

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071319\
 Data File : VN056687.D
 Acq On : 12 Jul 2019 14:02
 Operator : JC/SP
 Sample : K3591-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 13 00:09:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	53104	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	287305	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	240489	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	110453	30.71	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.37%
60) 4-Bromofluorobenzene	12.40	95	97394	26.46	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.20%
63) Toluene-d8	10.09	98	345191	31.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	5542	1.837 ug/l	97
3) Chloromethane	2.06	50	9655	2.392 ug/l	99
4) Vinyl Chloride	2.19	62	9334	2.351 ug/l	100
5) Bromomethane	2.55	94	6430	2.570 ug/l	83
6) Chloroethane	2.70	64	5478	2.415 ug/l #	86
7) Trichlorofluoromethane	3.01	101	12079	2.373 ug/l	93
8) Diethyl Ether	3.41	74	5203	2.499 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	7649	2.409 ug/l	98
10) 1,1-Dichloroethene	3.73	96	7549	2.410 ug/l	92
11) Methyl Iodide	3.95	142	7686	1.847 ug/l	93
12) Methyl Acetate	4.33	43	15107	3.603 ug/l	95
13) Acrolein	3.61	56	4655	15.748 ug/l	99
14) Acrylonitrile	5.00	53	21843	11.827 ug/l #	62
15) Acetone	3.82	58	3460	5.427 ug/l	96
16) Carbon Disulfide	4.05	76	18325	2.218 ug/l	96
17) Allyl chloride	4.32	41	12861	2.347 ug/l	98
18) Methylene Chloride	4.55	84	5056	1.375 ug/l	92
19) trans-1,2-Dichloroethene	5.04	96	4740	1.414 ug/l	85
20) Diisopropyl ether	5.95	45	26317	2.411 ug/l #	89
21) 1,1-Dichloroethane	5.85	63	15860	2.543 ug/l	97
22) cis-1,2-Dichloroethene	6.83	96	9777	2.494 ug/l #	87
23) tert-Butyl Alcohol	4.79	59	8341	12.947 ug/l #	62
24) Methyl tert-Butyl Ether	5.04	73	11913	1.193 ug/l	99
25) Chloroform	7.37	83	16203	2.666 ug/l	98
26) Cyclohexane	7.65	56	13659	2.356 ug/l #	94
29) 1,1-Dichloropropene	7.79	75	10532	2.306 ug/l	99
30) 2-Butanone	6.84	43	29550	11.176 ug/l #	76
31) 2,2-Dichloropropane	6.82	77	10144	2.295 ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	11668	2.397 ug/l #	85
33) Carbon Tetrachloride	7.77	117	9203	2.197 ug/l	88
34) Benzene	8.04	78	35776	2.550 ug/l #	37
35) Methacrylonitrile	7.22	41	18830	9.322 ug/l #	52
36) 1,2-Dichloroethane	8.13	62	11746	2.606 ug/l #	87
37) Trichloroethene	8.84	130	9196	2.413 ug/l	96
38) Methylcyclohexane	9.08	83	13316	2.308 ug/l	97
39) 1,2-Dichloropropane	9.12	63	9461	2.512 ug/l	97
40) Dibromomethane	9.21	93	5914	2.465 ug/l	100

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 ClientSampleId :

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.40	83	10046	2.272	ug/l	96
42) Vinyl Acetate	5.90	43	93391	10.612	ug/l	98
43) Ethyl Acetate	6.93	43	10322	2.160	ug/l #	78
44) Isopropyl Acetate	8.17	43	17323	2.324	ug/l	97
45) 1,4-Dioxane	9.20	88	4030	53.451	ug/l	98
46) Methyl methacrylate	9.20	41	8527	2.382	ug/l	94
47) n-amyl Acetate	12.07	43	10924	1.792	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	9742	2.003	ug/l	89
49) cis-1,3-Dichloropropene	9.84	75	11339	2.067	ug/l	93
50) 1,1,2-Trichloroethane	10.56	97	9001	2.575	ug/l	89
51) Ethyl methacrylate	10.43	69	11402	2.121	ug/l	96
52) 1,3-Dichloropropane	10.71	76	14863	2.541	ug/l	100
53) Dibromochloromethane	10.90	129	7516	2.128	ug/l	96
54) 1,2-Dibromoethane	11.00	107	8811	2.426	ug/l	95
55) 2-Chloroethyl vinyl ether	9.70	63	26577	10.223	ug/l	98
56) Bromoform	12.12	173	5382	2.058	ug/l #	90
58) 4-Methyl-2-Pentanone	9.99	43	59819	13.216	ug/l	97
59) 2-Hexanone	10.75	43	40223	11.707	ug/l	98
61) Tetrachloroethene	10.63	164	9728	2.815	ug/l	94
62) Toluene	10.15	91	37636	2.664	ug/l	98
64) Chlorobenzene	11.43	112	22066	2.561	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	7781	2.464	ug/l	99
66) Ethyl Benzene	11.51	91	36877	2.415	ug/l	99
67) m/p-Xylenes	11.62	106	26450	4.590	ug/l	100
68) o-Xylene	11.95	106	13886	2.471	ug/l	93
69) Styrene	11.96	104	19420	2.085	ug/l	96
70) Isopropylbenzene	12.25	105	34677	2.354	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	12730	2.662	ug/l	95
72) 1,2,3-Trichloropropane	12.55	75	13446	3.290	ug/l	67
73) Bromobenzene	12.53	156	8692	2.258	ug/l	95
74) n-propylbenzene	12.59	91	36201	2.178	ug/l	99
75) 2-Chlorotoluene	12.67	91	23785	2.376	ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	27797	2.212	ug/l	97
77) t-1,4-Dichloro-2-butene	12.30	75	2272	1.672	ug/l	80
78) 4-Chlorotoluene	12.77	91	19175	1.975	ug/l	100
79) tert-butylbenzene	12.99	119	25276	2.365	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	27221	2.184	ug/l	95
81) sec-Butylbenzene	13.17	105	30359	2.146	ug/l	99
82) p-Isopropyltoluene	13.29	119	27178	2.112	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	11875	1.851	ug/l	95
84) 1,4-Dichlorobenzene	13.36	146	10827	1.760	ug/l	95
85) n-Butylbenzene	13.61	91	17648	1.663	ug/l	98
86) Hexachloroethane	13.87	117	4047	2.005	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	13539	2.100	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	1729	2.096	ug/l	86
89) 1,2,4-Trichlorobenzene	14.91	180	4455	1.285	ug/l	92
90) Hexachlorobutadiene	15.01	225	5287	2.345	ug/l	96
91) Naphthalene	15.13	128	10722	1.149	ug/l	97
92) 1,2,3-Trichlorobenzene	15.31	180	5570	1.532	ug/l	97

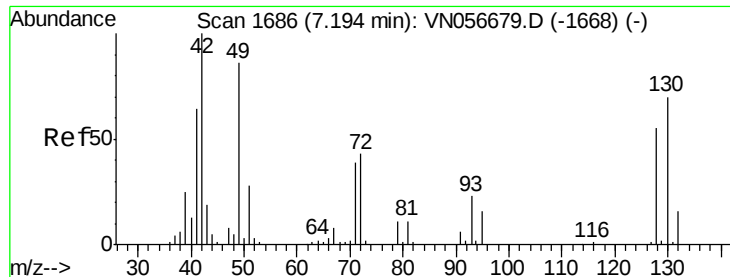
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampled :

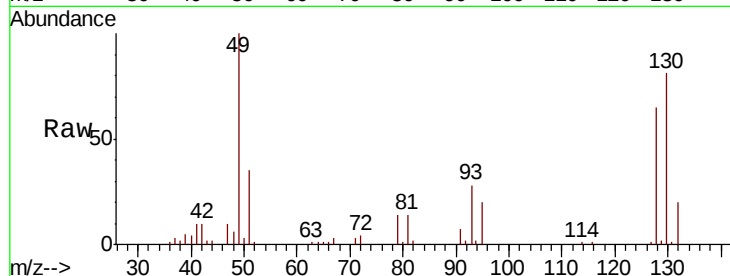
Tot Ion:128 Resp: 53104

Ion Ratio Lower Upper

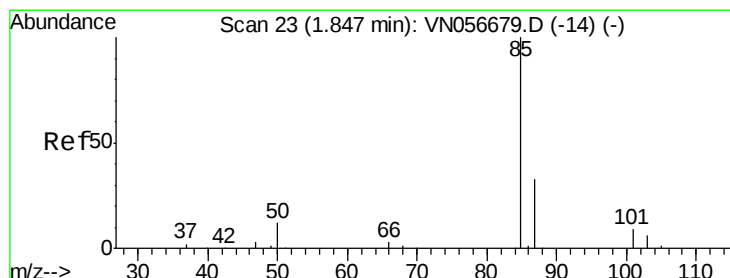
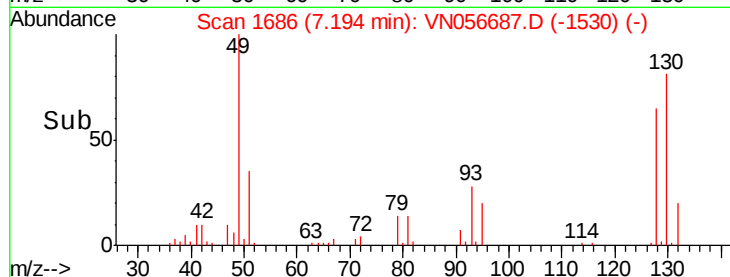
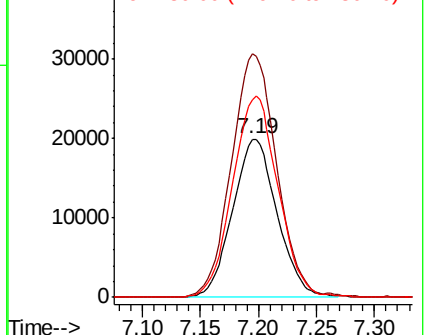
128 100

49 155.9 0.0 390.5

130 130.4 0.0 316.5



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: 1.837 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056687.D

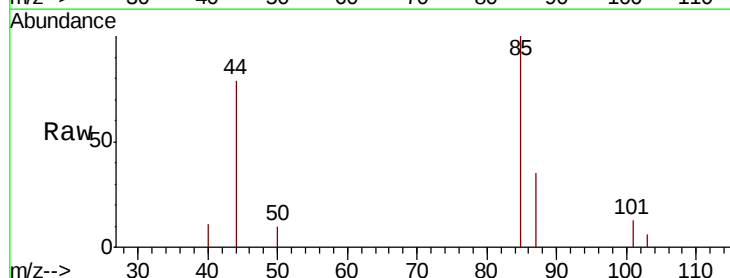
Acq: 12 Jul 2019 14:02

Tgt Ion: 85 Resp: 5542

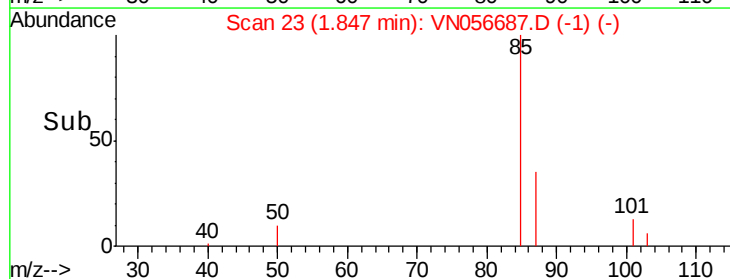
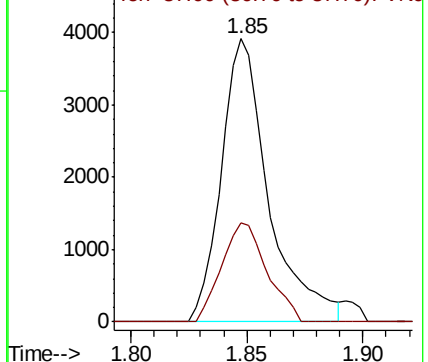
Ion Ratio Lower Upper

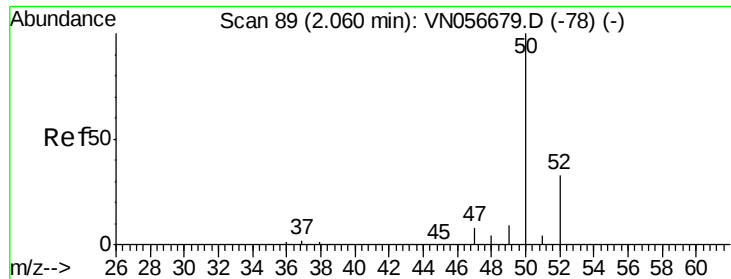
85 100

87 35.1 16.8 50.3



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 2.392 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

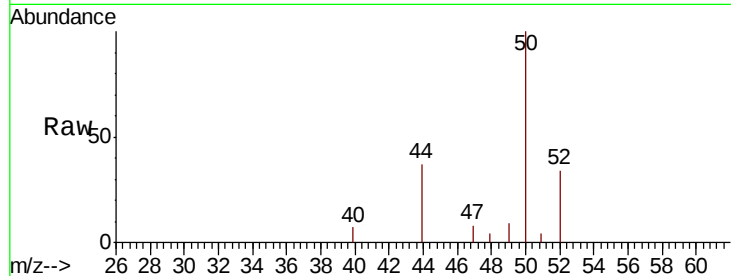
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 9655

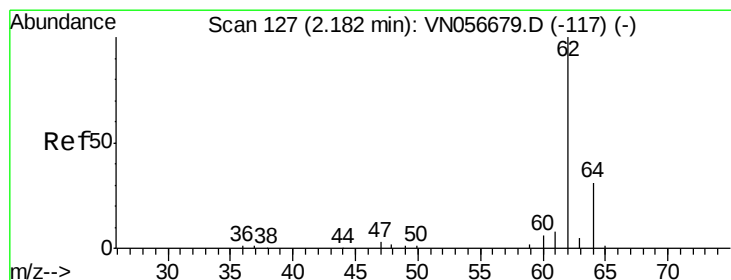
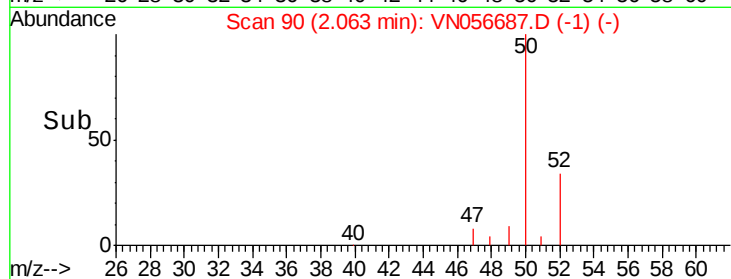
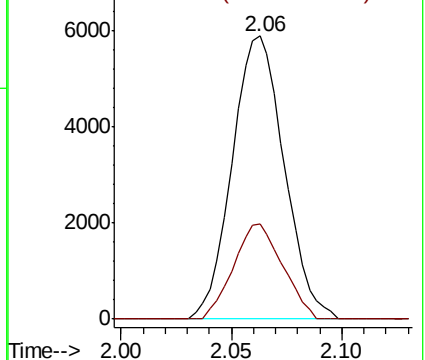
Ion Ratio Lower Upper

50 100

52 33.5 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VN0
Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 2.351 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056687.D

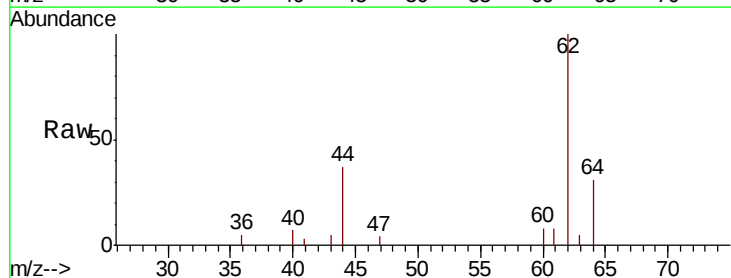
Acq: 12 Jul 2019 14:02

Tgt Ion: 62 Resp: 9334

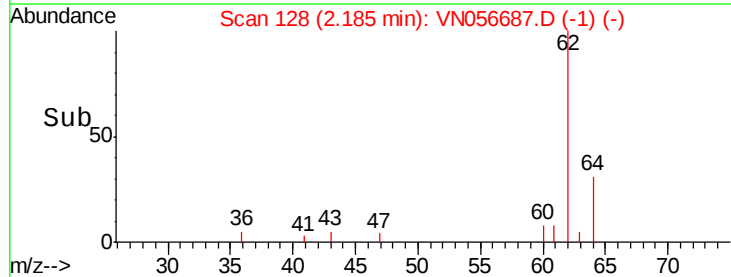
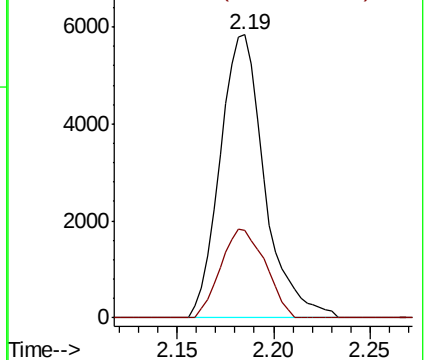
Ion Ratio Lower Upper

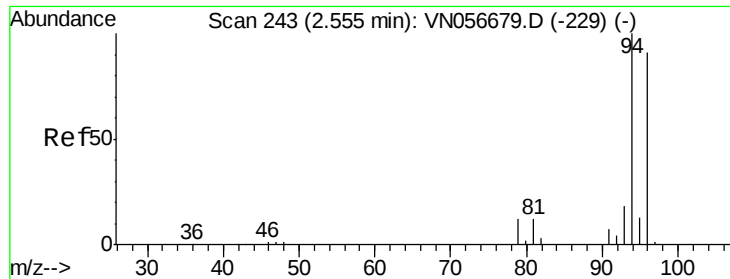
62 100

64 31.1 25.0 37.4



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 64.00 (63.70 to 64.70): VN0

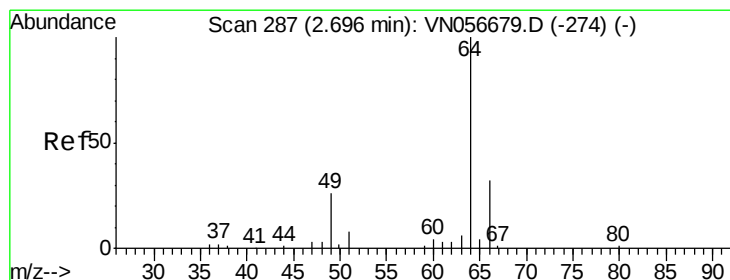
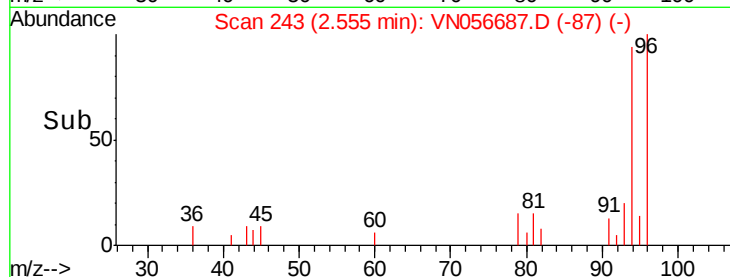
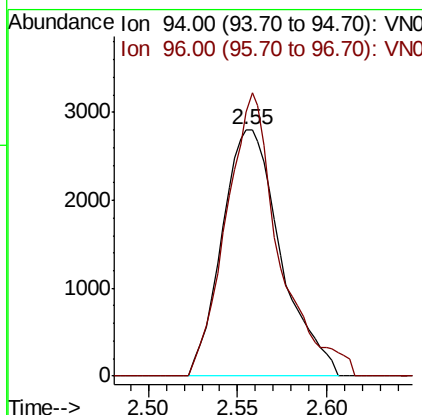
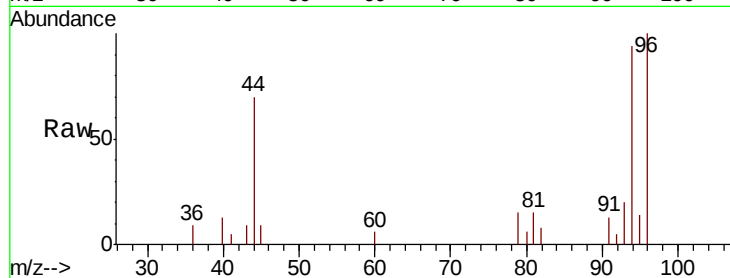




#5
Bromomethane
Concen: 2.570 ug/l
RT: 2.55 min Scan# 243
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

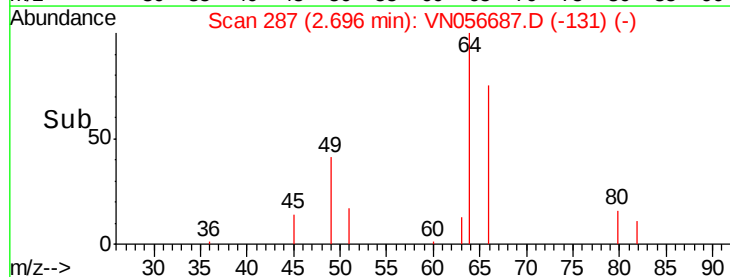
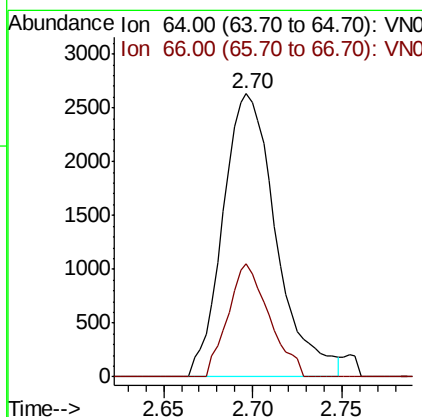
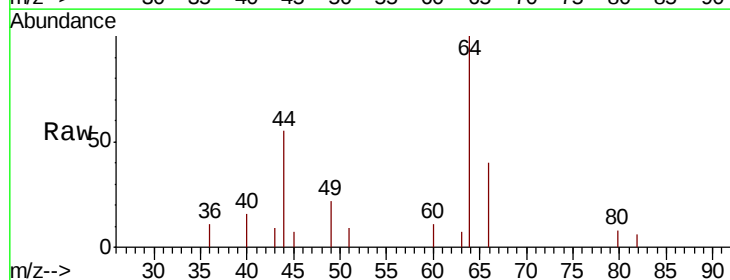
Instrument :
MSVOA_N
ClientSampled :

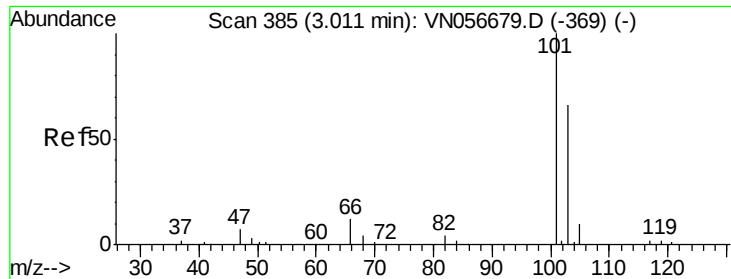
Tot Ion: 94 Resp: 6430
Ion Ratio Lower Upper
94 100
96 106.8 72.8 109.2



#6
Chloroethane
Concen: 2.415 ug/l
RT: 2.70 min Scan# 287
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 64 Resp: 5478
Ion Ratio Lower Upper
64 100
66 40.2 25.7 38.5#



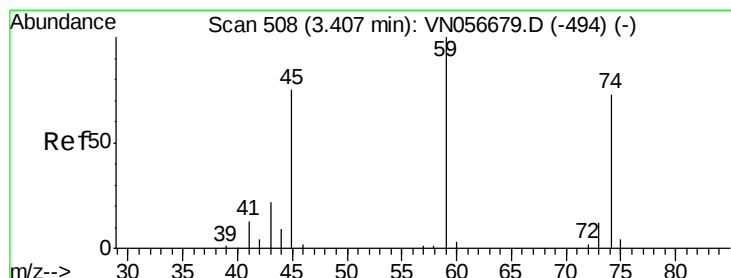
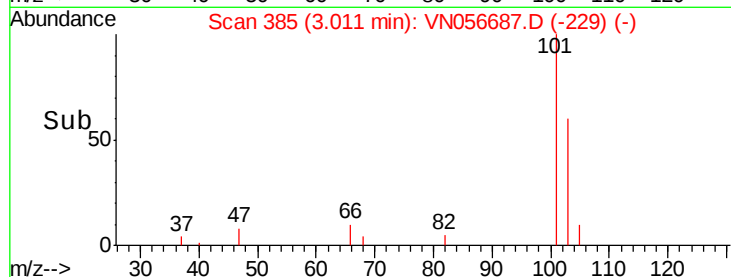
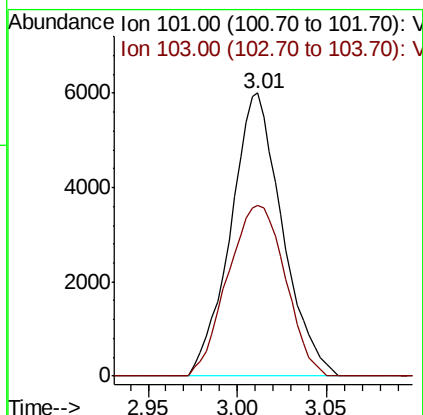
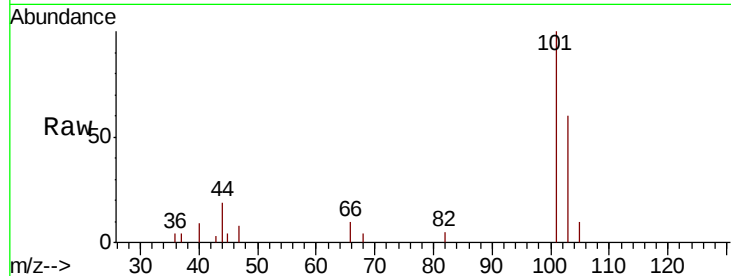


#7

Trichlorofluoromethane
Concen: 2.373 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :

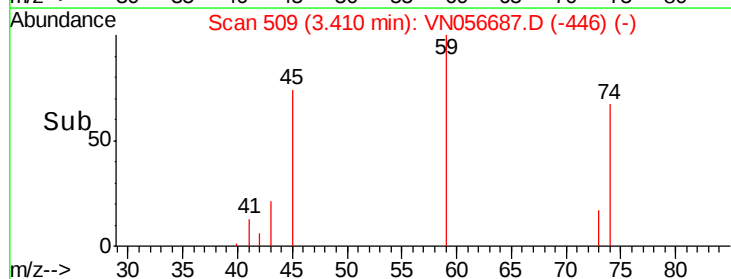
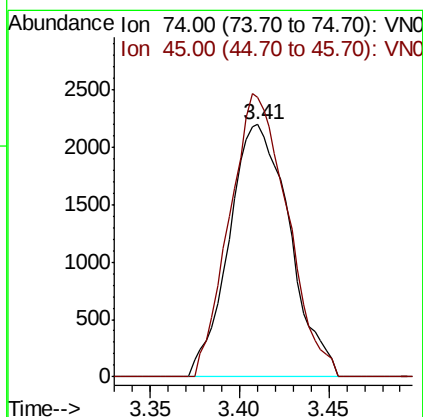
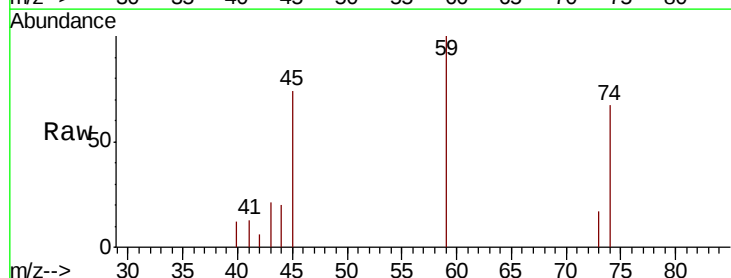
Tot Ion:101 Resp: 12079
Ion Ratio Lower Upper
101 100
103 60.5 52.8 79.2

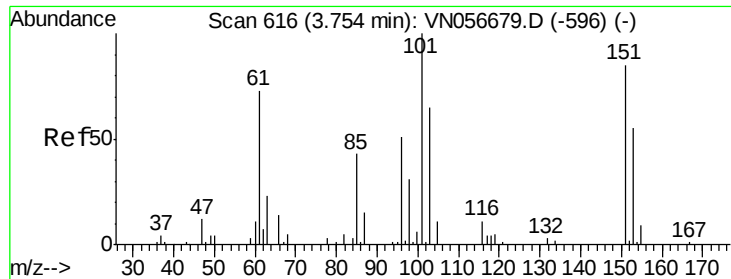


#8

Diethyl Ether
Concen: 2.499 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 74 Resp: 5203
Ion Ratio Lower Upper
74 100
45 107.1 19.9 179.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.409 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

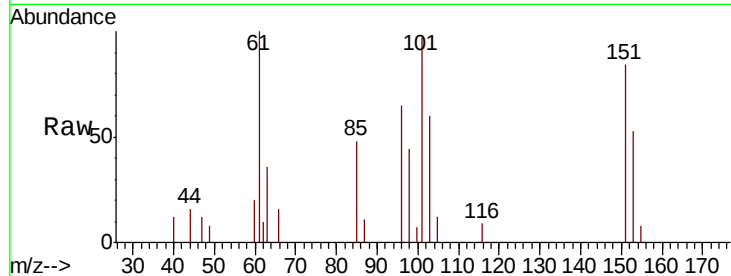
Tot Ion:101 Resp: 7649

Ion Ratio Lower Upper

101 100

85 45.3 0.0 84.2

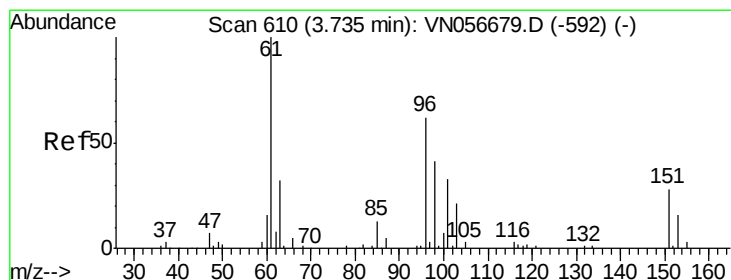
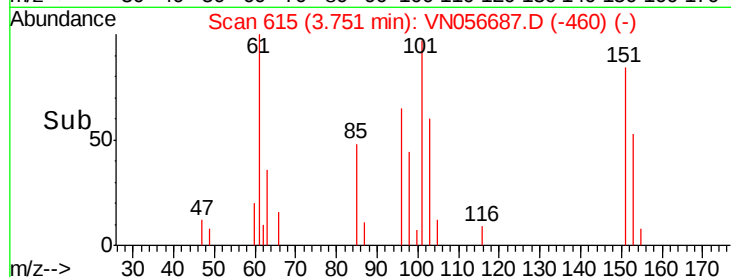
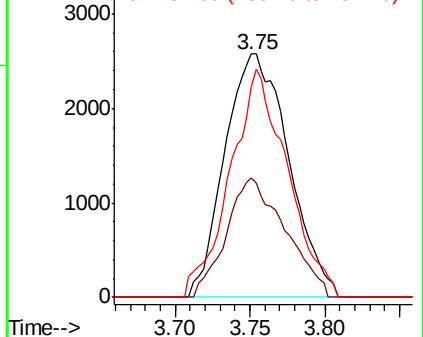
151 84.2 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 2.410 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

