

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056439.D
 Acq On : 21 Jun 2019 20:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jun 22 01:39:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	63512	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	339046	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	300448	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	127005	32.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.33%
60) 4-Bromofluorobenzene	12.40	95	132799	29.82	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.40%
63) Toluene-d8	10.09	98	415749	30.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	74998	20.995	ug/l 100
3) Chloromethane	2.06	50	88586	21.225	ug/l 100
4) Vinyl Chloride	2.18	62	86795	20.397	ug/l 100
5) Bromomethane	2.52	94	51751	19.351	ug/l 99
6) Chloroethane	2.68	64	50969	21.176	ug/l 93
7) Trichlorofluoromethane	3.00	101	110552	20.997	ug/l 99
8) Diethyl Ether	3.41	74	46335	20.750	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67512	20.773	ug/l 97
10) 1,1-Dichloroethene	3.73	96	67279	20.293	ug/l 97
11) Methyl Iodide	3.95	142	90322	17.268	ug/l 99
12) Methyl Acetate	4.33	43	93899	23.570	ug/l 97
13) Acrolein	3.61	56	18764	96.632	ug/l 98
14) Acrylonitrile	4.99	53	199280	112.167	ug/l 99
15) Acetone	3.82	58	58557	100.661	ug/l 94
16) Carbon Disulfide	4.05	76	141965	17.997	ug/l 100
17) Allyl chloride	4.32	41	110563	21.524	ug/l 100
18) Methylene Chloride	4.55	84	80441	20.959	ug/l 93
19) trans-1,2-Dichloroethene	5.04	96	71119	20.097	ug/l 97
20) Diisopropyl ether	5.95	45	234469	22.031	ug/l 98
21) 1,1-Dichloroethane	5.85	63	135742	21.947	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	85004	20.580	ug/l 96
23) tert-Butyl Alcohol	4.80	59	71056	102.751	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	223944	21.195	ug/l 100
25) Chloroform	7.37	83	131529	21.297	ug/l 100
26) Cyclohexane	7.65	56	120437	20.989	ug/l # 99
29) 1,1-Dichloropropene	7.79	75	97802	21.325	ug/l 98
30) 2-Butanone	6.84	43	268291	111.122	ug/l 98
31) 2,2-Dichloropropane	6.82	77	84278	19.754	ug/l 97
32) 1,1,1-Trichloroethane	7.57	97	106338	20.986	ug/l 99
33) Carbon Tetrachloride	7.77	117	85314	19.873	ug/l 99
34) Benzene	8.04	78	308154	21.088	ug/l 98
35) Methacrylonitrile	7.17	41	40838	20.030	ug/l 98
36) 1,2-Dichloroethane	8.12	62	103155	22.537	ug/l 98
37) Trichloroethene	8.84	130	84074	20.561	ug/l 96
38) Methylcyclohexane	9.08	83	118680	20.412	ug/l 100
39) 1,2-Dichloropropane	9.12	63	83579	22.333	ug/l 96
40) Dibromomethane	9.21	93	53453	21.541	ug/l 95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056439.D
 Acq On : 21 Jun 2019 20:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

Quant Time: Jun 22 01:39:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	91609	20.617	ug/l	99
42) Vinyl Acetate	5.90	43	946198	109.925	ug/l	99
43) Ethyl Acetate	6.93	43	103728	22.448	ug/l	100
44) Isopropyl Acetate	8.17	43	159685	22.257	ug/l	100
45) 1,4-Dioxane	9.20	88	34019	443.257	ug/l	97
46) Methyl methacrylate	9.20	41	76594	21.490	ug/l	96
47) n-amyl Acetate	12.07	43	126870	21.383	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	92326	19.744	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	113081	20.652	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	76349	20.715	ug/l	93
51) Ethyl methacrylate	10.43	69	115295	20.677	ug/l	98
52) 1,3-Dichloropropane	10.71	76	131372	21.986	ug/l	99
53) Dibromochloromethane	10.90	129	69322	19.214	ug/l	100
54) 1,2-Dibromoethane	11.01	107	81390	21.162	ug/l	97
55) 2-Chloroethyl vinyl ether	9.70	63	185493	94.974	ug/l	98
56) Bromoform	12.13	173	46587	17.849	ug/l	97
58) 4-Methyl-2-Pentanone	9.99	43	508767	111.828	ug/l	98
59) 2-Hexanone	10.75	43	365827	112.501	ug/l	99
61) Tetrachloroethene	10.63	164	82514	19.705	ug/l	96
62) Toluene	10.16	91	330958	20.405	ug/l	99
64) Chlorobenzene	11.43	112	203223	20.657	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	70642	19.913	ug/l	100
66) Ethyl Benzene	11.51	91	354428	20.517	ug/l	99
67) m/p-Xylenes	11.62	106	264980	40.074	ug/l	96
68) o-Xylene	11.95	106	133200	20.576	ug/l	98
69) Styrene	11.96	104	208253	19.801	ug/l	98
70) Isopropylbenzene	12.25	105	346827	20.506	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	109182	21.411	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	123689	28.019	ug/l	69
73) Bromobenzene	12.53	156	88696	19.757	ug/l	96
74) n-propylbenzene	12.59	91	361653	20.262	ug/l	98
75) 2-Chlorotoluene	12.67	91	230327	20.805	ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	279913	20.120	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	22272	17.682	ug/l	94
78) 4-Chlorotoluene	12.77	91	205153	19.842	ug/l	98
79) tert-butylbenzene	12.99	119	257492	20.891	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	262364	19.386	ug/l	99
81) sec-Butylbenzene	13.17	105	318533	20.429	ug/l	99
82) p-Isopropyltoluene	13.29	119	269680	19.129	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	129310	18.483	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	119631	17.951	ug/l	99
85) n-Butylbenzene	13.61	91	183464	17.437	ug/l	98
86) Hexachloroethane	13.87	117	41380	18.828	ug/l	94
87) 1,2-Dichlorobenzene	13.65	146	132112	18.577	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	13869	17.326	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	47180	18.013	ug/l	99
90) Hexachlorobutadiene	15.01	225	48772	18.787	ug/l	99
91) Naphthalene	15.13	128	142105	15.046	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	56783	15.254	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
Data File : VN056439.D
Acq On : 21 Jun 2019 20:20
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Jun 22 01:39:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 04:02:53 2019
Response via : Initial Calibration

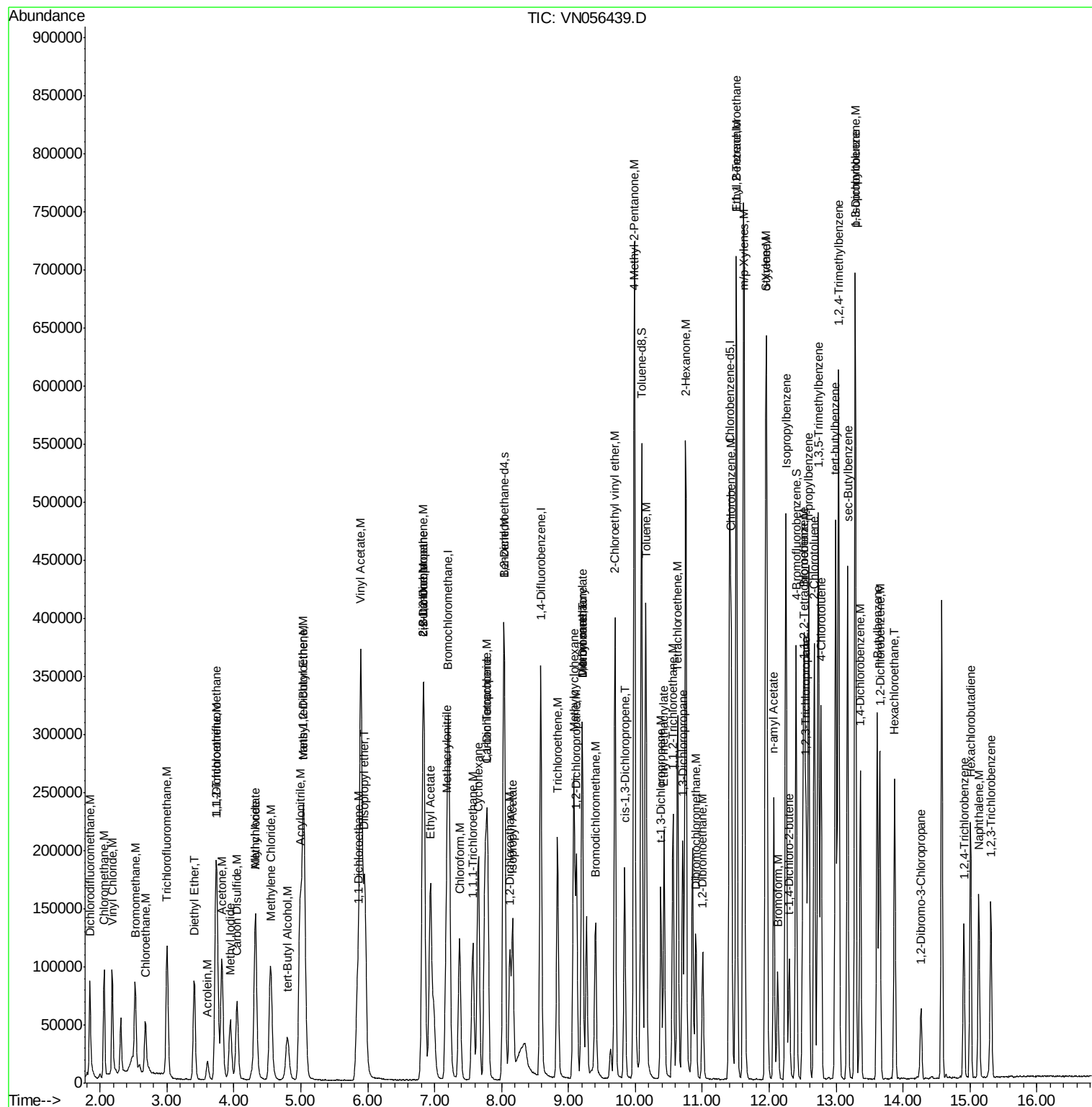
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

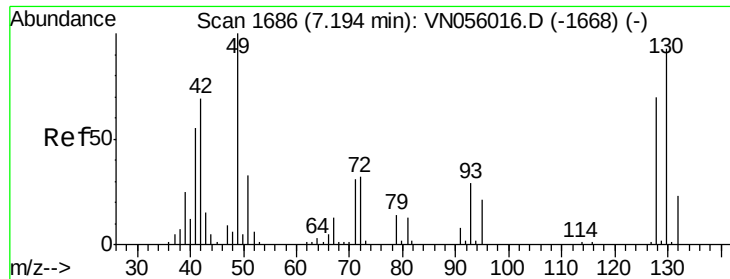
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
Data File : VN056439.D
Acq On : 21 Jun 2019 20:20
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Jun 22 01:39:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 04:02:53 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

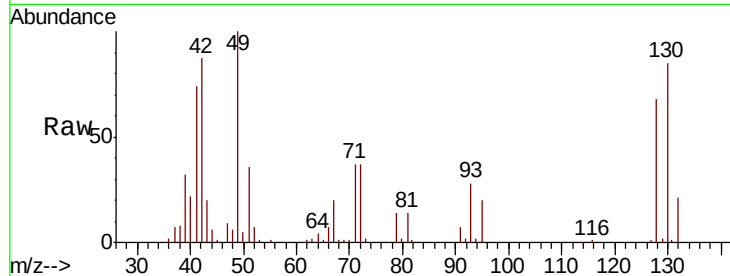
Tot Ion:128 Resp: 63512

Ion Ratio Lower Upper

128 100

49 152.0 0.0 355.8

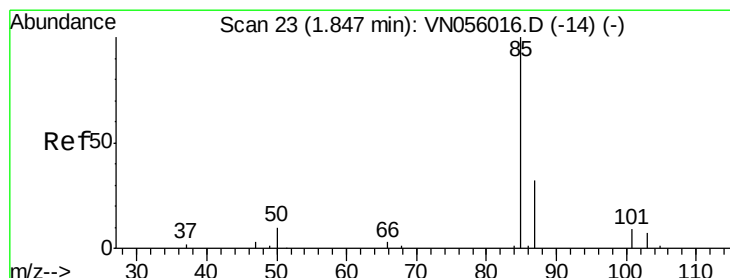
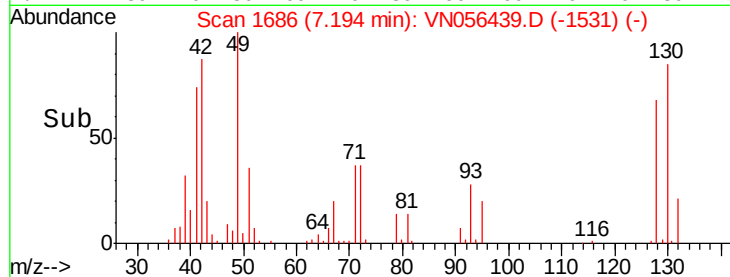
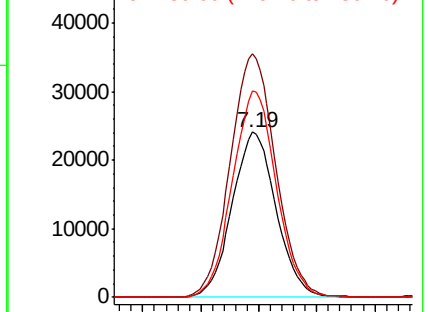
130 125.3 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.995 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056439.D

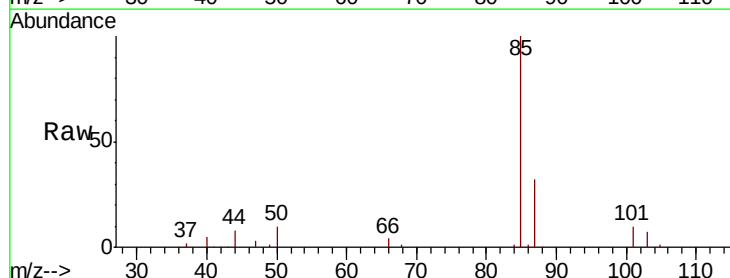
Acq: 21 Jun 2019 20:20

Tgt Ion: 85 Resp: 74998

Ion Ratio Lower Upper

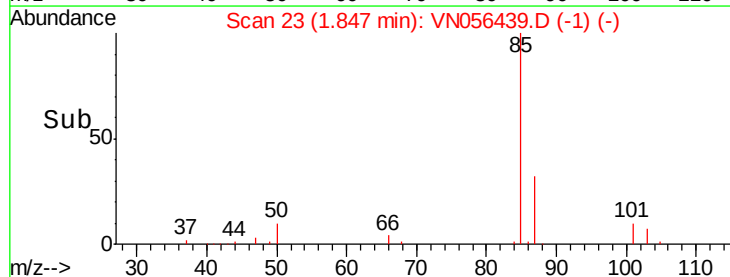
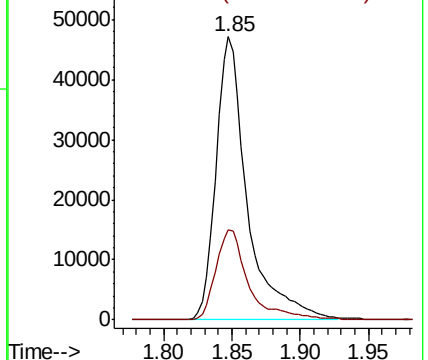
85 100

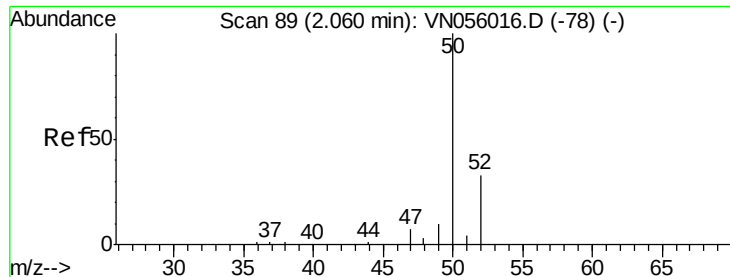
87 31.7 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 21.225 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

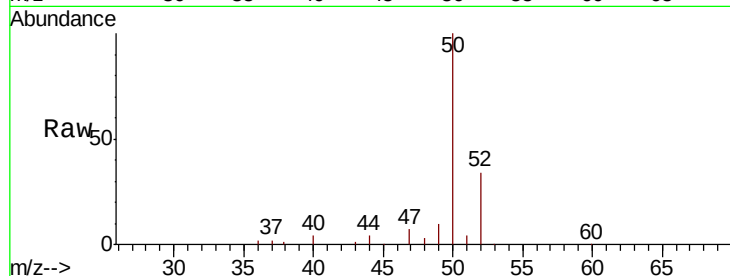
VSTDCCC020EC

Tot Ion: 50 Resp: 88586

Ion Ratio Lower Upper

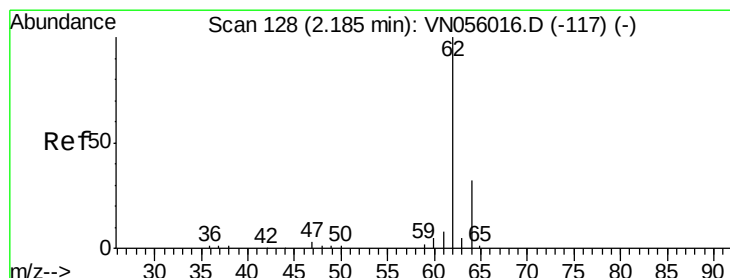
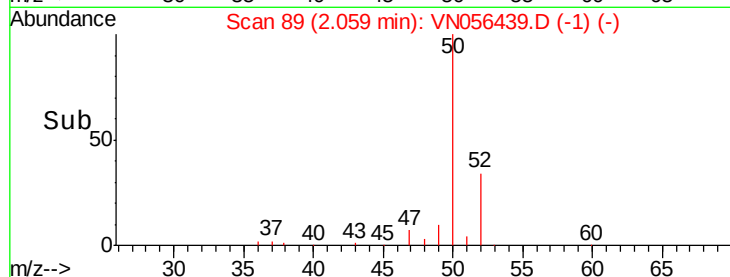
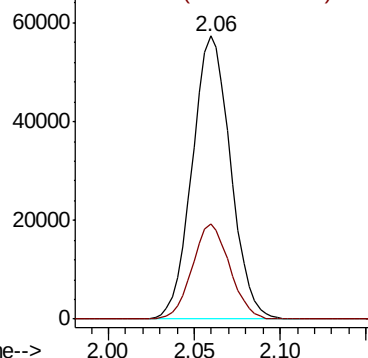
50 100

52 33.5 26.7 40.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.397 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056439.D

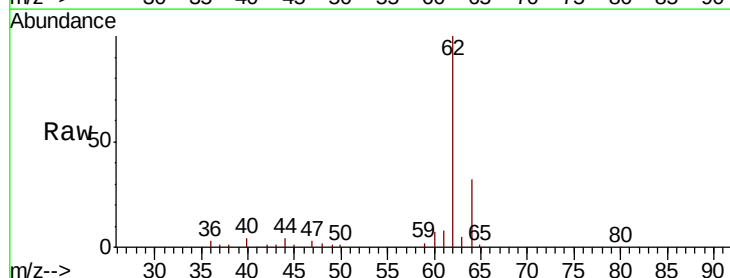
Acq: 21 Jun 2019 20:20

Tgt Ion: 62 Resp: 86795

Ion Ratio Lower Upper

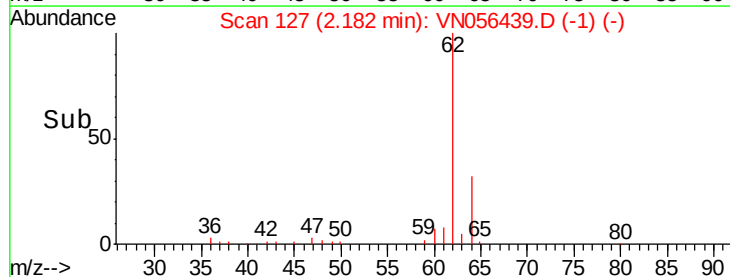
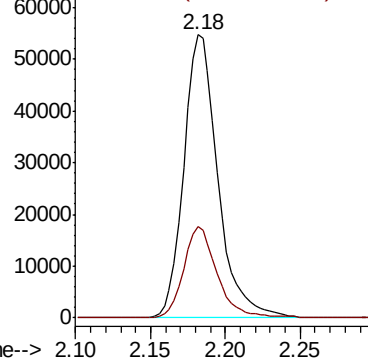
62 100

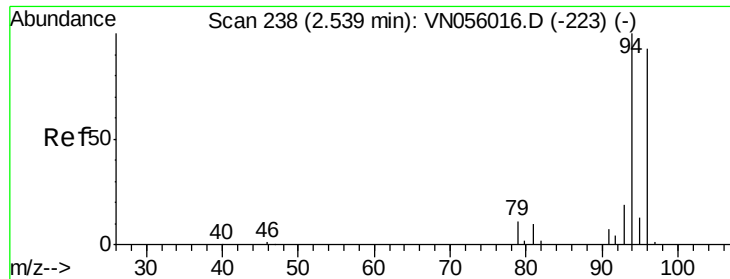
64 32.3 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

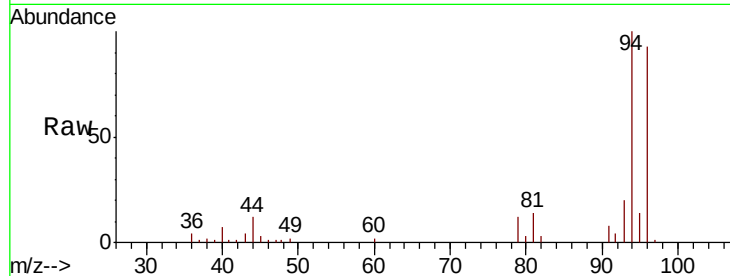




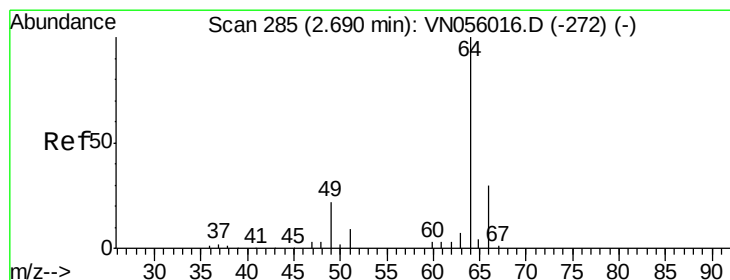
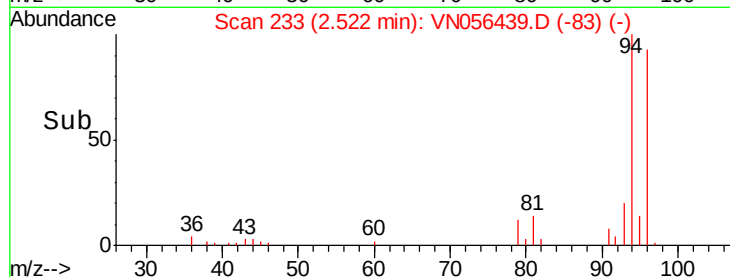
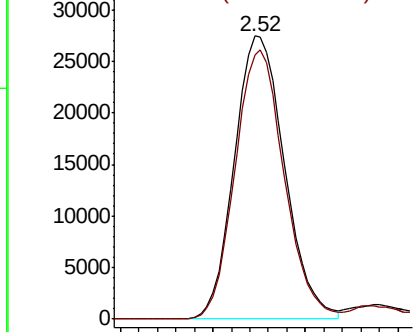
#5
Bromomethane
Concen: 19.351 ug/l
RT: 2.52 min Scan# 233
Delta R.T. -0.02 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 94 Resp: 51751
Ion Ratio Lower Upper
94 100
96 93.4 74.1 111.1

