

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070319\
 Data File : VN056580.D
 Acq On : 3 Jul 2019 11:06
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

Quant Time: Jul 03 11:26:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 11:05:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	50615	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	291135	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	251873	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	106377	30.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.63%
60) 4-Bromofluorobenzene	12.40	95	115706	29.90	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.67%
63) Toluene-d8	10.09	98	352635	30.13	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.43%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	51566	20.316	ug/l 98
3) Chloromethane	2.06	50	70877	19.240	ug/l 100
4) Vinyl Chloride	2.19	62	70817	20.425	ug/l 98
5) Bromomethane	2.53	94	39605	21.409	ug/l 97
6) Chloroethane	2.68	64	38183	19.886	ug/l 94
7) Trichlorofluoromethane	3.00	101	89977	20.217	ug/l 97
8) Diethyl Ether	3.41	74	38018	20.139	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	55727	19.762	ug/l 95
10) 1,1-Dichloroethene	3.73	96	55271	19.977	ug/l 95
11) Methyl Iodide	3.95	142	86588	21.885	ug/l 99
12) Methyl Acetate	4.33	43	72610	19.460	ug/l 96
13) Acrolein	3.61	56	36422	99.976	ug/l 100
14) Acrylonitrile	4.99	53	163174	99.598	ug/l 97
15) Acetone	3.82	58	46002	100.634	ug/l 95
16) Carbon Disulfide	4.05	76	137505	20.669	ug/l 100
17) Allyl chloride	4.32	41	93574	19.326	ug/l 96
18) Methylene Chloride	4.55	84	65011	19.874	ug/l 93
19) trans-1,2-Dichloroethene	5.04	96	59842	19.942	ug/l 87
20) Diisopropyl ether	5.95	45	201605	20.154	ug/l 97
21) 1,1-Dichloroethane	5.85	63	111726	19.800	ug/l 100
22) cis-1,2-Dichloroethene	6.83	96	70043	19.849	ug/l 94
23) tert-Butyl Alcohol	4.80	59	62836	102.530	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	183806	20.086	ug/l 100
25) Chloroform	7.37	83	109323	19.766	ug/l 100
26) Cyclohexane	7.65	56	102476	19.717	ug/l # 99
29) 1,1-Dichloropropene	7.79	75	84089	19.560	ug/l 98
30) 2-Butanone	6.84	43	231256	97.031	ug/l 98
31) 2,2-Dichloropropane	6.82	77	77637	18.781	ug/l # 75
32) 1,1,1-Trichloroethane	7.57	97	86805	18.940	ug/l 99
33) Carbon Tetrachloride	7.77	117	72367	18.626	ug/l 96
34) Benzene	8.04	78	257509	19.155	ug/l 98
35) Methacrylonitrile	7.21	41	130803	61.800	ug/l # 49
36) 1,2-Dichloroethane	8.12	62	84682	19.381	ug/l # 86
37) Trichloroethene	8.84	130	67248	19.180	ug/l 91
38) Methylcyclohexane	9.08	83	105239	19.533	ug/l 99
39) 1,2-Dichloropropane	9.12	63	69504	19.206	ug/l 95
40) Dibromomethane	9.21	93	42969	19.208	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	76014	18.334	ug/l	99
42) Vinyl Acetate	5.90	43	825273	97.249	ug/l	98
43) Ethyl Acetate	6.93	43	88228	19.137	ug/l	100
44) Isopropyl Acetate	8.17	43	135025	18.772	ug/l #	83
45) 1,4-Dioxane	9.21	88	27066	384.562	ug/l	90
46) Methyl methacrylate	9.20	41	66137	18.713	ug/l	95
47) n-amyl Acetate	12.07	43	112289	18.781	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	83898	18.881	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	97103	18.946	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	63346	19.222	ug/l	97
51) Ethyl methacrylate	10.43	69	100005	19.268	ug/l	98
52) 1,3-Dichloropropane	10.71	76	106836	19.078	ug/l	98
53) Dibromochloromethane	10.90	129	59853	18.530	ug/l	98
54) 1,2-Dibromoethane	11.00	107	65761	19.151	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	261525	98.883	ug/l	98
56) Bromoform	12.13	173	41856	17.834	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	448031	98.933	ug/l	97
59) 2-Hexanone	10.75	43	329937	98.182	ug/l	98
61) Tetrachloroethene	10.63	164	64824	20.505	ug/l	95
62) Toluene	10.16	91	274345	19.516	ug/l	98
64) Chlorobenzene	11.43	112	167016	19.721	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	59670	19.564	ug/l	97
66) Ethyl Benzene	11.51	91	295403	19.381	ug/l	100
67) m/p-Xylenes	11.62	106	221765	39.425	ug/l	94
68) o-Xylene	11.95	106	107290	19.287	ug/l	93
69) Styrene	11.96	104	178460	19.282	ug/l	98
70) Isopropylbenzene	12.25	105	287477	19.807	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.50	83	93356	19.456	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	108798	26.962	ug/l	69
73) Bromobenzene	12.53	156	72976	19.495	ug/l	90
74) n-propylbenzene	12.59	91	322905	19.610	ug/l	97
75) 2-Chlorotoluene	12.67	91	194172	19.720	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	242012	19.691	ug/l	97
77) t-1,4-Dichloro-2-butene	12.30	75	23025	17.814	ug/l	96
78) 4-Chlorotoluene	12.77	91	189099	19.747	ug/l	98
79) tert-butylbenzene	12.99	119	205245	19.546	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	239368	19.719	ug/l	98
81) sec-Butylbenzene	13.17	105	275479	19.783	ug/l	98
82) p-Isopropyltoluene	13.29	119	246823	19.715	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	122768	19.749	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	121112	20.197	ug/l	99
85) n-Butylbenzene	13.61	91	203807	19.371	ug/l	97
86) Hexachloroethane	13.87	117	35629	18.874	ug/l	95
87) 1,2-Dichlorobenzene	13.65	146	126281	20.004	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	16311	18.970	ug/l	87
89) 1,2,4-Trichlorobenzene	14.91	180	74112	21.240	ug/l	99
90) Hexachlorobutadiene	15.01	225	44288	20.430	ug/l	98
91) Naphthalene	15.13	128	220365	22.505	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	82929	22.641	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 11:05:14 2019
Response via : Initial Calibration

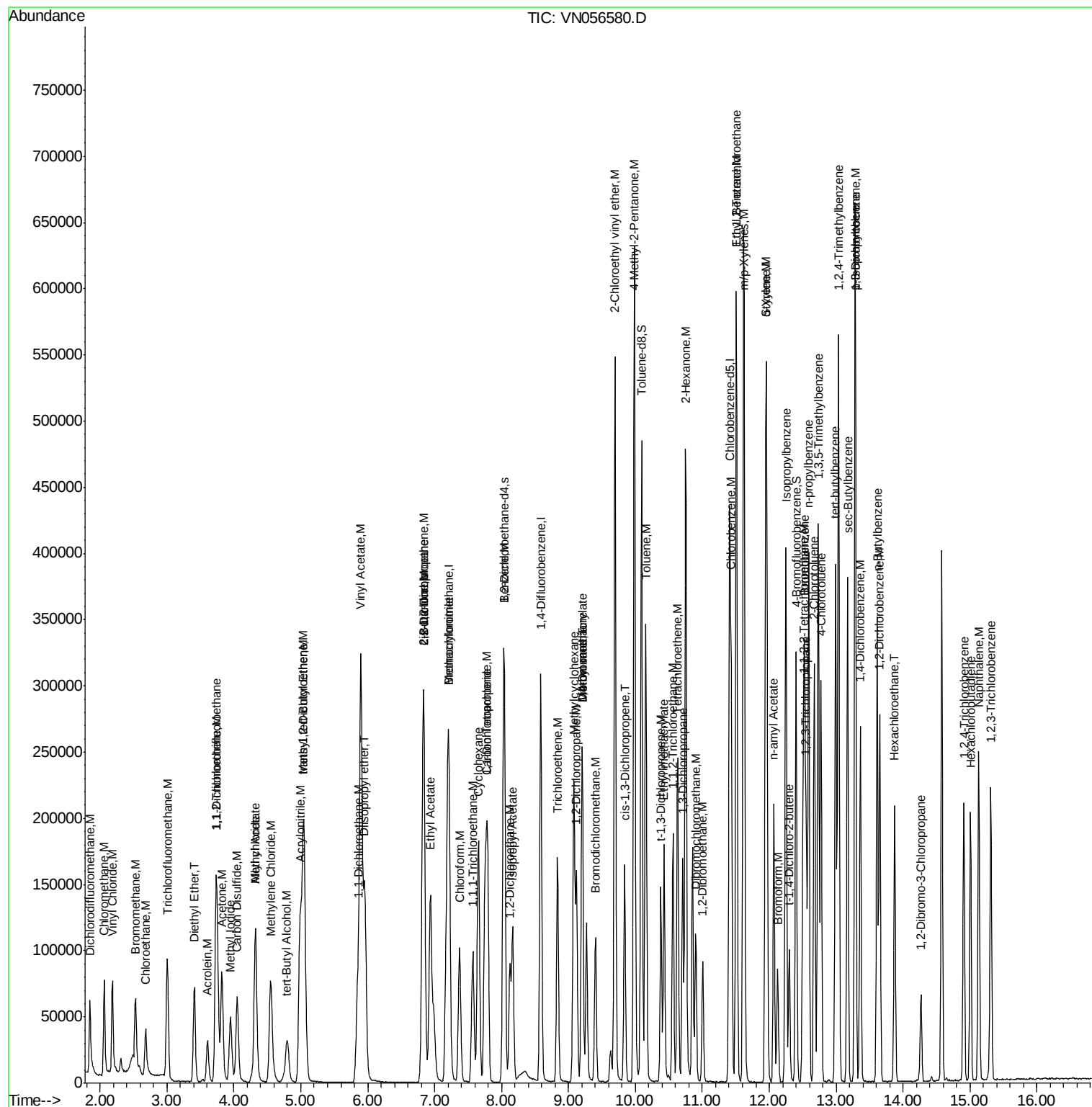
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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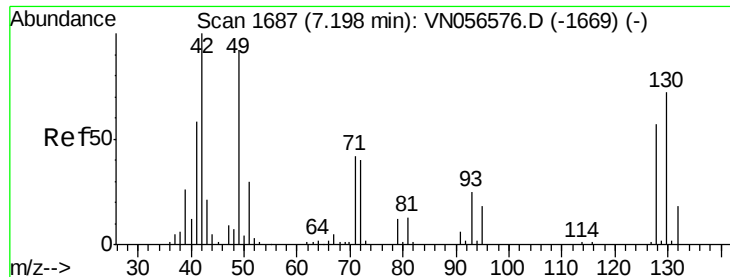
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 03 11:26:34 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070319

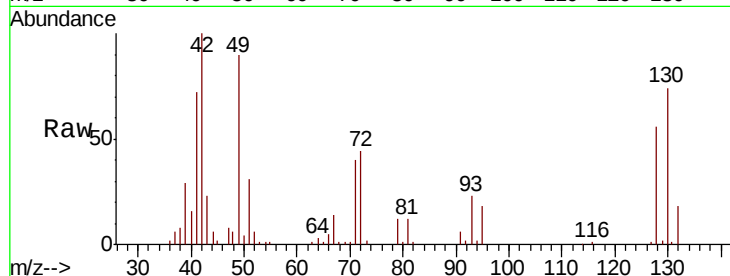
Tgt Ion:128 Resp: 50615

Ion Ratio Lower Upper

128 100

49 163.0 0.0 355.8

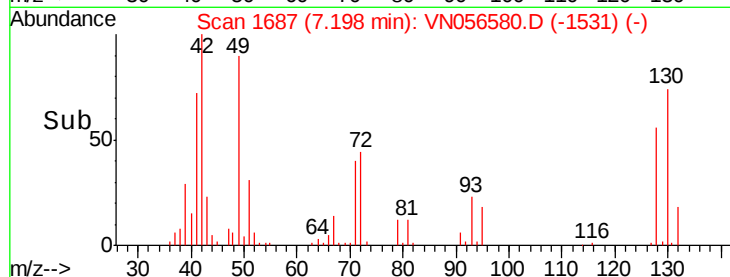
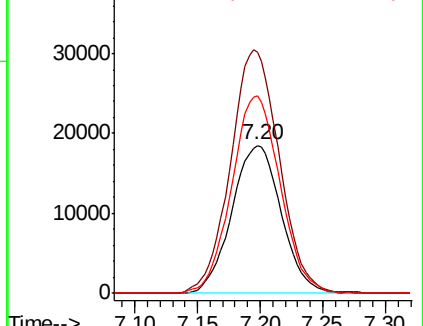
130 131.2 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.316 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056580.D

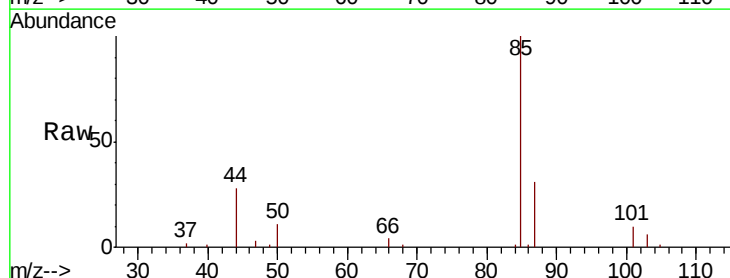
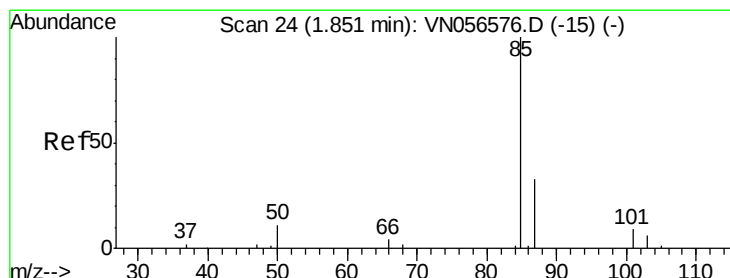
Acq: 3 Jul 2019 11:06

Tgt Ion: 85 Resp: 51566

Ion Ratio Lower Upper

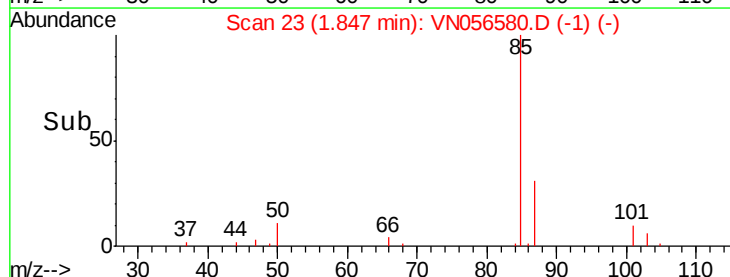
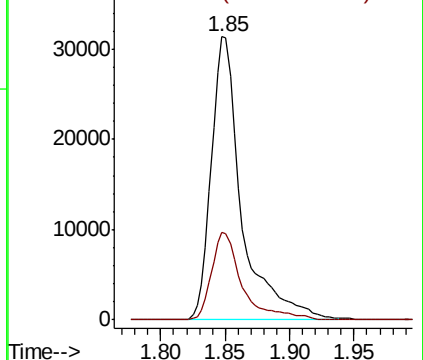
85 100

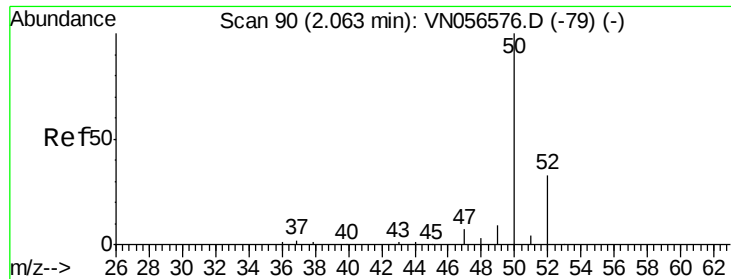
87 30.8 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.240 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

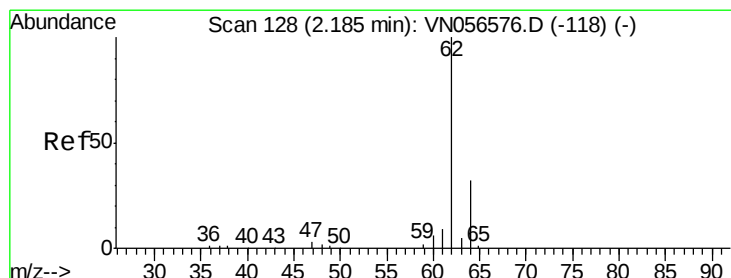
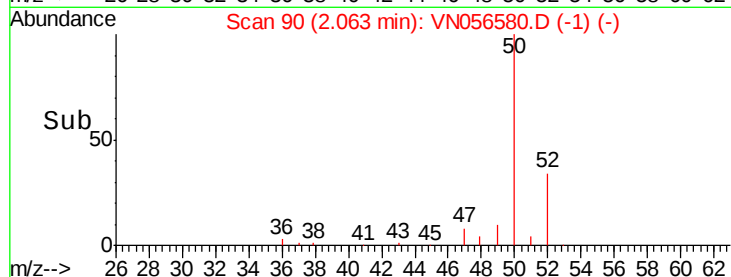
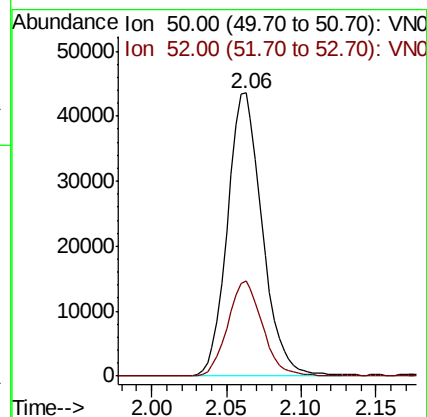
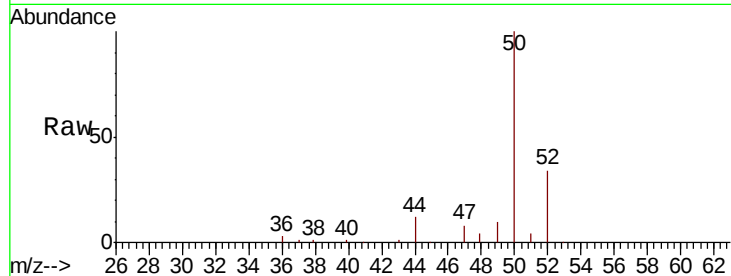
ICVVN070319

Tgt Ion: 50 Resp: 70877

Ion Ratio Lower Upper

50 100

52 33.6 26.7 40.1



#4

Vinyl Chloride

Concen: 20.425 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056580.D

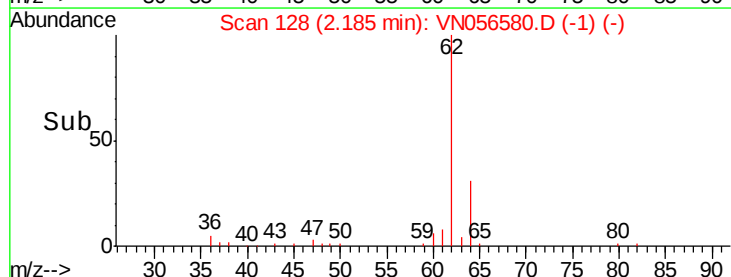
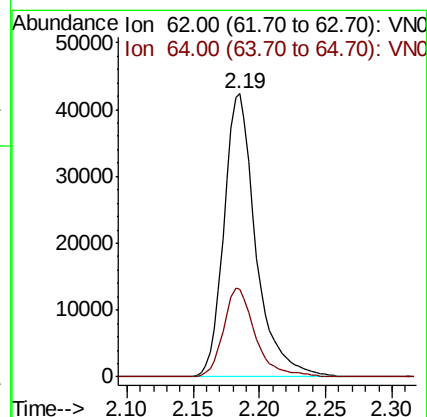
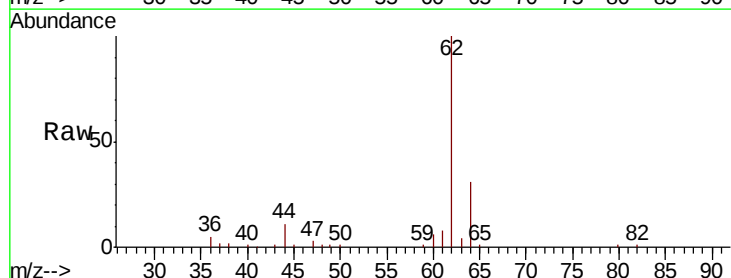
Acq: 3 Jul 2019 11:06

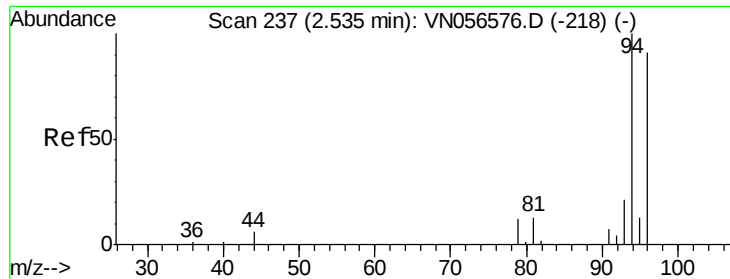
Tgt Ion: 62 Resp: 70817

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.8

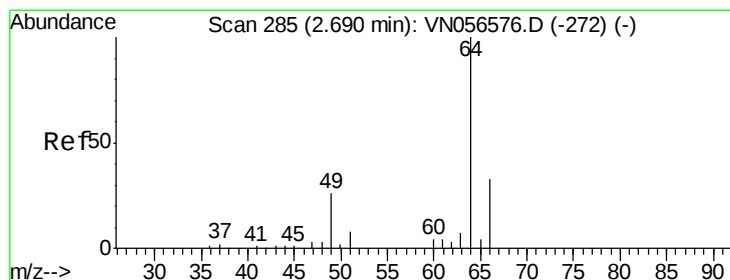
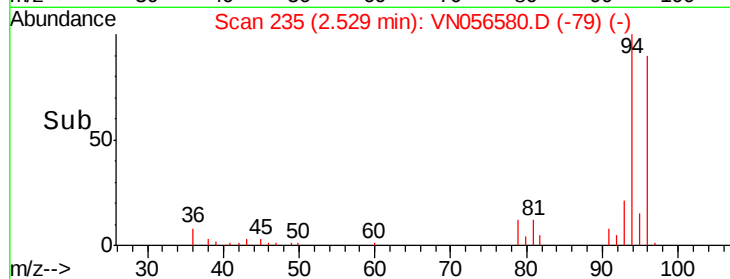
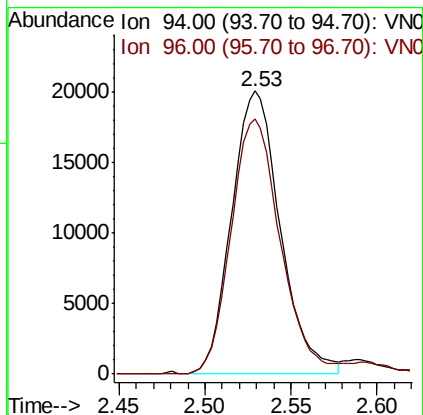
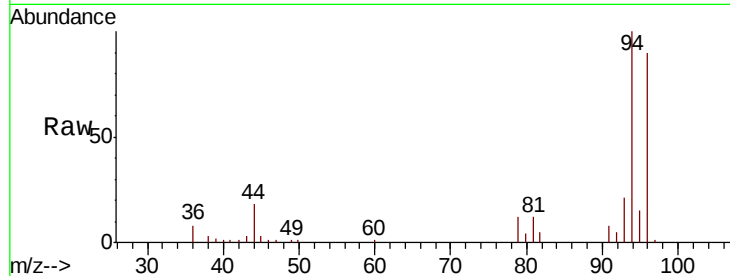




#5
Bromomethane
Concen: 21.409 ug/l
RT: 2.53 min Scan# 235
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

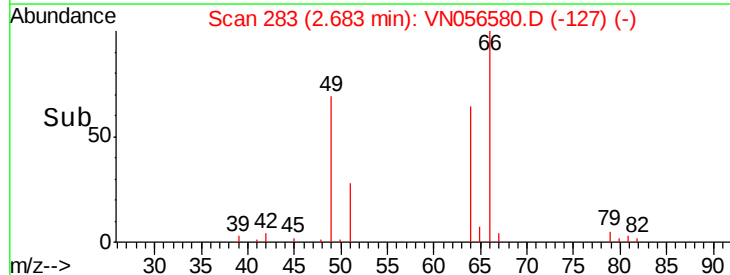
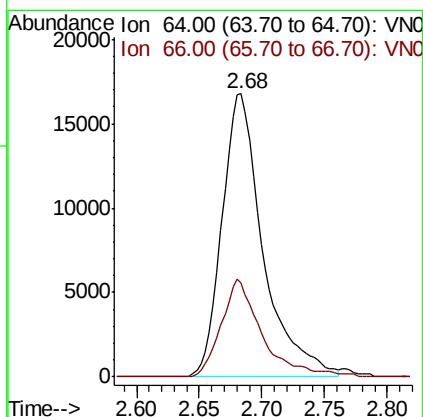
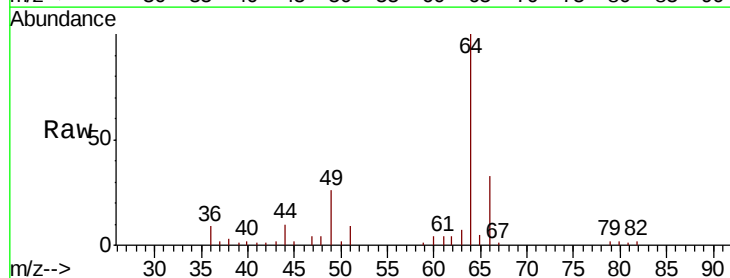
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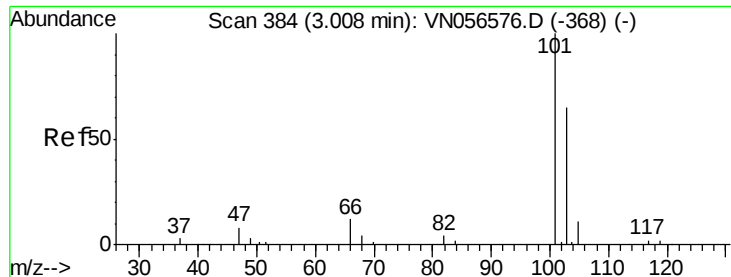
Tgt Ion: 94 Resp: 39605
Ion Ratio Lower Upper
94 100
96 90.0 74.1 111.1



#6
Chloroethane
Concen: 19.886 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion: 64 Resp: 38183
Ion Ratio Lower Upper
64 100
66 33.0 23.7 35.5



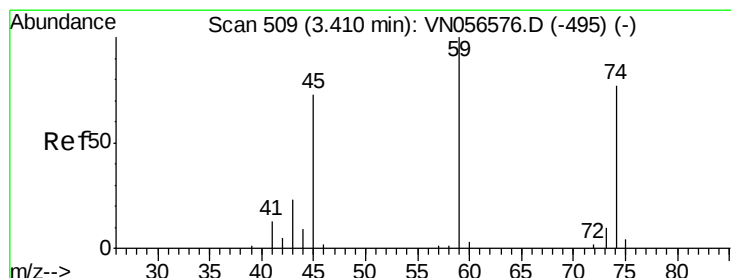
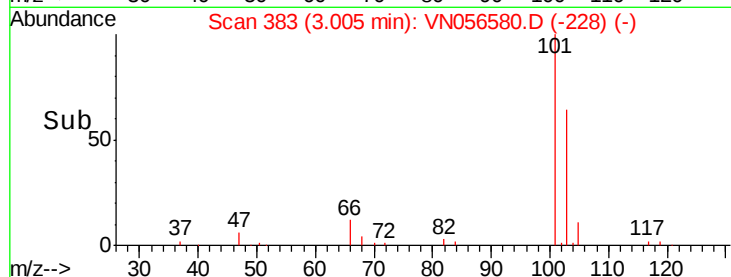
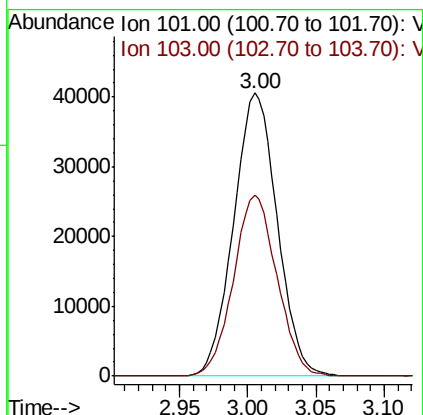
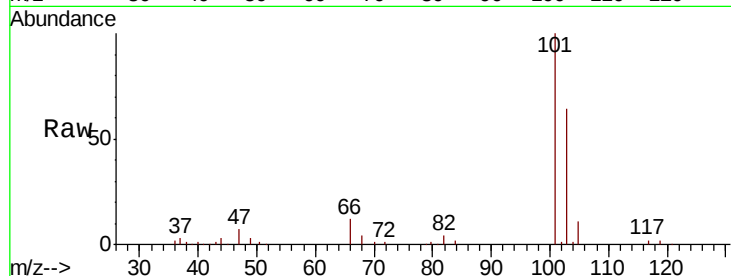


#7

Trichlorofluoromethane
 Concen: 20.217 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Instrument :
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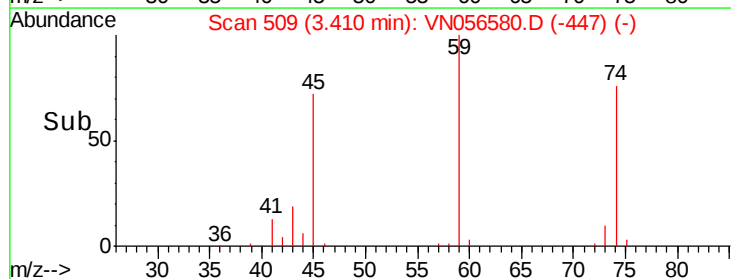
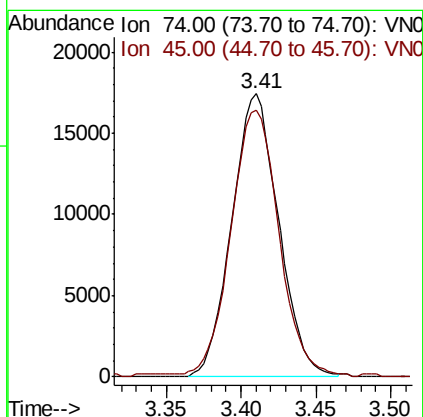
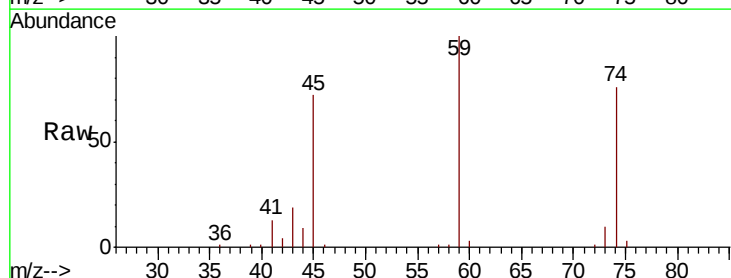
Tgt Ion:101 Resp: 89977
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.4 80.0

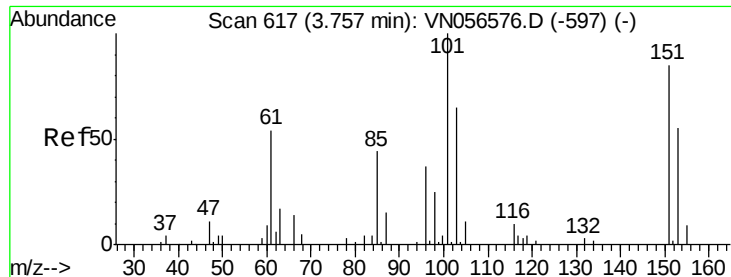


#8

Diethyl Ether
 Concen: 20.139 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 74 Resp: 38018
 Ion Ratio Lower Upper
 74 100
 45 97.1 18.8 169.6