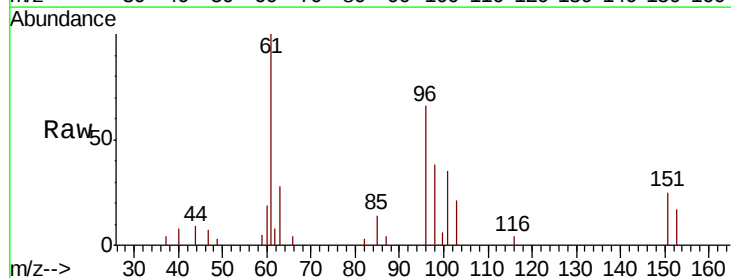
Tgt Ion: 96 Resp: 7549

Ion Ratio Lower Upper

96 100

61 151.7 129.0 193.4

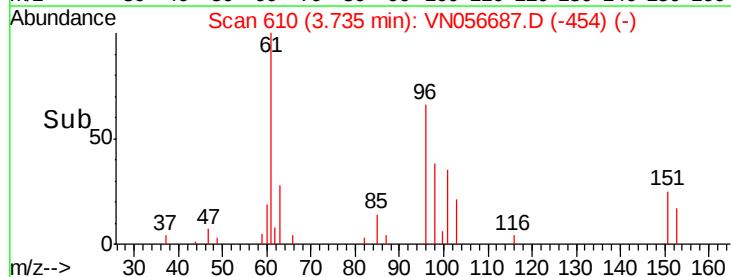
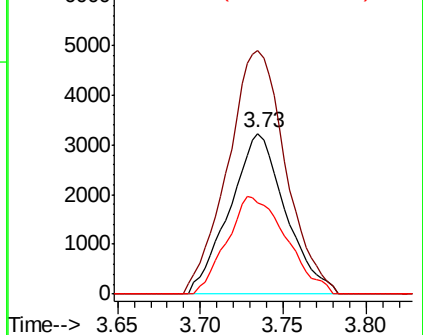
98 57.1 52.5 78.7

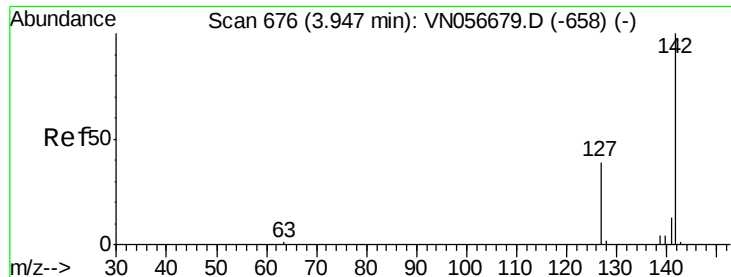


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

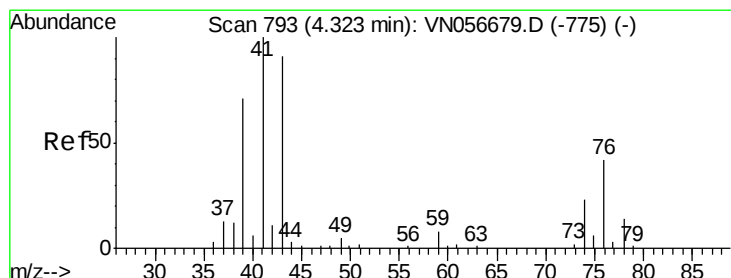
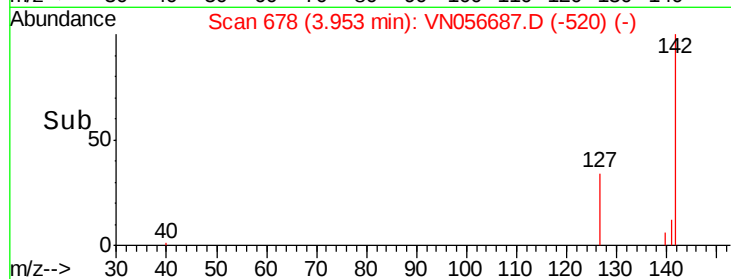
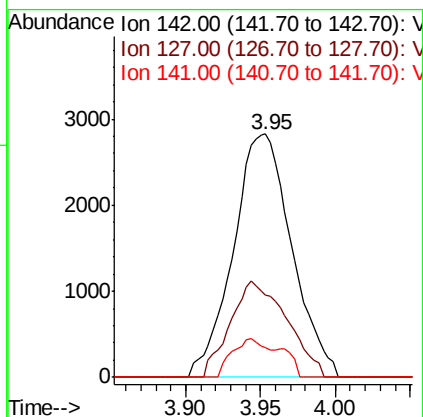
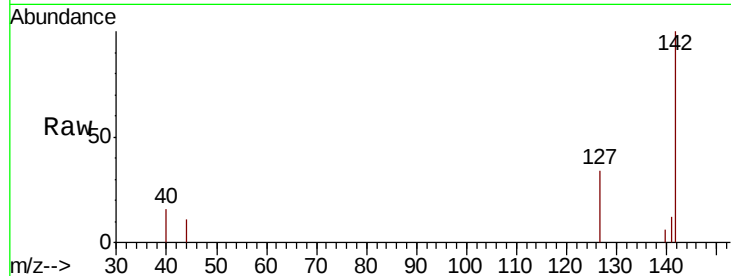




#11
Methyl Iodide
Concen: 1.847 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.01 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

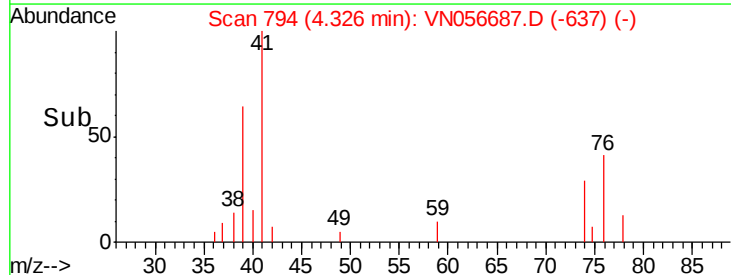
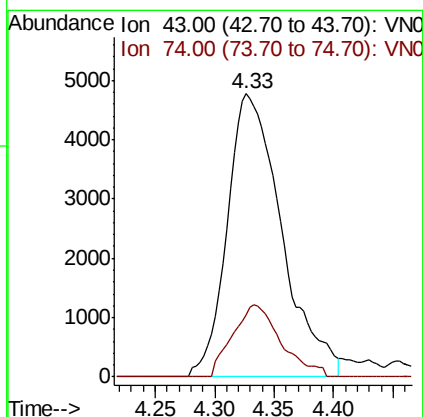
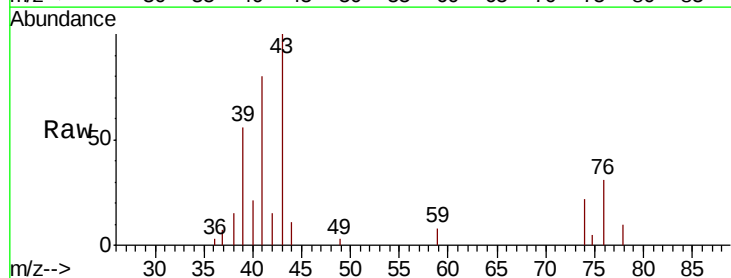
Instrument :
MSVOA_N
ClientSampleId :

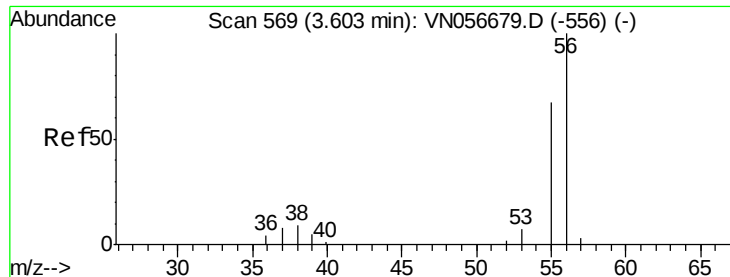
Tot Ion:142 Resp: 7686
Ion Ratio Lower Upper
142 100
127 34.1 19.5 58.5
141 12.0 6.8 20.3



#12
Methyl Acetate
Concen: 3.603 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 43 Resp: 15107
Ion Ratio Lower Upper
43 100
74 22.8 20.2 30.4





#13

Acrolein

Concen: 15.748 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

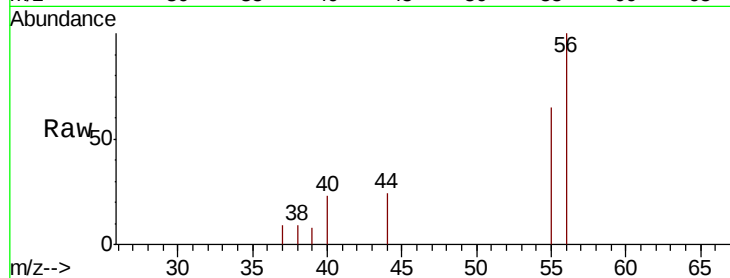
ClientSampleId :

Tot Ion: 56 Resp: 4655

Ion Ratio Lower Upper

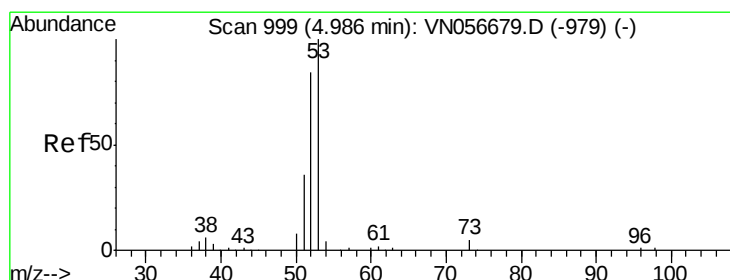
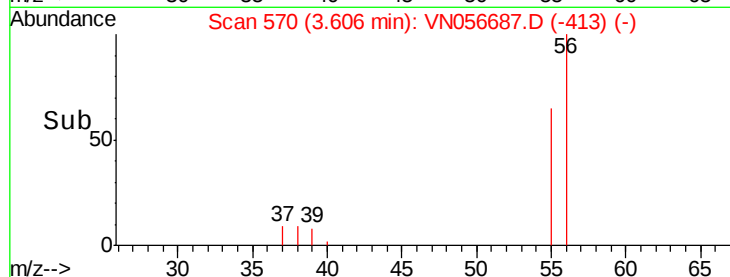
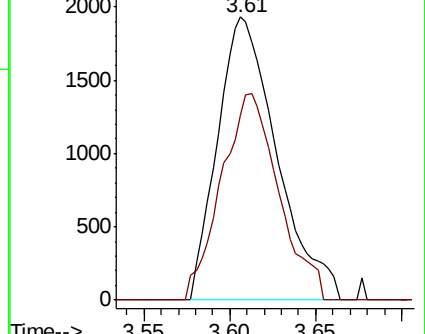
56 100

55 70.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 11.827 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

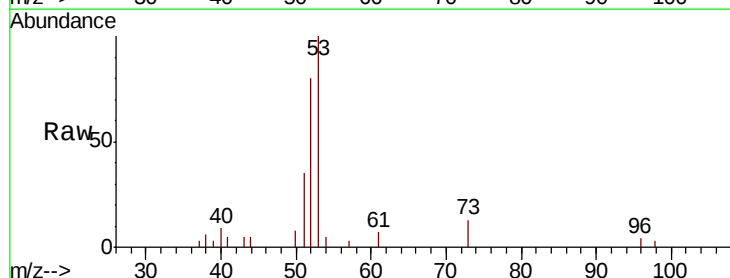
Tgt Ion: 53 Resp: 21843

Ion Ratio Lower Upper

53 100

52 33.9 41.3 123.7#

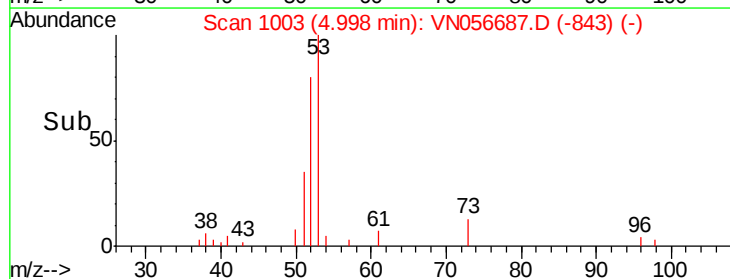
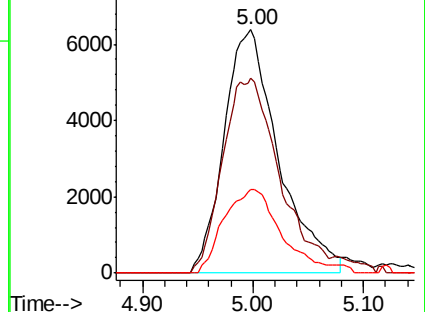
51 35.9 17.7 53.1

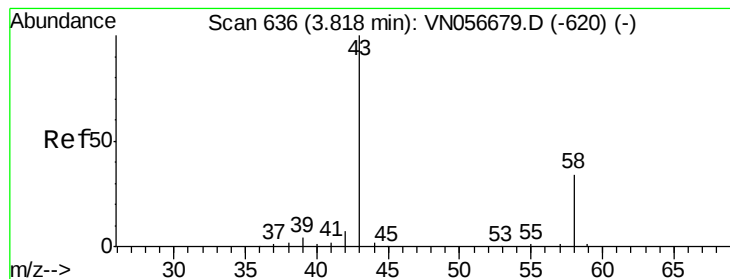


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 5.427 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

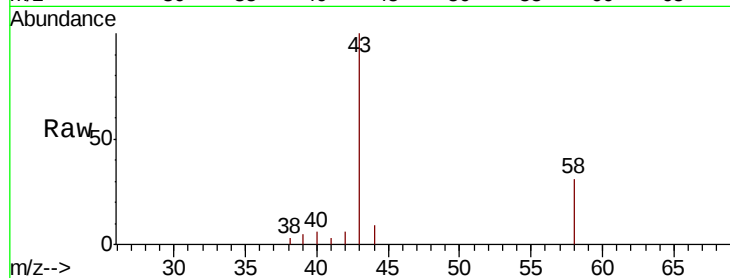
ClientSampled :

Tot Ion: 58 Resp: 3460

Ion Ratio Lower Upper

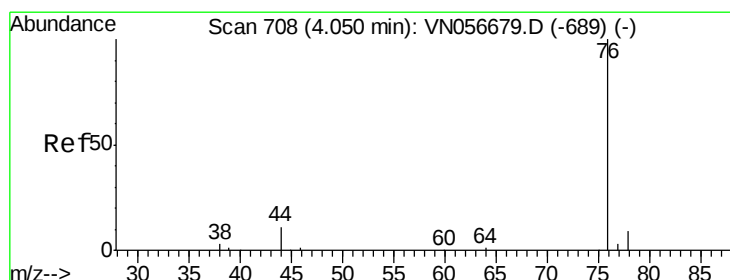
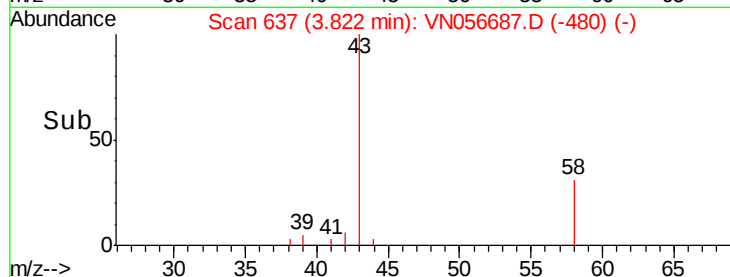
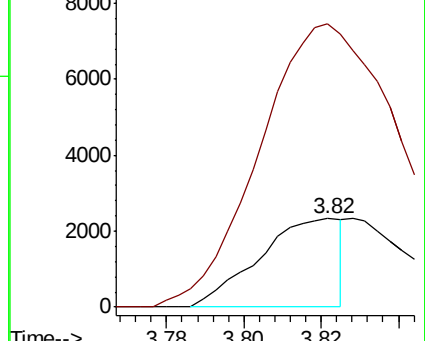
58 100

43 299.4 233.9 350.9



Abundance Ion 58.00 (57.70 to 58.70): VN056687.D (-480) (-)

Ion 43.00 (42.70 to 43.70): VN056687.D (-480) (-)



#16

Carbon Disulfide

Concen: 2.218 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN056687.D

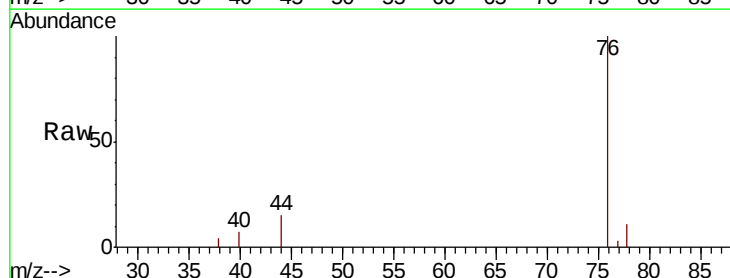
Acq: 12 Jul 2019 14:02

Tgt Ion: 76 Resp: 18325

Ion Ratio Lower Upper

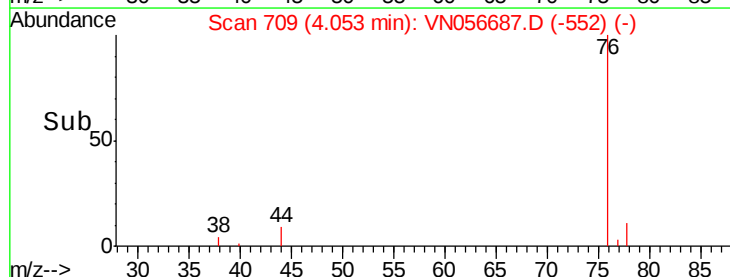
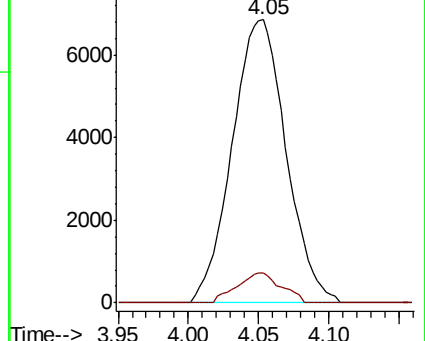
76 100

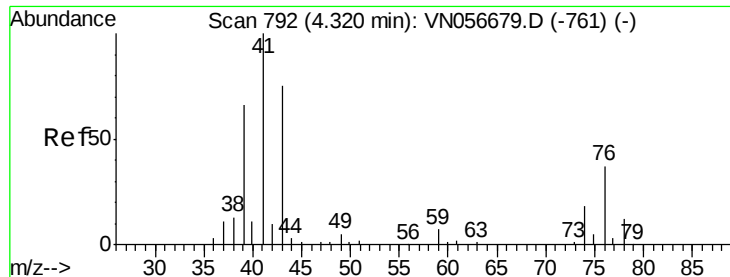
78 10.7 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN056687.D (-552) (-)

Ion 78.00 (77.70 to 78.70): VN056687.D (-552) (-)

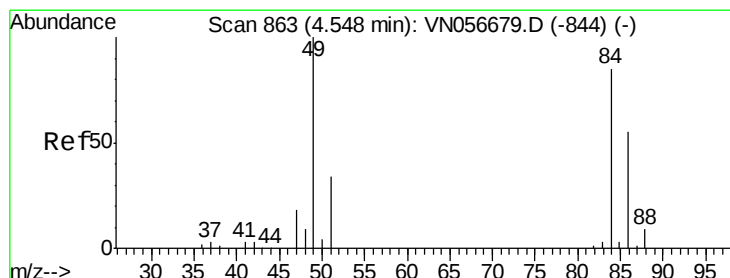
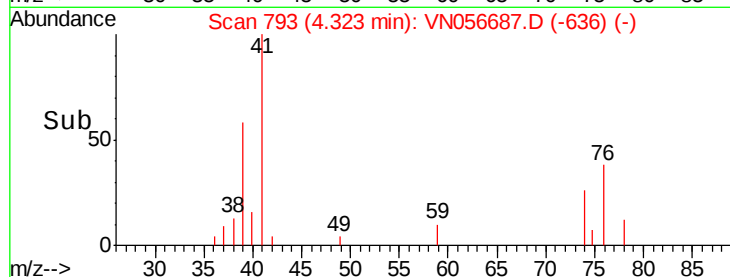
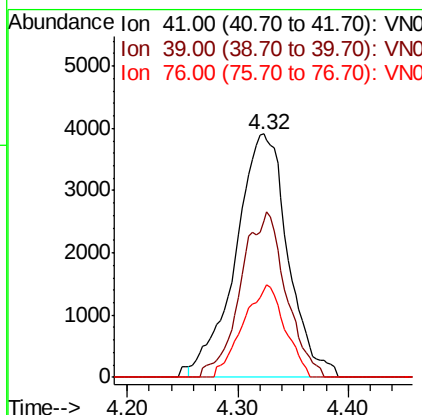
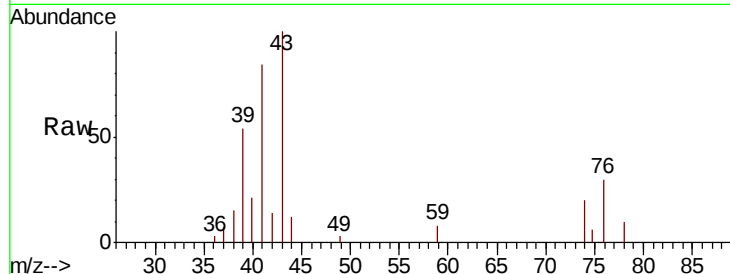




#17
Allvl chloride
Concen: 2.347 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

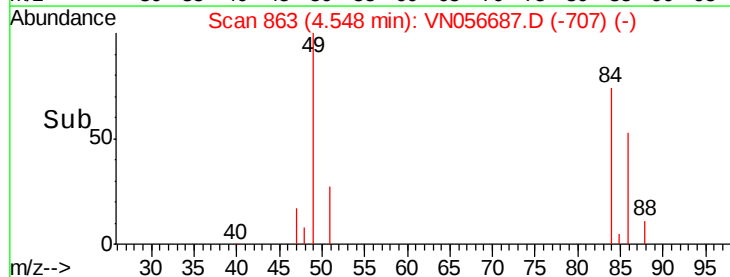
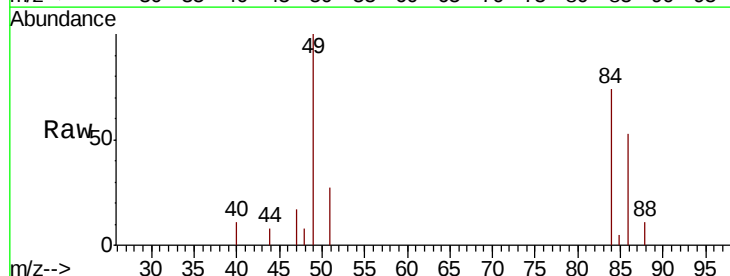
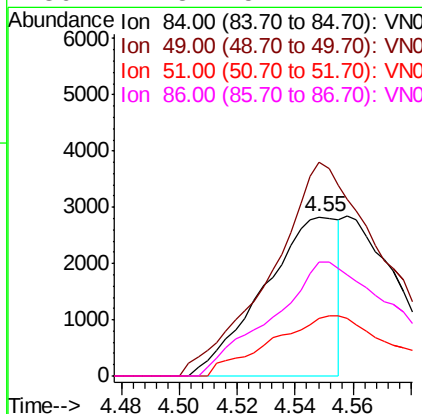
Instrument :
MSVOA_N
ClientSampled :

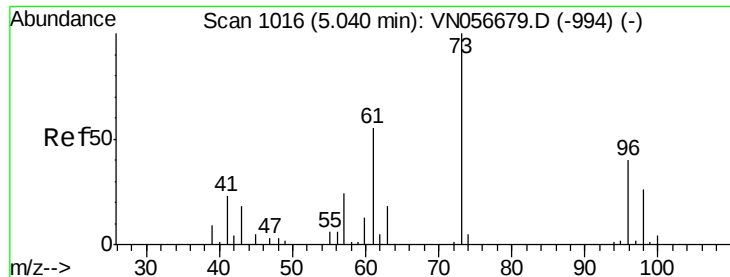
Tot Ion: 41 Resp: 12861
Ion Ratio Lower Upper
41 100
39 64.3 32.8 98.4
76 35.9 18.5 55.5



#18
Methylene Chloride
Concen: 1.375 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 84 Resp: 5056
Ion Ratio Lower Upper
84 100
49 126.6 93.9 140.9
51 36.0 31.7 47.5
86 71.8 51.4 77.2

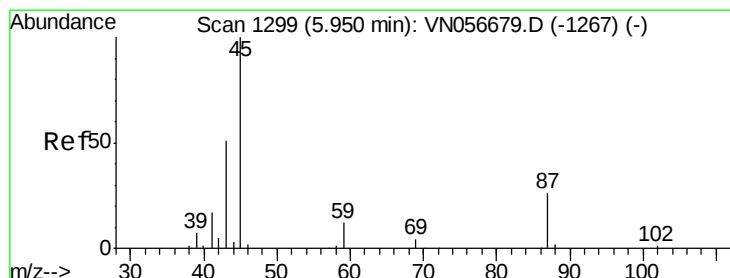
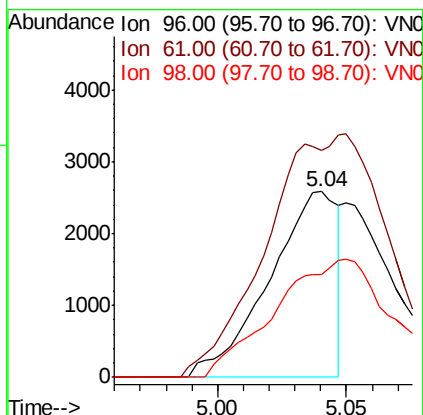
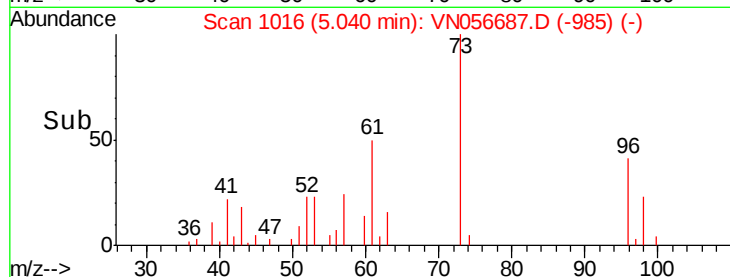
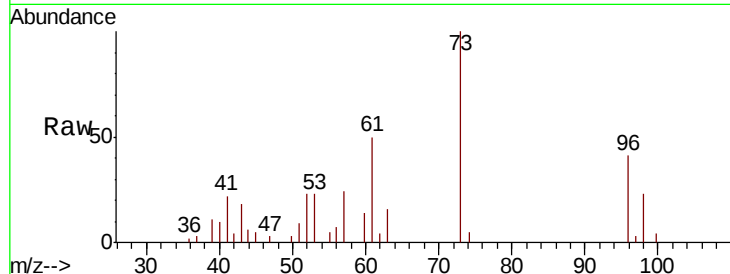




#19
trans-1,2-Dichloroethene
Concen: 1.414 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

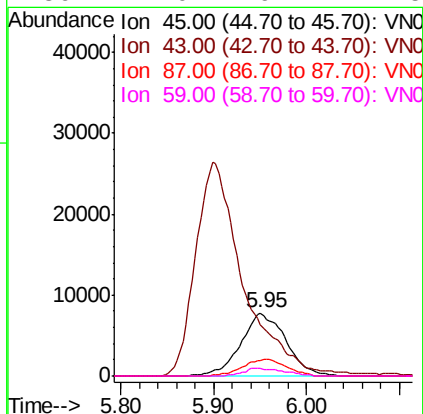
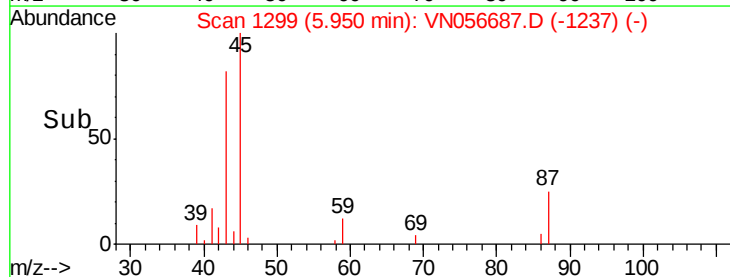
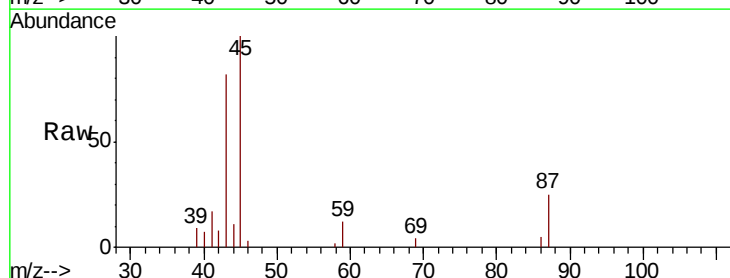
Instrument :
MSVOA_N
ClientSampleId :

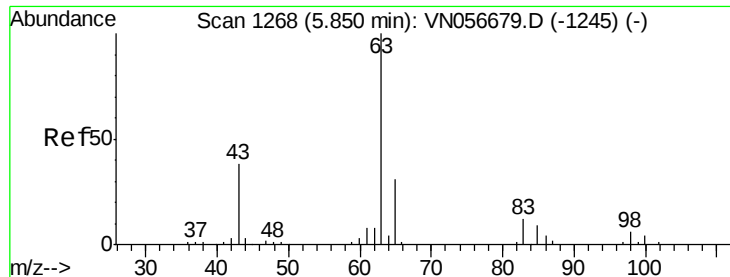
Tot Ion: 96 Resp: 4740
Ion Ratio Lower Upper
96 100
61 116.5 109.6 164.4
98 55.8 51.4 77.2



#20
Diisopropyl ether
Concen: 2.411 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 45 Resp: 26317
Ion Ratio Lower Upper
45 100
43 76.1 50.3 75.5#
87 25.5 21.4 32.0
59 12.0 9.7 14.5

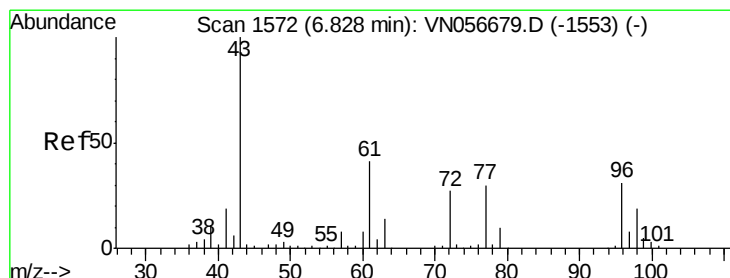
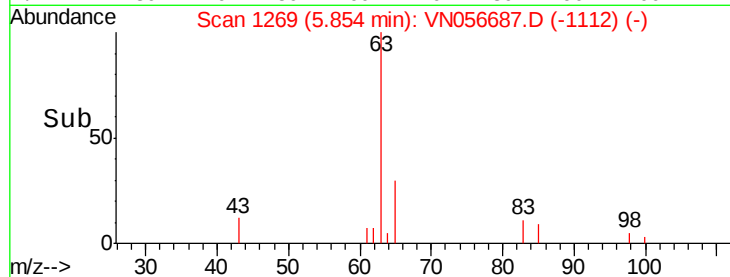
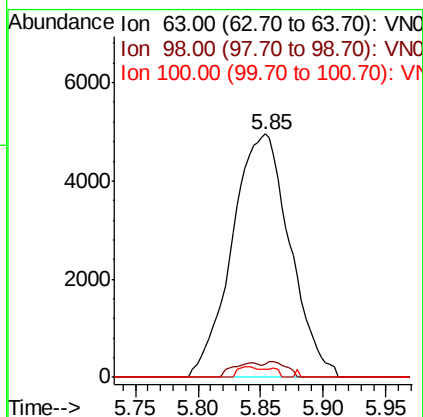
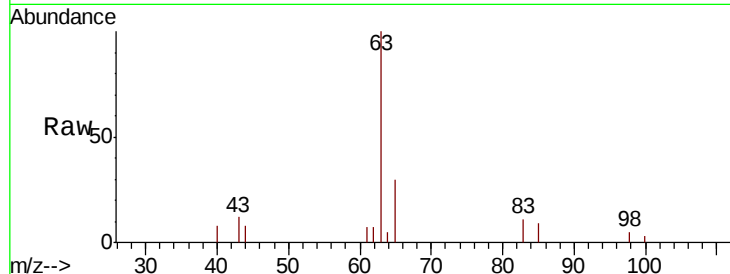