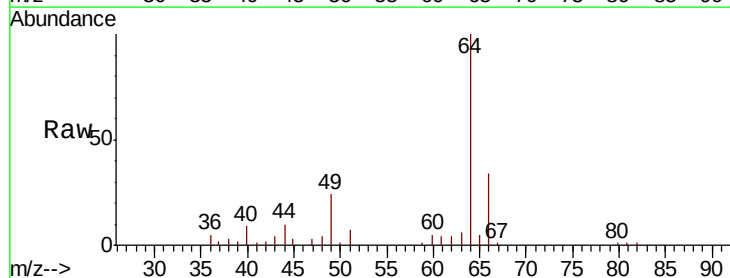


Abundance Ion 94.00 (93.70 to 94.70): VN0
Ion 96.00 (95.70 to 96.70): VN0

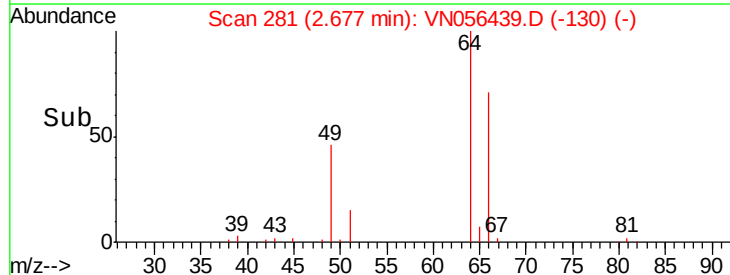
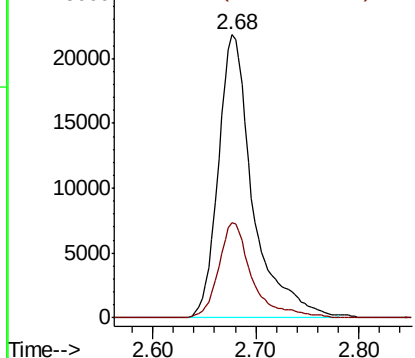


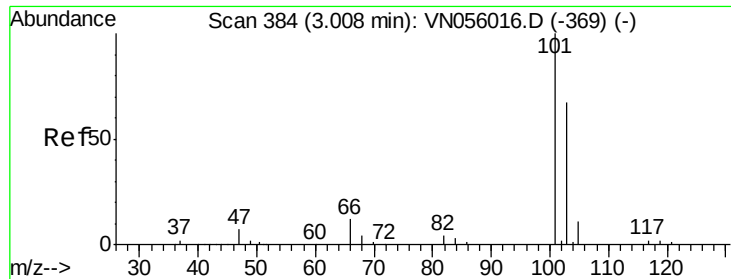
#6
Chloroethane
Concen: 21.176 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.01 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion: 64 Resp: 50969
Ion Ratio Lower Upper
64 100
66 33.6 23.7 35.5



Abundance Ion 64.00 (63.70 to 64.70): VN0
Ion 66.00 (65.70 to 66.70): VN0



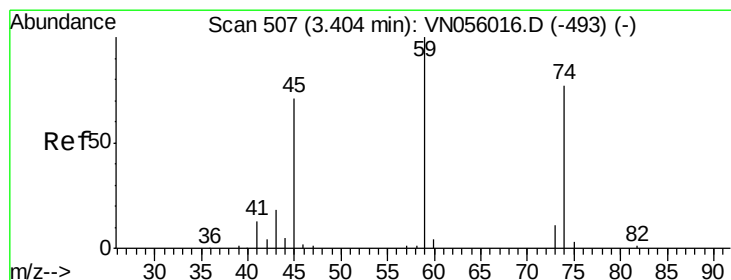
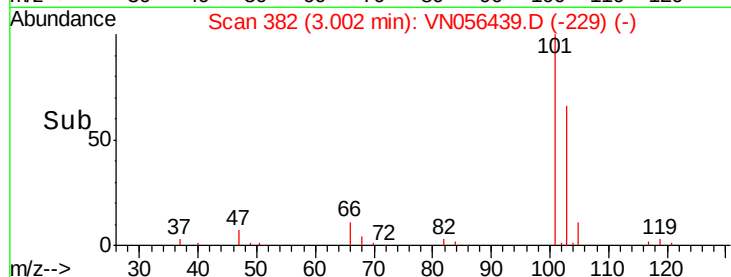
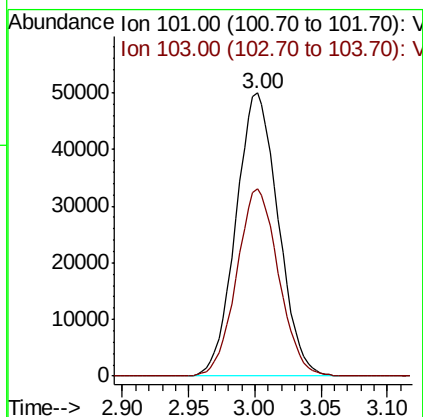
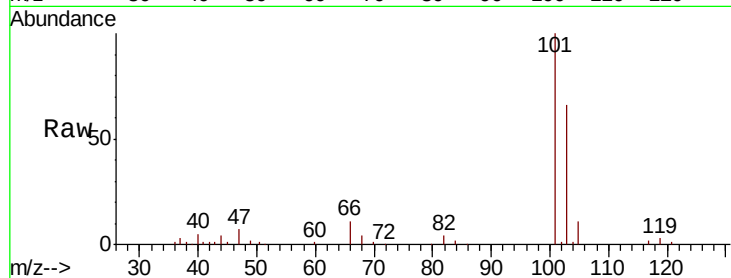


#7

Trichlorofluoromethane
Concen: 20.997 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

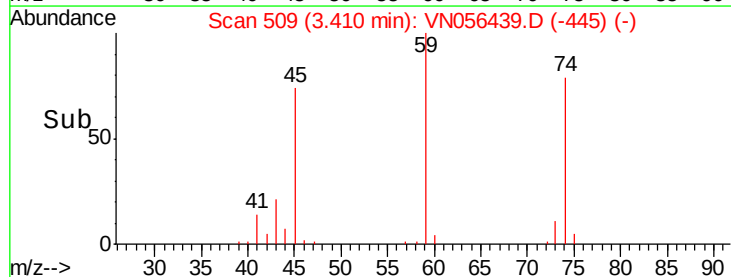
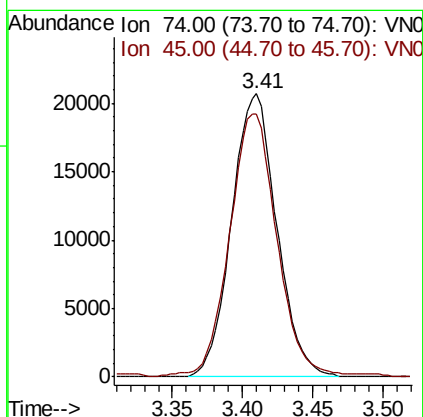
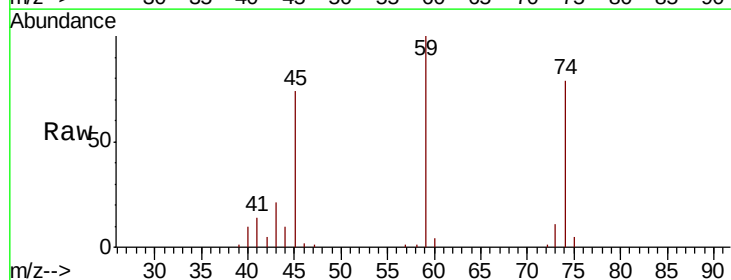
Tot Ion:101 Resp: 110552
Ion Ratio Lower Upper
101 100
103 66.1 53.4 80.0

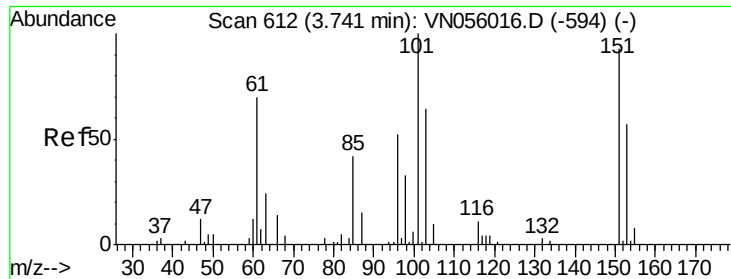


#8

Diethyl Ether
Concen: 20.750 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.01 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion: 74 Resp: 46335
Ion Ratio Lower Upper
74 100
45 95.2 18.8 169.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.773 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

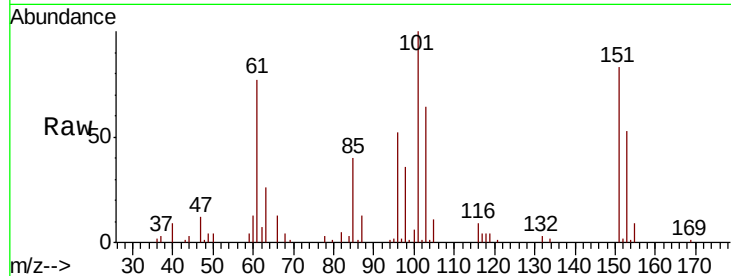
Tot Ion:101 Resp: 67512

Ion Ratio Lower Upper

101 100

85 41.3 0.0 82.0

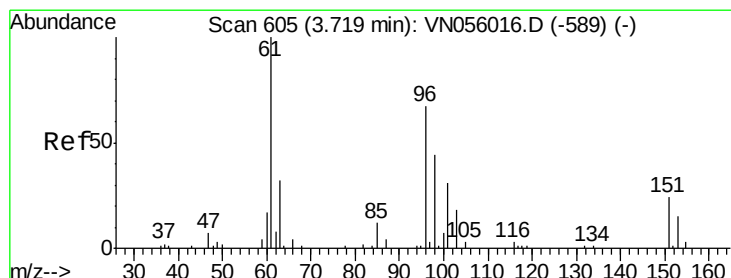
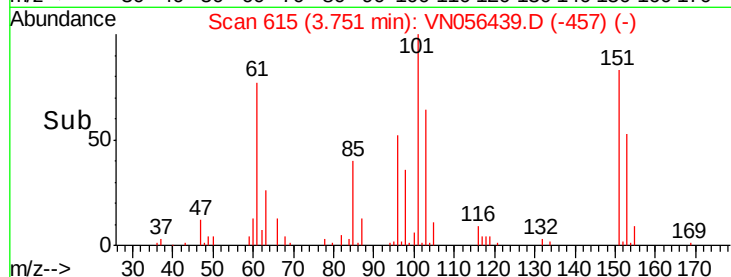
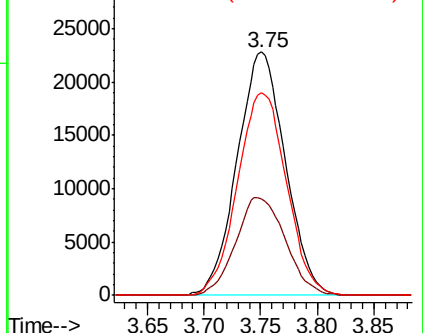
151 84.7 0.0 177.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.293 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.01 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

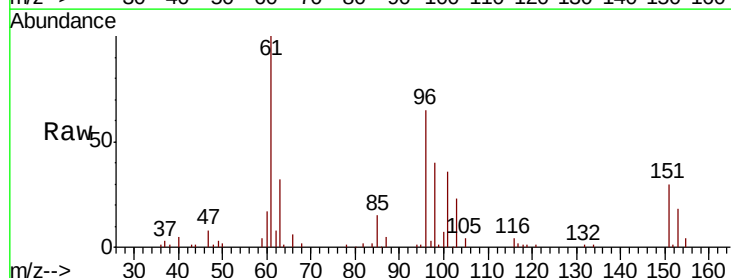
Tgt Ion: 96 Resp: 67279

Ion Ratio Lower Upper

96 100

61 152.9 119.7 179.5

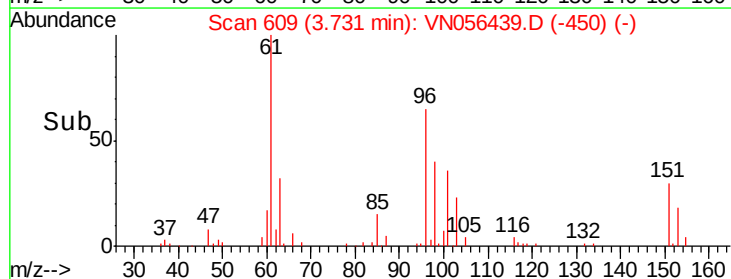
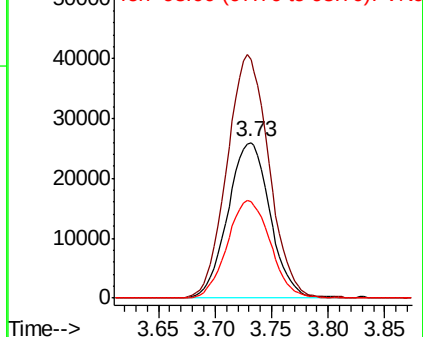
98 61.7 52.3 78.5

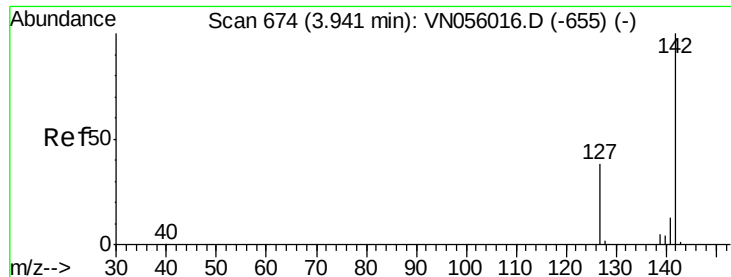


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

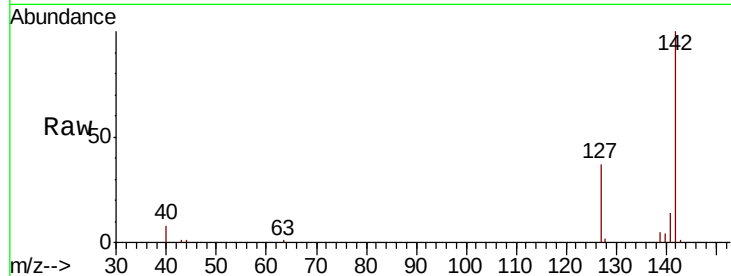




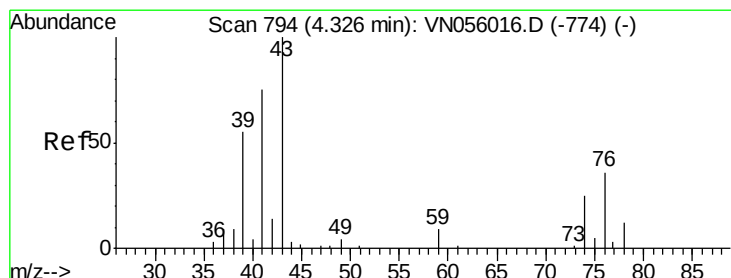
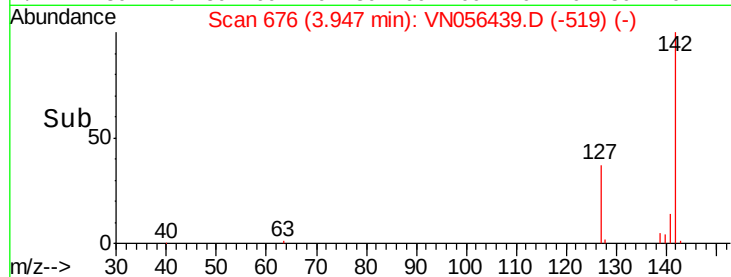
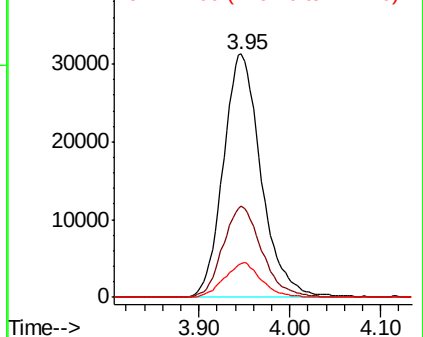
#11
Methyl Iodide
Concen: 17.268 ug/l
RT: 3.95 min Scan# 676
Delta R.T. 0.01 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:142 Resp: 90322
Ion Ratio Lower Upper
142 100
127 37.4 19.0 57.0
141 13.8 6.7 20.0

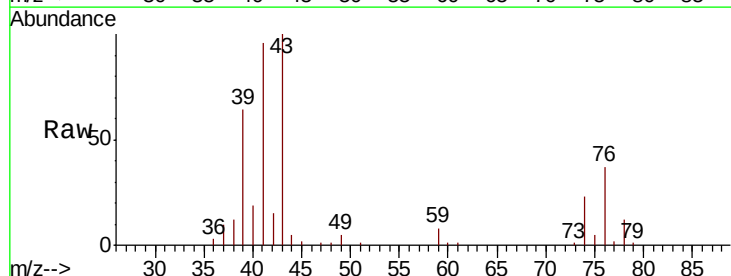


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

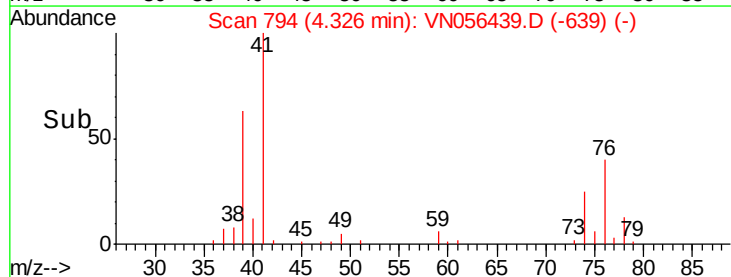
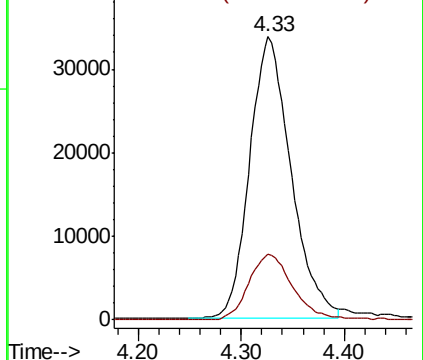


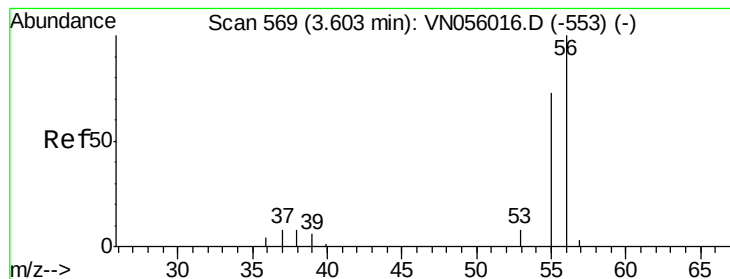
#12
Methyl Acetate
Concen: 23.570 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion: 43 Resp: 93899
Ion Ratio Lower Upper
43 100
74 23.2 19.9 29.9



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





#13

Acrolein

Concen: 96.632 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

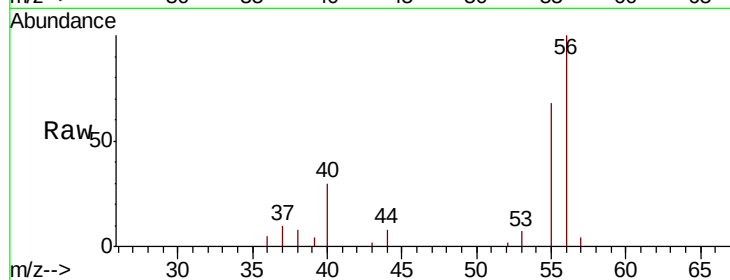
VSTDCCC020EC

Tot Ion: 56 Resp: 18764

Ion Ratio Lower Upper

56 100

55 70.7 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

8000

6000

4000

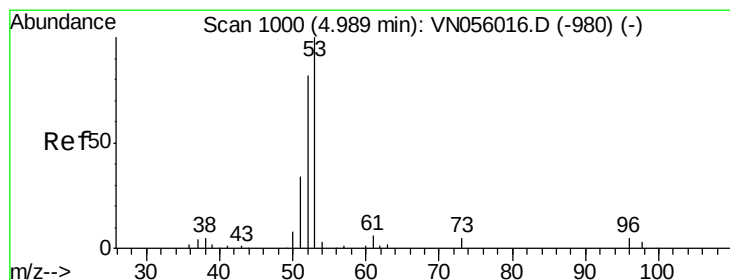
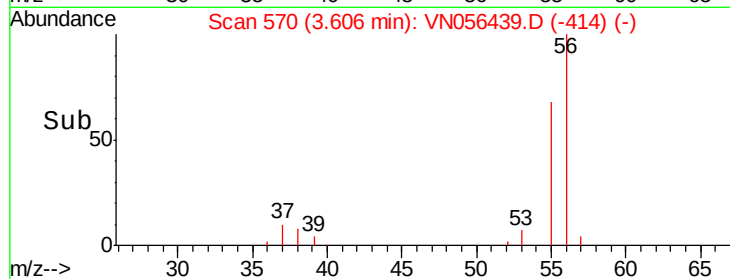
2000

0

Time-->

3.55 3.60 3.65 3.70

3.61



#14

Acrylonitrile

Concen: 112.167 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

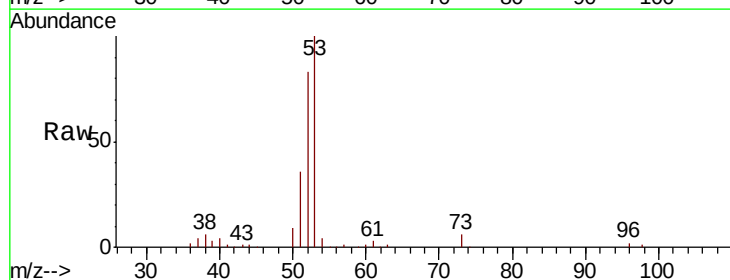
Tgt Ion: 53 Resp: 199280

Ion Ratio Lower Upper

53 100

52 81.5 40.8 122.2

51 35.9 17.3 52.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

80000

60000

40000

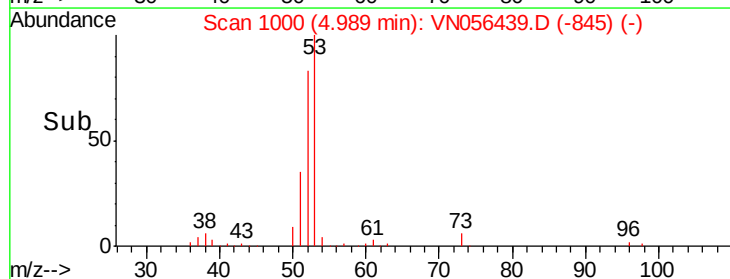
20000

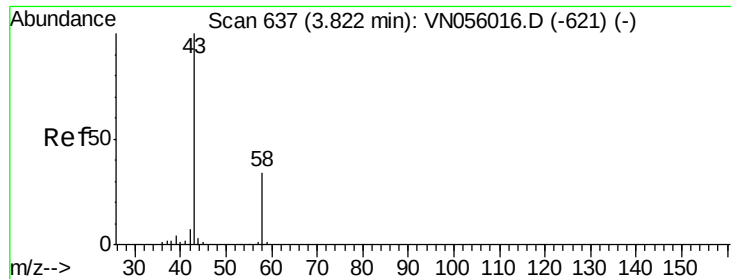
0

Time-->

4.90 5.00 5.10

4.99





#15

Acetone

Concen: 100.661 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

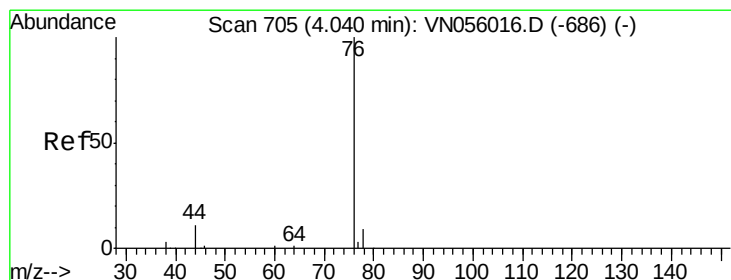
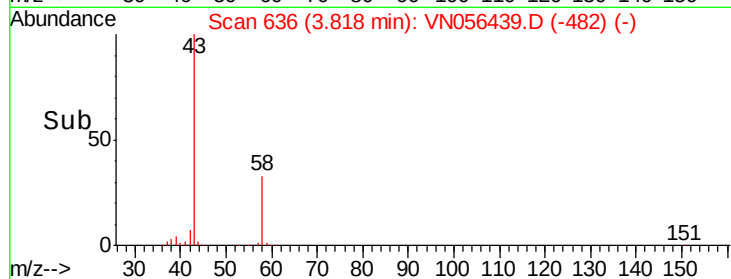
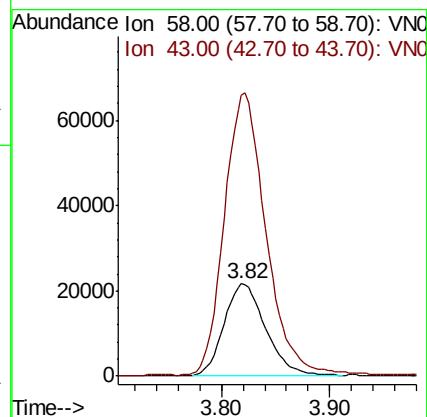
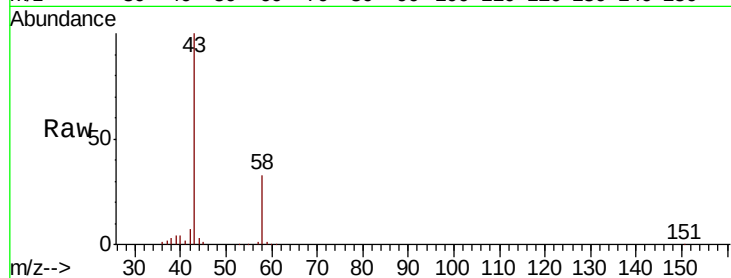
VSTDCCC020EC