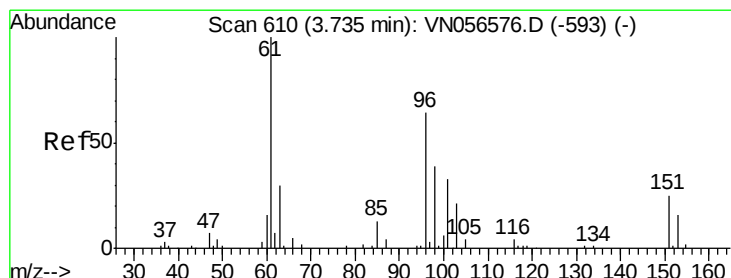
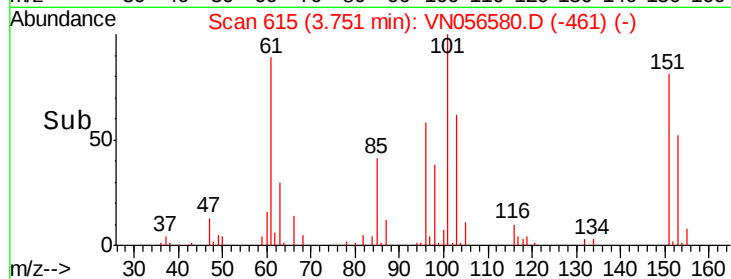
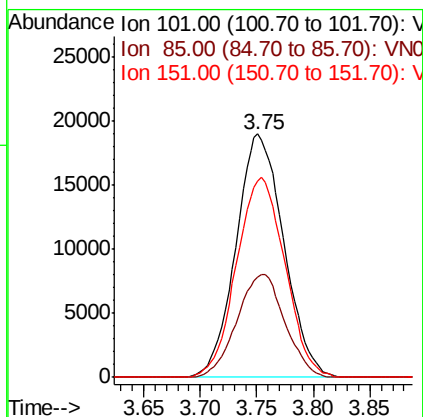
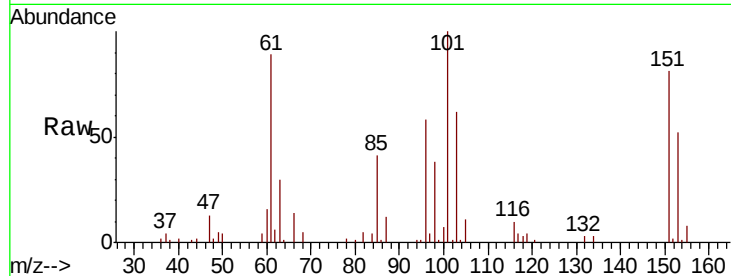




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.762 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

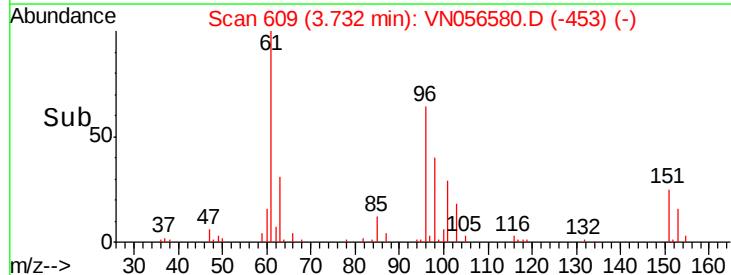
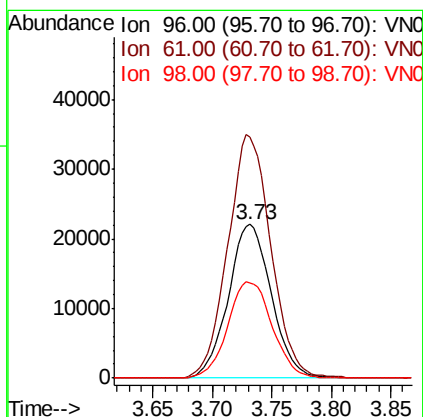
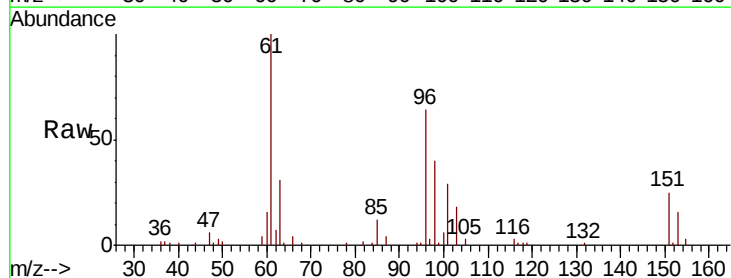
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

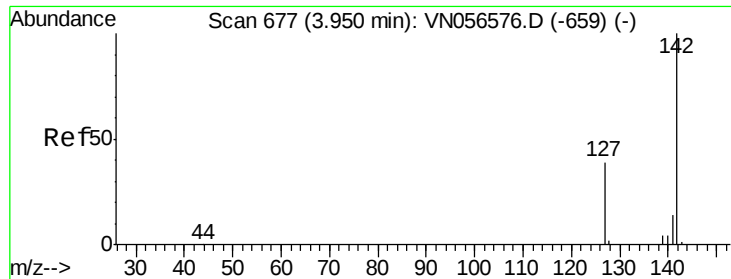
Tgt Ion: 101 Resp: 55727
 Ion Ratio Lower Upper
 101 100
 85 42.3 0.0 82.0
 151 83.2 0.0 177.0



#10
 1,1-Dichloroethene
 Concen: 19.977 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 96 Resp: 55271
 Ion Ratio Lower Upper
 96 100
 61 155.7 119.7 179.5
 98 62.3 52.3 78.5

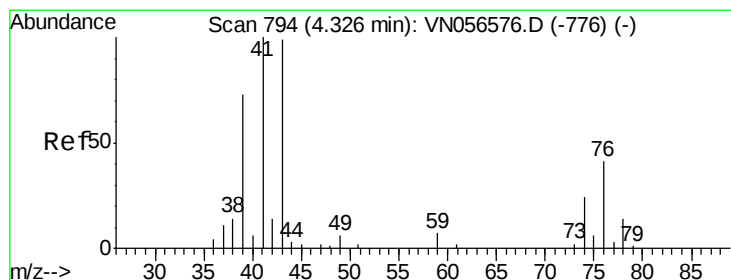
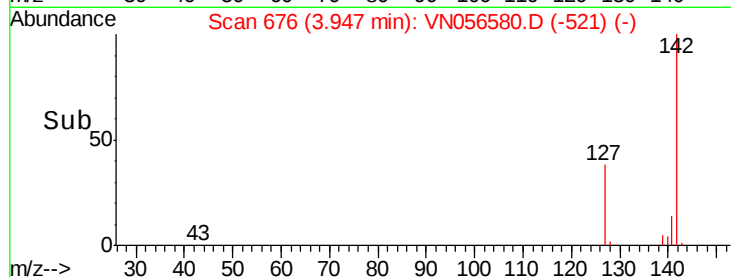
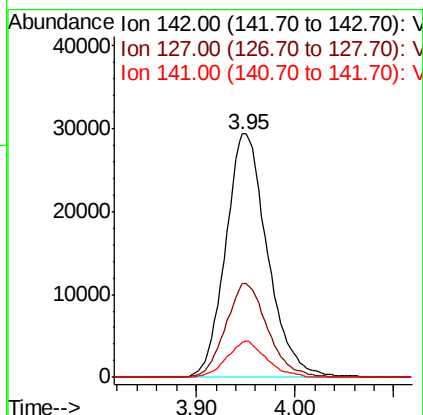
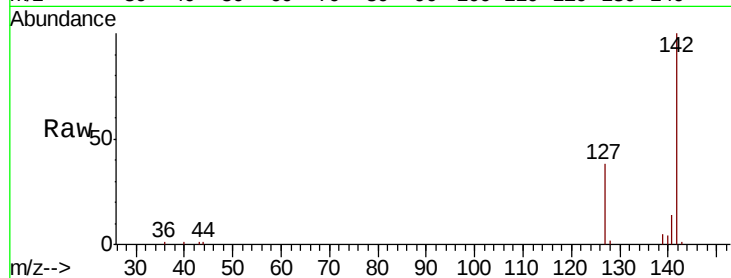




#11
Methyl Iodide
Concen: 21.885 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

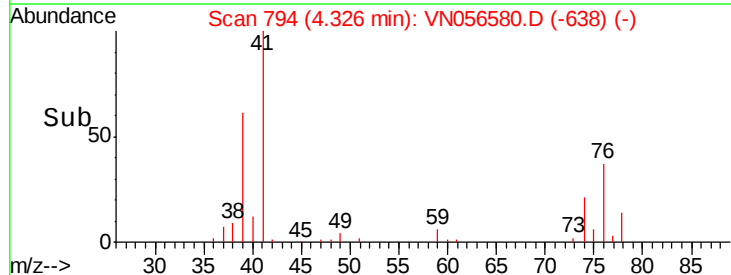
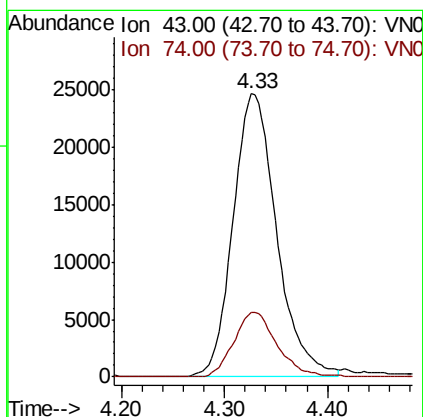
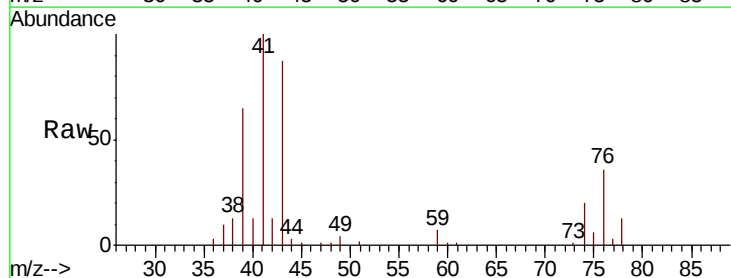
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

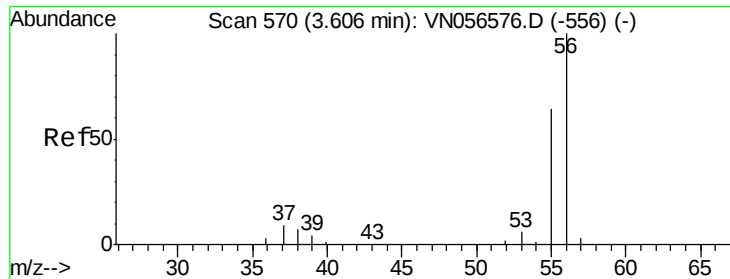
Tgt Ion: 142 Resp: 86588
Ion Ratio Lower Upper
142 100
127 38.5 19.0 57.0
141 14.0 6.7 20.0



#12
Methyl Acetate
Concen: 19.460 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion: 43 Resp: 72610
Ion Ratio Lower Upper
43 100
74 22.7 19.9 29.9





#13

Acrolein

Concen: 99.976 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

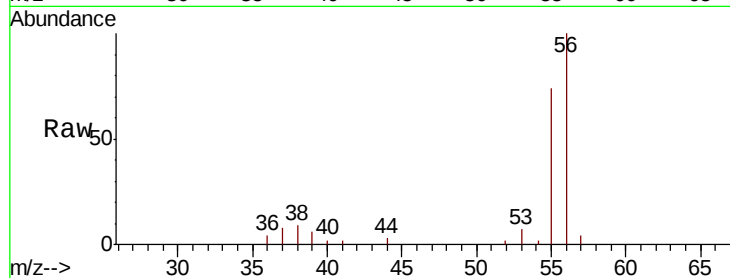
ICVVN070319

Tgt Ion: 56 Resp: 36422

Ion Ratio Lower Upper

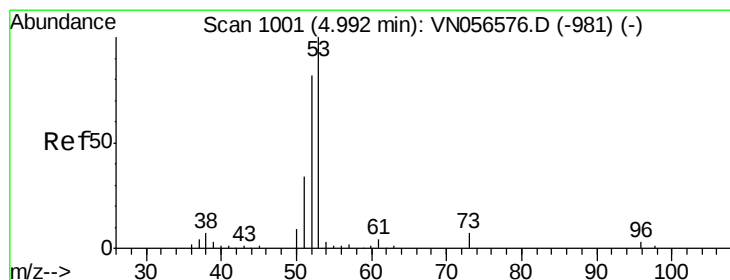
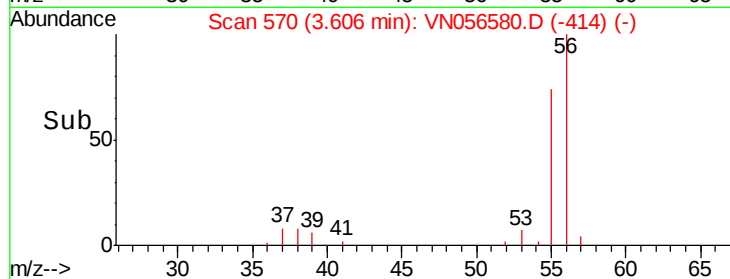
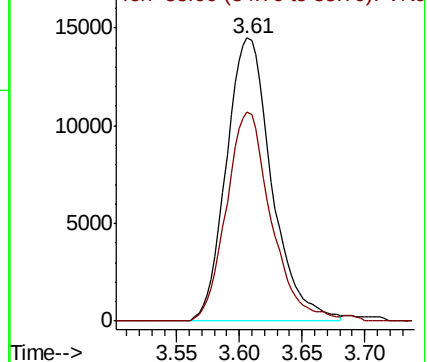
56 100

55 72.8 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 99.598 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

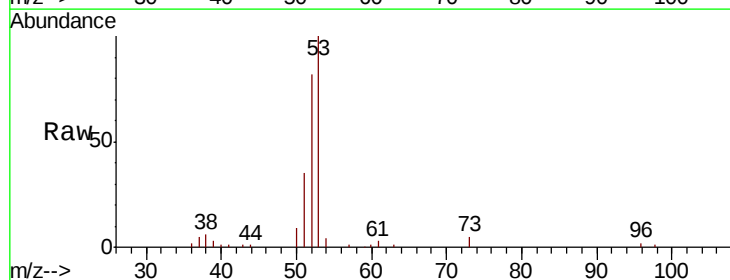
Tgt Ion: 53 Resp: 163174

Ion Ratio Lower Upper

53 100

52 83.9 40.8 122.2

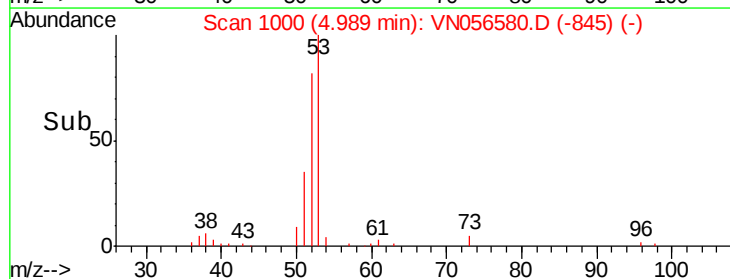
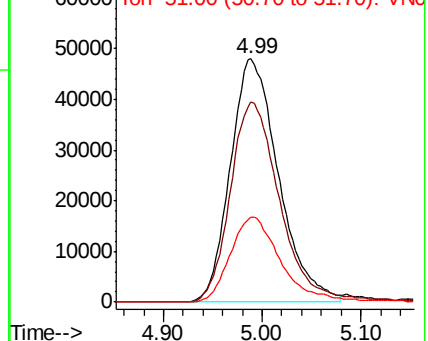
51 36.1 17.3 52.0

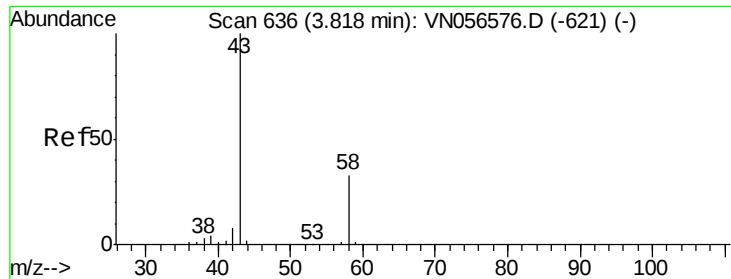


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 100.634 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

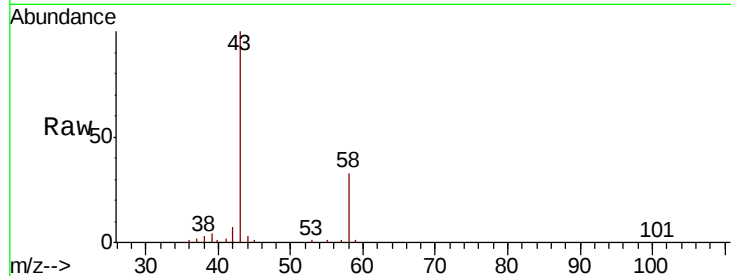
ICVVN070319

Tgt Ion: 58 Resp: 46002

Ion Ratio Lower Upper

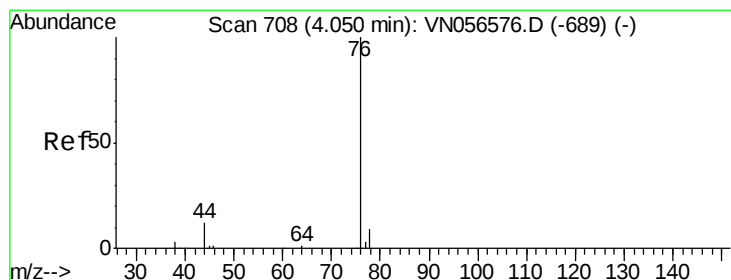
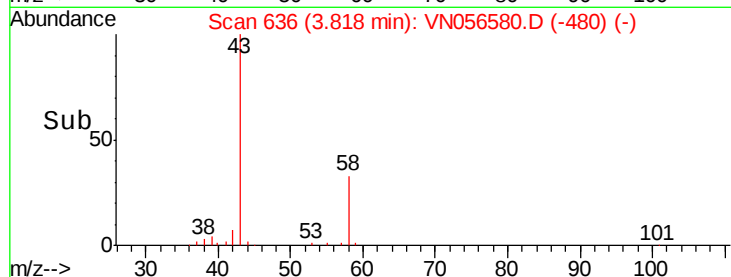
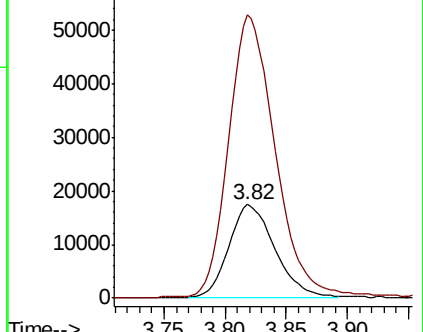
58 100

43 300.8 232.5 348.7



Abundance Ion 58.00 (57.70 to 58.70): VN056576.D (-621) (-)

Ion 43.00 (42.70 to 43.70): VN056576.D (-621) (-)



#16

Carbon Disulfide

Concen: 20.669 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056580.D

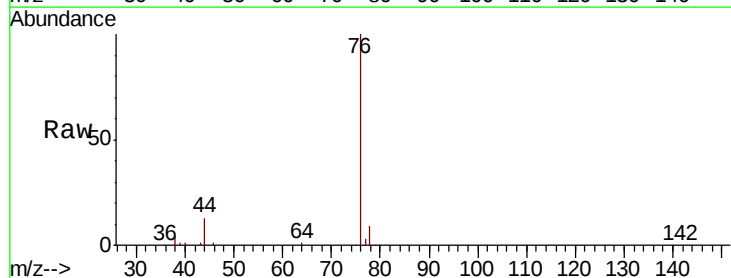
Acq: 3 Jul 2019 11:06

Tgt Ion: 76 Resp: 137505

Ion Ratio Lower Upper

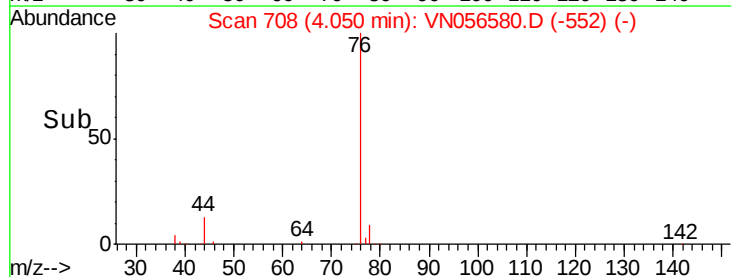
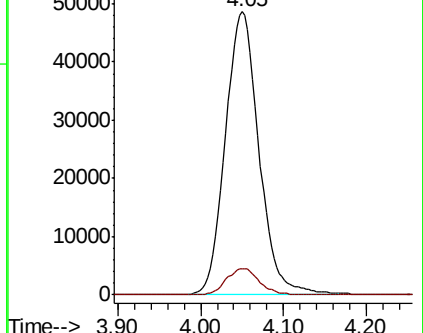
76 100

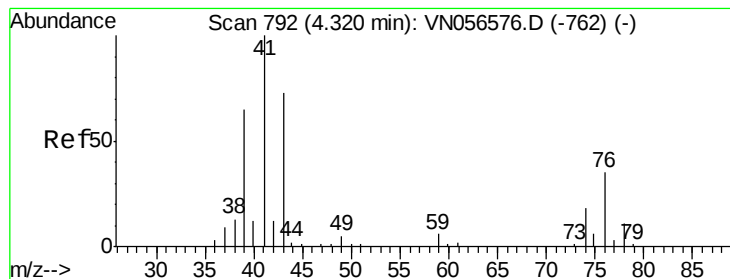
78 9.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN056576.D (-689) (-)

Ion 78.00 (77.70 to 78.70): VN056576.D (-689) (-)





#17

Allyl chloride

Concen: 19.326 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070319

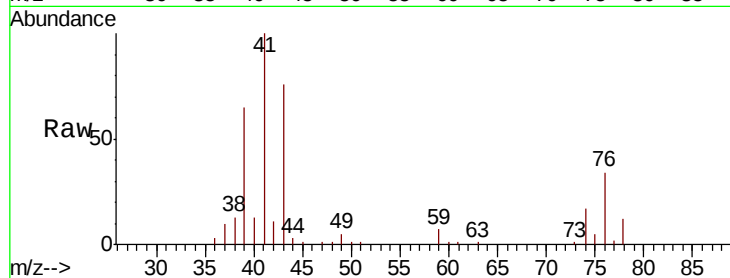
Tgt Ion: 41 Resp: 93574

Ion Ratio Lower Upper

41 100

39 64.7 33.0 99.0

76 33.7 18.9 56.9

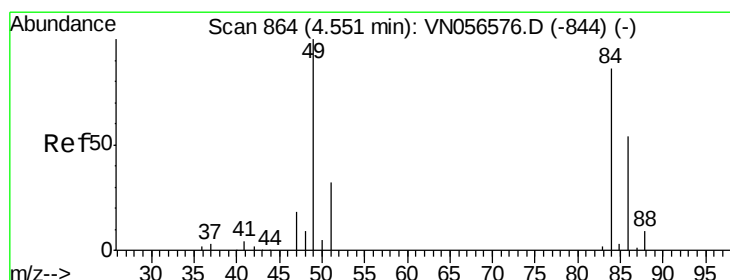
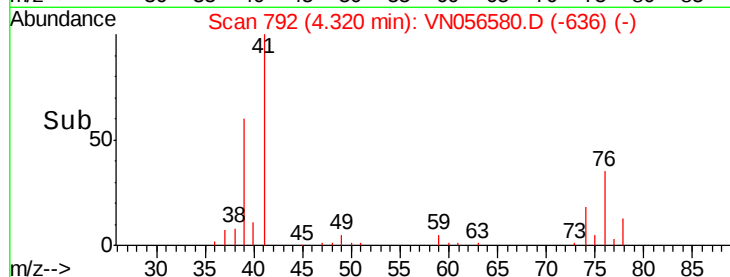
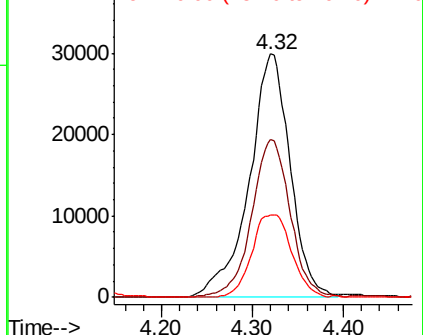


Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 76.00 (75.70 to 76.70): VNO



#18

Methylene Chloride

Concen: 19.874 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Tgt Ion: 84 Resp: 65011

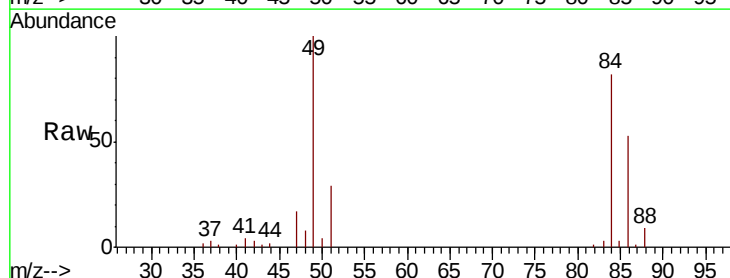
Ion Ratio Lower Upper

84 100

49 121.5 87.6 131.4

51 35.6 27.0 40.4

86 64.6 51.2 76.8



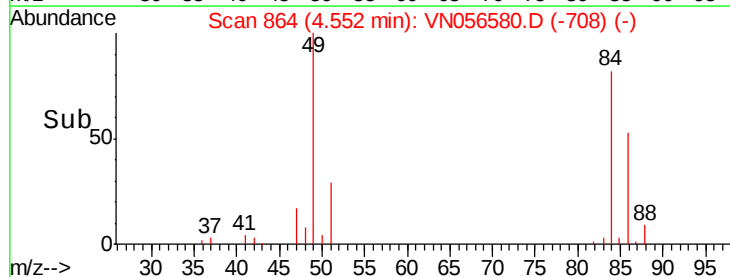
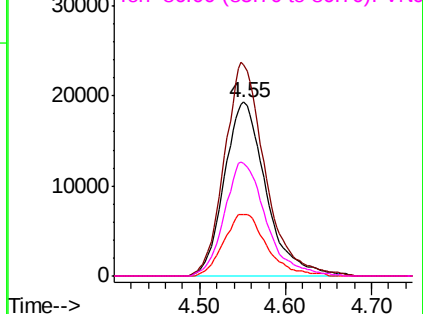
Abundance

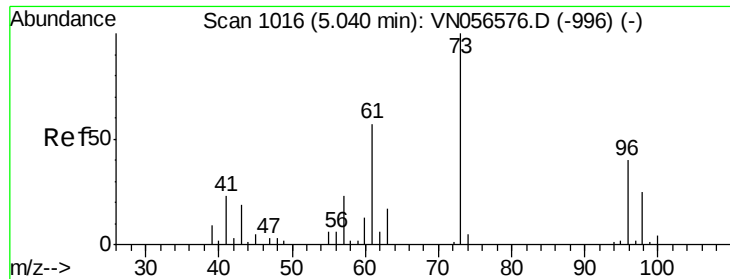
Ion 84.00 (83.70 to 84.70): VNO

Ion 49.00 (48.70 to 49.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

Ion 86.00 (85.70 to 86.70): VNO

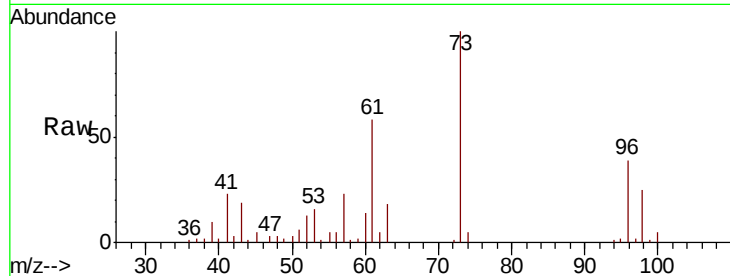




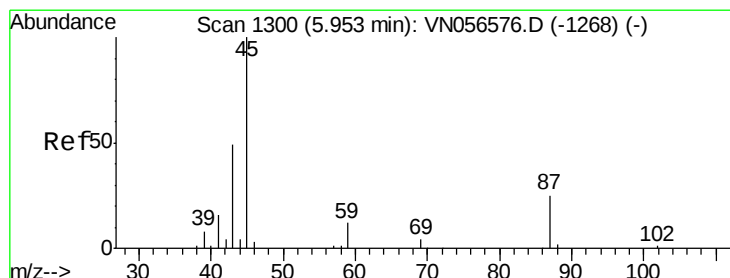
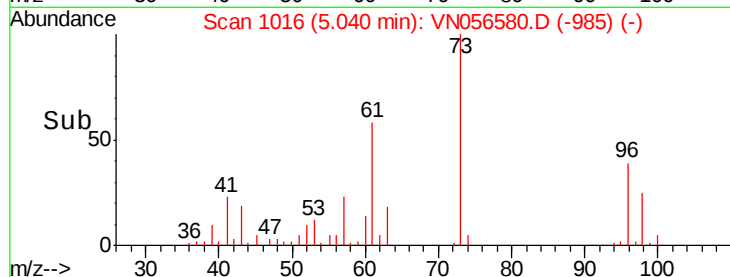
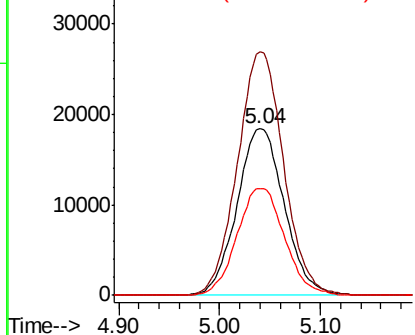
#19
trans-1,2-Dichloroethene
Concen: 19.942 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

Tgt Ion: 96 Resp: 59842
Ion Ratio Lower Upper
96 100
61 146.2 102.5 153.7
98 64.0 46.9 70.3

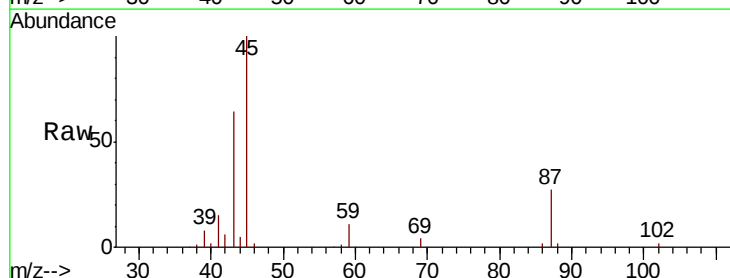


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

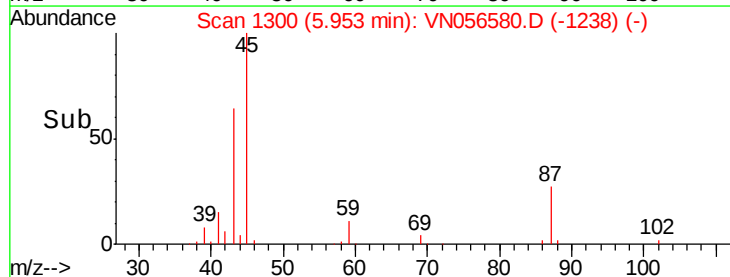
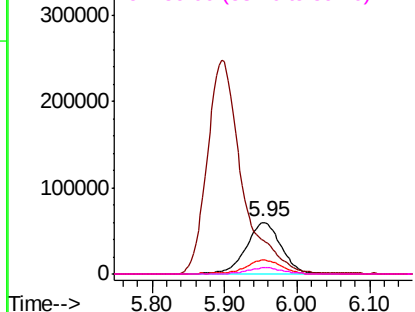


