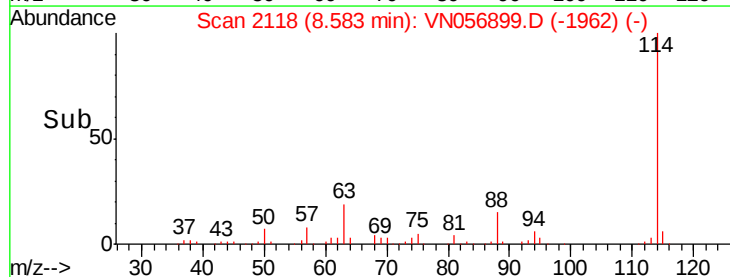
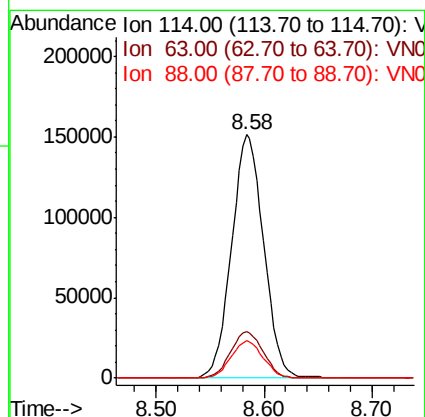
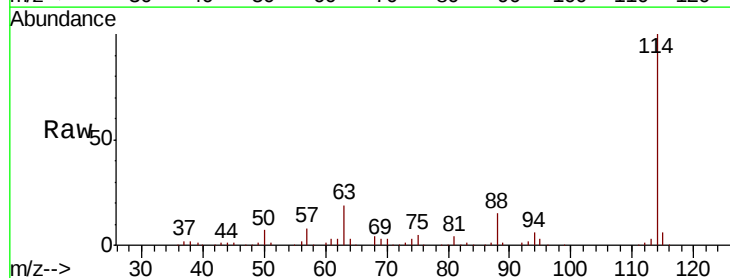
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0724WBSD01

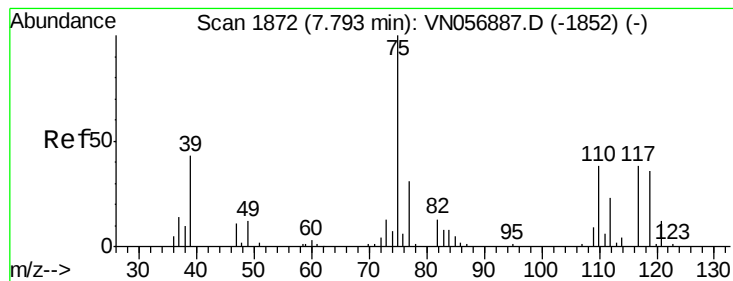
Tot Ion: 65 Resp: 114295
 Ion Ratio Lower Upper
 65 100
 67 54.9 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Tgt Ion: 114 Resp: 313381
 Ion Ratio Lower Upper
 114 100
 63 19.6 15.8 23.6
 88 15.4 12.5 18.7





#29

1,1-Dichloropropene

Concen: 20.499 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

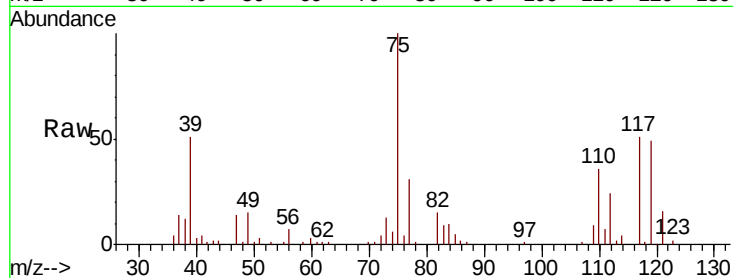
Tot Ion: 75 Resp: 91161

Ion Ratio Lower Upper

75 100

110 36.4 0.0 75.8

77 30.7 0.0 64.0

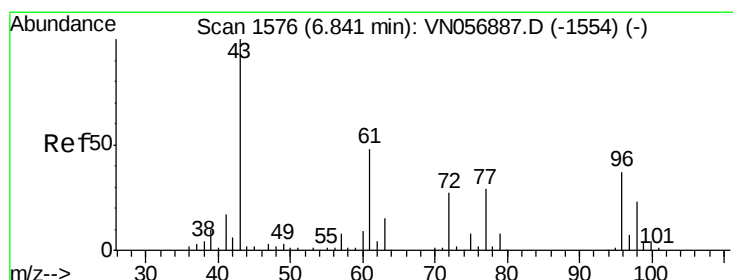
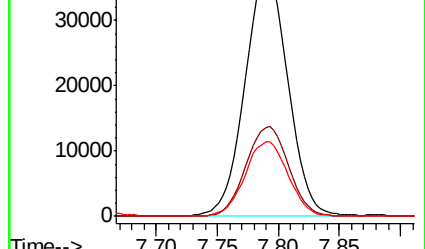
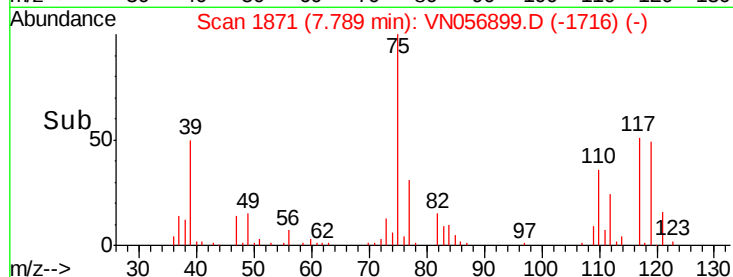


Abundance Ion 75.00 (74.70 to 75.70): VN056887.D (-1852) (-)

Ion 110.00 (109.70 to 110.70): VN056887.D (-1852) (-)

Ion 77.00 (76.70 to 77.70): VN056887.D (-1852) (-)

Time-->



#30

2-Butanone

Concen: 97.250 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

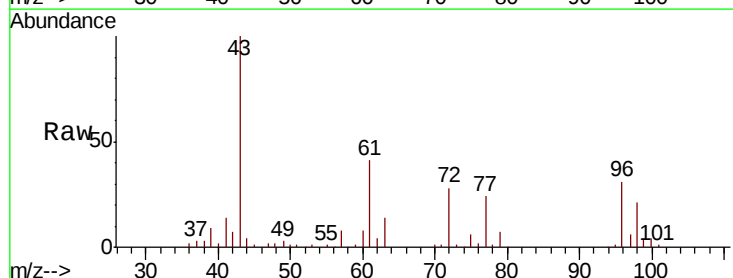
Tgt Ion: 43 Resp: 173757

Ion Ratio Lower Upper

43 100

57 8.0 6.5 9.7

72 28.3 22.1 33.1

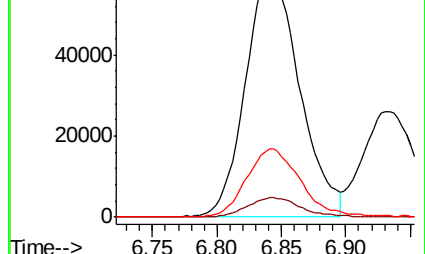
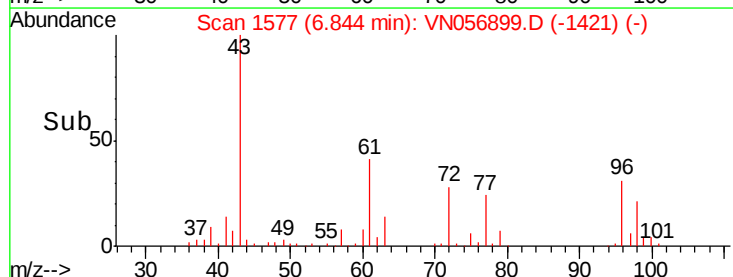


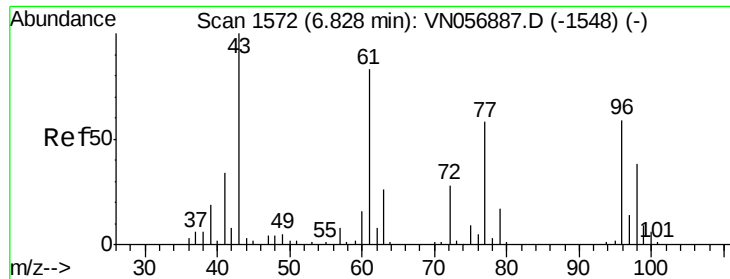
Abundance Ion 43.00 (42.70 to 43.70): VN056887.D (-1554) (-)

Ion 57.00 (56.70 to 57.70): VN056887.D (-1554) (-)

Ion 72.00 (71.70 to 72.70): VN056887.D (-1554) (-)

Time-->

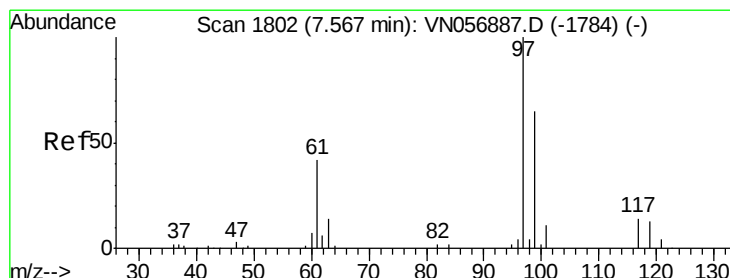
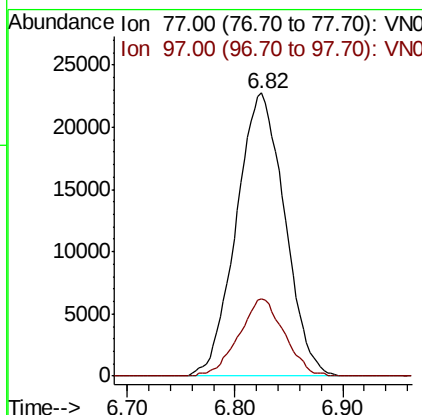
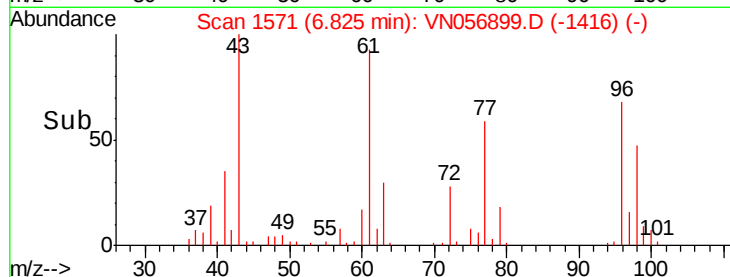
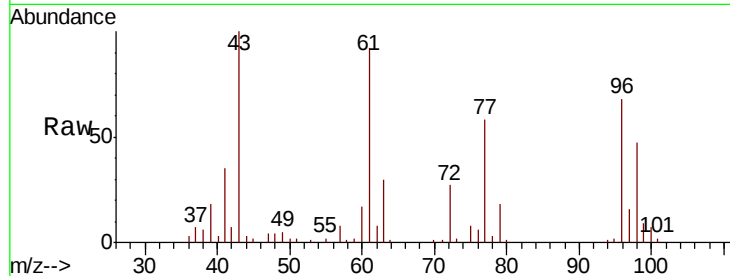




#31
 2,2-Dichloropropane
 Concen: 17.177 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

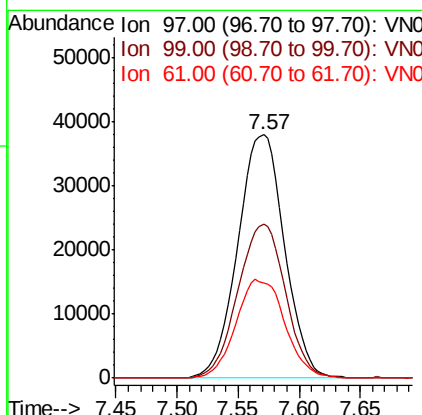
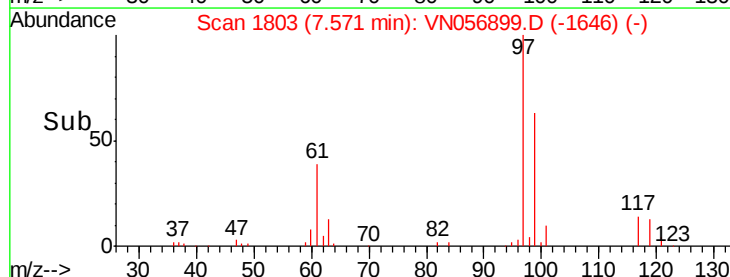
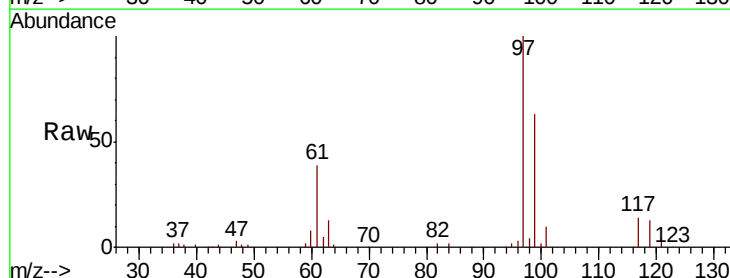
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBSD01

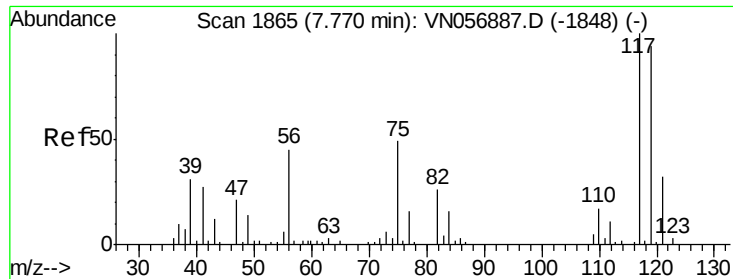
Tot Ion: 77 Resp: 70890
 Ion Ratio Lower Upper
 77 100
 97 25.6 19.3 28.9



#32
 1,1,1-Trichloroethane
 Concen: 20.630 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Tgt Ion: 97 Resp: 100804
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.3 78.5
 61 42.4 34.4 51.6

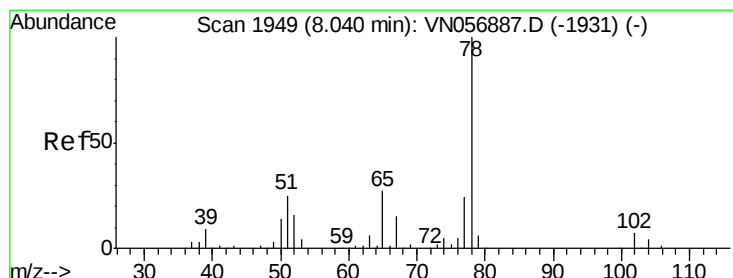
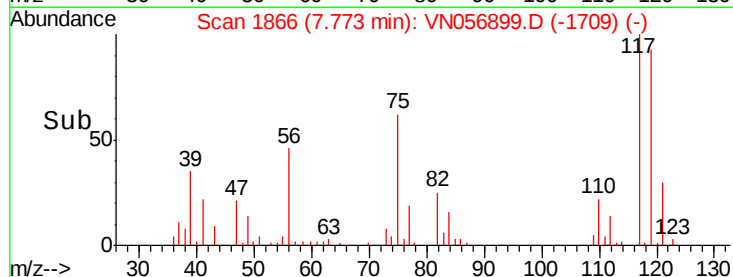
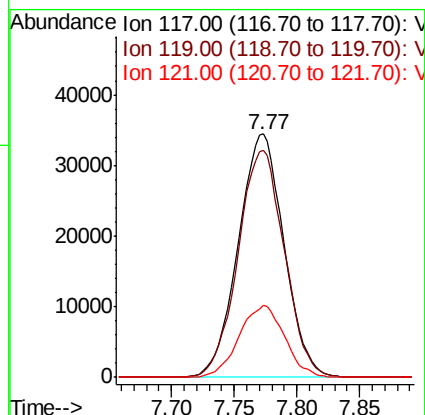
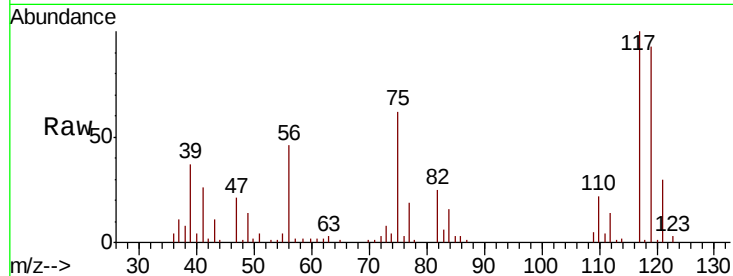




#33
Carbon Tetrachloride
Concen: 20.408 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

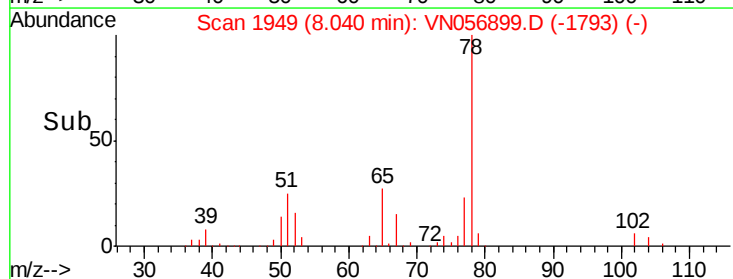
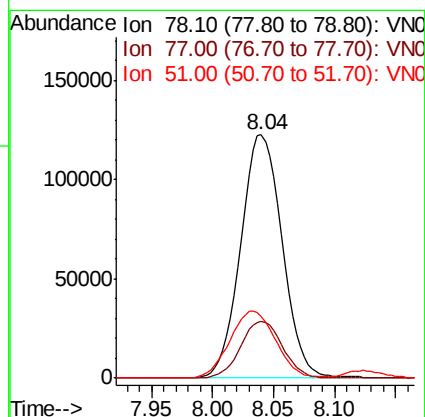
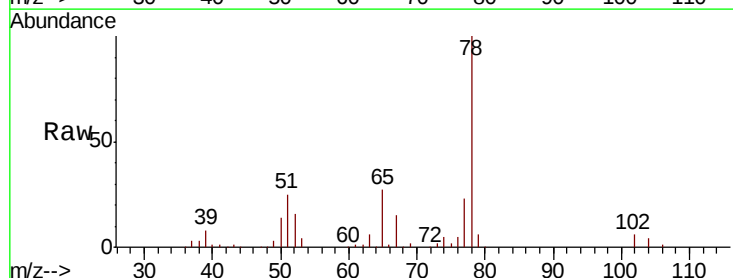
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

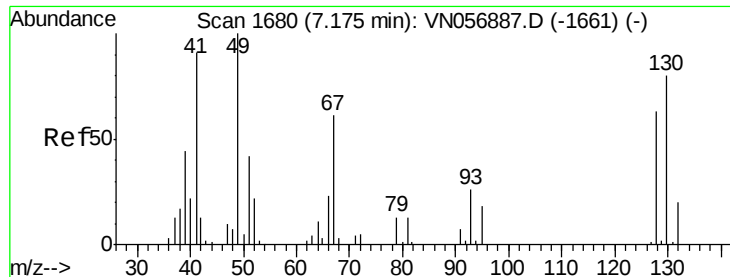
Tot Ion:117 Resp: 87038
Ion Ratio Lower Upper
117 100
119 93.4 75.1 112.7
121 29.5 25.8 38.8



#34
Benzene
Concen: 20.599 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 78 Resp: 288638
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.2
51 24.9 20.4 30.6

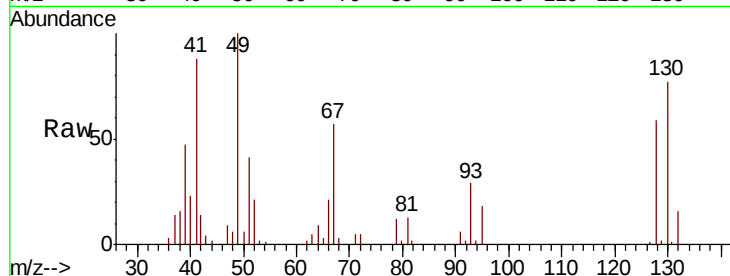




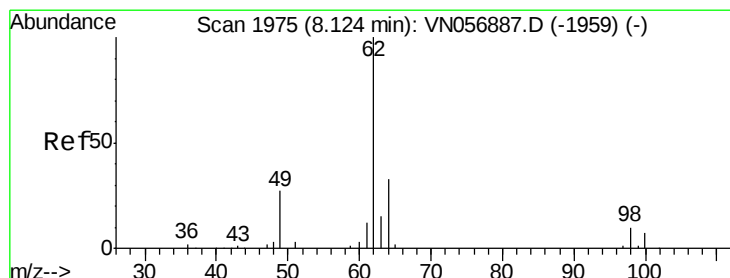
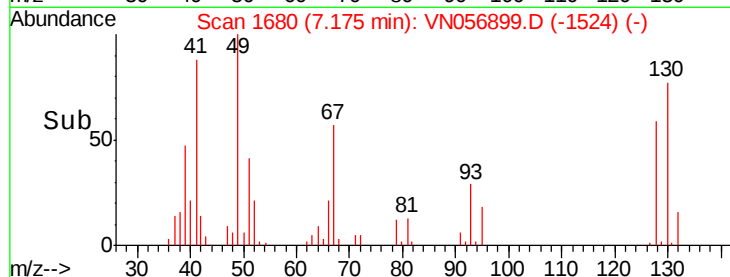
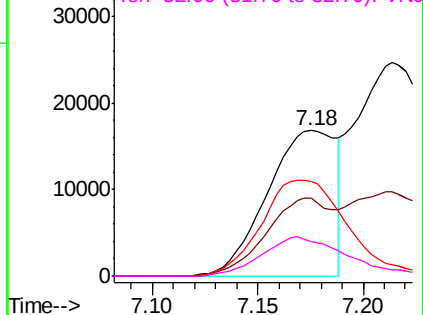
#35
Methacrylonitrile
Concen: 21.362 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Instrument :
MSVOA_N
ClientSampled :
VN0724WBSD01