#21
 1,1-Dichloroethane
 Concen: 2.543 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

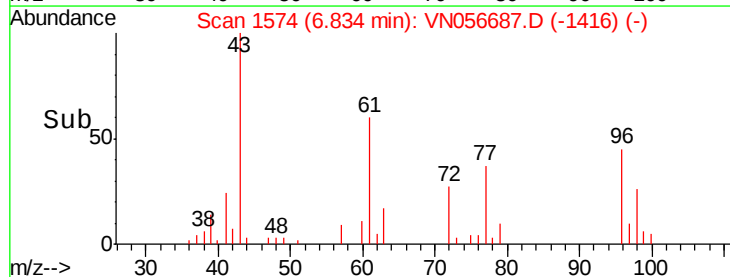
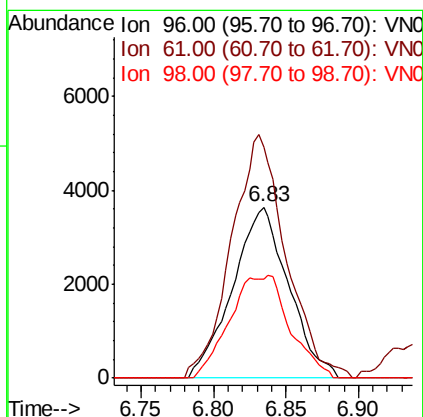
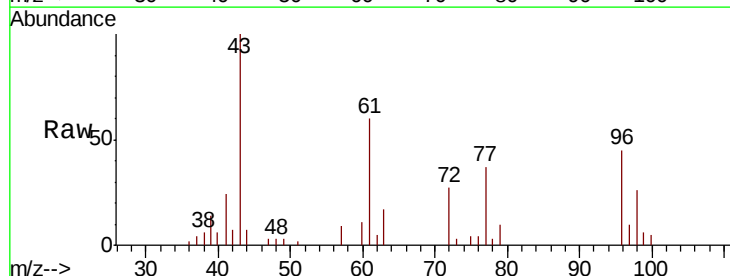
Instrument :
 MSVOA_N
 ClientSampled :

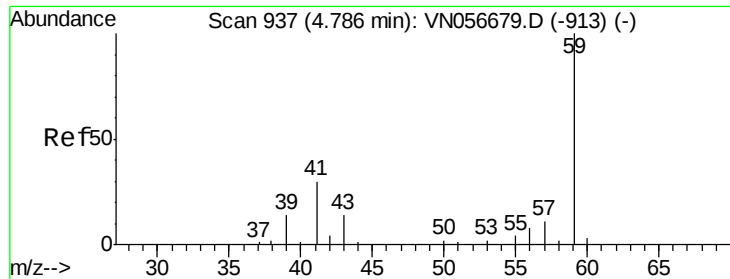
Tot Ion: 63 Resp: 15860
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.3 9.8
 100 3.1 2.1 6.3



#22
 cis-1,2-Dichloroethene
 Concen: 2.494 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Tgt Ion: 96 Resp: 9777
 Ion Ratio Lower Upper
 96 100
 61 138.9 112.1 168.1
 98 33.4 52.2 78.2#



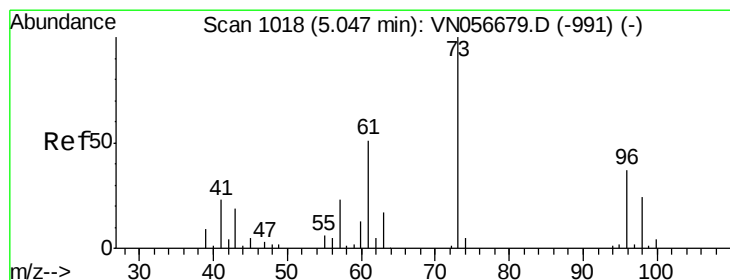
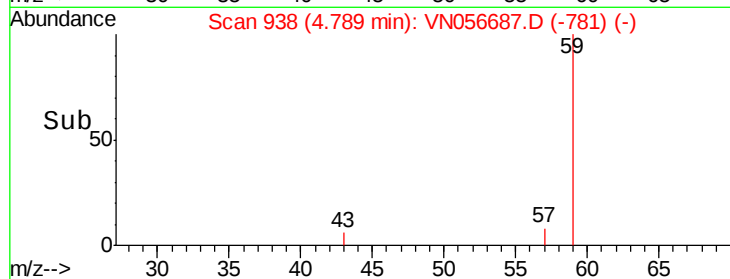
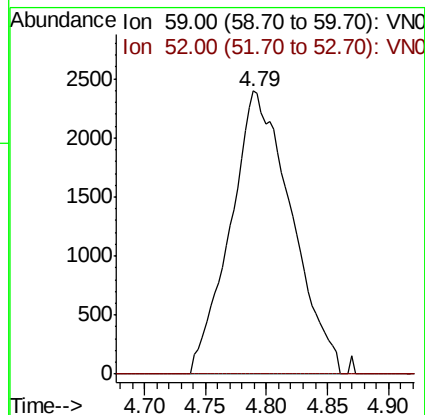
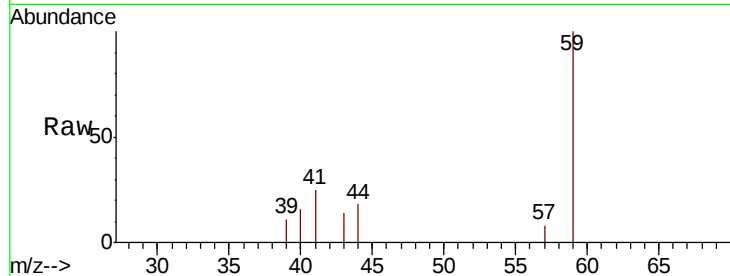


#23

tert-Butyl Alcohol
 Concen: 12.947 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Instrument :
 MSVOA_N
 ClientSampled :

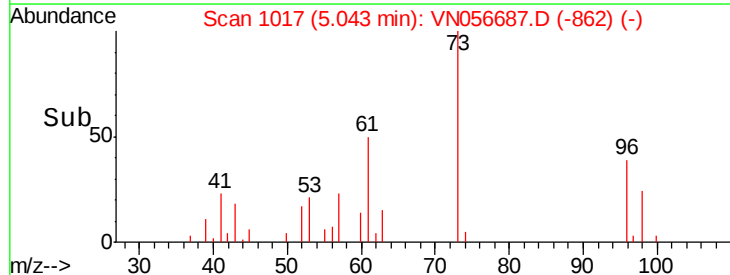
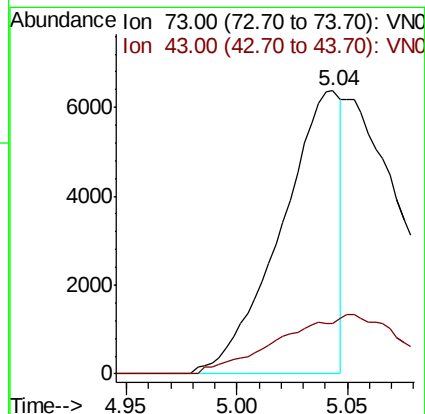
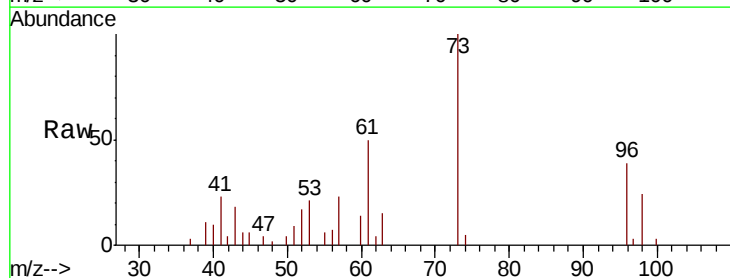
Tot Ion: 59 Resp: 8341
 Ion Ratio Lower Upper
 59 100
 52 88.6 0.1 0.1#

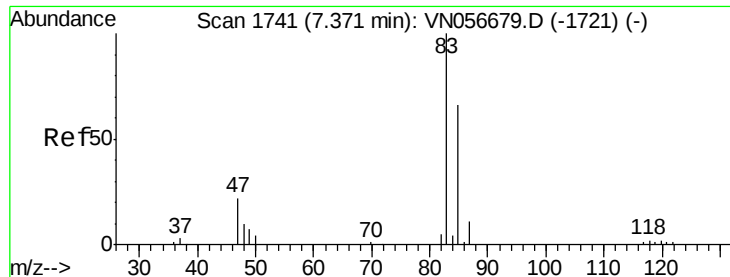


#24

Methyl tert-Butyl Ether
 Concen: 1.193 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Tgt Ion: 73 Resp: 11913
 Ion Ratio Lower Upper
 73 100
 43 18.5 15.1 22.7





#25

Chloroform

Concen: 2.666 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

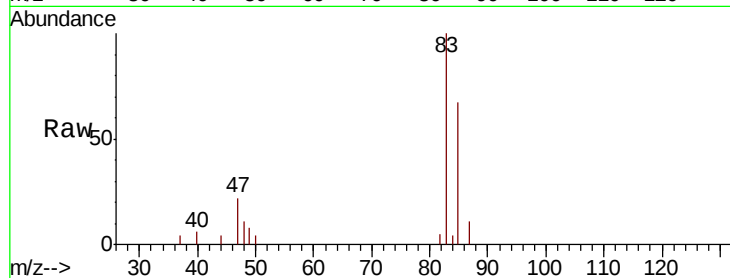
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 16203

Ion Ratio Lower Upper

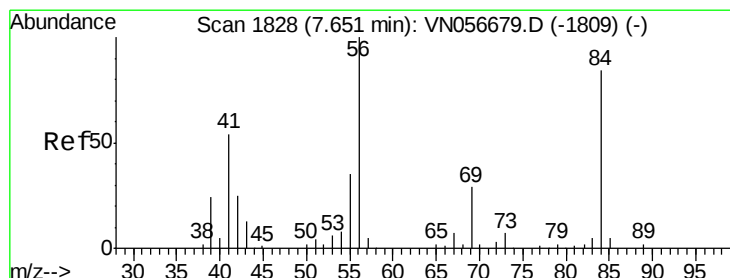
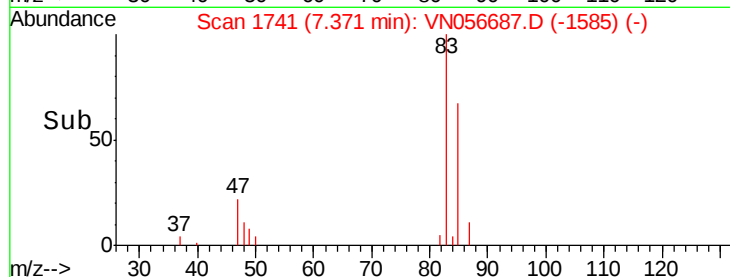
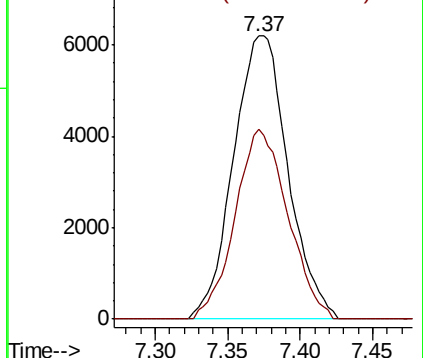
83 100

85 67.2 52.6 79.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 2.356 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

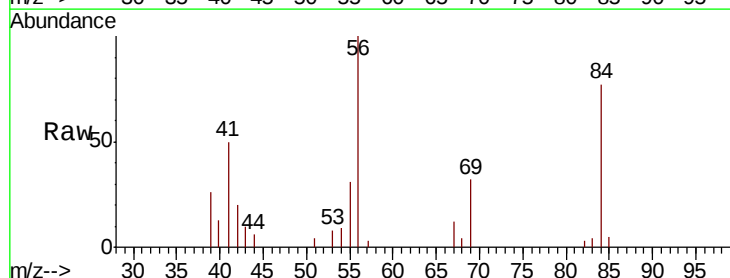
Tgt Ion: 56 Resp: 13659

Ion Ratio Lower Upper

56 100

89 0.0 1.4 2.2#

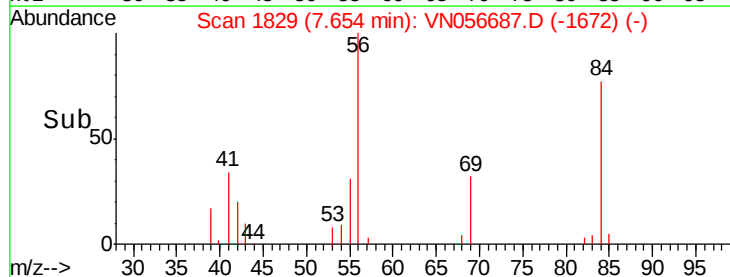
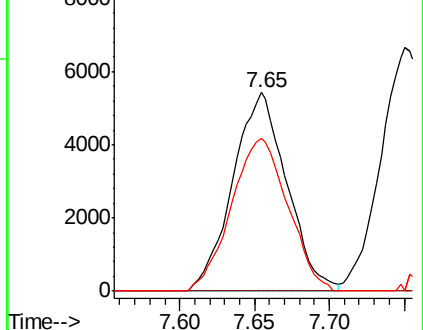
84 80.0 68.2 102.4

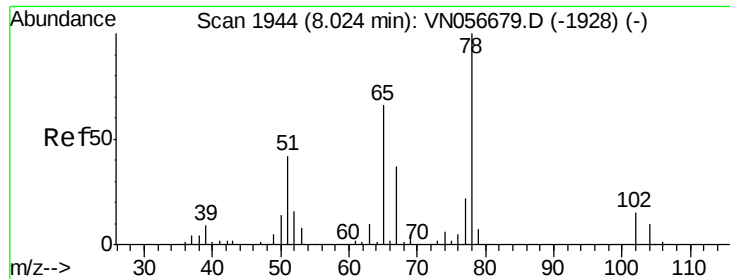


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 30.706 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

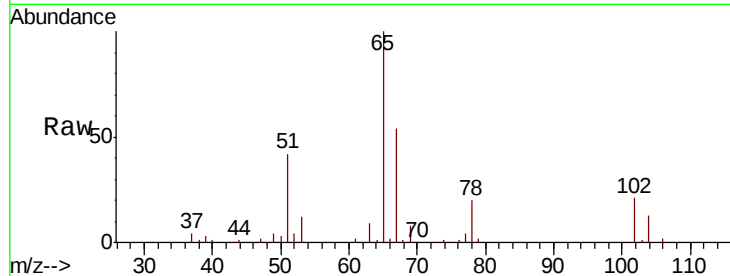
ClientSampled :

Tot Ion: 65 Resp: 110453

Ion Ratio Lower Upper

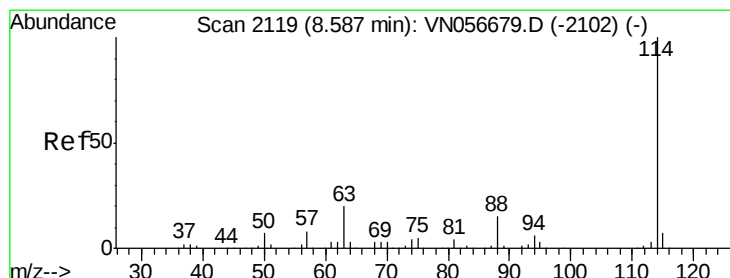
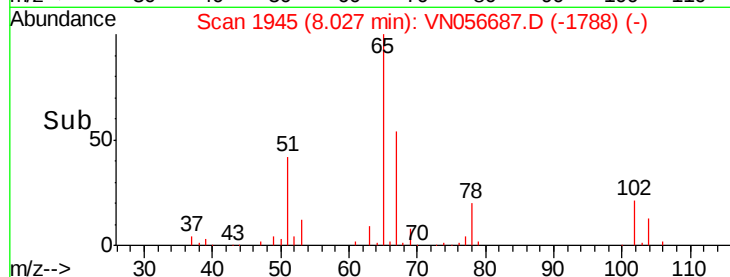
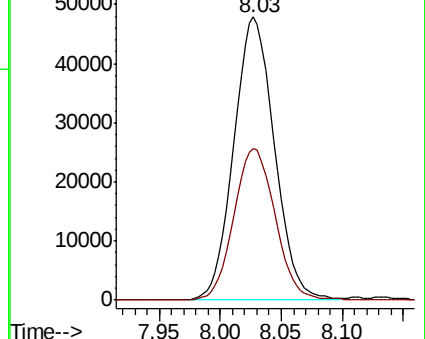
65 100

67 54.3 43.4 65.0



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

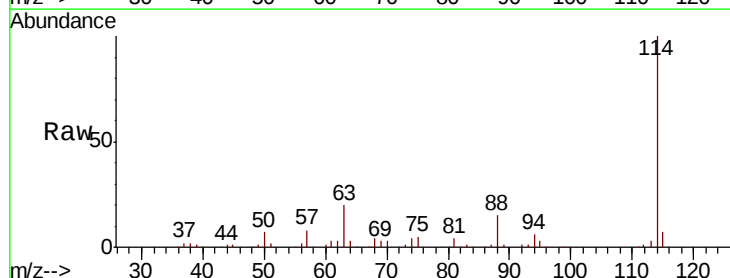
Tgt Ion: 114 Resp: 287305

Ion Ratio Lower Upper

114 100

63 20.0 16.2 24.2

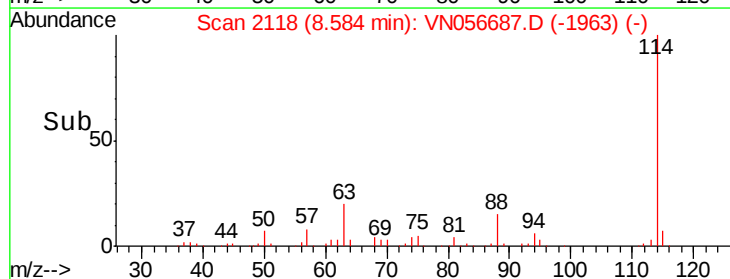
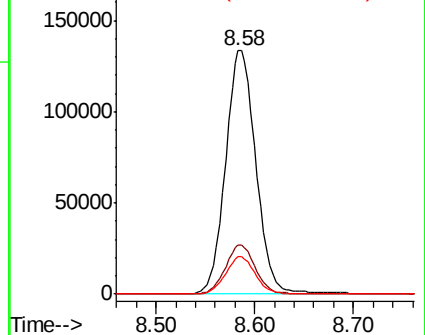
88 15.1 12.3 18.5

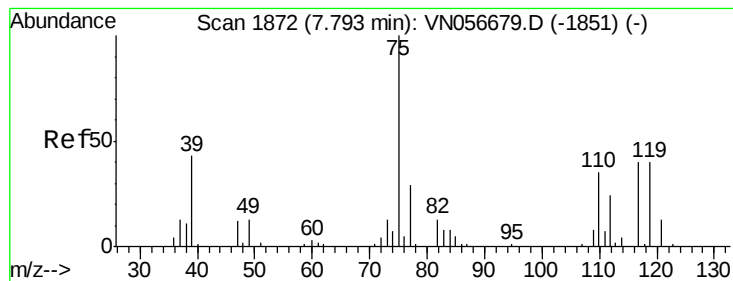


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#29

1,1-Dichloropropene

Concen: 2.306 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

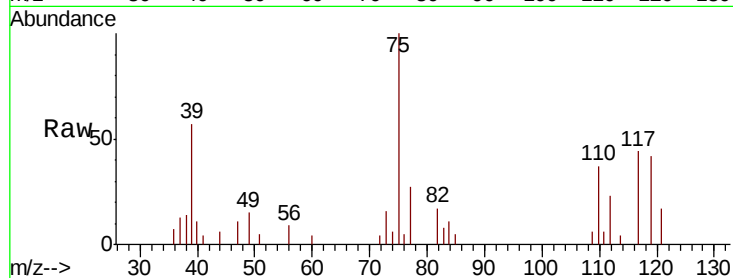
Tot Ion: 75 Resp: 10532

Ion Ratio Lower Upper

75 100

110 36.8 0.0 72.4

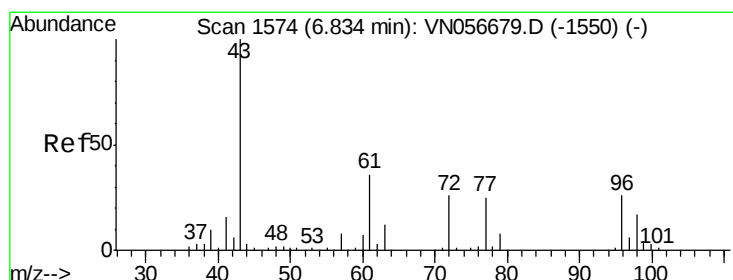
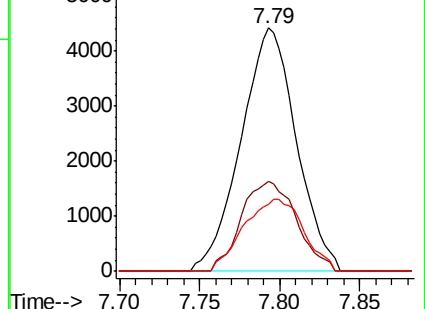
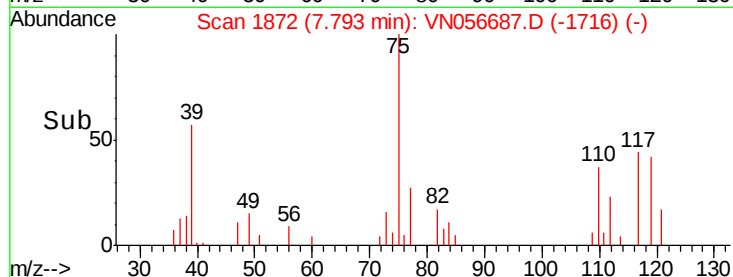
77 31.9 0.0 62.2



Abundance Ion 75.00 (74.70 to 75.70): VN056687.D (-1716) (-)

Ion 110.00 (109.70 to 110.70): VN056687.D (-1716) (-)

Ion 77.00 (76.70 to 77.70): VN056687.D (-1716) (-)



#30

2-Butanone

Concen: 11.176 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

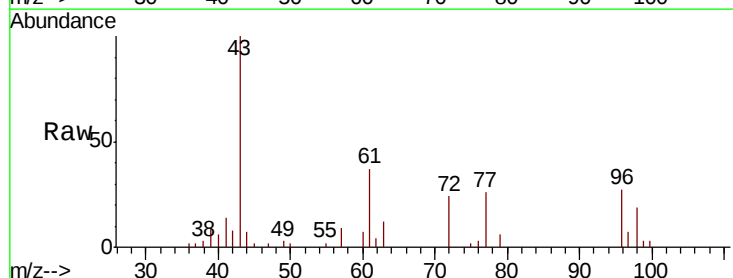
Tgt Ion: 43 Resp: 29550

Ion Ratio Lower Upper

43 100

57 4.9 6.6 10.0#

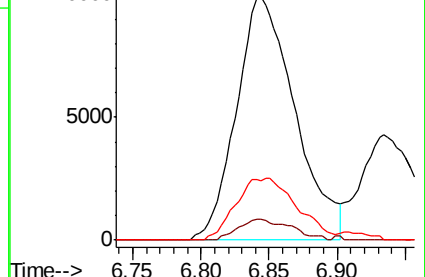
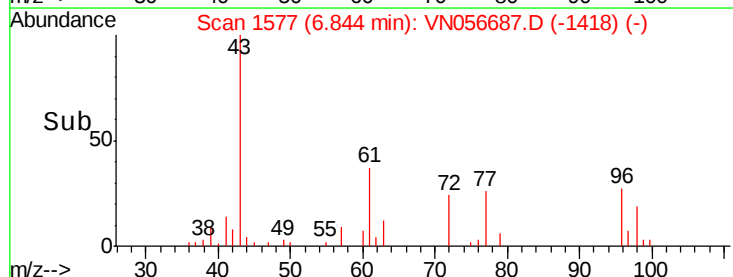
72 11.7 21.3 31.9#

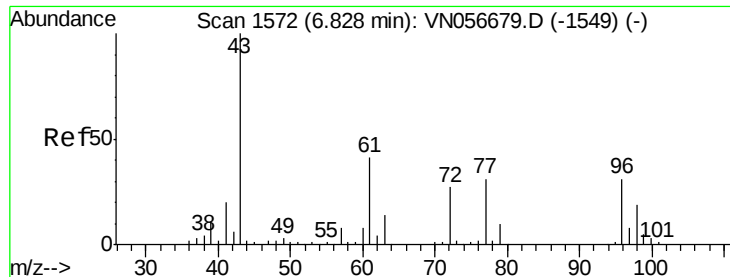


Abundance Ion 43.00 (42.70 to 43.70): VN056687.D (-1418) (-)

Ion 57.00 (56.70 to 57.70): VN056687.D (-1418) (-)

Ion 72.00 (71.70 to 72.70): VN056687.D (-1418) (-)





#31

2,2-Dichloropropane

Concen: 2.295 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

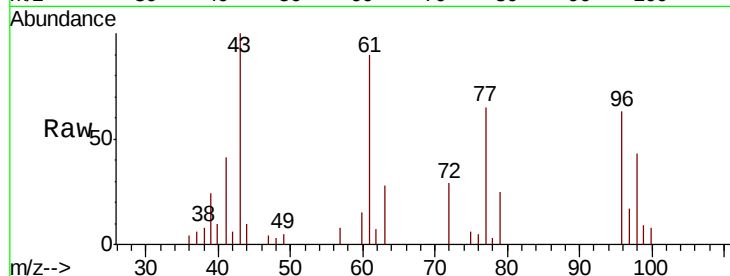
ClientSampled :

Tot Ion: 77 Resp: 10144

Ion Ratio Lower Upper

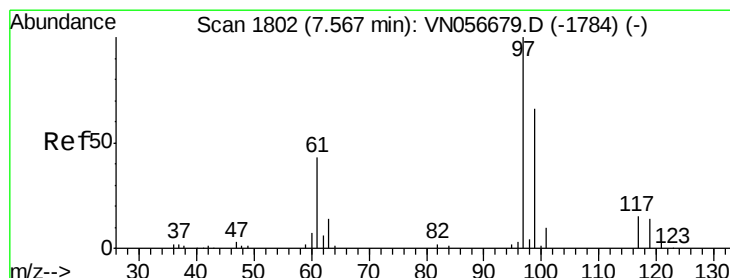
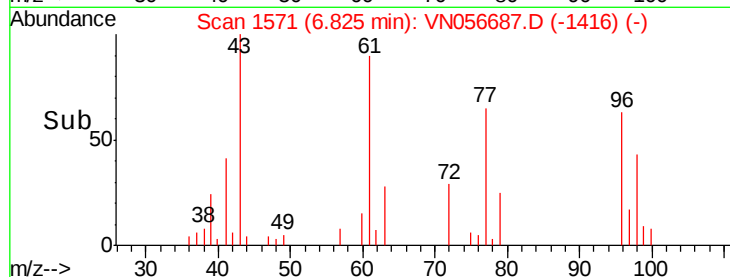
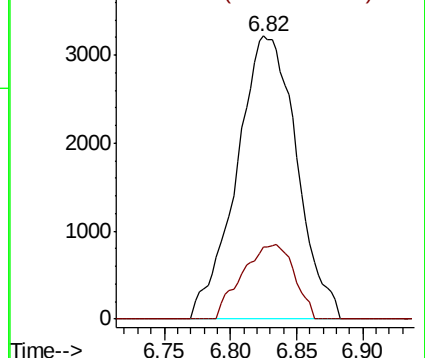
77 100

97 22.8 19.7 29.5



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: 2.397 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

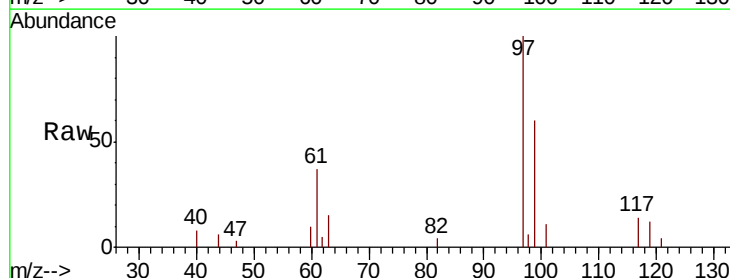
Tgt Ion: 97 Resp: 11668

Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

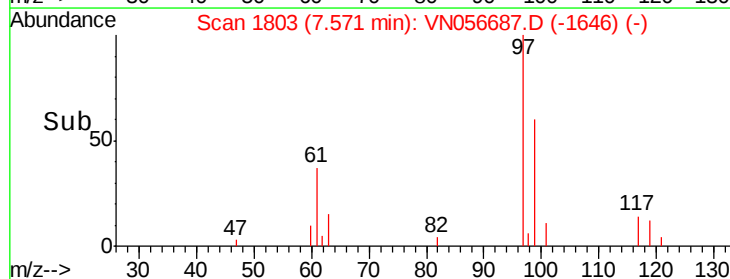
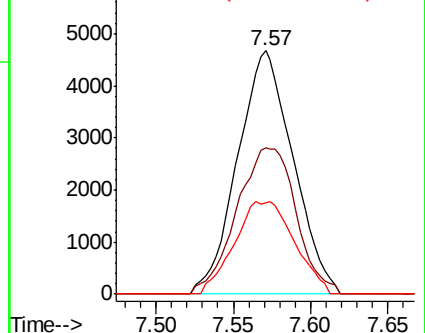
61 19.4 34.4 51.6#