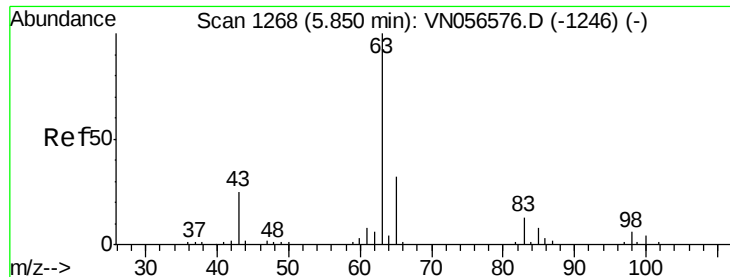
#20
Diisopropyl ether
Concen: 20.154 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion: 45 Resp: 201605
Ion Ratio Lower Upper
45 100
43 62.1 48.0 72.0
87 27.3 23.4 35.2
59 11.5 9.2 13.8



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

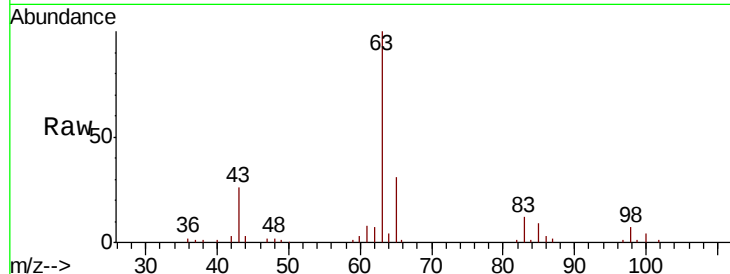




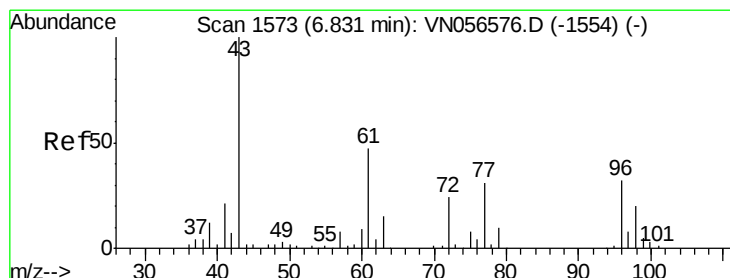
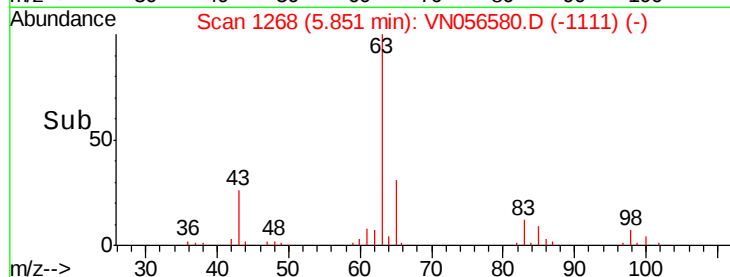
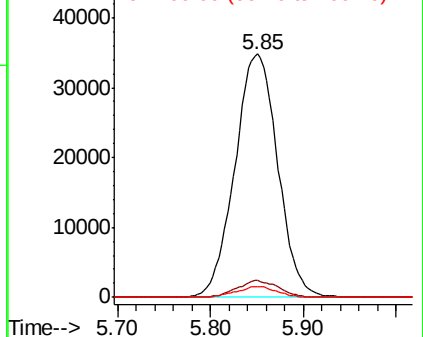
#21
 1,1-Dichloroethane
 Concen: 19.800 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

Tgt Ion: 63 Resp: 111726
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.4 2.3 6.9

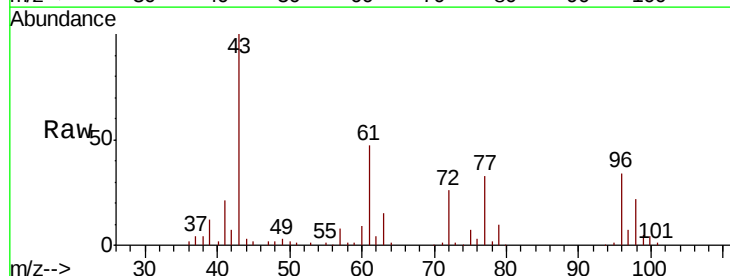


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

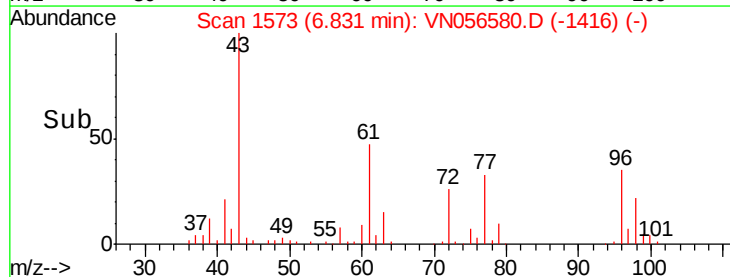
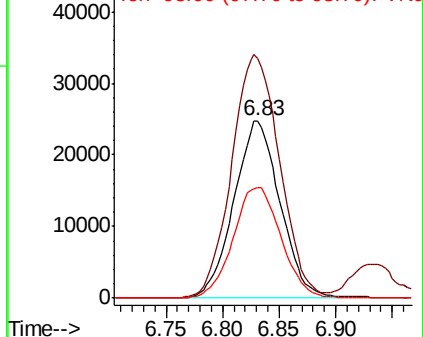


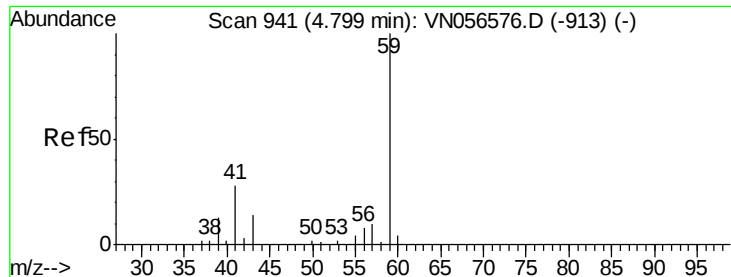
#22
 cis-1,2-Dichloroethene
 Concen: 19.849 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 96 Resp: 70043
 Ion Ratio Lower Upper
 96 100
 61 143.1 105.7 158.5
 98 64.9 52.0 78.0



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

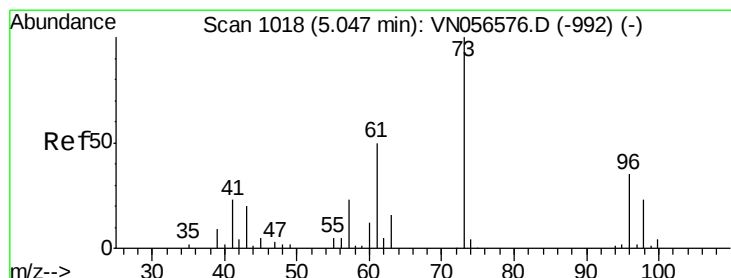
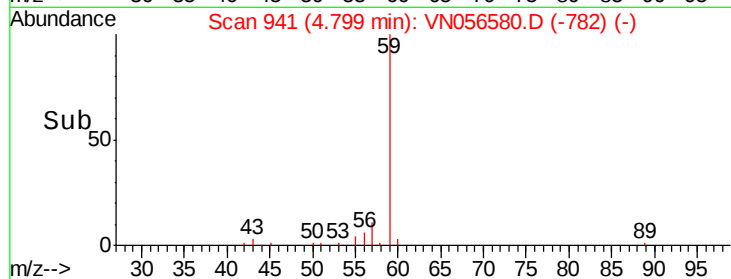
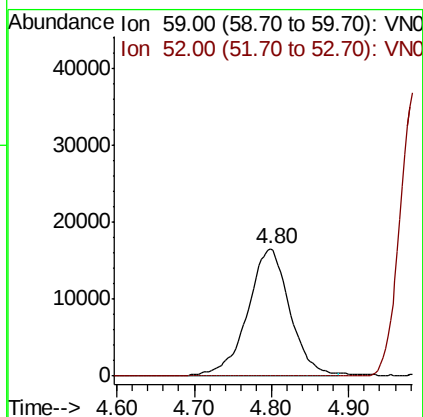
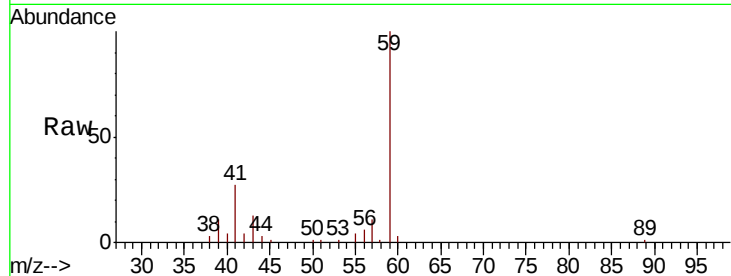




#23
 tert-Butyl Alcohol
 Concen: 102.530 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. 0.01 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

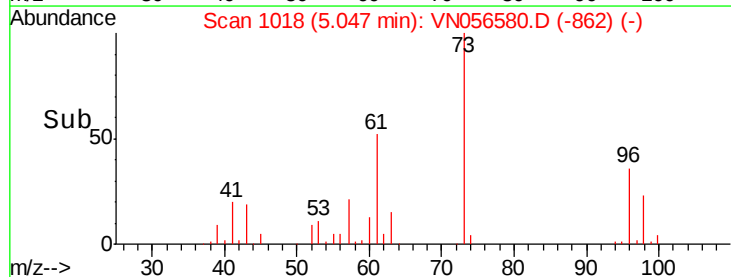
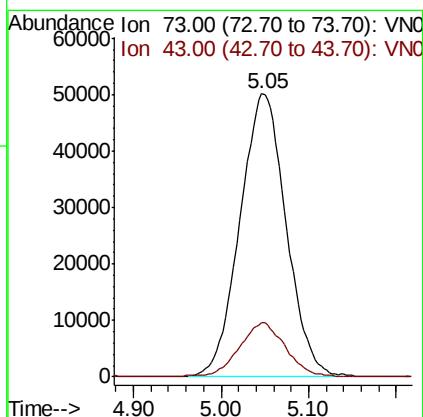
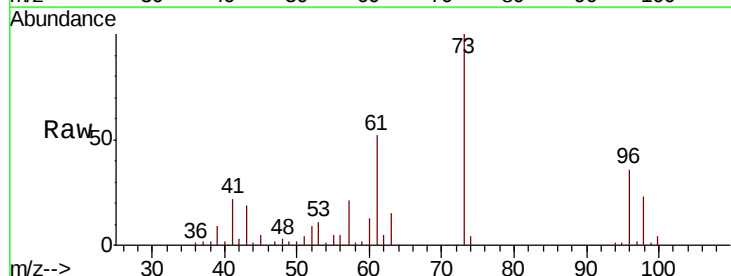
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

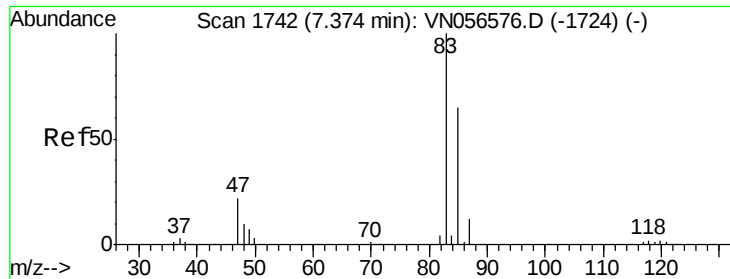
Tgt Ion: 59 Resp: 62836
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 20.086 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 73 Resp: 183806
 Ion Ratio Lower Upper
 73 100
 43 19.3 15.4 23.0

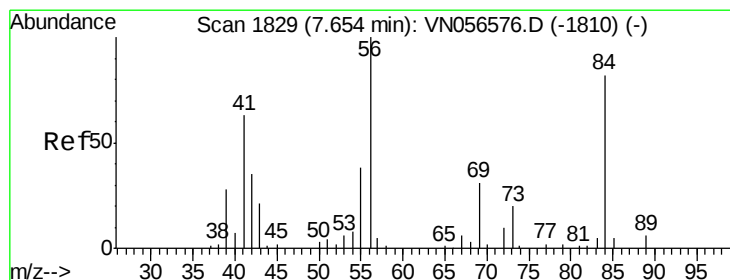
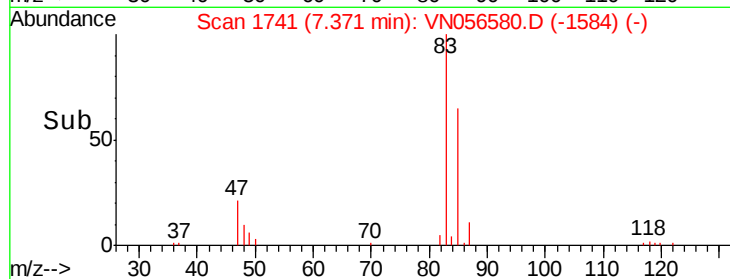
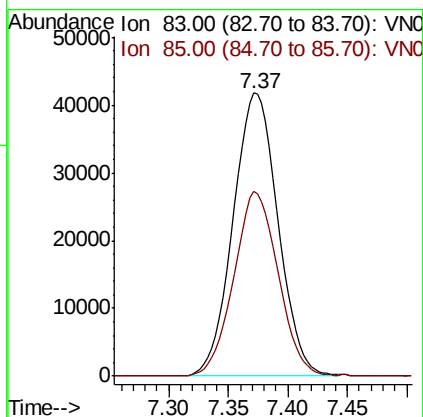
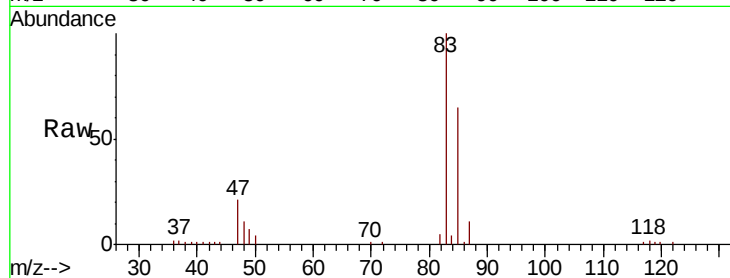




#25
Chloroform
Concen: 19.766 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

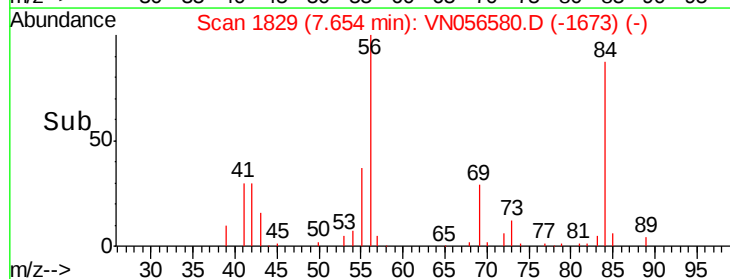
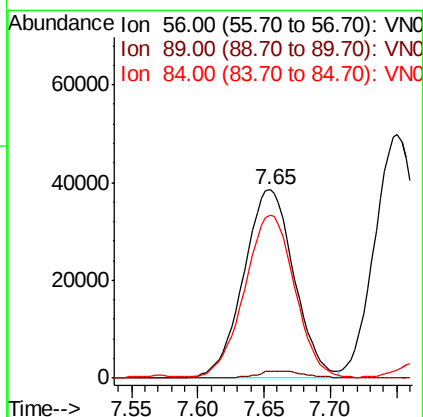
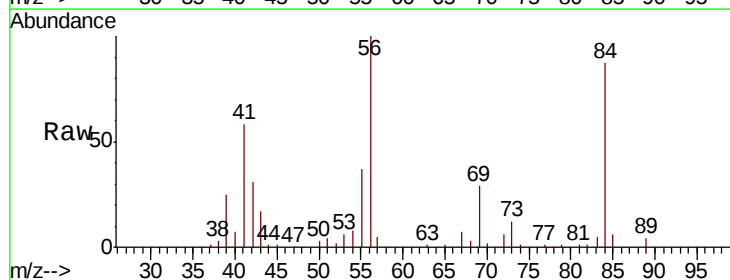
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

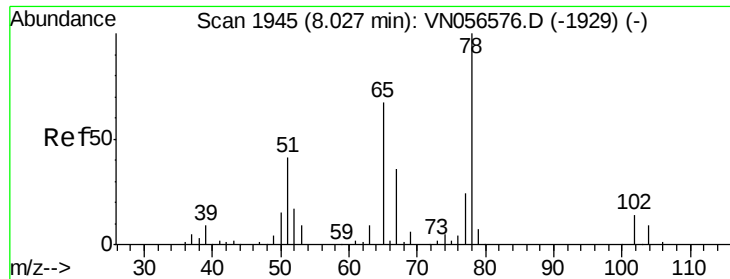
Tgt Ion: 83 Resp: 109323
Ion Ratio Lower Upper
83 100
85 65.1 52.0 78.0



#26
Cyclohexane
Concen: 19.717 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion: 56 Resp: 102476
Ion Ratio Lower Upper
56 100
89 3.6 0.0 0.0#
84 86.2 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 30.486 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

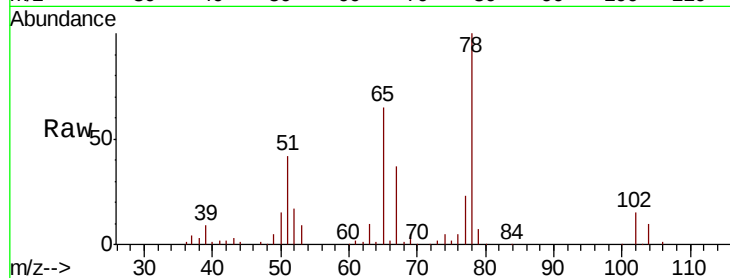
ICVVN070319

Tgt Ion: 65 Resp: 106377

Ion Ratio Lower Upper

65 100

67 54.9 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN056580.D (-1789) (-)

Ion 67.00 (66.70 to 67.70): VN056580.D (-1789) (-)

8.03

50000

40000

30000

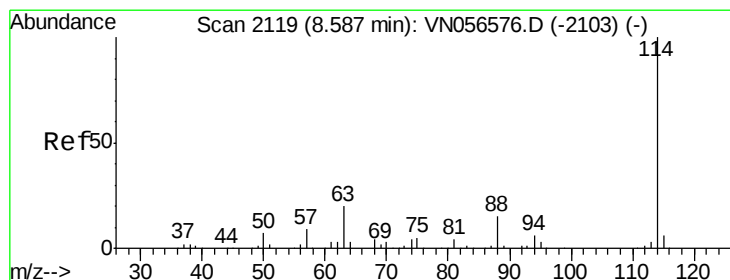
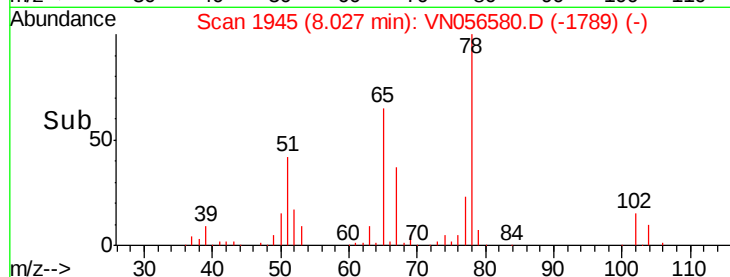
20000

10000

0

7.95 8.00 8.05 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

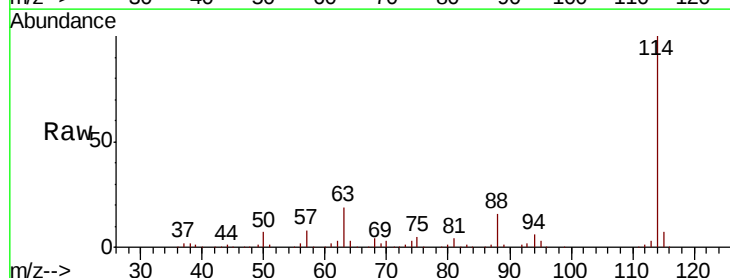
Tgt Ion: 114 Resp: 291135

Ion Ratio Lower Upper

114 100

63 19.8 14.7 22.1

88 15.4 11.9 17.9



Abundance Ion 114.00 (113.70 to 114.70): VN056580.D (-1962) (-)

Ion 63.00 (62.70 to 63.70): VN056580.D (-1962) (-)

Ion 88.00 (87.70 to 88.70): VN056580.D (-1962) (-)

8.59

150000

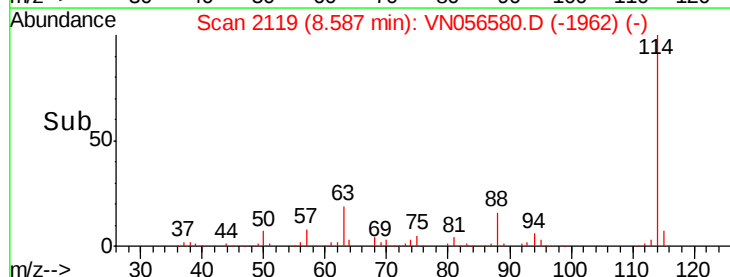
100000

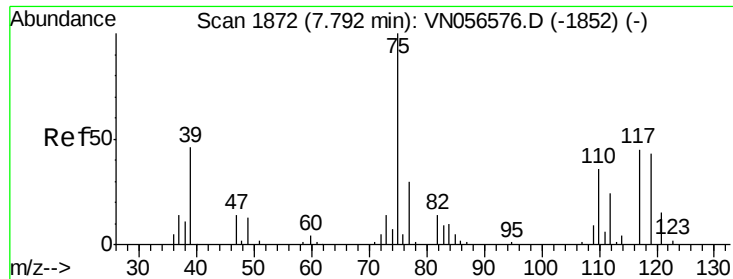
50000

0

8.50 8.55 8.60 8.65 8.70

Time-->

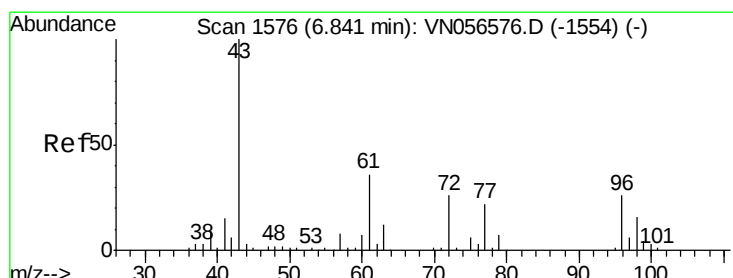
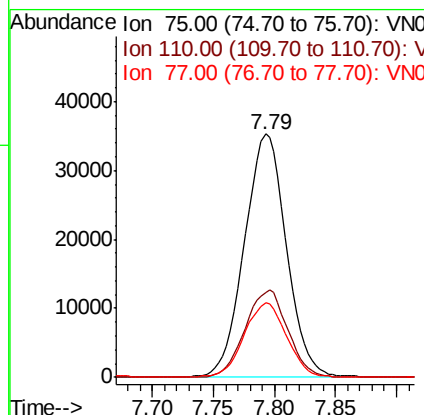
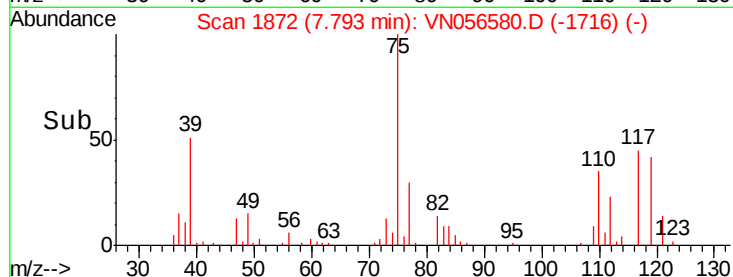
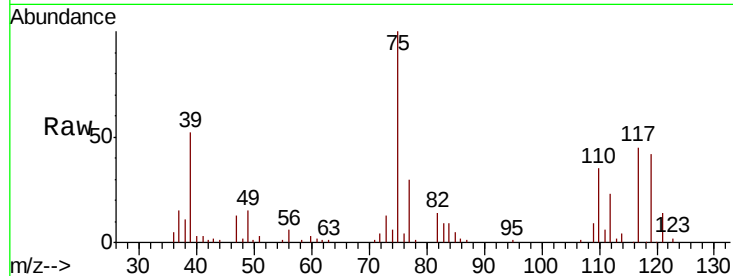




#29
 1,1-Dichloropropene
 Concen: 19.560 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

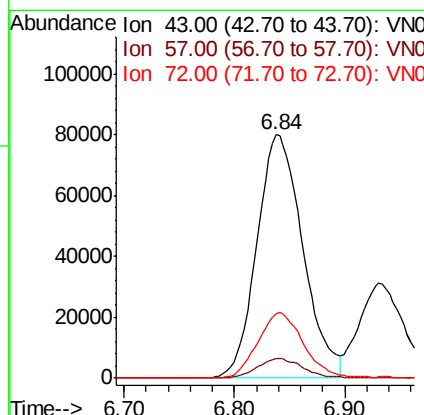
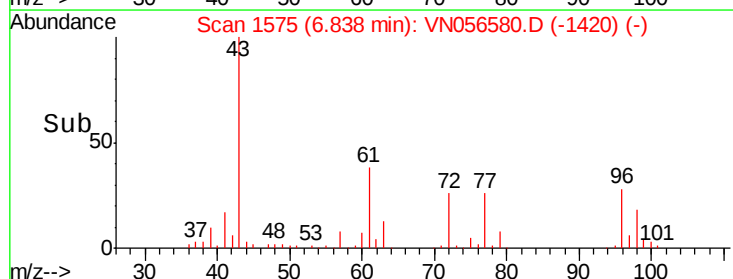
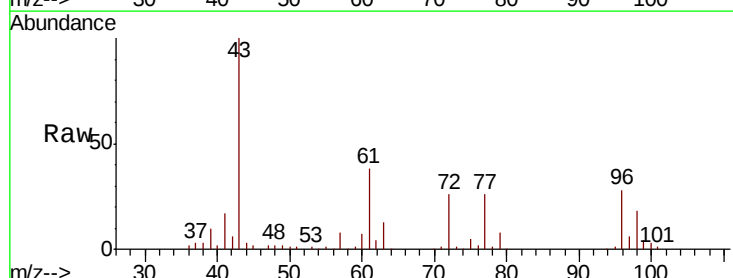
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

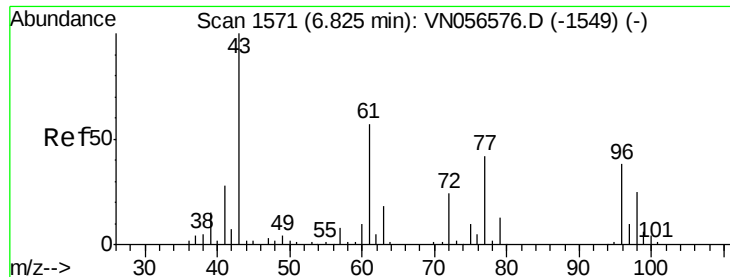
Tgt Ion: 75 Resp: 84089
 Ion Ratio Lower Upper
 75 100
 110 36.3 0.0 77.0
 77 31.0 0.0 62.4



#30
 2-Butanone
 Concen: 97.031 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 43 Resp: 231256
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.7 10.1
 72 26.8 22.4 33.6





#31

2,2-Dichloropropane

Concen: 18.781 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

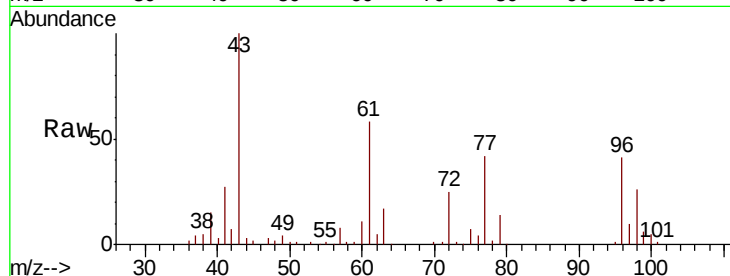
ICVVN070319

Tgt Ion: 77 Resp: 77637

Ion Ratio Lower Upper

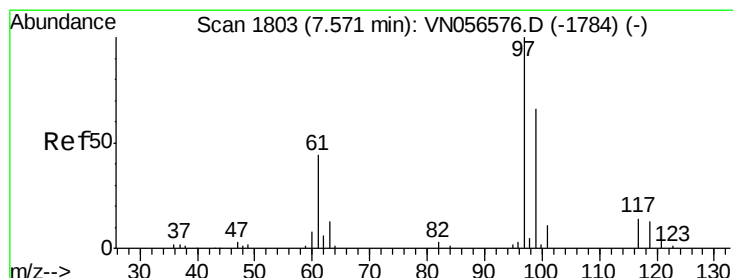
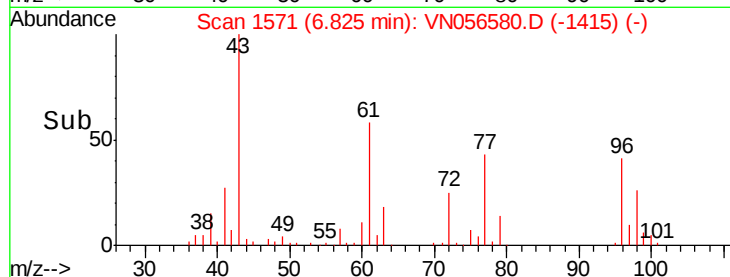
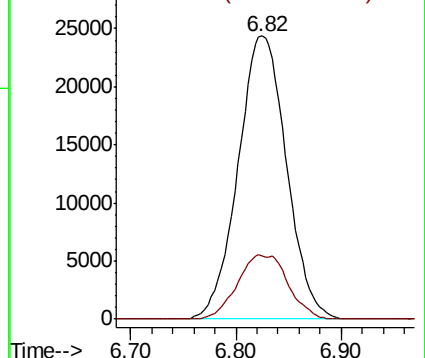
77 100

97 13.4 20.8 31.2#



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.940 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

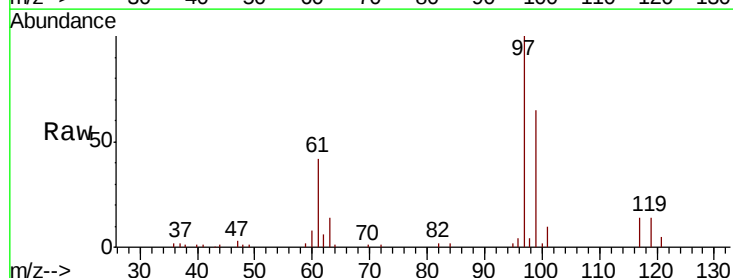
Tgt Ion: 97 Resp: 86805

Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

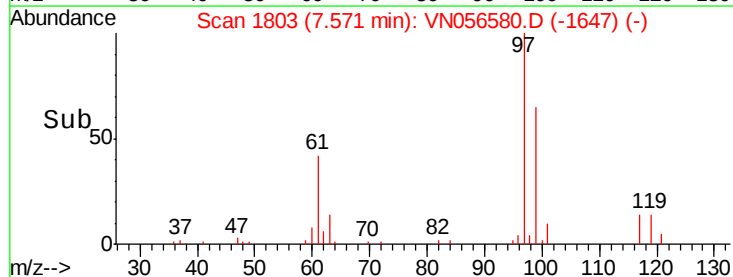
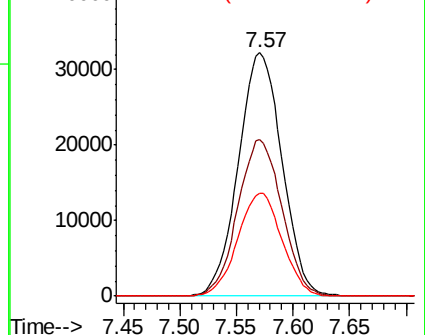
61 42.6 32.9 49.3