Tot Ion: 41 Resp: 38116
Ion Ratio Lower Upper
41 100
39 53.5 24.4 73.2
67 65.5 33.4 100.1
52 24.0 12.1 36.3

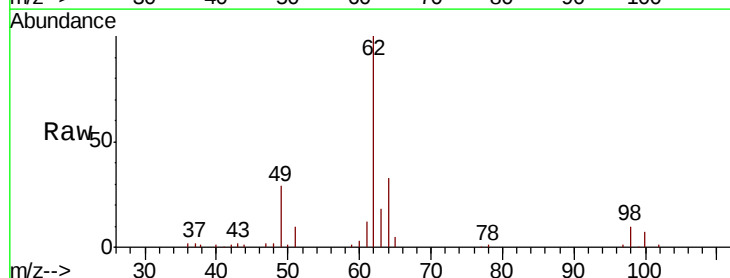


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

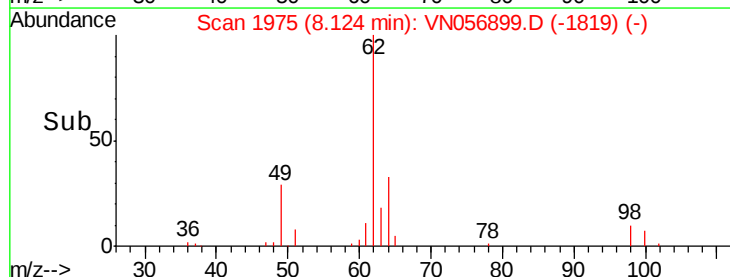
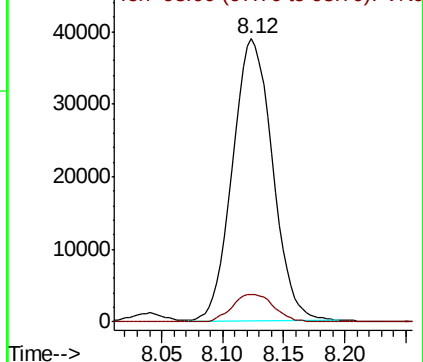


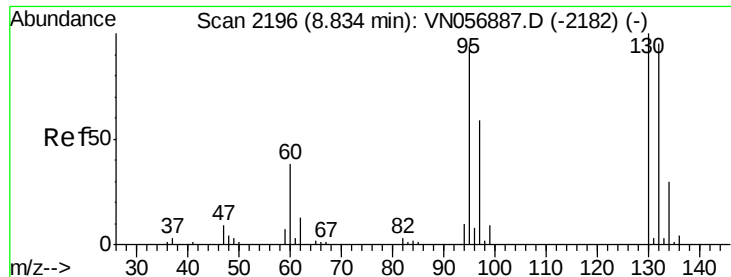
#36
1,2-Dichloroethane
Concen: 20.305 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 62 Resp: 88453
Ion Ratio Lower Upper
62 100
98 10.2 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

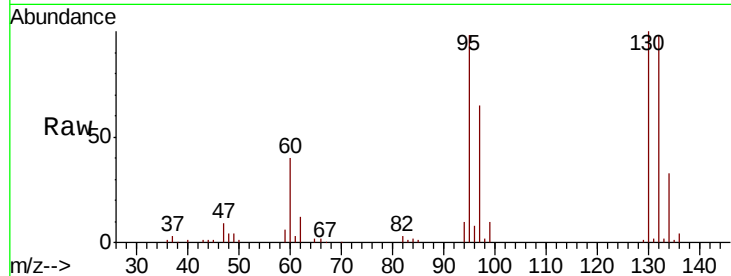




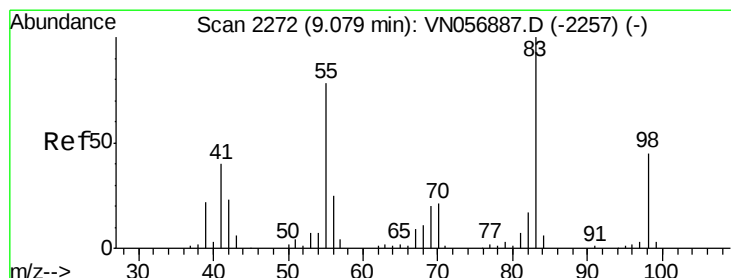
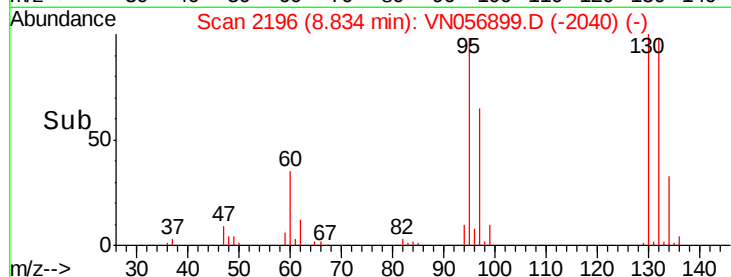
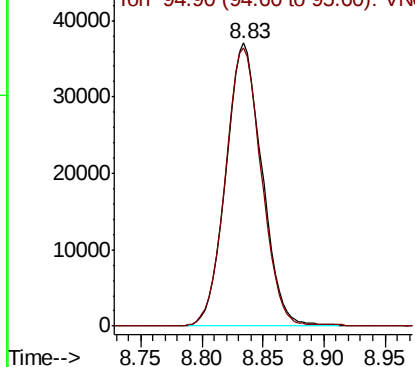
#37
 Trichloroethene
 Concen: 20.349 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBSD01

Tot Ion:130 Resp: 76446
 Ion Ratio Lower Upper
 130 100
 95 98.0 74.9 112.3

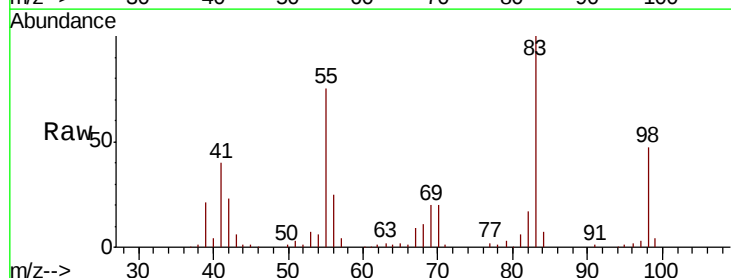


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

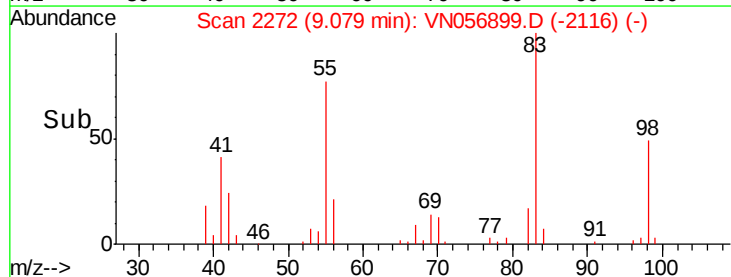
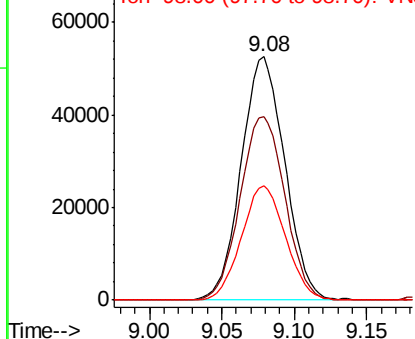


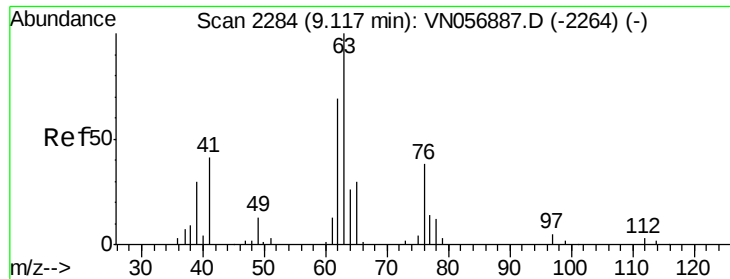
#38
 Methylcyclohexane
 Concen: 19.464 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Tgt Ion: 83 Resp: 110112
 Ion Ratio Lower Upper
 83 100
 55 77.3 38.4 115.1
 98 47.4 22.7 68.0



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

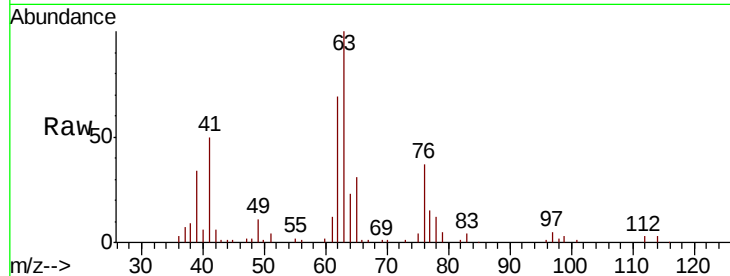




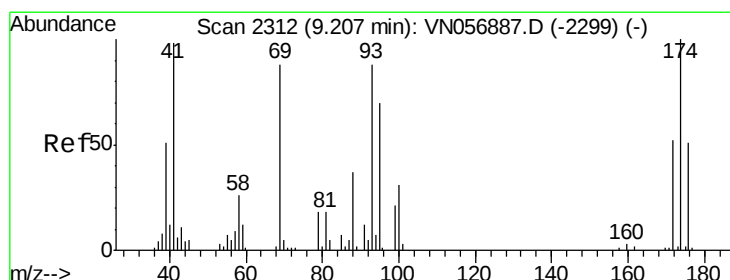
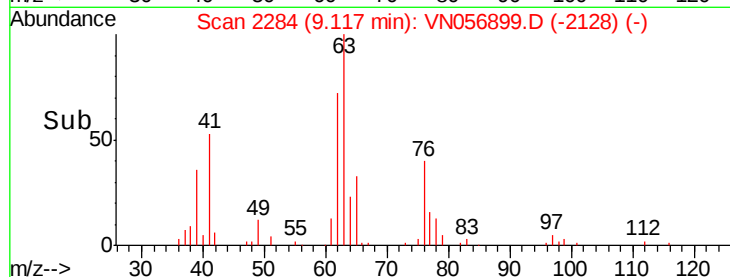
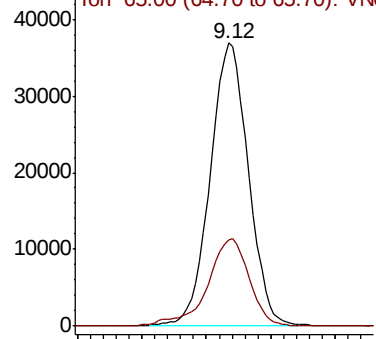
#39
 1,2-Dichloropropane
 Concen: 20.402 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBSD01

Tot Ion: 63 Resp: 76311
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8

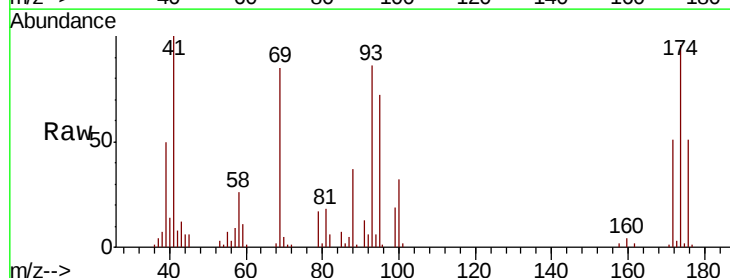


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 65.00 (64.70 to 65.70): VN0

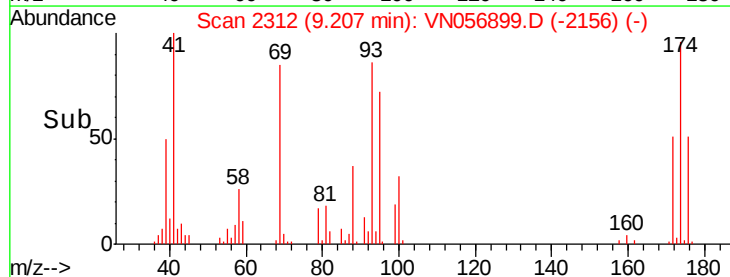
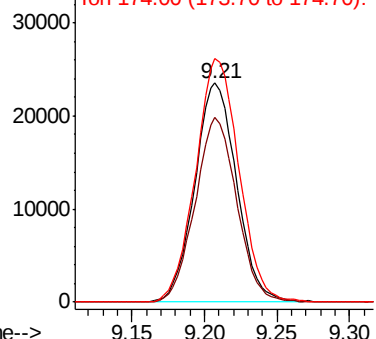


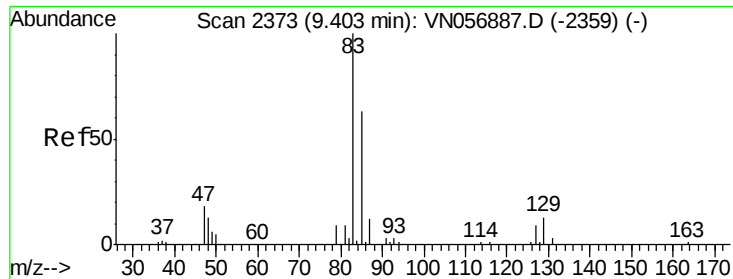
#40
 Dibromomethane
 Concen: 20.570 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Tgt Ion: 93 Resp: 47197
 Ion Ratio Lower Upper
 93 100
 95 83.7 0.0 165.8
 174 115.3 0.0 232.4



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





#41

Bromodichloromethane

Concen: 20.120 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

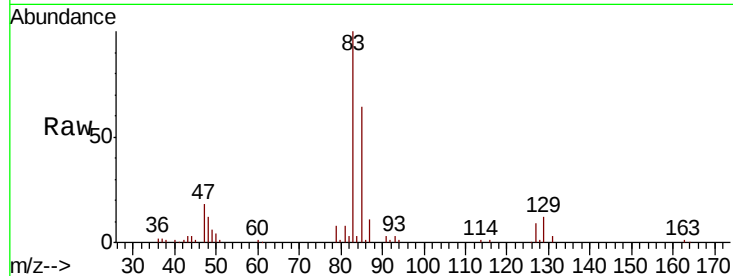
Tot Ion: 83 Resp: 88710

Ion Ratio Lower Upper

83 100

85 63.7 50.6 75.8

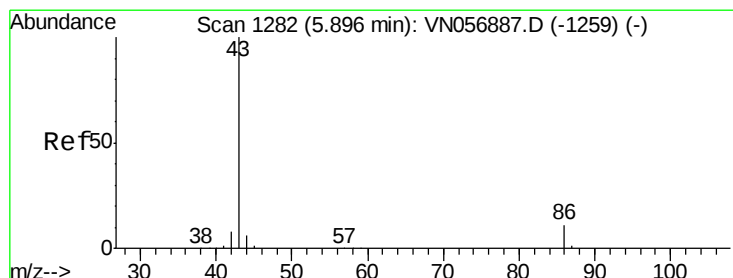
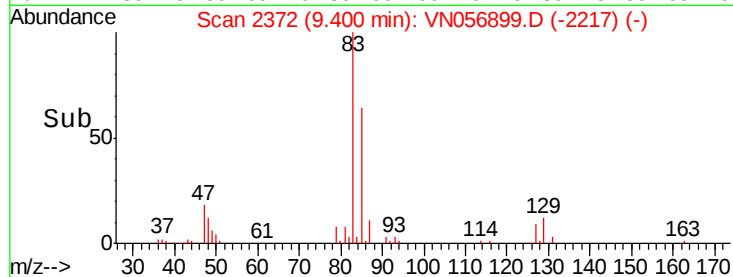
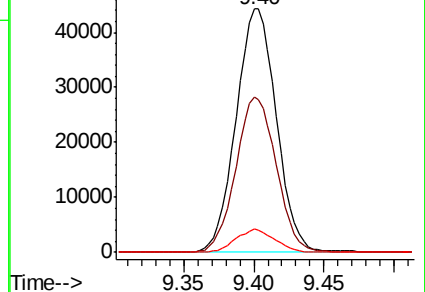
127 9.5 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.784 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056899.D

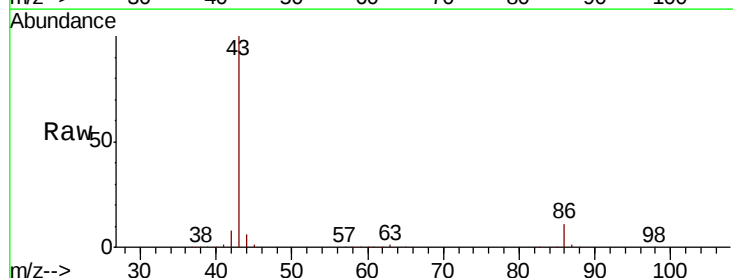
Acq: 24 Jul 2019 1:30

Tgt Ion: 43 Resp: 793959

Ion Ratio Lower Upper

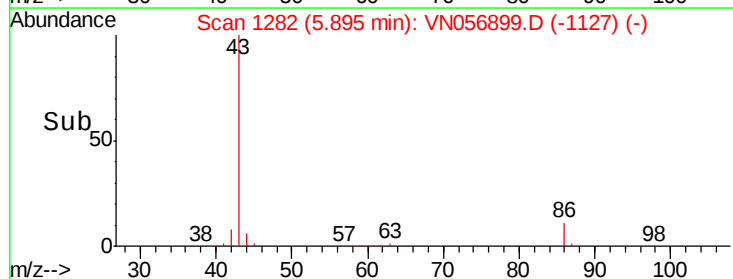
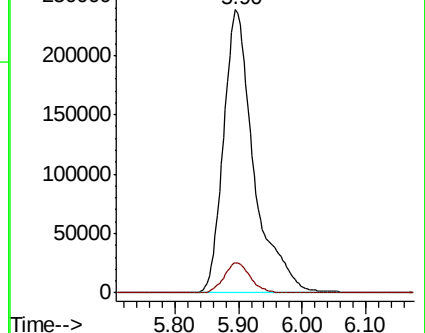
43 100

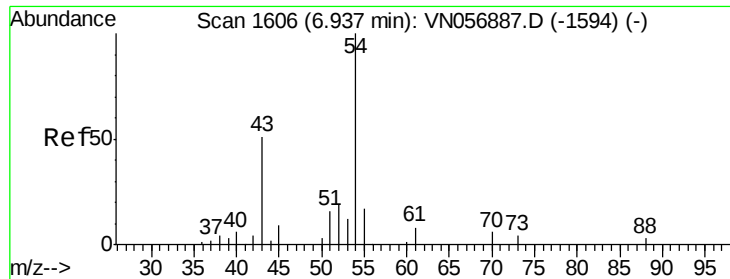
86 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

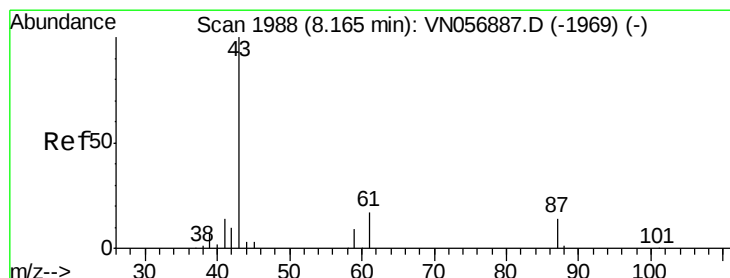
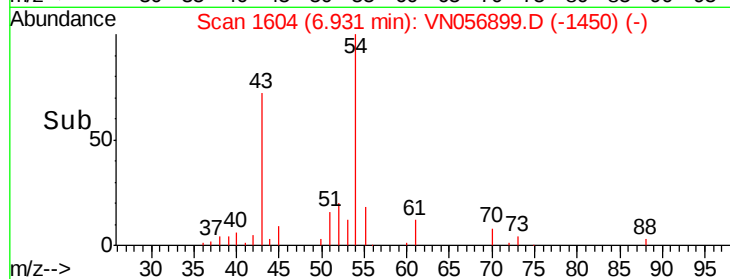
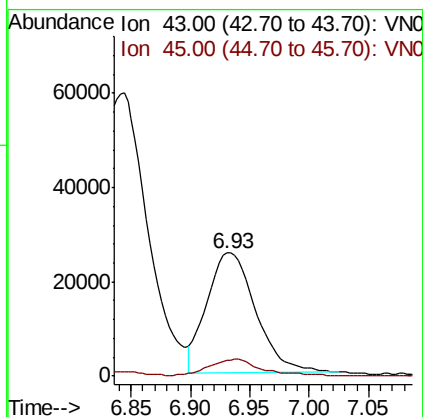
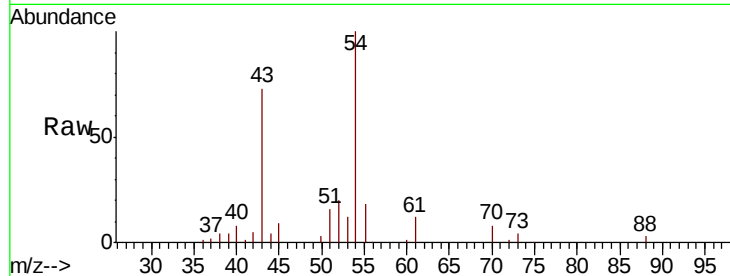




#43
Ethyl Acetate
Concen: 19.919 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