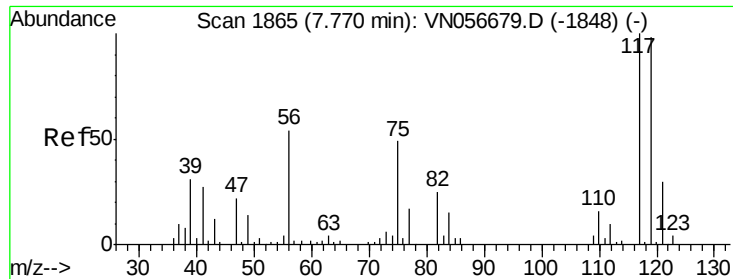


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

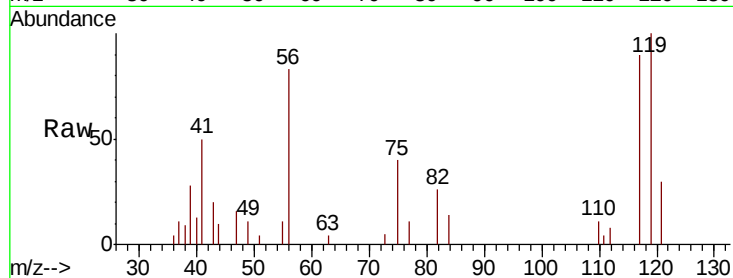




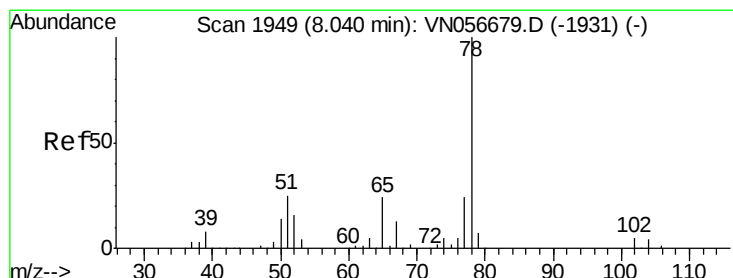
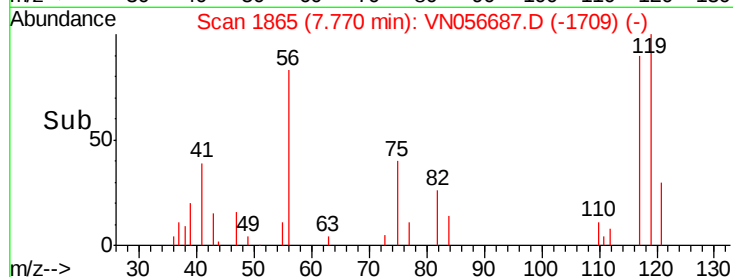
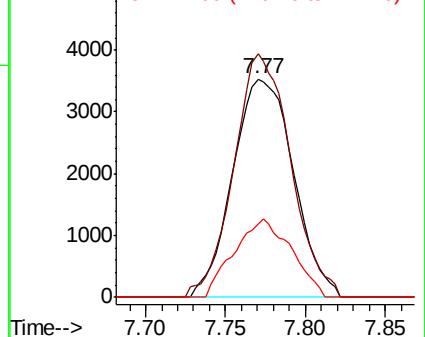
#33
Carbon Tetrachloride
Concen: 2.197 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 9203
Ion Ratio Lower Upper
117 100
119 111.5 78.7 118.1
121 33.5 24.0 36.0

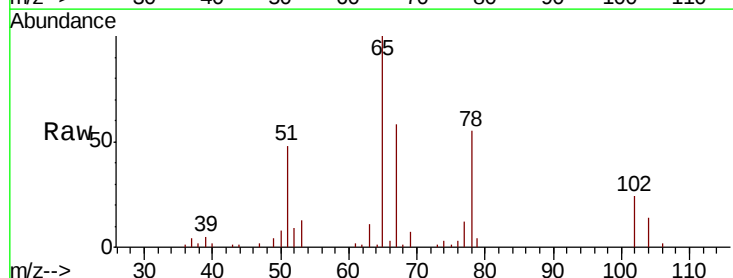


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

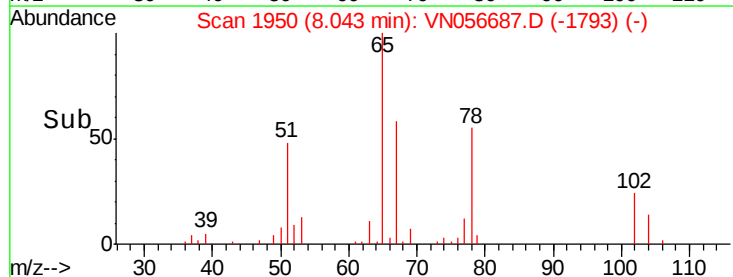
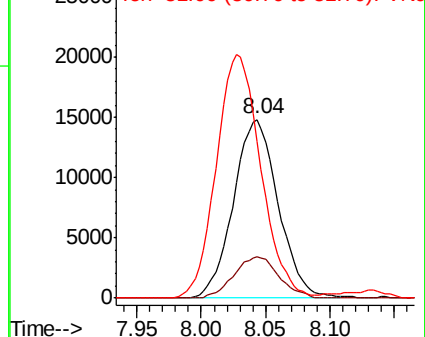


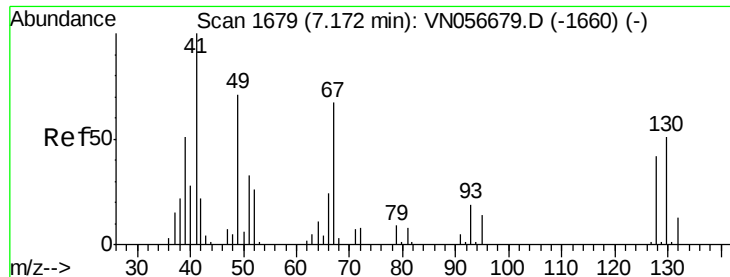
#34
Benzene
Concen: 2.550 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 78 Resp: 35776
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4
51 85.2 19.7 29.5#



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

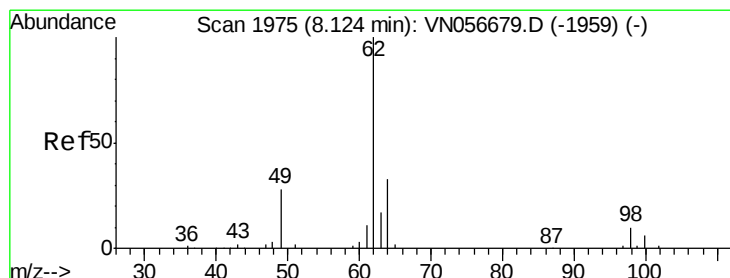
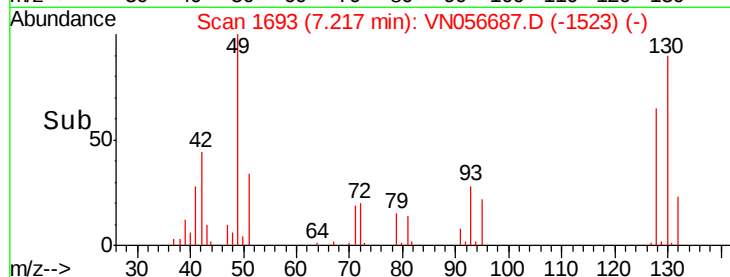
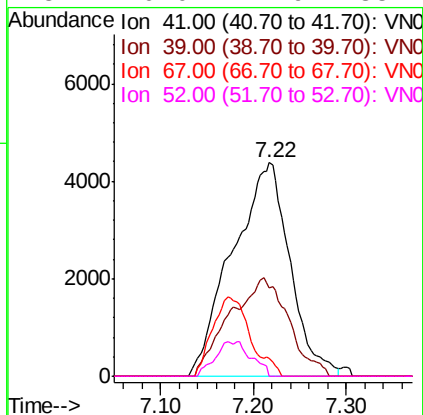
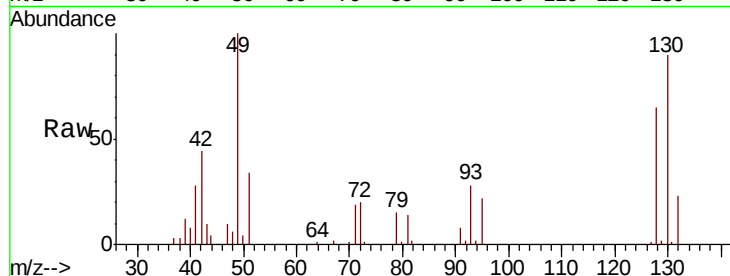




#35
Methacrylonitrile
Concen: 9.322 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

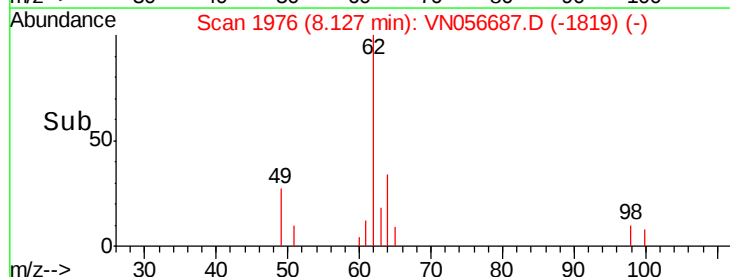
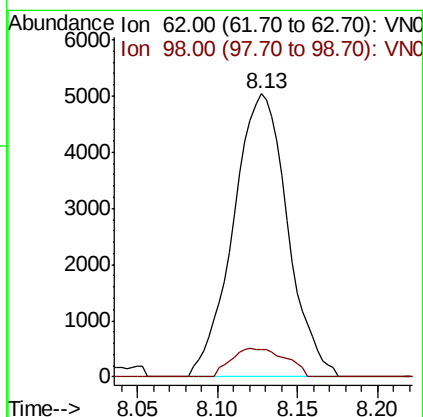
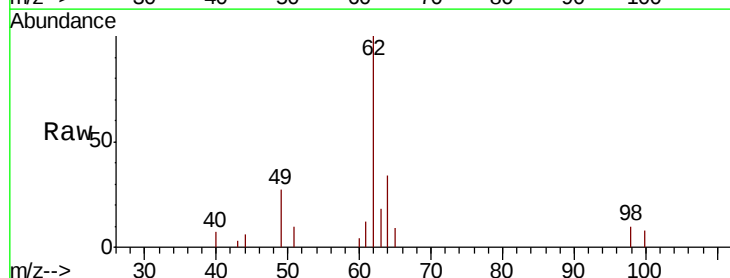
Instrument :
MSVOA_N
ClientSampleId :

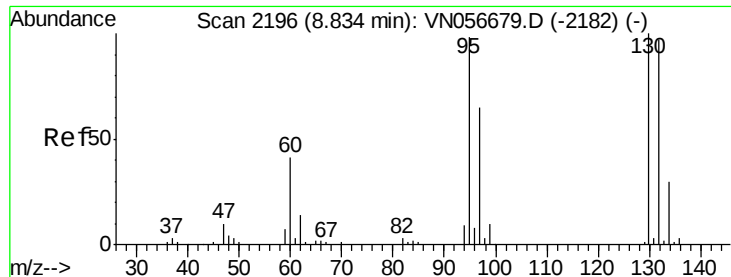
Tot Ion: 41 Resp: 18830
Ion Ratio Lower Upper
41 100
39 41.6 25.4 76.2
67 8.1 33.6 100.8#
52 0.0 12.9 38.7#



#36
1,2-Dichloroethane
Concen: 2.606 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 62 Resp: 11746
Ion Ratio Lower Upper
62 100
98 4.9 7.7 11.5#

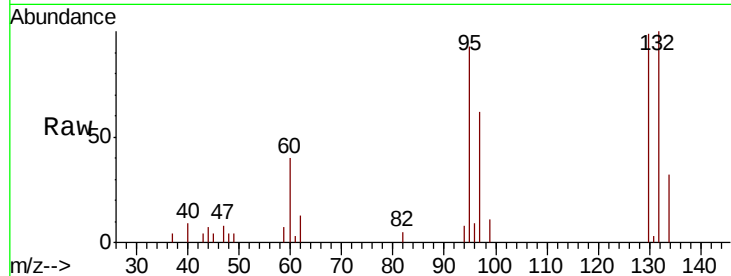




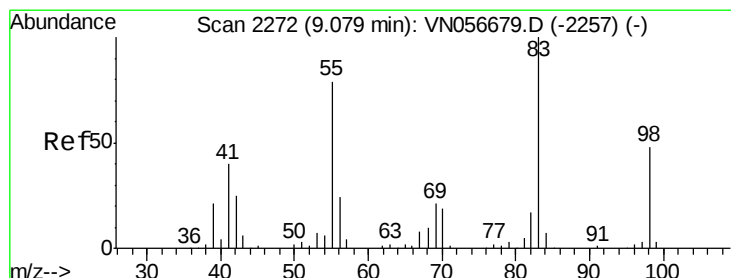
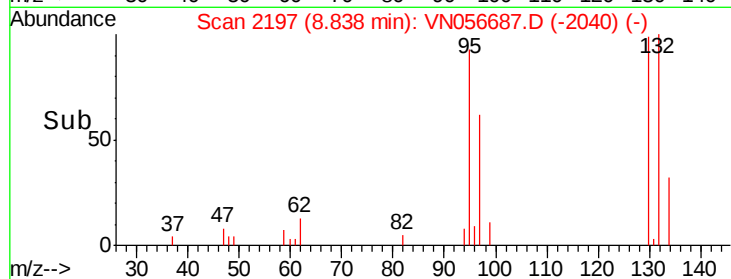
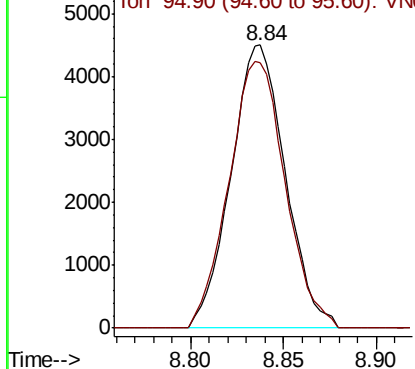
#37
 Trichloroethene
 Concen: 2.413 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:130 Resp: 9196
 Ion Ratio Lower Upper
 130 100
 95 93.9 78.4 117.6

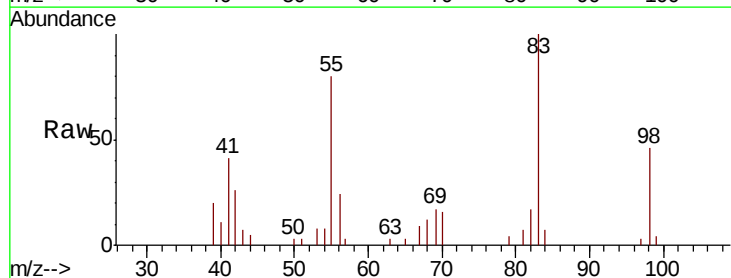


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

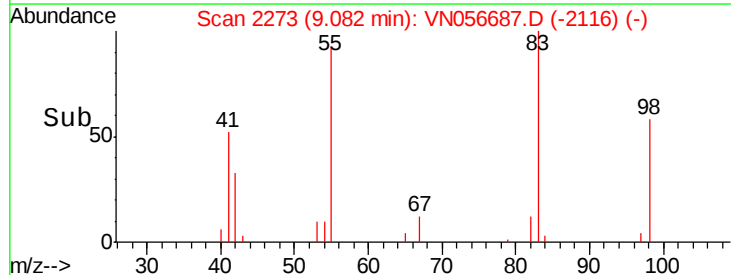
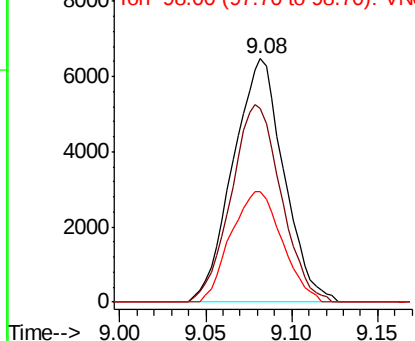


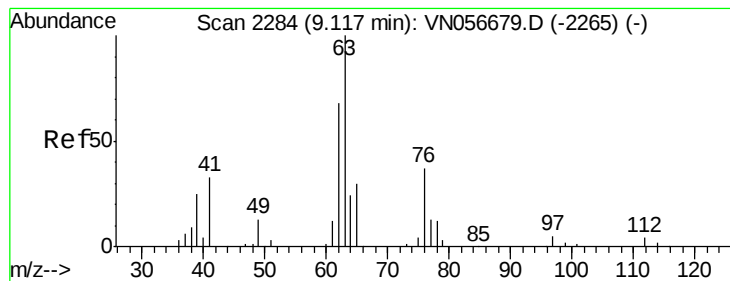
#38
 Methylcyclohexane
 Concen: 2.308 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Tgt Ion: 83 Resp: 13316
 Ion Ratio Lower Upper
 83 100
 55 79.6 38.4 115.2
 98 45.7 23.3 69.9



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: 2.512 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

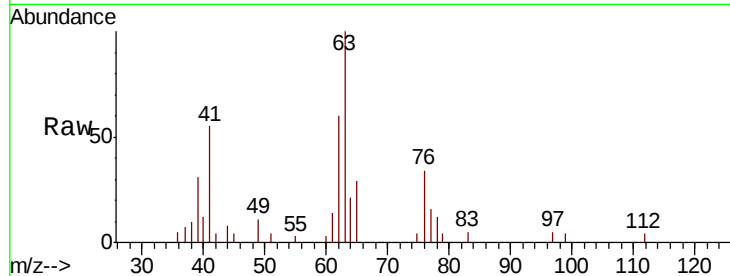
ClientSampled :

Tot Ion: 63 Resp: 9461

Ion Ratio Lower Upper

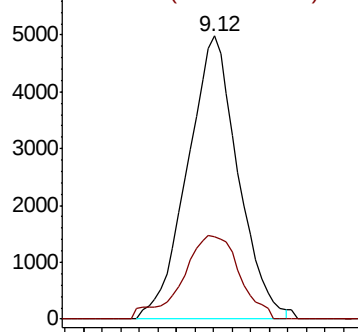
63 100

65 29.1 24.6 36.8

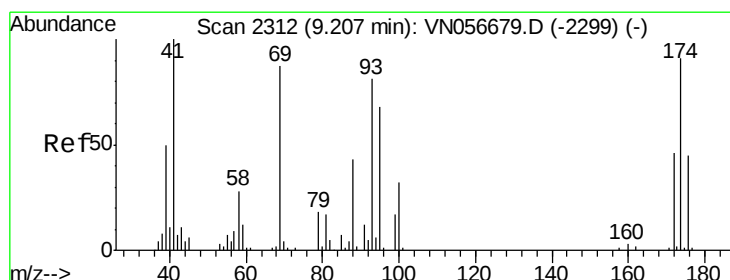
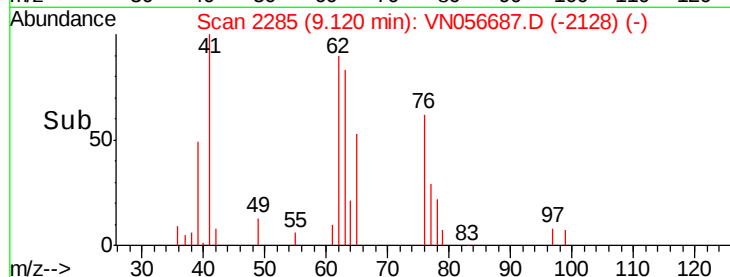


Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



Time-->



#40

Dibromomethane

Concen: 2.465 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

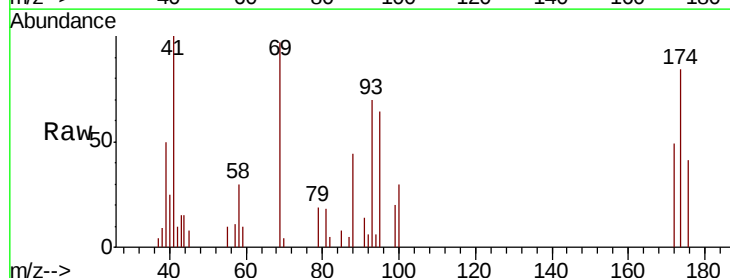
Tgt Ion: 93 Resp: 5914

Ion Ratio Lower Upper

93 100

95 83.9 0.0 167.0

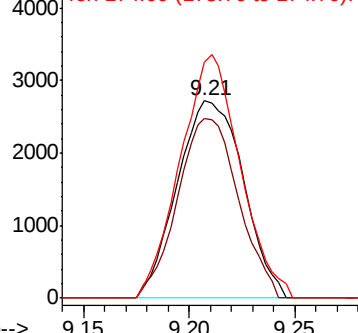
174 112.2 0.0 224.2



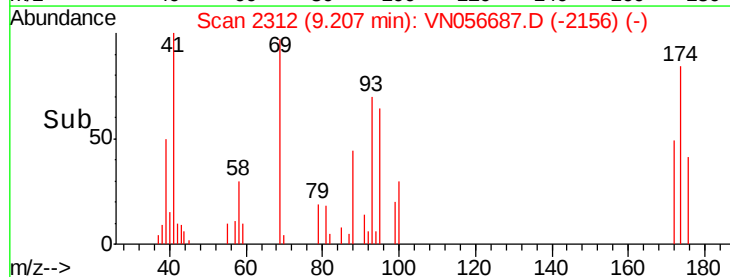
Abundance Ion 93.00 (92.70 to 93.70): VN0

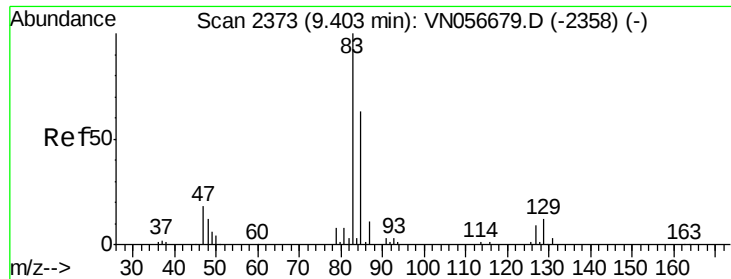
Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V



Time-->





#41

Bromodichloromethane

Concen: 2.272 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

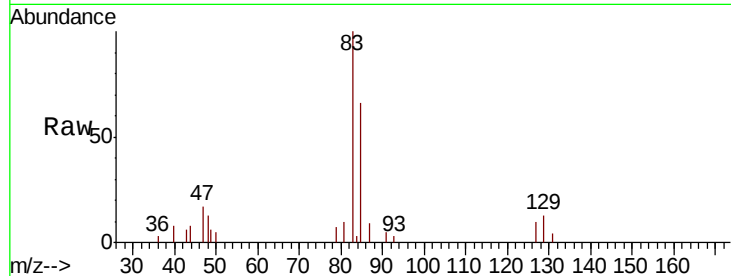
Tot Ion: 83 Resp: 10046

Ion Ratio Lower Upper

83 100

85 66.0 50.1 75.1

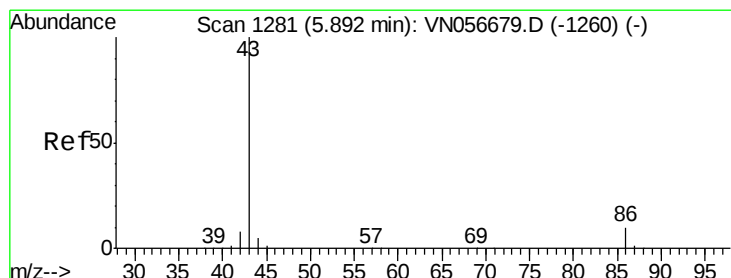
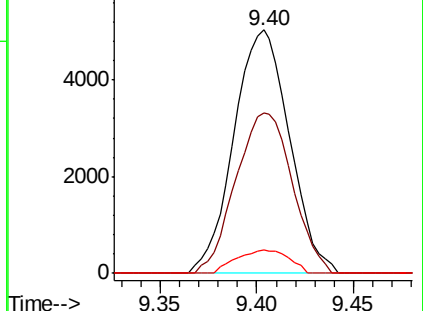
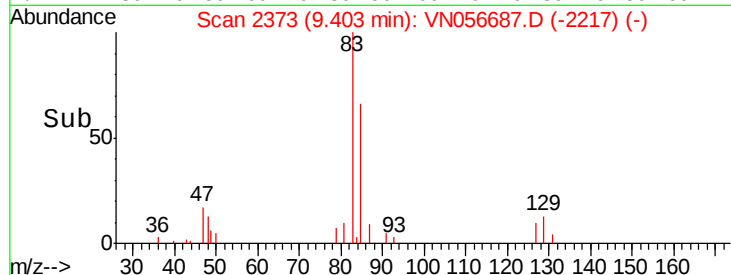
127 9.6 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN056687.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN056687.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN056687.D (-2217) (-)



#42

Vinyl Acetate

Concen: 10.612 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VN056687.D

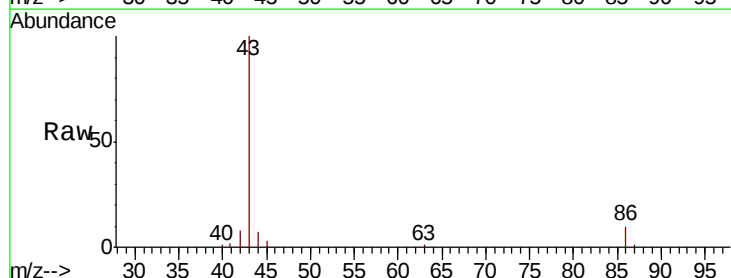
Acq: 12 Jul 2019 14:02

Tgt Ion: 43 Resp: 93391

Ion Ratio Lower Upper

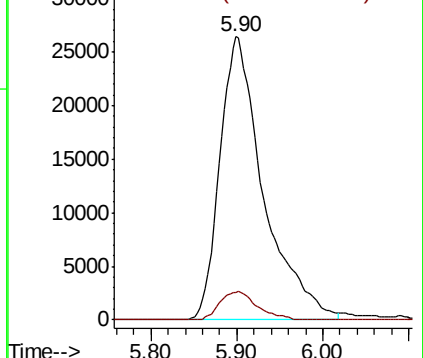
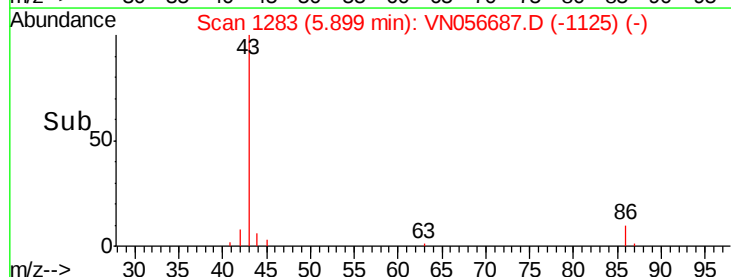
43 100

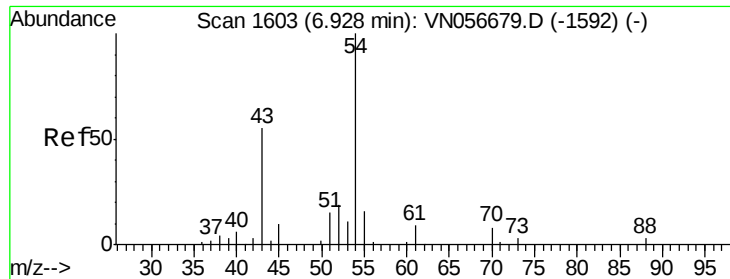
86 8.5 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VN056687.D (-1125) (-)

Ion 86.00 (85.70 to 86.70): VN056687.D (-1125) (-)

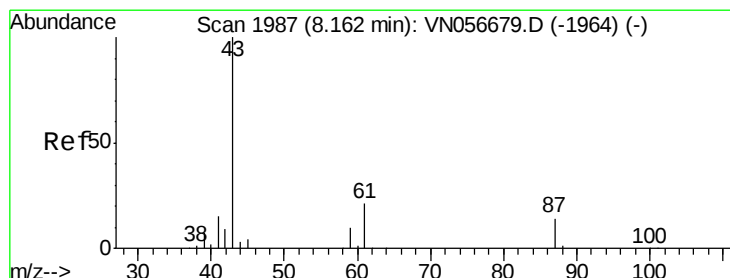
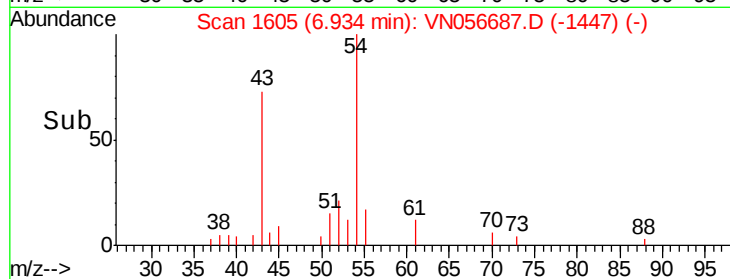
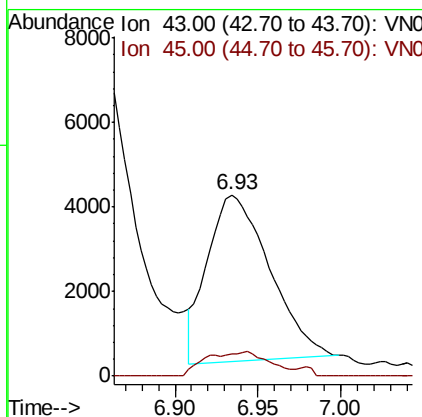
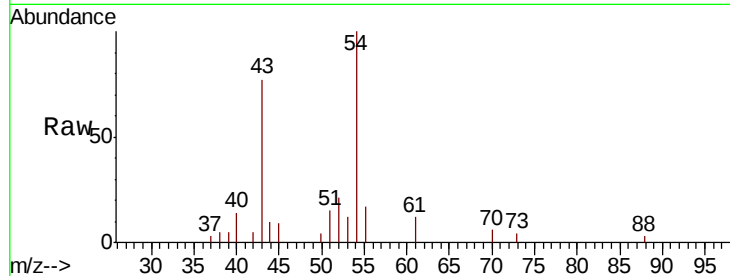




#43
Ethyl Acetate
Concen: 2.160 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

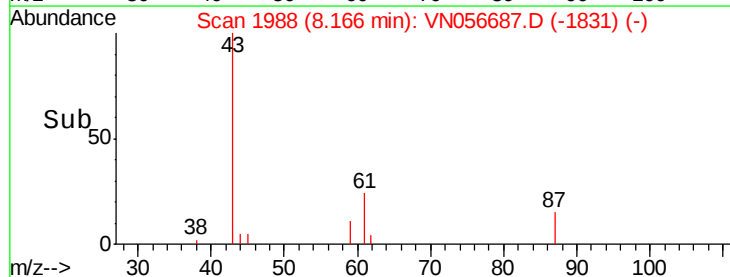
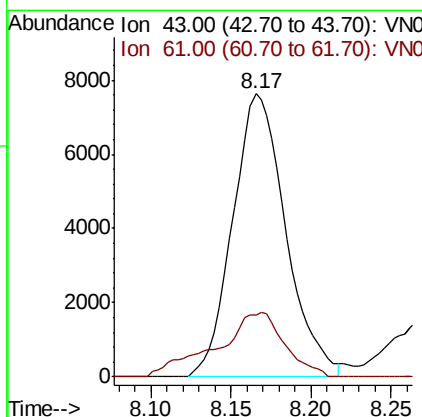
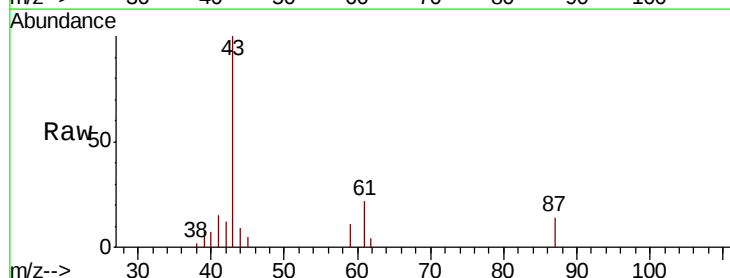
Instrument :
MSVOA_N
ClientSampled :

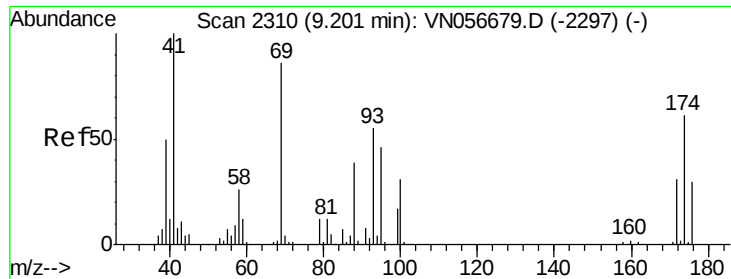
Tot Ion: 43 Resp: 10322
Ion Ratio Lower Upper
43 100
45 4.9 11.2 16.8#



#44
Isopropyl Acetate
Concen: 2.324 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 43 Resp: 17323
Ion Ratio Lower Upper
43 100
61 26.7 22.6 33.8