Tot Ion: 58 Resp: 58557

Ion Ratio Lower Upper

58 100

43 301.5 232.5 348.7



#16

Carbon Disulfide

Concen: 17.997 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN056439.D

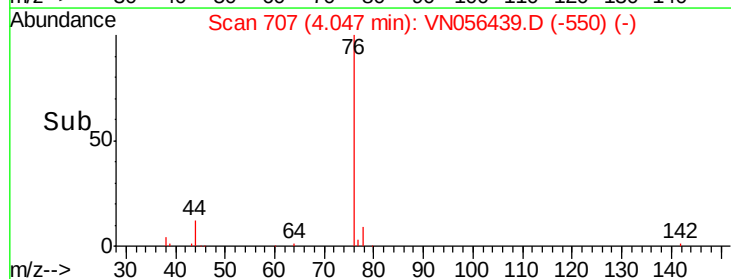
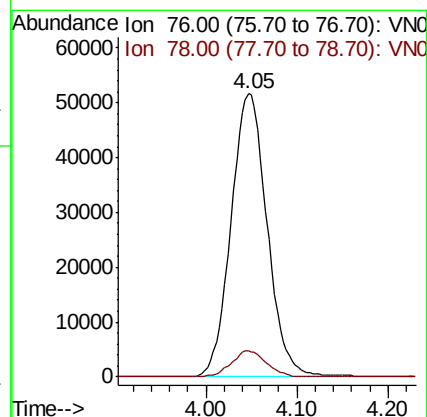
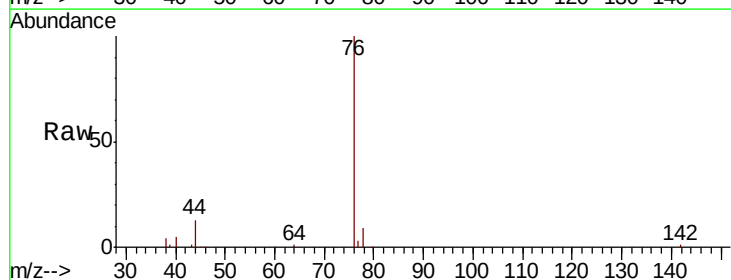
Acq: 21 Jun 2019 20:20

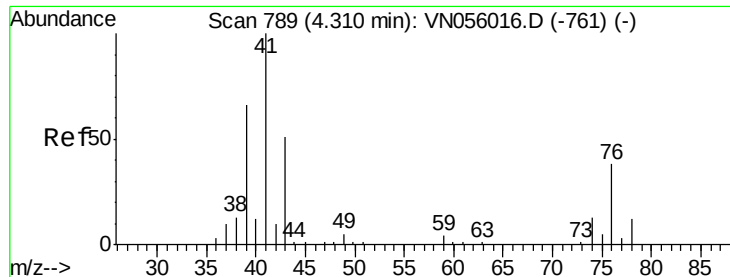
Tgt Ion: 76 Resp: 141965

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

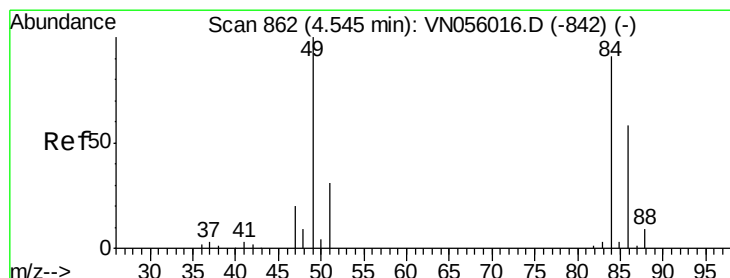
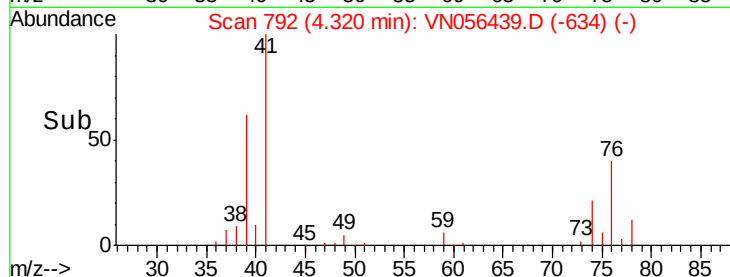
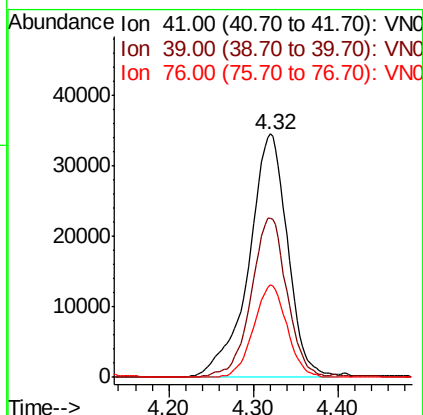
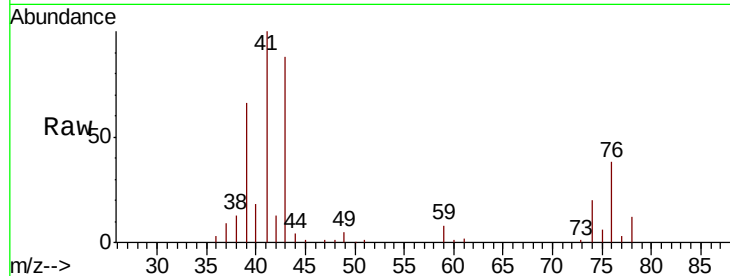




#17
Allvl chloride
Concen: 21.524 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

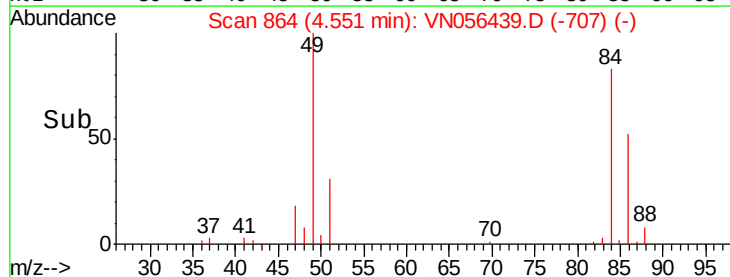
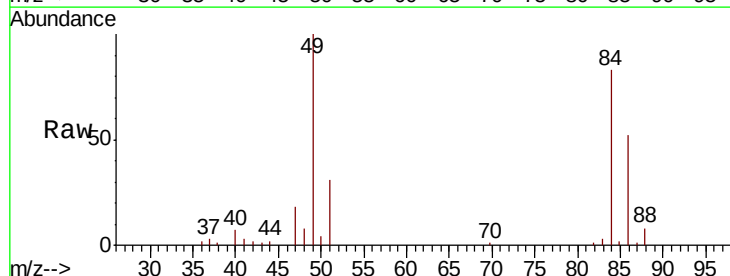
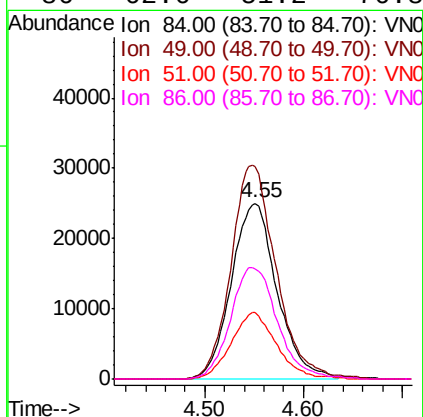
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

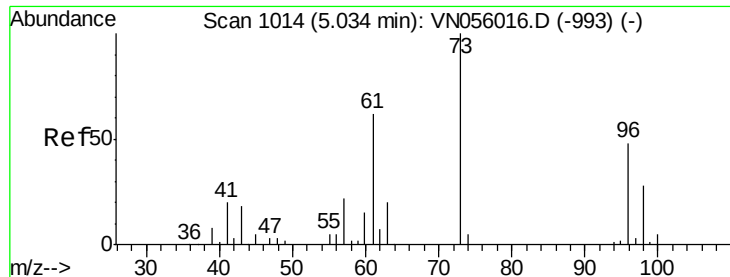
Tot Ion: 41 Resp: 110563
Ion Ratio Lower Upper
41 100
39 65.6 33.0 99.0
76 38.0 18.9 56.9



#18
Methylene Chloride
Concen: 20.959 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion: 84 Resp: 80441
Ion Ratio Lower Upper
84 100
49 120.2 87.6 131.4
51 37.7 27.0 40.4
86 62.6 51.2 76.8

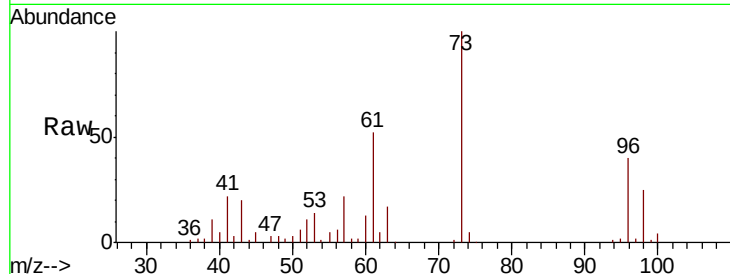




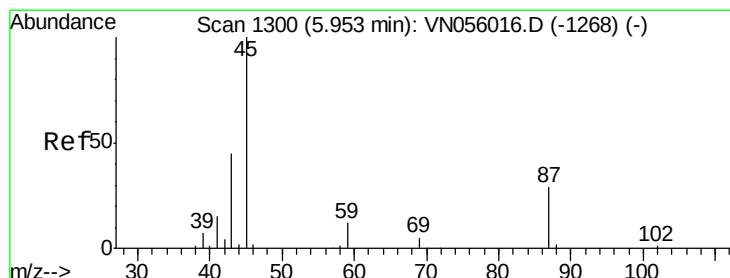
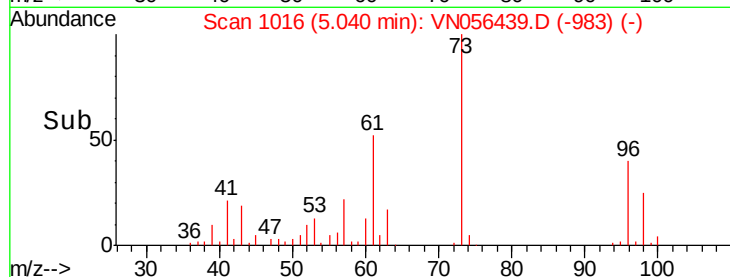
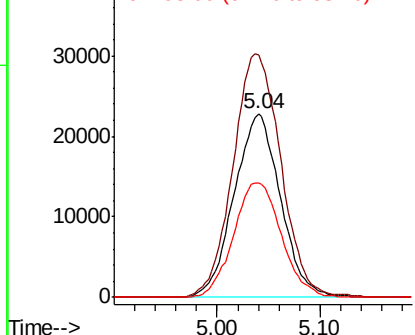
#19
trans-1,2-Dichloroethene
Concen: 20.097 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 96 Resp: 71119
Ion Ratio Lower Upper
96 100
61 130.8 102.5 153.7
98 62.5 46.9 70.3

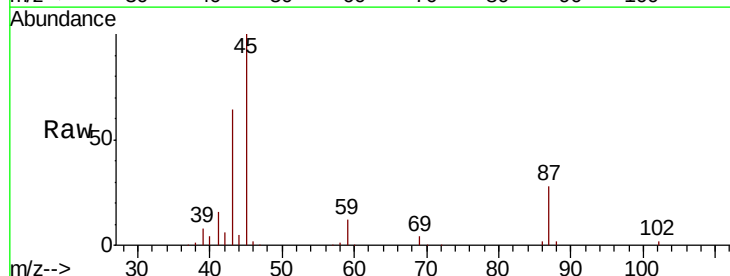


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

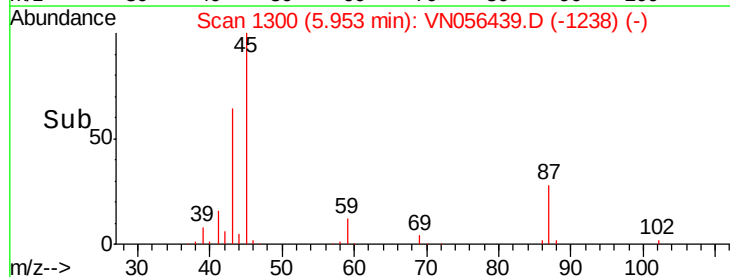
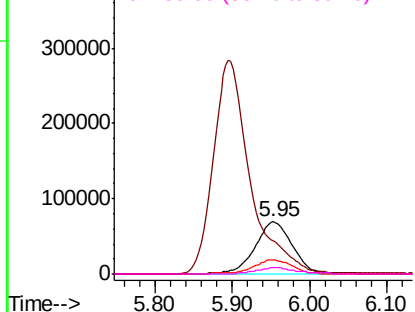


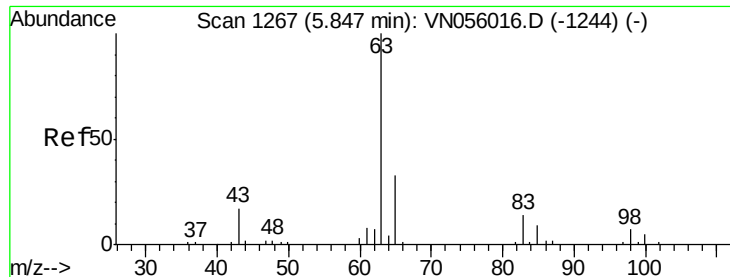
#20
Diisopropyl ether
Concen: 22.031 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion: 45 Resp: 234469
Ion Ratio Lower Upper
45 100
43 61.1 48.0 72.0
87 27.1 23.4 35.2
59 11.5 9.2 13.8



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

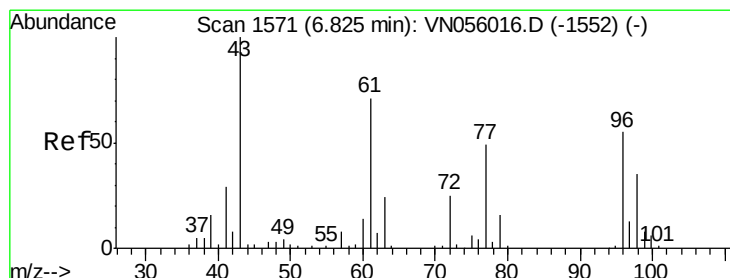
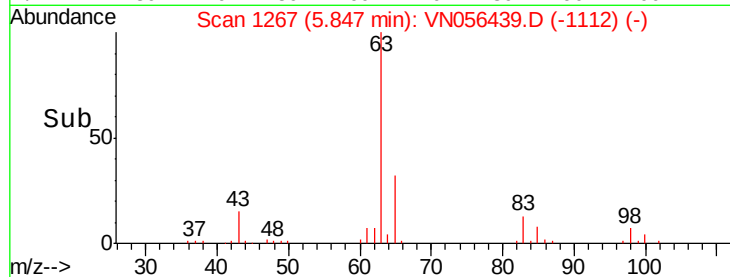
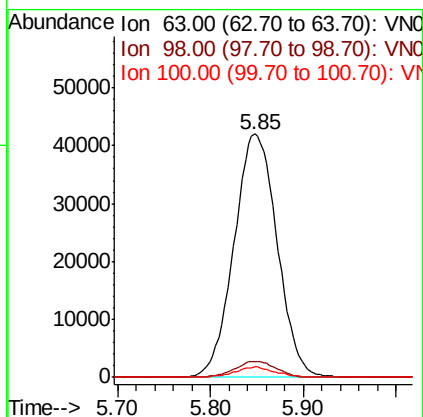
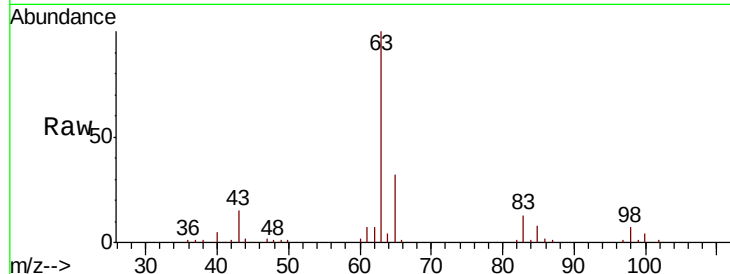




#21
 1,1-Dichloroethane
 Concen: 21.947 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

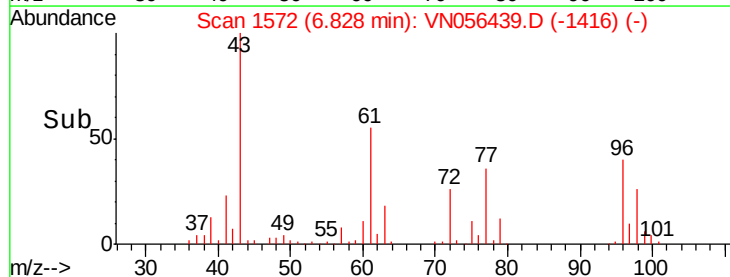
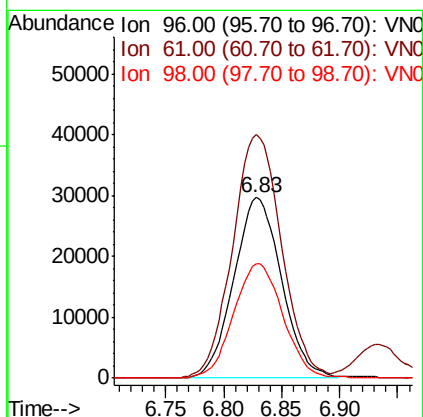
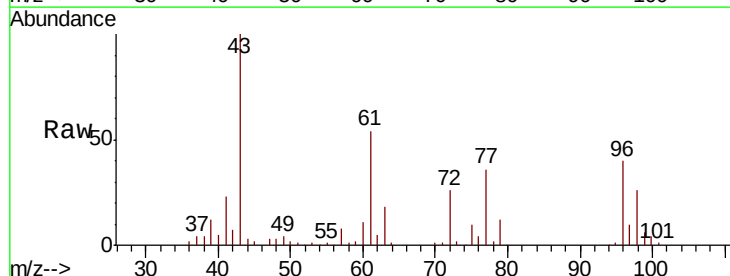
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

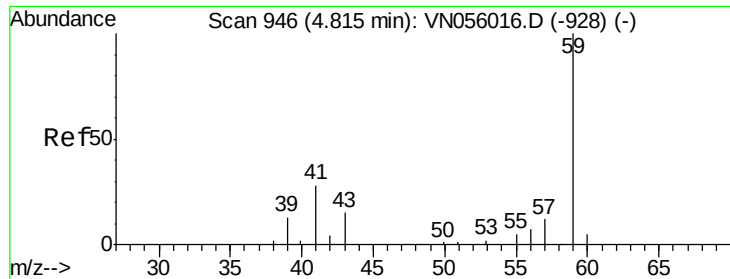
Tot Ion: 63 Resp: 135742
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.4 2.3 6.9



#22
 cis-1,2-Dichloroethene
 Concen: 20.580 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion: 96 Resp: 85004
 Ion Ratio Lower Upper
 96 100
 61 138.5 105.7 158.5
 98 65.4 52.0 78.0



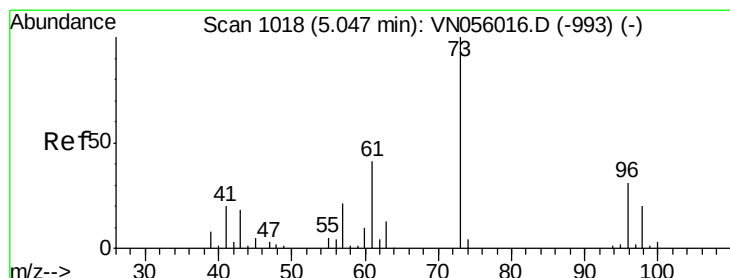
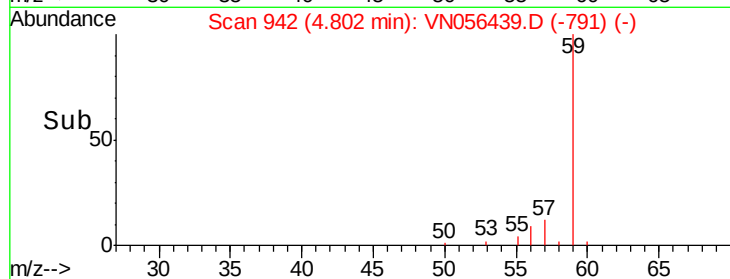
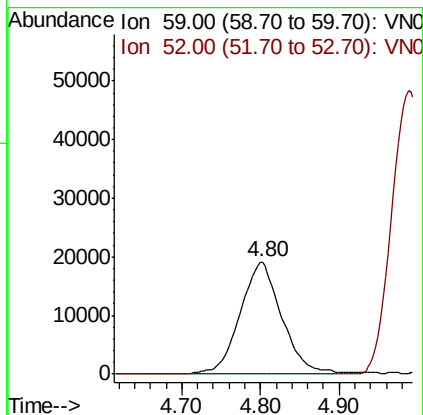
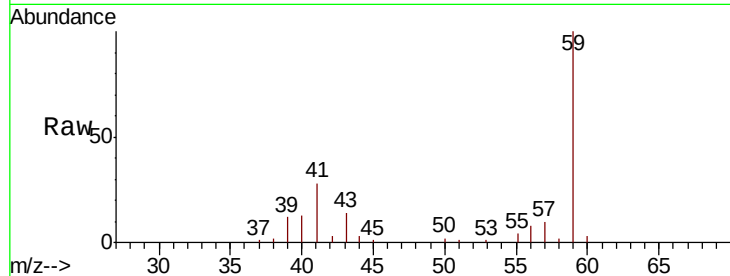


#23

tert-Butyl Alcohol
 Concen: 102.751 ug/l
 RT: 4.80 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

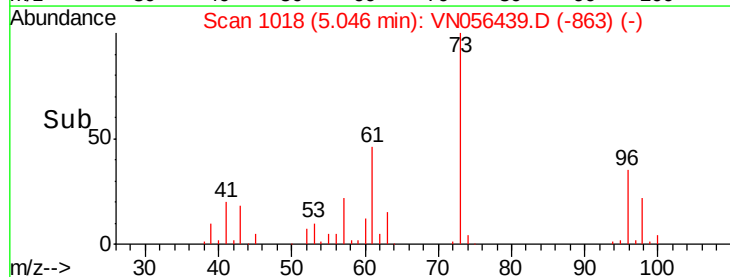
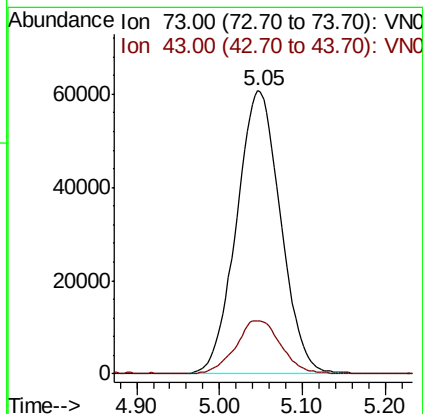
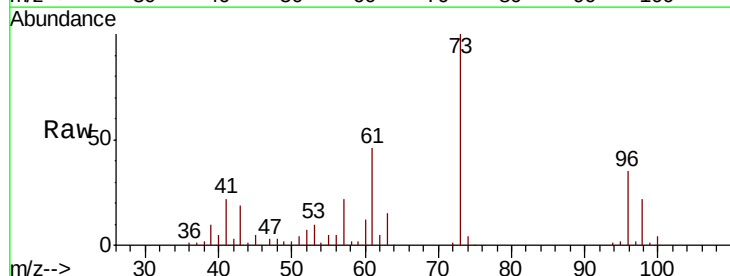
Tot Ion: 59 Resp: 71056
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