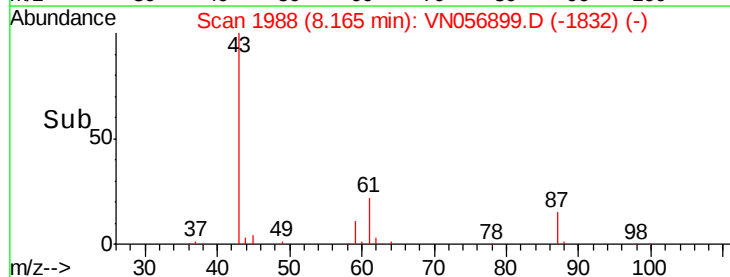
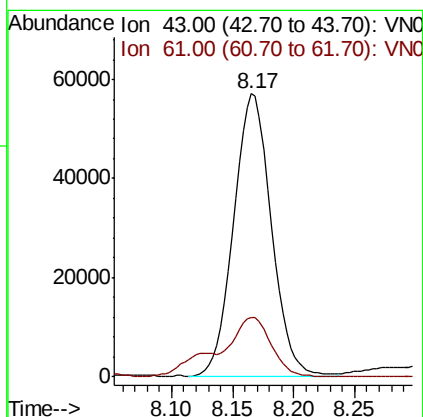
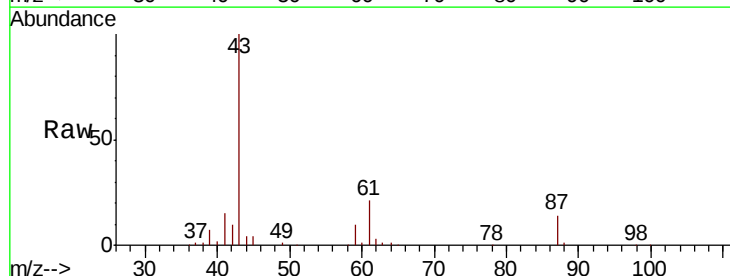
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

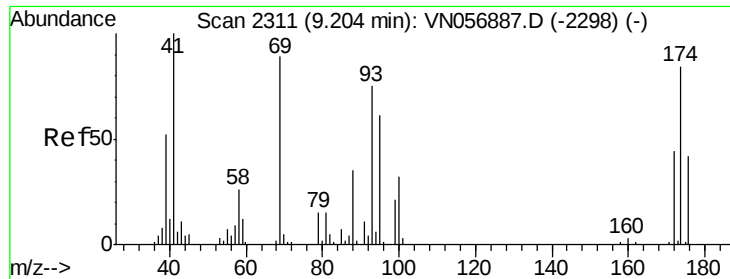
Tot Ion: 43 Resp: 72959
Ion Ratio Lower Upper
43 100
45 13.4 10.2 15.2



#44
Isopropyl Acetate
Concen: 19.930 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 43 Resp: 121682
Ion Ratio Lower Upper
43 100
61 21.4 23.0 34.4#





#45

1,4-Dioxane

Concen: 403.089 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

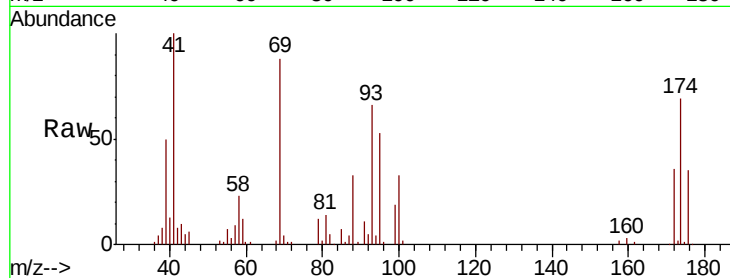
Tot Ion: 88 Resp: 23429

Ion Ratio Lower Upper

88 100

43 28.4 23.4 35.0

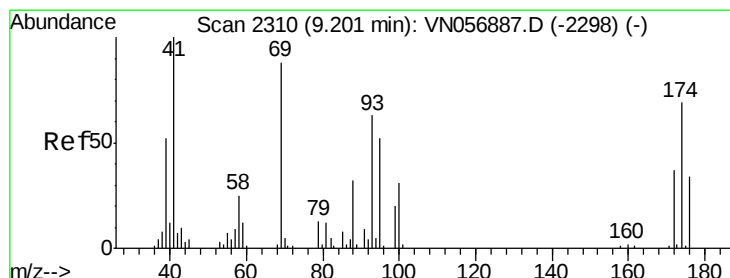
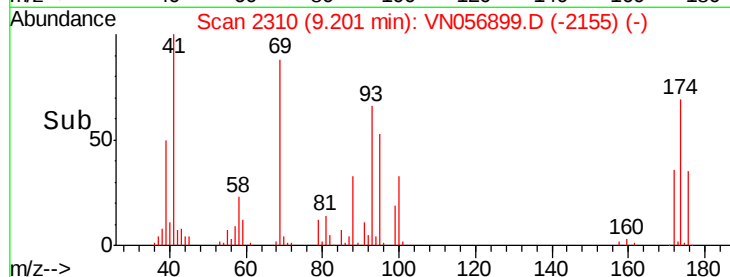
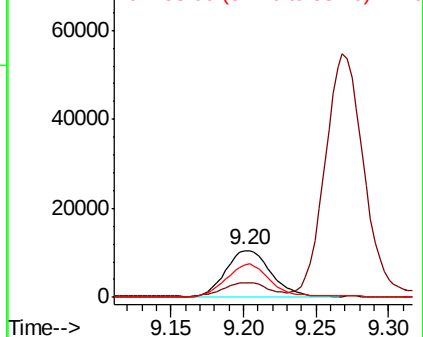
58 68.9 58.5 87.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46

Methyl methacrylate

Concen: 19.436 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

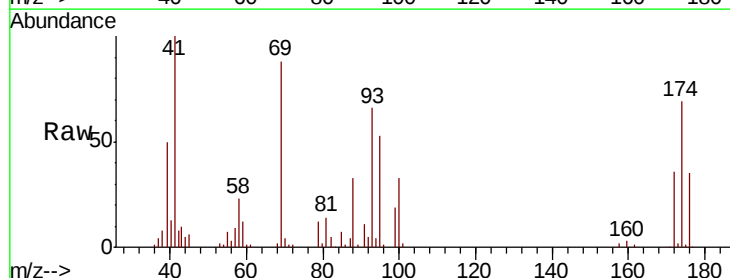
Tgt Ion: 41 Resp: 59199

Ion Ratio Lower Upper

41 100

69 88.6 44.0 132.0

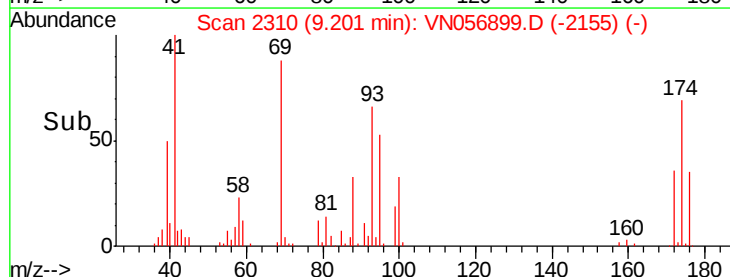
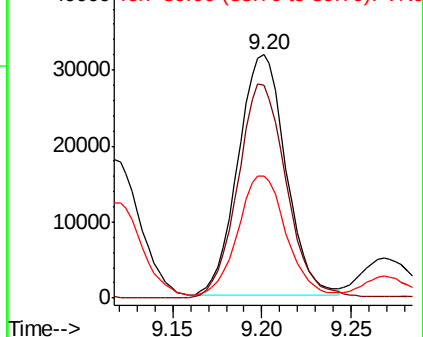
39 49.3 25.8 77.4

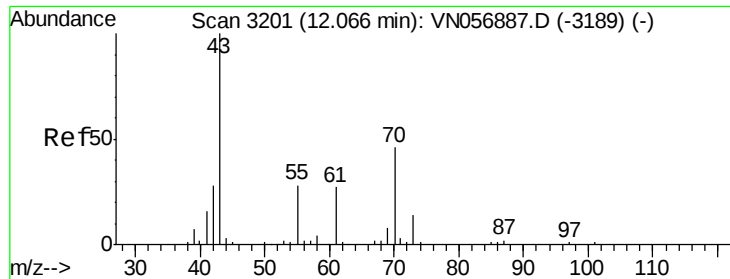


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

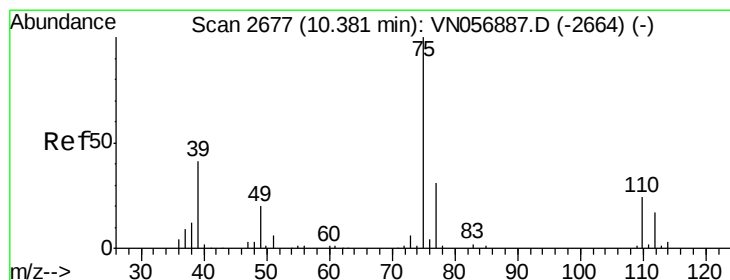
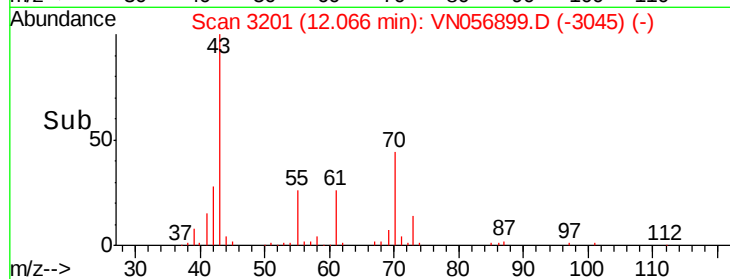
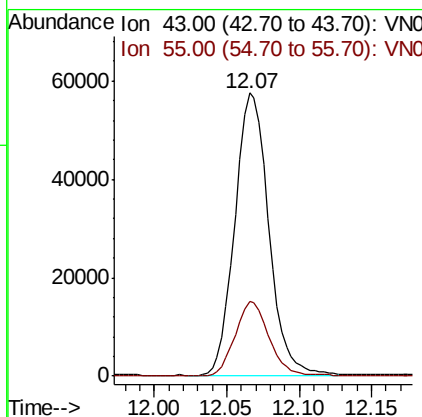
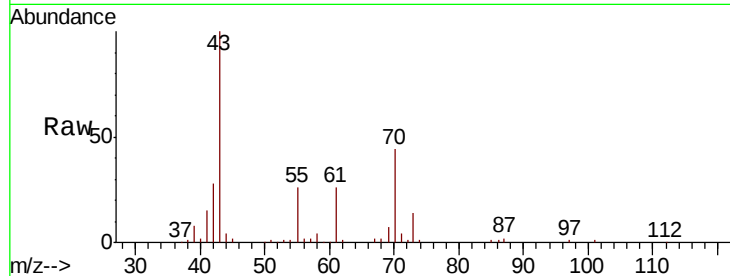




#47
n-amvl Acetate
Concen: 19.075 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

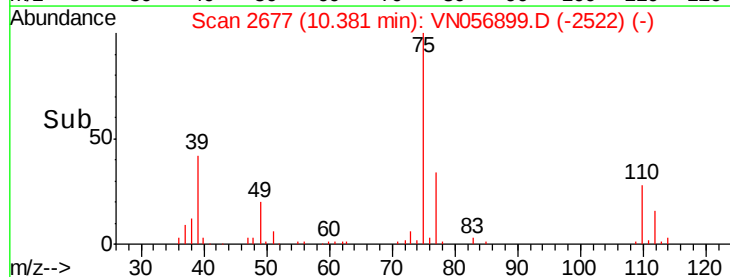
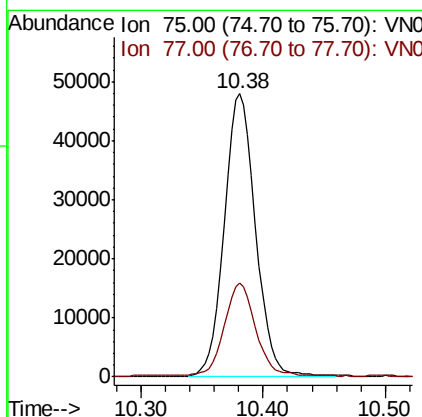
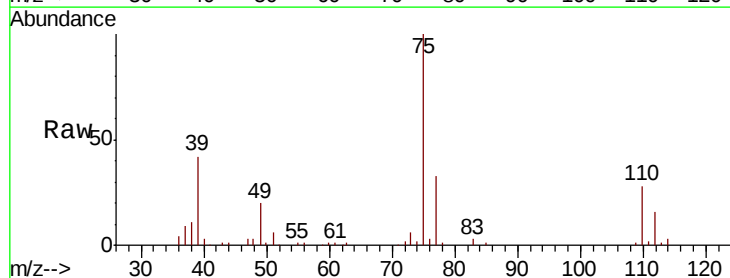
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

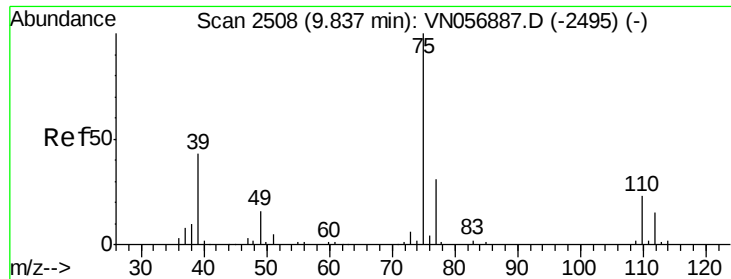
Tot Ion: 43 Resp: 93227
Ion Ratio Lower Upper
43 100
55 26.4 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 18.789 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 75 Resp: 86207
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0



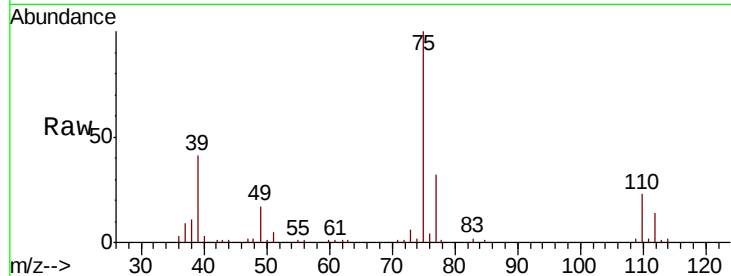


#49

cis-1,3-Dichloropropene
Concen: 18.997 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.4	36.6
39	41.0	34.2	51.4

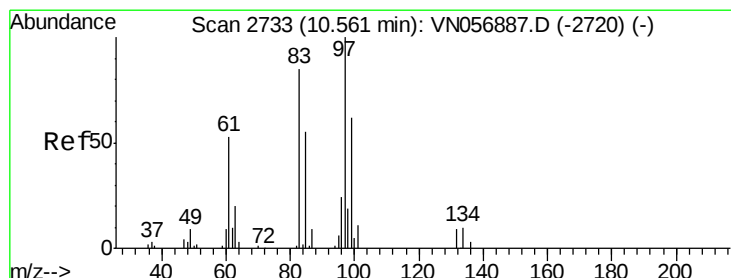
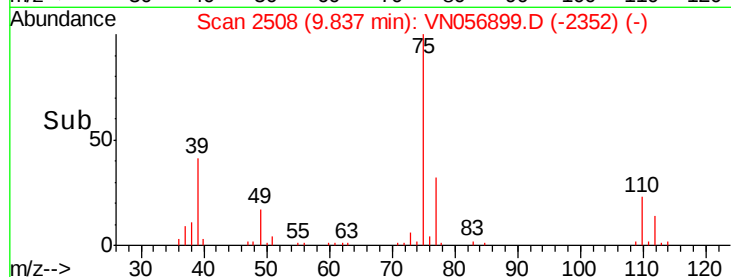
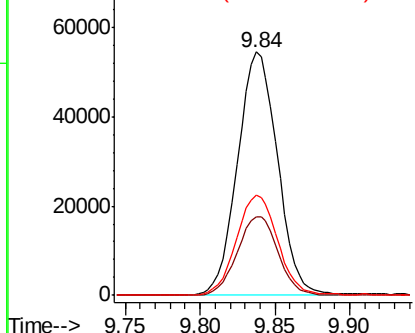


Abundance

Ion 75.00 (74.70 to 75.70): VNO

Ion 77.00 (76.70 to 77.70): VNO

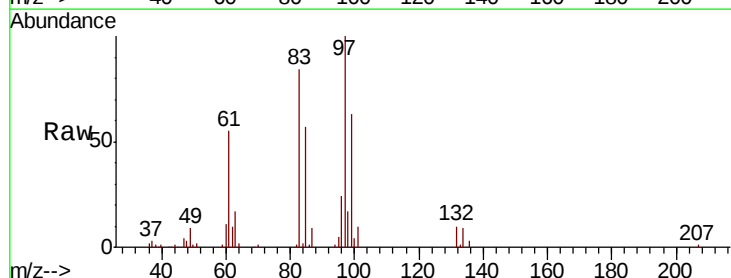
Ion 39.00 (38.70 to 39.70): VNO



#50

1,1,2-Trichloroethane
Concen: 21.074 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.4	102.6
85	56.6	44.3	66.5
99	62.5	49.4	74.2



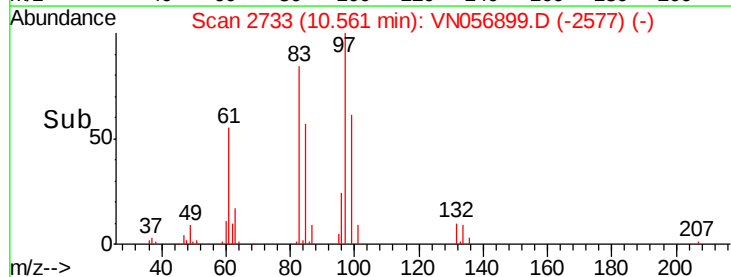
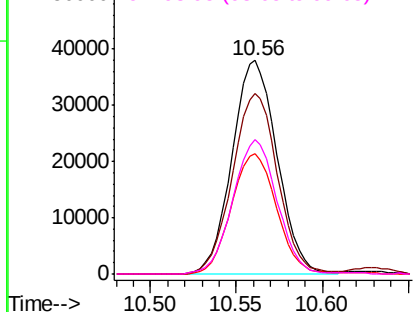
Abundance

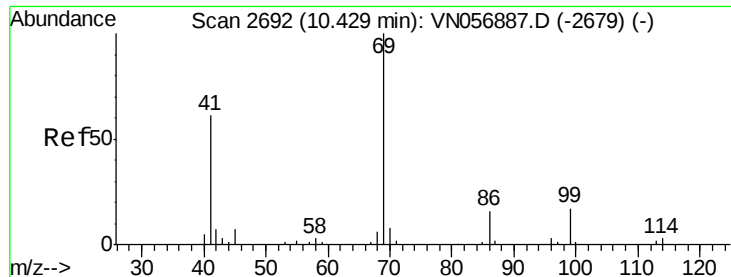
Ion 97.00 (96.70 to 97.70): VNO

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: 19.799 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

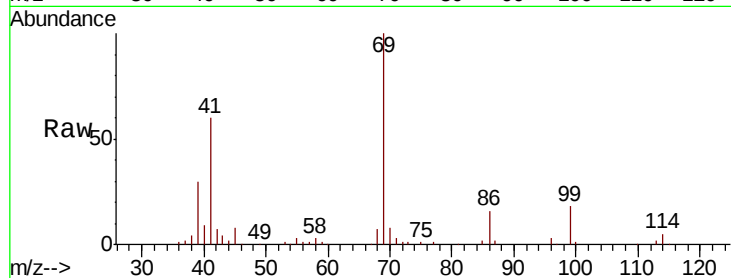
Tot Ion: 69 Resp: 94343

Ion Ratio Lower Upper

69 100

41 59.3 30.4 91.3

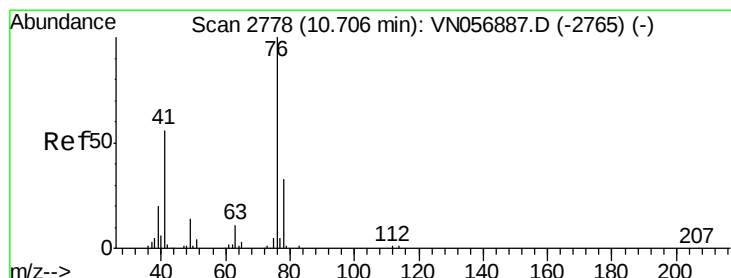
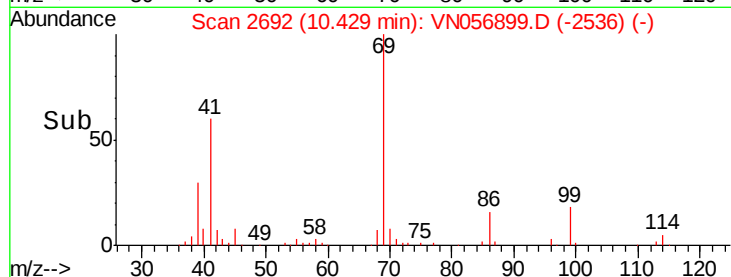
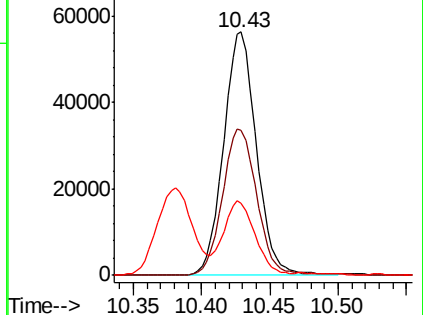
39 29.0 14.2 42.6



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 20.499 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056899.D