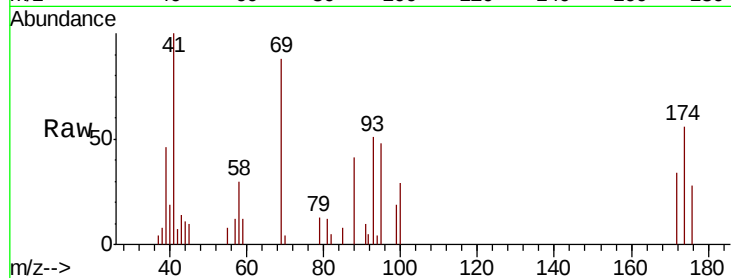




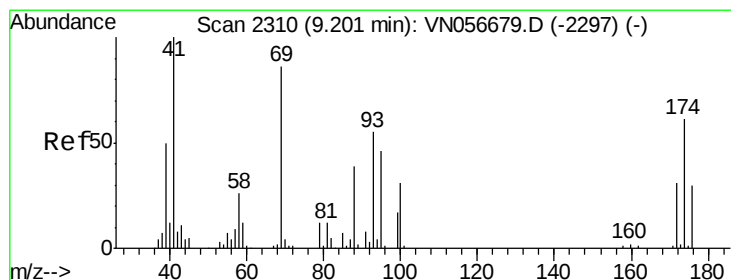
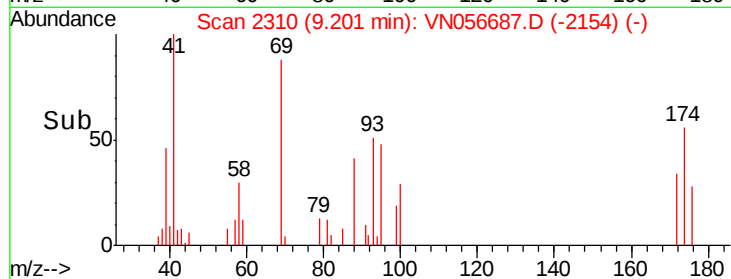
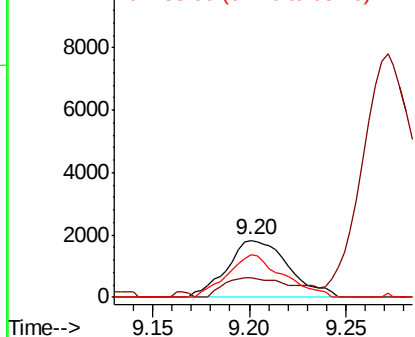
#45
 1,4-Dioxane
 Concen: 53.451 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 4030
 Ion Ratio Lower Upper
 88 100
 43 32.7 23.0 34.6
 58 68.1 54.6 81.8

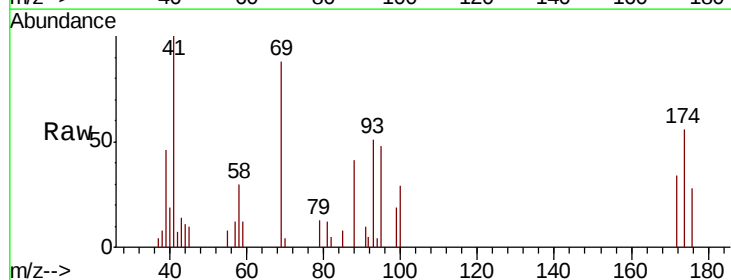


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

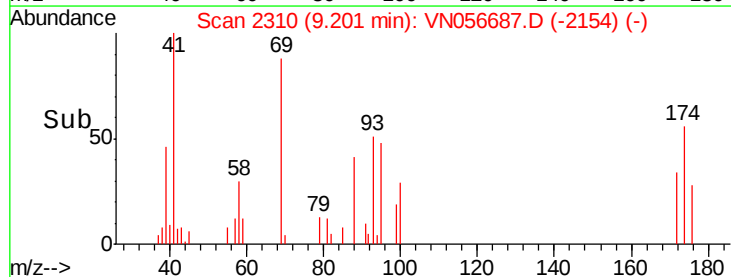
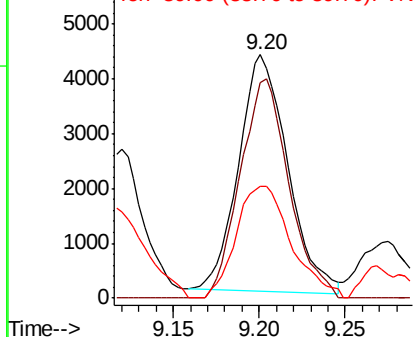


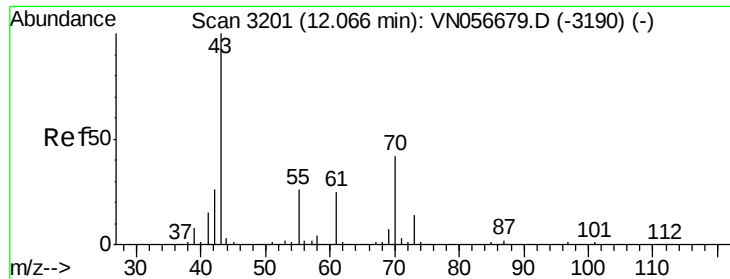
#46
 Methyl methacrylate
 Concen: 2.382 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Tgt Ion: 41 Resp: 8527
 Ion Ratio Lower Upper
 41 100
 69 91.9 43.0 129.0
 39 47.5 25.1 75.4



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

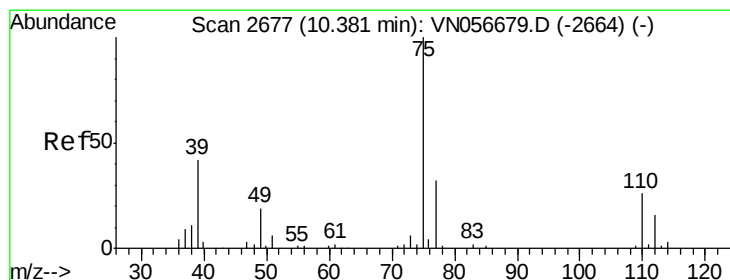
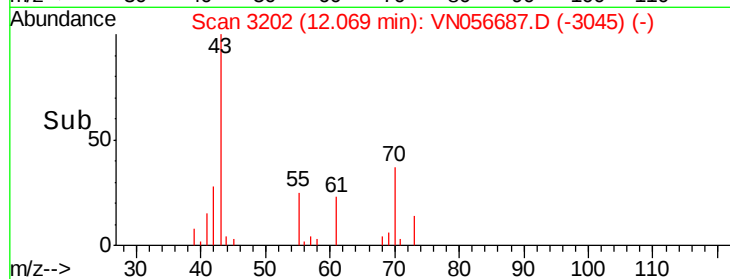
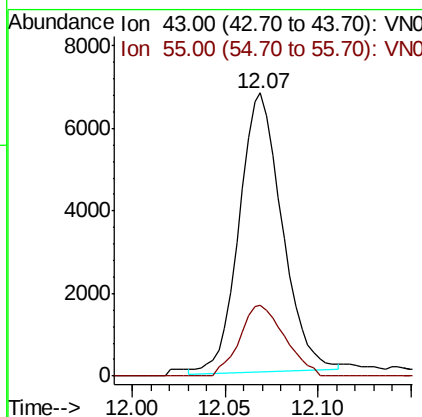
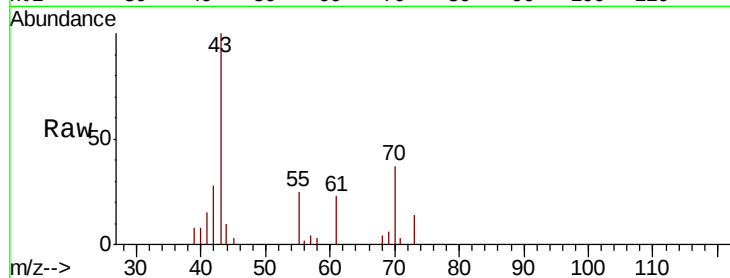




#47
n-amvl Acetate
Concen: 1.792 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

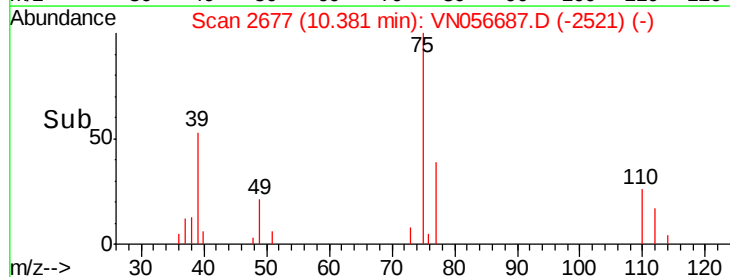
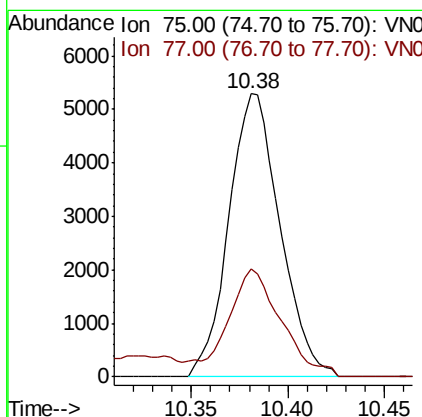
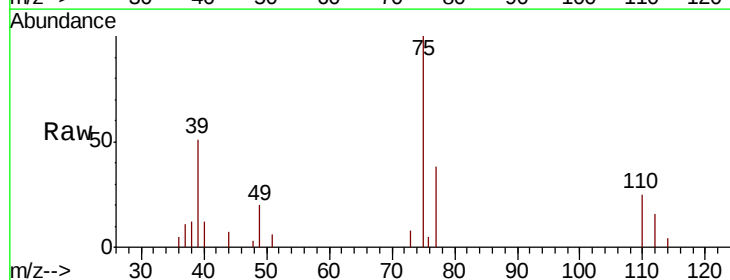
Instrument :
MSVOA_N
ClientSampleId :

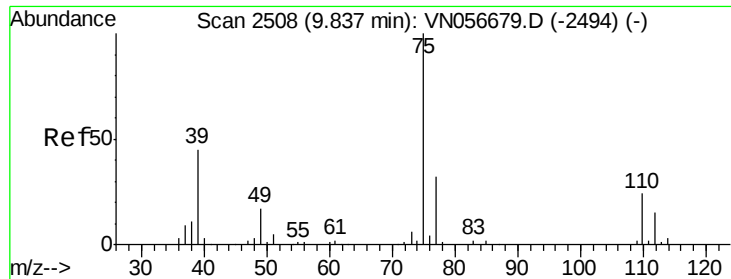
Tot Ion: 43 Resp: 10924
Ion Ratio Lower Upper
43 100
55 26.4 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 2.003 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 75 Resp: 9742
Ion Ratio Lower Upper
75 100
77 38.0 25.7 38.5

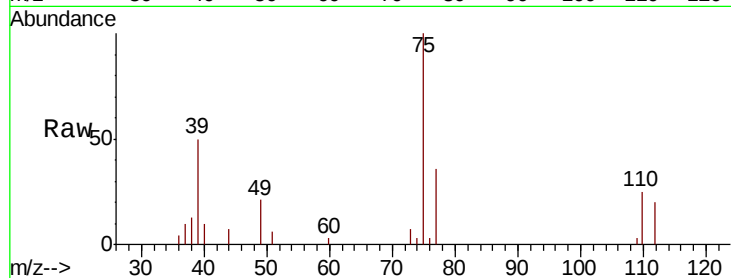




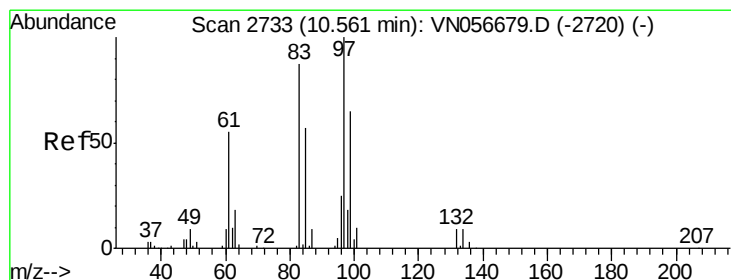
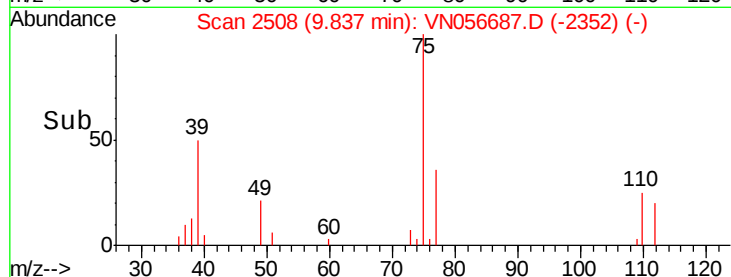
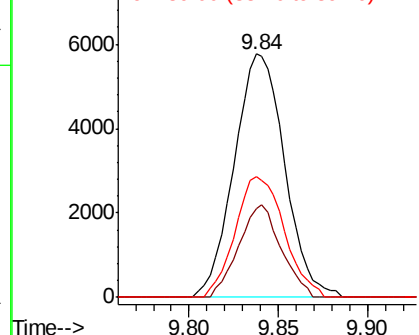
#49
 cis-1,3-Dichloropropene
 Concen: 2.067 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 11339
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.0 39.0
 39 49.6 36.2 54.4

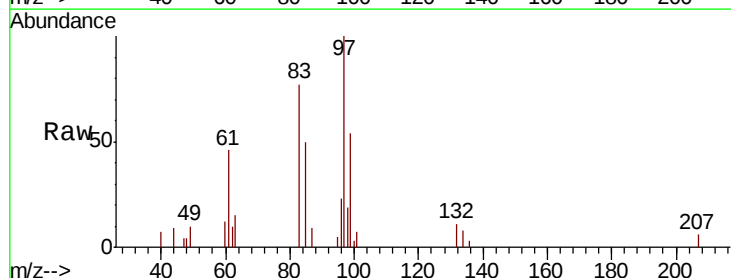


Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

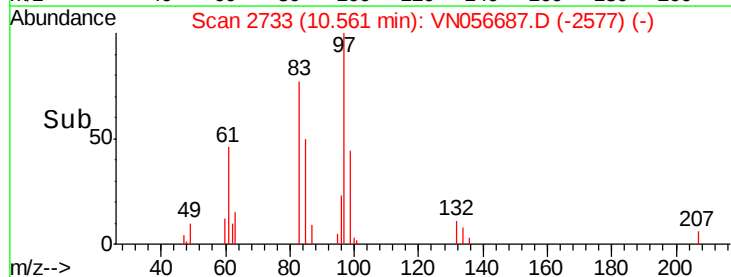
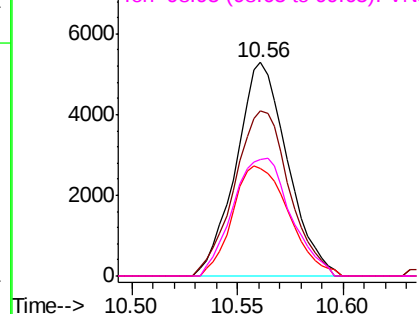


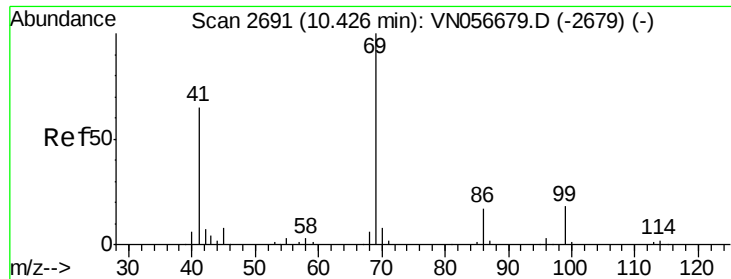
#50
 1,1,2-Trichloroethane
 Concen: 2.575 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Tgt Ion: 97 Resp: 9001
 Ion Ratio Lower Upper
 97 100
 83 77.2 69.2 103.8
 85 50.2 45.3 67.9
 99 54.3 51.6 77.4



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

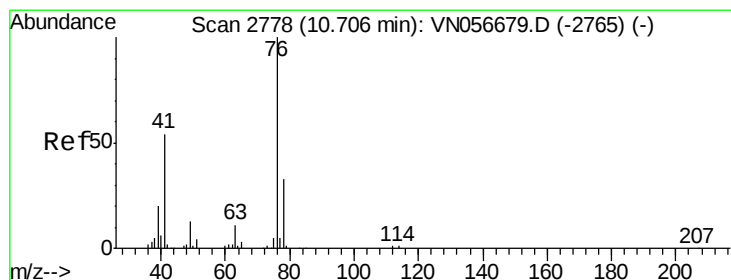
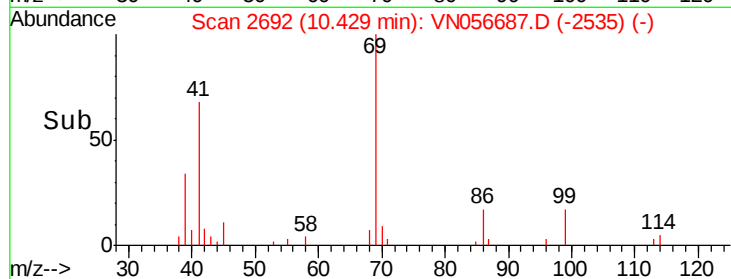
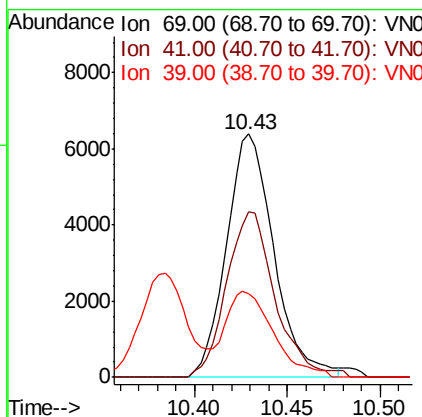
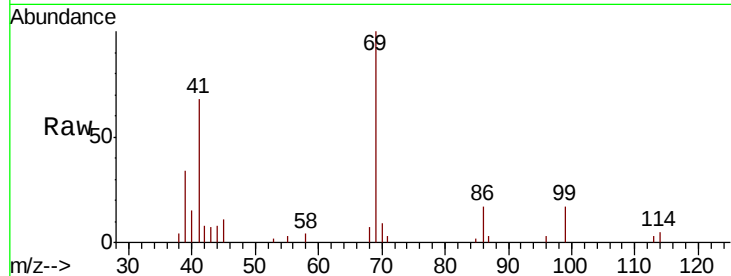




#51
Ethyl methacrylate
Concen: 2.121 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

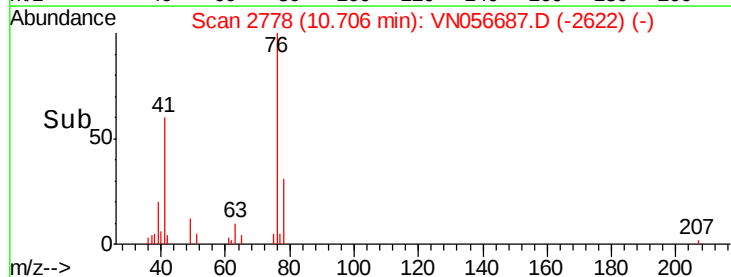
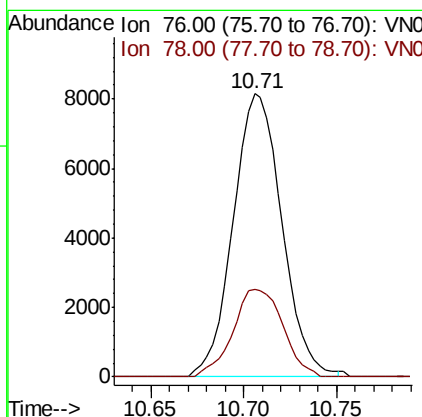
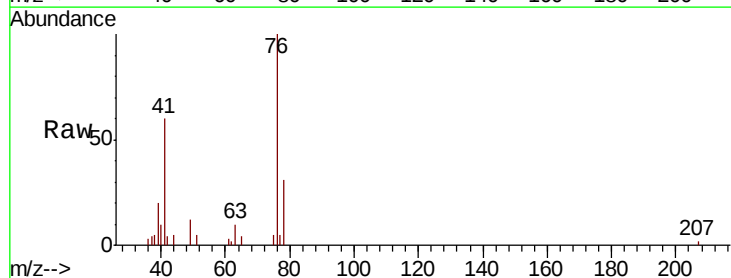
Instrument :
MSVOA_N
ClientSampleId :

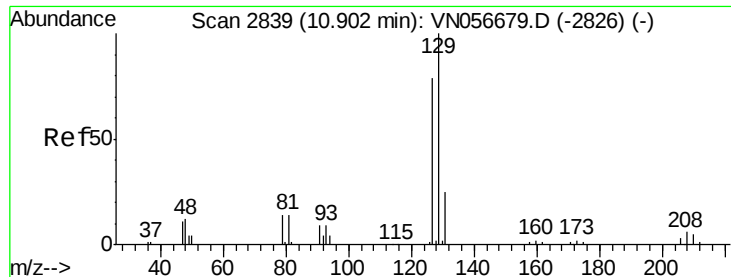
Tot Ion: 69 Resp: 11402
Ion Ratio Lower Upper
69 100
41 67.9 32.8 98.3
39 34.4 15.4 46.2



#52
1,3-Dichloropropane
Concen: 2.541 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 76 Resp: 14863
Ion Ratio Lower Upper
76 100
78 31.7 0.0 63.6





#53

Dibromochloromethane

Concen: 2.128 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

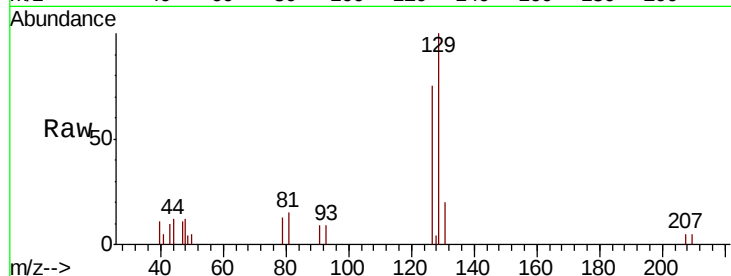
ClientSampleId :

Tot Ion:129 Resp: 7516

Ion Ratio Lower Upper

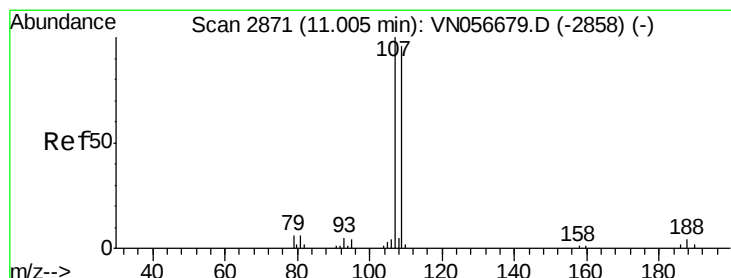
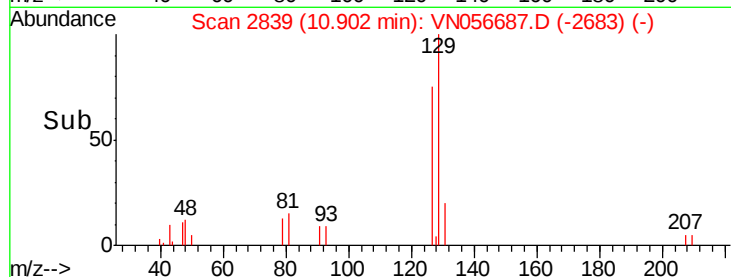
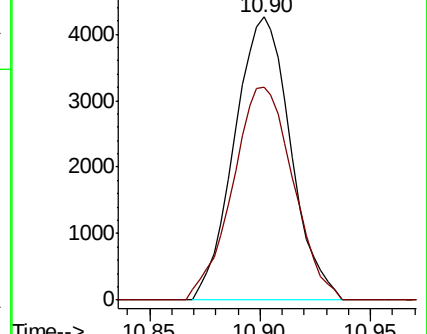
129 100

127 80.9 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 2.426 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056687.D

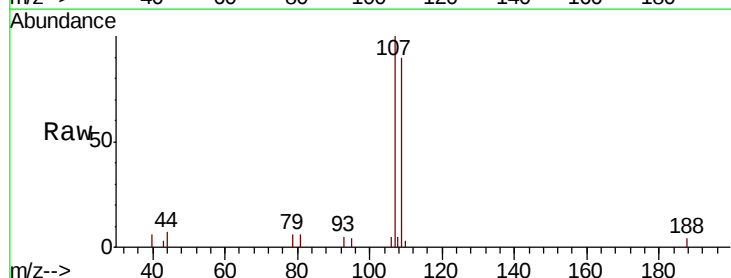
Acq: 12 Jul 2019 14:02

Tgt Ion:107 Resp: 8811

Ion Ratio Lower Upper

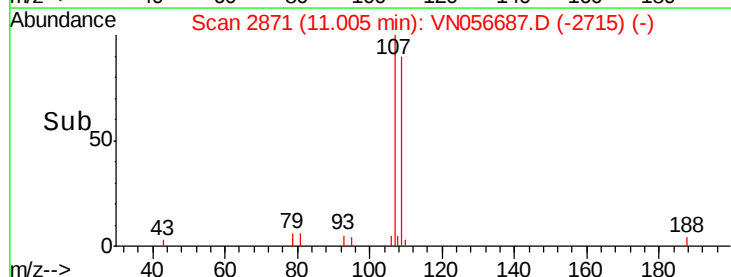
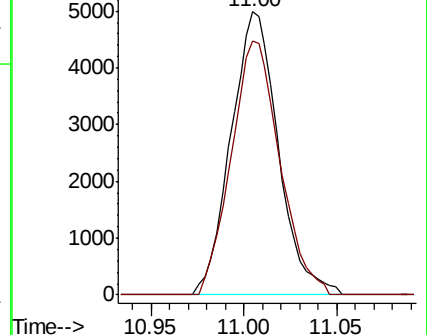
107 100

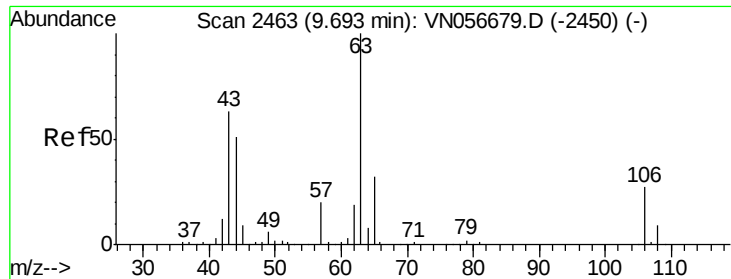
109 92.3 77.9 116.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

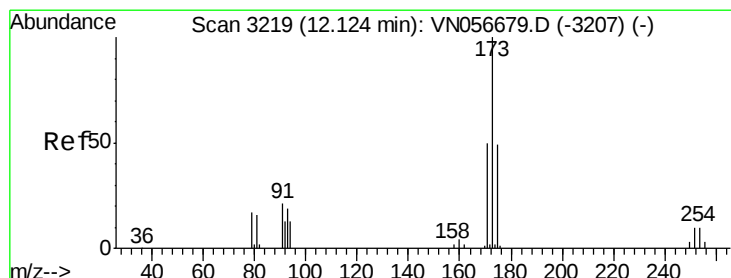
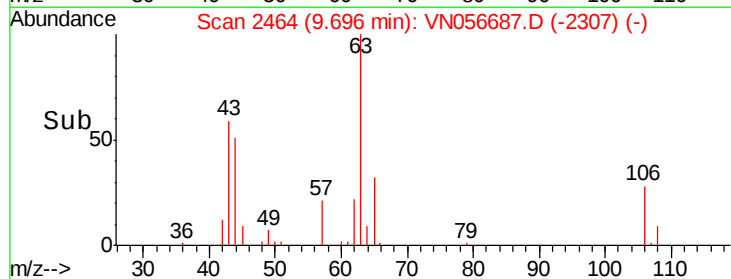
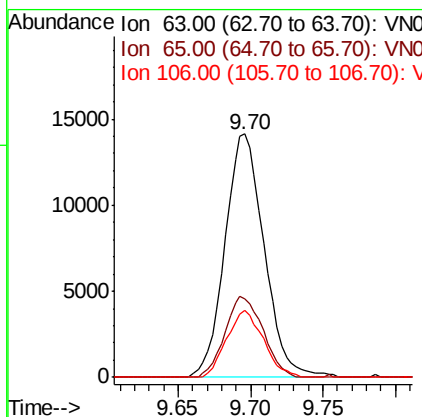
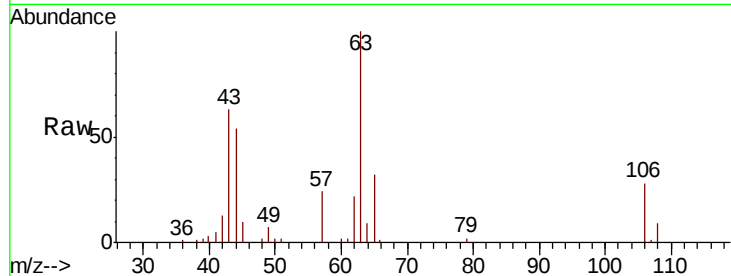




#55
2-Chloroethyl vinyl ether
Concen: 10.223 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

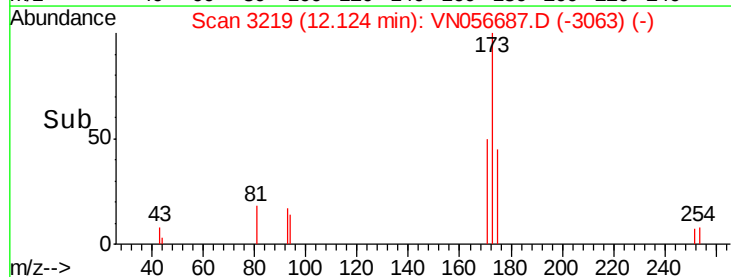
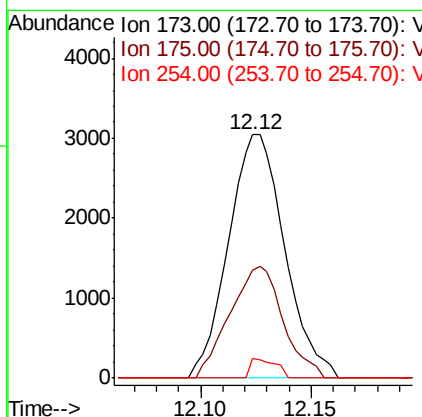
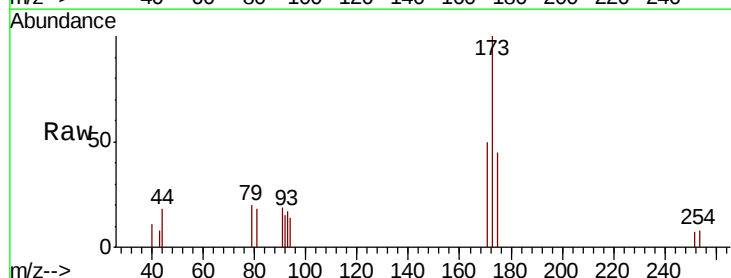
Instrument :
MSVOA_N
ClientSampleId :

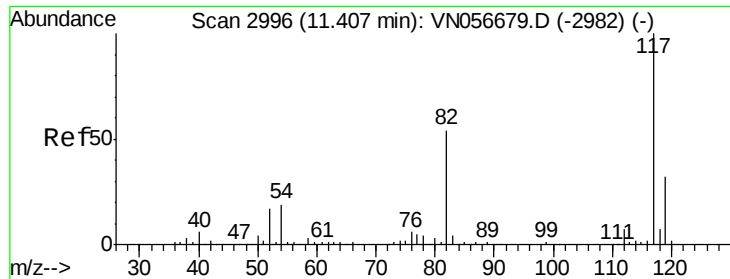
Tot Ion: 63 Resp: 26577
Ion Ratio Lower Upper
63 100
65 32.0 25.2 37.8
106 25.8 21.6 32.4