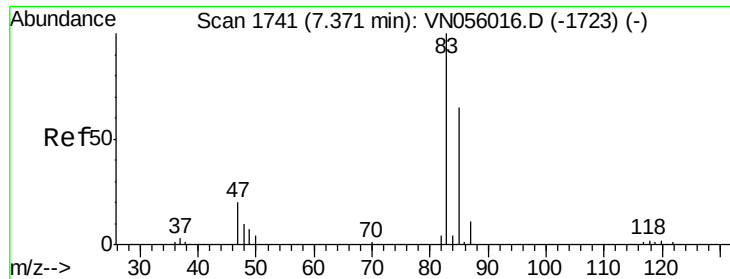


#24

Methyl tert-Butyl Ether
 Concen: 21.195 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion: 73 Resp: 223944
 Ion Ratio Lower Upper
 73 100
 43 19.1 15.4 23.0

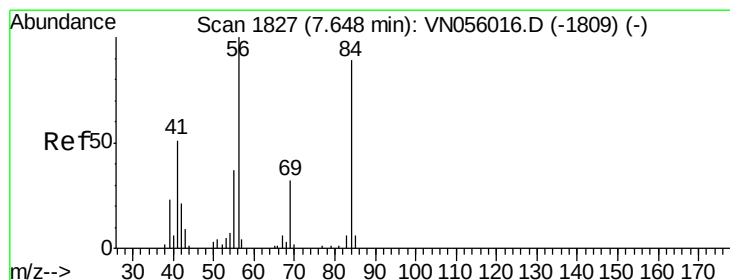
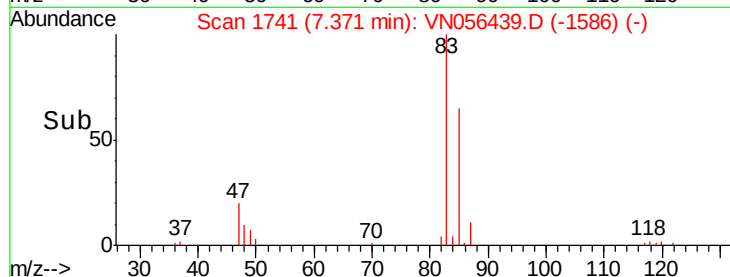
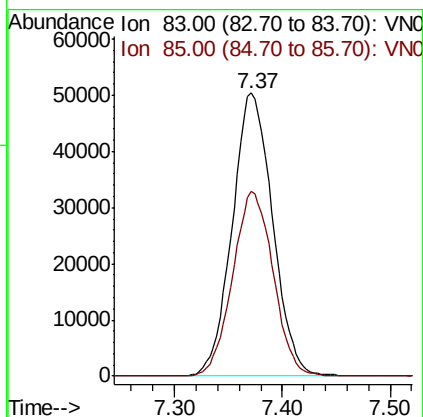
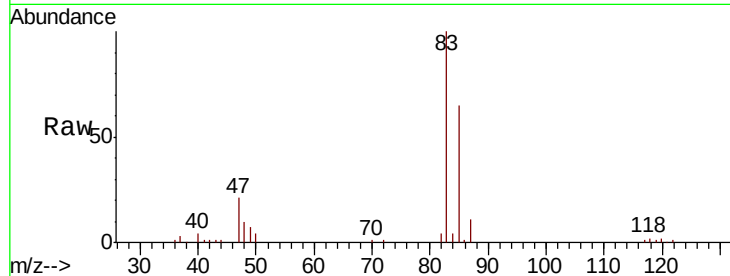




#25
Chloroform
Concen: 21.297 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

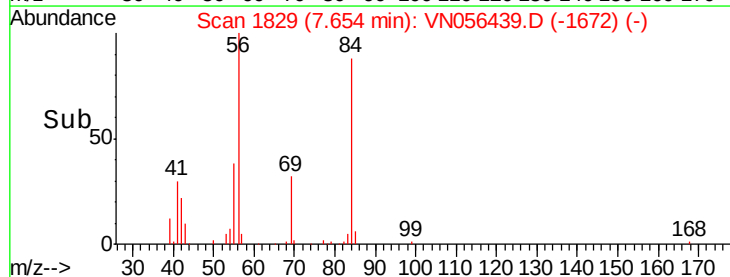
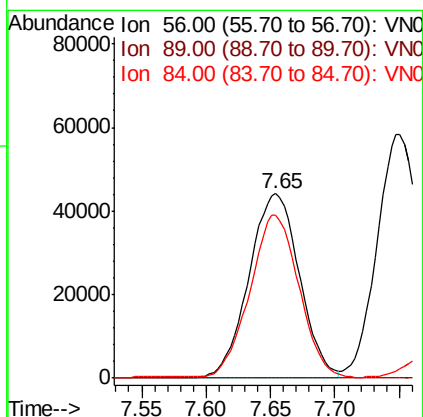
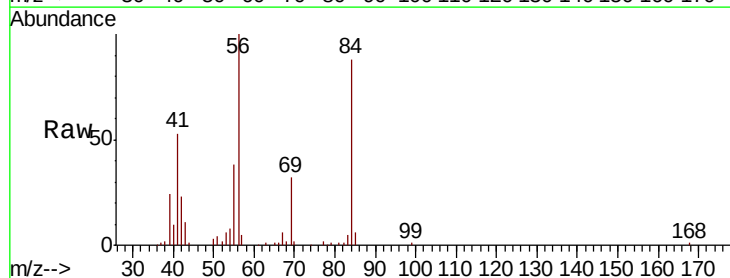
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

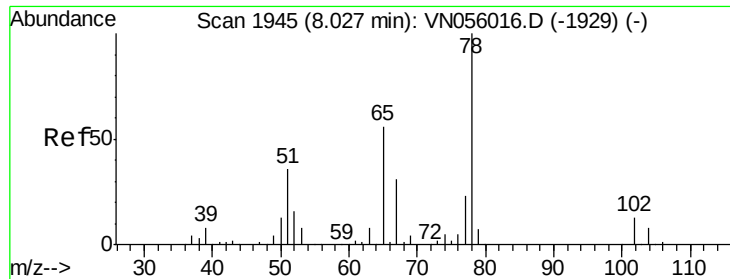
Tot Ion: 83 Resp: 131529
Ion Ratio Lower Upper
83 100
85 65.2 52.0 78.0



#26
Cyclohexane
Concen: 20.989 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion: 56 Resp: 120437
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.3 70.1 105.1

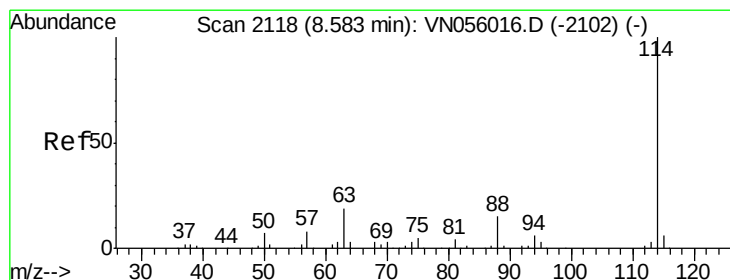
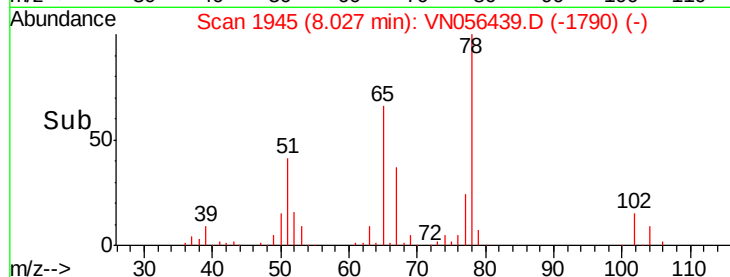
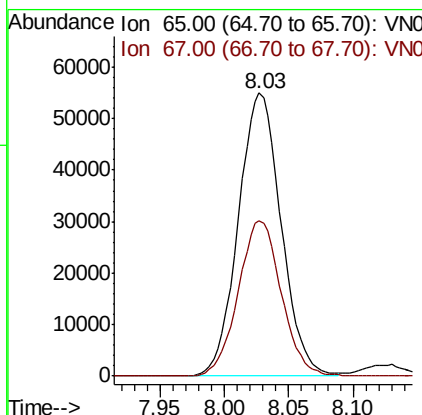
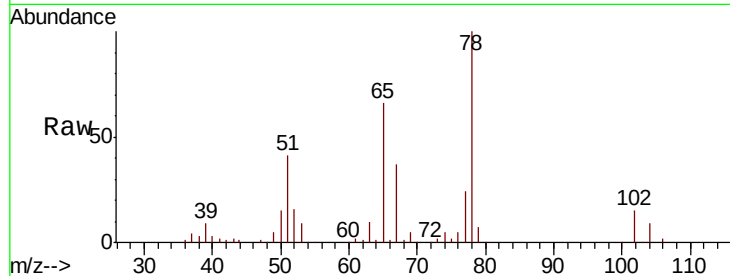




#27
 1,2-Dichloroethane-d4
 Concen: 32.202 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

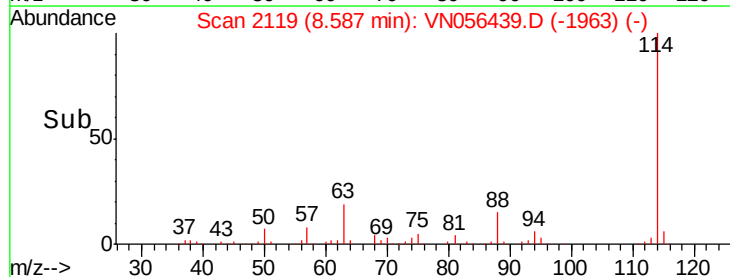
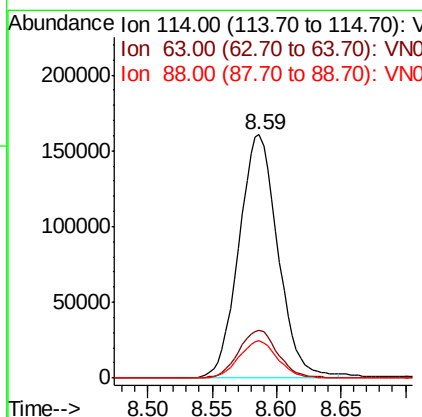
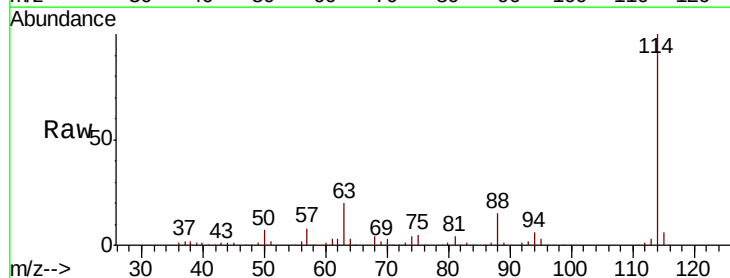
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

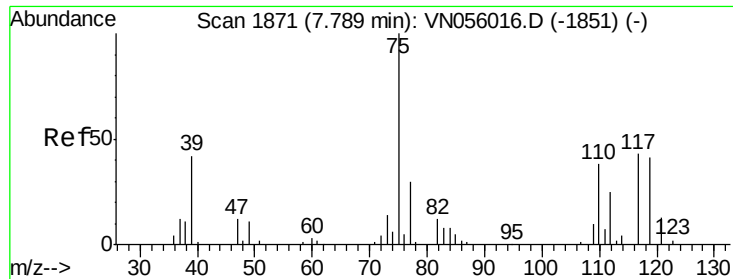
Tot Ion: 65 Resp: 127005
 Ion Ratio Lower Upper
 65 100
 67 55.2 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion: 114 Resp: 339046
 Ion Ratio Lower Upper
 114 100
 63 19.6 14.7 22.1
 88 15.3 11.9 17.9

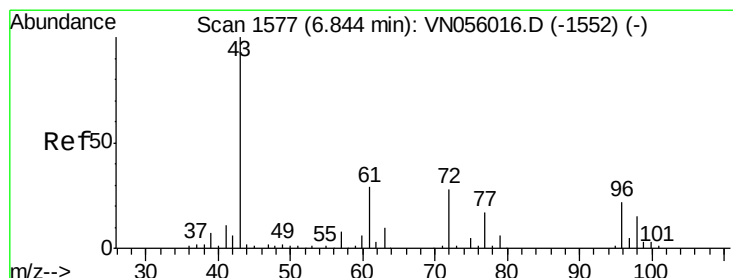
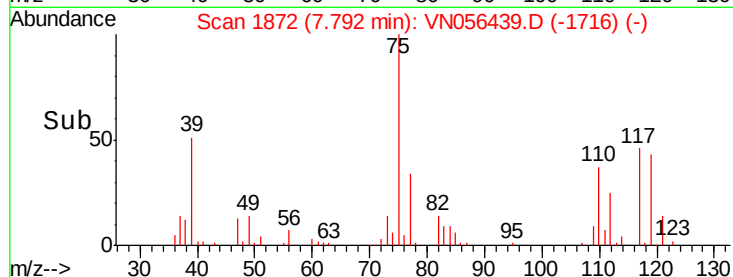
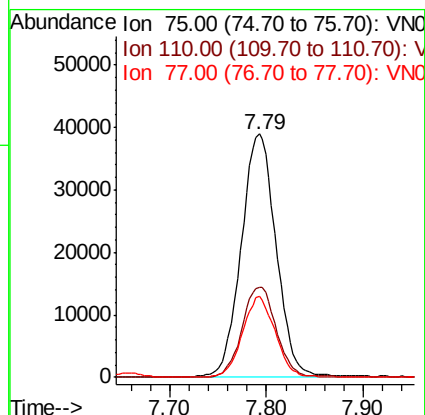
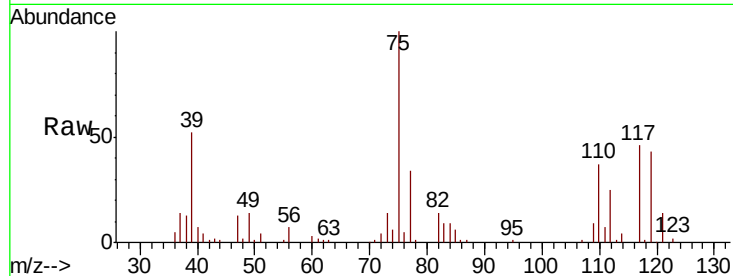




#29
 1,1-Dichloropropene
 Concen: 21.325 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

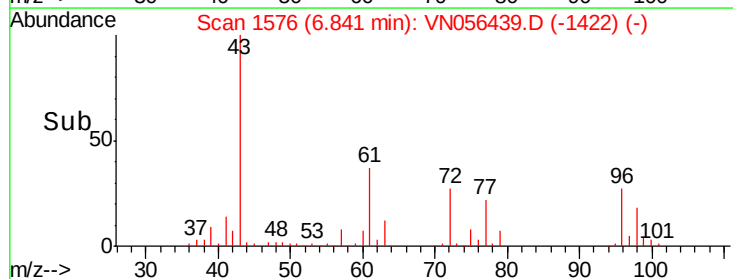
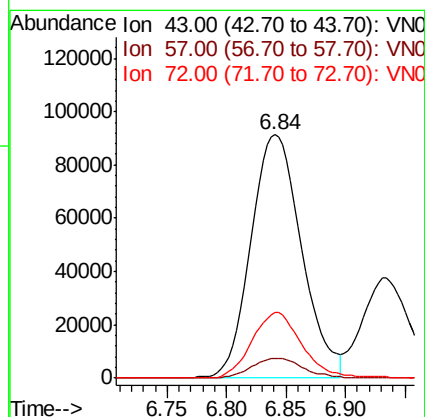
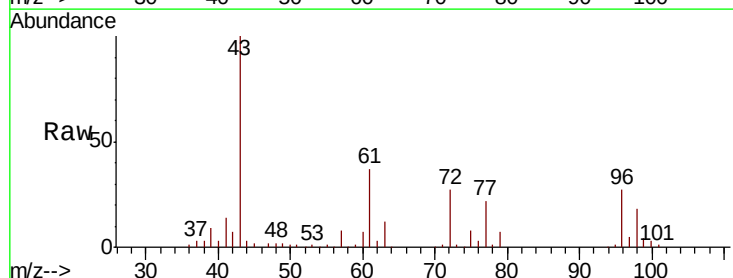
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

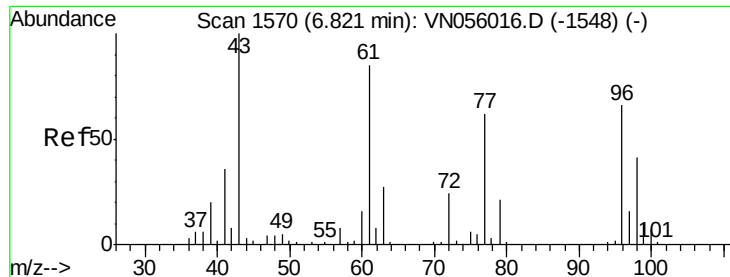
Tot Ion: 75 Resp: 97802
 Ion Ratio Lower Upper
 75 100
 110 36.3 0.0 77.0
 77 31.1 0.0 62.4



#30
 2-Butanone
 Concen: 111.122 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion: 43 Resp: 268291
 Ion Ratio Lower Upper
 43 100
 57 8.3 6.7 10.1
 72 26.5 22.4 33.6

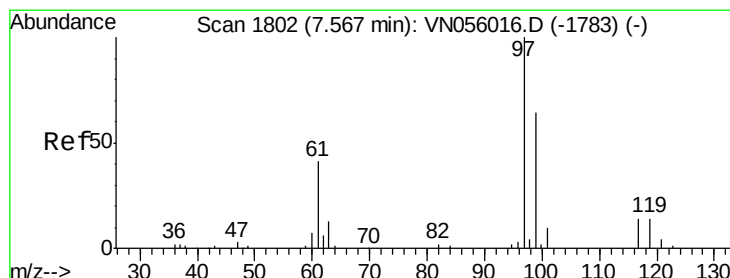
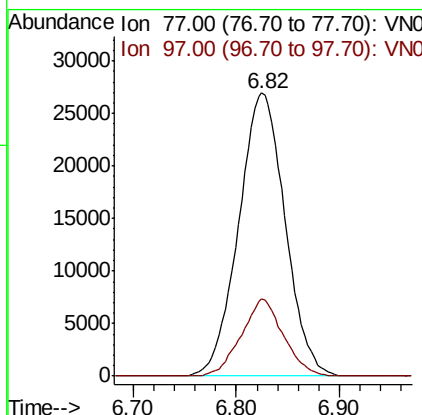
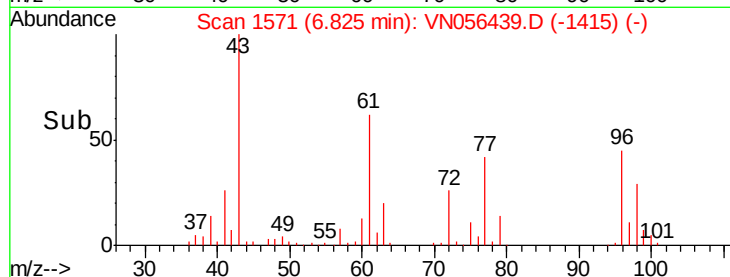
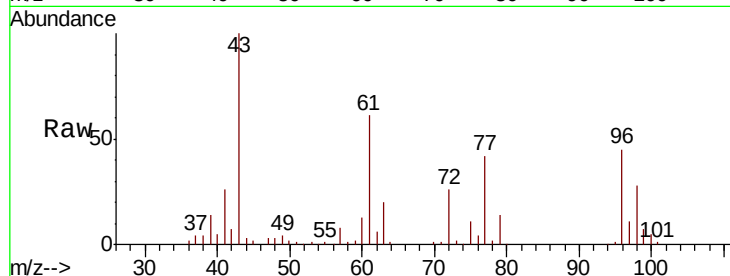




#31
 2,2-Dichloropropane
 Concen: 19.754 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

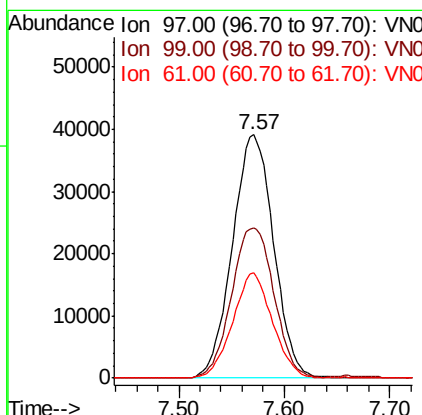
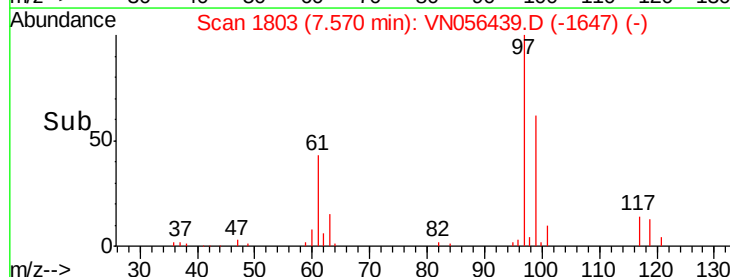
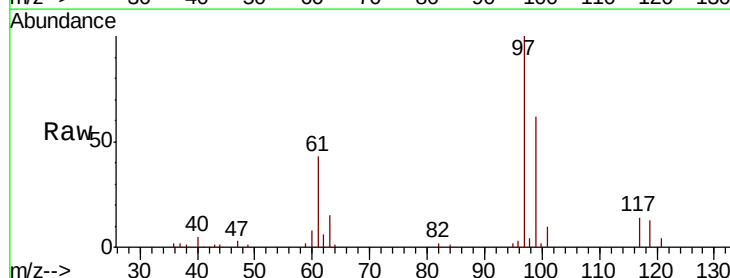
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

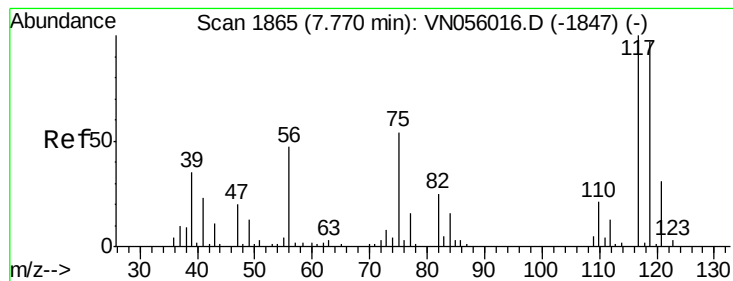
Tot Ion: 77 Resp: 84278
 Ion Ratio Lower Upper
 77 100
 97 24.7 20.8 31.2



#32
 1,1,1-Trichloroethane
 Concen: 20.986 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion: 97 Resp: 106338
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.5 77.3
 61 41.5 32.9 49.3