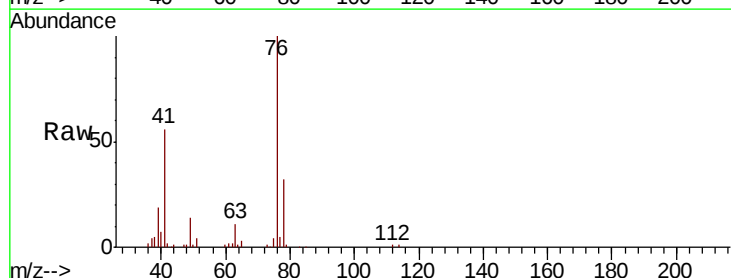
Acq: 24 Jul 2019 1:30

Tgt Ion: 76 Resp: 113972

Ion Ratio Lower Upper

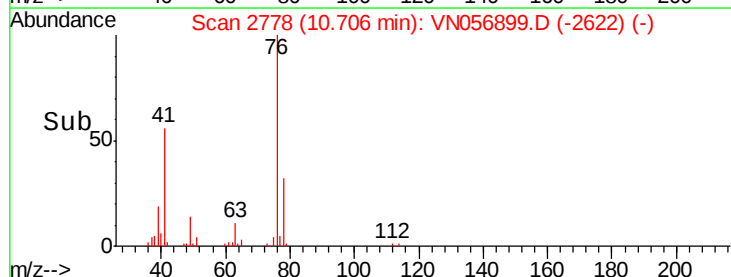
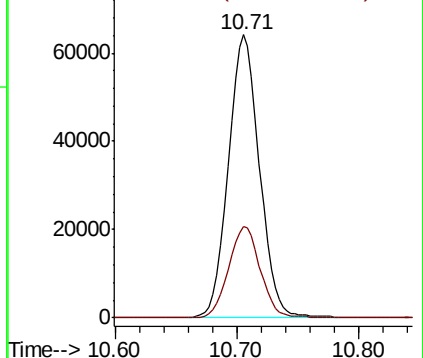
76 100

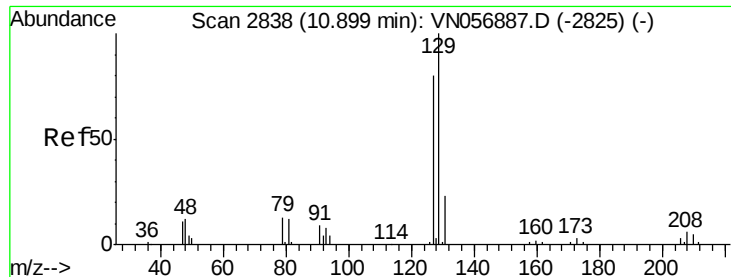
78 32.6 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.742 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

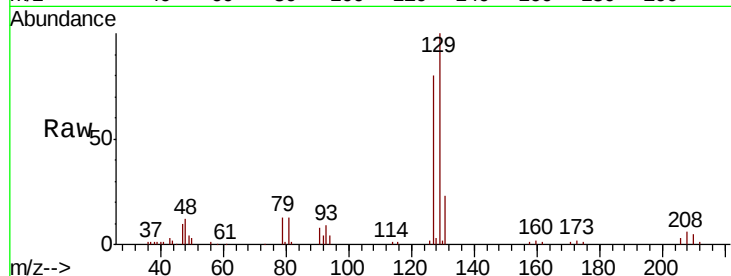
VN0724WBSD01

Tot Ion:129 Resp: 67602

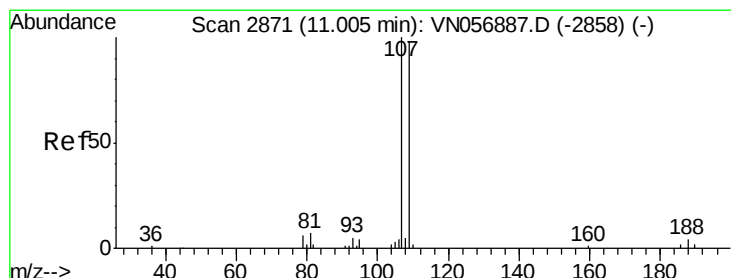
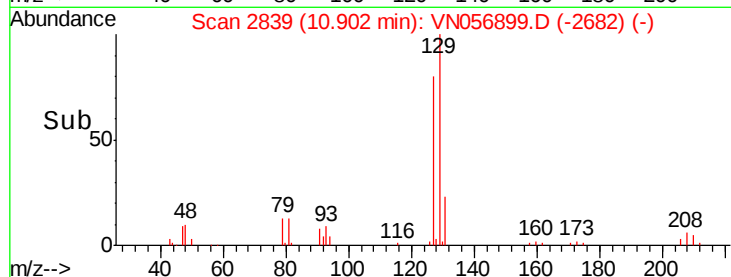
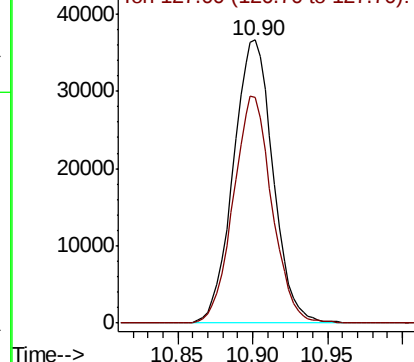
Ion Ratio Lower Upper

129 100

127 77.9 38.8 116.4



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.173 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056899.D

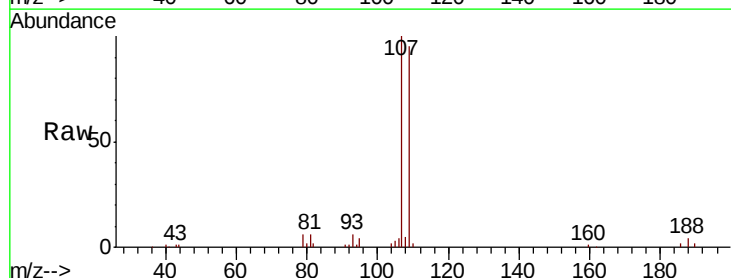
Acq: 24 Jul 2019 1:30

Tgt Ion:107 Resp: 67799

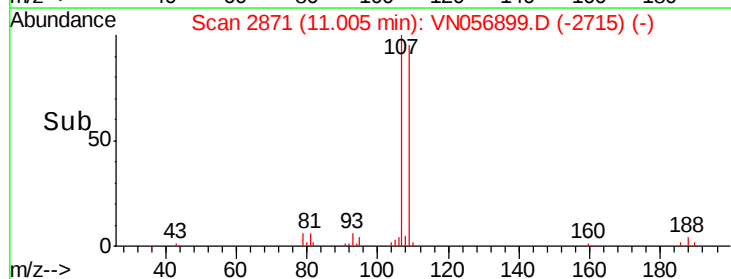
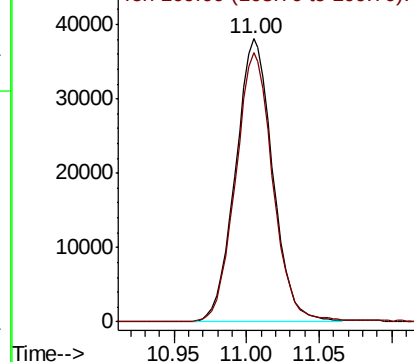
Ion Ratio Lower Upper

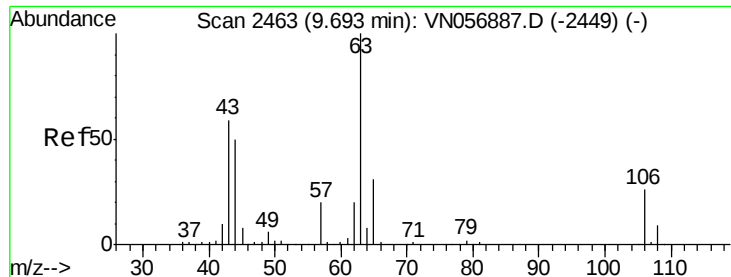
107 100

109 95.3 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 92.074 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

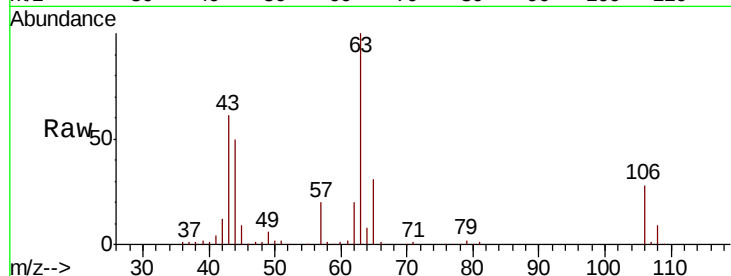
Tot Ion: 63 Resp: 190012

Ion Ratio Lower Upper

63 100

65 31.1 25.1 37.7

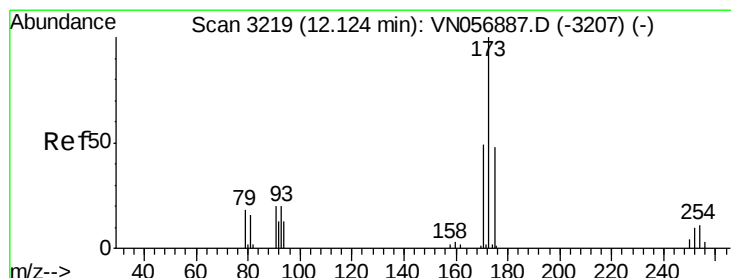
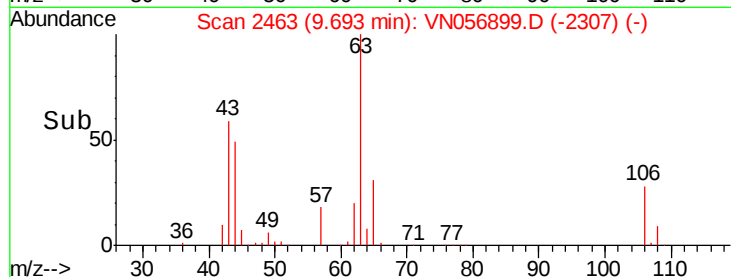
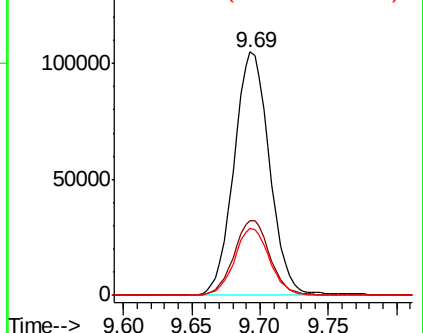
106 27.1 21.5 32.3



Abundance Ion 63.00 (62.70 to 63.70): VN056887.D (-2449) (-)

Ion 65.00 (64.70 to 65.70): VN056887.D (-2449) (-)

Ion 106.00 (105.70 to 106.70): VN056887.D (-2449) (-)



#56

Bromoform

Concen: 19.162 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

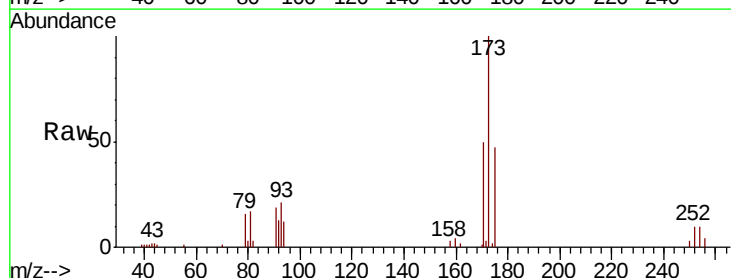
Tgt Ion: 173 Resp: 45401

Ion Ratio Lower Upper

173 100

175 47.9 38.8 58.2

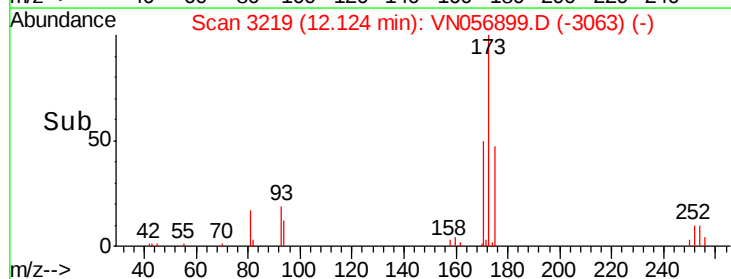
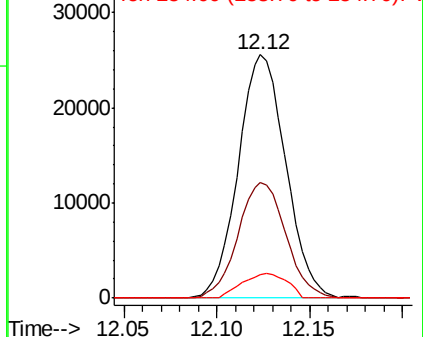
254 9.5 8.1 12.1

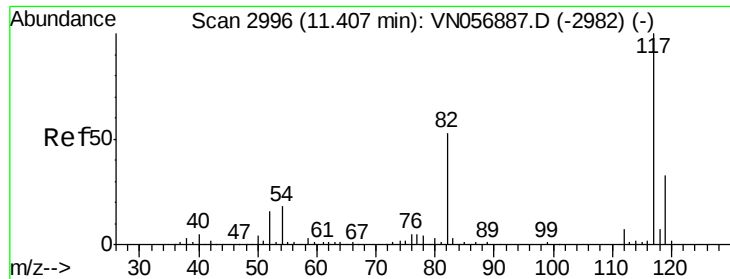


Abundance Ion 173.00 (172.70 to 173.70): VN056887.D (-3207) (-)

Ion 175.00 (174.70 to 175.70): VN056887.D (-3207) (-)

Ion 254.00 (253.70 to 254.70): VN056887.D (-3207) (-)

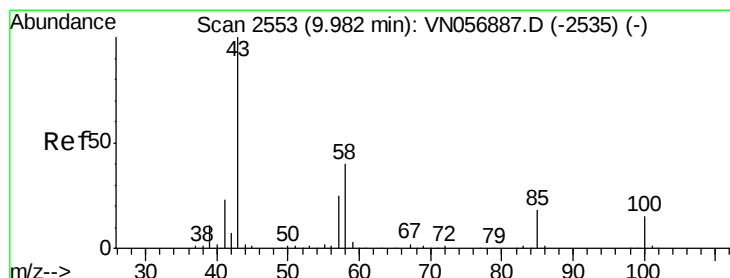
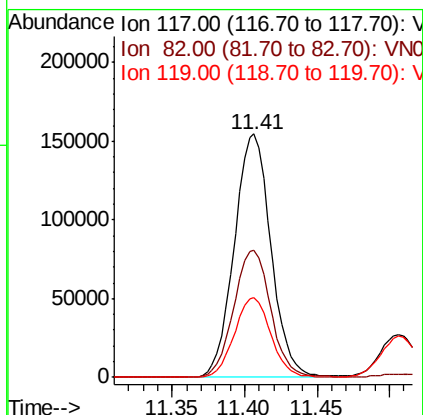
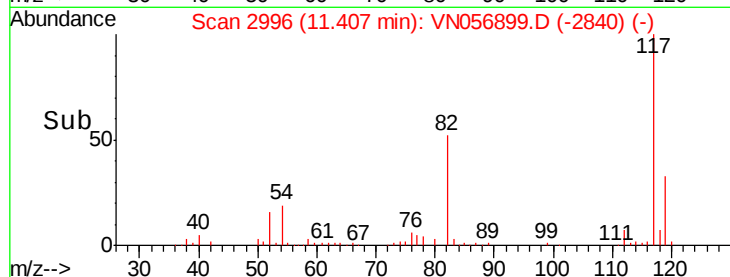
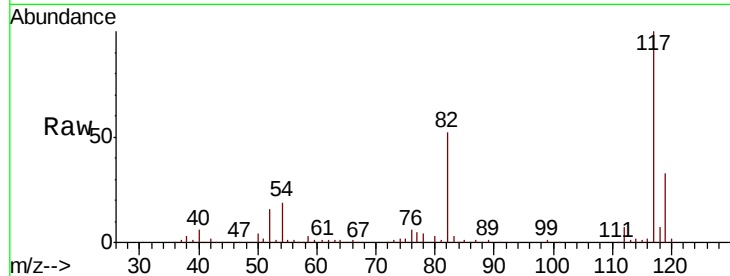




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

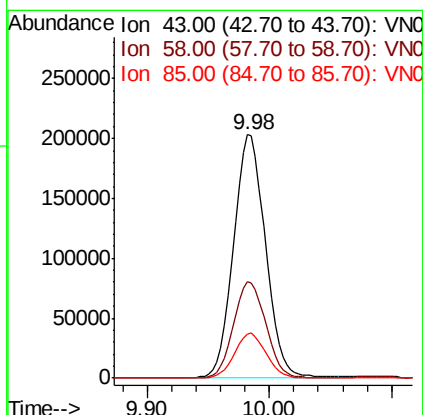
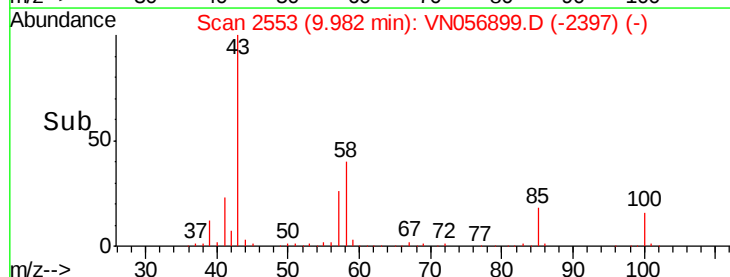
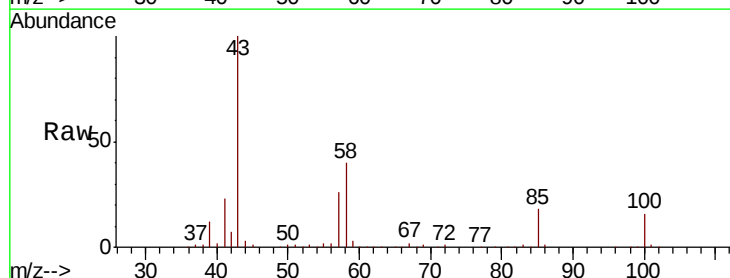
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

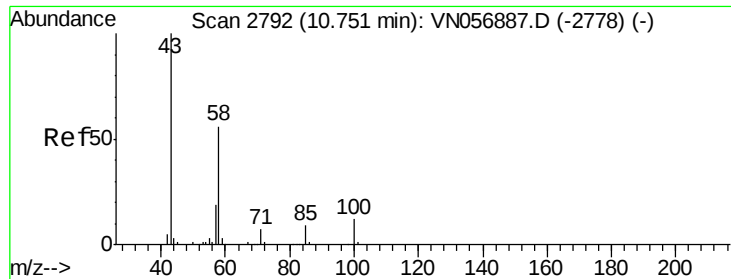
Tot Ion:117 Resp: 271324
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.5 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 100.734 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 43 Resp: 366778
Ion Ratio Lower Upper
43 100
58 40.3 31.7 47.5
85 18.2 14.5 21.7

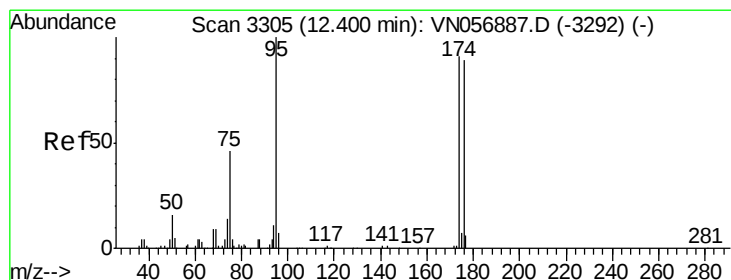
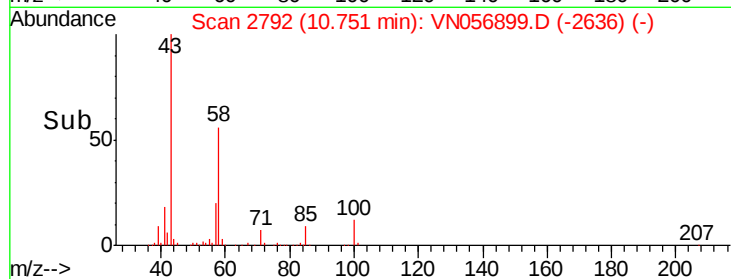
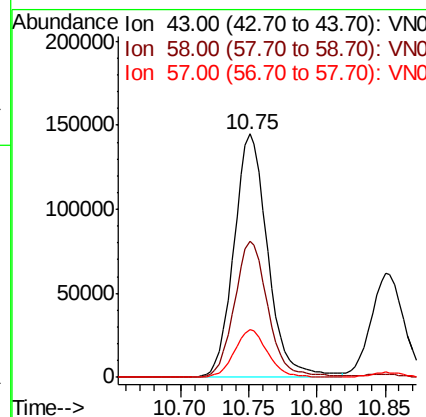
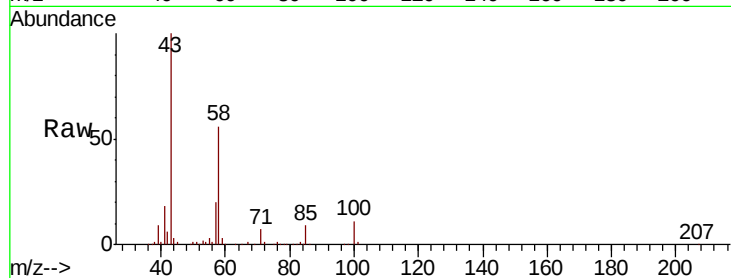




#59
2-Hexanone
Concen: 99.969 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