#56
Bromoform
Concen: 2.058 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 173 Resp: 5382
Ion Ratio Lower Upper
173 100
175 43.6 39.7 59.5
254 3.7 7.8 11.8#

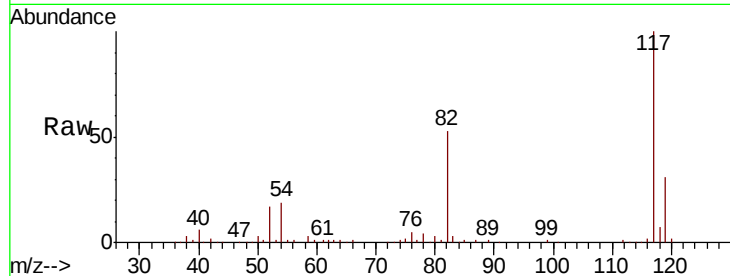




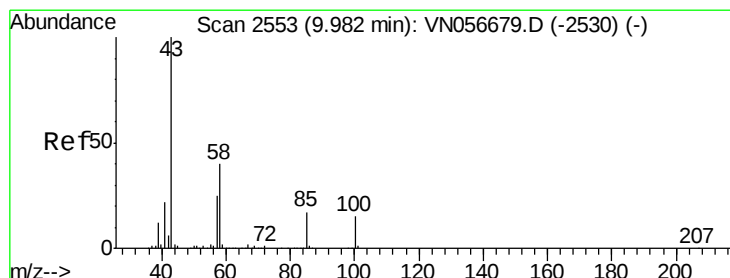
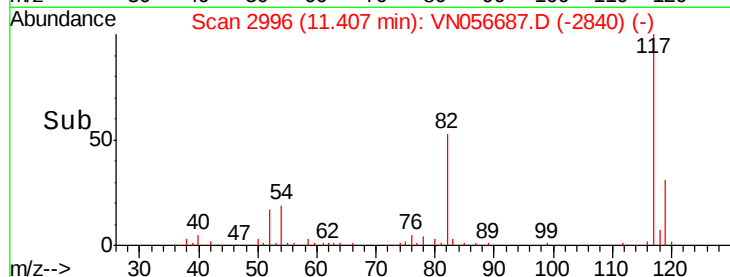
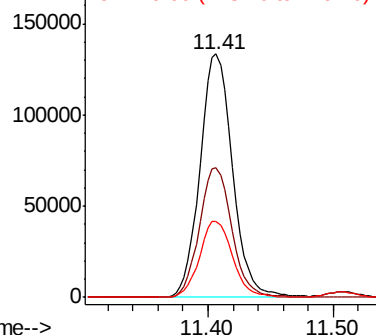
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 240489
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.9 26.0 39.0

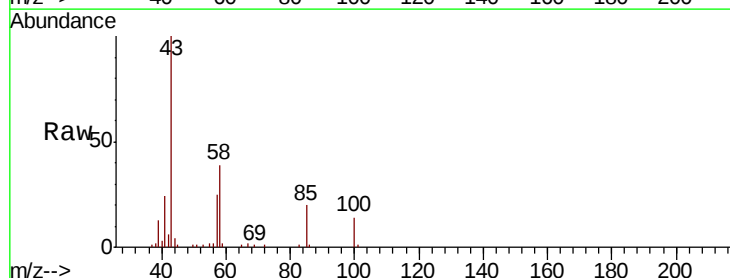


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

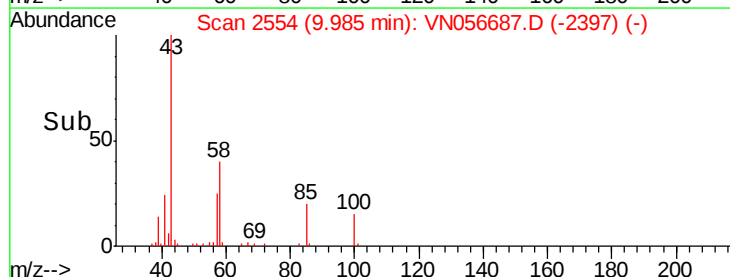
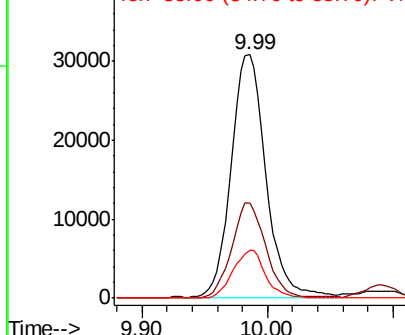


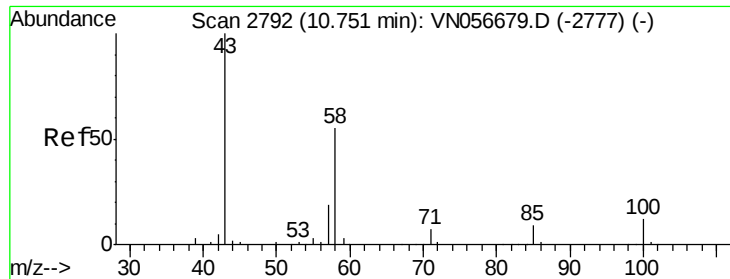
#58
4-Methyl-2-Pentanone
Concen: 13.216 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 43 Resp: 59819
Ion Ratio Lower Upper
43 100
58 37.7 31.9 47.9
85 18.1 14.2 21.4



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

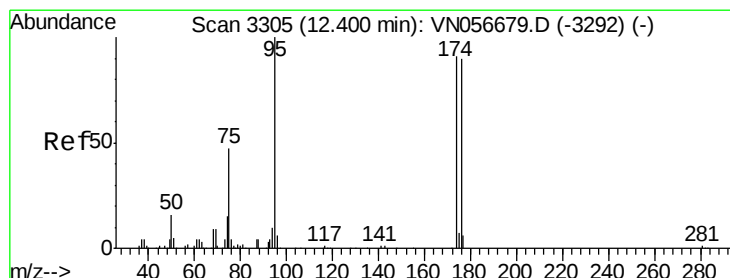
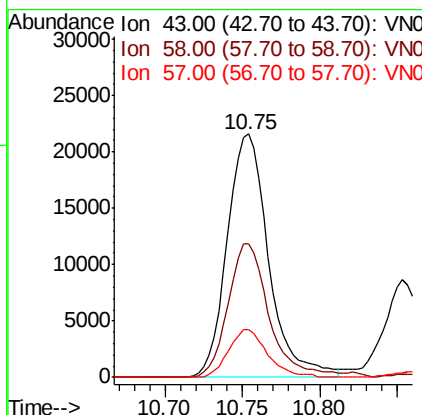
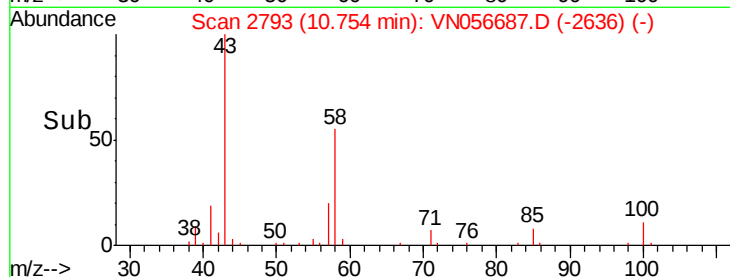
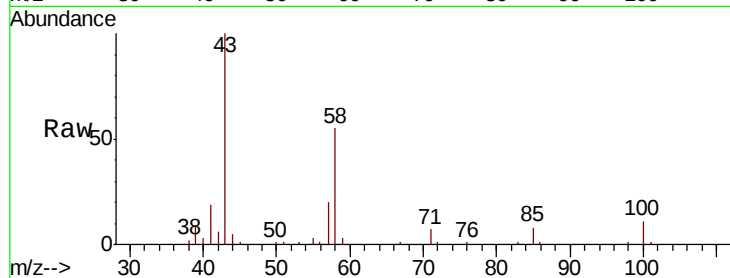




#59
2-Hexanone
Concen: 11.707 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

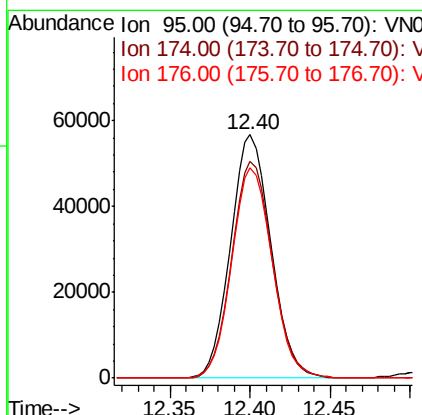
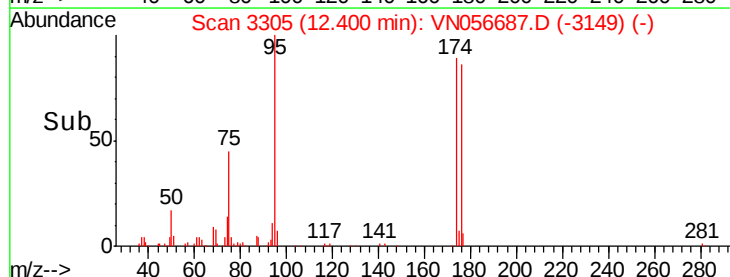
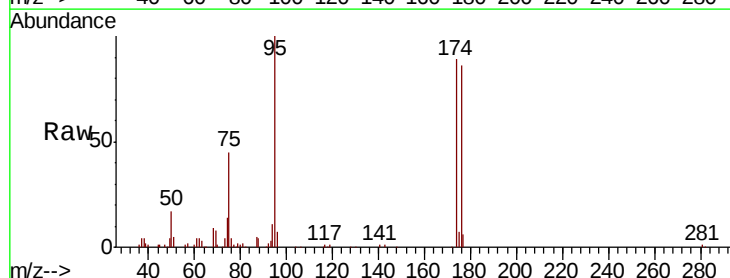
Instrument :
MSVOA_N
ClientSampled :

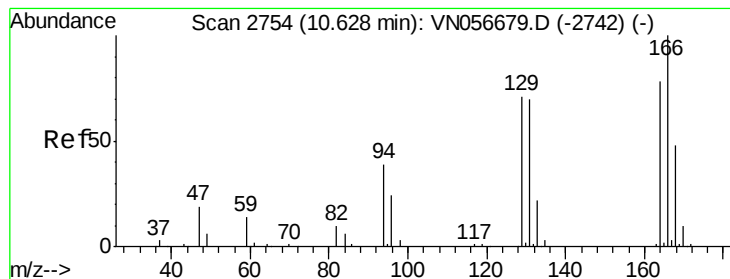
Tot Ion: 43 Resp: 40223
Ion Ratio Lower Upper
43 100
58 54.0 44.4 66.6
57 17.8 15.2 22.8



#60
4-Bromofluorobenzene
Concen: 26.462 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 95 Resp: 97394
Ion Ratio Lower Upper
95 100
174 89.4 72.6 108.8
176 86.7 71.0 106.6





#61

Tetrachloroethene

Concen: 2.815 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 9728

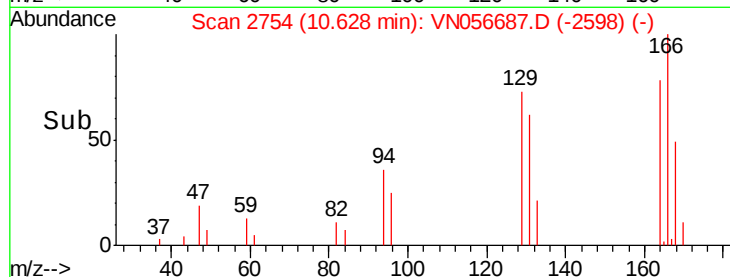
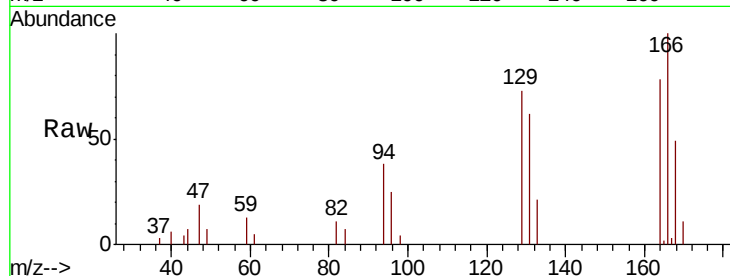
Ion Ratio Lower Upper

164 100

166 123.9 102.3 153.5

129 93.1 72.6 108.8

131 76.1 71.4 107.2

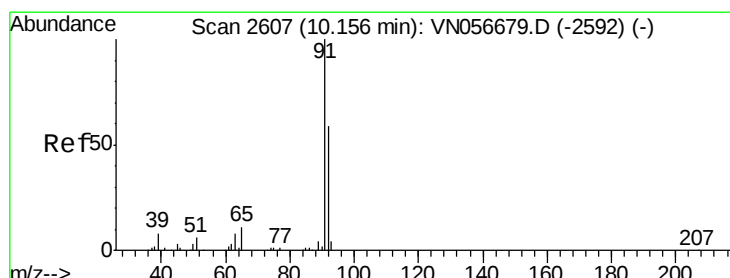
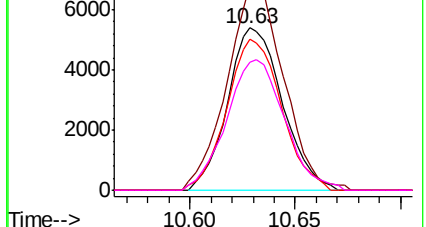


Abundance Ion 163.85 (163.55 to 164.55): V

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: 2.664 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056687.D

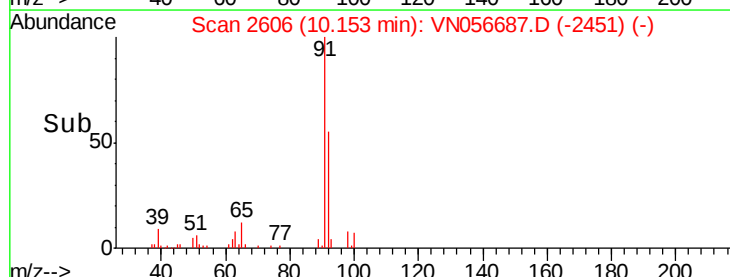
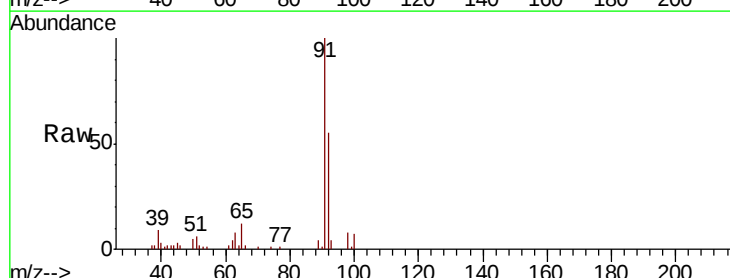
Acq: 12 Jul 2019 14:02

Tgt Ion: 91 Resp: 37636

Ion Ratio Lower Upper

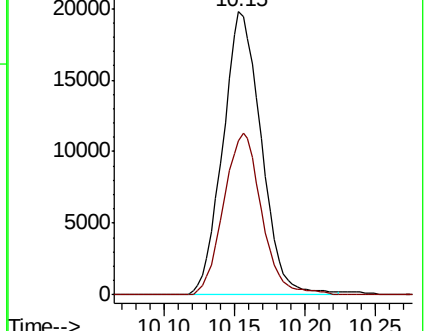
91 100

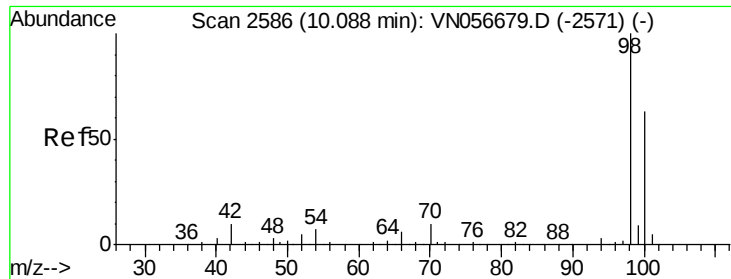
92 56.7 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

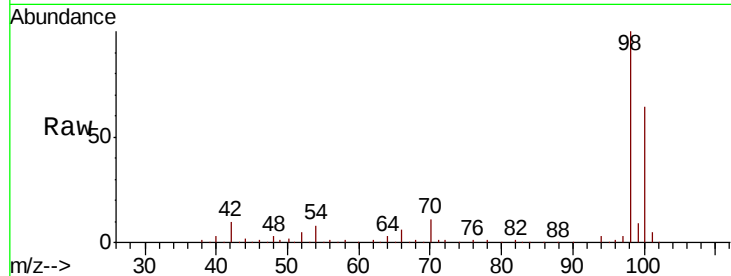




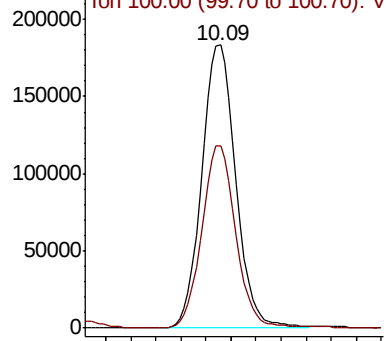
#63
Toluene-d8
Concen: 31.415 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :

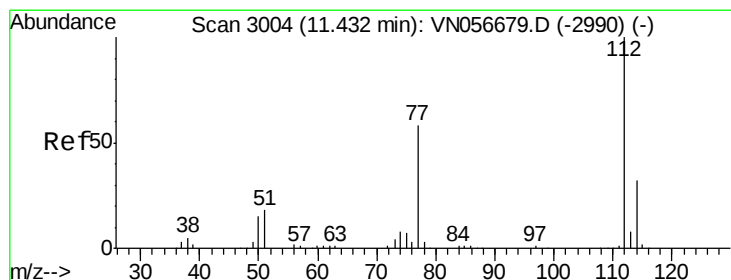
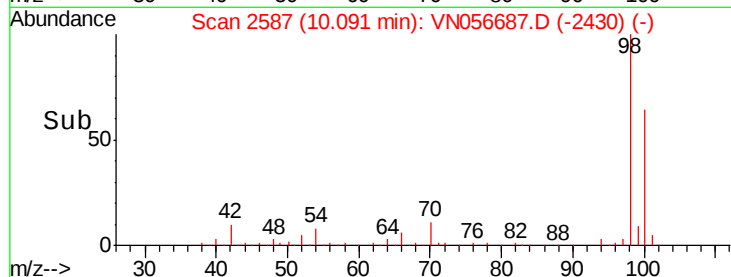
Tot Ion: 98 Resp: 345191
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN056687.D (-2571) (-)
Ion 100.00 (99.70 to 100.70): VN056687.D (-2571) (-)

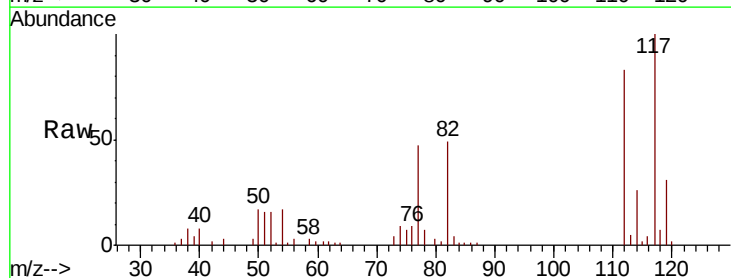


Time-->

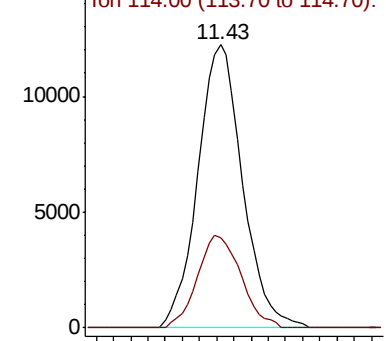


#64
Chlorobenzene
Concen: 2.561 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

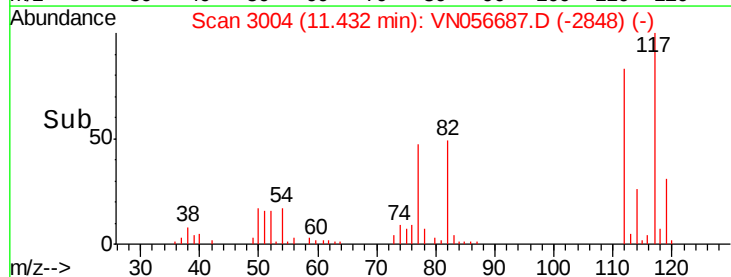
Tgt Ion: 112 Resp: 22066
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

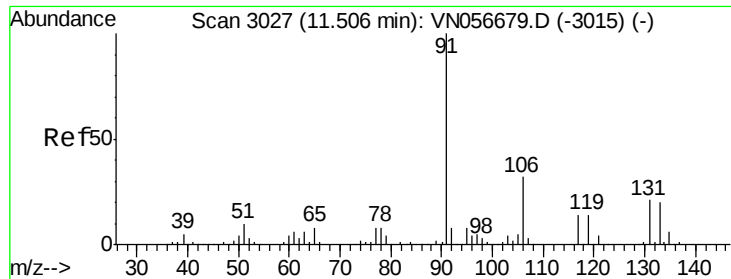


Abundance Ion 112.00 (111.70 to 112.70): VN056687.D (-2848) (-)
Ion 114.00 (113.70 to 114.70): VN056687.D (-2848) (-)



Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 2.464 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

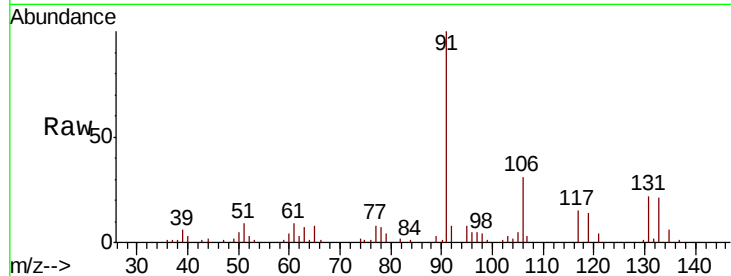
Tot Ion:131 Resp: 7781

Ion Ratio Lower Upper

131 100

133 93.6 0.0 191.4

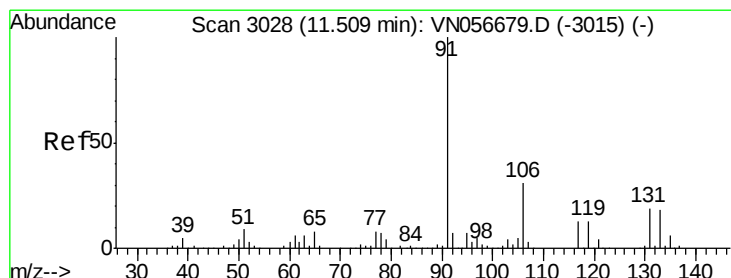
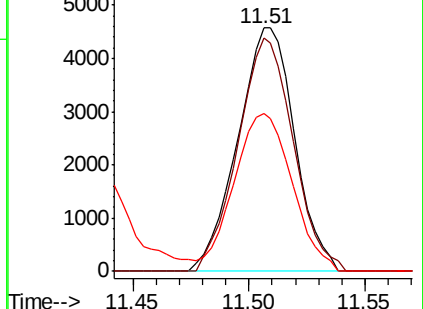
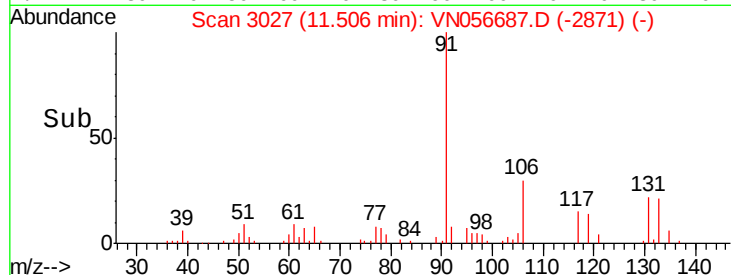
119 66.4 0.0 133.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 2.415 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056687.D

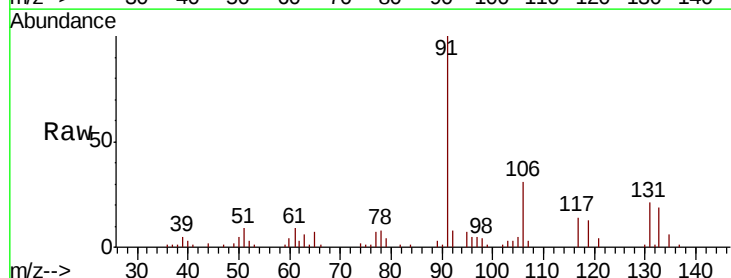
Acq: 12 Jul 2019 14:02

Tgt Ion: 91 Resp: 36877

Ion Ratio Lower Upper

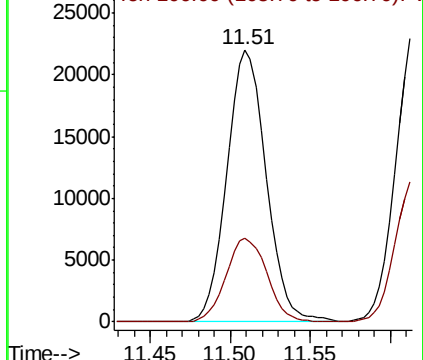
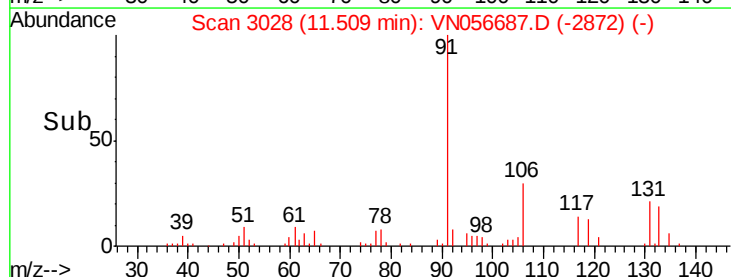
91 100

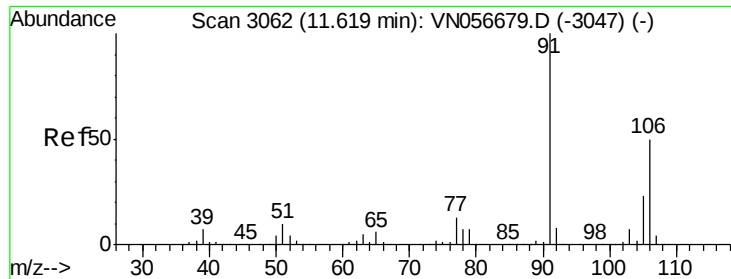
106 30.8 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

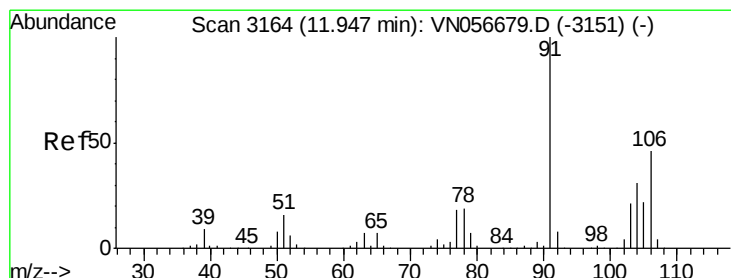
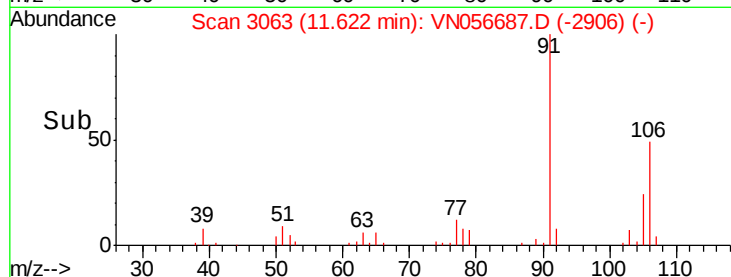
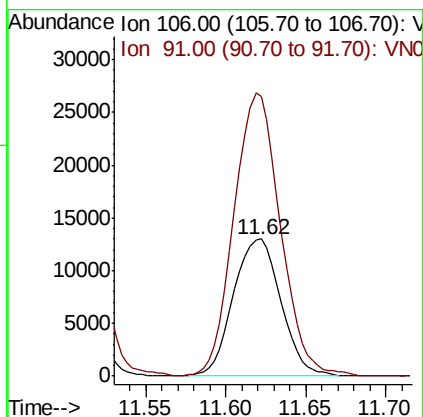
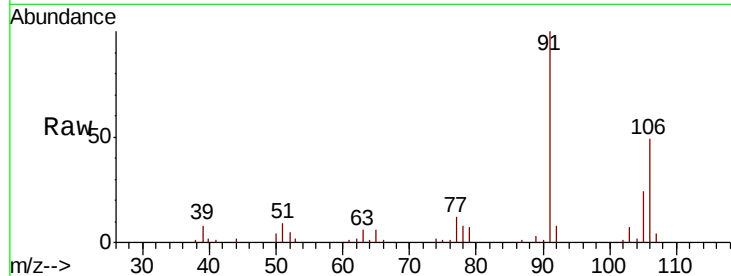




#67
m/p-Xylenes
Concen: 4.590 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

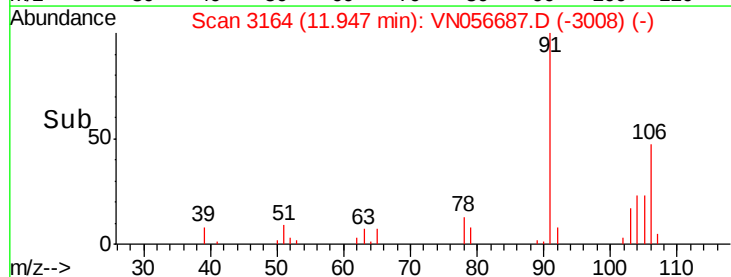
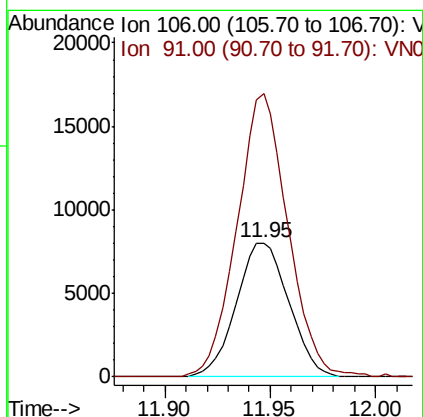
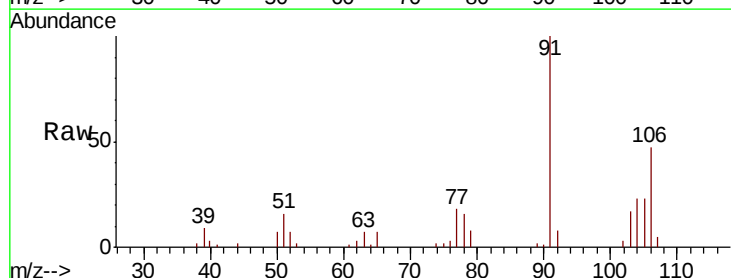
Instrument :
MSVOA_N
ClientSampled :