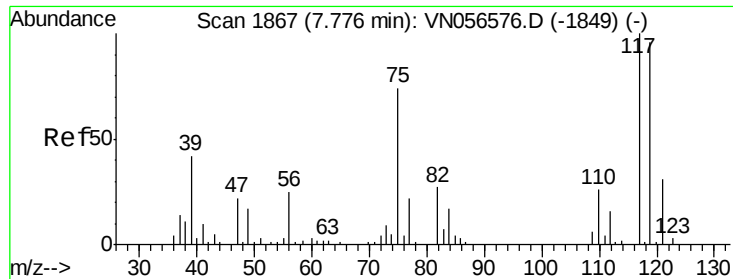


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

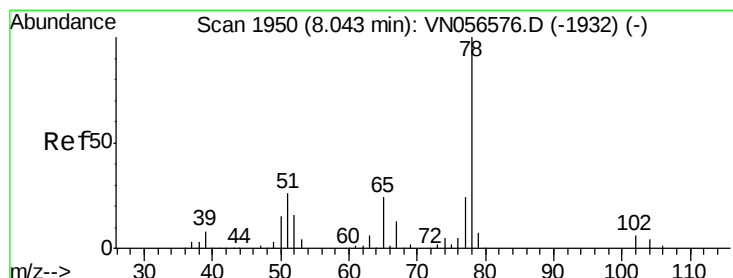
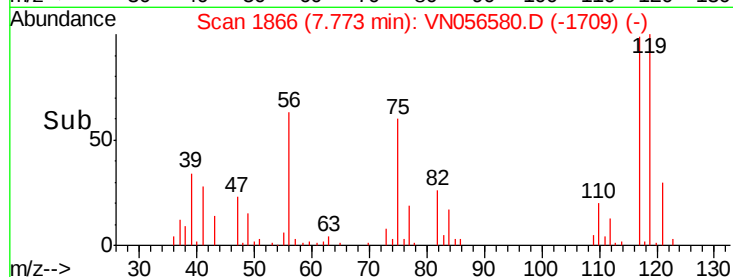
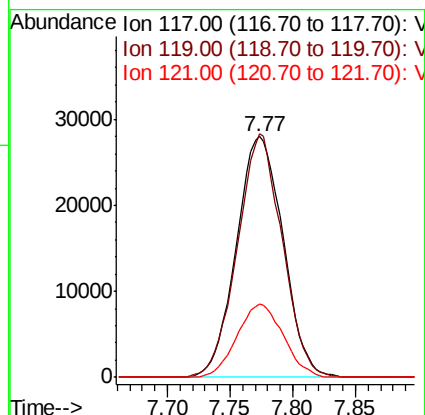
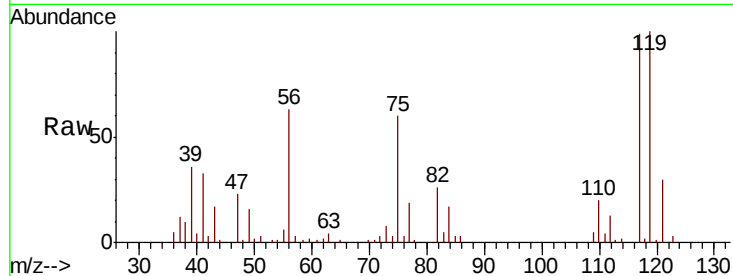




#33
Carbon Tetrachloride
Concen: 18.626 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

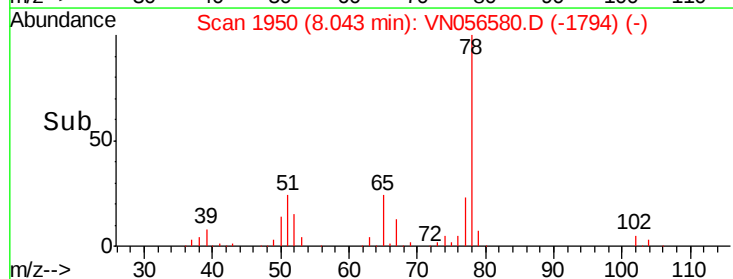
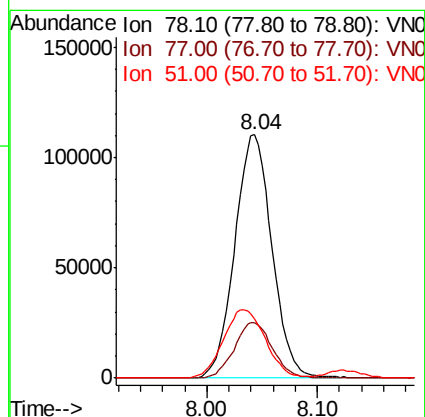
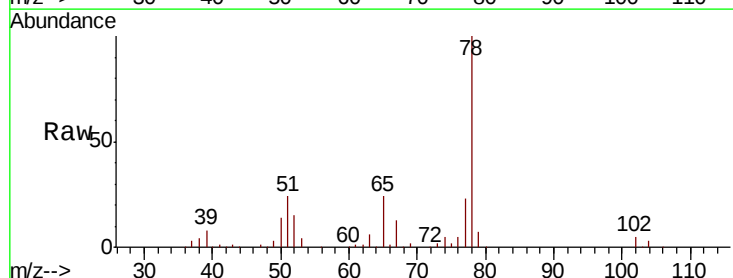
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

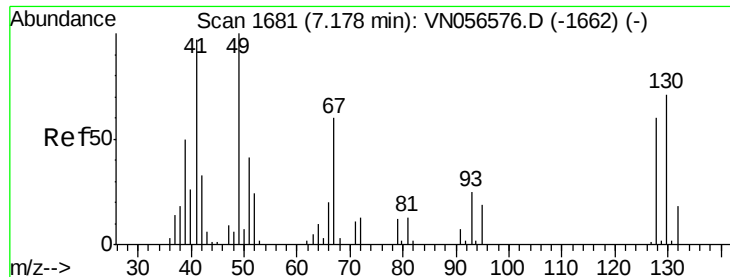
Tgt Ion:117 Resp: 72367
Ion Ratio Lower Upper
117 100
119 101.0 77.3 115.9
121 30.3 25.0 37.4



#34
Benzene
Concen: 19.155 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion: 78 Resp: 257509
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9
51 24.1 19.8 29.8

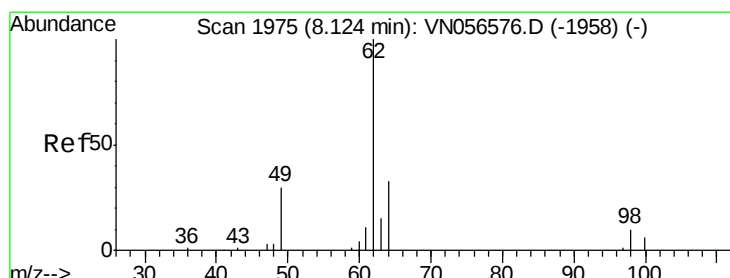
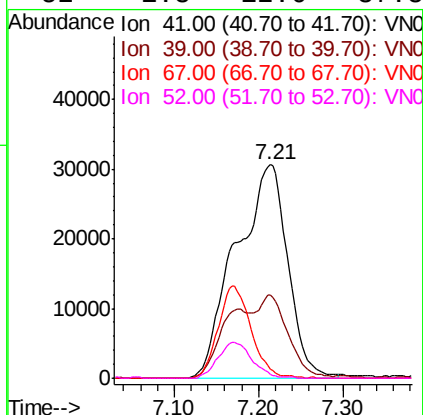
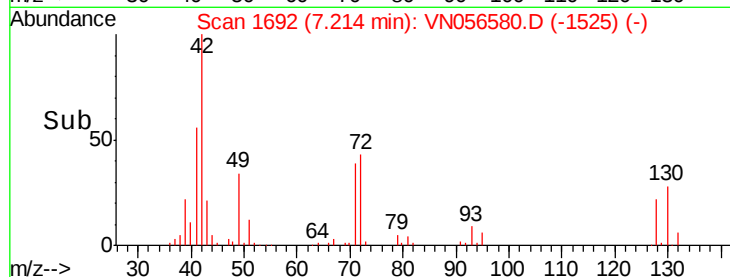
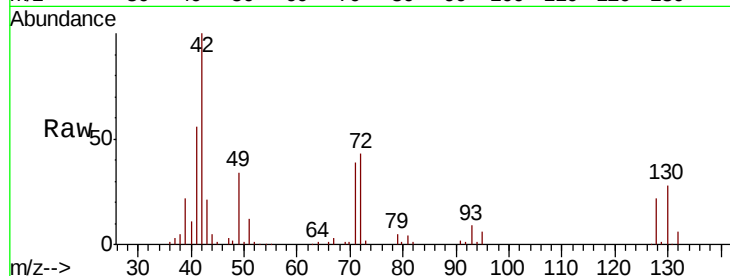




#35
Methacrylonitrile
Concen: 61.800 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

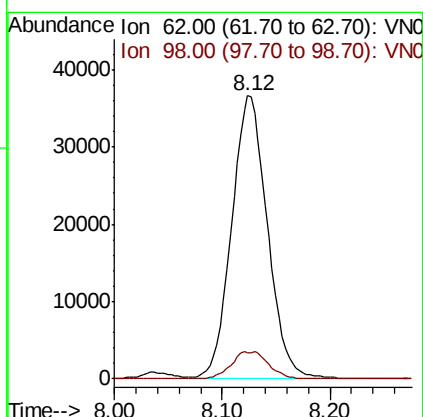
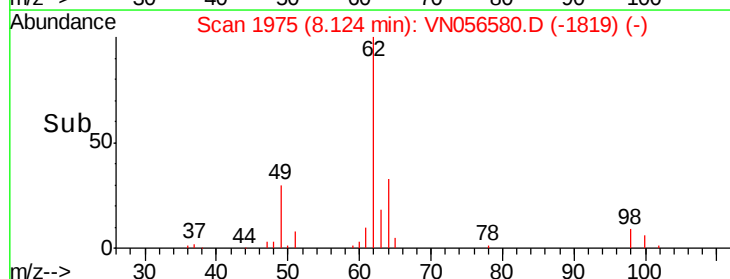
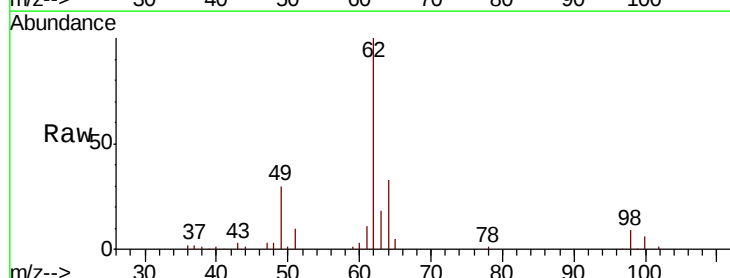
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

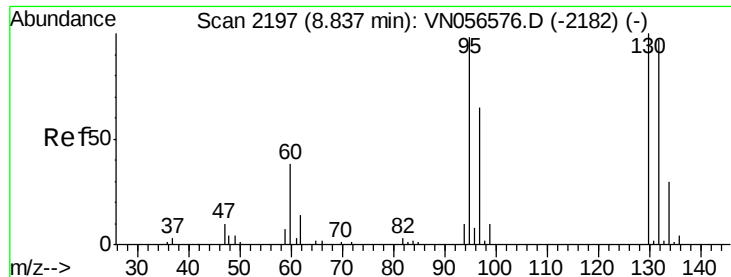
Tgt Ion: 41 Resp: 130803
Ion Ratio Lower Upper
41 100
39 38.9 24.8 74.3
67 4.4 34.3 102.9#
52 1.8 12.6 37.8#



#36
1,2-Dichloroethane
Concen: 19.381 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion: 62 Resp: 84682
Ion Ratio Lower Upper
62 100
98 5.6 8.6 13.0#

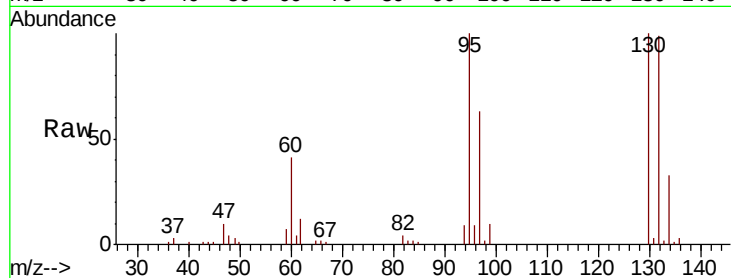




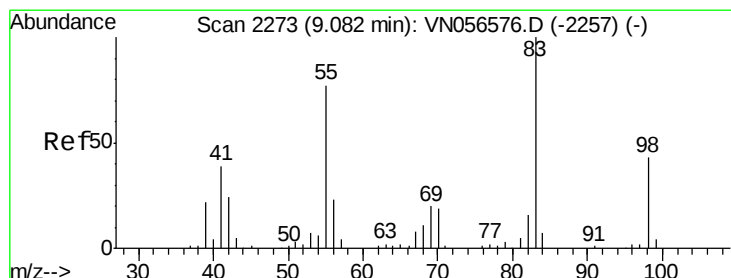
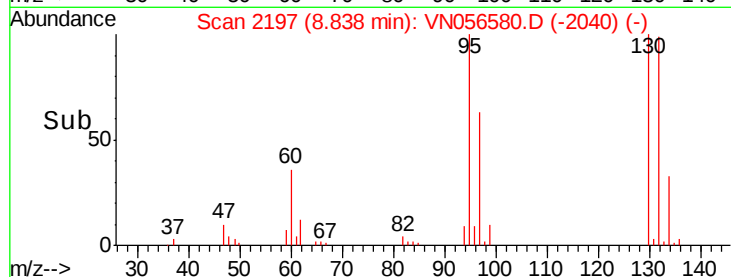
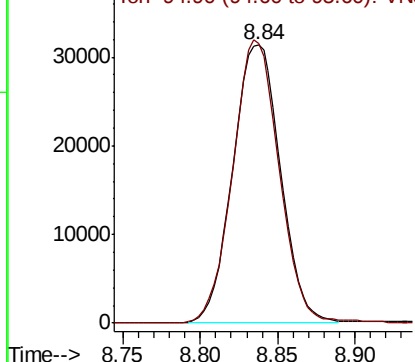
#37
 Trichloroethene
 Concen: 19.180 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

Tgt Ion: 130 Resp: 67248
 Ion Ratio Lower Upper
 130 100
 95 99.8 73.0 109.6

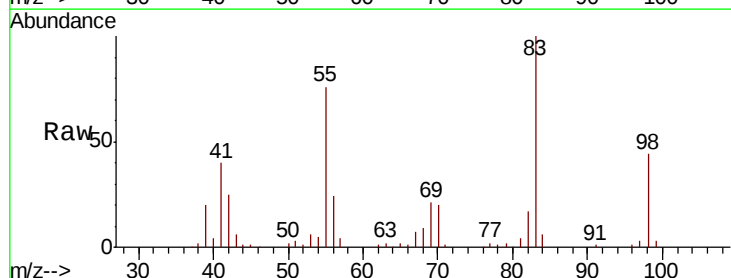


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

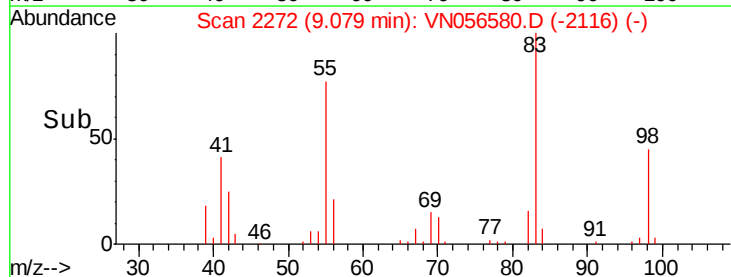
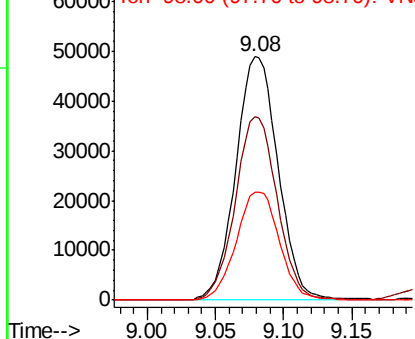


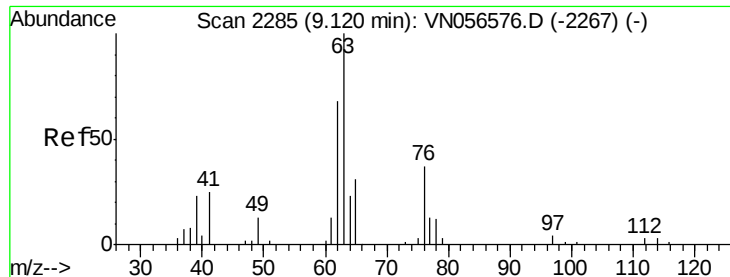
#38
 Methylcyclohexane
 Concen: 19.533 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 83 Resp: 105239
 Ion Ratio Lower Upper
 83 100
 55 74.8 37.5 112.7
 98 45.5 23.1 69.3



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

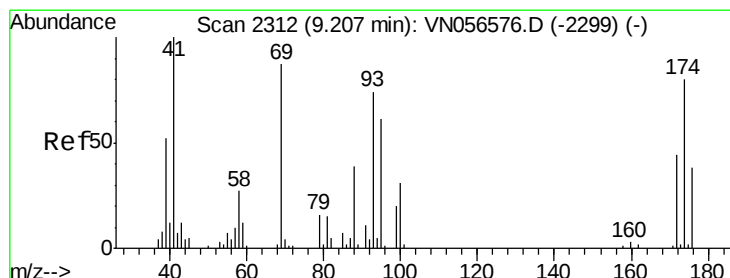
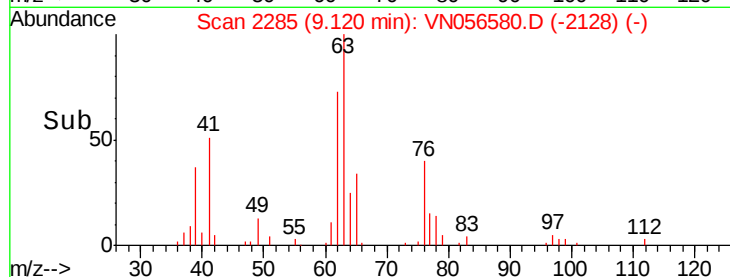
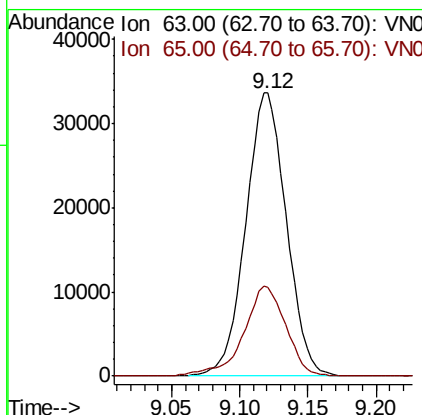
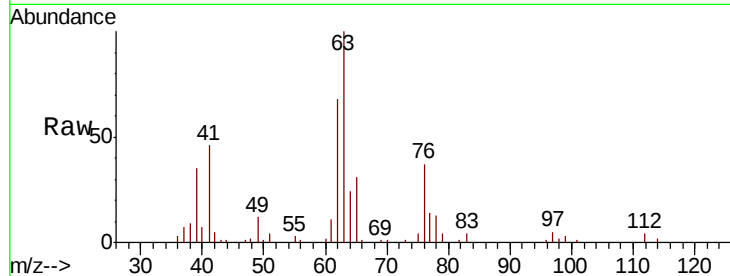




#39
 1,2-Dichloropropane
 Concen: 19.206 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

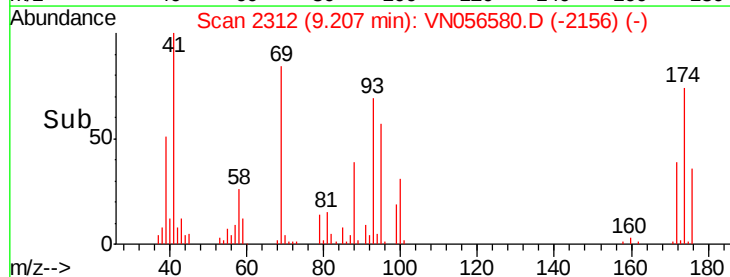
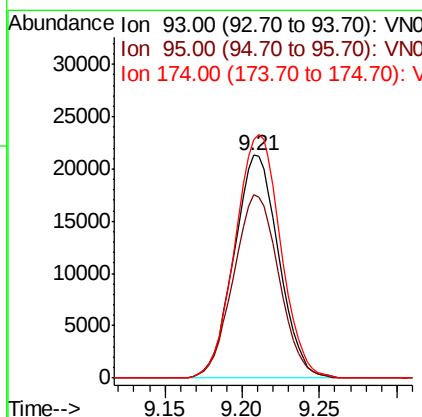
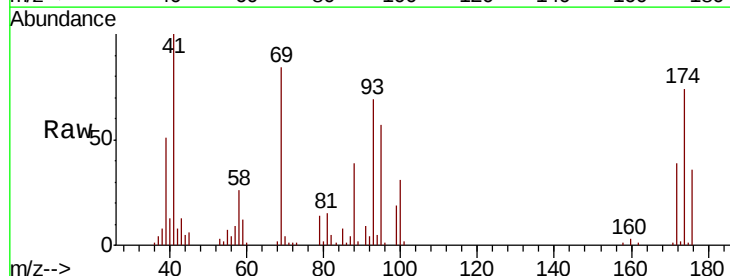
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

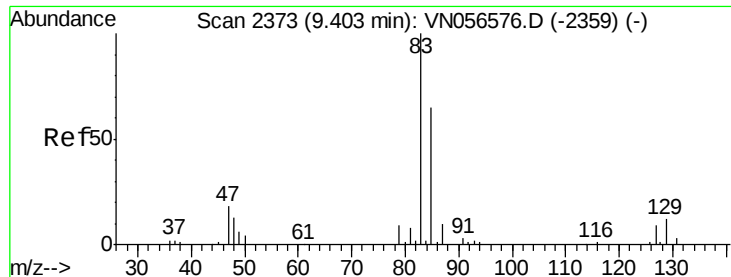
Tgt Ion: 63 Resp: 69504
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.1 34.7



#40
 Dibromomethane
 Concen: 19.208 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 93 Resp: 42969
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 169.0
 174 111.1 0.0 246.4

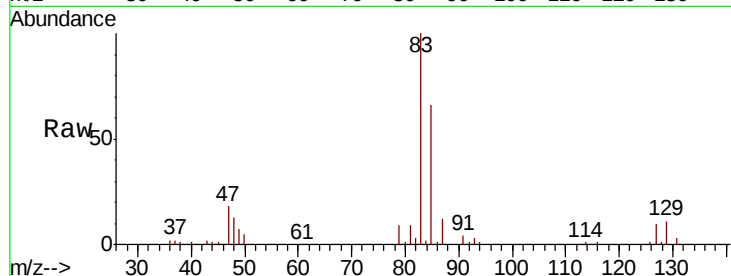




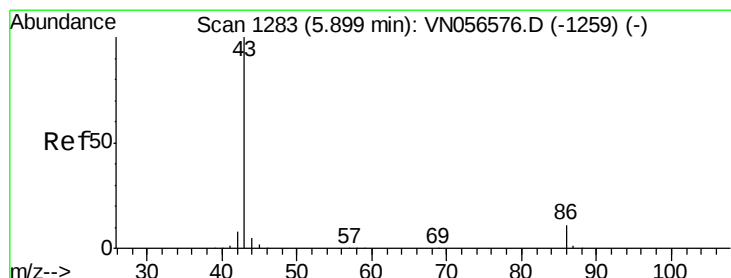
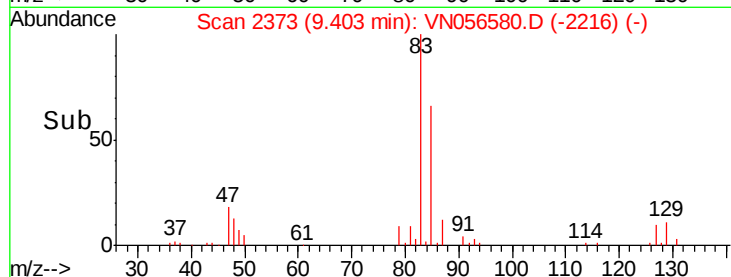
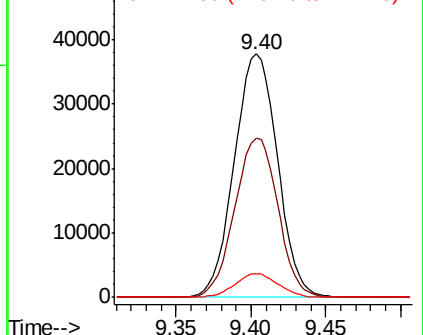
#41
 Bromodichloromethane
 Concen: 18.334 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

Tgt Ion: 83 Resp: 76014
 Ion Ratio Lower Upper
 83 100
 85 65.6 51.8 77.6
 127 9.7 7.3 10.9

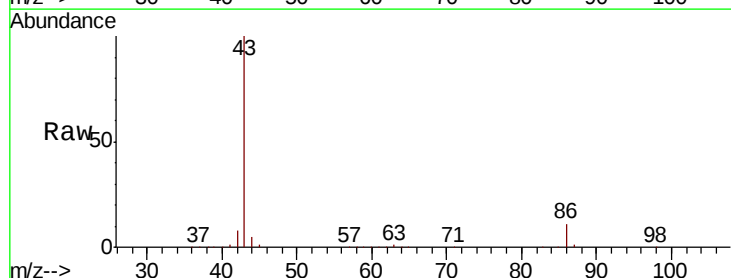


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0
 Ion 127.00 (126.70 to 127.70): V

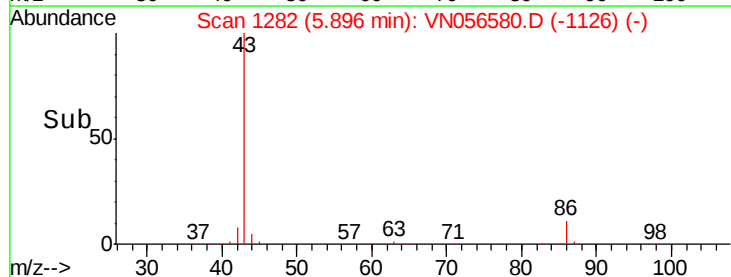
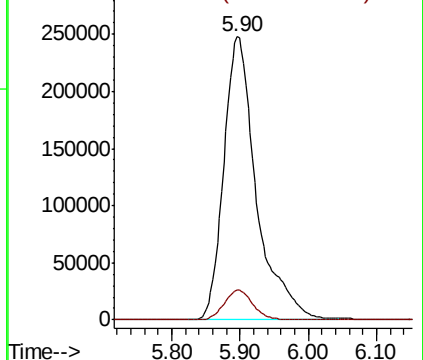


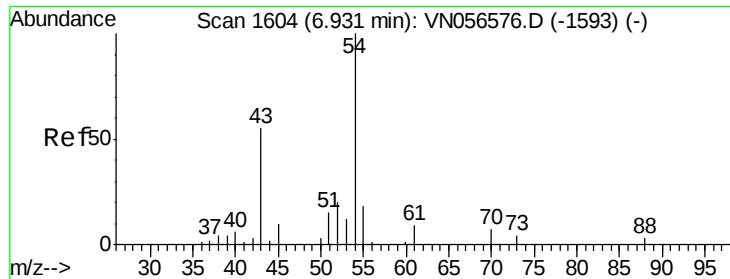
#42
 Vinyl Acetate
 Concen: 97.249 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 43 Resp: 825273
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0

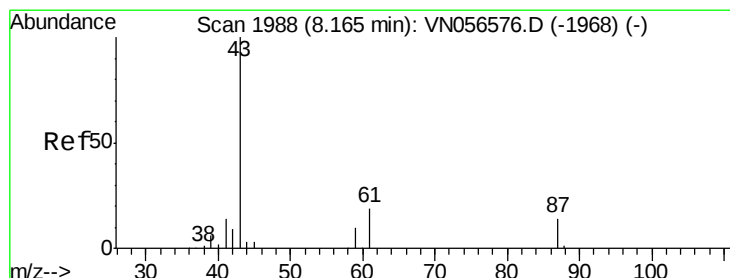
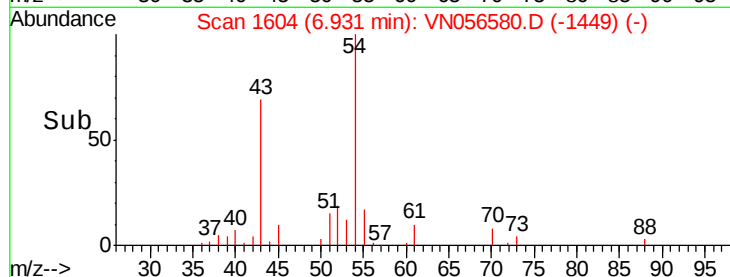
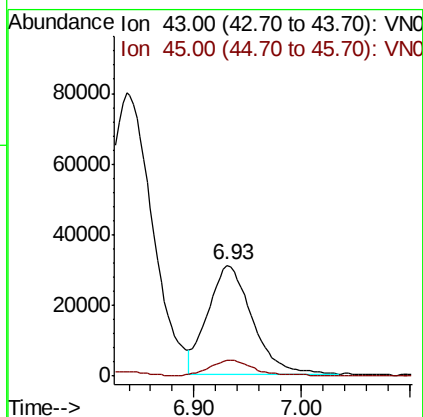
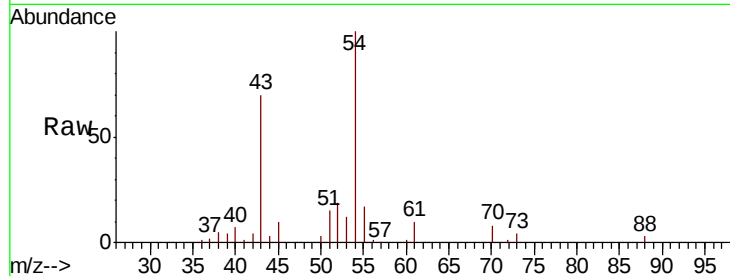




#43
Ethyl Acetate
Concen: 19.137 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

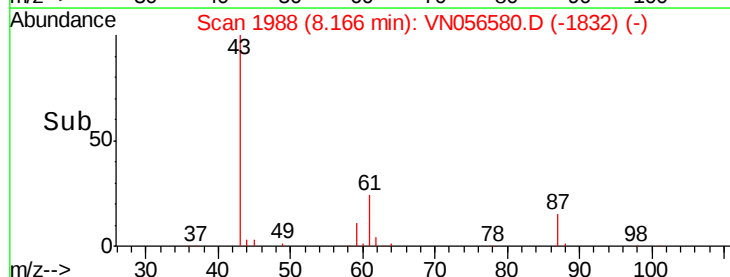
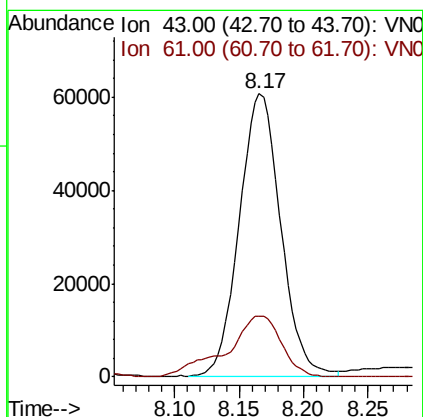
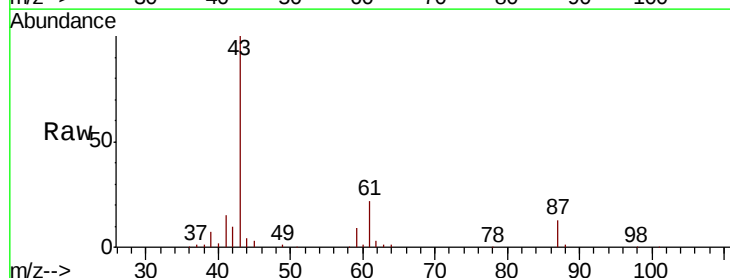
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