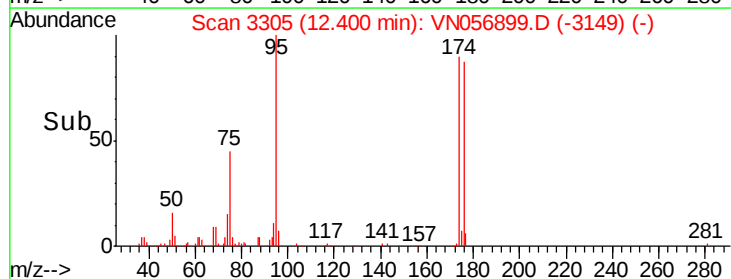
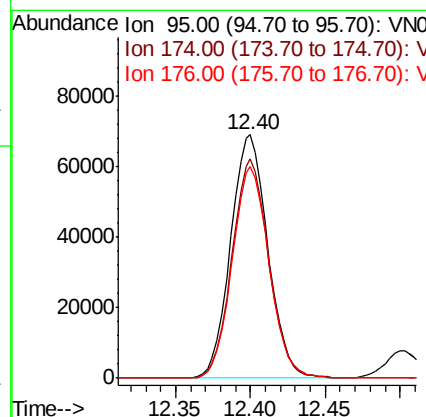
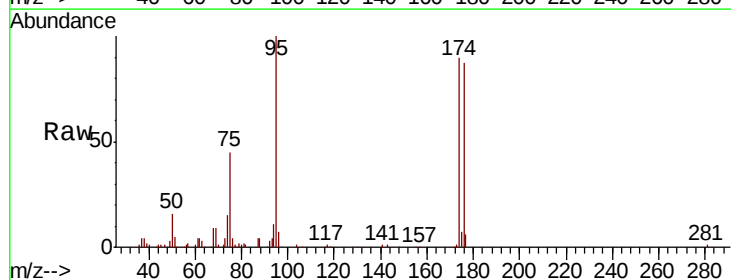
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

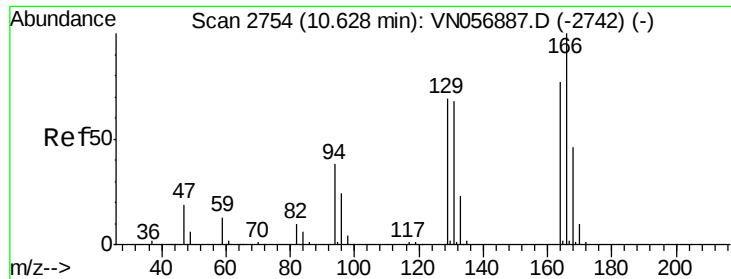
Tot Ion: 43 Resp: 248032
Ion Ratio Lower Upper
43 100
58 56.0 45.0 67.4
57 19.4 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.382 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 95 Resp: 119482
Ion Ratio Lower Upper
95 100
174 89.0 71.9 107.9
176 86.2 69.8 104.8





#61

Tetrachloroethene

Concen: 21.278 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

Tot Ion:164 Resp: 80913

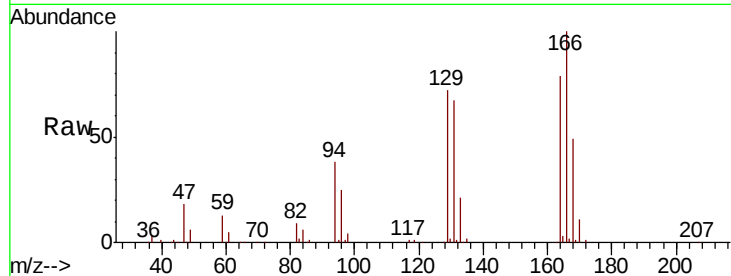
Ion Ratio Lower Upper

164 100

166 127.2 103.9 155.9

129 91.7 72.4 108.6

131 84.8 70.3 105.5

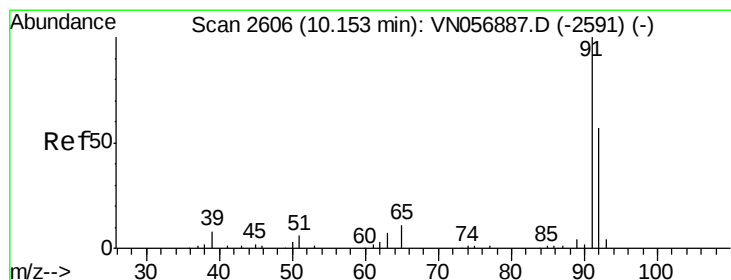
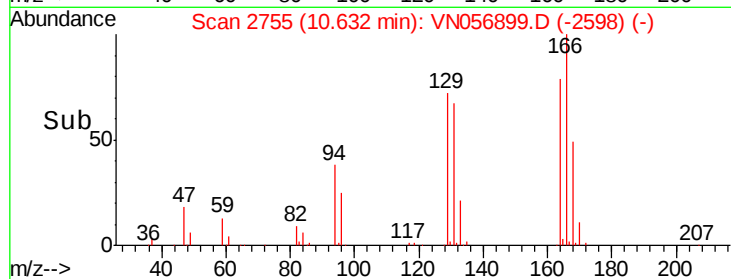
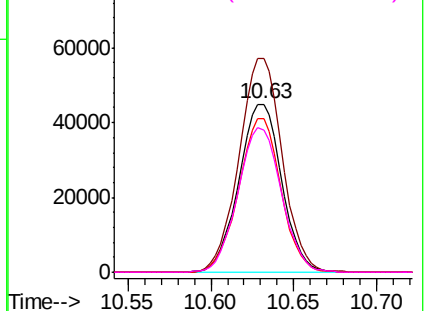


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.777 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056899.D

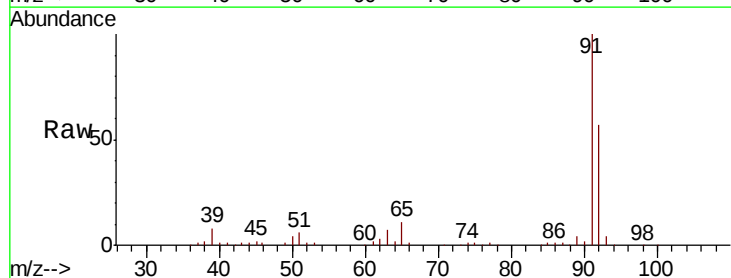
Acq: 24 Jul 2019 1:30

Tgt Ion: 91 Resp: 306591

Ion Ratio Lower Upper

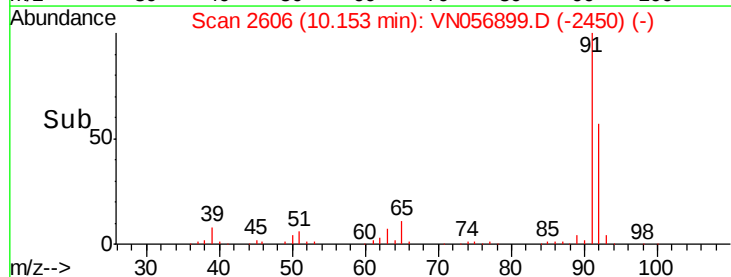
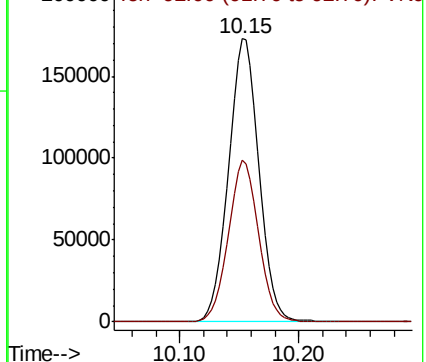
91 100

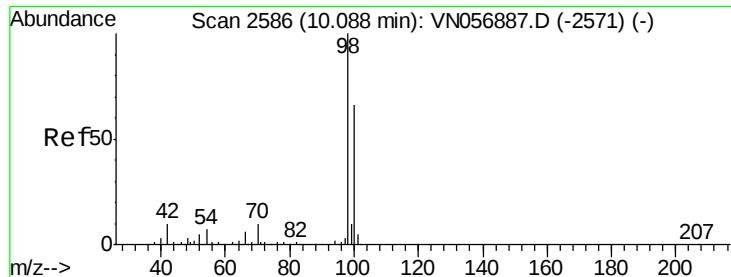
92 56.6 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.345 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

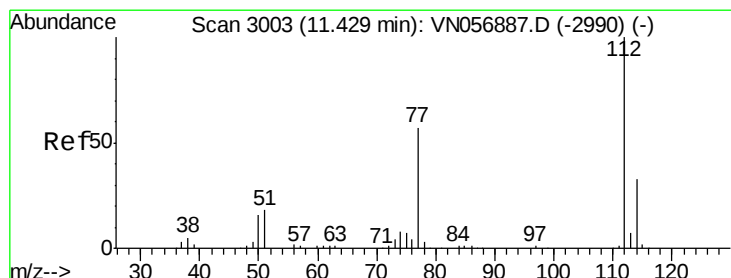
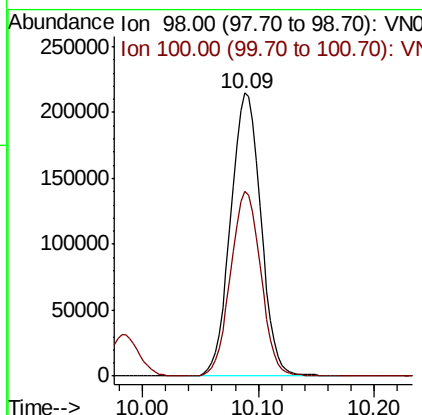
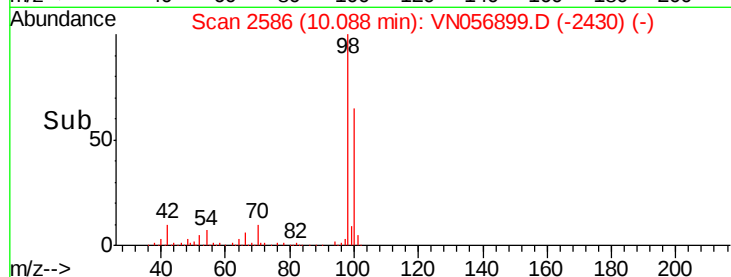
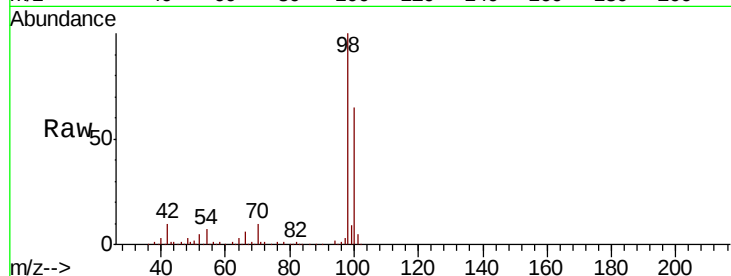
VN0724WBSD01

Tot Ion: 98 Resp: 388922

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.2



#64

Chlorobenzene

Concen: 20.645 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056899.D

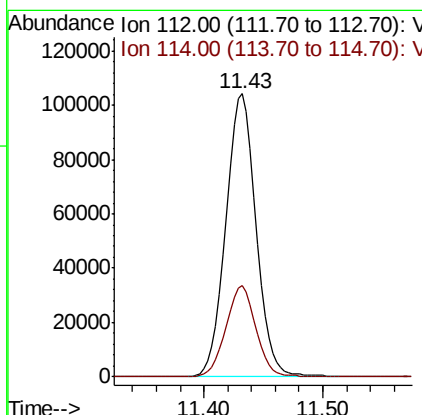
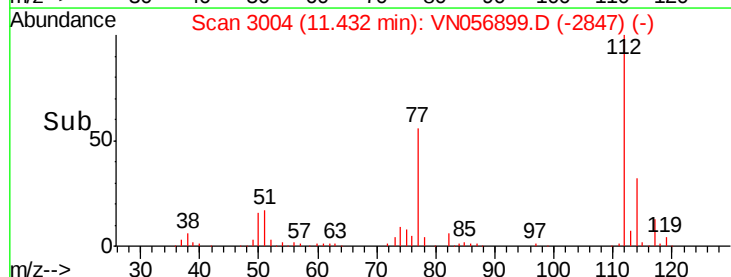
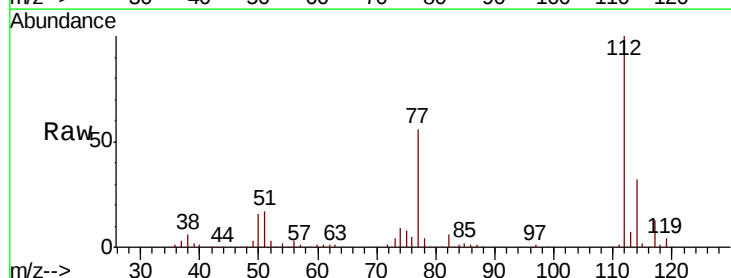
Acq: 24 Jul 2019 1:30

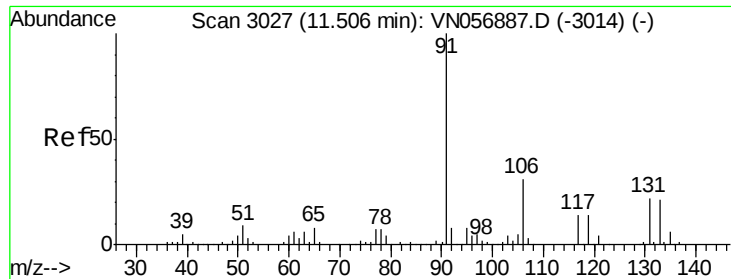
Tgt Ion: 112 Resp: 183509

Ion Ratio Lower Upper

112 100

114 32.2 26.7 40.1





#65

1,1,1,2-Tetrachloroethane

Concen: 20.347 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampled :

VN0724WBSD01

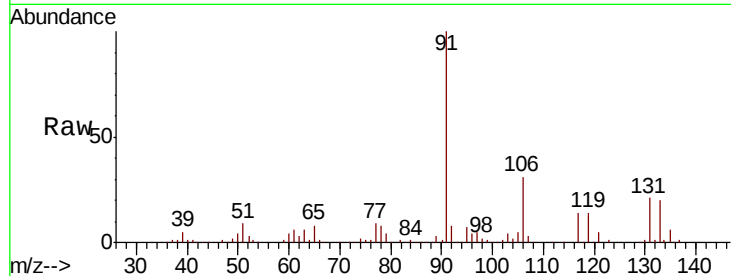
Tot Ion:131 Resp: 68502

Ion Ratio Lower Upper

131 100

133 97.3 0.0 189.6

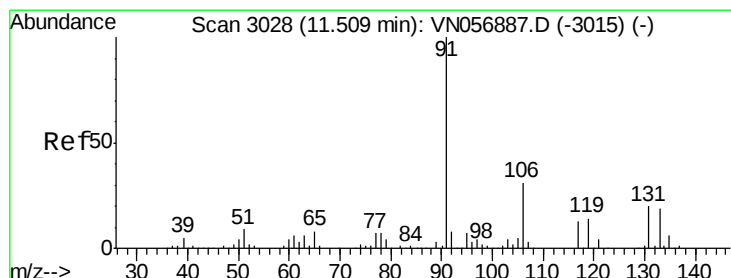
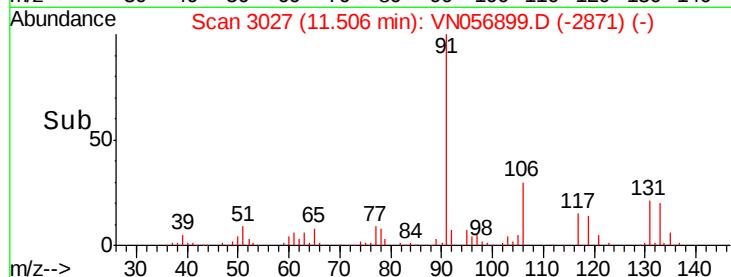
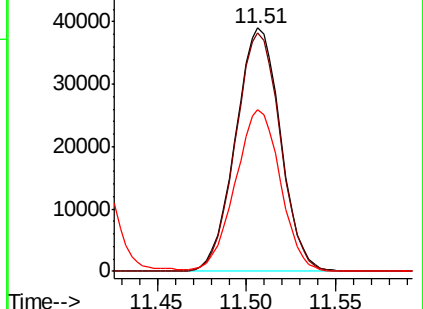
119 66.5 0.0 133.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.605 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN056899.D

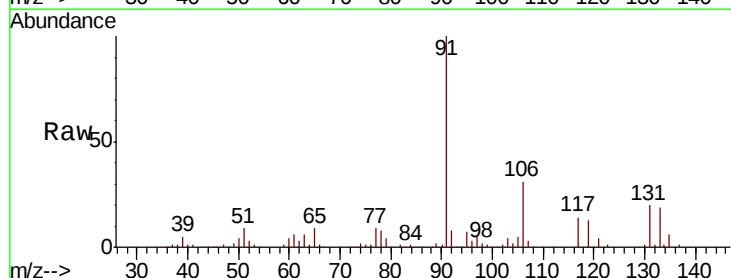
Acq: 24 Jul 2019 1:30

Tgt Ion: 91 Resp: 320409

Ion Ratio Lower Upper

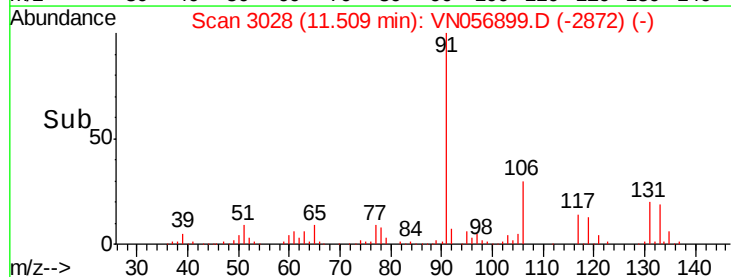
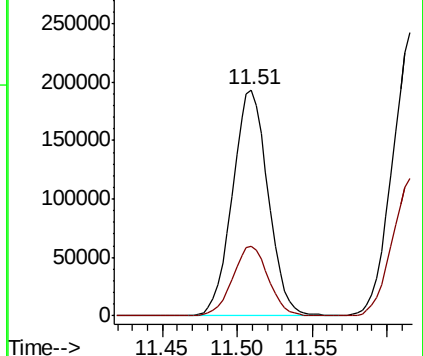
91 100

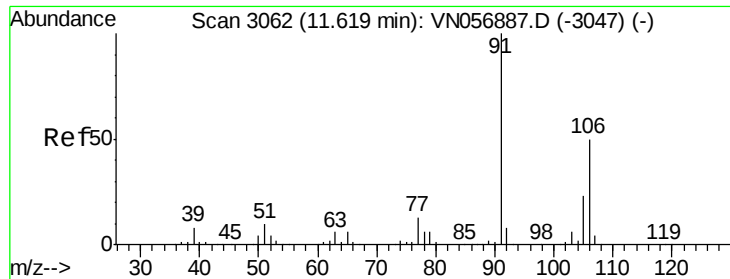
106 30.9 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

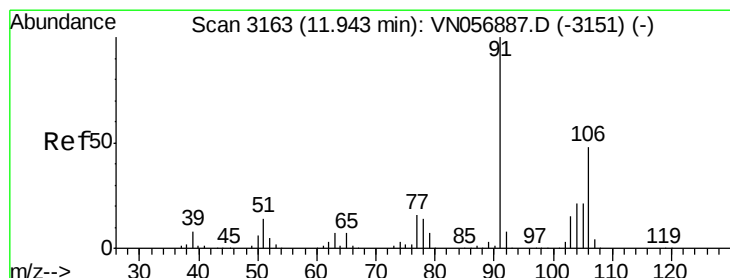
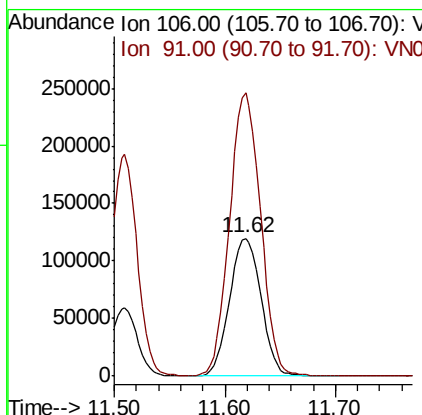
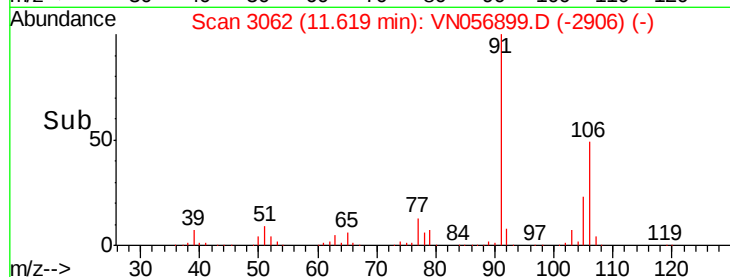
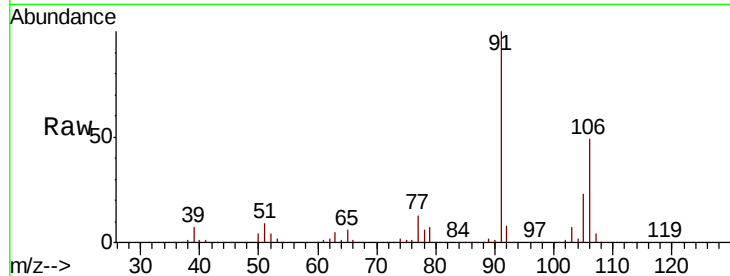




#67
m/p-Xvlenes
Concen: 41.067 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