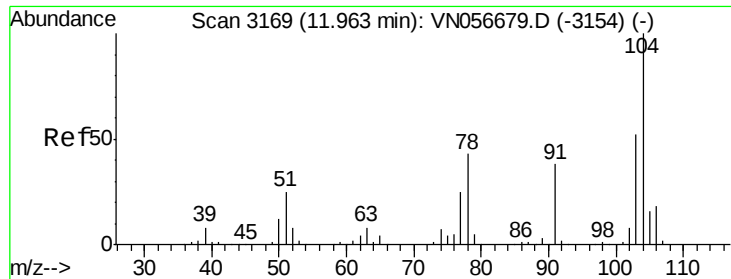
Tot Ion:106 Resp: 26450
Ion Ratio Lower Upper
106 100
91 201.6 161.8 242.8



#68
o-Xylene
Concen: 2.471 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:106 Resp: 13886
Ion Ratio Lower Upper
106 100
91 204.4 108.1 324.2

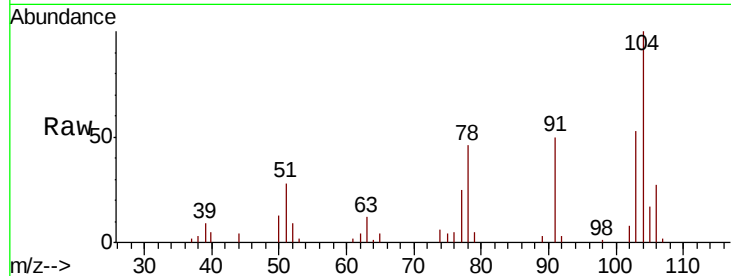




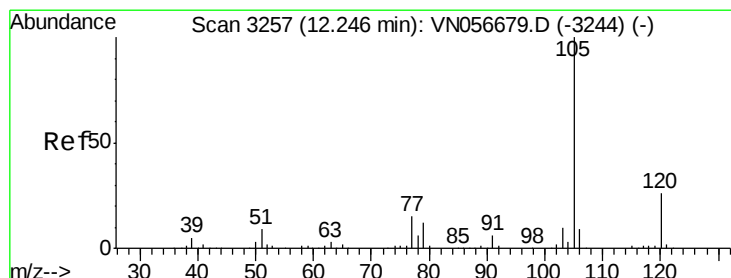
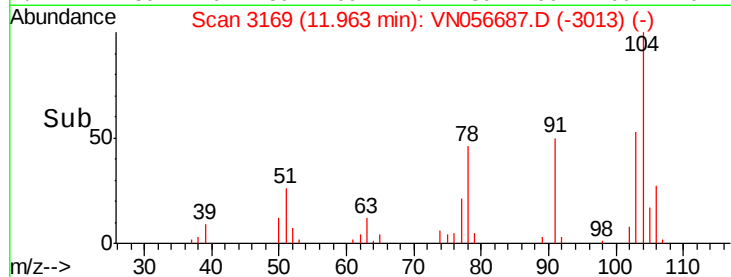
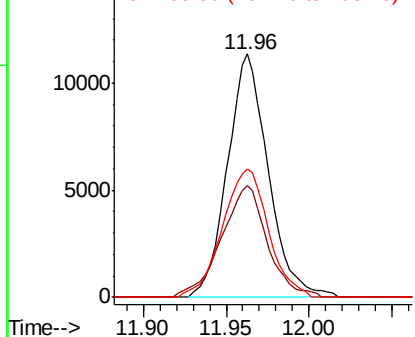
#69
Stvrene
Concen: 2.085 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:104 Resp: 19420
Ion Ratio Lower Upper
104 100
78 51.4 38.7 58.1
103 59.0 45.0 67.4

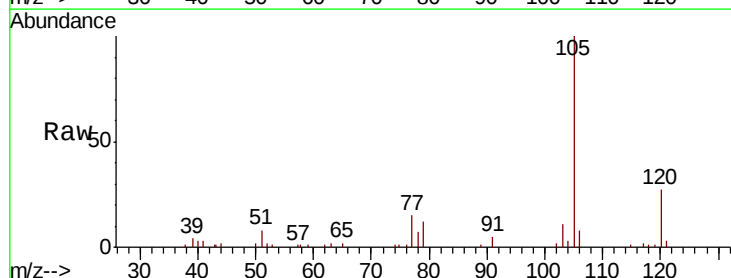


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

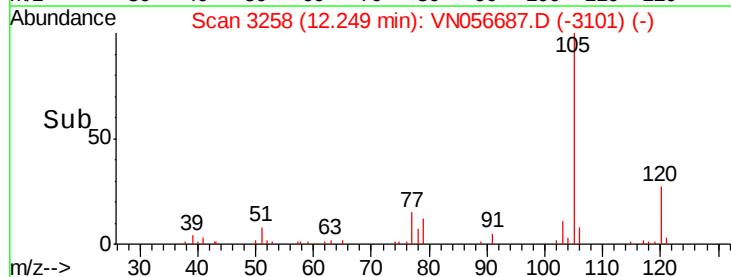
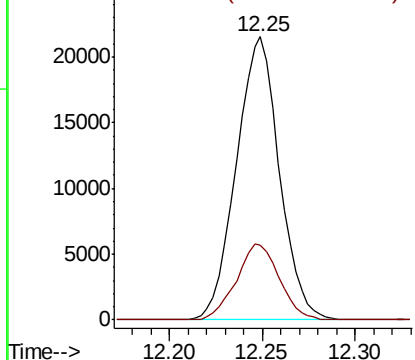


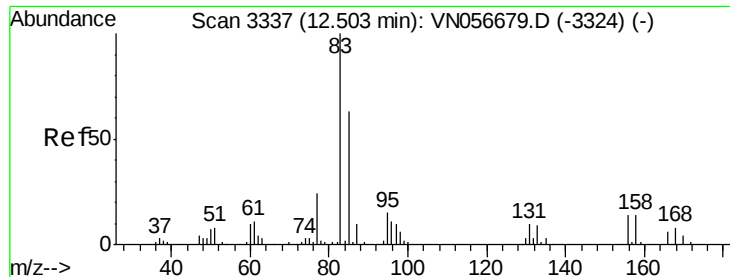
#70
Isopropylbenzene
Concen: 2.354 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:105 Resp: 34677
Ion Ratio Lower Upper
105 100
120 26.7 18.6 34.5



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

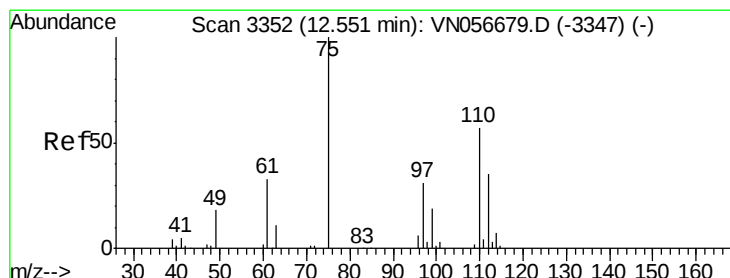
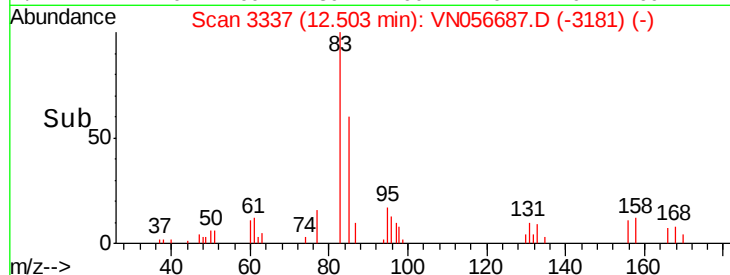
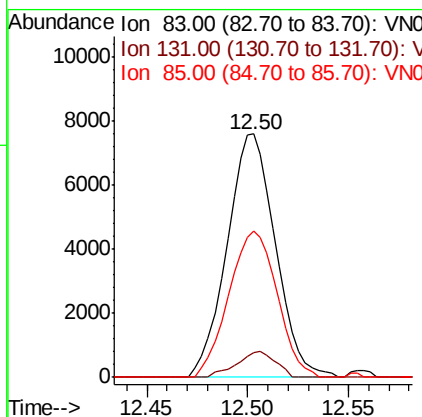
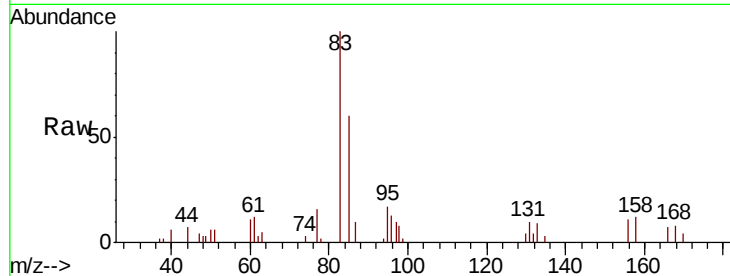




#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.662 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

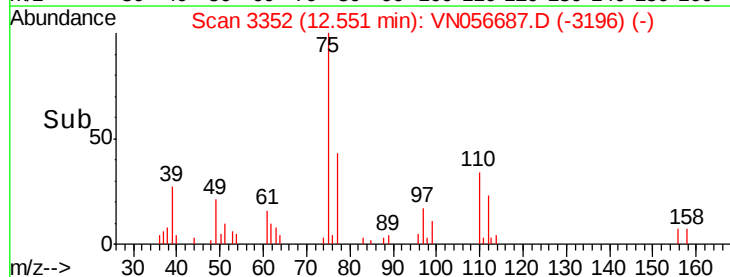
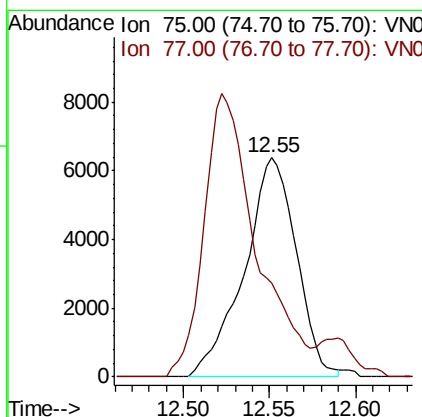
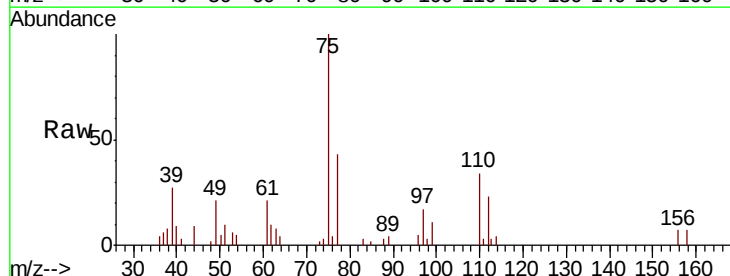
Instrument :
 MSVOA_N
 ClientSampleId :

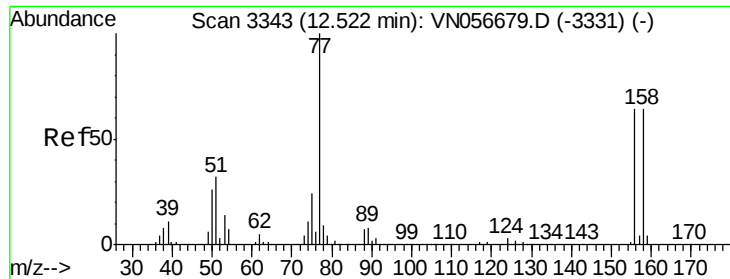
Tot Ion	83	Resp	12730
Ion Ratio	Lower	Upper	
83	100		
131	8.6	5.1	15.3
85	60.2	31.9	95.7



#72
 1,2,3-Trichloropropane
 Concen: 3.290 ug/l
 RT: 12.55 min Scan# 3352
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Tgt Ion	75	Resp	13446
Ion Ratio	Lower	Upper	
75	100		
77	130.3	0.0	352.2





#73

Bromobenzene

Concen: 2.258 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

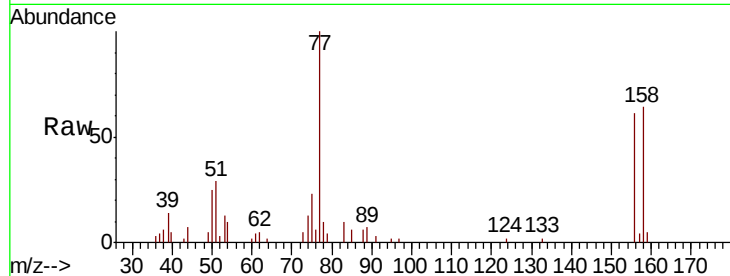
Tot Ion:156 Resp: 8692

Ion Ratio Lower Upper

156 100

77 201.5 0.0 381.8

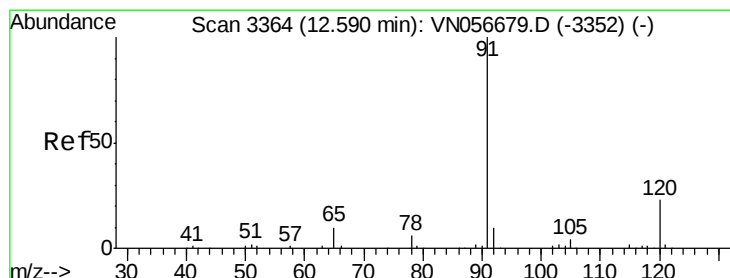
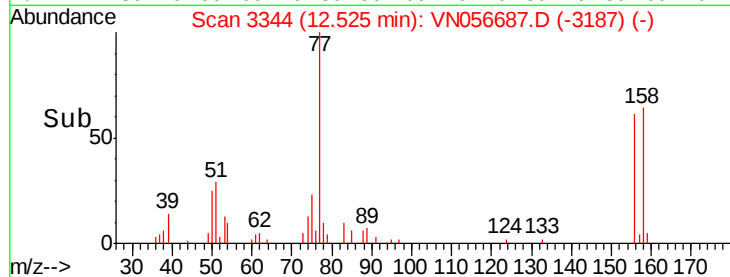
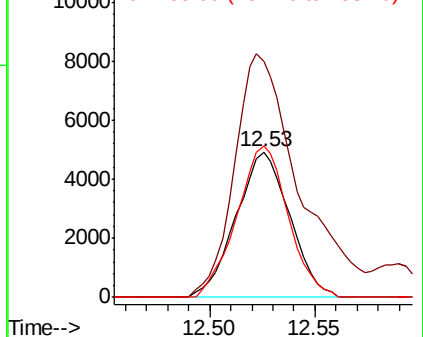
158 99.9 0.0 195.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 2.178 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056687.D

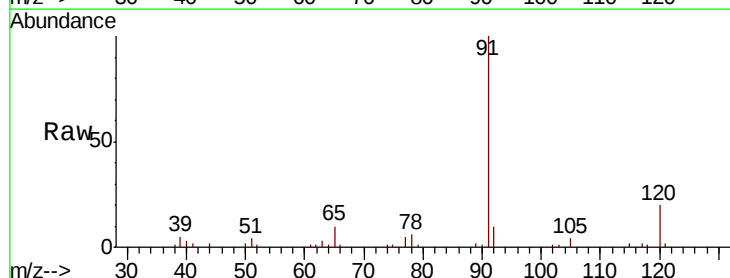
Acq: 12 Jul 2019 14:02

Tgt Ion: 91 Resp: 36201

Ion Ratio Lower Upper

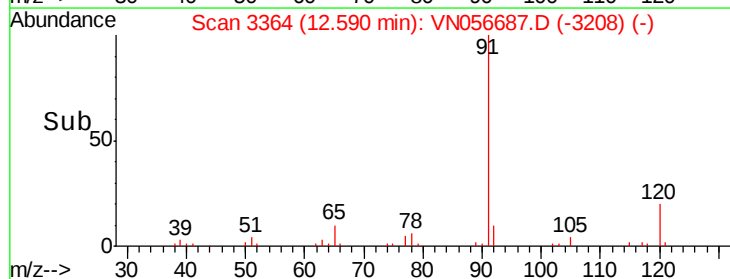
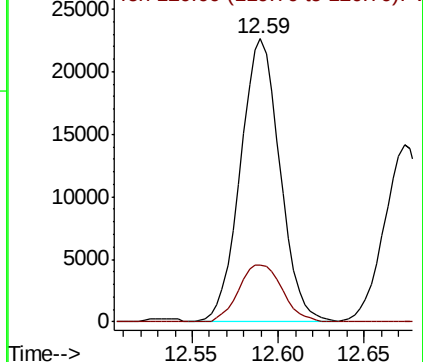
91 100

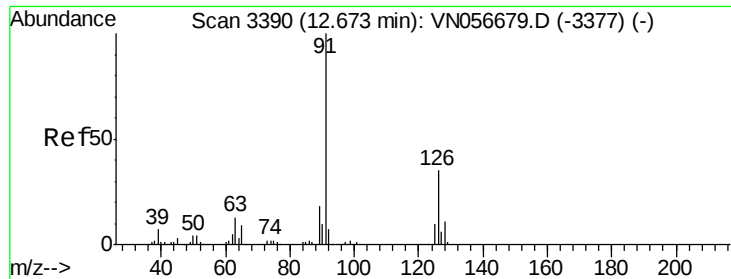
120 22.2 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 2.376 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

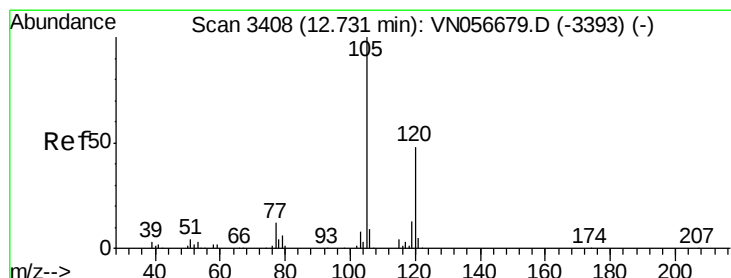
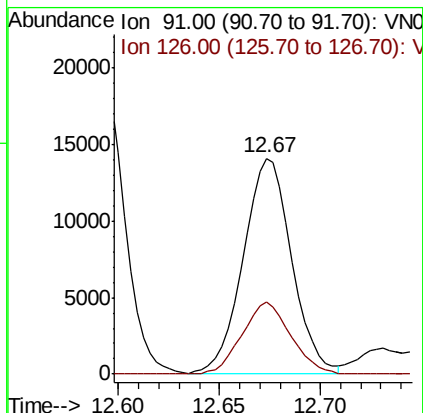
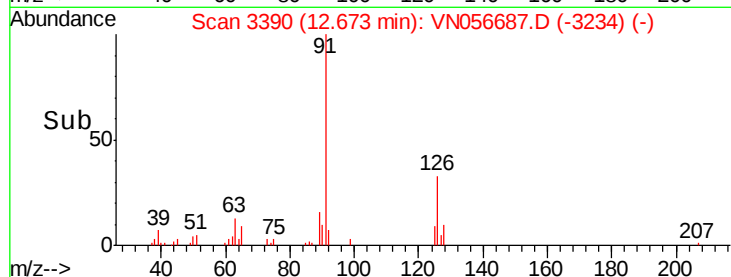
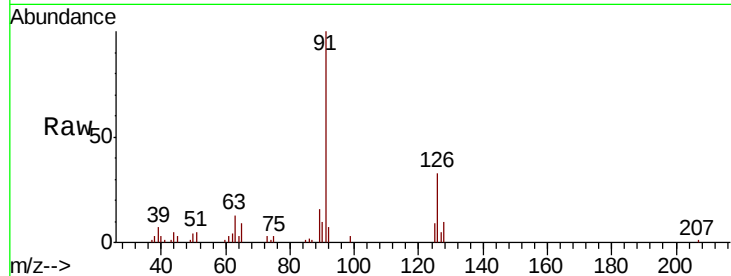
ClientSampleId :

Tot Ion: 91 Resp: 23785

Ion Ratio Lower Upper

91 100

126 33.3 0.0 69.8



#76

1,3,5-Trimethylbenzene

Concen: 2.212 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056687.D

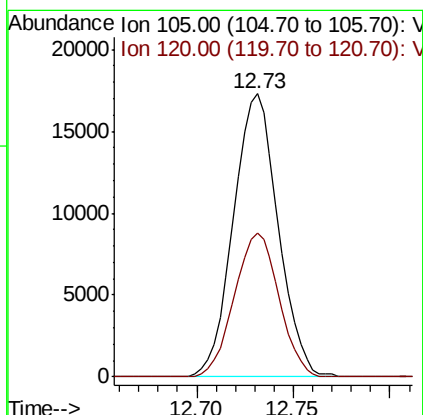
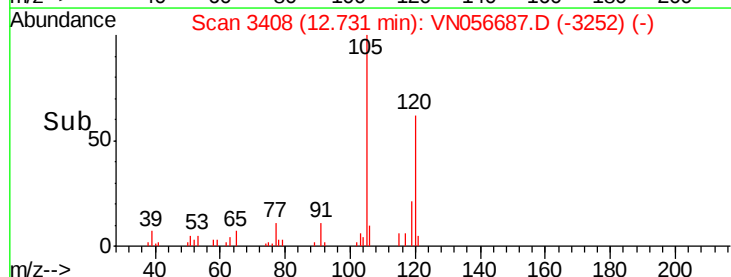
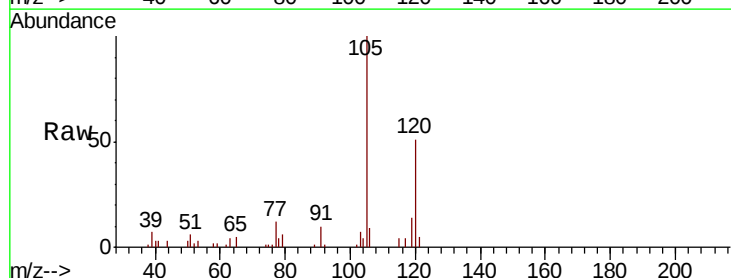
Acq: 12 Jul 2019 14:02

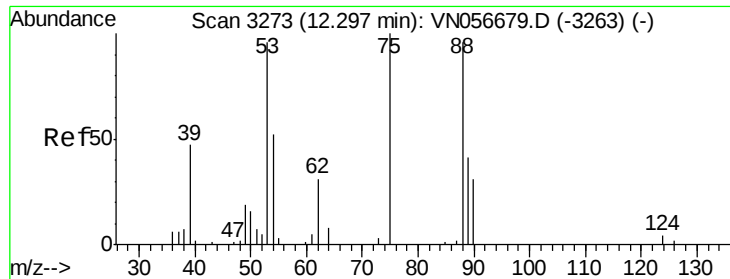
Tgt Ion: 105 Resp: 27797

Ion Ratio Lower Upper

105 100

120 50.6 0.0 97.6

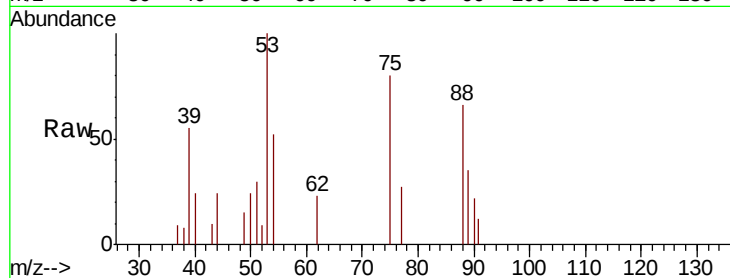




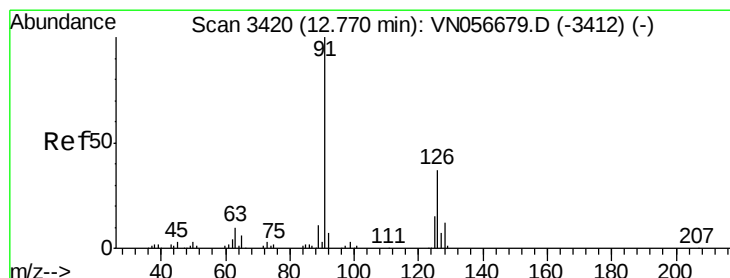
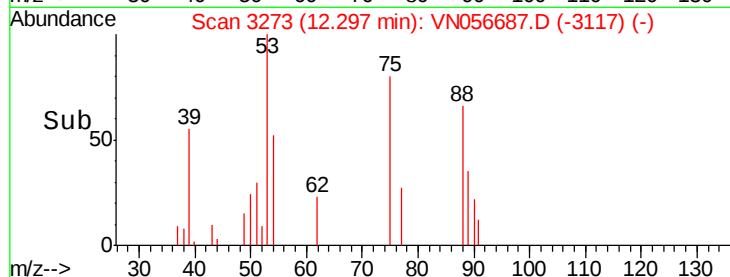
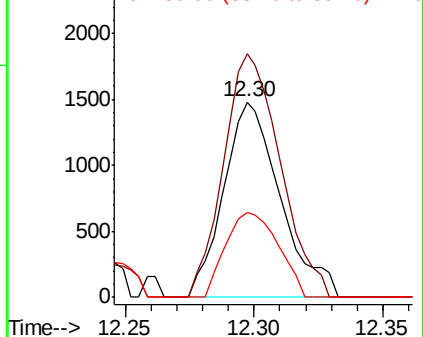
#77
t-1,4-Dichloro-2-butene
Concen: 1.672 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 2272
Ion Ratio Lower Upper
75 100
53 124.5 48.6 145.8
89 43.2 21.3 64.0

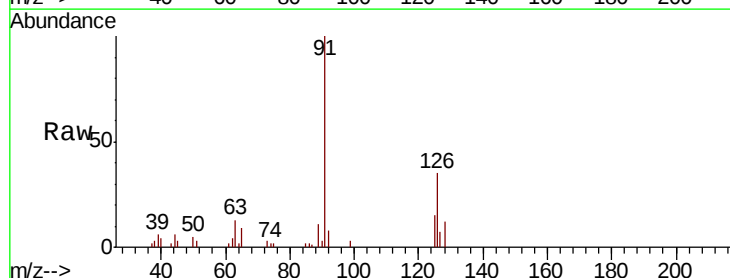


Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0

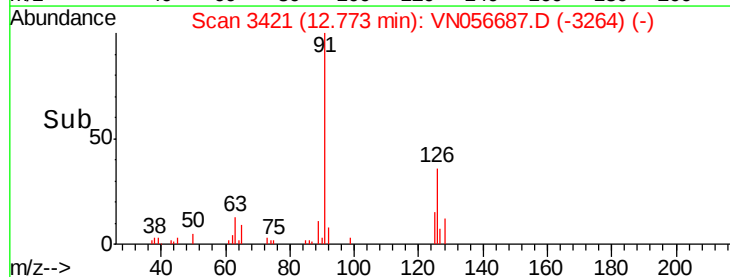
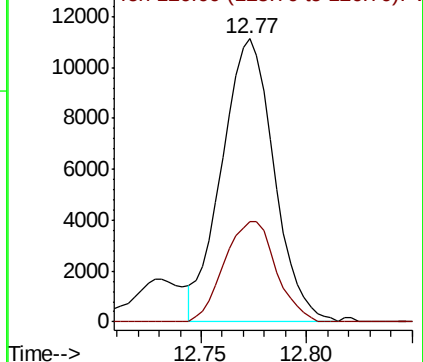


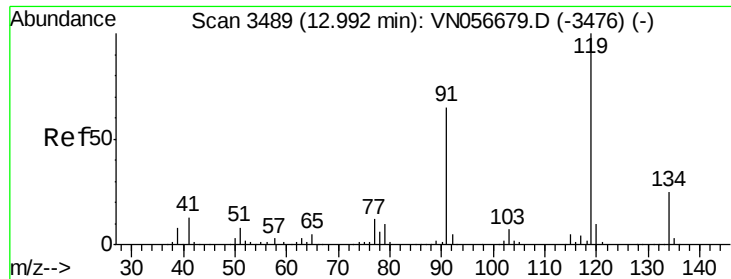
#78
4-Chlorotoluene
Concen: 1.975 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 91 Resp: 19175
Ion Ratio Lower Upper
91 100
126 34.9 0.0 69.4



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

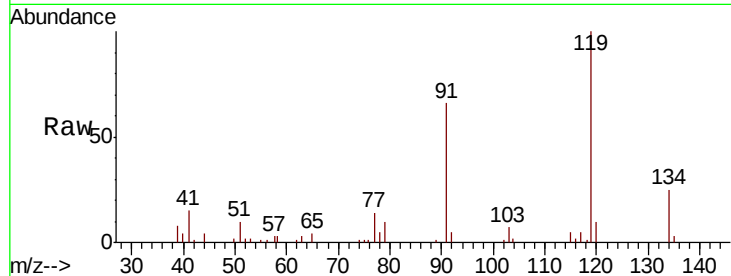




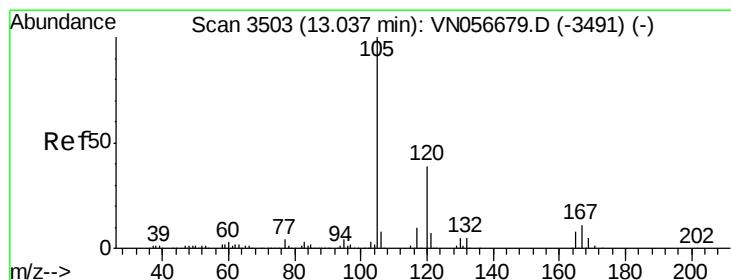
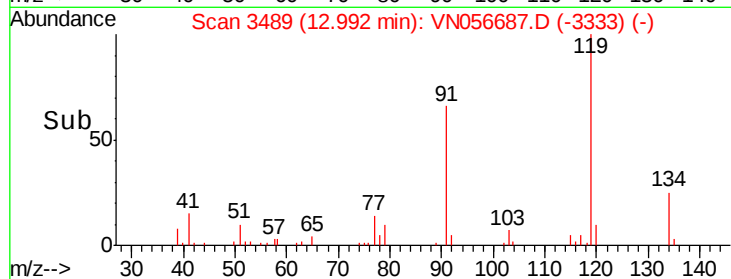
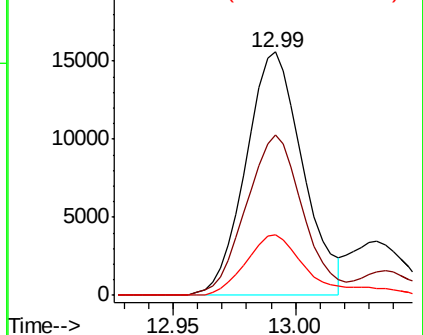
#79
tert-butylbenzene
Concen: 2.365 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 25276
Ion Ratio Lower Upper
119 100
91 65.8 0.0 125.4
134 25.0 0.0 48.4

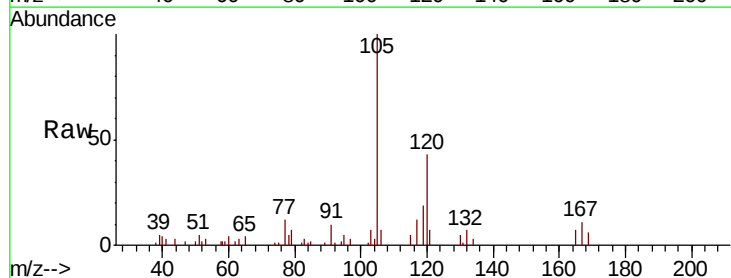


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

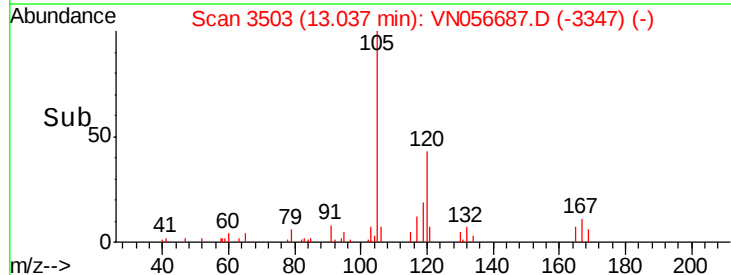
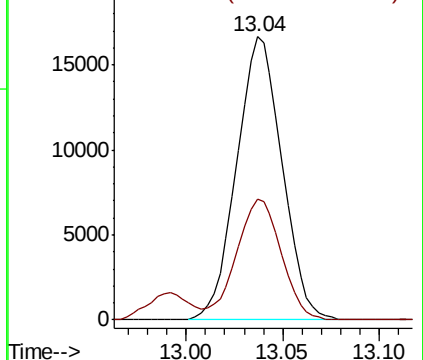