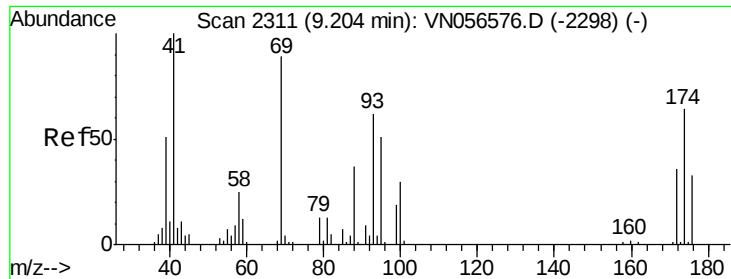
Tgt Ion: 43 Resp: 88228
Ion Ratio Lower Upper
43 100
45 15.3 12.3 18.5



#44
Isopropyl Acetate
Concen: 18.772 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion: 43 Resp: 135025
Ion Ratio Lower Upper
43 100
61 29.0 16.9 25.3#

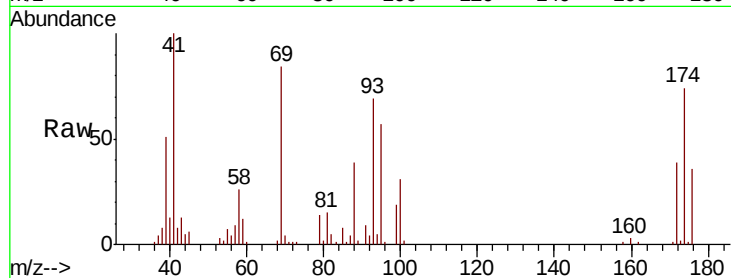




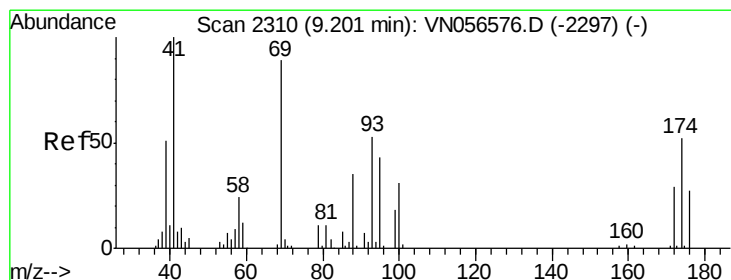
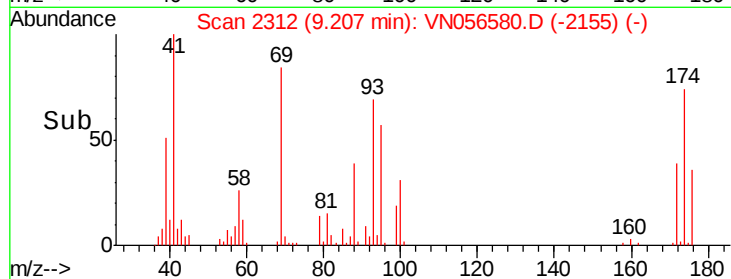
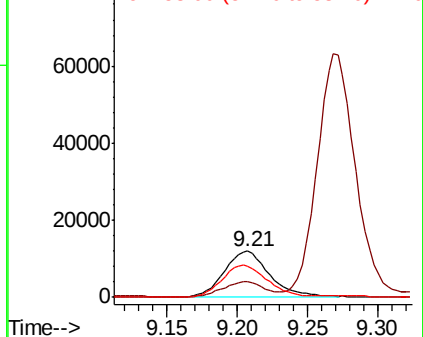
#45
 1,4-Dioxane
 Concen: 384.562 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

Tgt Ion: 88 Resp: 27066
 Ion Ratio Lower Upper
 88 100
 43 28.1 19.8 29.6
 58 69.3 48.5 72.7

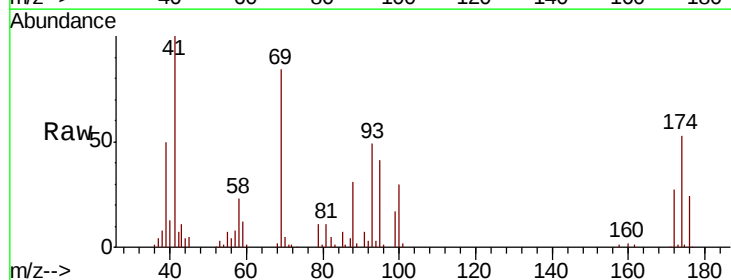


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

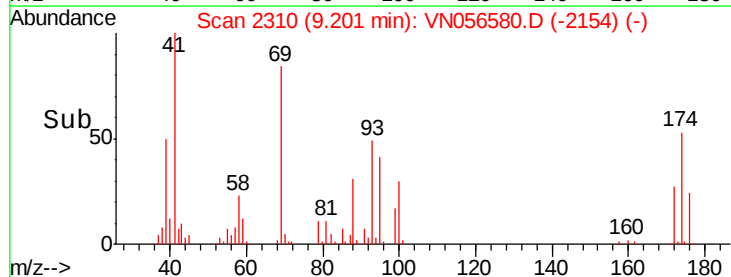
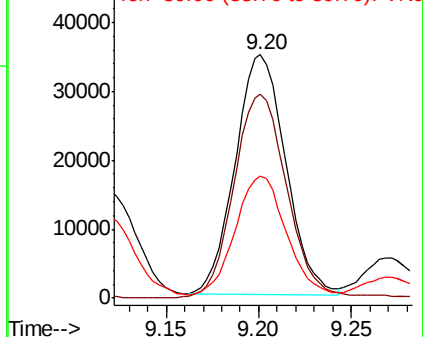


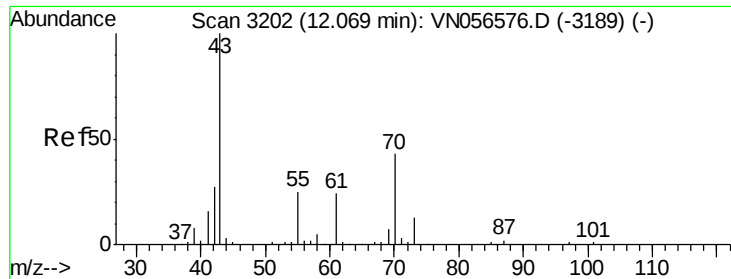
#46
 Methyl methacrylate
 Concen: 18.713 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 41 Resp: 66137
 Ion Ratio Lower Upper
 41 100
 69 84.5 46.0 137.8
 39 49.3 24.6 73.8



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

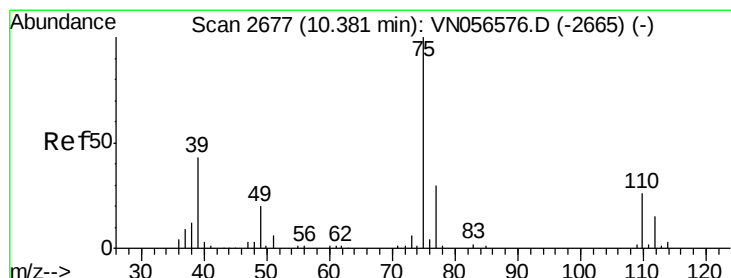
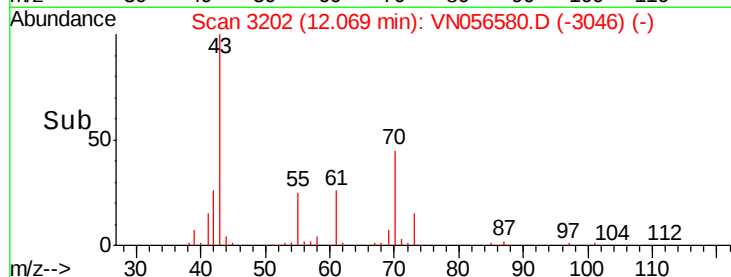
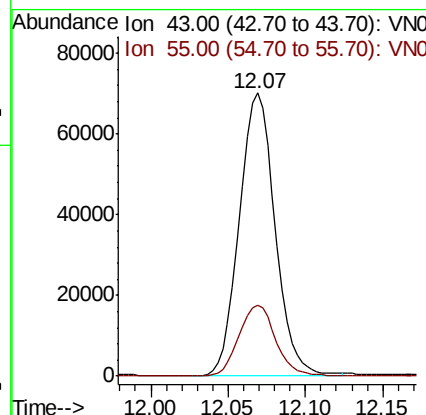
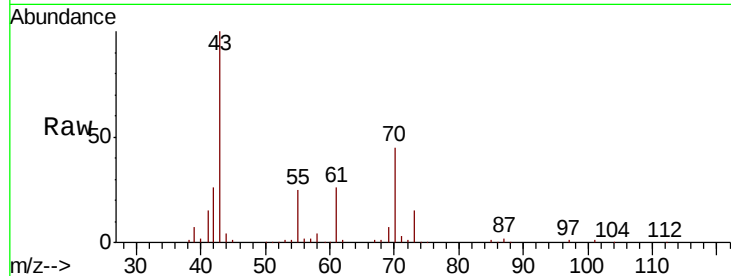




#47
n-amy1 Acetate
Concen: 18.781 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

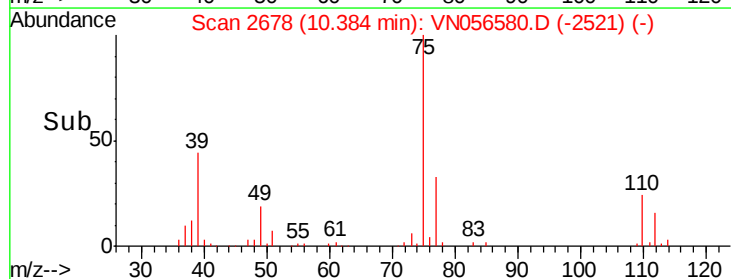
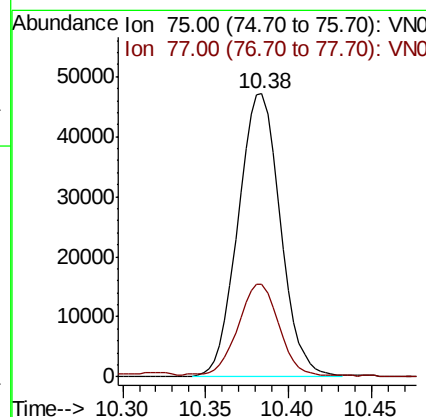
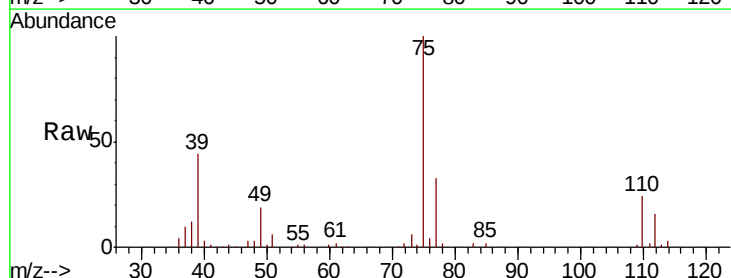
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

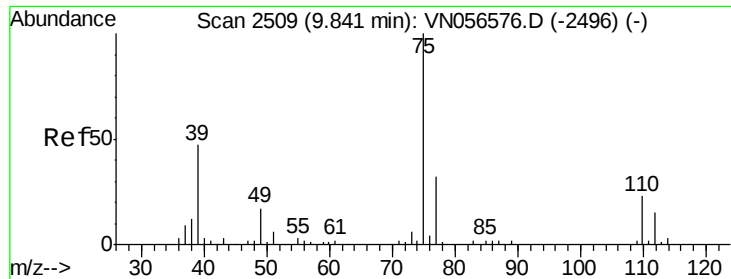
Tgt Ion: 43 Resp: 112289
Ion Ratio Lower Upper
43 100
55 25.8 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 18.881 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion: 75 Resp: 83898
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0

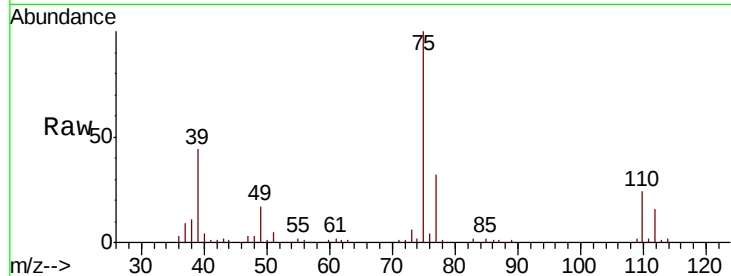




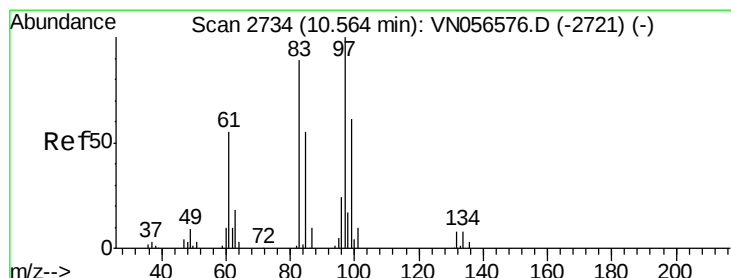
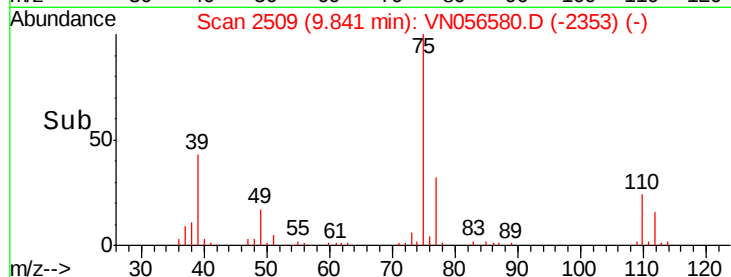
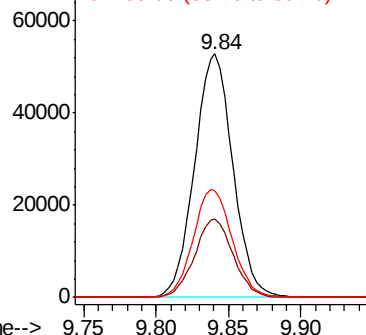
#49
 cis-1,3-Dichloropropene
 Concen: 18.946 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

Tgt Ion: 75 Resp: 97103
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.1 37.7
 39 43.8 34.3 51.5

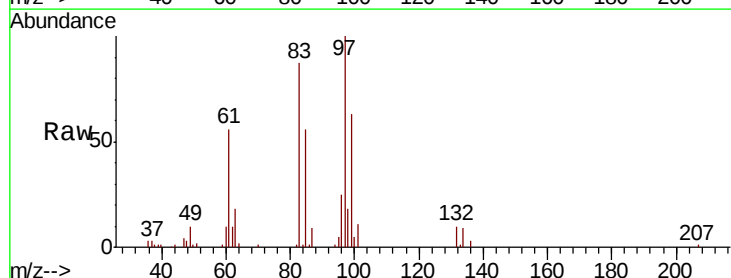


Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

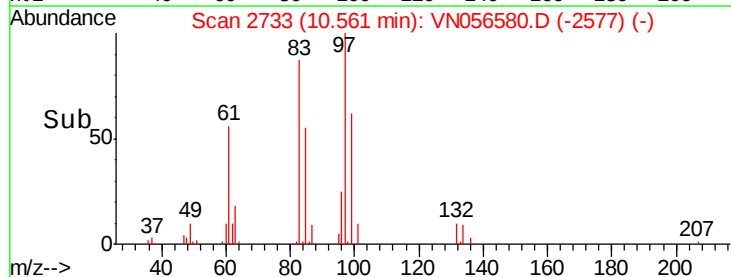
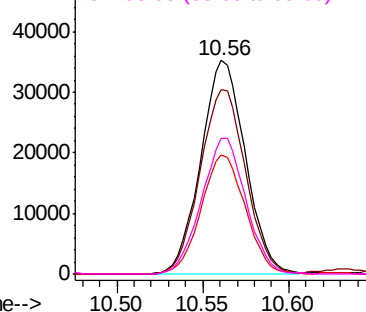


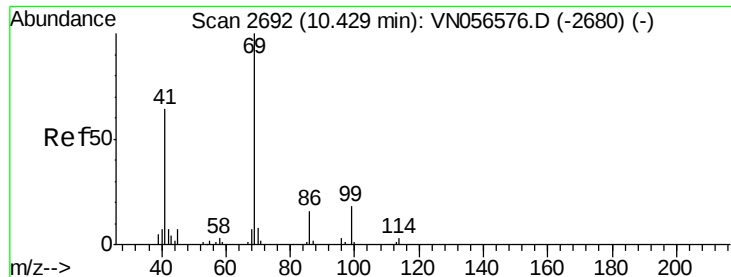
#50
 1,1,2-Trichloroethane
 Concen: 19.222 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 97 Resp: 63346
 Ion Ratio Lower Upper
 97 100
 83 86.5 66.9 100.3
 85 55.8 43.3 64.9
 99 63.5 48.6 73.0



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





#51

Ethyl methacrylate

Concen: 19.268 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

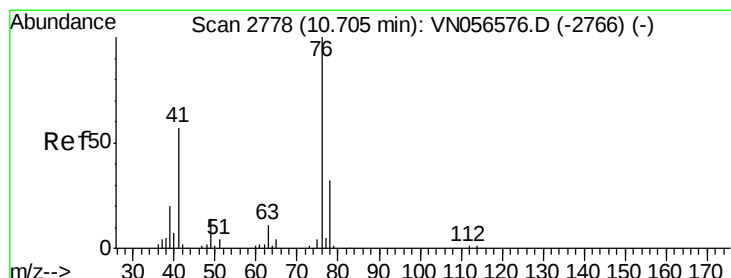
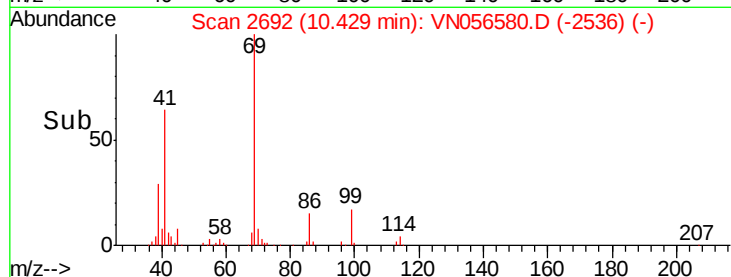
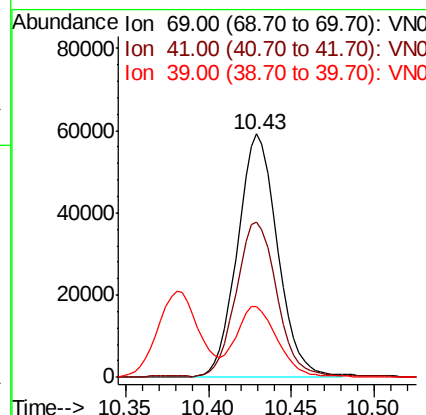
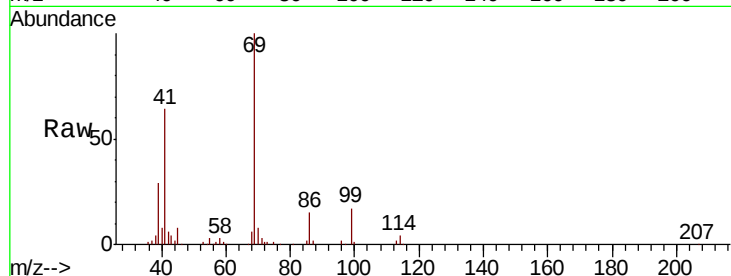
Instrument :

MSVOA_N

ClientSampled :

ICVVN070319

Tgt Ion:	69	Resp:	100005
Ion	Ratio	Lower	Upper
69	100		
41	63.6	30.8	92.3
39	28.5	14.5	43.6



#52

1,3-Dichloropropane

Concen: 19.078 ug/l

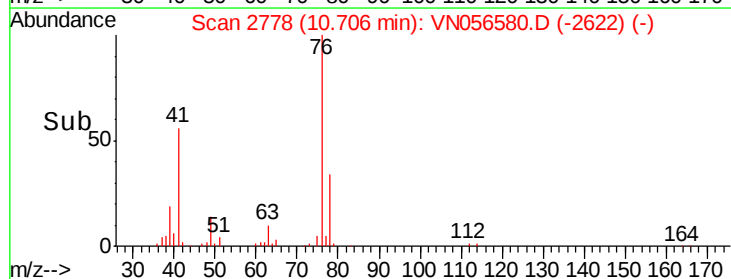
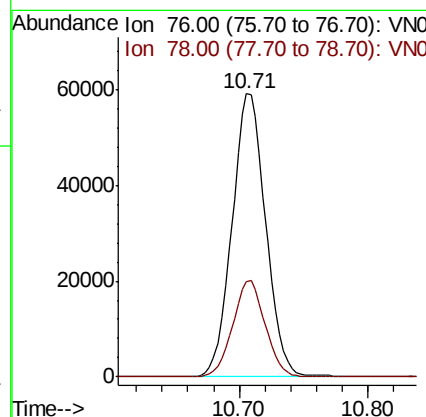
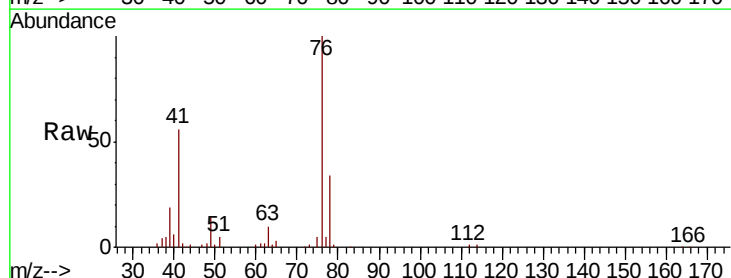
RT: 10.71 min Scan# 2778

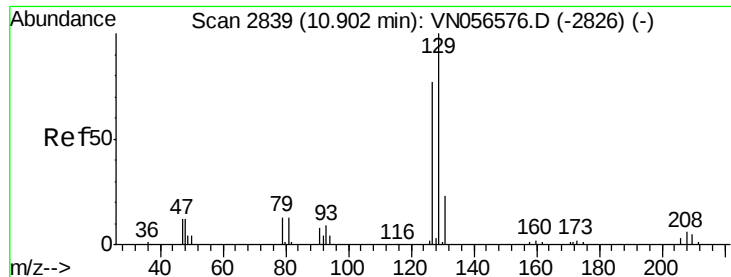
Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Tgt Ion:	76	Resp:	106836
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	63.4





#53

Dibromochloromethane

Concen: 18.530 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

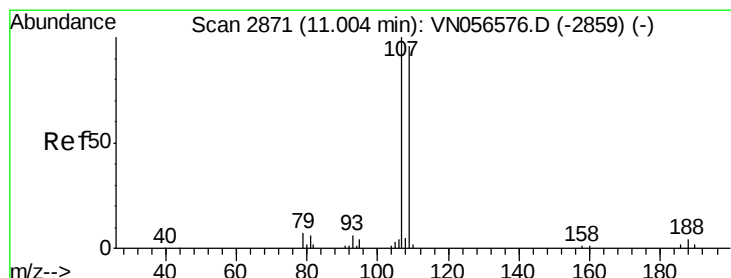
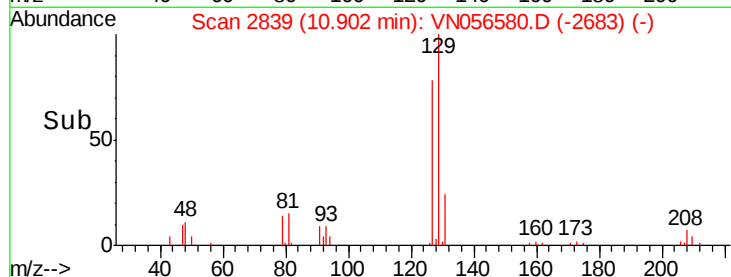
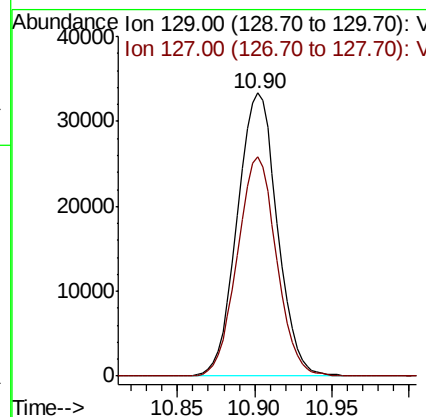
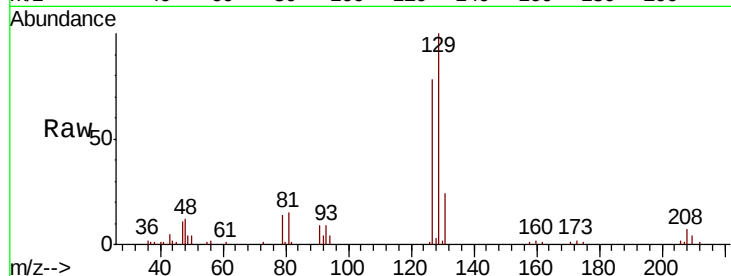
ICVVN070319

Tgt Ion:129 Resp: 59853

Ion Ratio Lower Upper

129 100

127 76.2 39.1 117.5



#54

1,2-Dibromoethane

Concen: 19.151 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056580.D

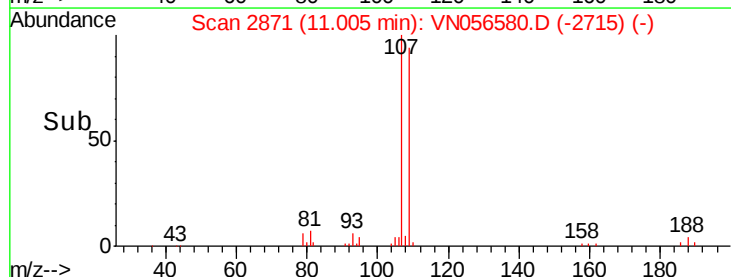
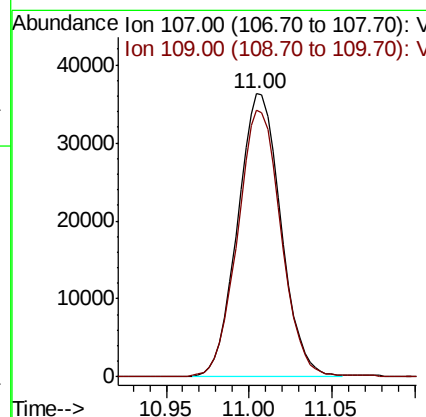
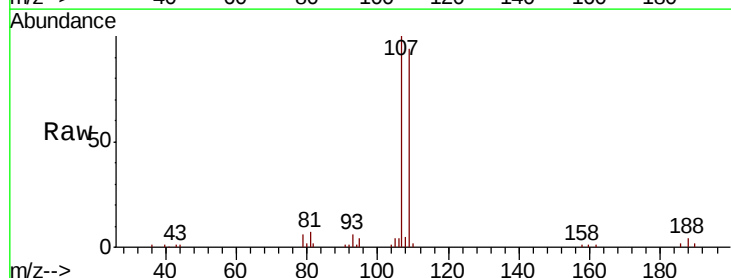
Acq: 3 Jul 2019 11:06

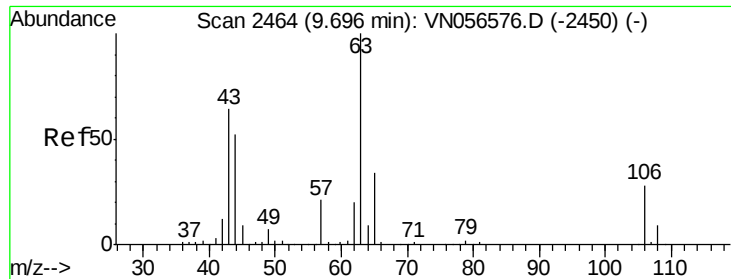
Tgt Ion:107 Resp: 65761

Ion Ratio Lower Upper

107 100

109 94.7 76.8 115.2

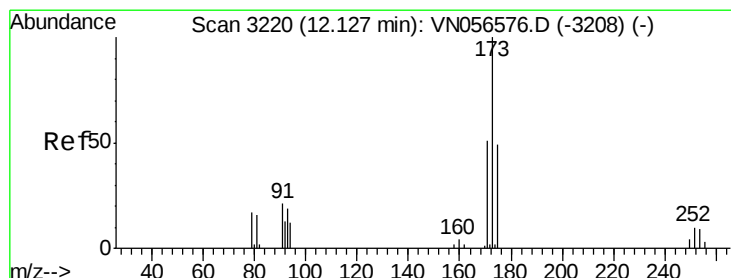
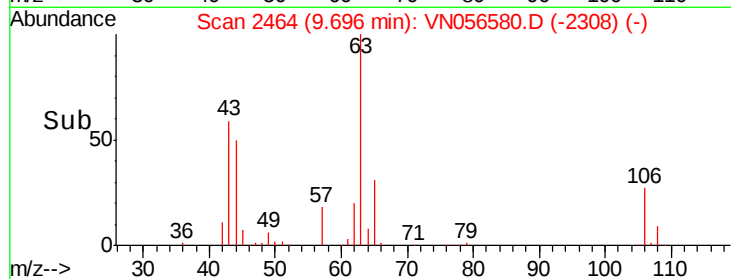
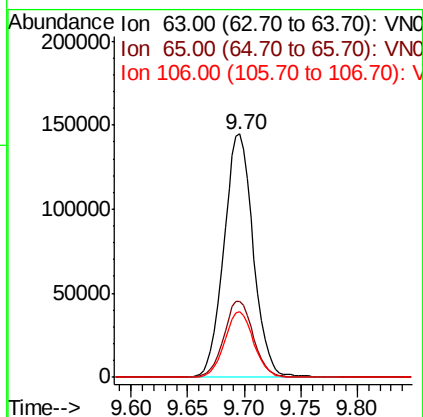
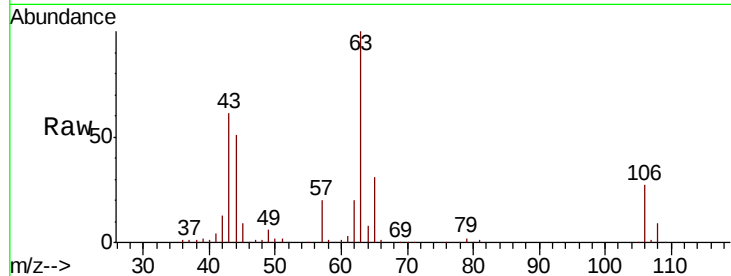




#55
 2-Chloroethyl vinyl ether
 Concen: 98.883 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