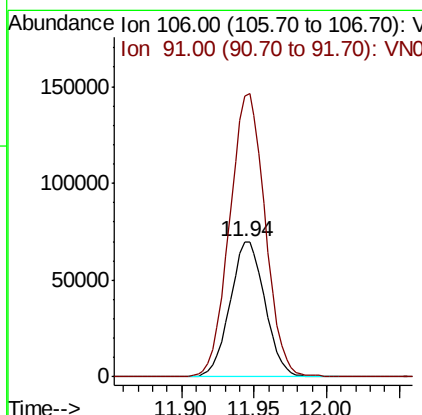
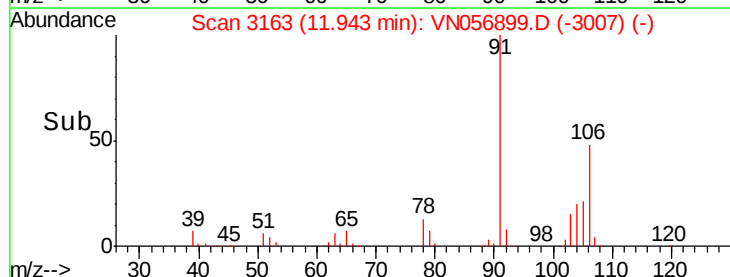
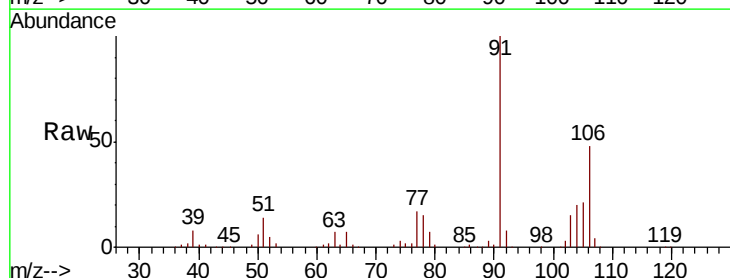
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

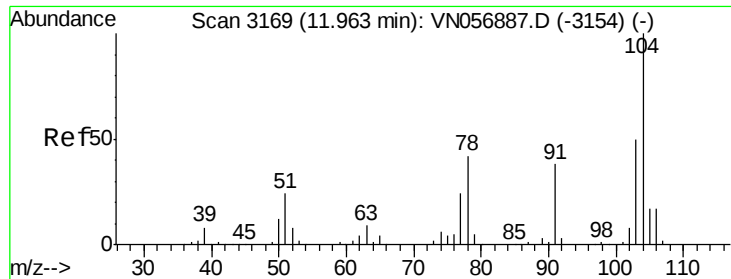
Tot Ion:106 Resp: 238130
Ion Ratio Lower Upper
106 100
91 202.5 160.6 240.8



#68
o-Xylene
Concen: 20.496 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion:106 Resp: 116848
Ion Ratio Lower Upper
106 100
91 213.1 106.2 318.6

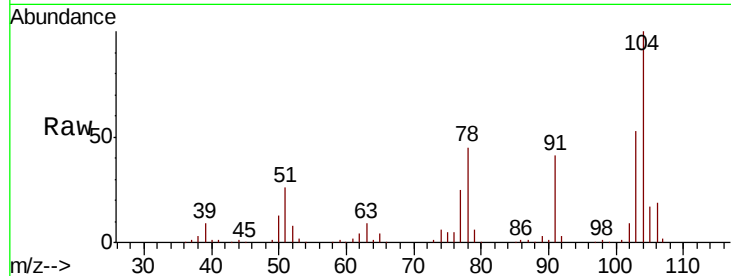




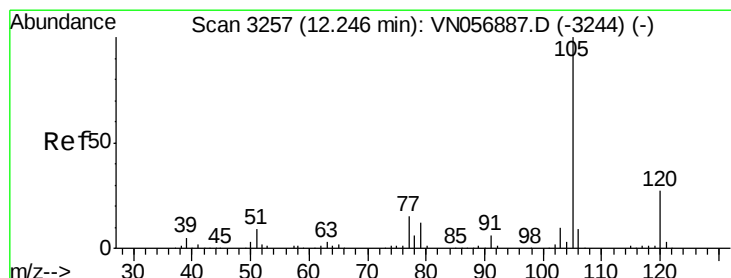
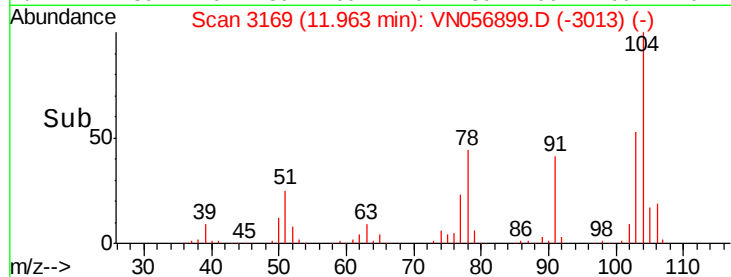
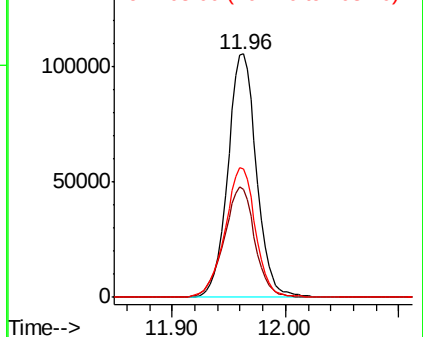
#69
Stvrene
Concen: 20.113 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Instrument :
MSVOA_N
ClientSampled :
VN0724WBSD01

Tot Ion:104 Resp: 185818
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 56.7 44.7 67.1

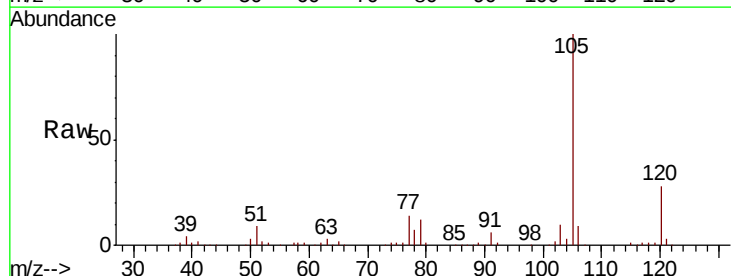


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

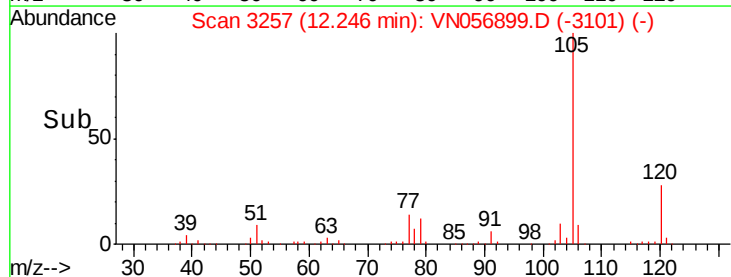
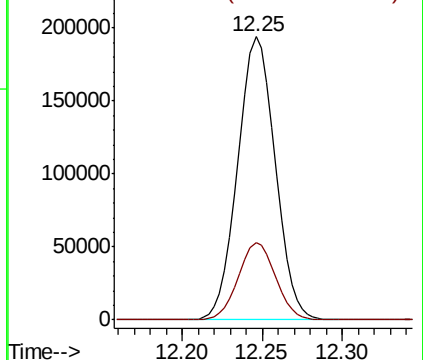


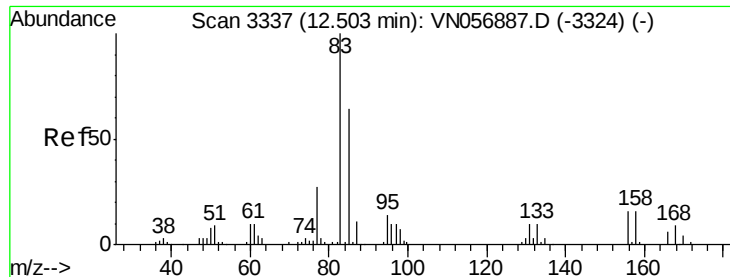
#70
Isopropylbenzene
Concen: 20.604 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion:105 Resp: 309287
Ion Ratio Lower Upper
105 100
120 27.3 18.7 34.7



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

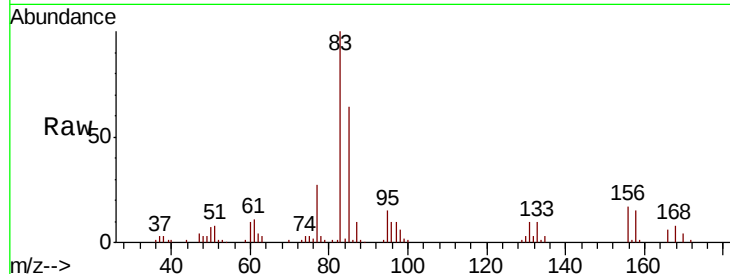




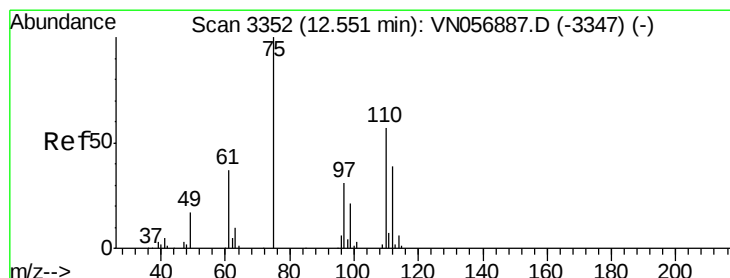
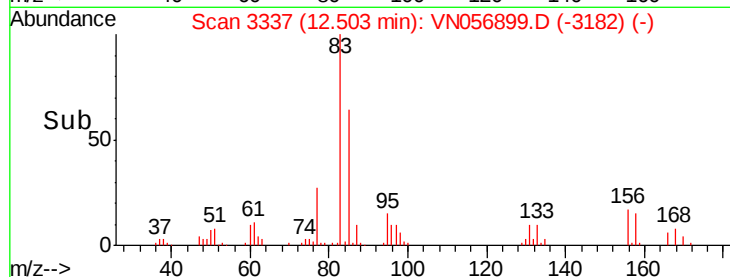
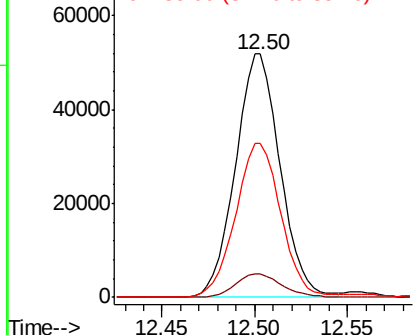
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.662 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBSD01

Tot Ion: 83 Resp: 86874
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.2
 85 64.0 31.8 95.4

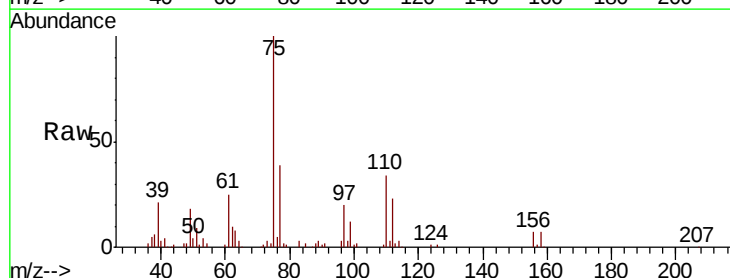


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

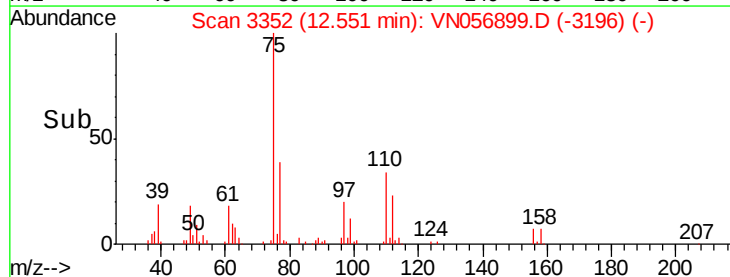
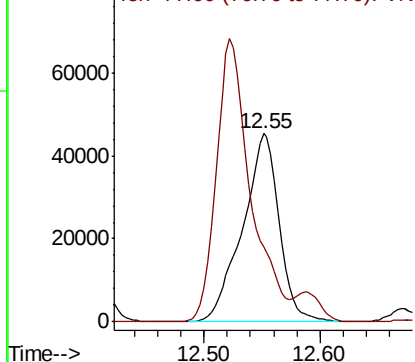


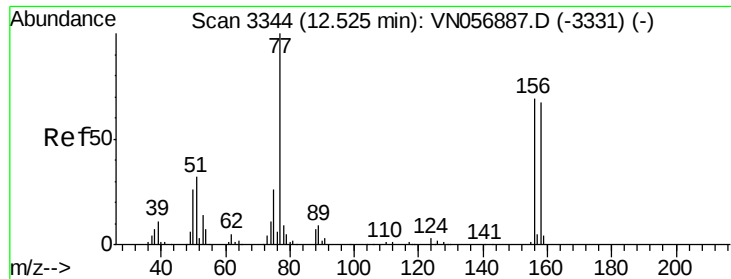
#72
 1,2,3-Trichloropropane
 Concen: 27.105 ug/l
 RT: 12.55 min Scan# 3352
 Delta R.T. 0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Tgt Ion: 75 Resp: 100269
 Ion Ratio Lower Upper
 75 100
 77 140.4 0.0 378.6



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





#73

Bromobenzene

Concen: 19.841 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

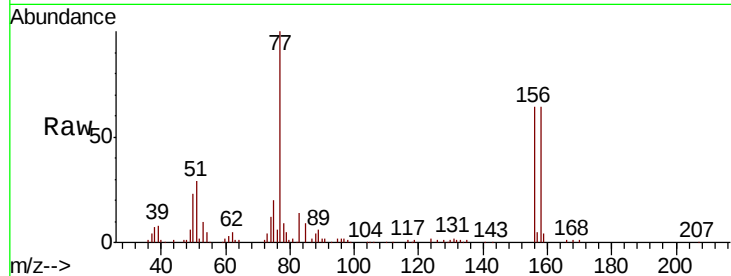
Tot Ion:156 Resp: 76857

Ion Ratio Lower Upper

156 100

77 183.2 0.0 364.6

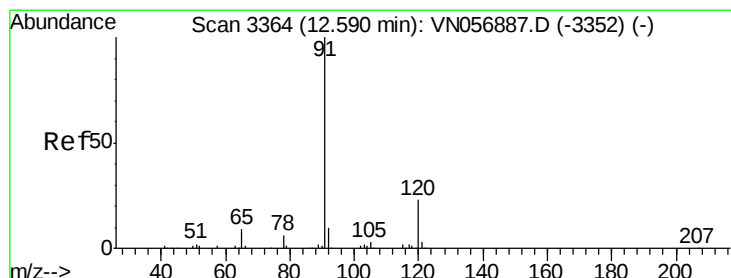
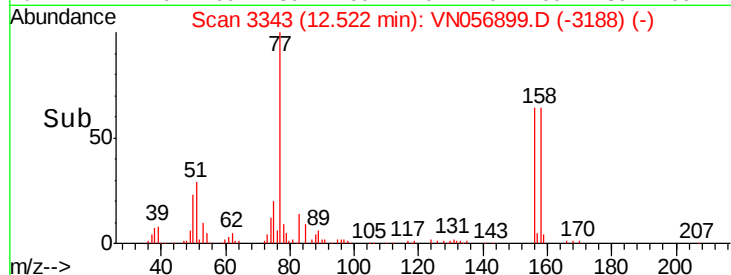
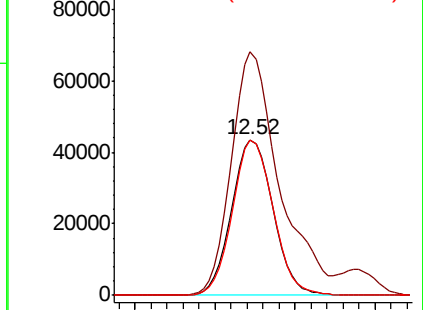
158 98.2 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.030 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056899.D

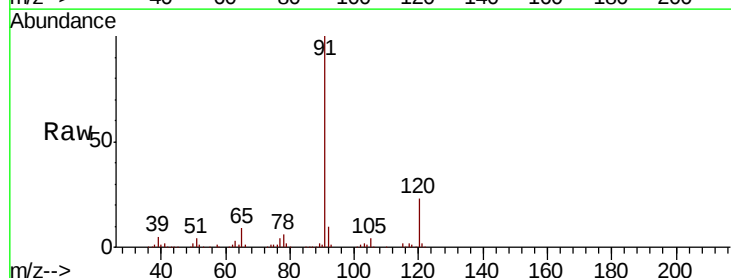
Acq: 24 Jul 2019 1:30

Tgt Ion: 91 Resp: 328761

Ion Ratio Lower Upper

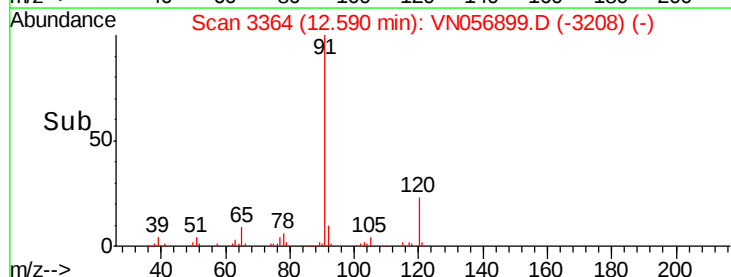
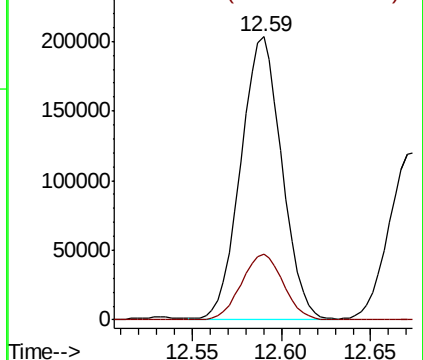
91 100

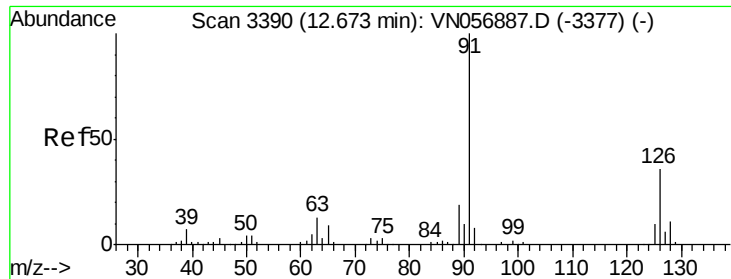
120 23.5 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

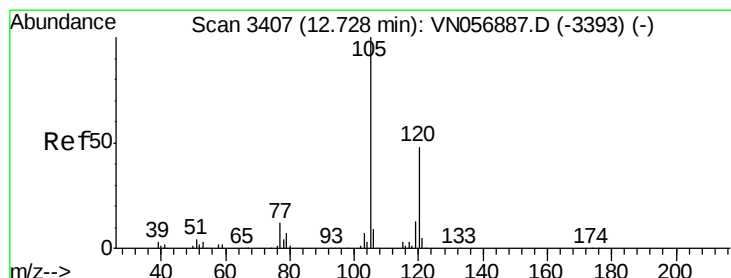
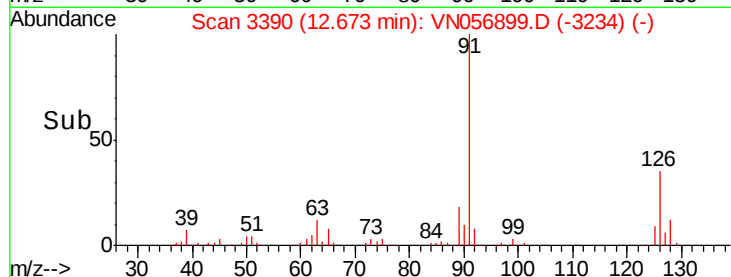
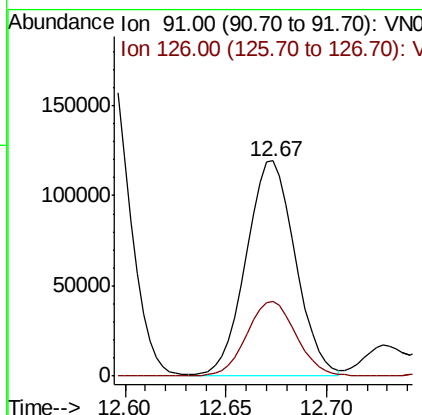
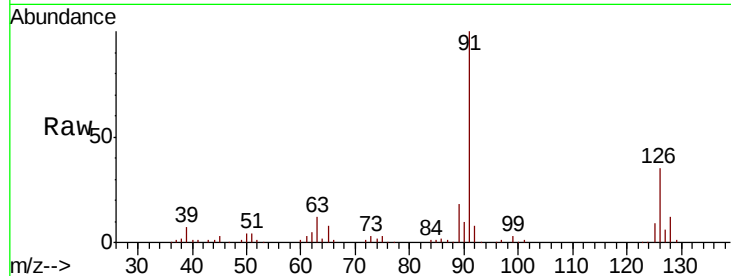




#75
 2-Chlorotoluene
 Concen: 20.511 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