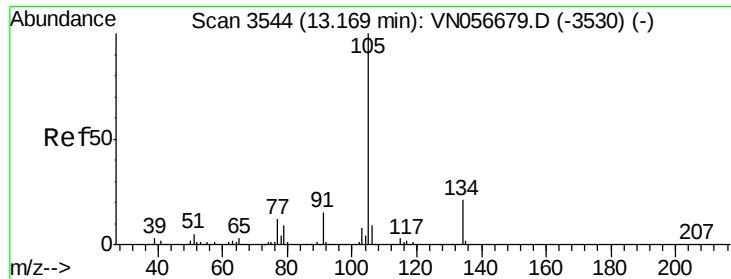
#80
1,2,4-Trimethylbenzene
Concen: 2.184 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion:105 Resp: 27221
Ion Ratio Lower Upper
105 100
120 42.1 0.0 91.2



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

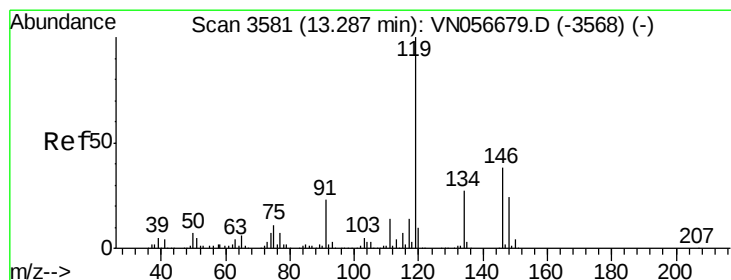
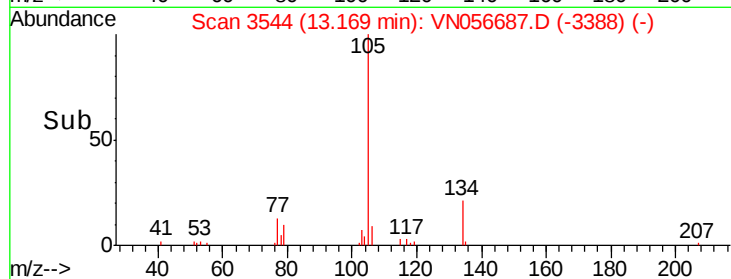
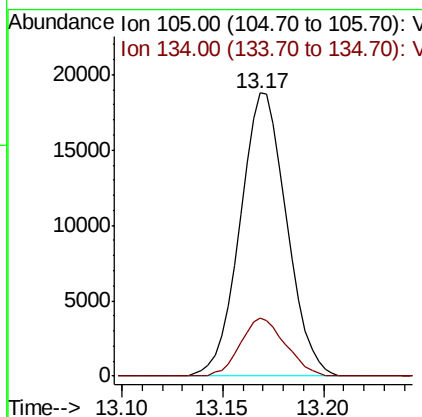
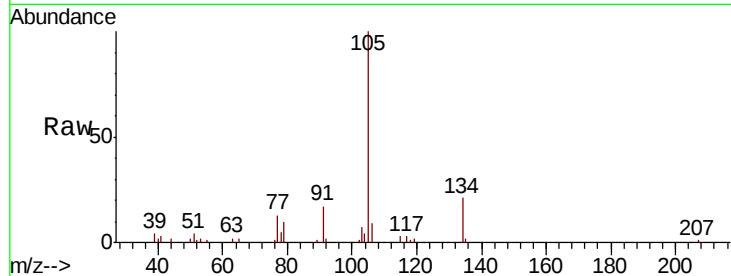




#81
 sec-Butylbenzene
 Concen: 2.146 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

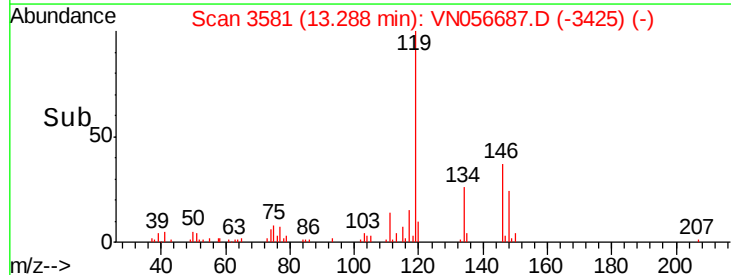
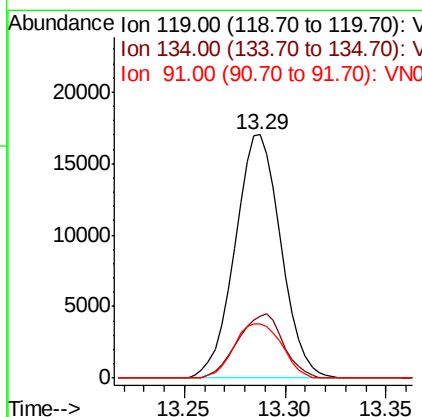
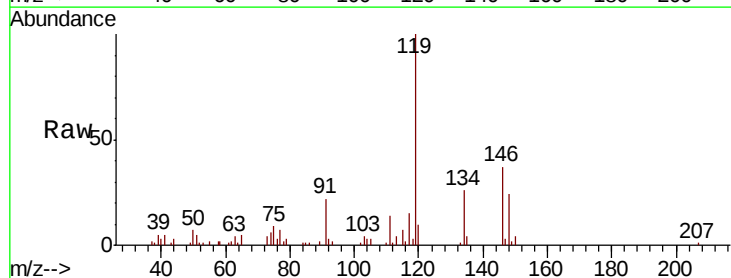
Instrument :
 MSVOA_N
 ClientSampleId :

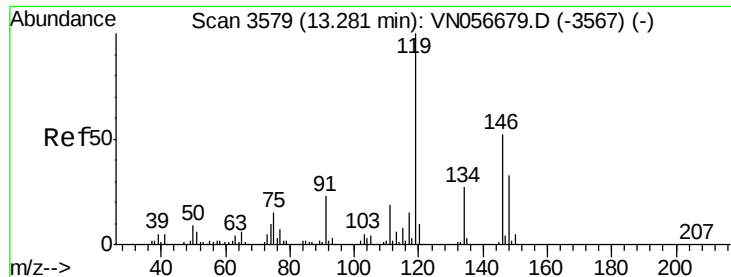
Tot Ion:105 Resp: 30359
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 2.112 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Tgt Ion:119 Resp: 27178
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.8
 91 23.3 0.0 45.4

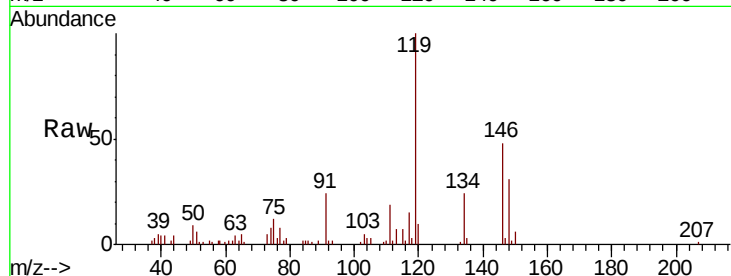




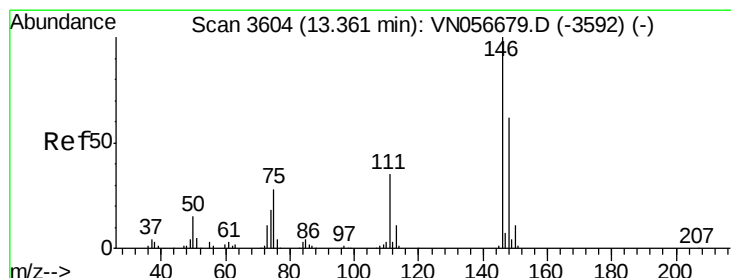
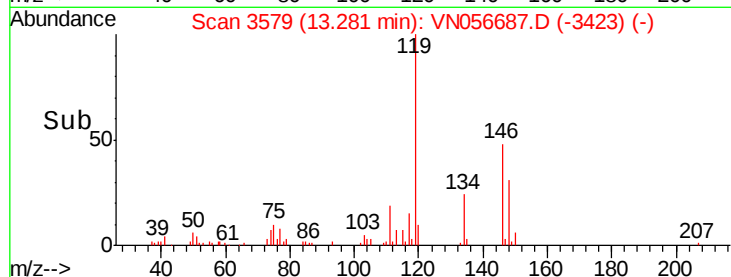
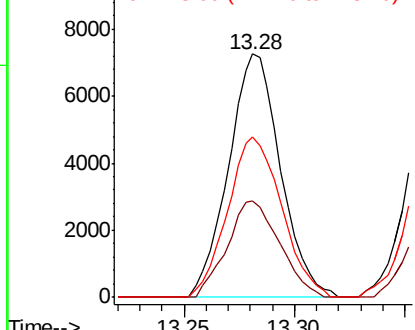
#83
 1,3-Dichlorobenzene
 Concen: 1.851 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 11875
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.7 56.1
 148 68.4 31.8 95.4

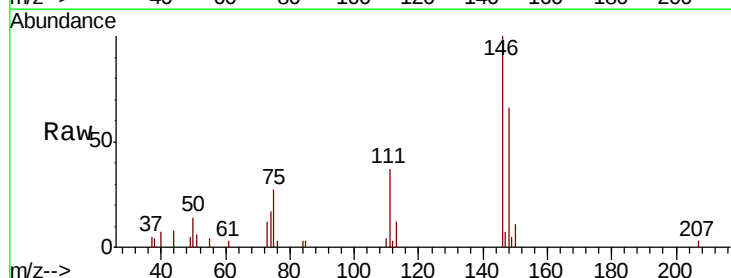


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

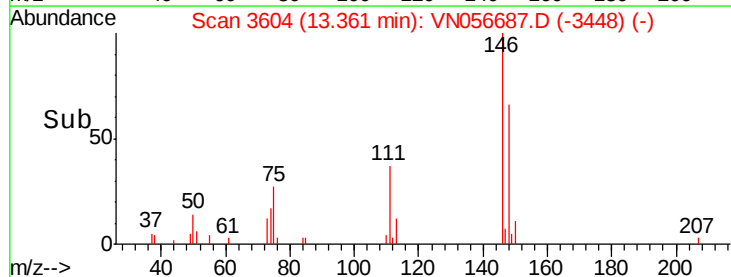
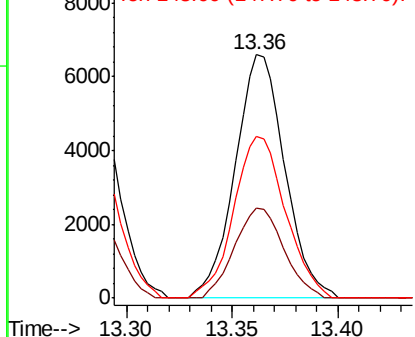


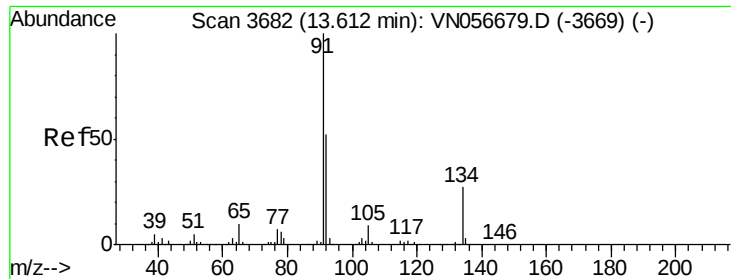
#84
 1,4-Dichlorobenzene
 Concen: 1.760 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Tgt Ion:146 Resp: 10827
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.8 53.4
 148 69.2 31.9 95.5



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

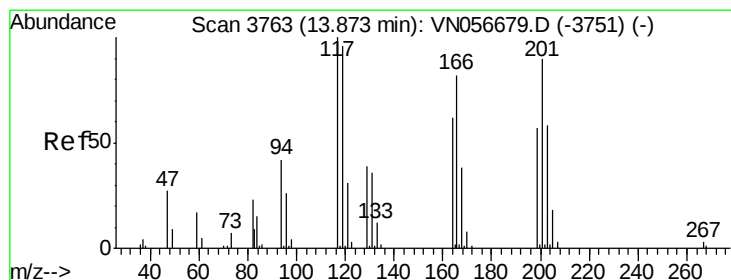
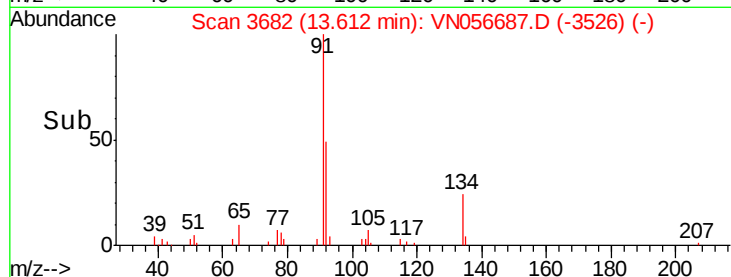
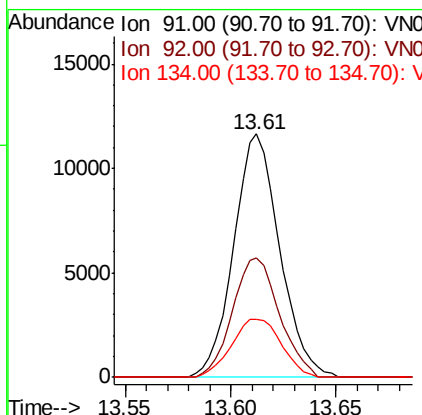
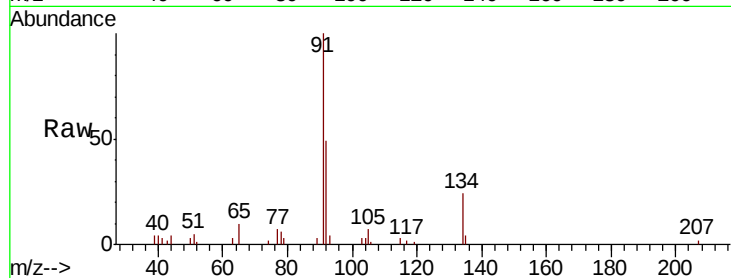




#85
n-Butylbenzene
Concen: 1.663 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

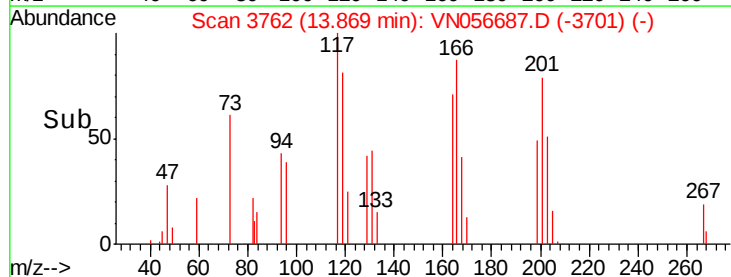
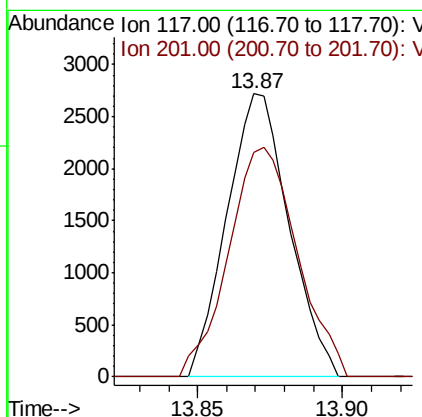
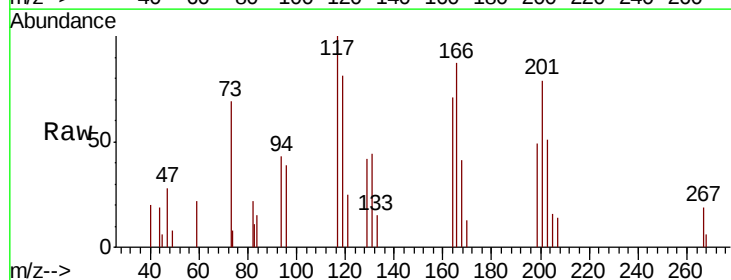
Instrument :
MSVOA_N
ClientSampled :

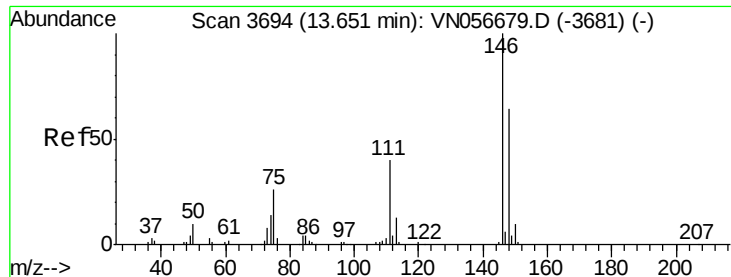
Tot Ion: 91 Resp: 17648
Ion Ratio Lower Upper
91 100
92 49.9 0.0 104.0
134 25.9 0.0 53.2



#86
Hexachloroethane
Concen: 2.005 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN056687.D
Acq: 12 Jul 2019 14:02

Tgt Ion: 117 Resp: 4047
Ion Ratio Lower Upper
117 100
201 89.5 45.6 136.7





#87

1,2-Dichlorobenzene

Concen: 2.100 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

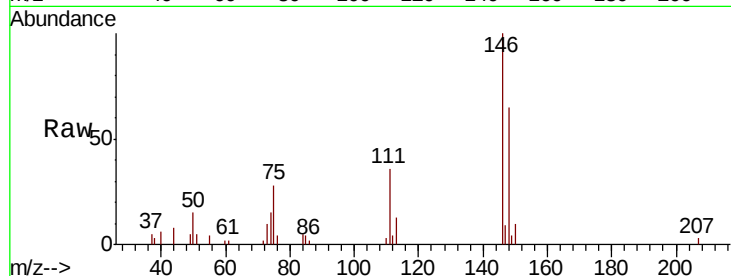
Tot Ion:146 Resp: 13539

Ion Ratio Lower Upper

146 100

111 38.2 19.7 59.0

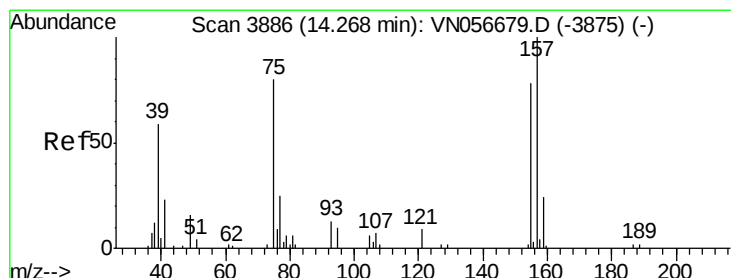
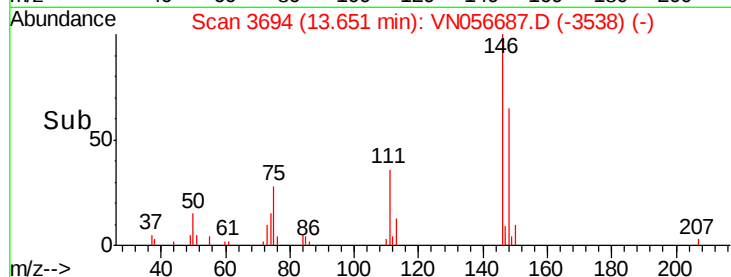
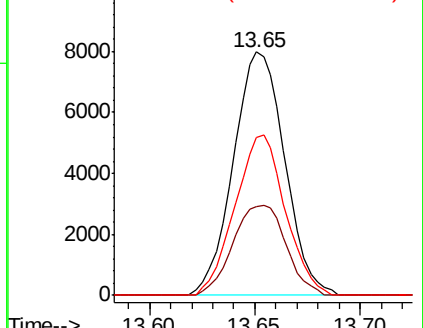
148 64.5 32.7 98.1



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: 2.096 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

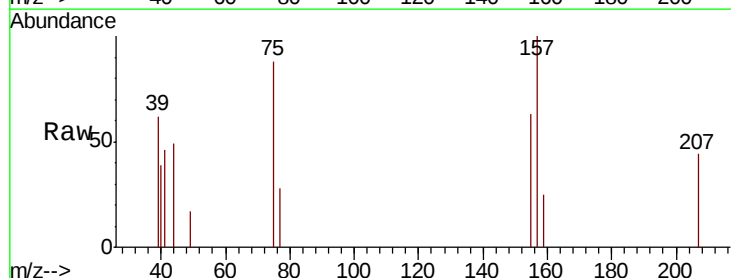
Tgt Ion: 75 Resp: 1729

Ion Ratio Lower Upper

75 100

155 85.2 78.6 117.8

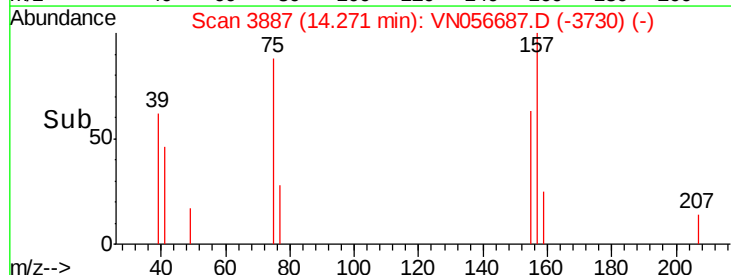
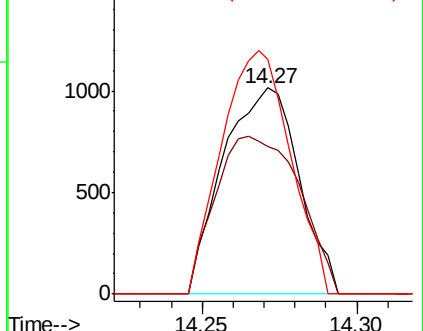
157 108.0 99.3 148.9

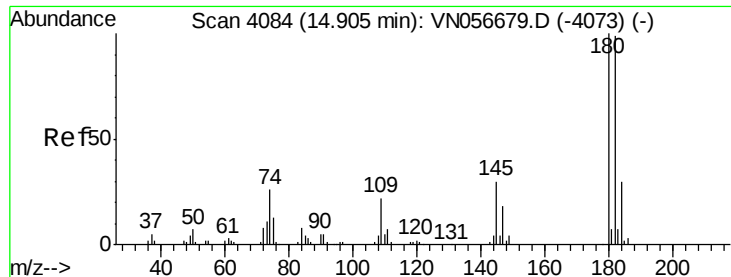


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

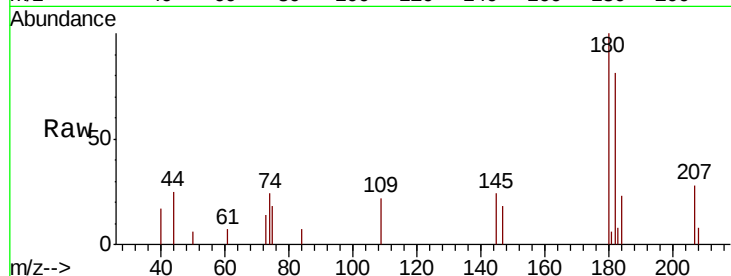




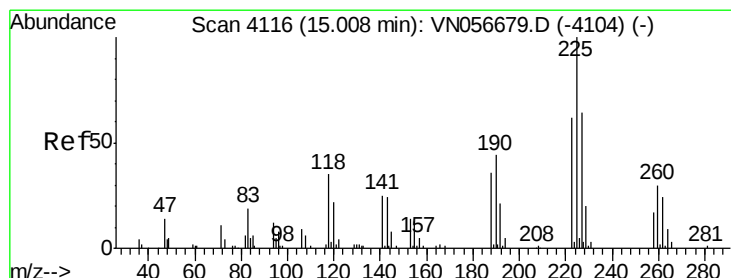
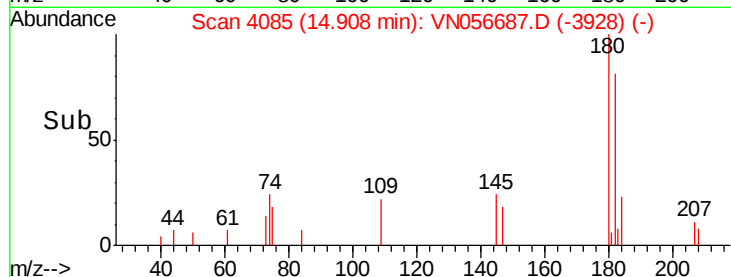
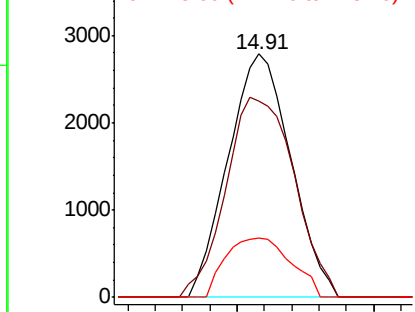
#89
 1,2,4-Trichlorobenzene
 Concen: 1.285 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 4455
 Ion Ratio Lower Upper
 180 100
 182 89.5 78.2 117.4
 145 25.4 23.2 34.8

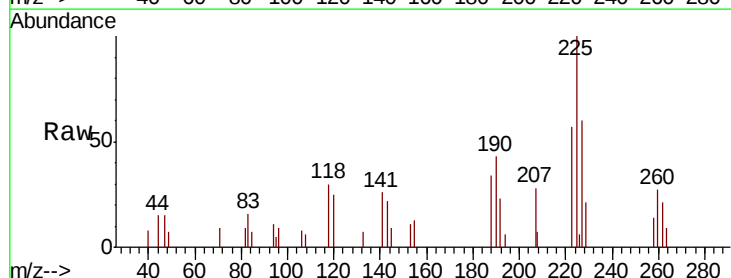


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

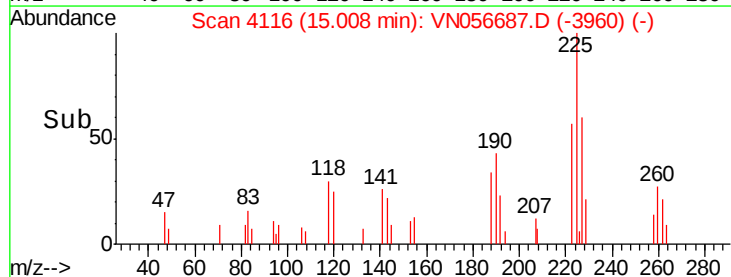
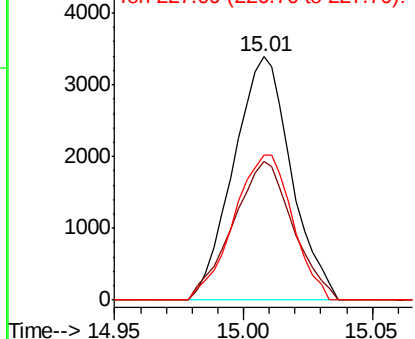


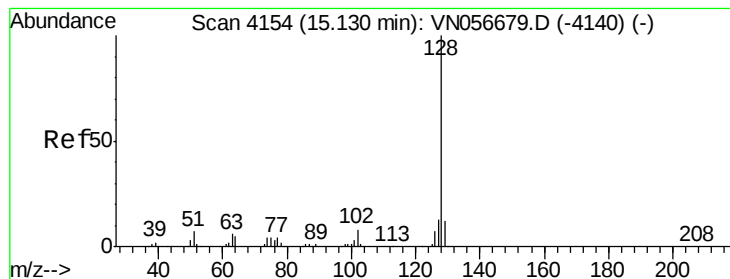
#90
 Hexachlorobutadiene
 Concen: 2.345 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056687.D
 Acq: 12 Jul 2019 14:02

Tgt Ion:225 Resp: 5287
 Ion Ratio Lower Upper
 225 100
 223 59.4 0.0 124.6
 227 60.7 0.0 128.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 1.149 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

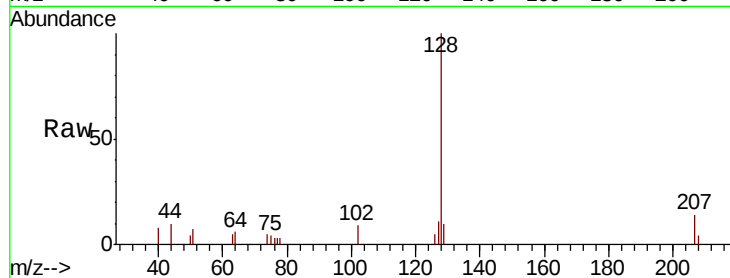
Tot Ion:128 Resp: 10722

Ion Ratio Lower Upper

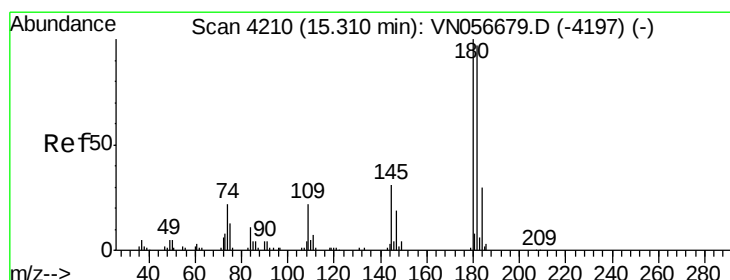
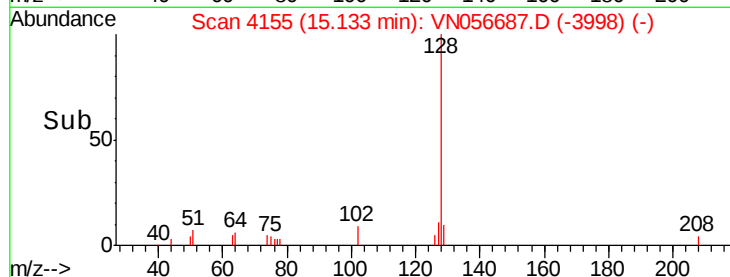
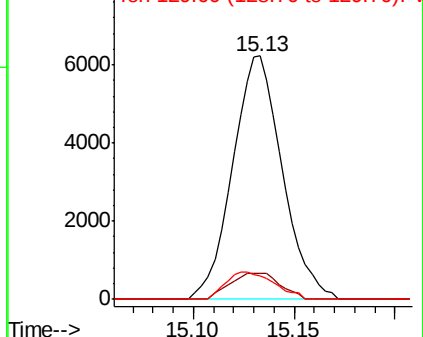
128 100

127 10.9 10.4 15.6

129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 1.532 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056687.D

Acq: 12 Jul 2019 14:02

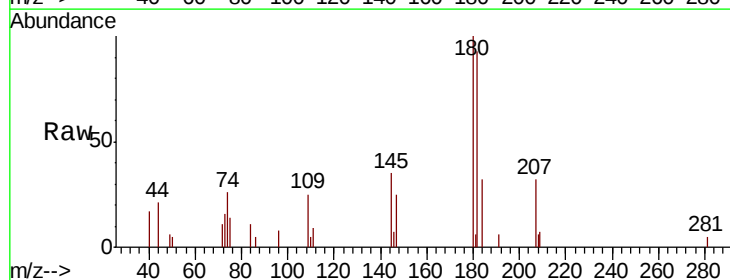
Tgt Ion:180 Resp: 5570

Ion Ratio Lower Upper

180 100

182 93.3 0.0 192.4

145 29.0 0.0 60.4



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