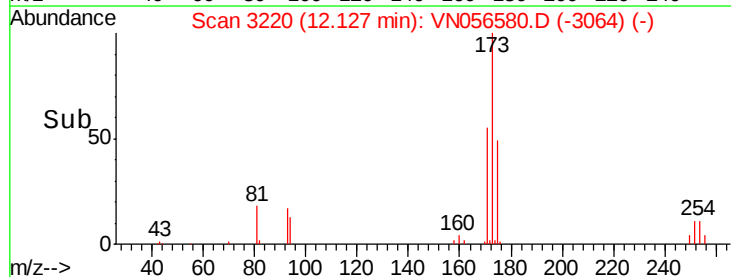
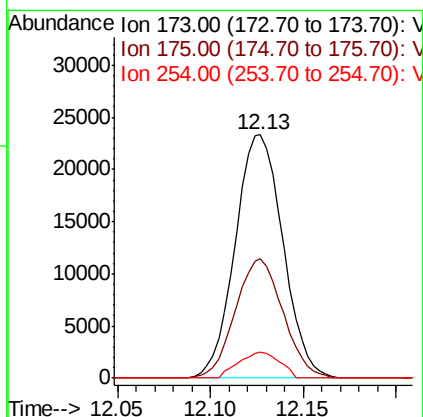
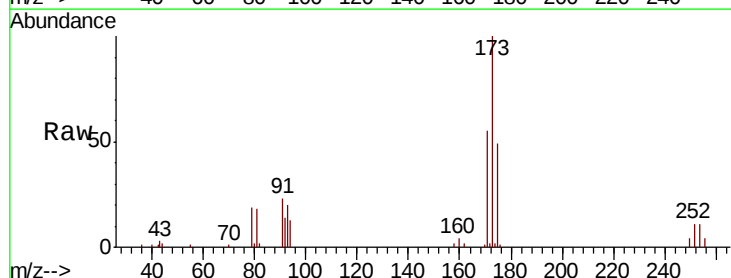
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

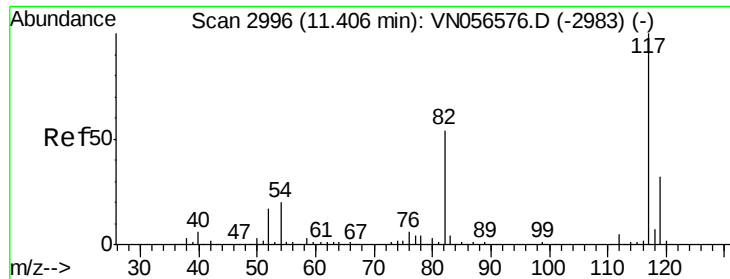
Tgt Ion: 63 Resp: 261525
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.5 38.3
 106 26.6 23.0 34.4



#56
 Bromoform
 Concen: 17.834 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 173 Resp: 41856
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.7 58.1
 254 9.1 6.6 9.8

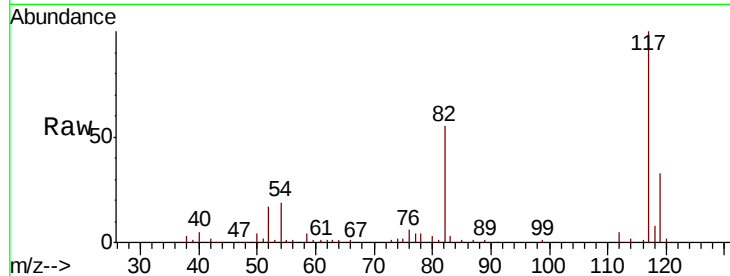




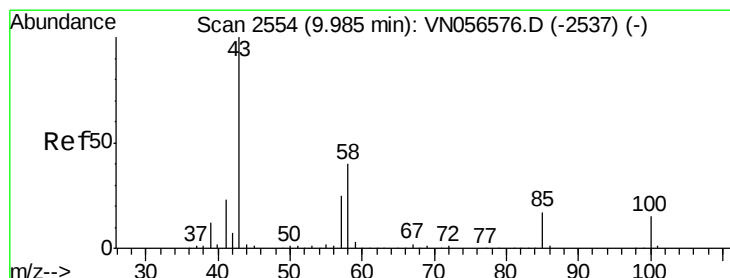
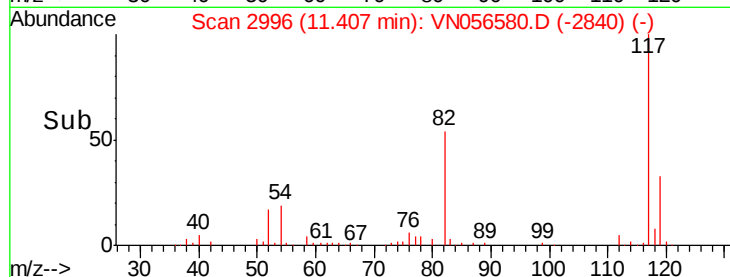
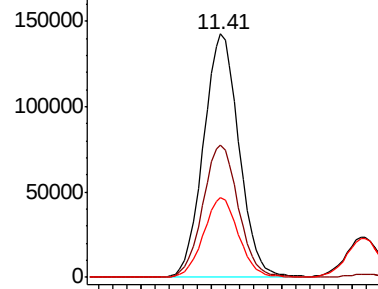
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

Tgt Ion: 117 Resp: 251873
Ion Ratio Lower Upper
117 100
82 54.4 41.2 61.8
119 32.2 26.2 39.2

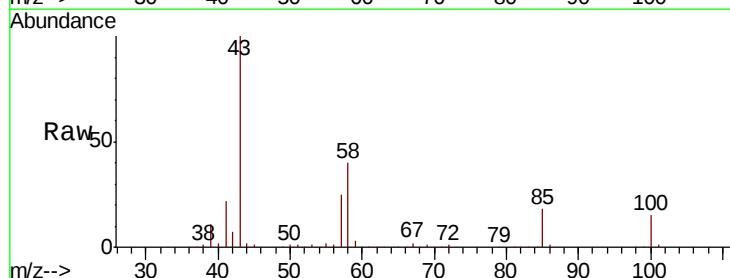


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

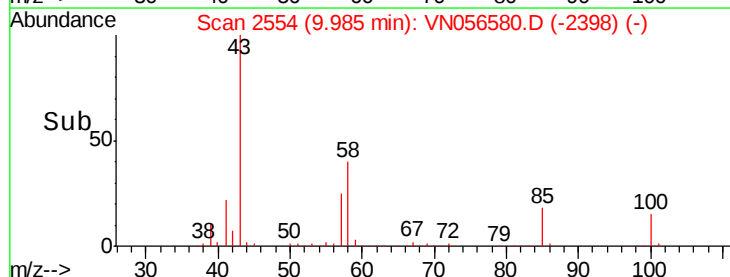
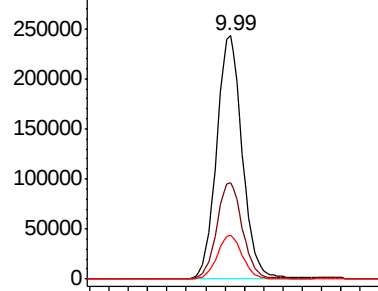


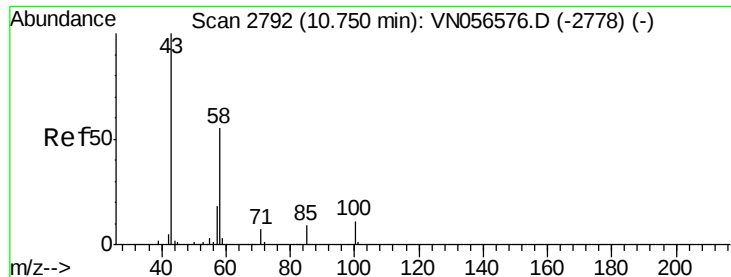
#58
4-Methyl-2-Pentanone
Concen: 98.933 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion: 43 Resp: 448031
Ion Ratio Lower Upper
43 100
58 39.8 33.1 49.7
85 17.6 15.5 23.3



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

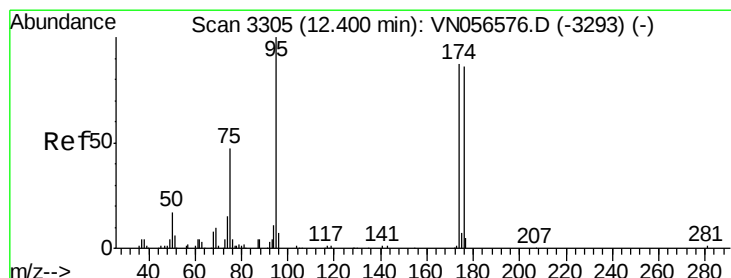
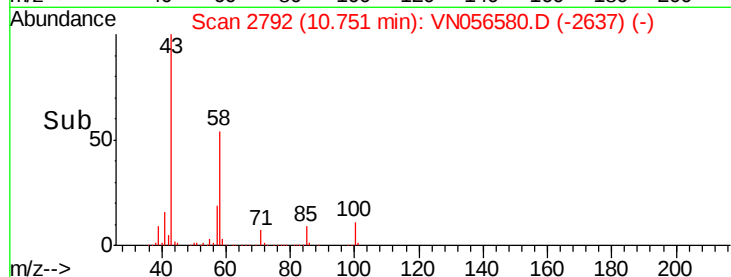
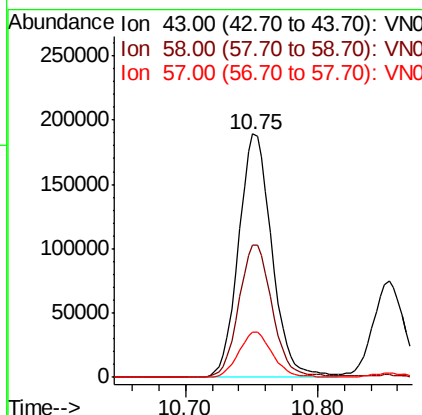
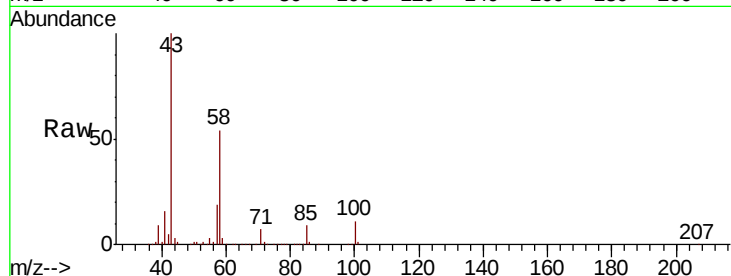




#59
2-Hexanone
Concen: 98.182 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

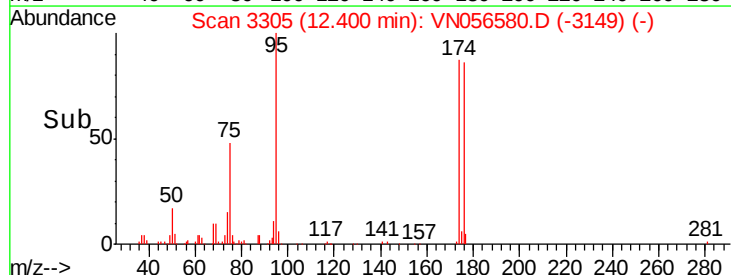
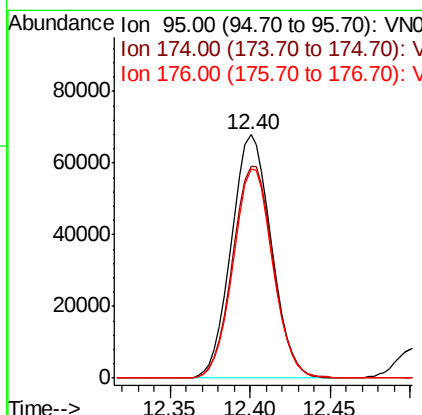
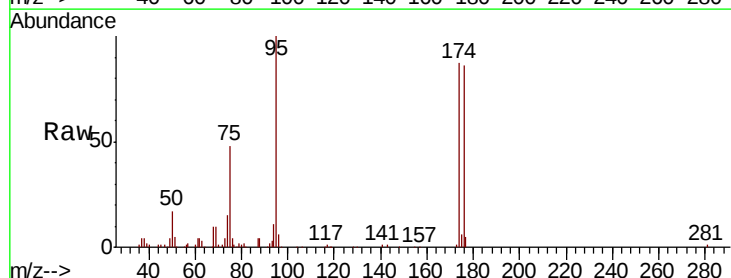
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

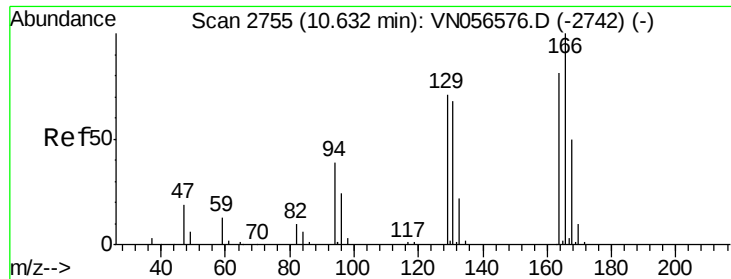
Tgt Ion: 43 Resp: 329937
Ion Ratio Lower Upper
43 100
58 55.1 45.3 67.9
57 18.7 15.6 23.4



#60
4-Bromofluorobenzene
Concen: 29.895 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion: 95 Resp: 115706
Ion Ratio Lower Upper
95 100
174 88.1 75.4 113.0
176 85.1 73.9 110.9





#61

Tetrachloroethene

Concen: 20.505 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070319

Tgt Ion:164 Resp: 64824

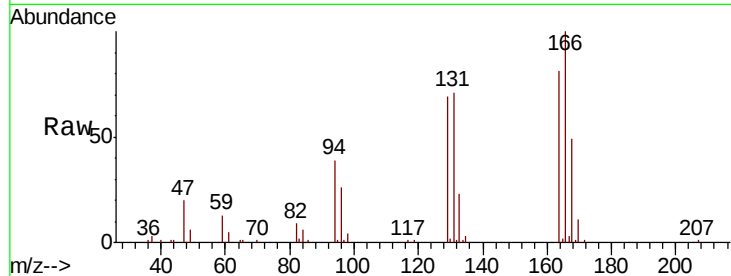
Ion Ratio Lower Upper

164 100

166 124.1 104.3 156.5

129 85.6 71.5 107.3

131 87.9 67.7 101.5

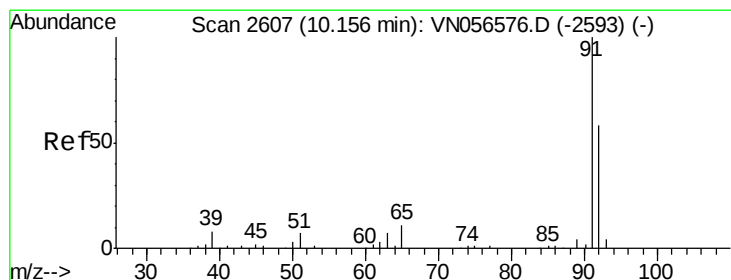
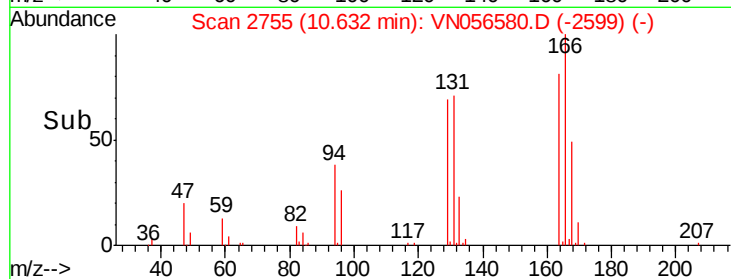
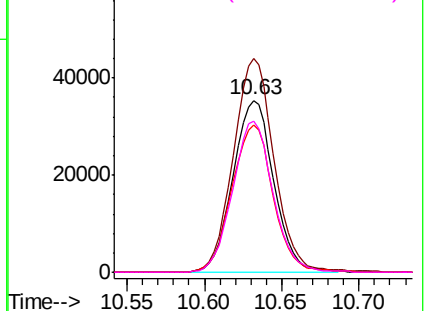


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.516 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056580.D

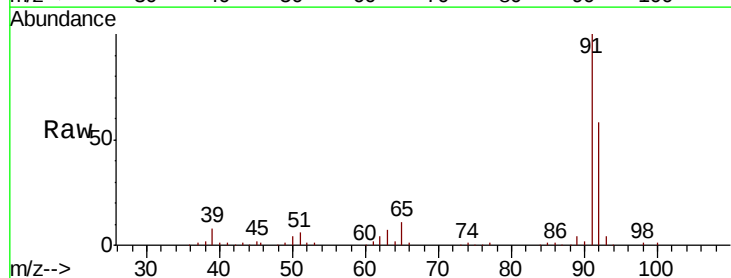
Acq: 3 Jul 2019 11:06

Tgt Ion: 91 Resp: 274345

Ion Ratio Lower Upper

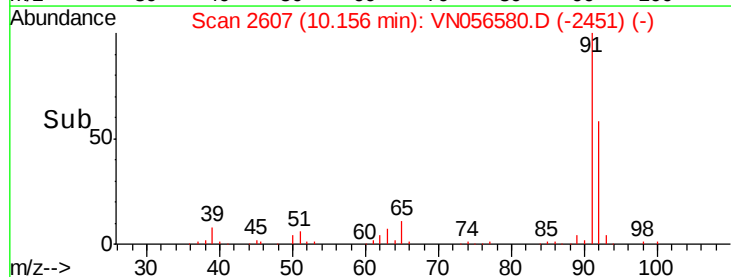
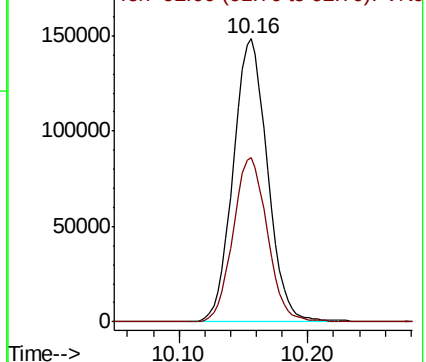
91 100

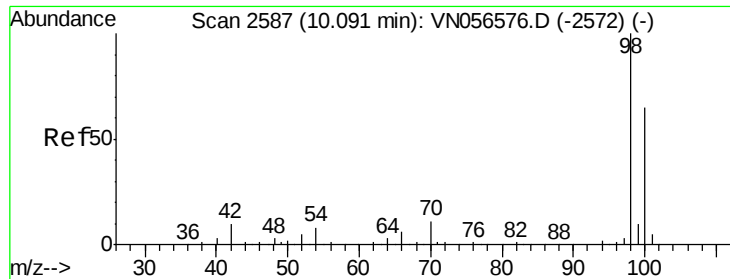
92 58.1 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.129 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

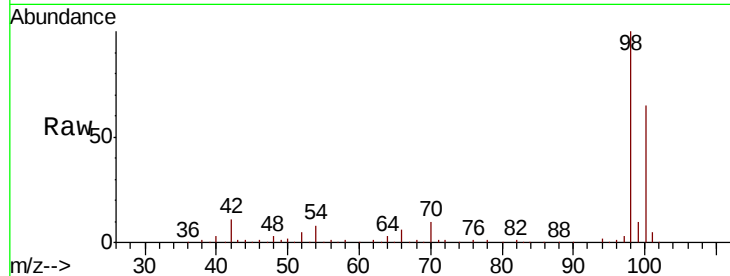
ICVVN070319

Tgt Ion: 98 Resp: 352635

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.4



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

Ion 100.00 (99.70 to 100.70): VN056576.D (-2572) (-)

10.09

200000

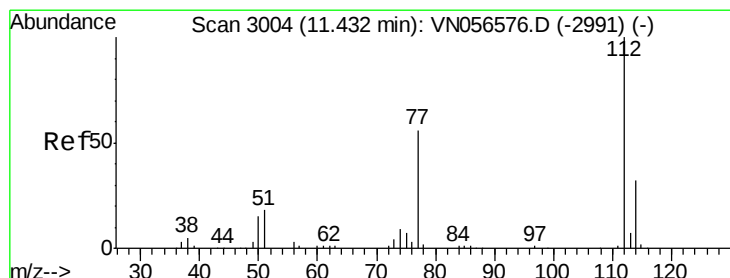
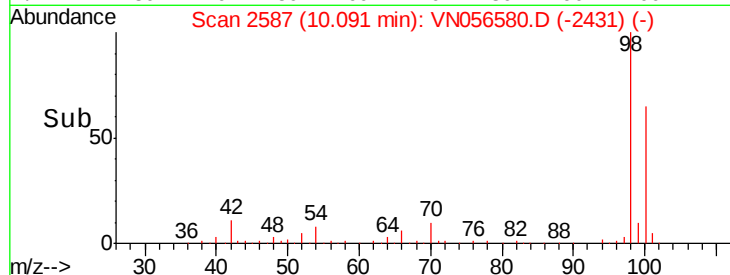
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 19.721 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056580.D

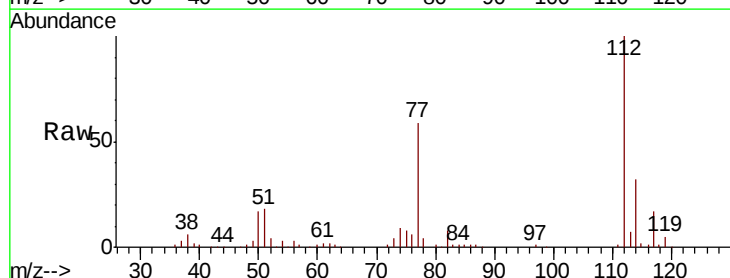
Acq: 3 Jul 2019 11:06

Tgt Ion: 112 Resp: 167016

Ion Ratio Lower Upper

112 100

114 31.9 26.1 39.1



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

Ion 114.00 (113.70 to 114.70): VN056576.D (-2991) (-)

11.43

100000

80000

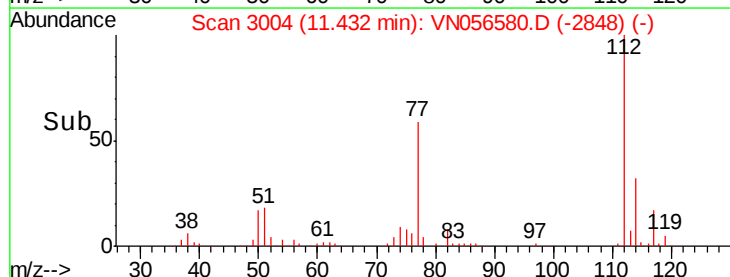
60000

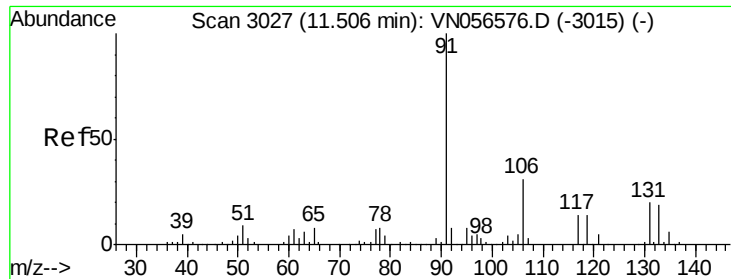
40000

20000

0

Time-->

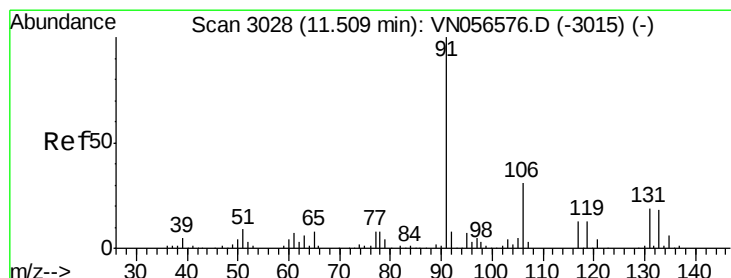
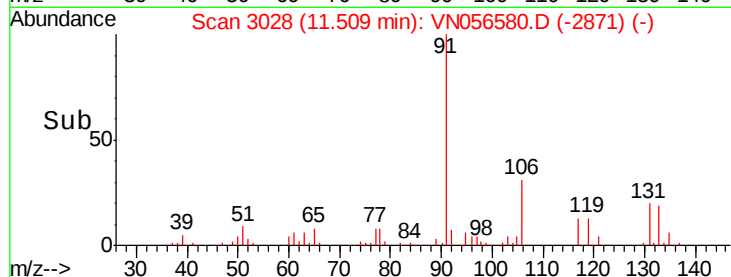
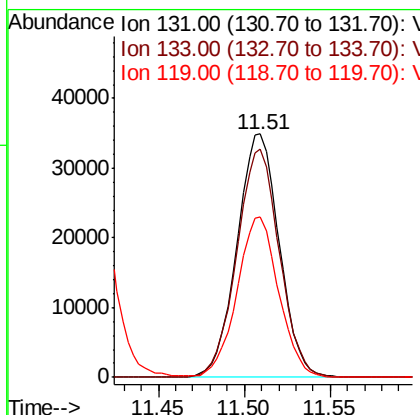
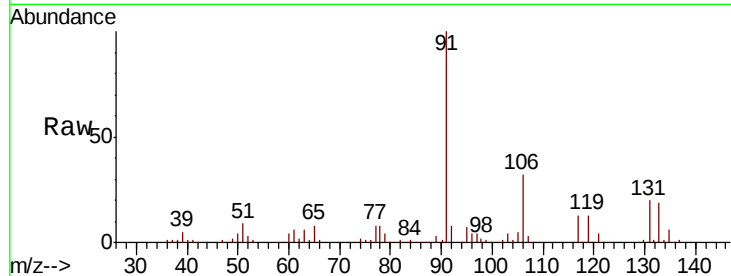




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.564 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

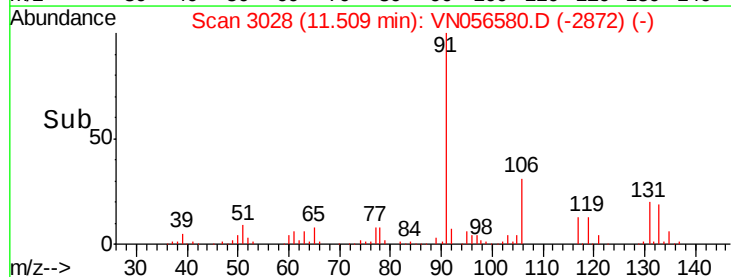
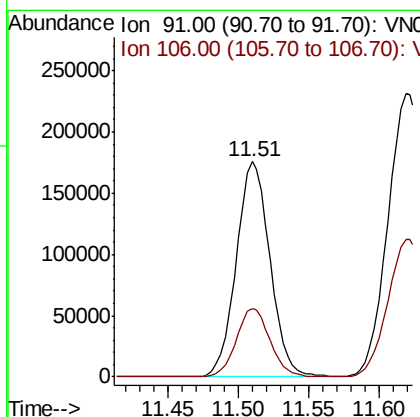
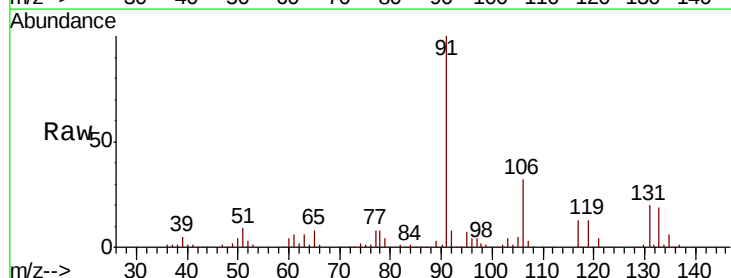
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

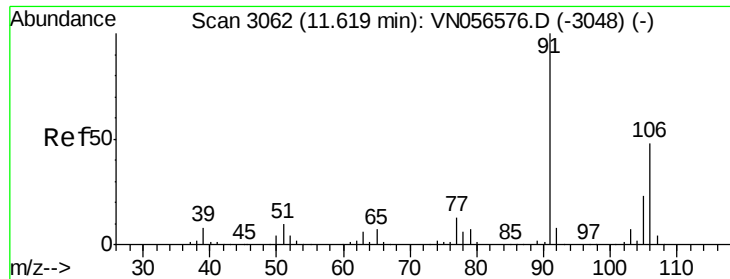
Tgt Ion: 131 Resp: 59670
 Ion Ratio Lower Upper
 131 100
 133 94.4 0.0 193.8
 119 65.0 0.0 134.4



#66
 Ethyl Benzene
 Concen: 19.381 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 91 Resp: 295403
 Ion Ratio Lower Upper
 91 100
 106 31.9 25.7 38.5

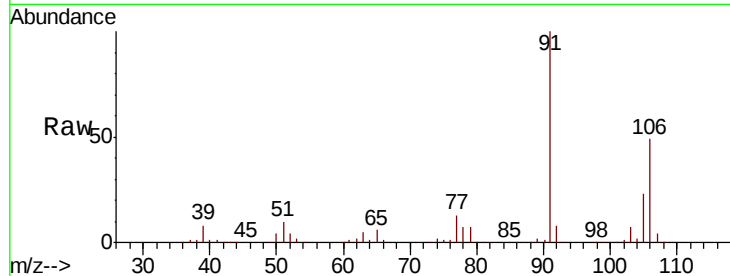




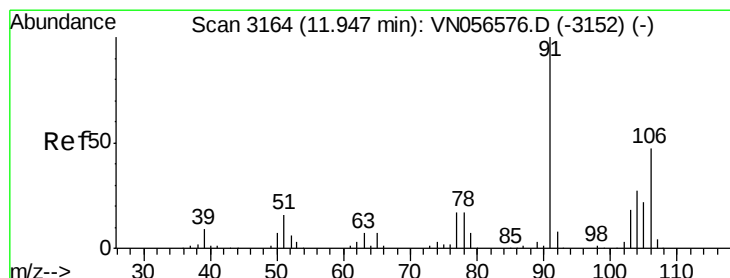
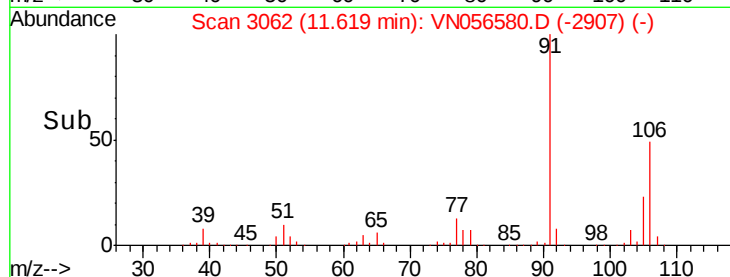
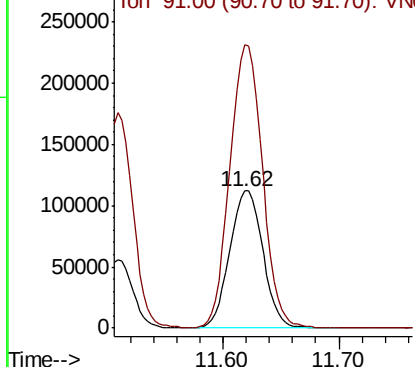
#67
m/p-Xylenes
Concen: 39.425 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Instrument :
MSVOA_N
ClientSampled :
ICVVN070319

Tgt Ion:106 Resp: 221765
Ion Ratio Lower Upper
106 100
91 203.5 155.7 233.5

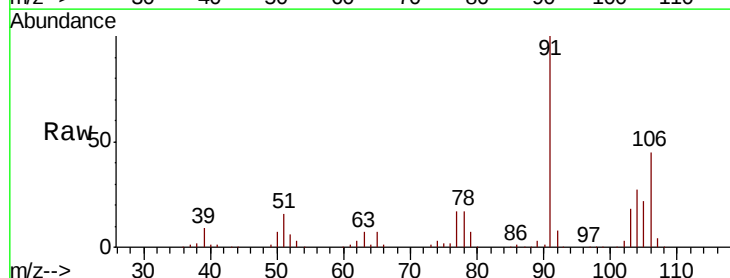


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

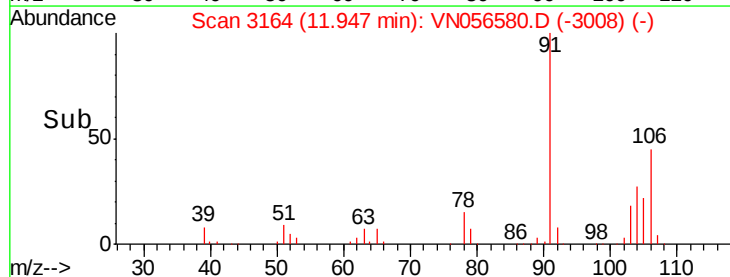
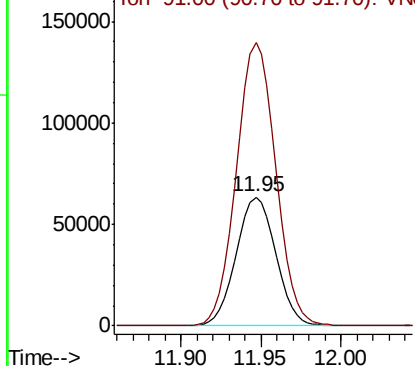