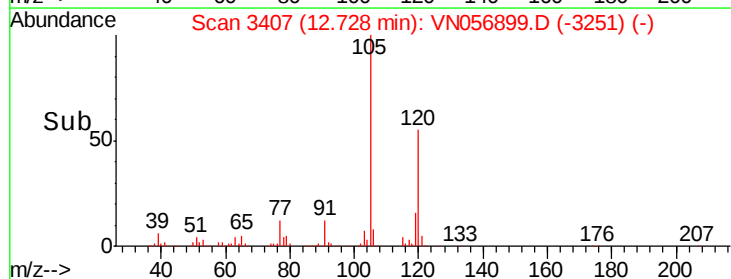
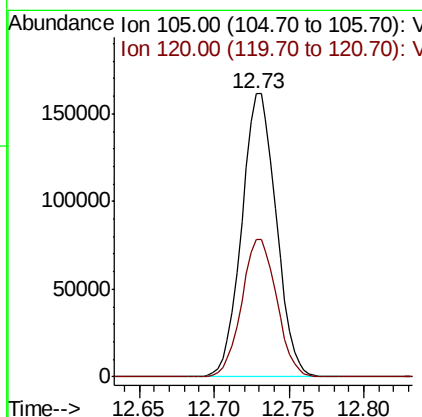
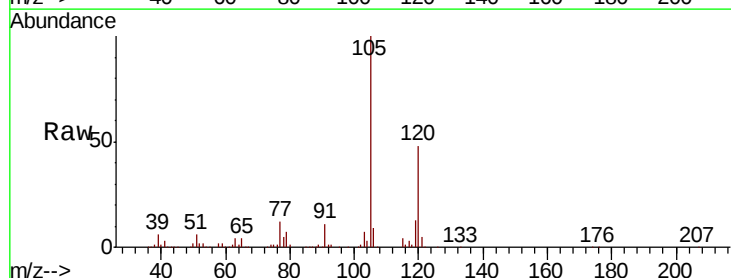
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBSD01

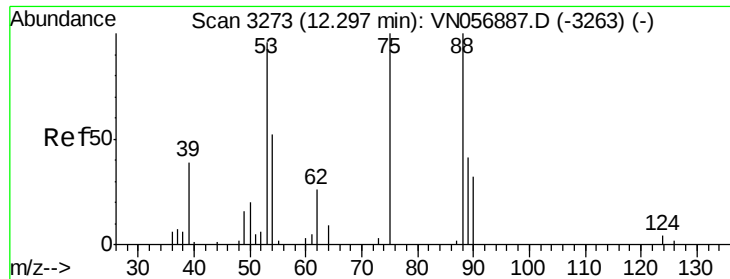
Tot Ion: 91 Resp: 204105
 Ion Ratio Lower Upper
 91 100
 126 34.8 0.0 70.8



#76
 1,3,5-Trimethylbenzene
 Concen: 20.535 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Tgt Ion: 105 Resp: 259510
 Ion Ratio Lower Upper
 105 100
 120 49.1 0.0 97.2





#77

t-1,4-Dichloro-2-butene

Concen: 16.497 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

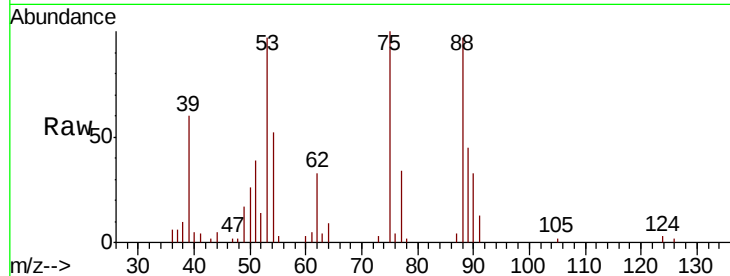
Tot Ion: 75 Resp: 19161

Ion Ratio Lower Upper

75 100

53 97.1 48.0 144.0

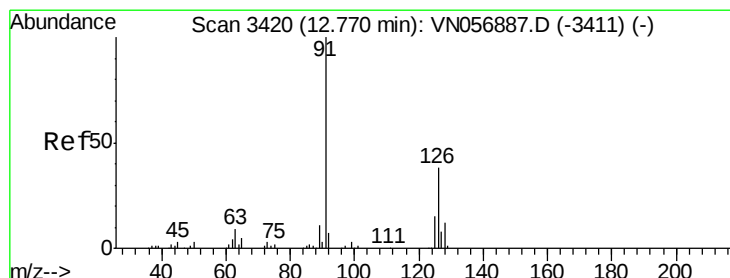
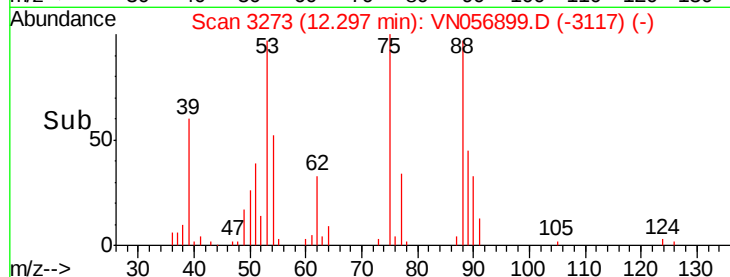
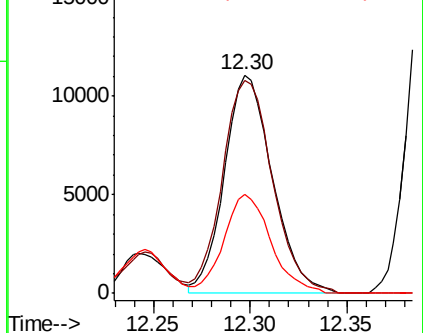
89 45.0 21.4 64.3



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.678 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056899.D

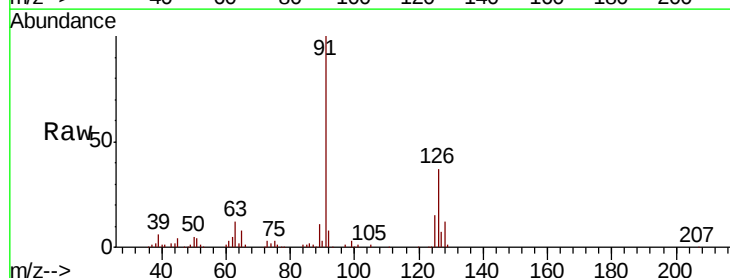
Acq: 24 Jul 2019 1:30

Tgt Ion: 91 Resp: 186141

Ion Ratio Lower Upper

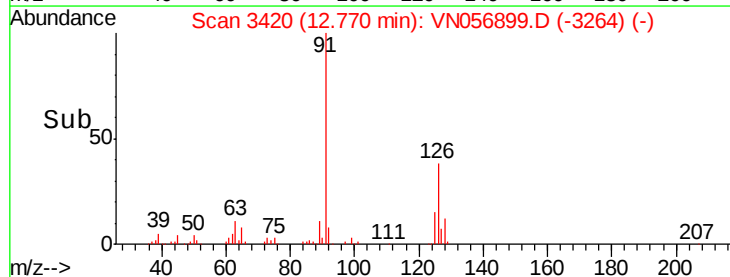
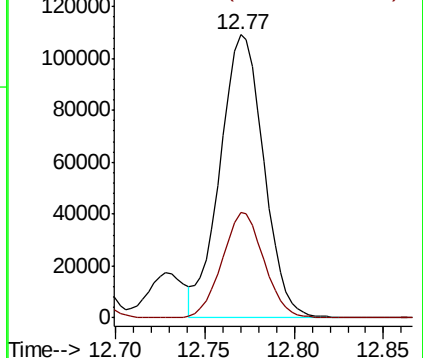
91 100

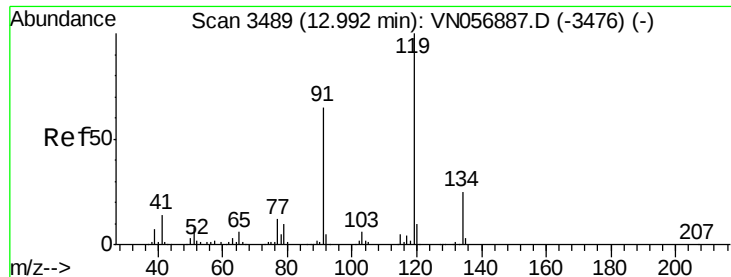
126 35.5 0.0 69.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

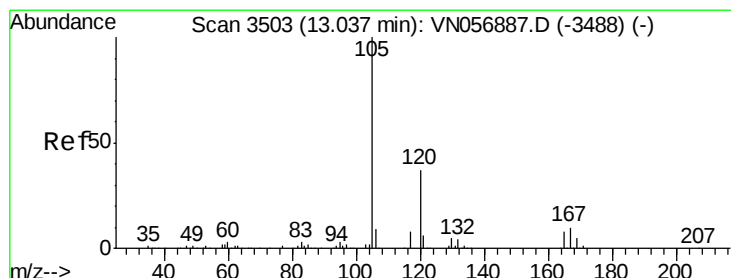
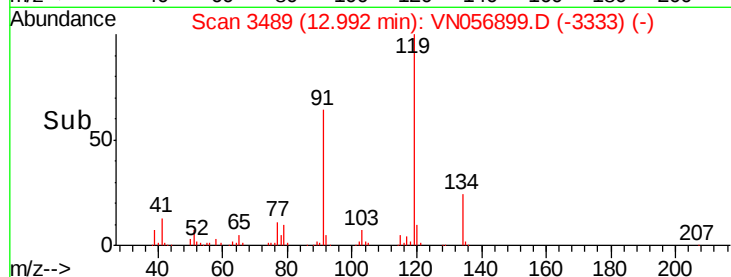
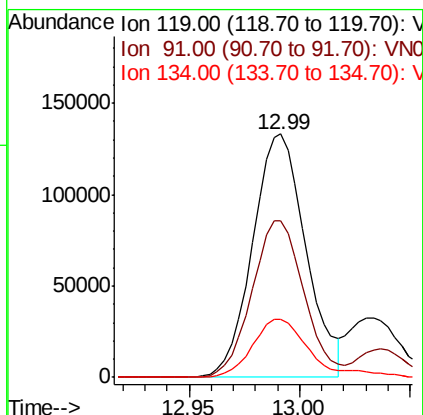
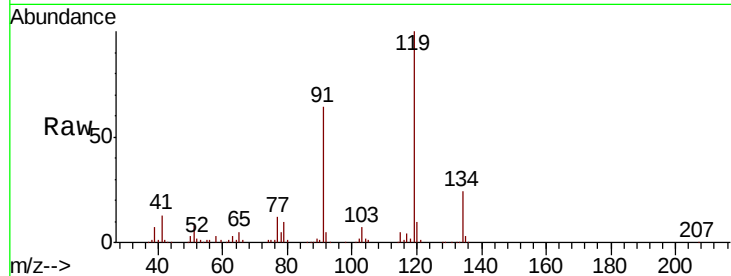




#79
tert-butylbenzene
Concen: 20.471 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

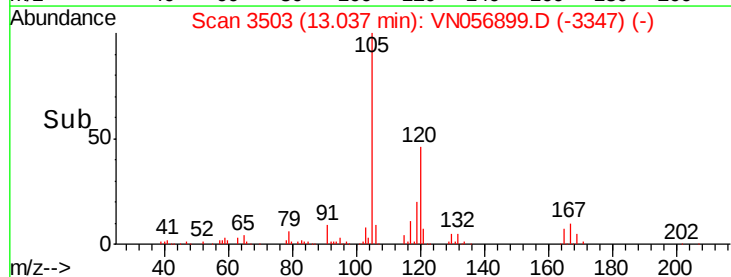
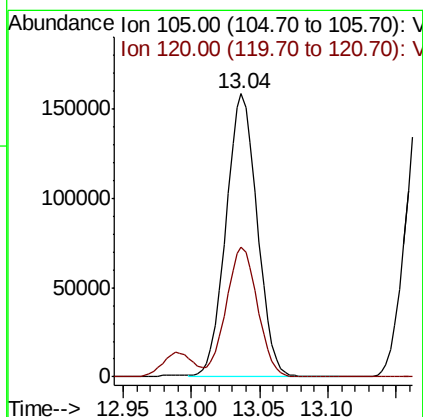
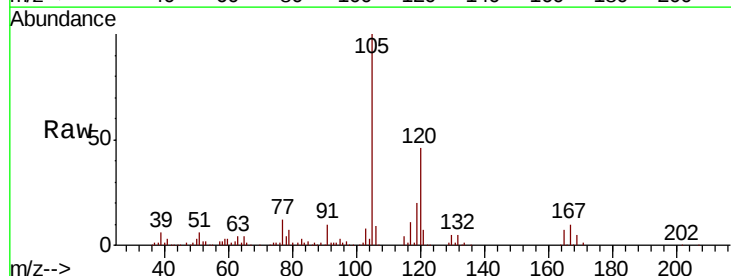
Instrument :
MSVOA_N
ClientSampled :
VN0724WBSD01

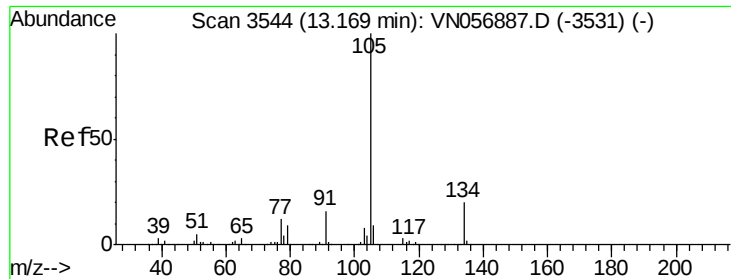
Tot Ion:119 Resp: 223236
Ion Ratio Lower Upper
119 100
91 63.3 0.0 126.8
134 24.1 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 20.489 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion:105 Resp: 252418
Ion Ratio Lower Upper
105 100
120 46.1 0.0 90.6





#81

sec-Butylbenzene

Concen: 19.967 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

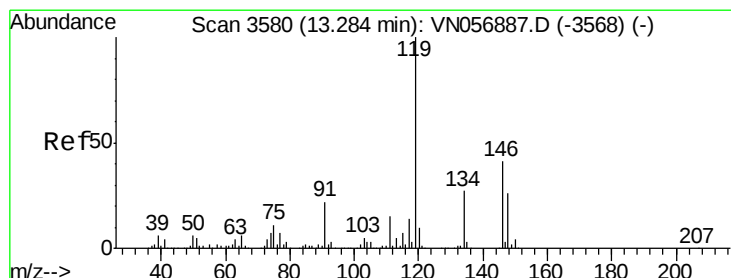
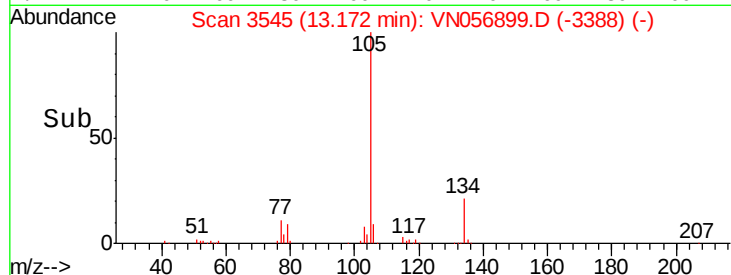
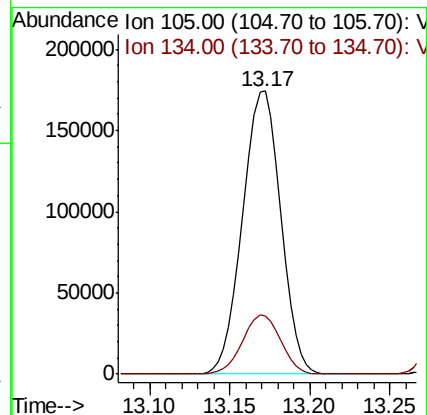
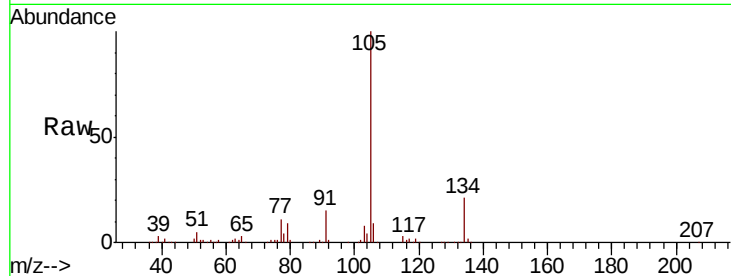
VN0724WBSD01

Tot Ion:105 Resp: 284271

Ion Ratio Lower Upper

105 100

134 20.7 0.0 41.2



#82

p-Isopropyltoluene

Concen: 19.824 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

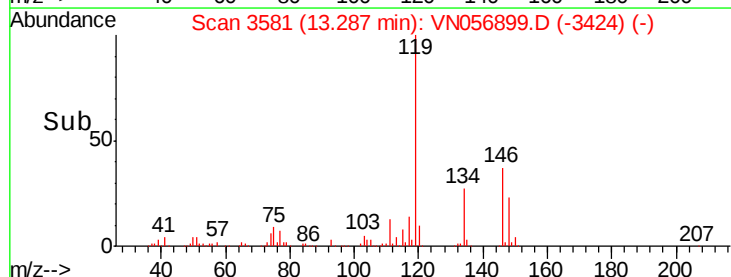
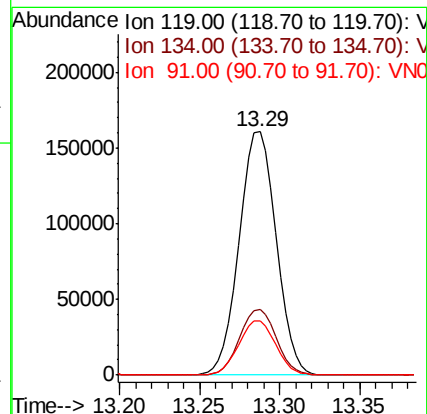
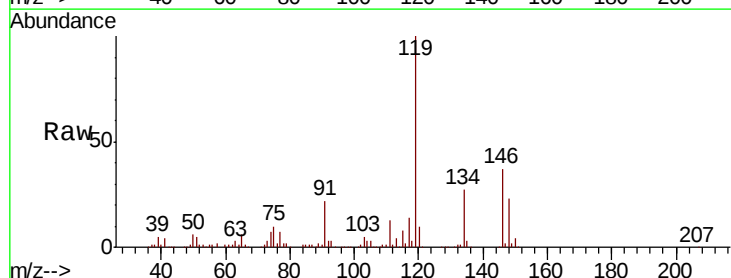
Tgt Ion:119 Resp: 253482

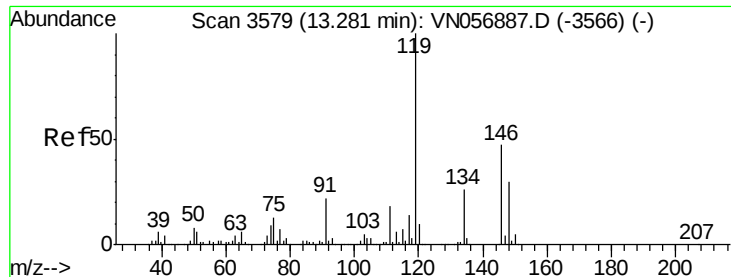
Ion Ratio Lower Upper

119 100

134 26.6 0.0 53.2

91 22.4 0.0 44.0

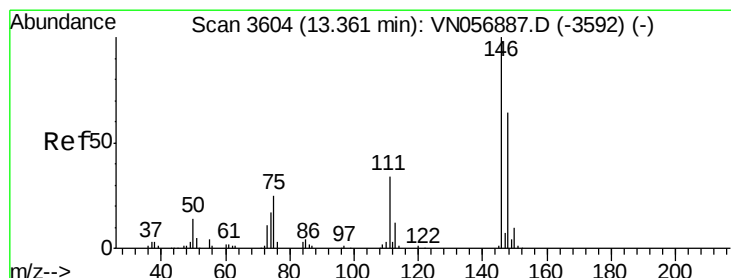
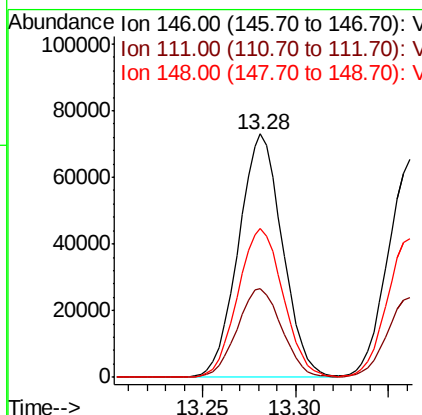
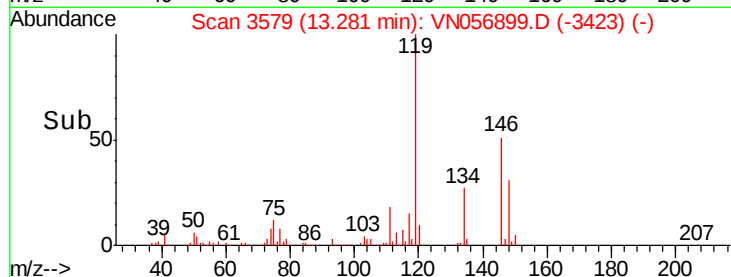
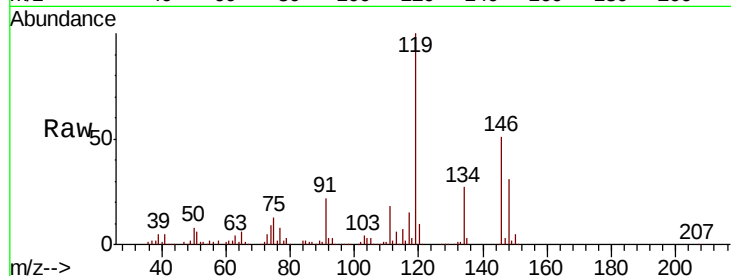




#83
 1,3-Dichlorobenzene
 Concen: 19.741 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