#33

Carbon Tetrachloride

Concen: 19.873 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

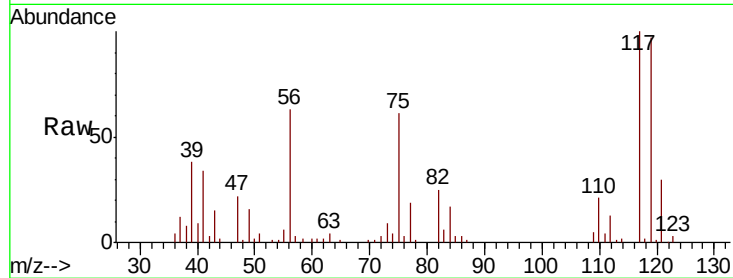
Tot Ion:117 Resp: 85314

Ion Ratio Lower Upper

117 100

119 97.1 77.3 115.9

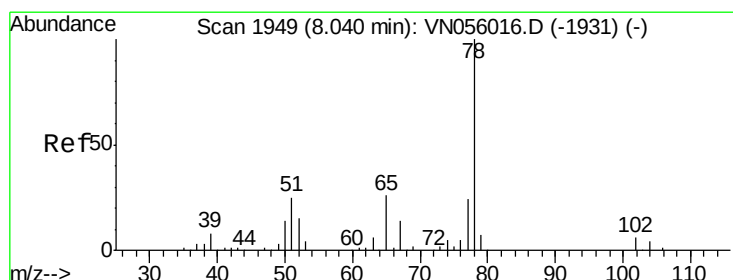
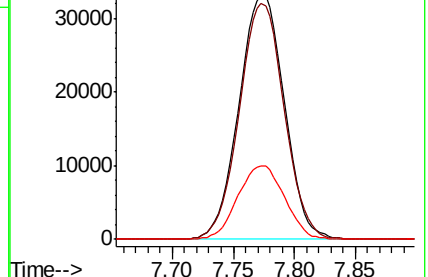
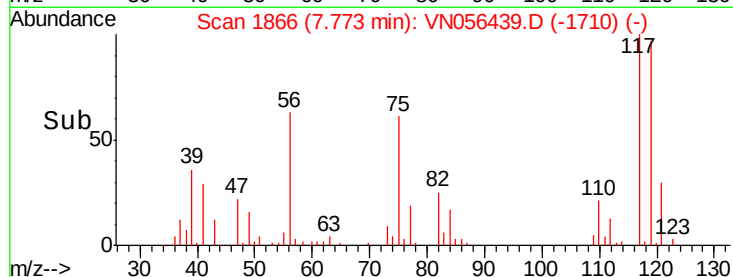
121 30.1 25.0 37.4



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: 21.088 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

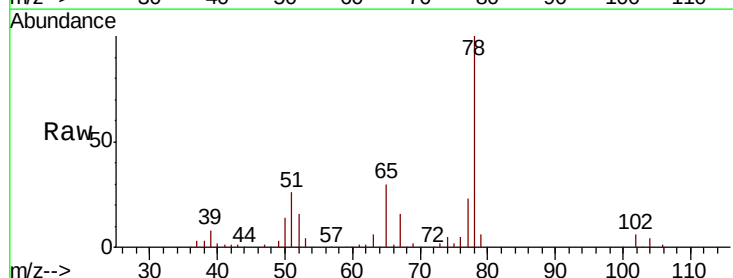
Tgt Ion: 78 Resp: 308154

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

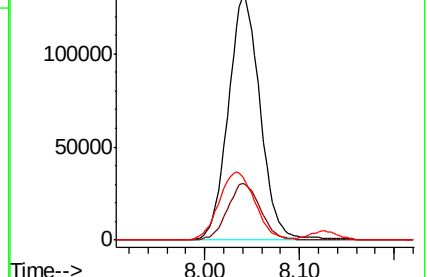
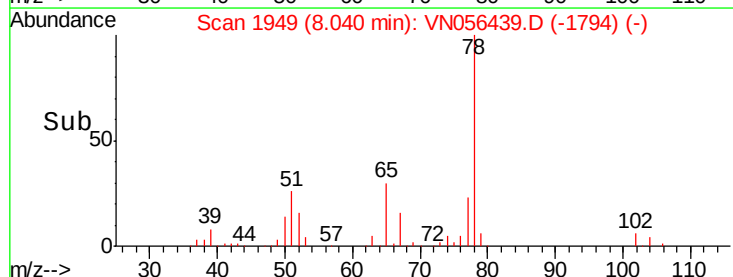
51 25.7 19.8 29.8

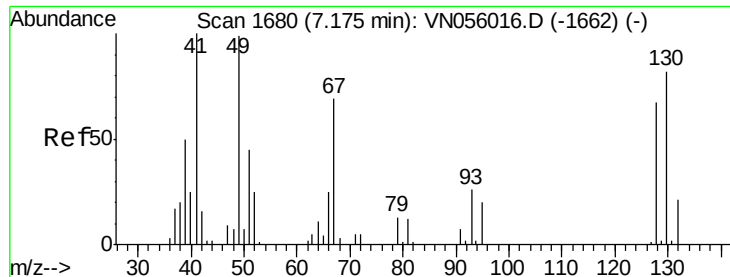


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

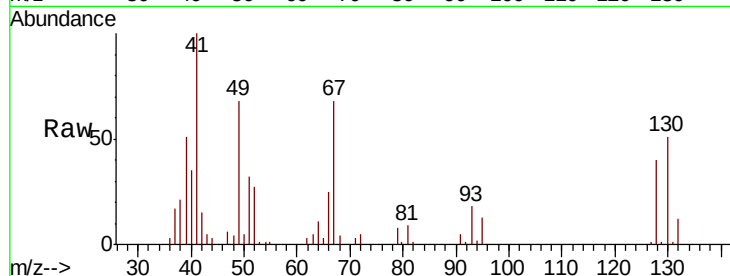




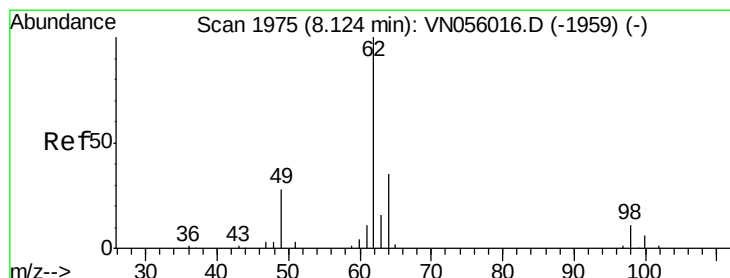
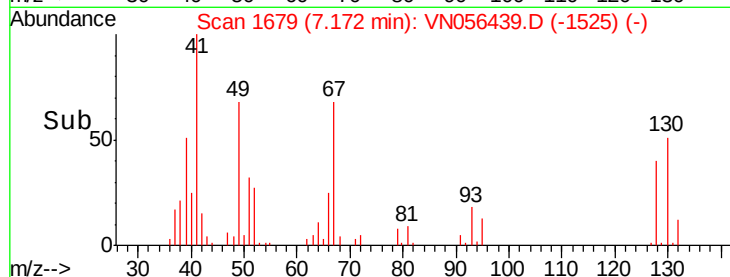
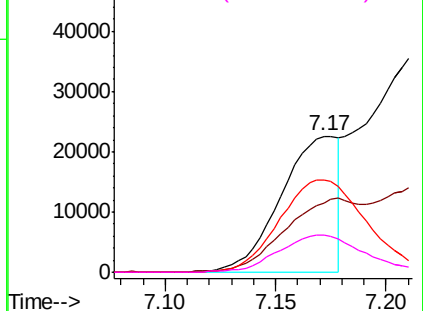
#35
Methacrylonitrile
Concen: 20.030 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020EC

Tot Ion: 41 Resp: 40838
Ion Ratio Lower Upper
41 100
39 51.0 24.8 74.3
67 67.8 34.3 102.9
52 27.4 12.6 37.8

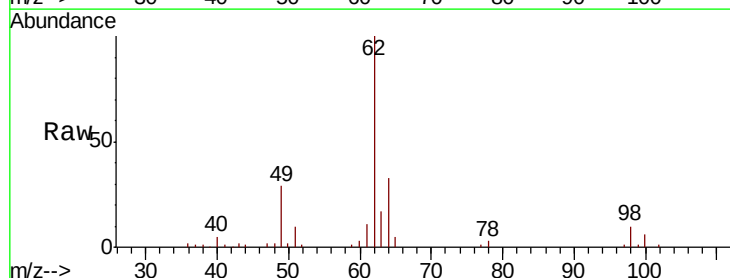


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

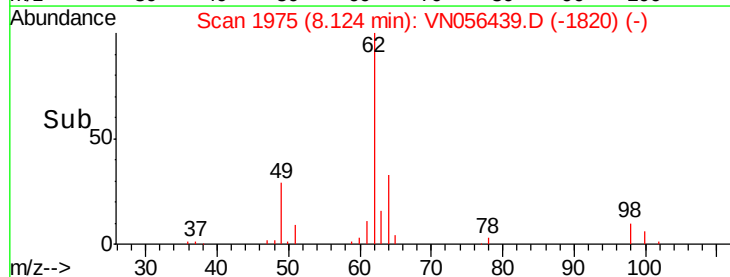
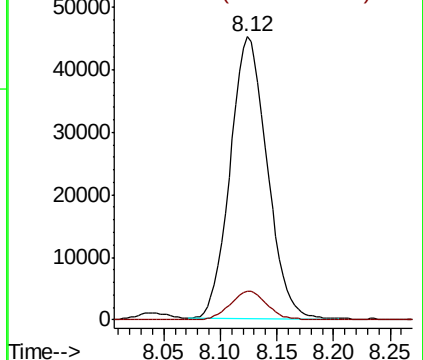


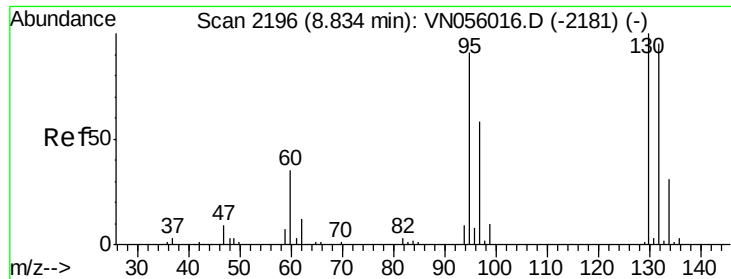
#36
1,2-Dichloroethane
Concen: 22.537 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion: 62 Resp: 103155
Ion Ratio Lower Upper
62 100
98 10.0 8.6 13.0



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

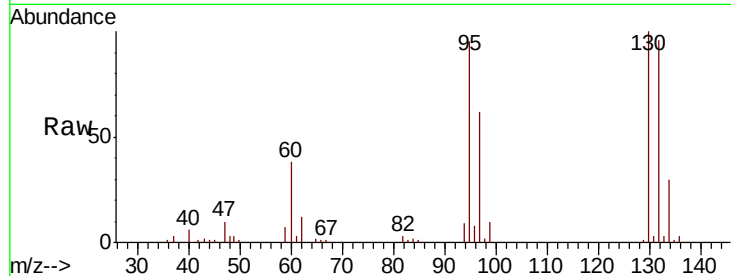




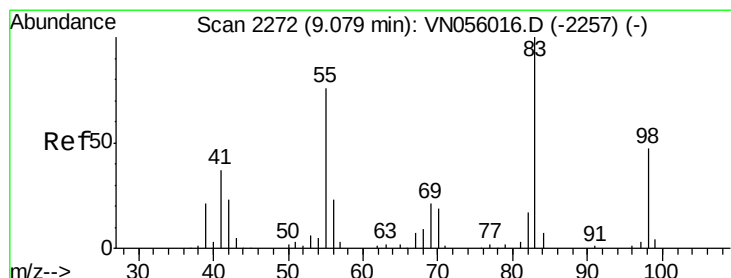
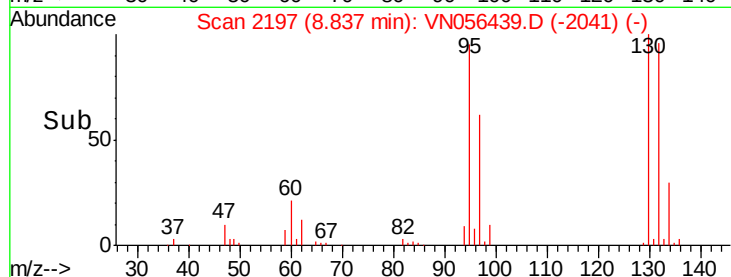
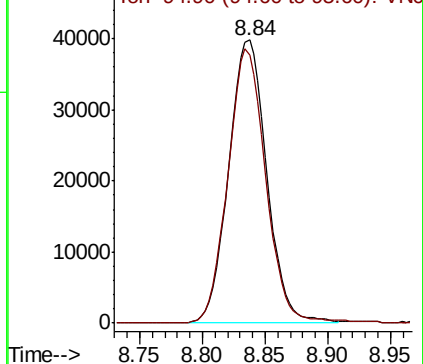
#37
 Trichloroethene
 Concen: 20.561 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 84074
 Ion Ratio Lower Upper
 130 100
 95 94.7 73.0 109.6

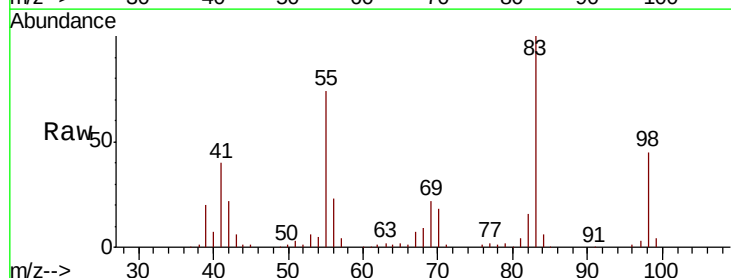


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

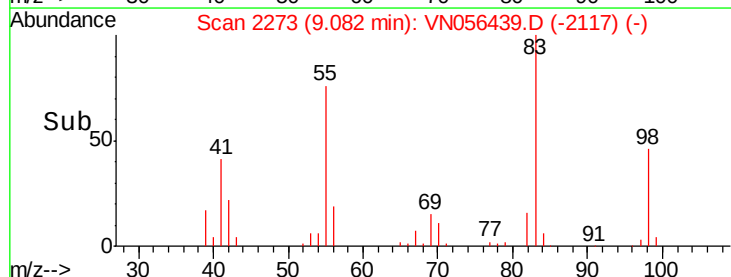
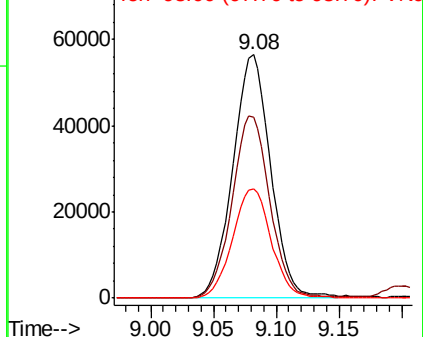


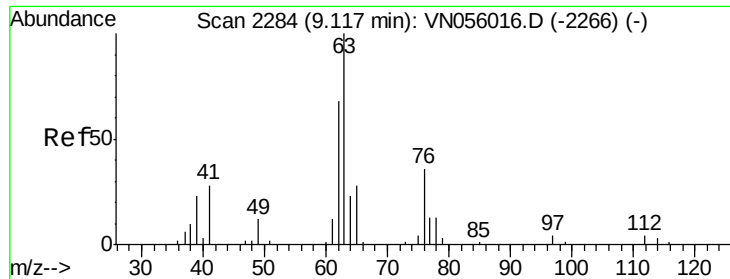
#38
 Methylcyclohexane
 Concen: 20.412 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion: 83 Resp: 118680
 Ion Ratio Lower Upper
 83 100
 55 74.7 37.5 112.7
 98 45.9 23.1 69.3



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





#39

1,2-Dichloropropane

Concen: 22.333 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

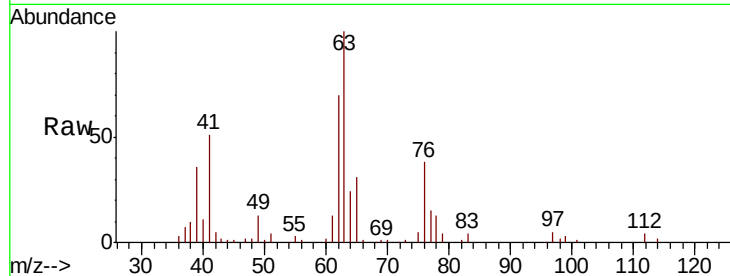
VSTDCCC020EC

Tot Ion: 63 Resp: 83579

Ion Ratio Lower Upper

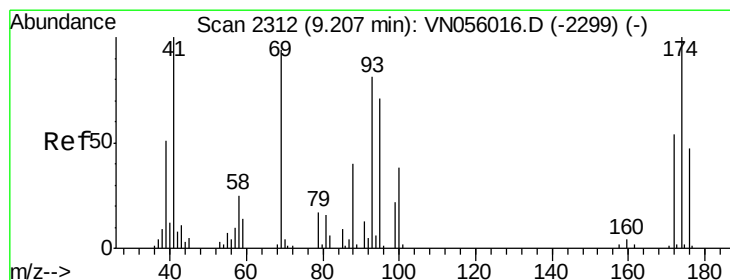
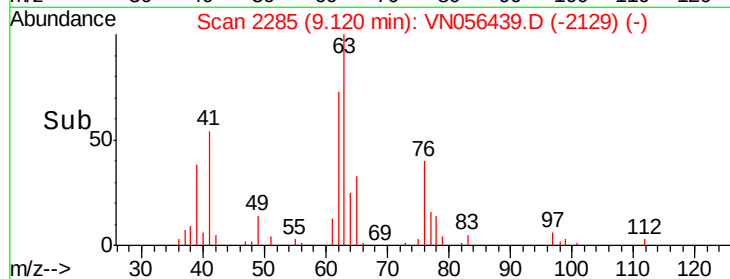
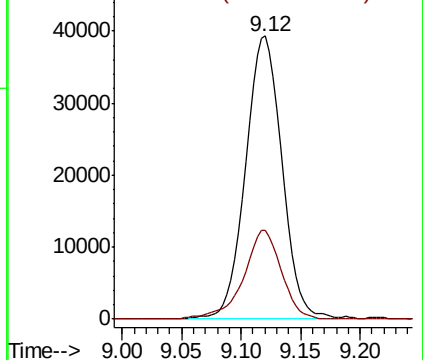
63 100

65 31.2 23.1 34.7



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 21.541 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

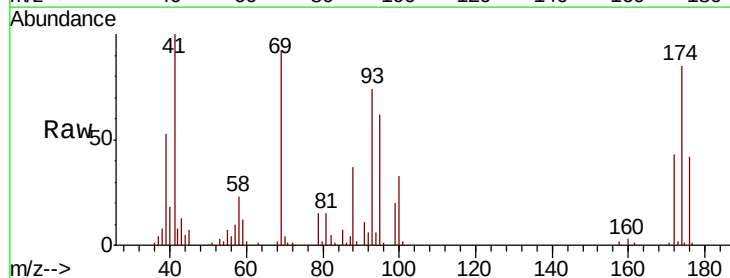
Tgt Ion: 93 Resp: 53453

Ion Ratio Lower Upper

93 100

95 84.1 0.0 169.0

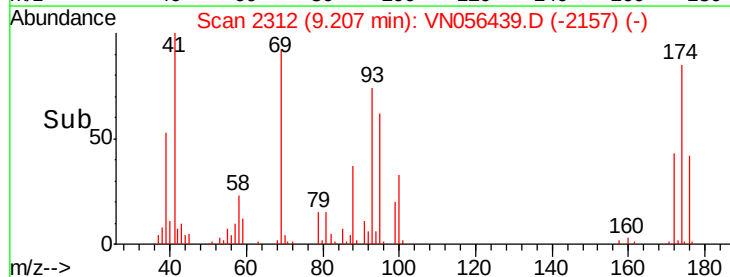
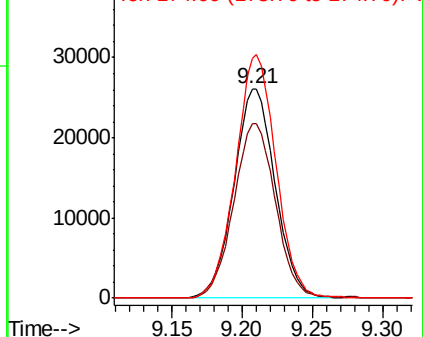
174 113.9 0.0 246.4

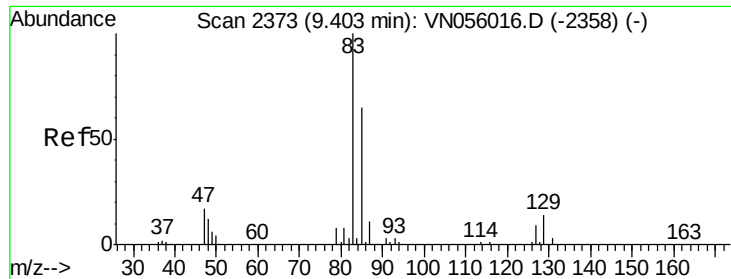


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.617 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

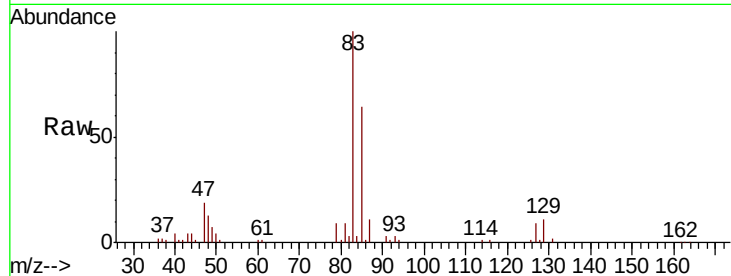
Tot Ion: 83 Resp: 91609

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6

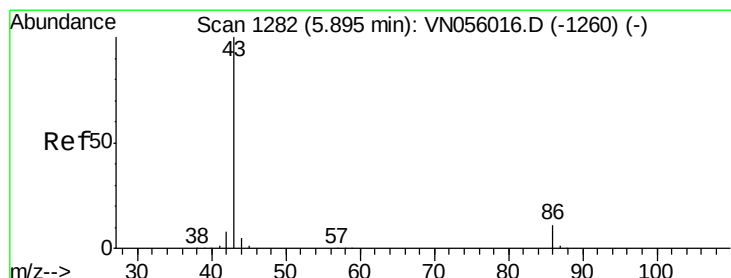
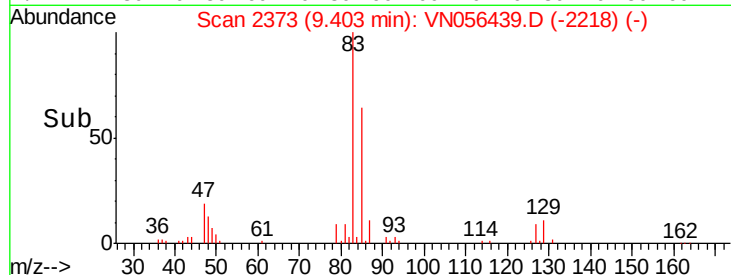
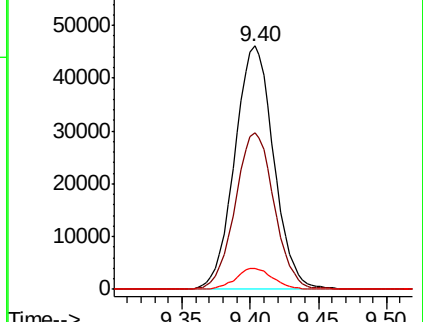
127 8.8 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 109.925 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056439.D

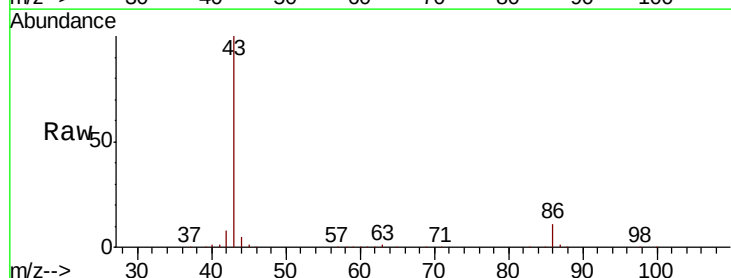
Acq: 21 Jun 2019 20:20

Tgt Ion: 43 Resp: 946198

Ion Ratio Lower Upper

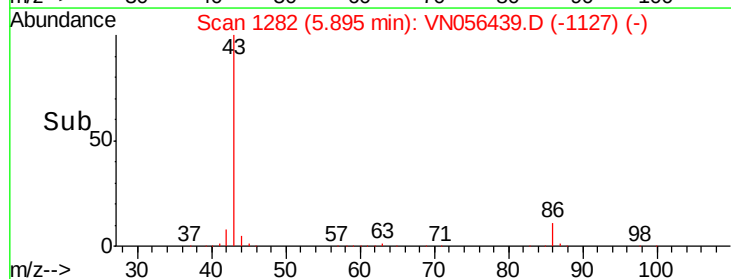
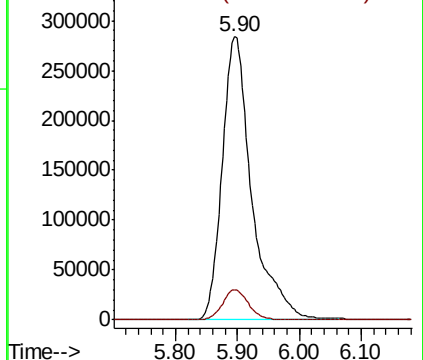
43 100