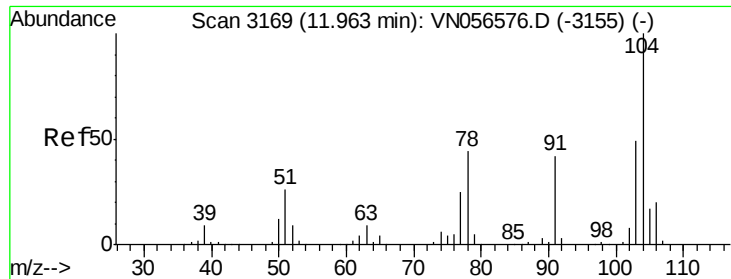
#68
o-Xylene
Concen: 19.287 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion:106 Resp: 107290
Ion Ratio Lower Upper
106 100
91 218.4 103.9 311.7



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

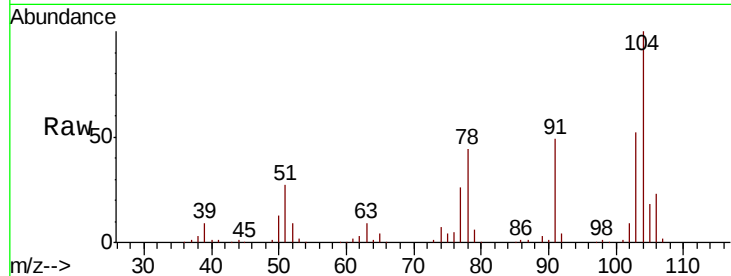




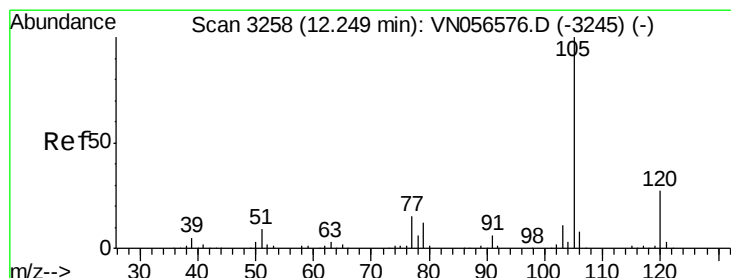
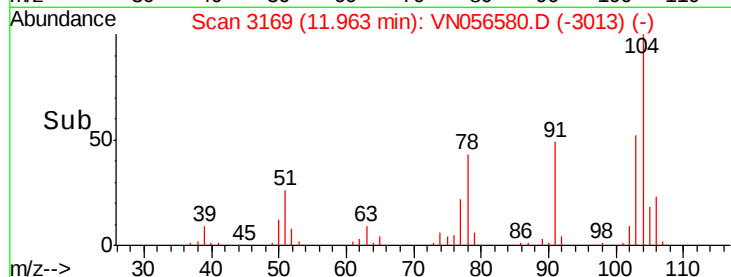
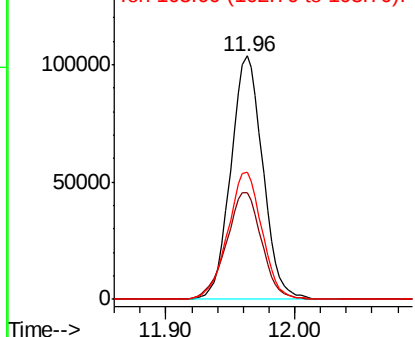
#69
Styrene
Concen: 19.282 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Instrument :
MSVOA_N
ClientSampled :
ICVVN070319

Tgt Ion:104 Resp: 178460
Ion Ratio Lower Upper
104 100
78 48.5 37.0 55.6
103 56.0 44.4 66.6

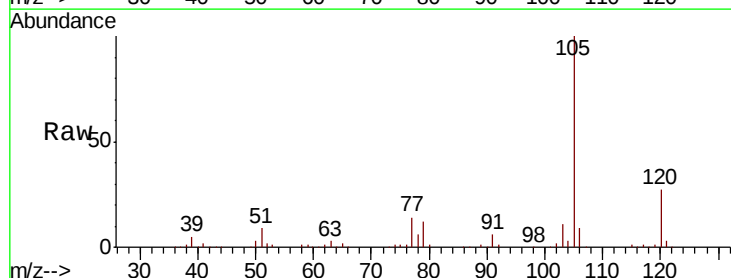


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

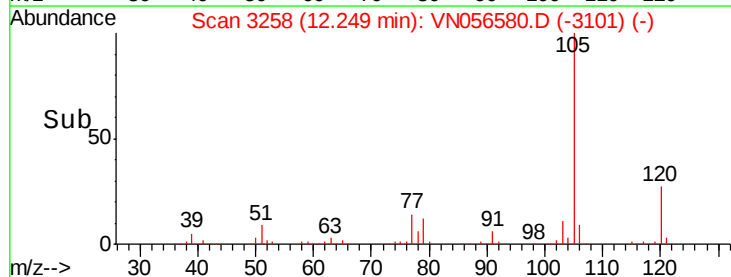
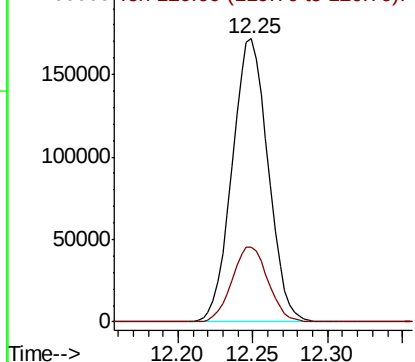


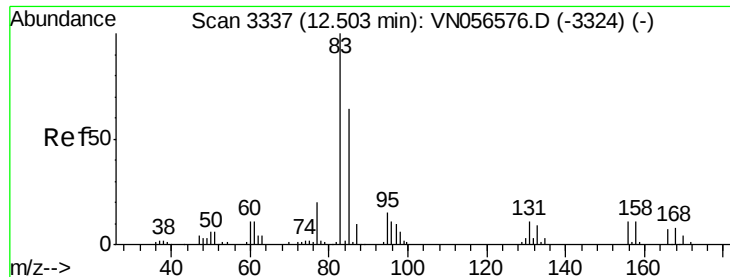
#70
Isopropylbenzene
Concen: 19.807 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion:105 Resp: 287477
Ion Ratio Lower Upper
105 100
120 26.6 19.3 35.8



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

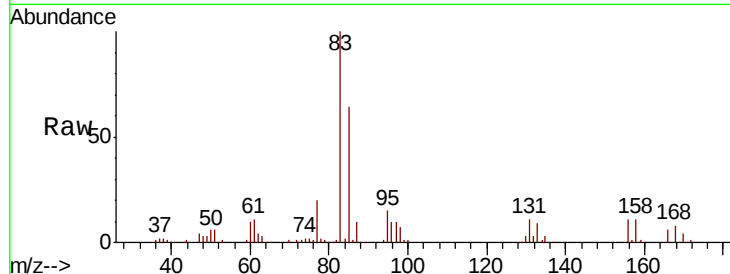




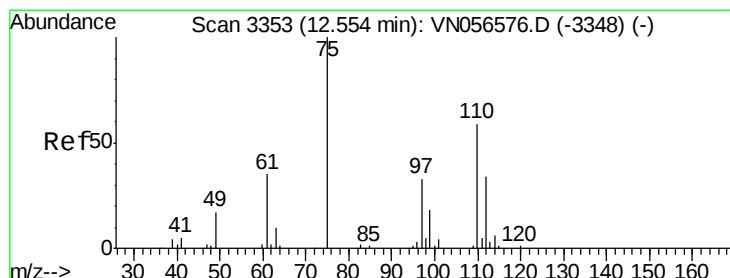
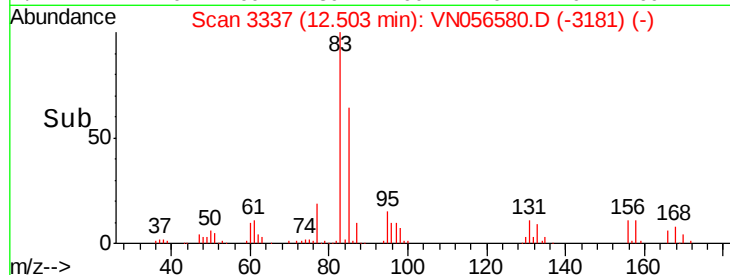
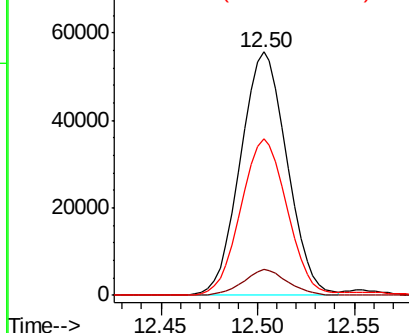
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.456 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

Tgt Ion: 83 Resp: 93356
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.2 15.6
 85 64.0 31.6 94.7

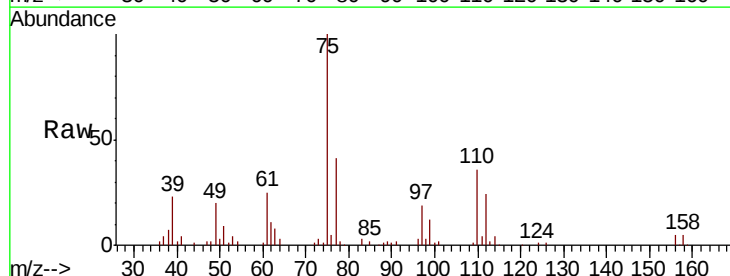


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

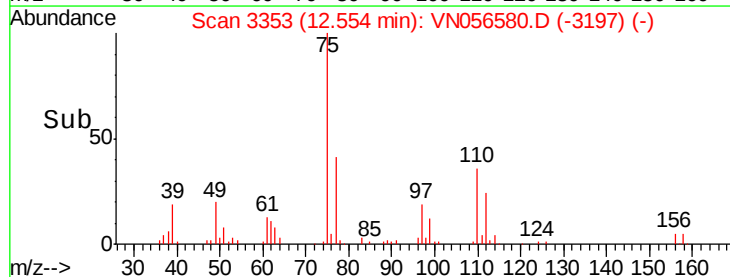
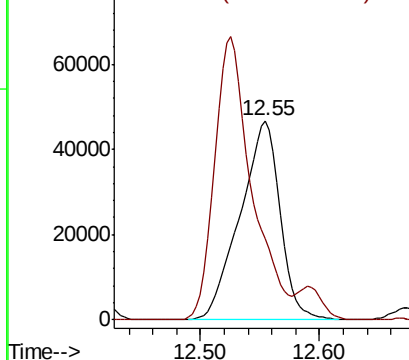


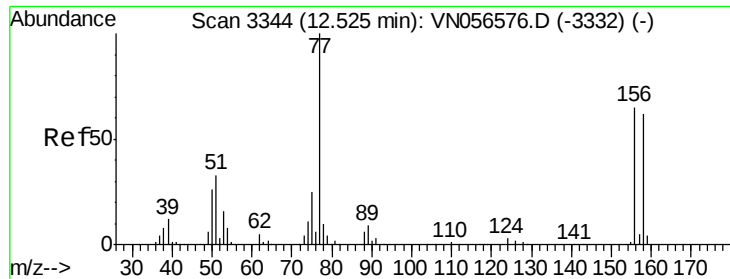
#72
 1,2,3-Trichloropropane
 Concen: 26.962 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion: 75 Resp: 108798
 Ion Ratio Lower Upper
 75 100
 77 132.1 0.0 350.0



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





#73

Bromobenzene

Concen: 19.495 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070319

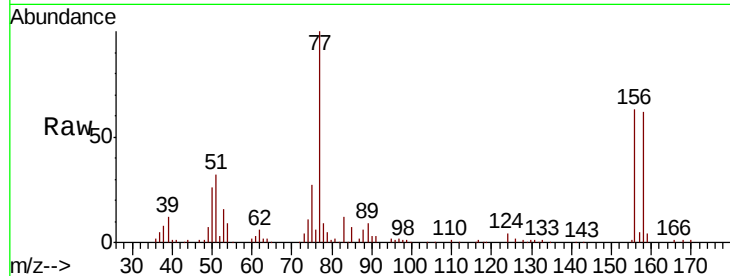
Tgt Ion:156 Resp: 72976

Ion Ratio Lower Upper

156 100

77 197.0 0.0 350.8

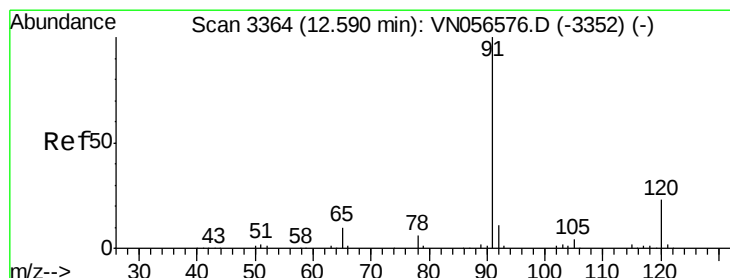
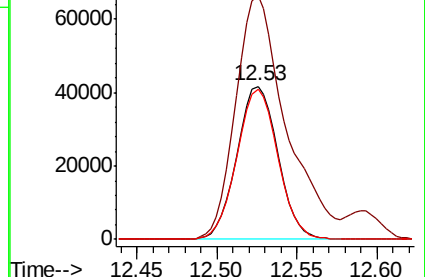
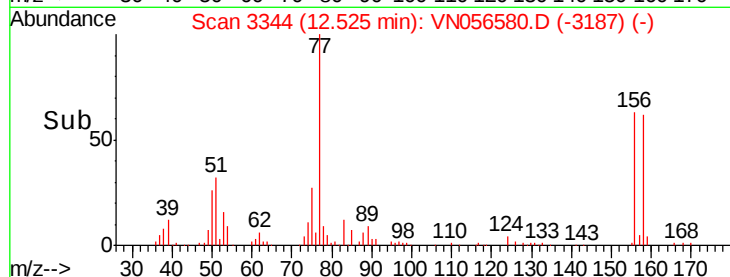
158 97.8 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.610 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056580.D

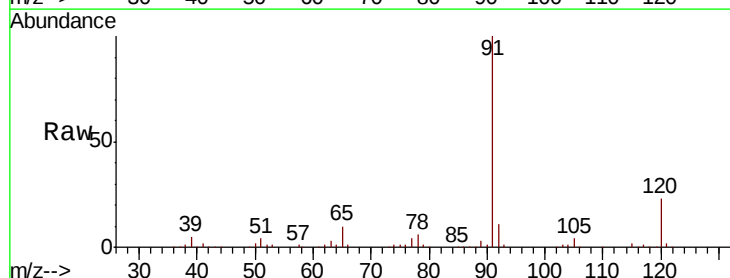
Acq: 3 Jul 2019 11:06

Tgt Ion: 91 Resp: 322905

Ion Ratio Lower Upper

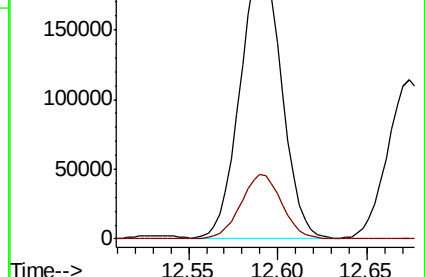
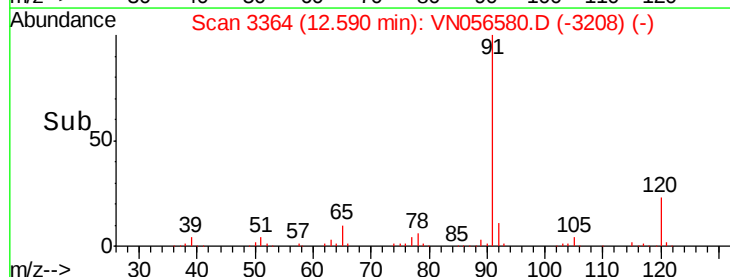
91 100

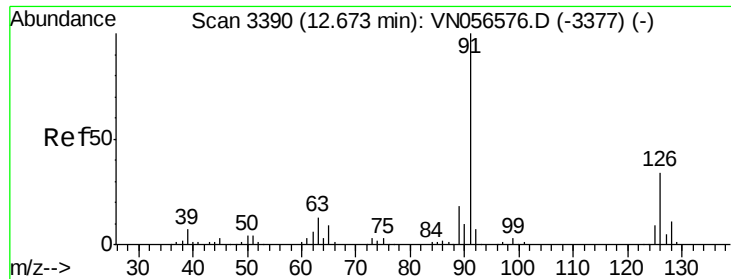
120 22.9 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.720 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

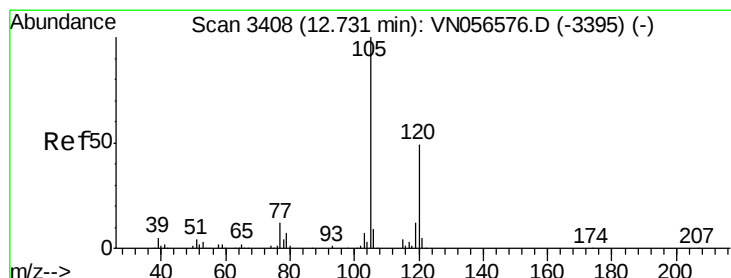
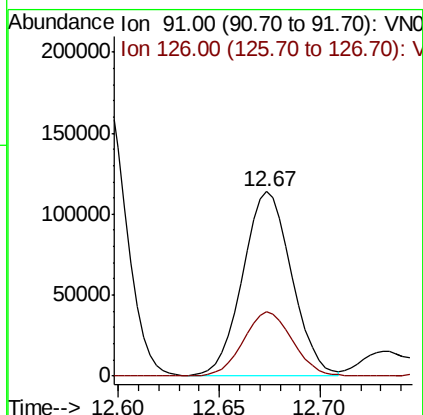
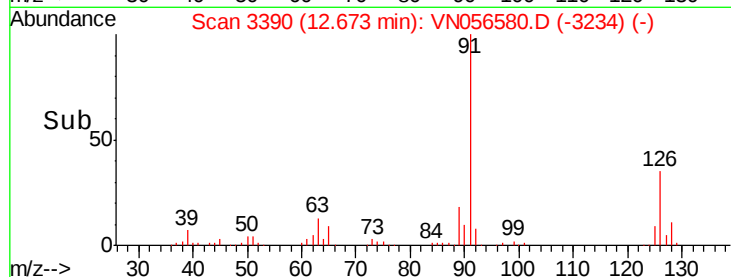
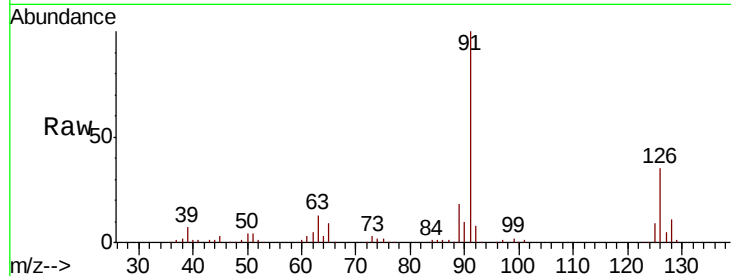
ICVVN070319

Tgt Ion: 91 Resp: 194172

Ion Ratio Lower Upper

91 100

126 34.8 0.0 72.4



#76

1,3,5-Trimethylbenzene

Concen: 19.691 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056580.D

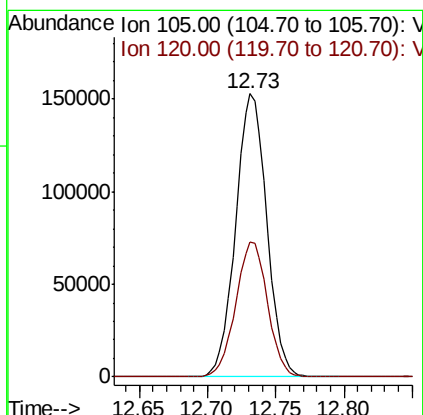
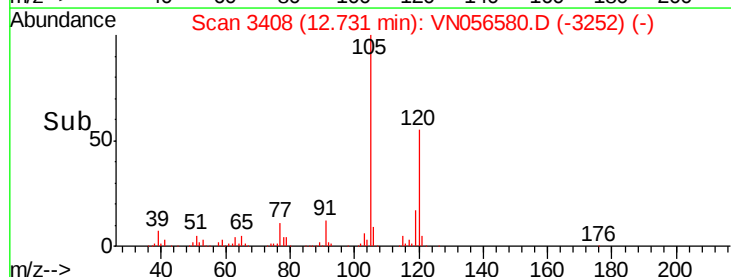
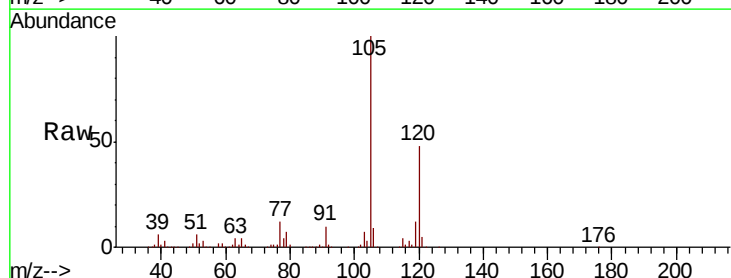
Acq: 3 Jul 2019 11:06

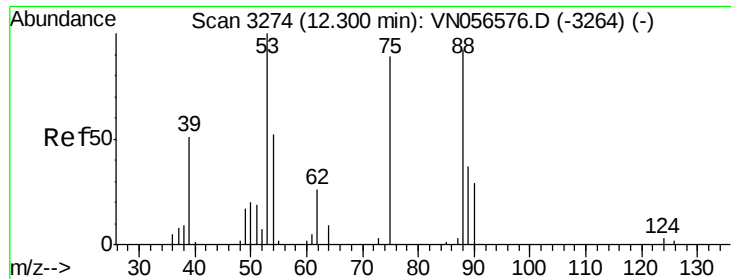
Tgt Ion: 105 Resp: 242012

Ion Ratio Lower Upper

105 100

120 48.5 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 17.814 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070319

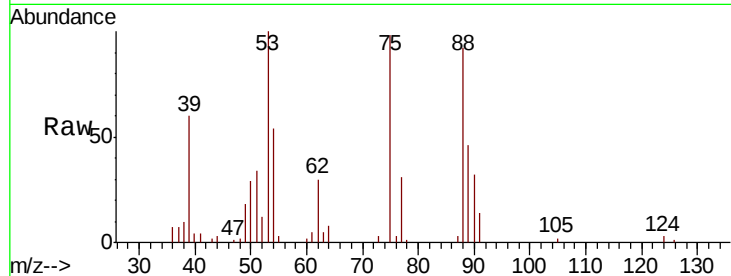
Tgt Ion: 75 Resp: 23025

Ion Ratio Lower Upper

75 100

53 100.2 48.0 144.0

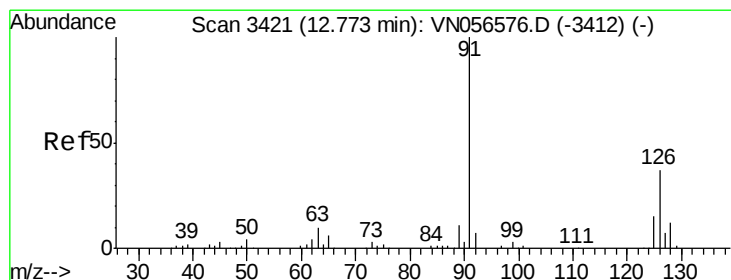
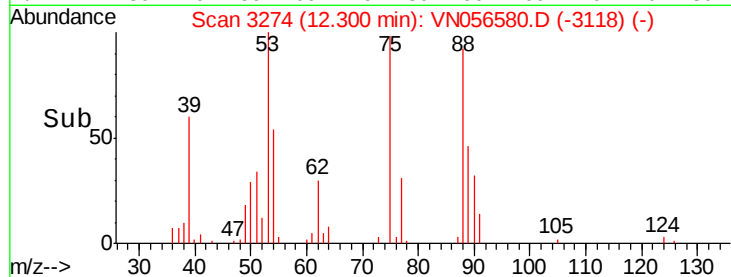
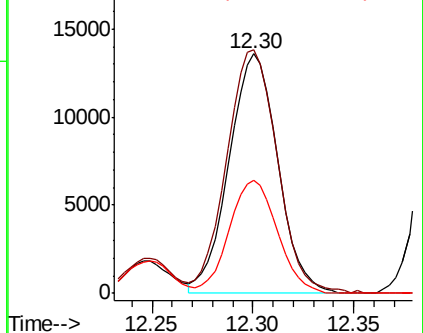
89 47.2 22.5 67.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.747 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056580.D

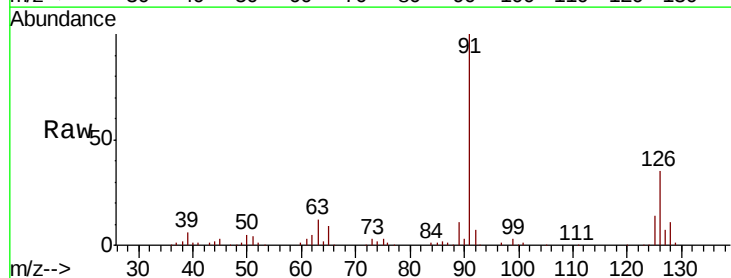
Acq: 3 Jul 2019 11:06

Tgt Ion: 91 Resp: 189099

Ion Ratio Lower Upper

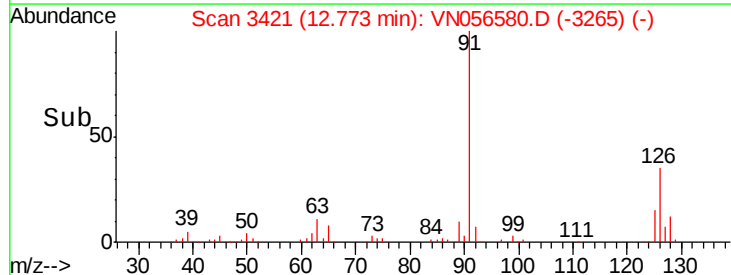
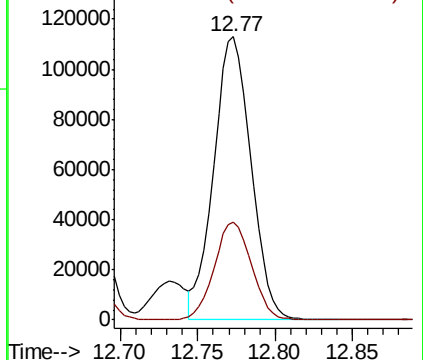
91 100

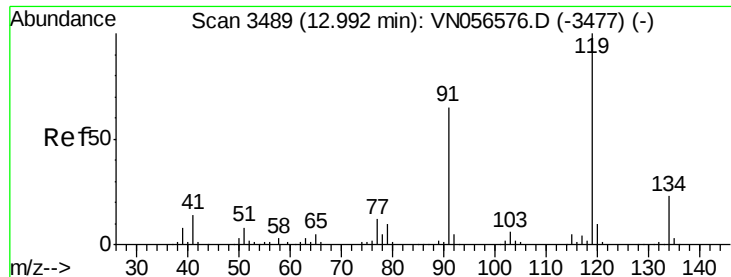
126 34.5 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

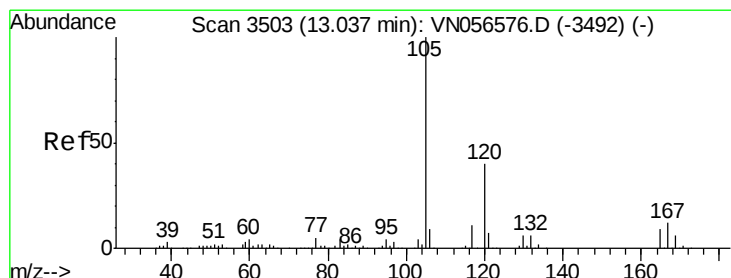
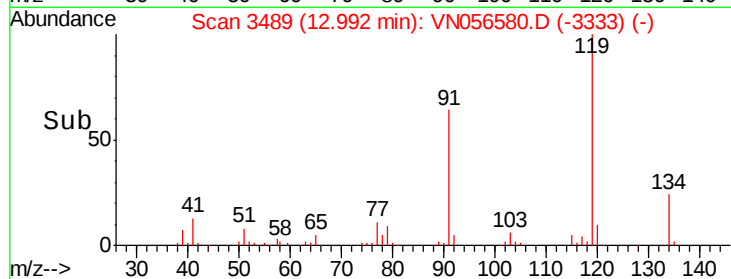
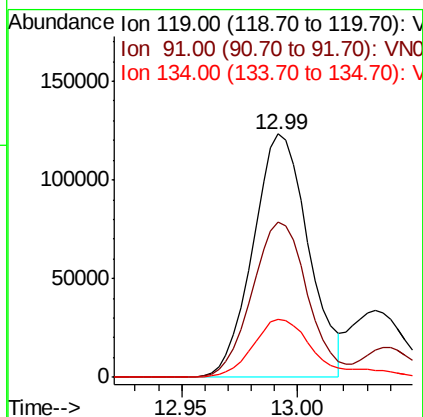
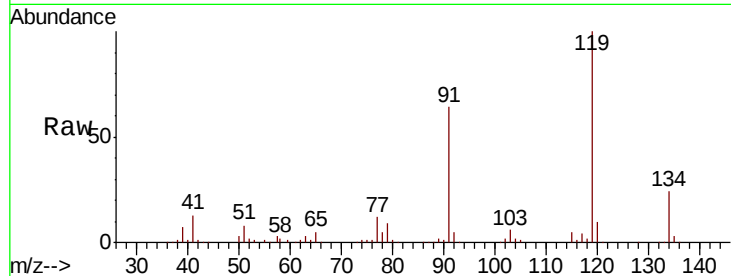




#79
tert-butylbenzene
Concen: 19.546 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

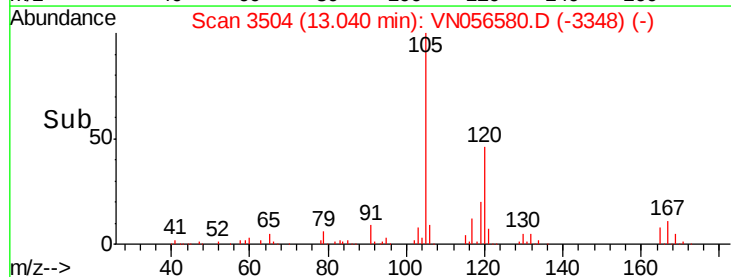
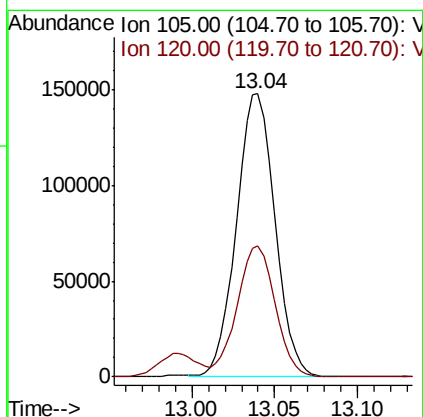
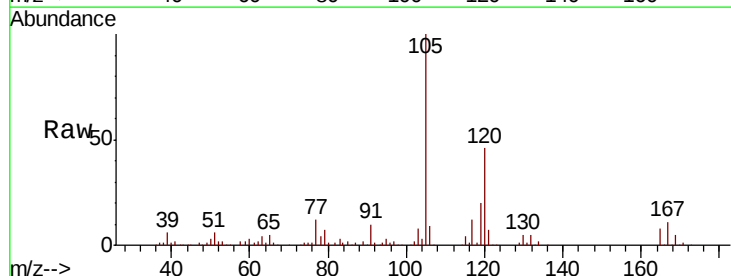
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