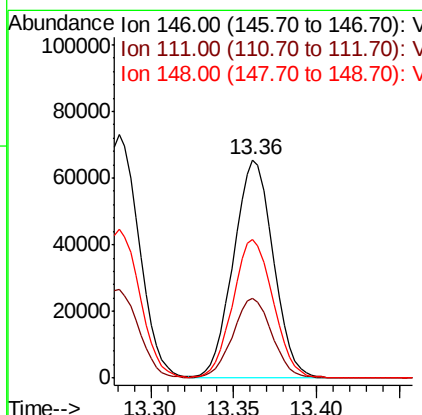
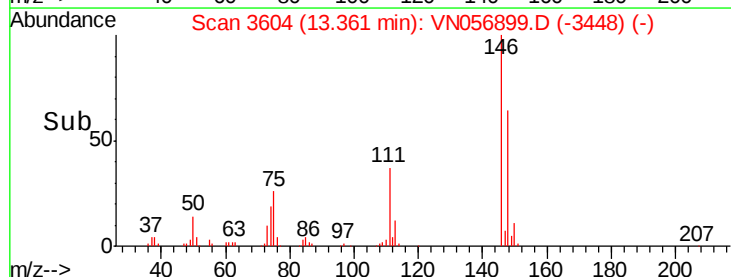
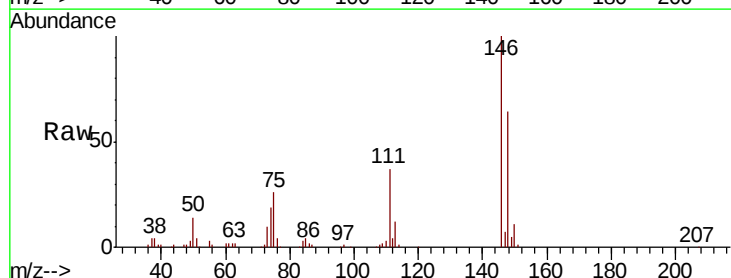
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBSD01

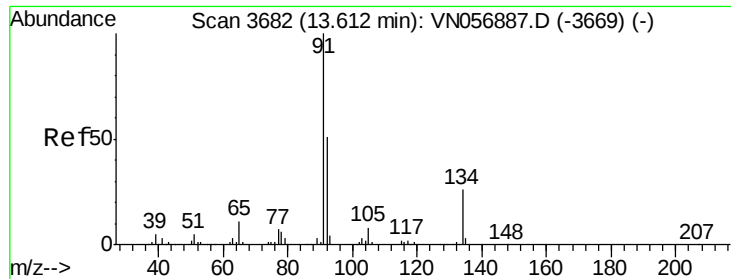
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.4
148	62.8	31.7	95.1



#84
 1,4-Dichlorobenzene
 Concen: 19.058 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.8	53.5
148	64.2	32.6	97.7

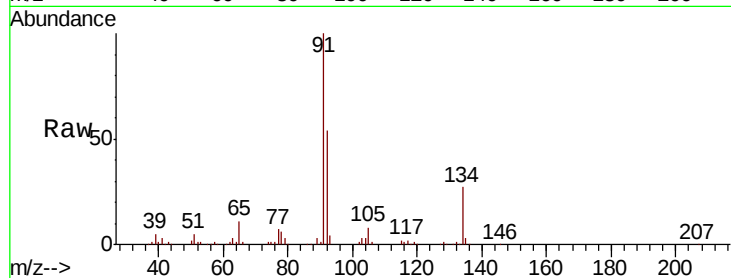




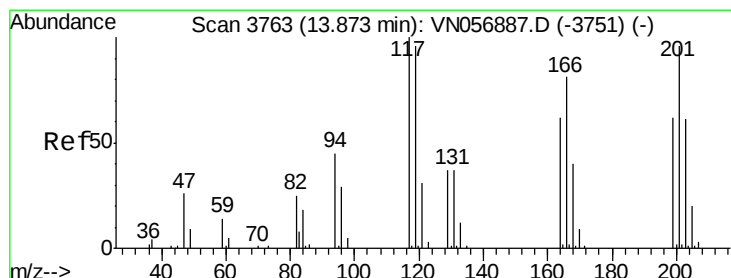
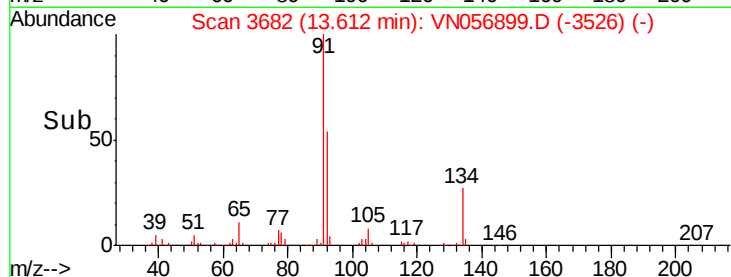
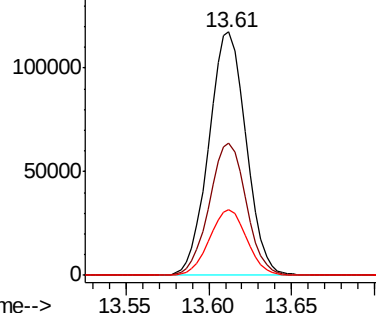
#85
n-Butylbenzene
Concen: 18.271 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBSD01

Tot Ion: 91 Resp: 183449
Ion Ratio Lower Upper
91 100
92 53.9 0.0 101.8
134 26.9 0.0 52.4

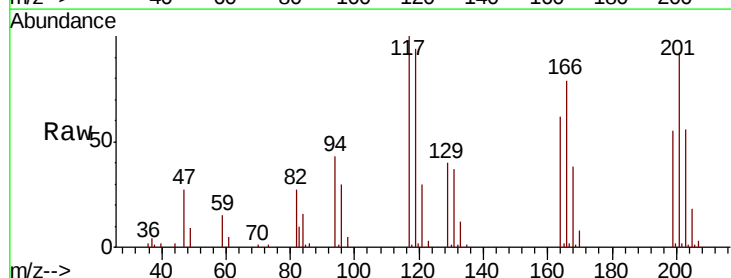


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

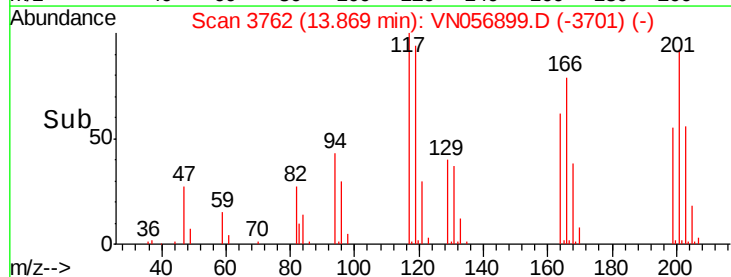
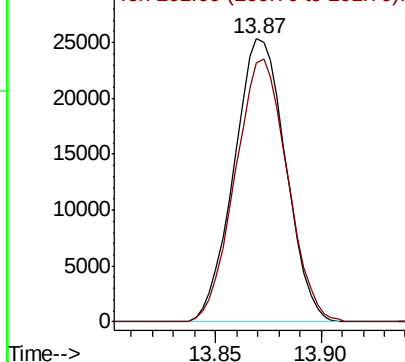


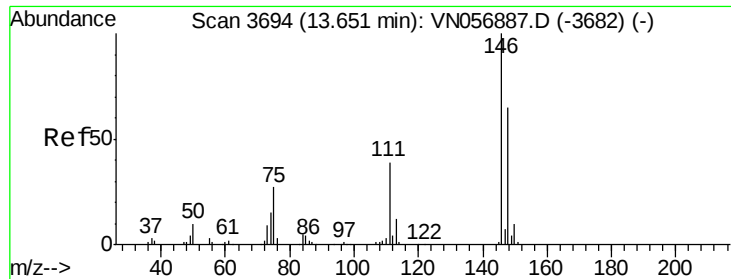
#86
Hexachloroethane
Concen: 20.126 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN056899.D
Acq: 24 Jul 2019 1:30

Tgt Ion: 117 Resp: 43067
Ion Ratio Lower Upper
117 100
201 93.7 47.8 143.3



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V

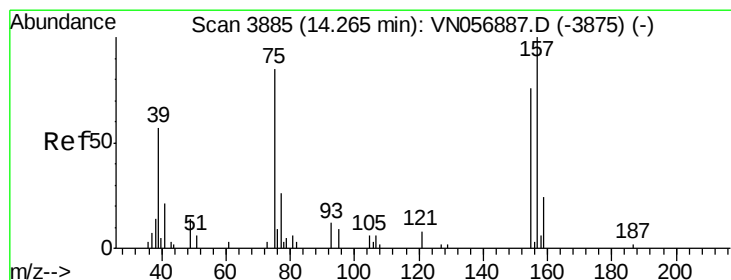
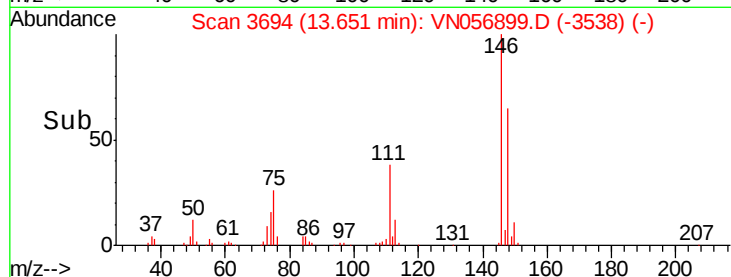
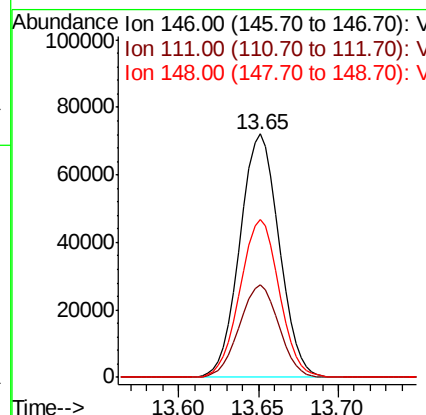
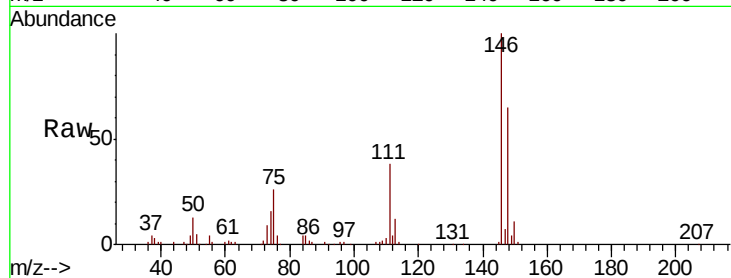




#87
 1,2-Dichlorobenzene
 Concen: 19.985 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

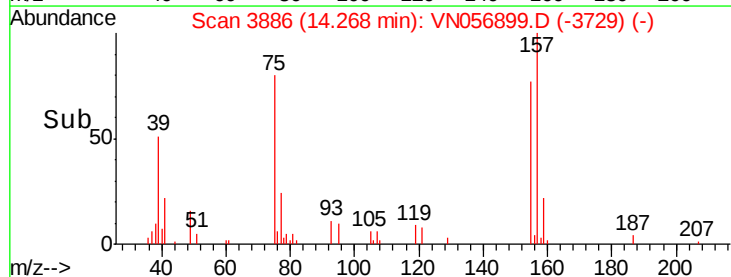
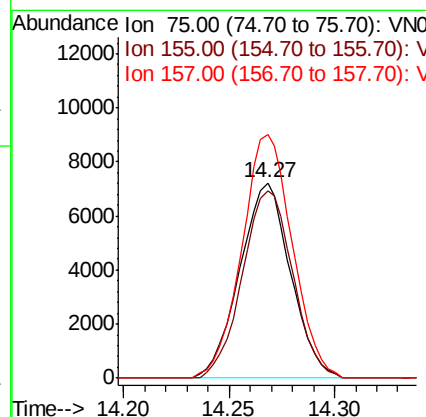
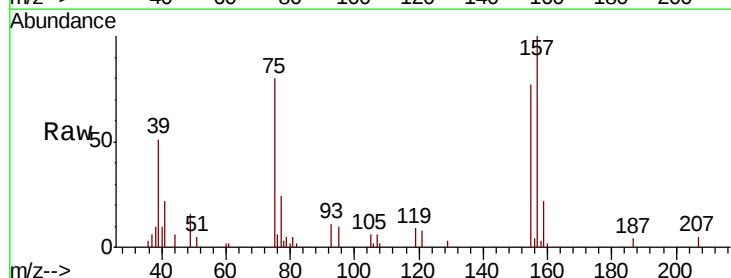
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBSD01

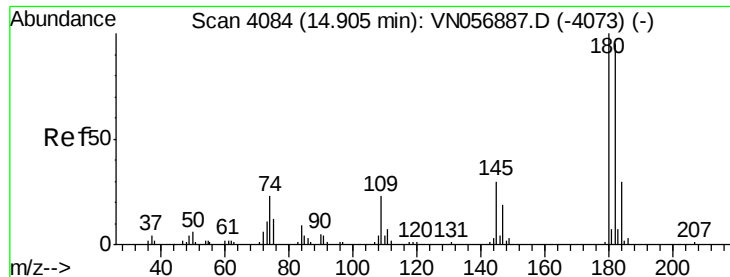
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.6	58.8
148	64.7	32.5	97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.570 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	73.4	110.2
157	124.0	95.0	142.6

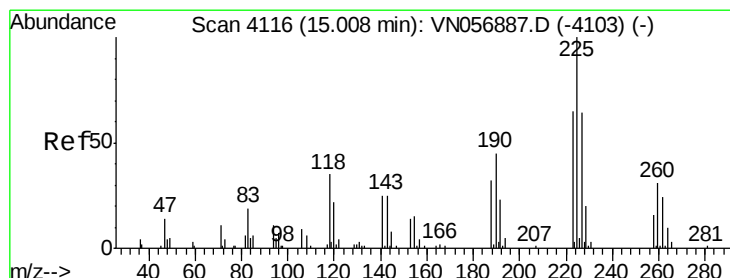
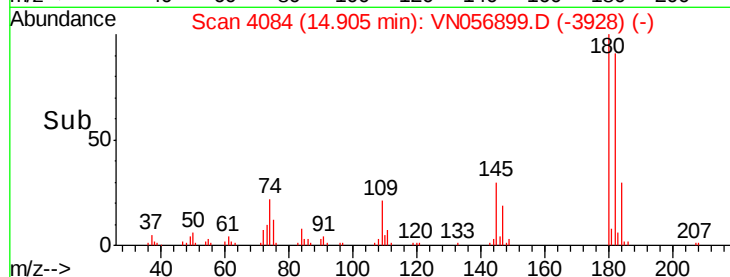
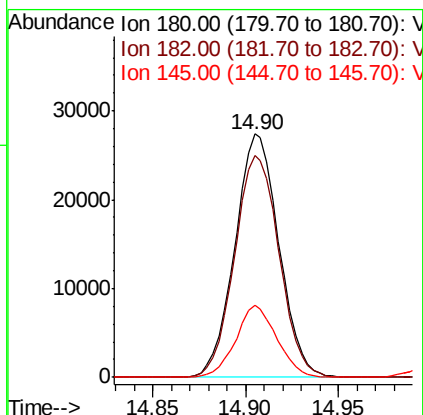
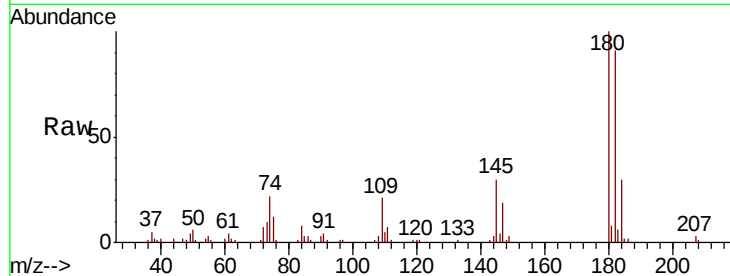




#89
 1,2,4-Trichlorobenzene
 Concen: 18.871 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

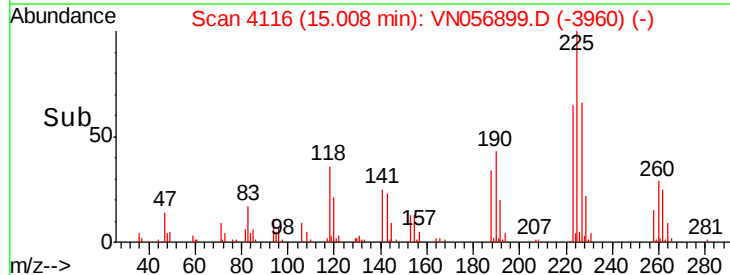
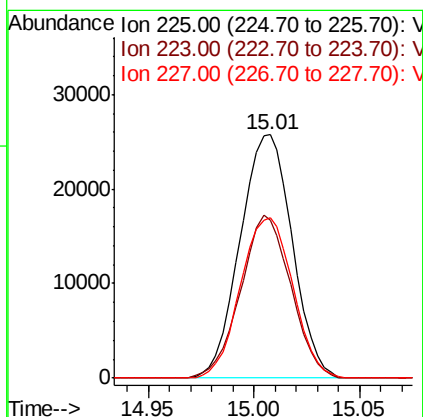
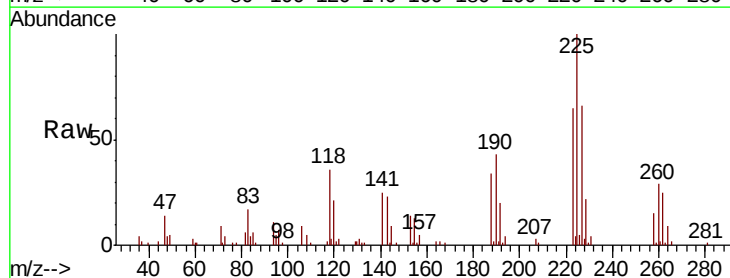
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBSD01

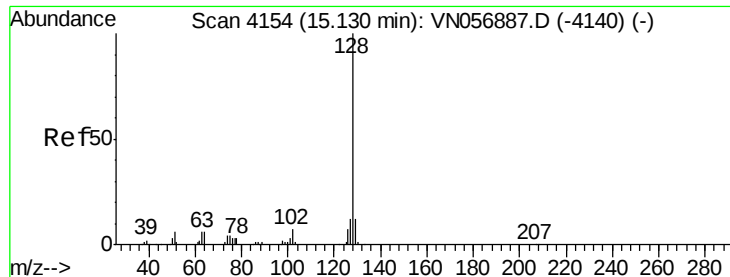
Tot Ion:180 Resp: 45287
 Ion Ratio Lower Upper
 180 100
 182 92.0 77.0 115.4
 145 27.6 23.5 35.3



#90
 Hexachlorobutadiene
 Concen: 19.846 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056899.D
 Acq: 24 Jul 2019 1:30

Tgt Ion:225 Resp: 44191
 Ion Ratio Lower Upper
 225 100
 223 64.5 0.0 130.0
 227 66.2 0.0 127.2





#91

Naphthalene

Concen: 18.284 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBSD01

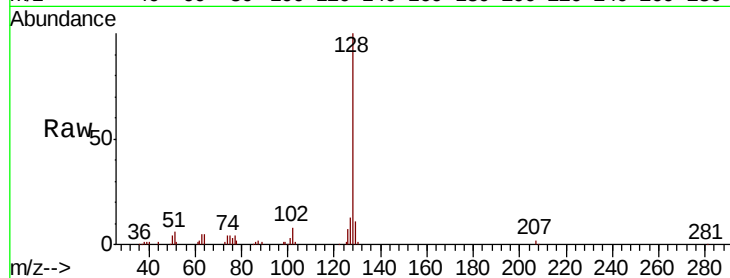
Tot Ion:128 Resp: 113590

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

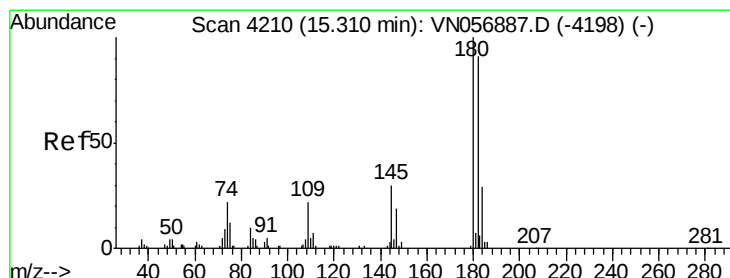
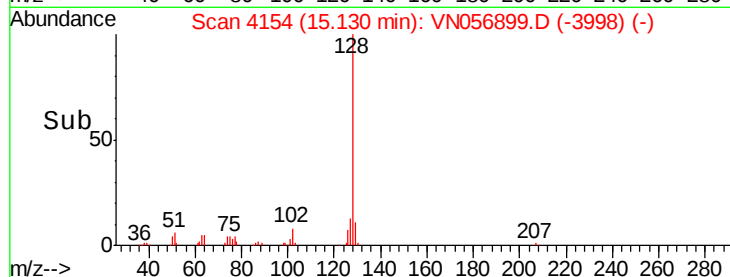
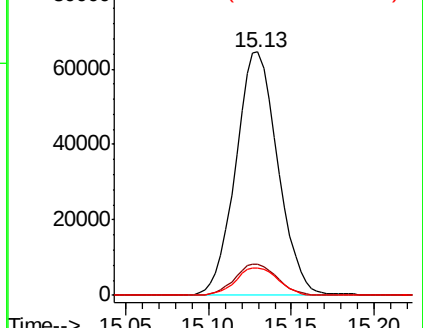
129 11.4 8.9 13.3



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: 16.776 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056899.D

Acq: 24 Jul 2019 1:30

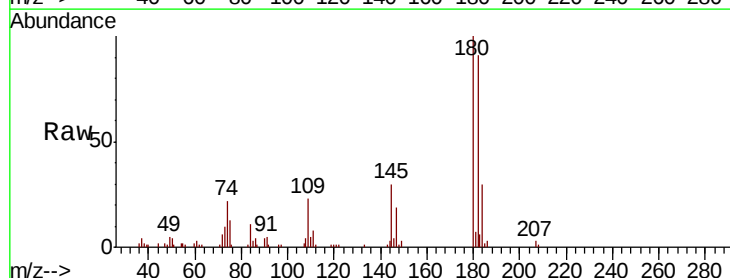
Tgt Ion:180 Resp: 53727

Ion Ratio Lower Upper

180 100

182 91.3 0.0 188.0

145 30.0 0.0 61.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