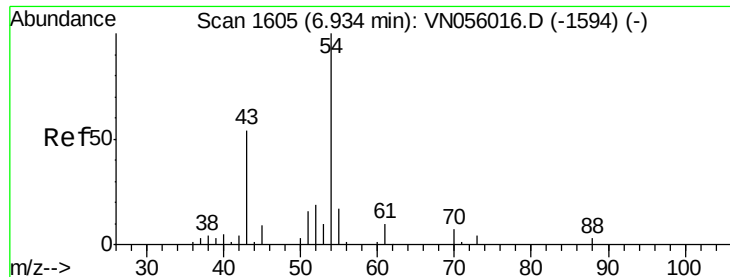
86 9.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 22.448 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

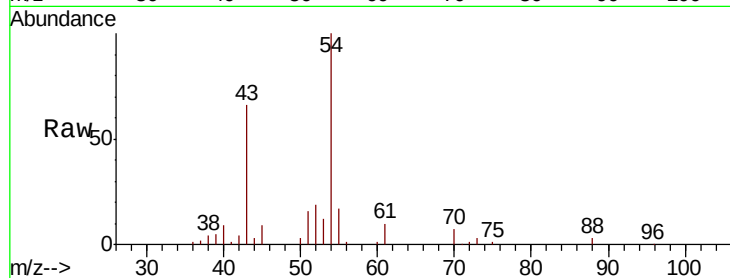
VSTDCCC020EC

Tot Ion: 43 Resp: 103728

Ion Ratio Lower Upper

43 100

45 15.4 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

100000

80000

60000

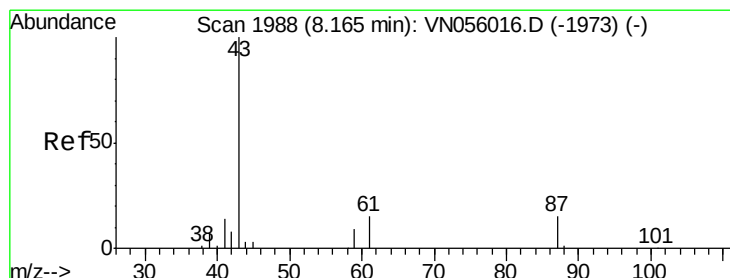
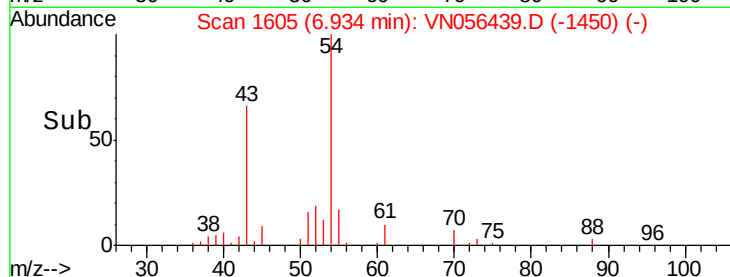
40000

20000

0

6.90 6.93 7.00

Time-->



#44

Isopropyl Acetate

Concen: 22.257 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056439.D

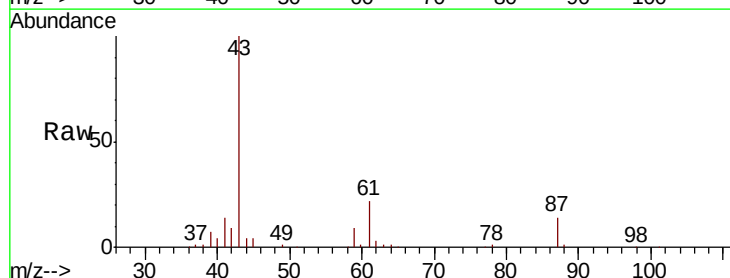
Acq: 21 Jun 2019 20:20

Tgt Ion: 43 Resp: 159685

Ion Ratio Lower Upper

43 100

61 21.1 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

80000

60000

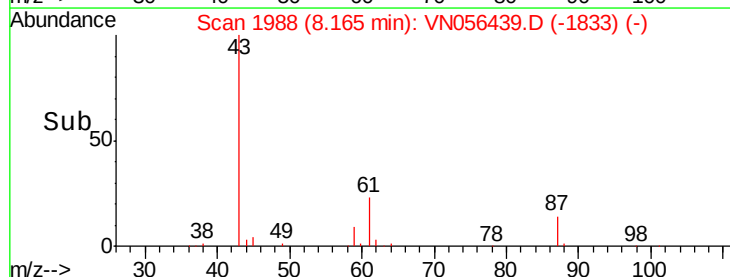
40000

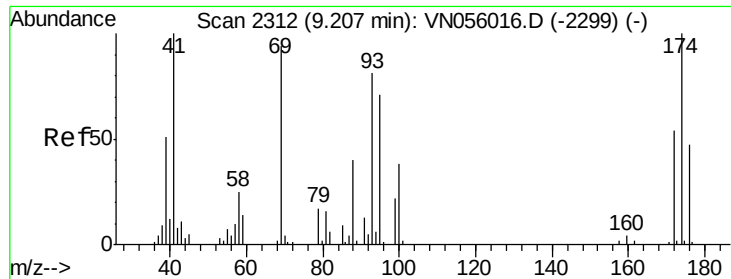
20000

0

8.05 8.10 8.15 8.17 8.20 8.25

Time-->

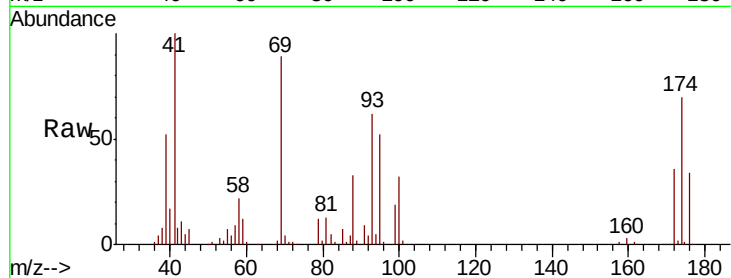




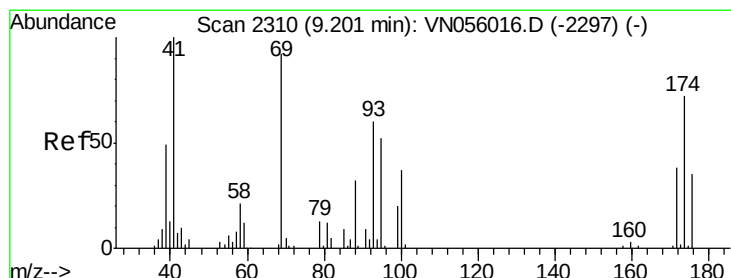
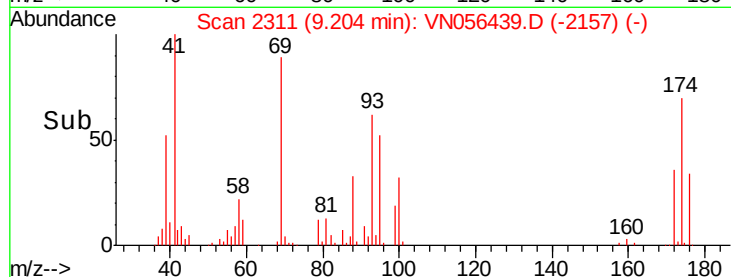
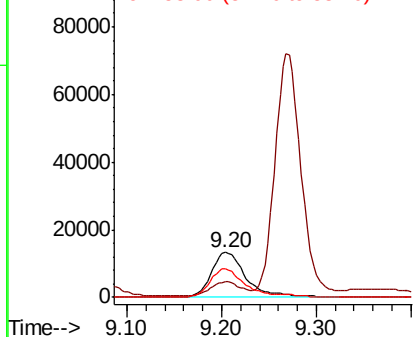
#45
 1,4-Dioxane
 Concen: 443.257 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 88 Resp: 34019
 Ion Ratio Lower Upper
 88 100
 43 27.4 19.8 29.6
 58 62.4 48.5 72.7

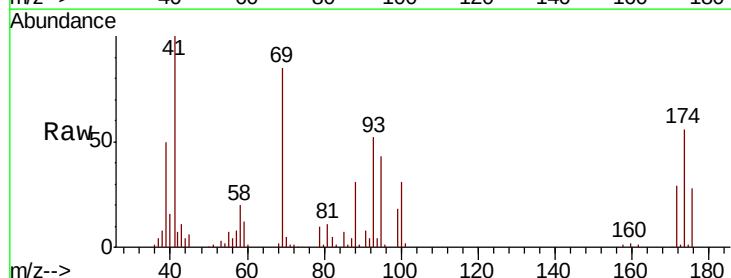


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

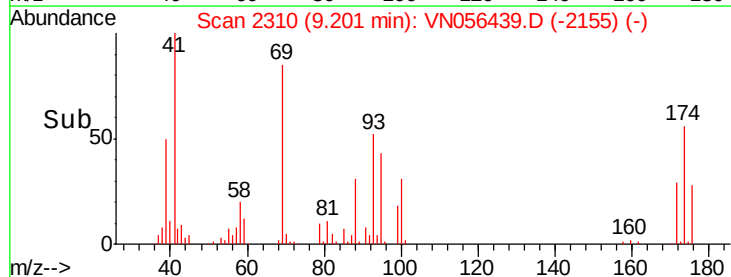
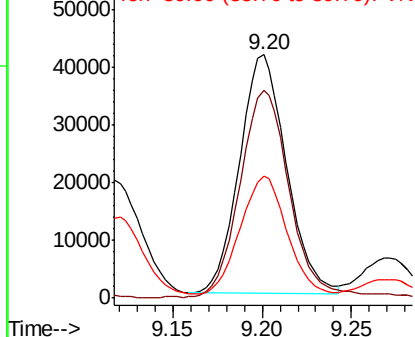


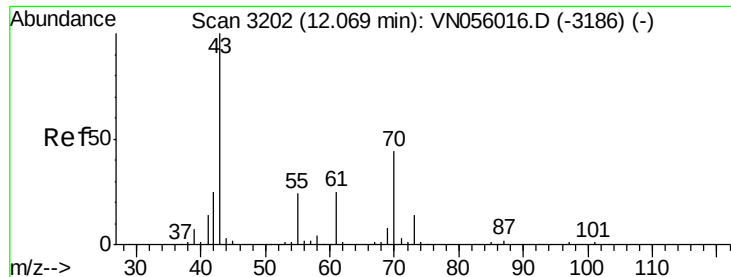
#46
 Methyl methacrylate
 Concen: 21.490 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion: 41 Resp: 76594
 Ion Ratio Lower Upper
 41 100
 69 86.6 46.0 137.8
 39 49.6 24.6 73.8



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





#47

n-amvl Acetate

Concen: 21.383 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

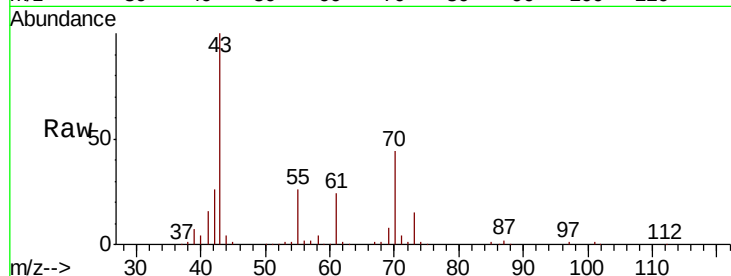
VSTDCCC020EC

Tot Ion: 43 Resp: 126870

Ion Ratio Lower Upper

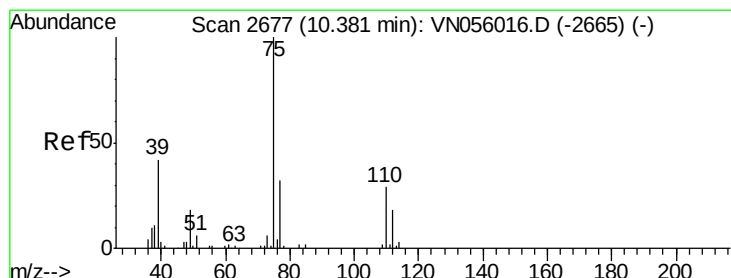
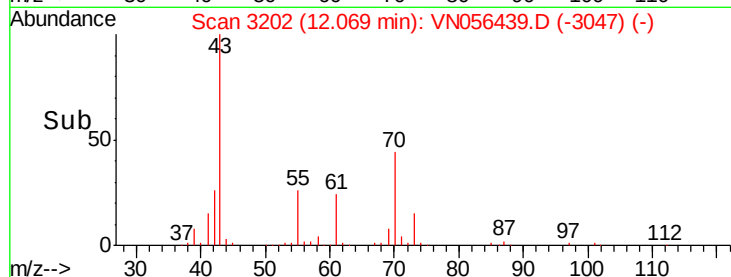
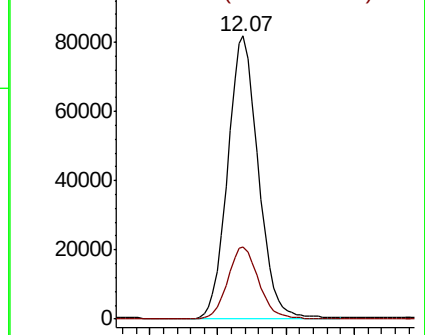
43 100

55 26.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 19.744 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056439.D

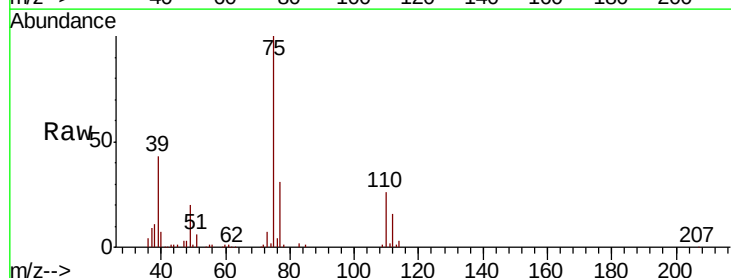
Acq: 21 Jun 2019 20:20

Tgt Ion: 75 Resp: 92326

Ion Ratio Lower Upper

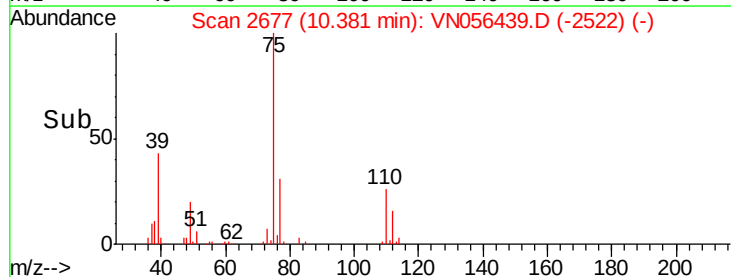
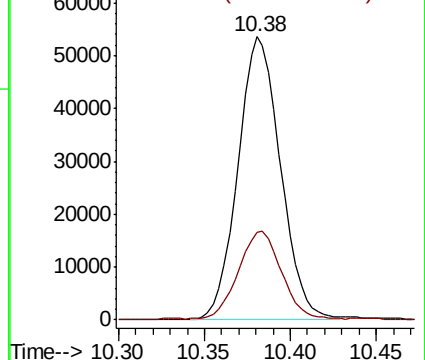
75 100

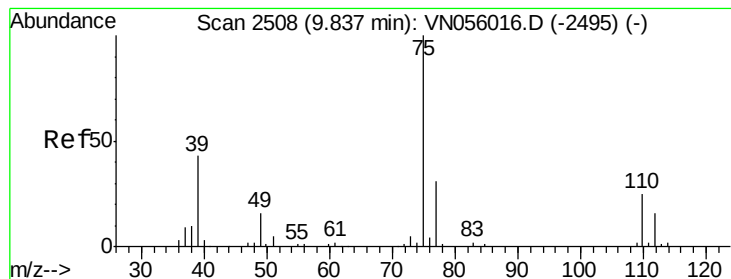
77 30.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



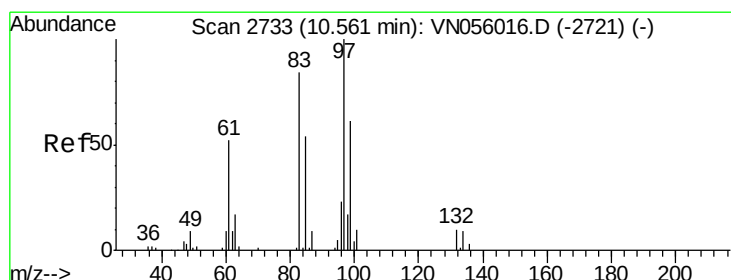
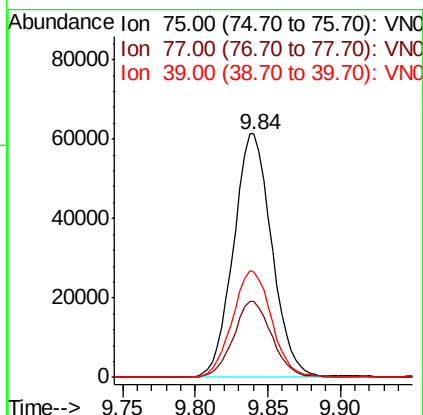
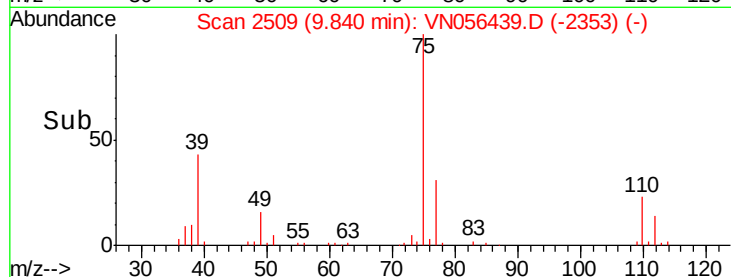
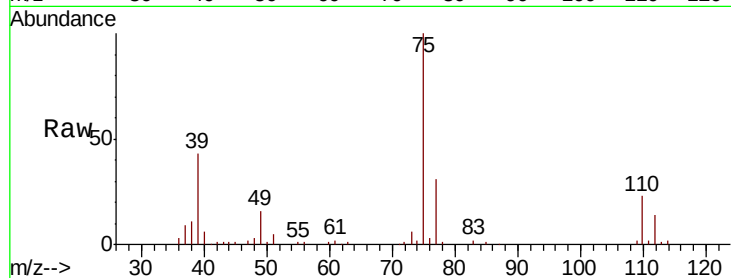


#49

cis-1,3-Dichloropropene
 Concen: 20.652 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

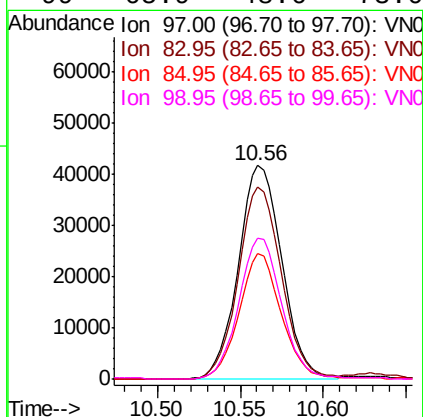
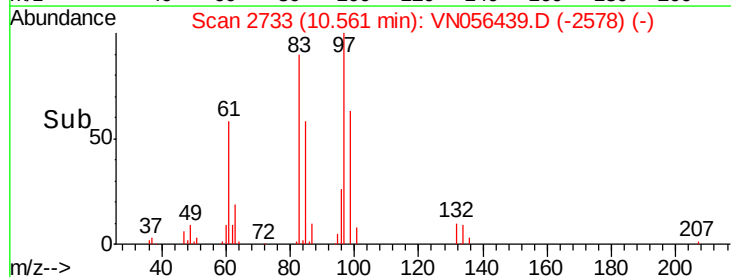
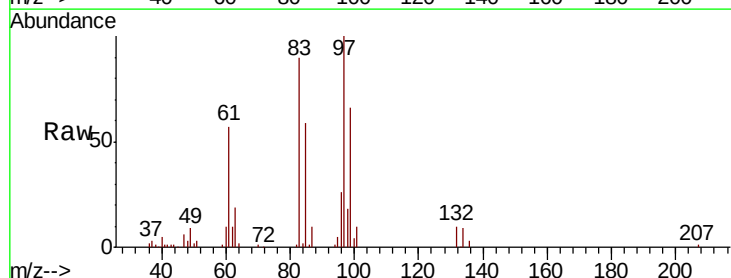
Tot Ion: 75 Resp: 113081
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.1 37.7
 39 43.1 34.3 51.5

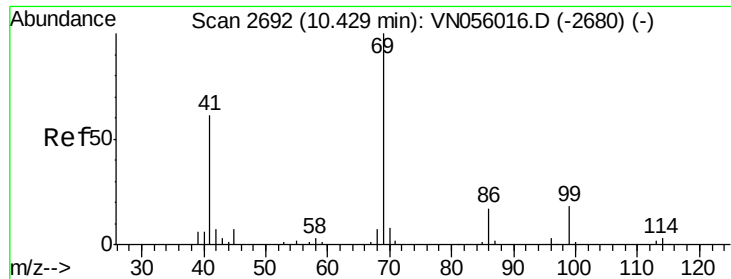


#50

1,1,2-Trichloroethane
 Concen: 20.715 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion: 97 Resp: 76349
 Ion Ratio Lower Upper
 97 100
 83 90.0 66.9 100.3
 85 59.0 43.3 64.9
 99 65.9 48.6 73.0





#51

Ethyl methacrylate

Concen: 20.677 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

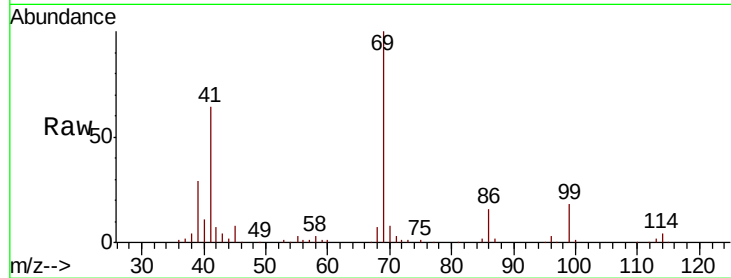
Tot Ion: 69 Resp: 115295

Ion Ratio Lower Upper

69 100

41 63.7 30.8 92.3

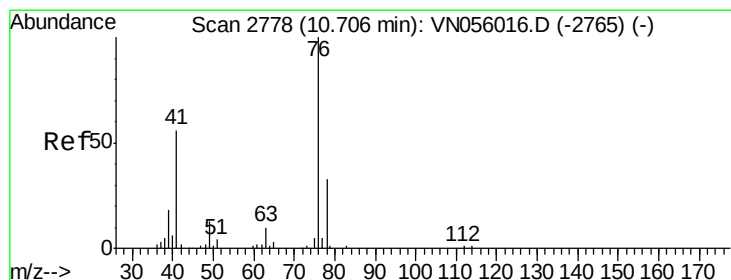
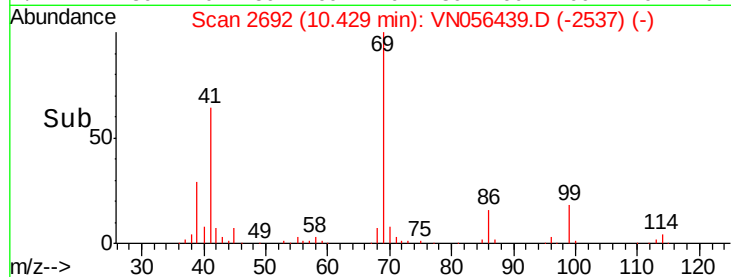
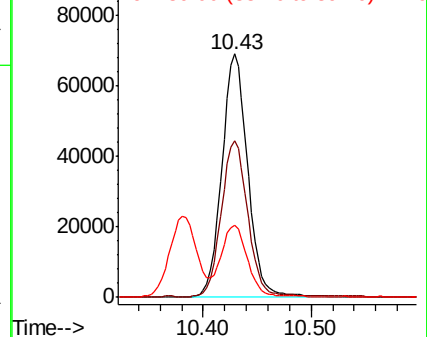
39 29.1 14.5 43.6



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 21.986 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056439.D