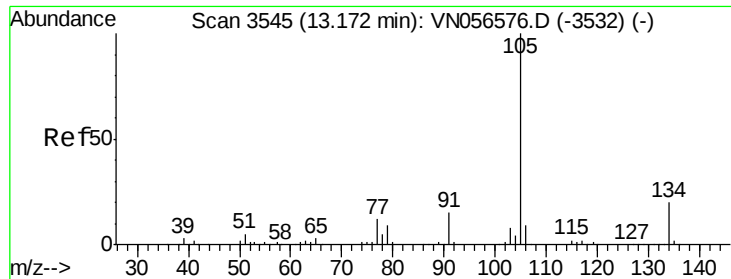
Tgt Ion:119 Resp: 205245
Ion Ratio Lower Upper
119 100
91 63.8 0.0 122.8
134 27.0 0.0 50.2



#80
1,2,4-Trimethylbenzene
Concen: 19.719 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion:105 Resp: 239368
Ion Ratio Lower Upper
105 100
120 45.7 0.0 93.4

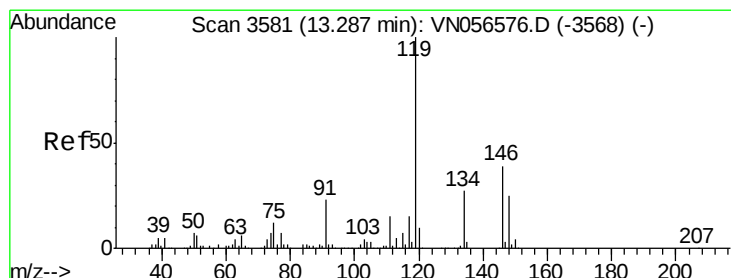
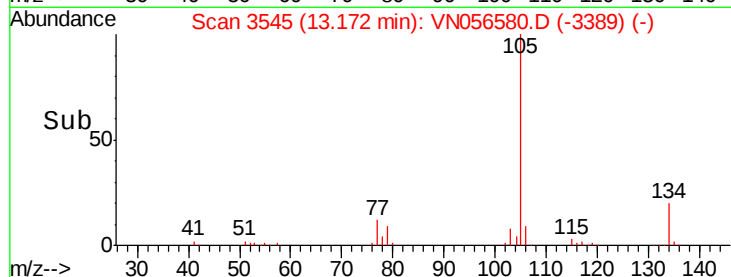
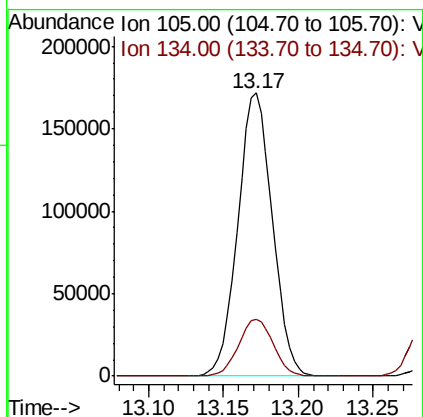
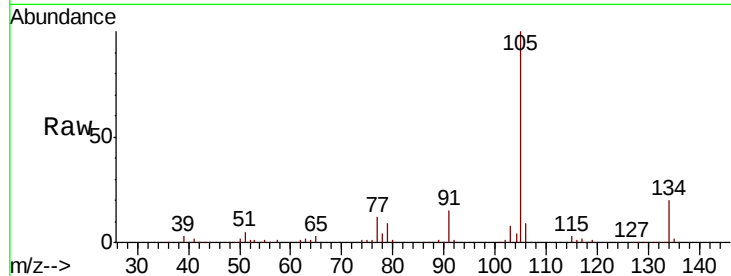




#81
 sec-Butylbenzene
 Concen: 19.783 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

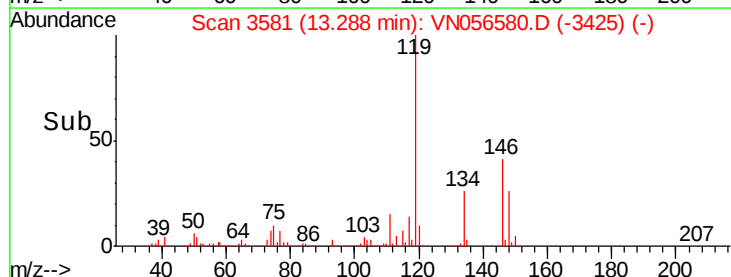
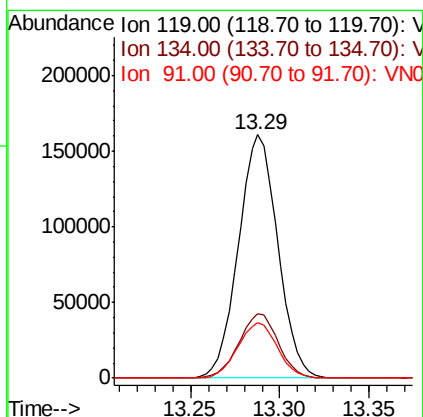
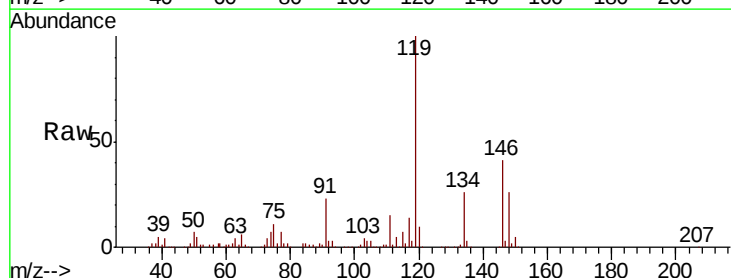
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

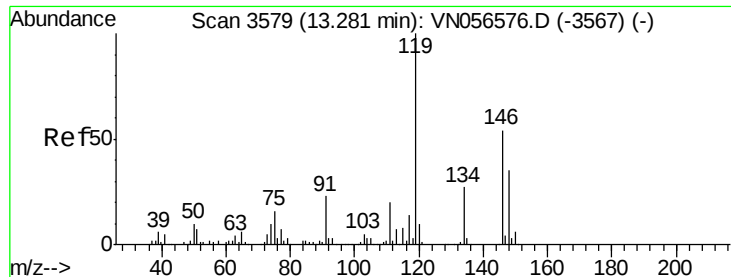
Tgt Ion:105 Resp: 275479
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.715 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion:119 Resp: 246823
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.4
 91 22.7 0.0 43.0

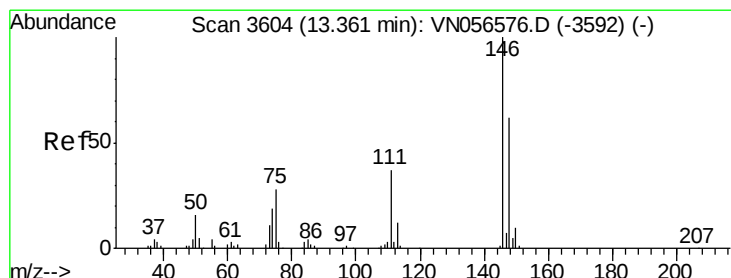
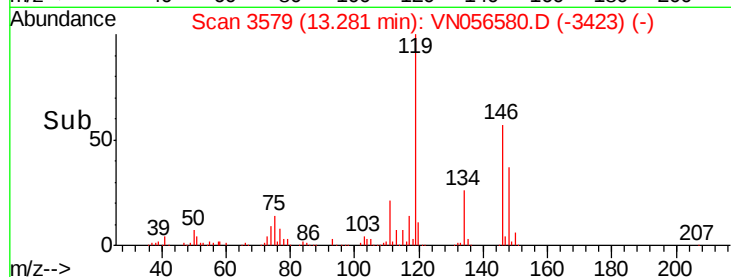
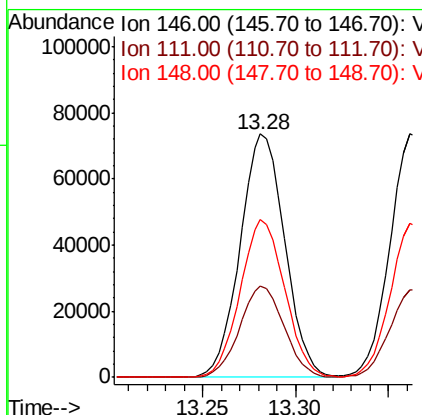
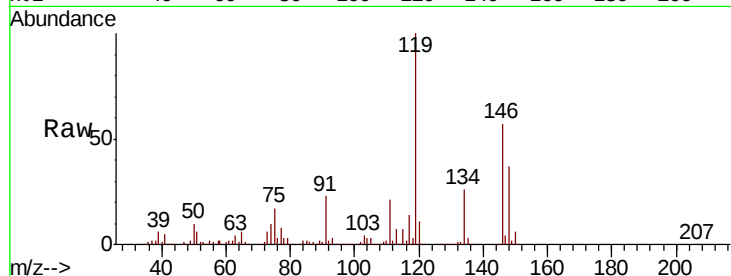




#83
 1,3-Dichlorobenzene
 Concen: 19.749 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

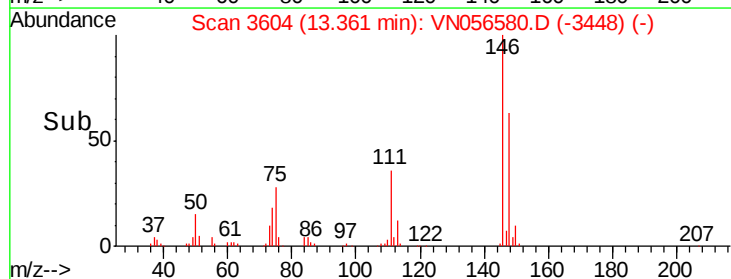
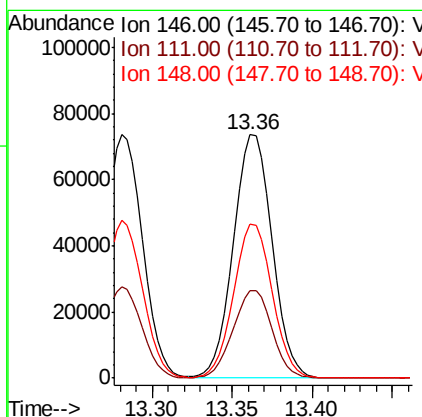
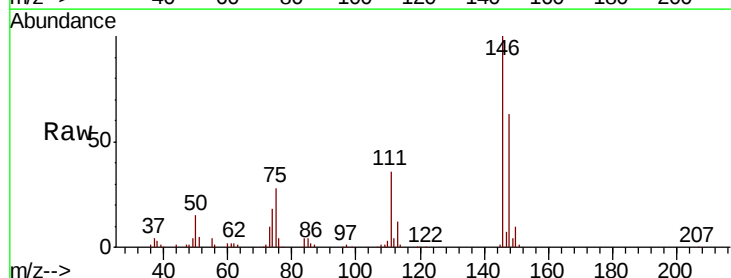
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

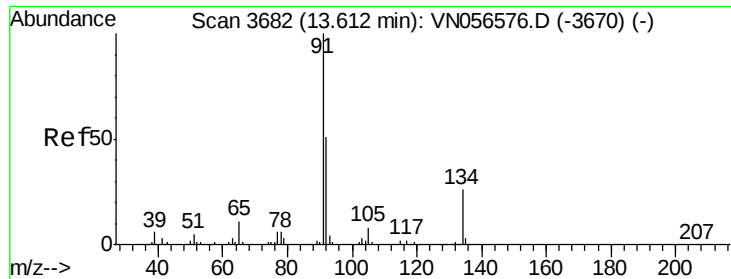
Tgt Ion:146 Resp: 122768
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.2 54.6
 148 64.6 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 20.197 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion:146 Resp: 121112
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.6 52.9
 148 63.3 32.1 96.3

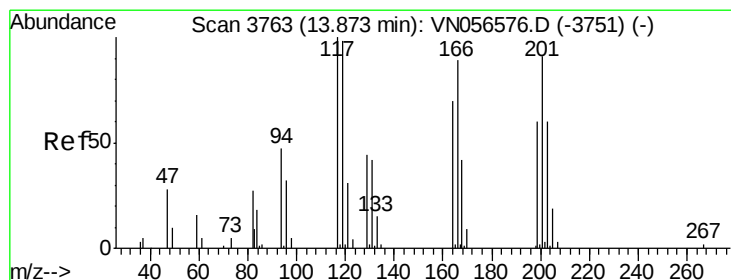
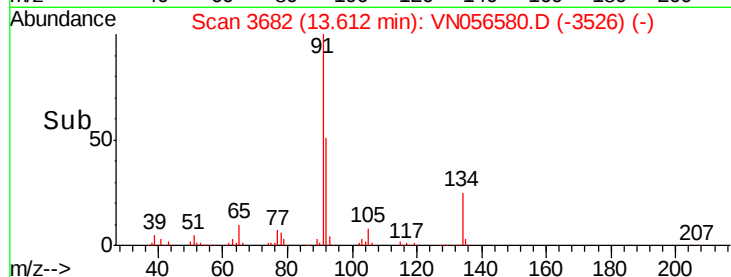
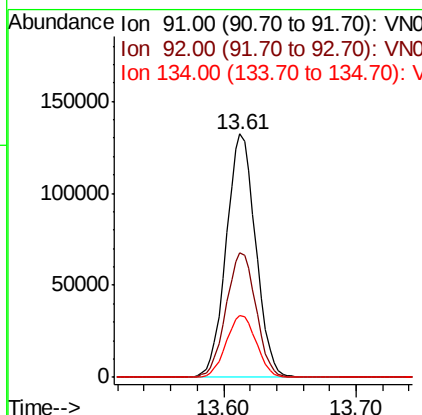
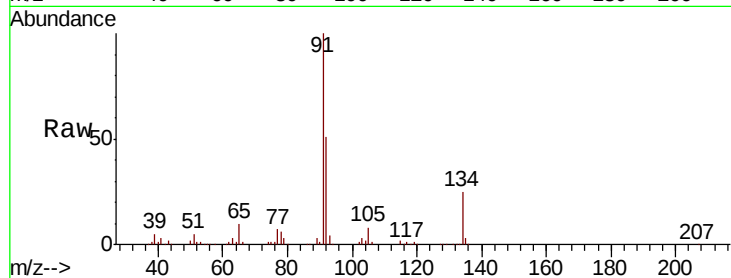




#85
n-Butylbenzene
Concen: 19.371 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

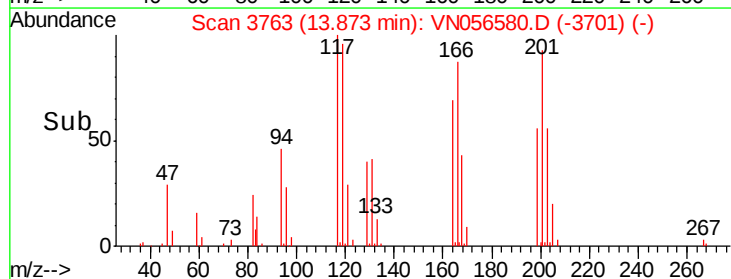
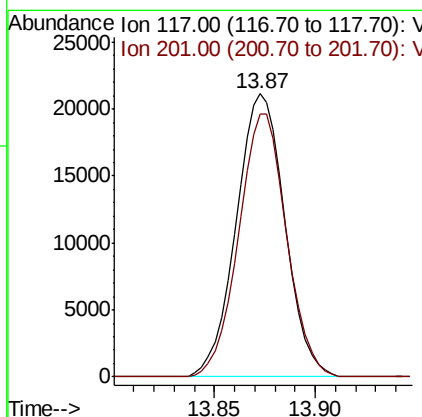
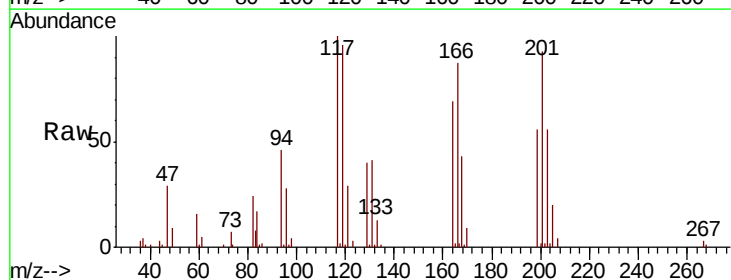
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

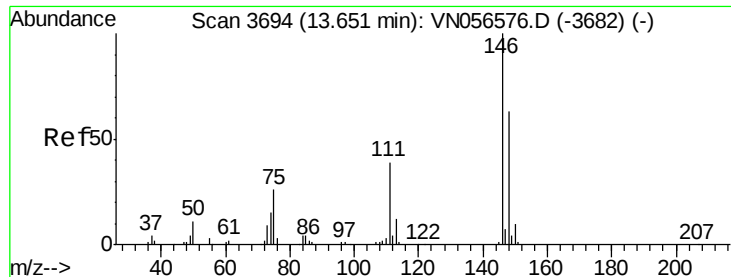
Tgt Ion: 91 Resp: 203807
Ion Ratio Lower Upper
91 100
92 52.0 0.0 107.2
134 25.9 0.0 55.8



#86
Hexachloroethane
Concen: 18.874 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion: 117 Resp: 35629
Ion Ratio Lower Upper
117 100
201 91.3 48.1 144.4





#87

1,2-Dichlorobenzene

Concen: 20.004 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070319

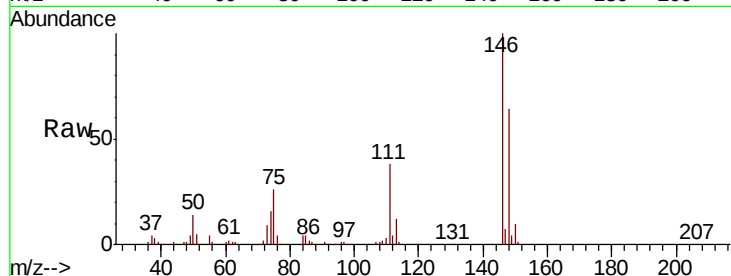
Tgt Ion:146 Resp: 126281

Ion Ratio Lower Upper

146 100

111 38.0 19.3 57.9

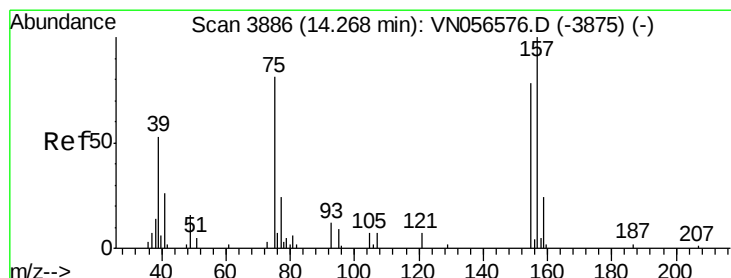
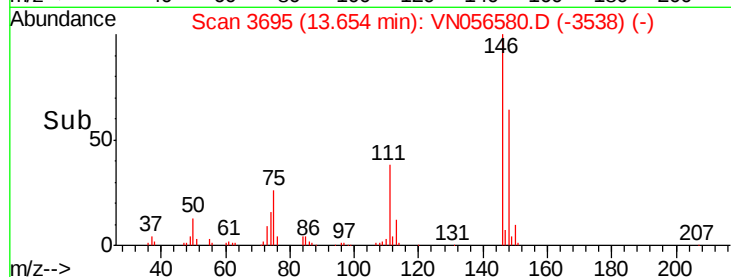
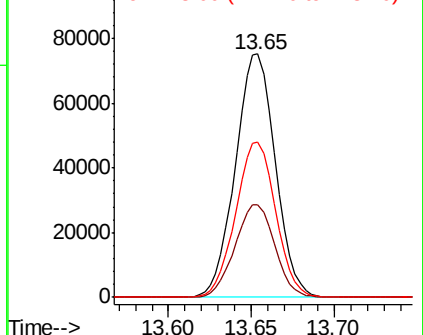
148 63.9 32.6 97.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.970 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056580.D

Acq: 3 Jul 2019 11:06

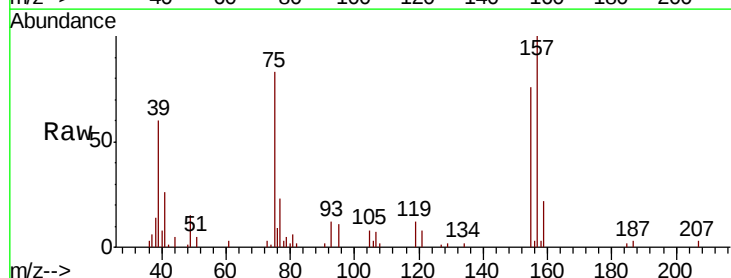
Tgt Ion: 75 Resp: 16311

Ion Ratio Lower Upper

75 100

155 88.0 82.5 123.7

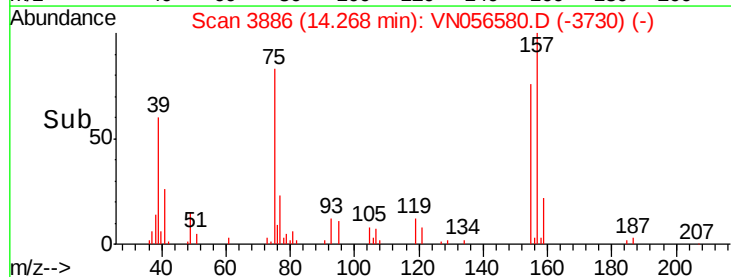
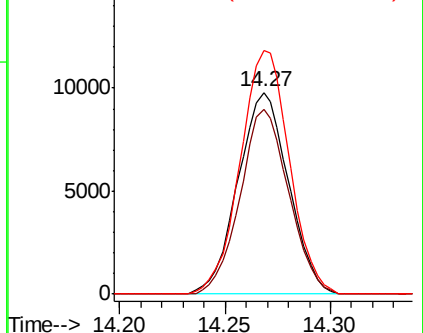
157 117.4 105.1 157.7

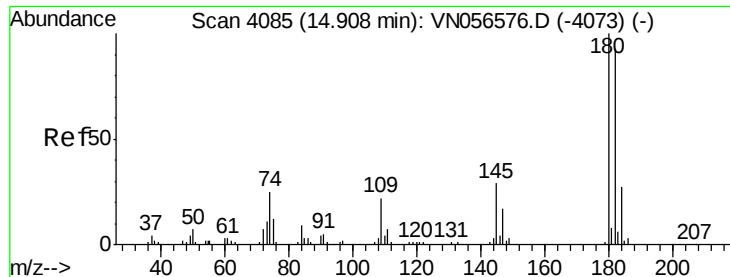


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

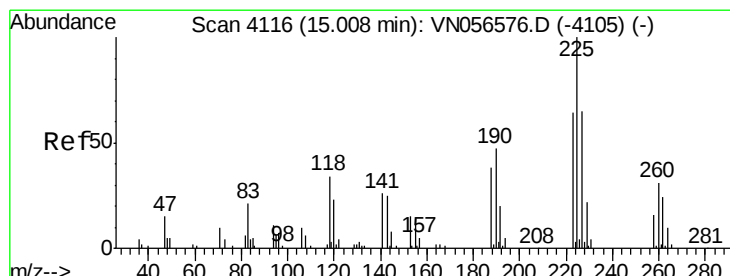
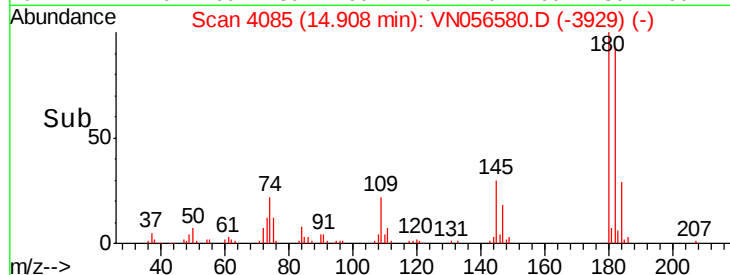
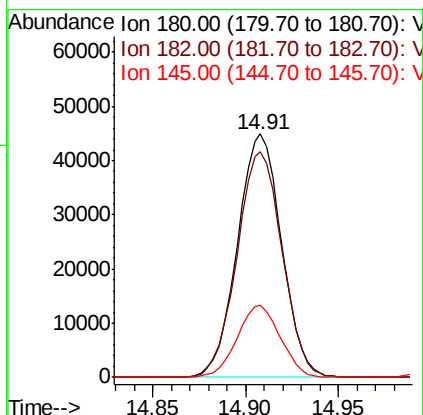
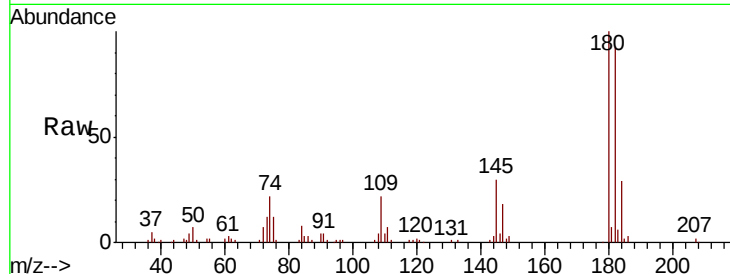




#89
 1,2,4-Trichlorobenzene
 Concen: 21.240 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

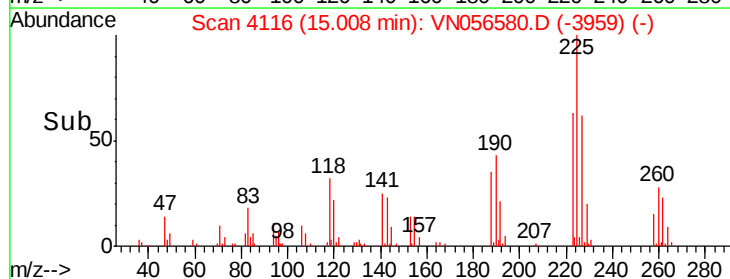
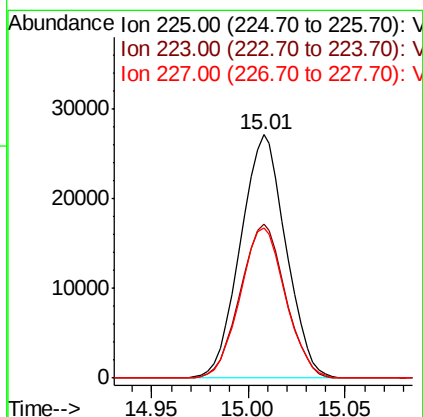
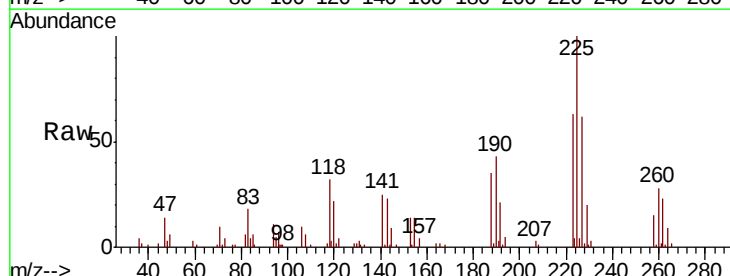
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070319

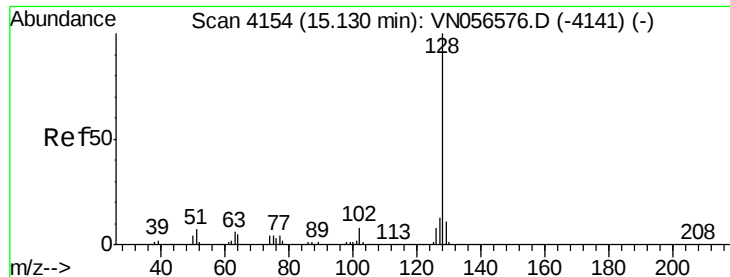
Tgt Ion:180 Resp: 74112
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.0 112.6
 145 28.9 22.1 33.1



#90
 Hexachlorobutadiene
 Concen: 20.430 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056580.D
 Acq: 3 Jul 2019 11:06

Tgt Ion:225 Resp: 44288
 Ion Ratio Lower Upper
 225 100
 223 63.1 0.0 125.6
 227 61.6 0.0 128.6

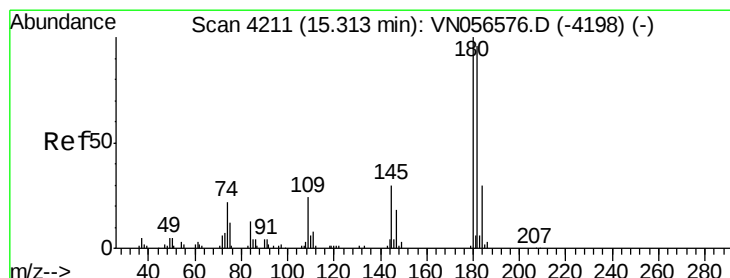
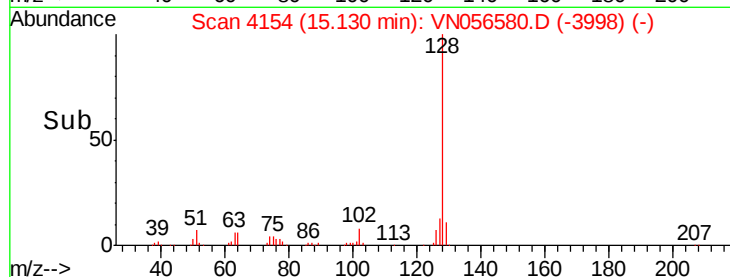
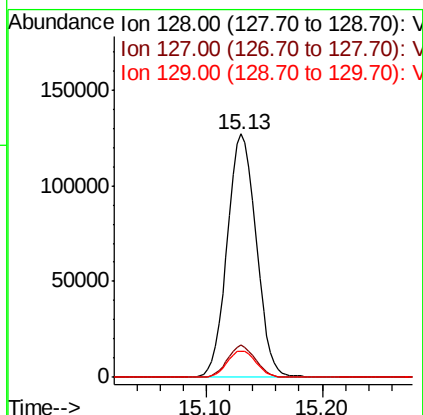
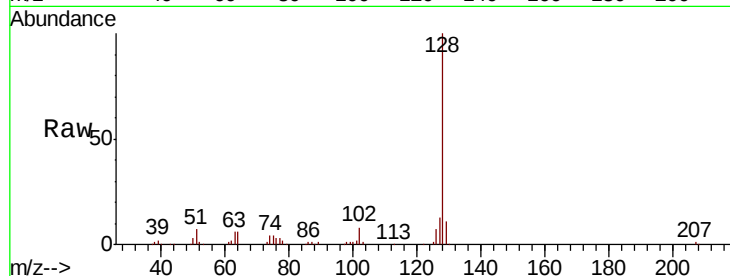




#91
Naphthalene
Concen: 22.505 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070319

Tgt Ion:128 Resp: 220365
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 22.641 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056580.D
Acq: 3 Jul 2019 11:06

Tgt Ion:180 Resp: 82929
Ion Ratio Lower Upper
180 100
182 95.5 0.0 193.4
145 30.3 0.0 59.8