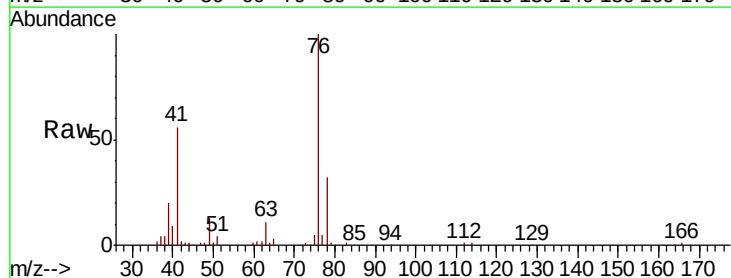
Acq: 21 Jun 2019 20:20

Tgt Ion: 76 Resp: 131372

Ion Ratio Lower Upper

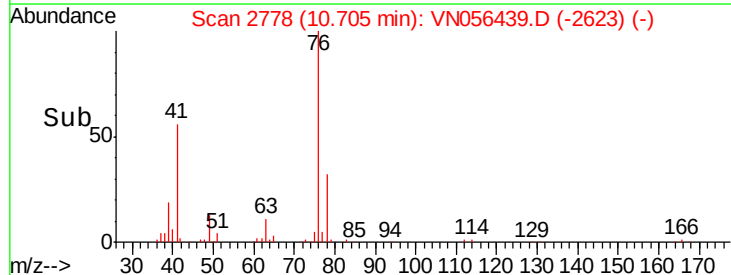
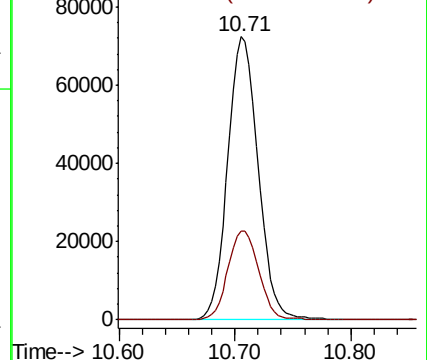
76 100

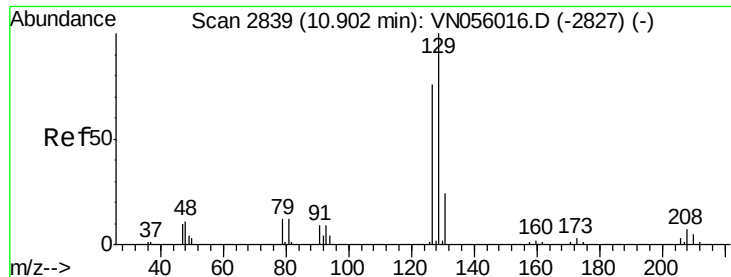
78 32.1 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.214 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

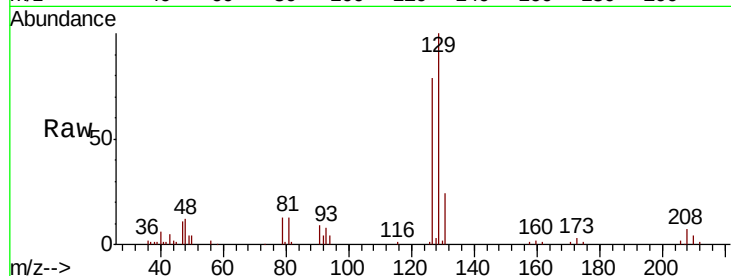
VSTDCCC020EC

Tot Ion:129 Resp: 69322

Ion Ratio Lower Upper

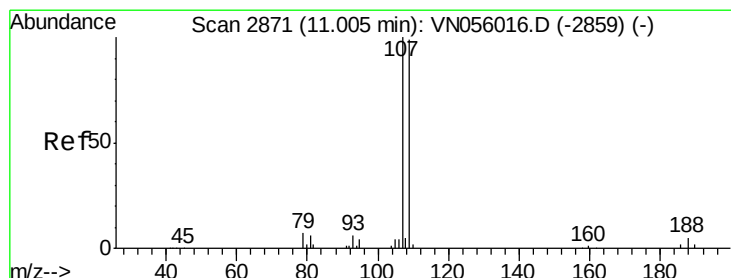
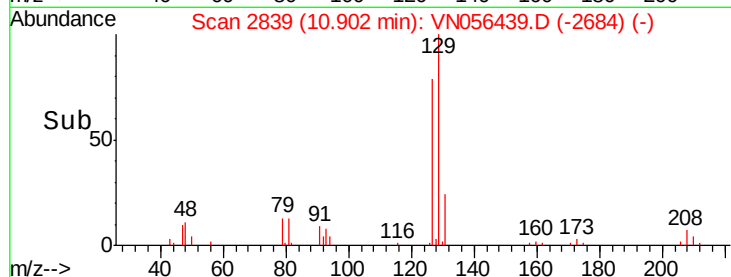
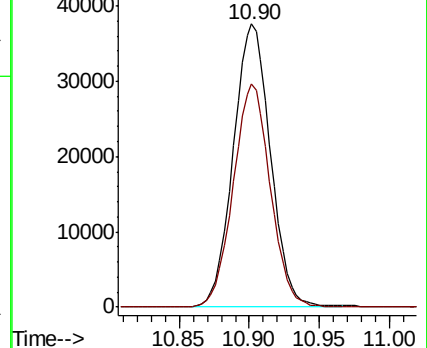
129 100

127 78.3 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.162 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN056439.D

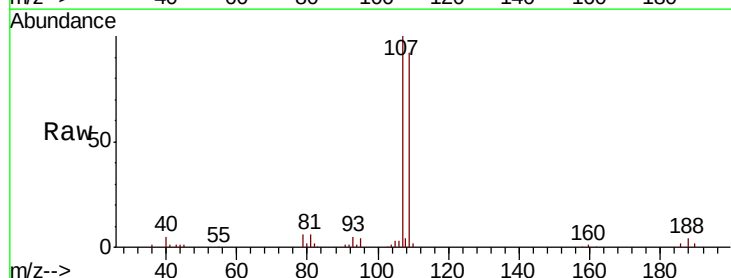
Acq: 21 Jun 2019 20:20

Tgt Ion:107 Resp: 81390

Ion Ratio Lower Upper

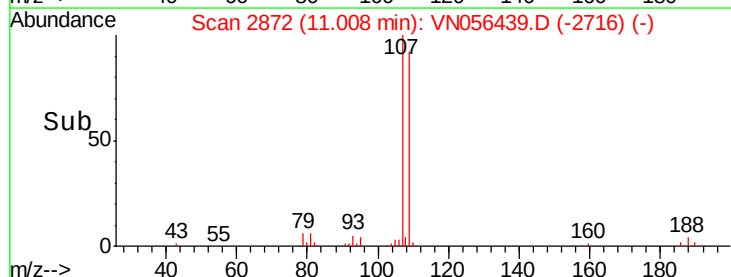
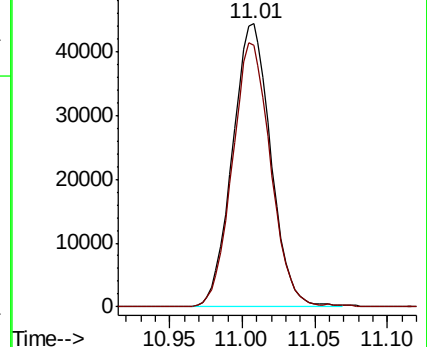
107 100

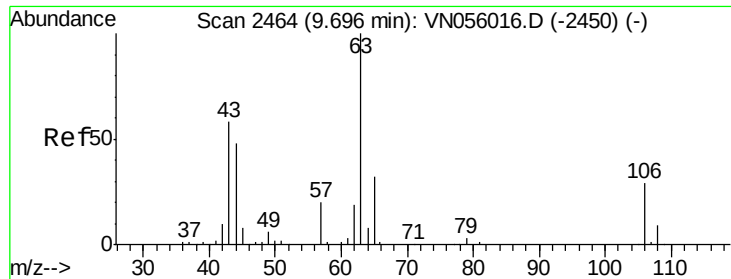
109 92.7 76.8 115.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

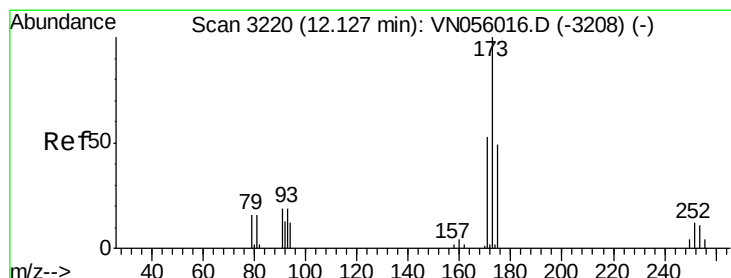
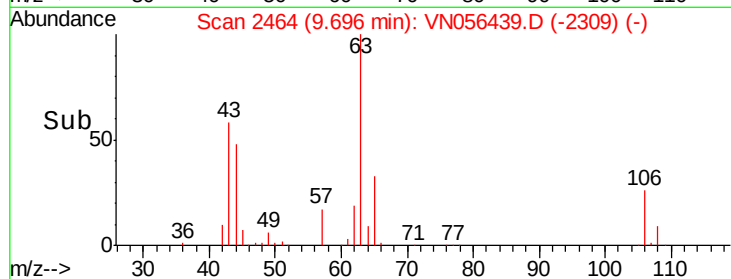
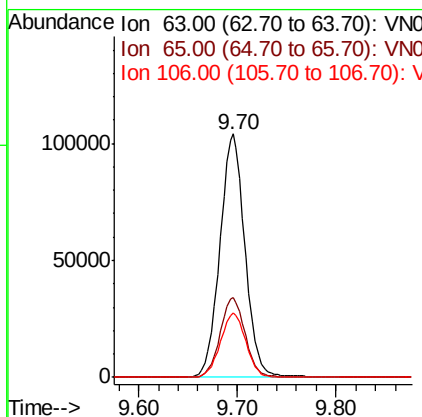
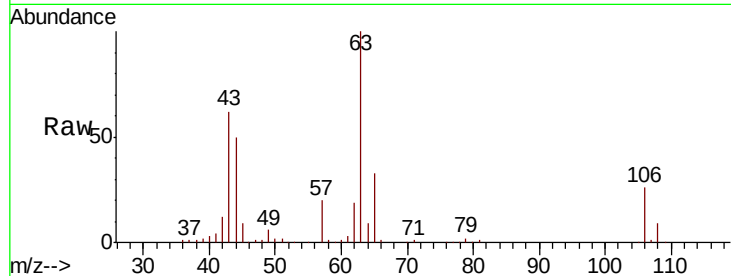




#55
2-Chloroethyl vinyl ether
Concen: 94.974 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

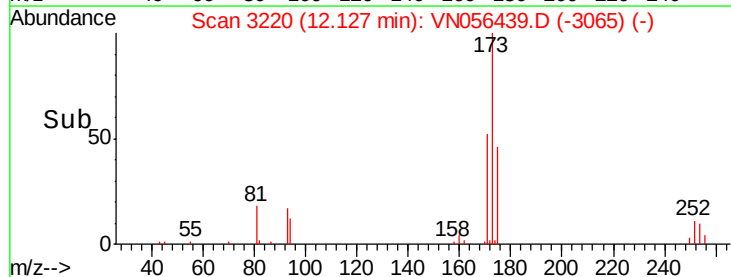
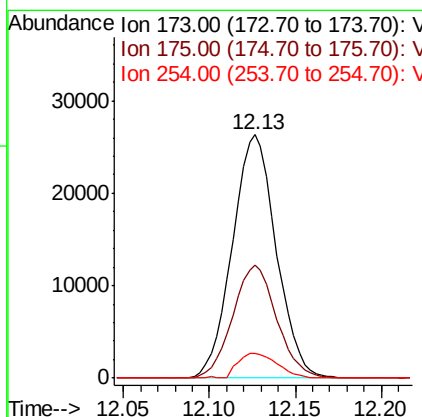
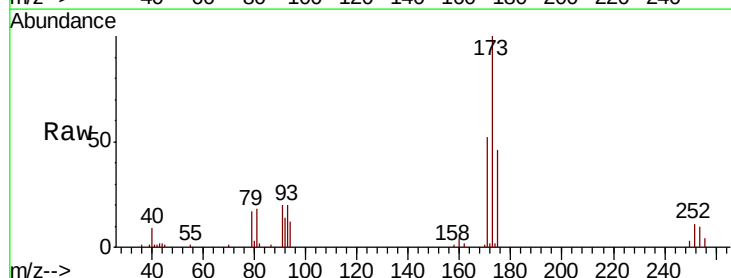
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

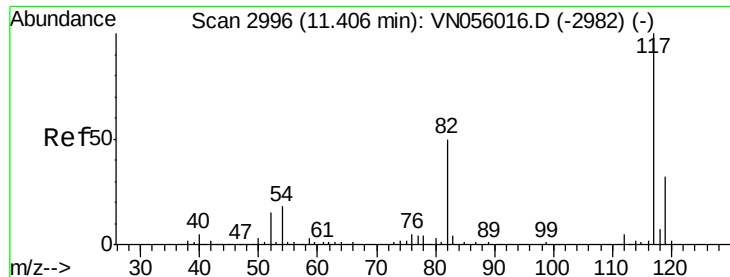
Tot Ion: 63 Resp: 185493
Ion Ratio Lower Upper
63 100
65 32.5 25.5 38.3
106 26.8 23.0 34.4



#56
Bromoform
Concen: 17.849 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion: 173 Resp: 46587
Ion Ratio Lower Upper
173 100
175 46.4 38.7 58.1
254 9.1 6.6 9.8

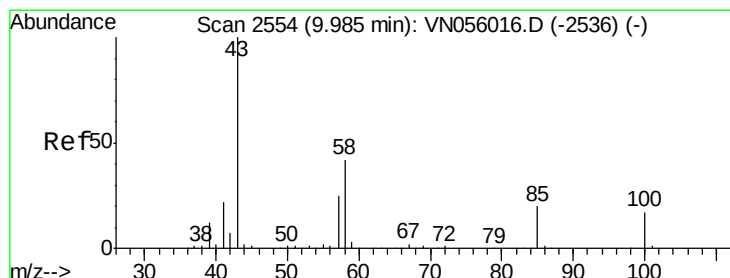
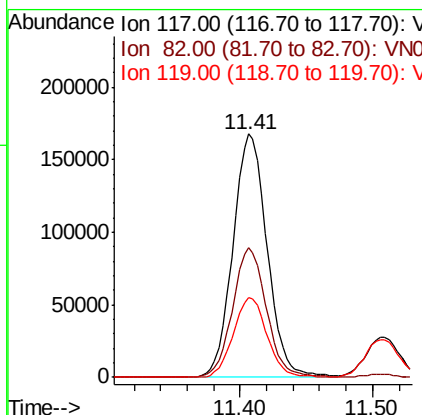
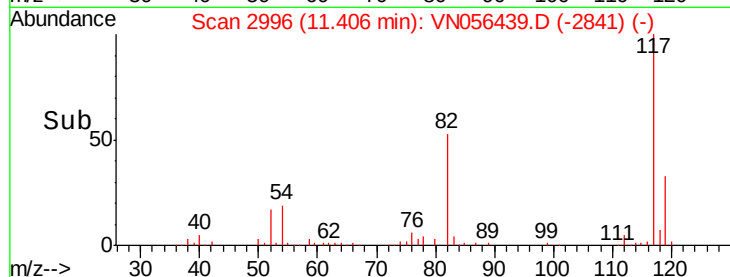
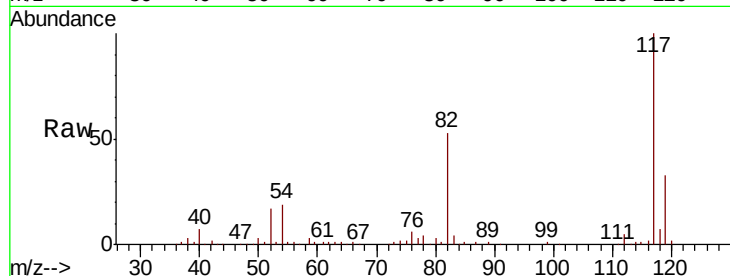




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

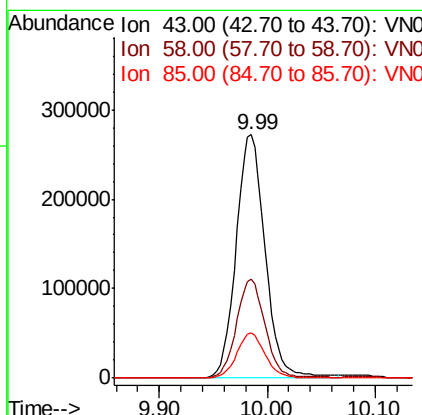
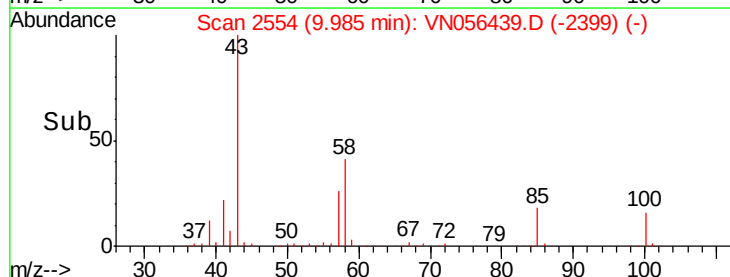
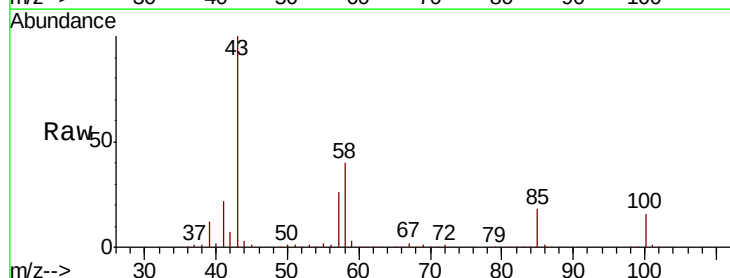
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

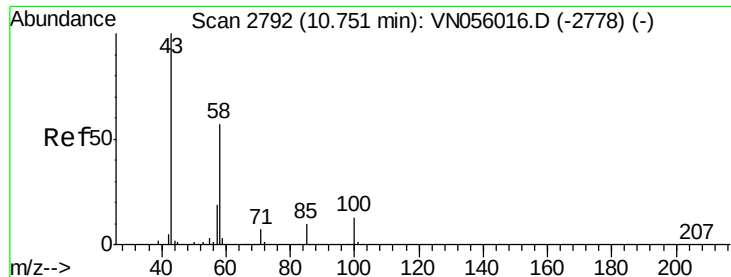
Tot Ion:117 Resp: 300448
Ion Ratio Lower Upper
117 100
82 52.7 41.2 61.8
119 32.4 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 111.828 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion: 43 Resp: 508767
Ion Ratio Lower Upper
43 100
58 40.3 33.1 49.7
85 18.0 15.5 23.3

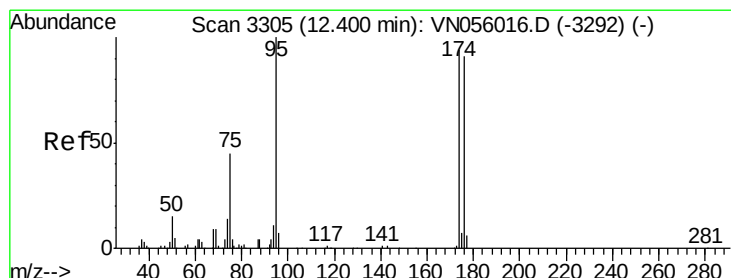
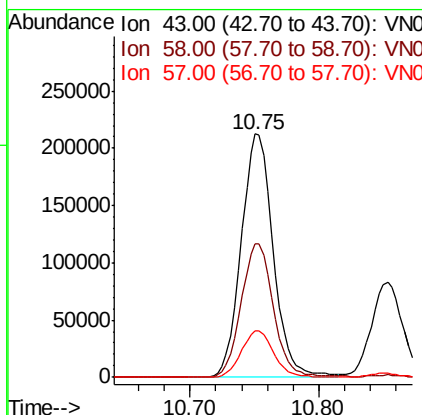
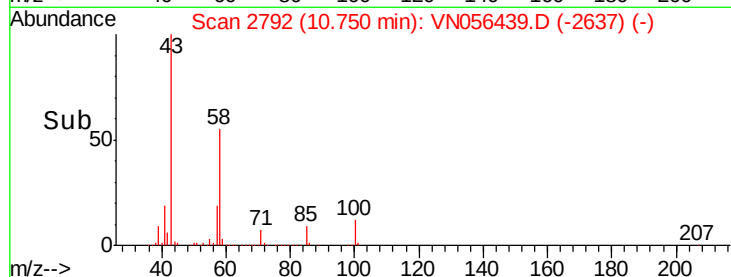
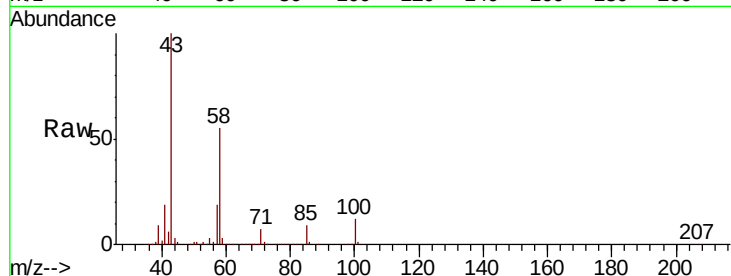




#59
2-Hexanone
Concen: 112.501 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

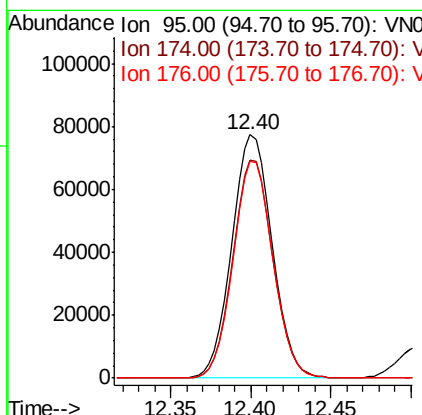
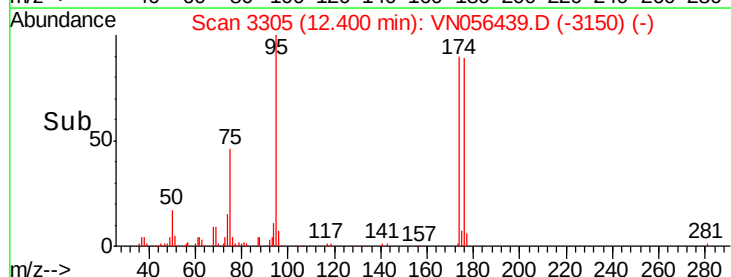
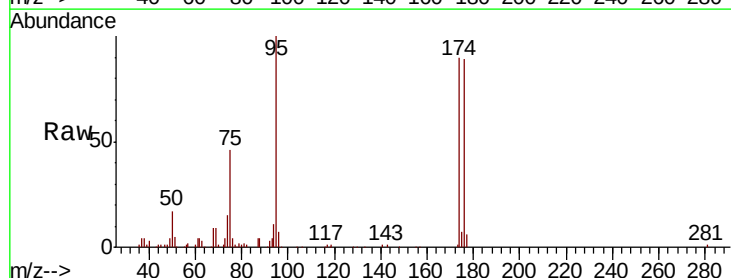
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

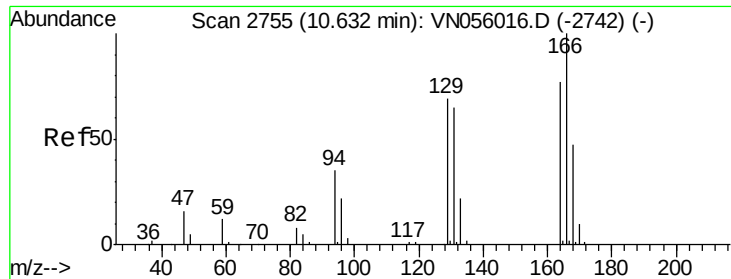
Tot Ion: 43 Resp: 365827
Ion Ratio Lower Upper
43 100
58 55.8 45.3 67.9
57 19.7 15.6 23.4



#60
4-Bromofluorobenzene
Concen: 29.821 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion: 95 Resp: 132799
Ion Ratio Lower Upper
95 100
174 88.8 75.4 113.0
176 87.8 73.9 110.9





#61

Tetrachloroethene

Concen: 19.705 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 82514

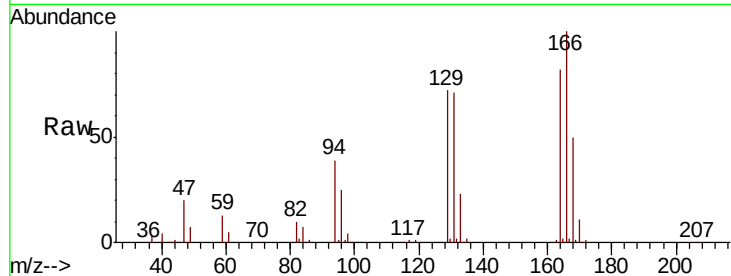
Ion Ratio Lower Upper

164 100

166 122.2 104.3 156.5

129 88.4 71.5 107.3

131 87.1 67.7 101.5

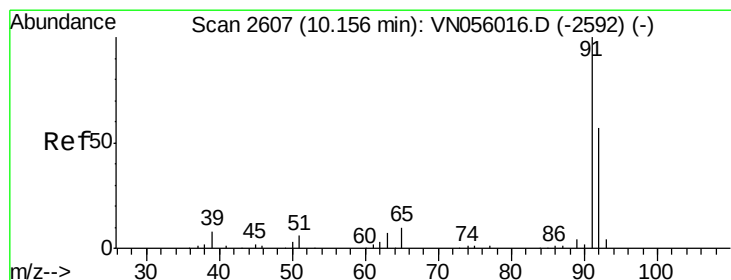
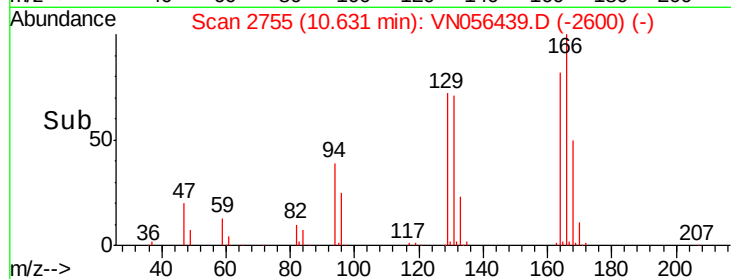
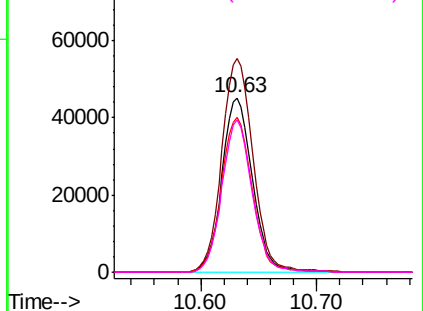


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.405 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056439.D

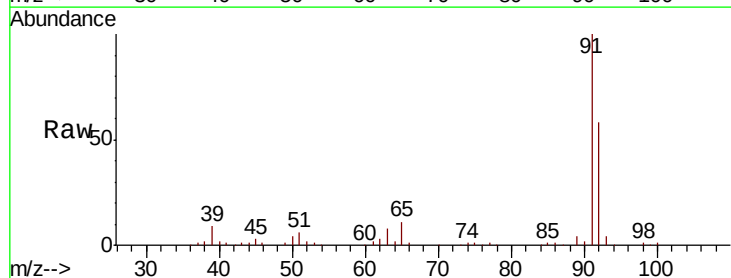
Acq: 21 Jun 2019 20:20

Tgt Ion: 91 Resp: 330958

Ion Ratio Lower Upper

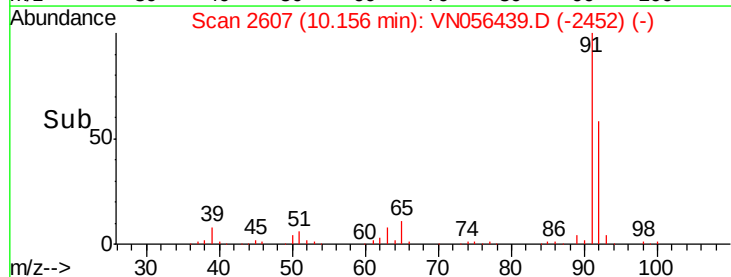
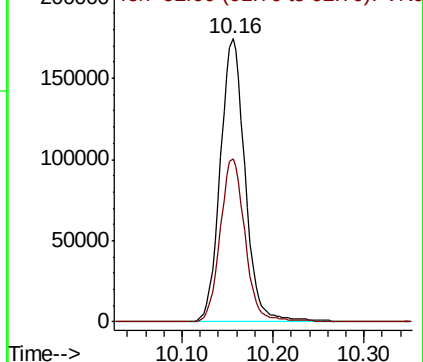
91 100

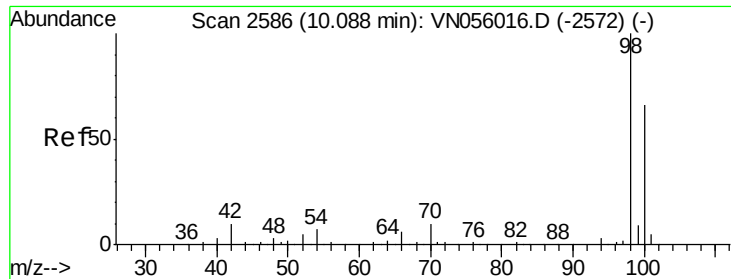
92 58.0 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.504 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

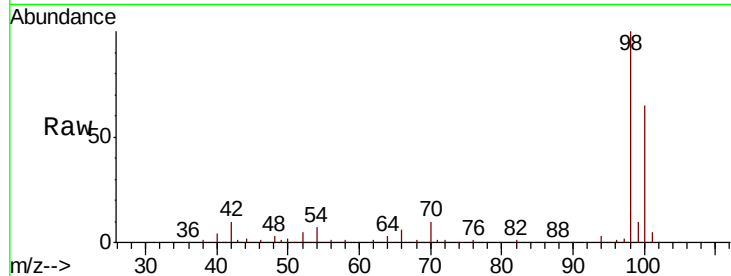
VSTDCCC020EC

Tot Ion: 98 Resp: 415749

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN056016.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN056016.D (-2572) (-)

250000

200000

150000

100000

50000

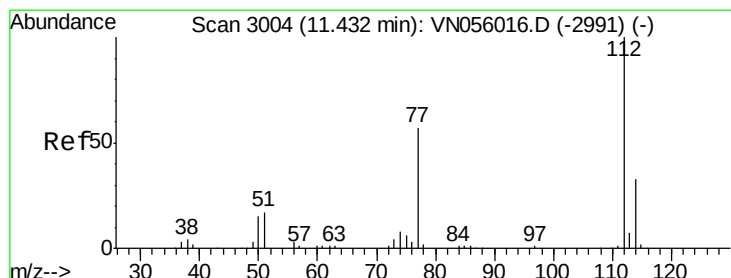
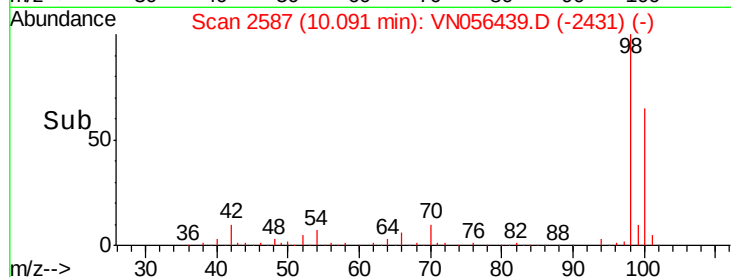
0

10.09

10.10

10.20

Time-->



#64

Chlorobenzene

Concen: 20.657 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056439.D

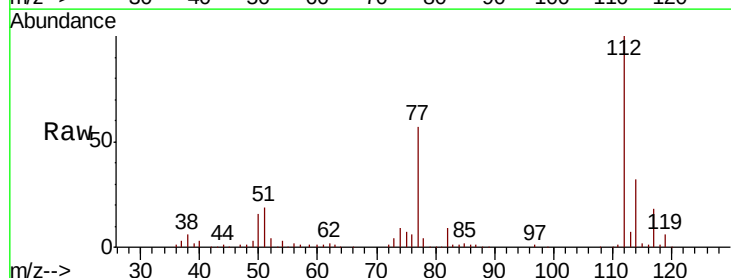
Acq: 21 Jun 2019 20:20

Tgt Ion: 112 Resp: 203223

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): VN056016.D (-2991) (-)

Ion 114.00 (113.70 to 114.70): VN056016.D (-2991) (-)

120000

100000

80000

60000

40000

20000

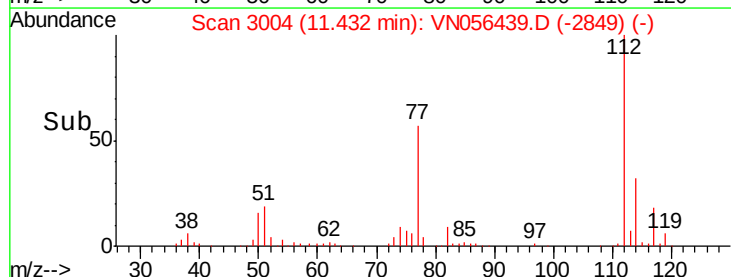
0

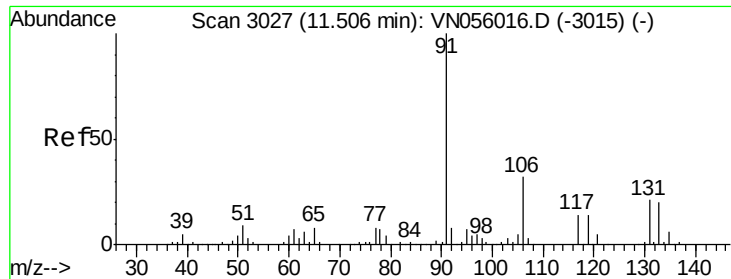
11.43

11.40

11.50

Time-->

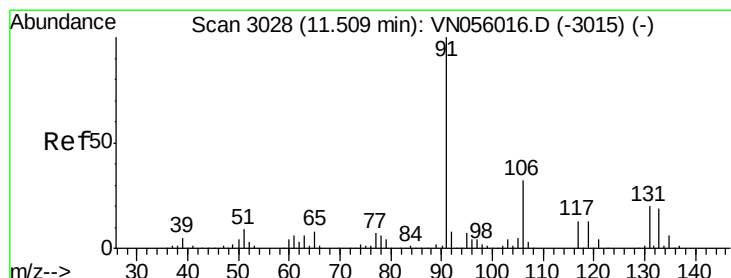
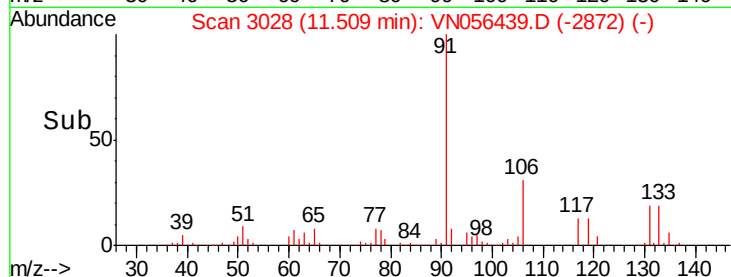
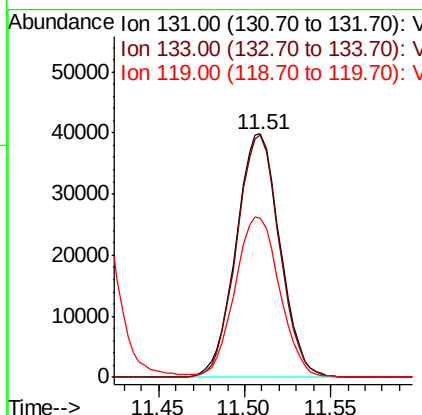
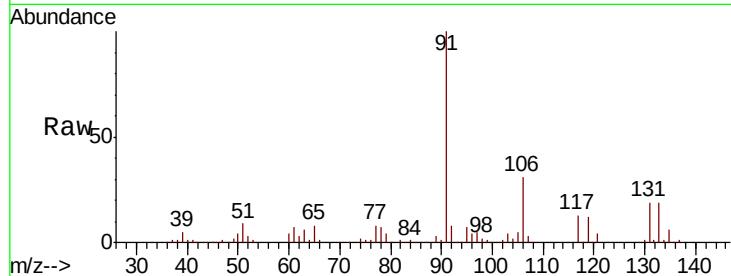




#65
1,1,1,2-Tetrachloroethane
Concen: 19.913 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

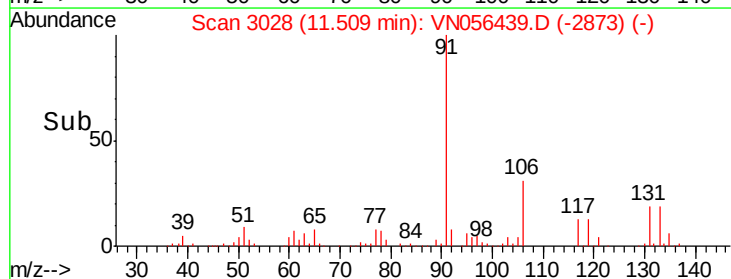
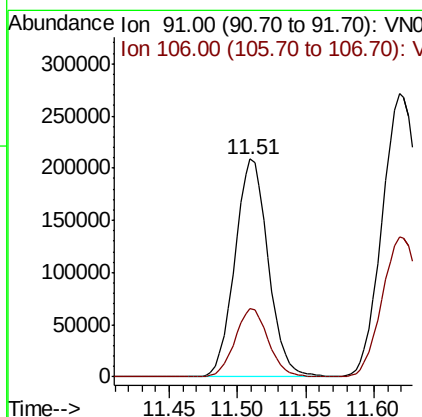
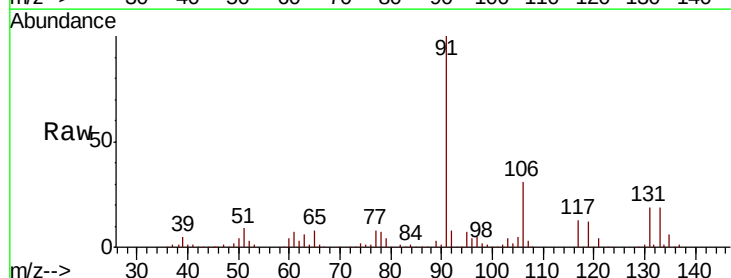
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

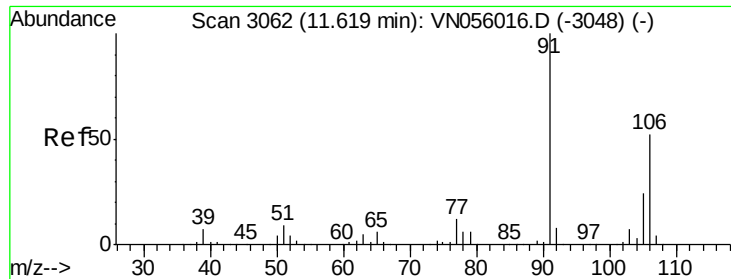
Tot Ion:131 Resp: 70642
Ion Ratio Lower Upper
131 100
133 97.1 0.0 193.8
119 67.0 0.0 134.4



#66
Ethyl Benzene
Concen: 20.517 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion: 91 Resp: 354428
Ion Ratio Lower Upper
91 100
106 31.4 25.7 38.5

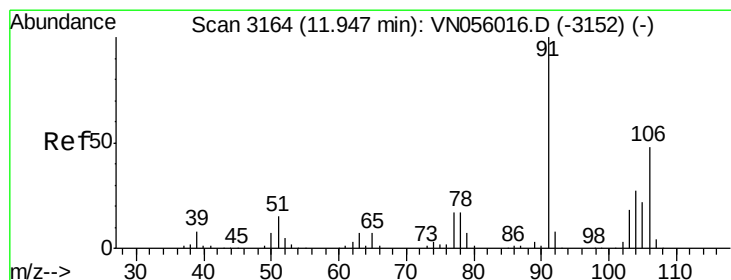
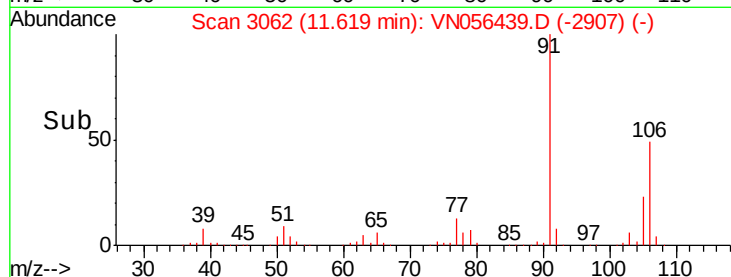
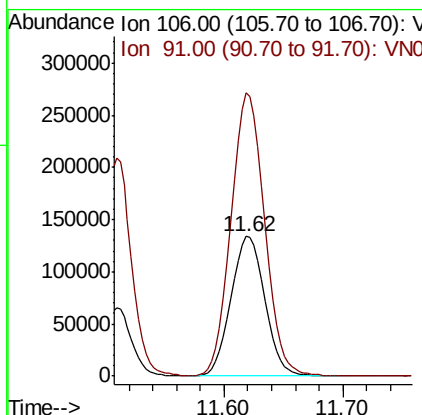
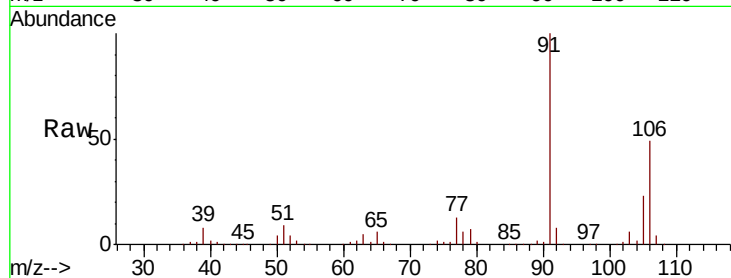




#67
m/p-Xylenes
Concen: 40.074 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

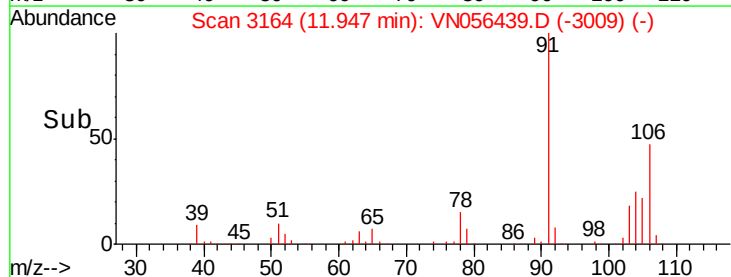
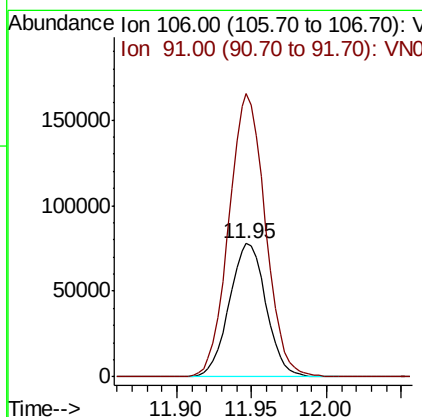
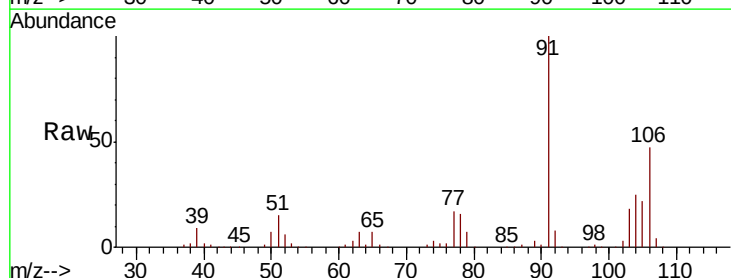
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

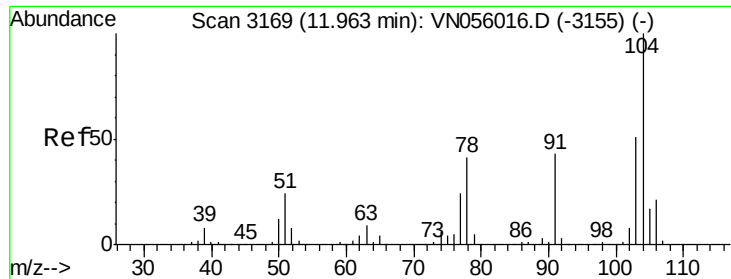
Tot Ion:106 Resp: 264980
Ion Ratio Lower Upper
106 100
91 200.3 155.7 233.5



#68
o-Xylene
Concen: 20.576 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion:106 Resp: 133200
Ion Ratio Lower Upper
106 100
91 210.6 103.9 311.7

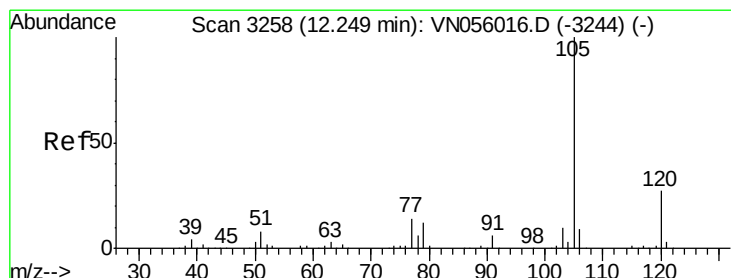
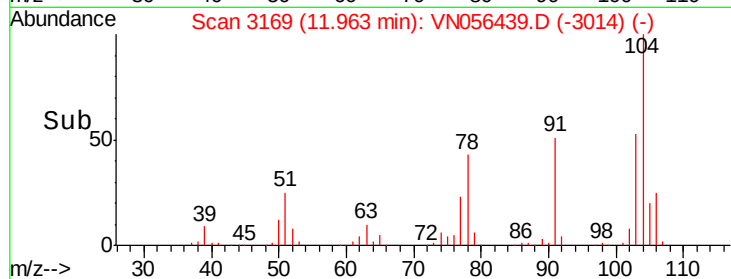
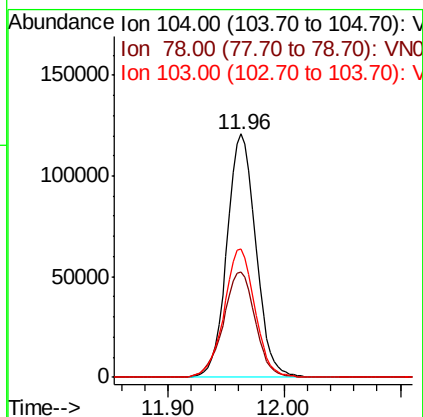
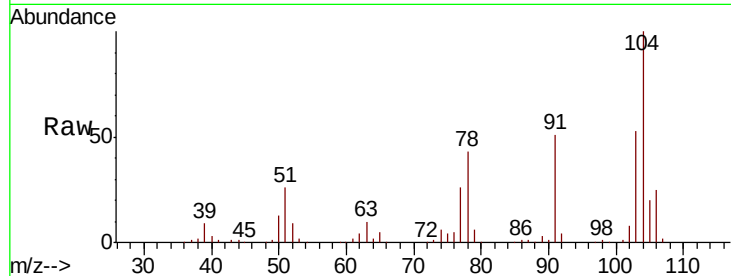




#69
Stvrene
Concen: 19.801 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

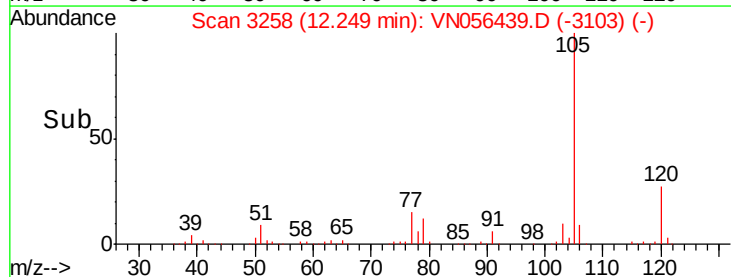
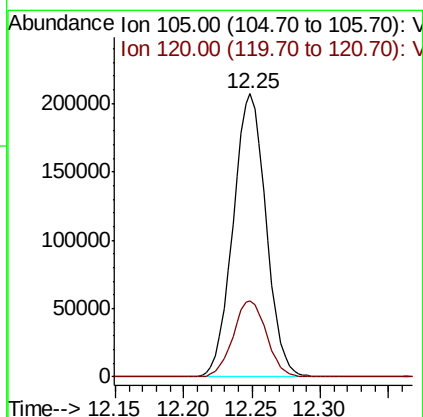
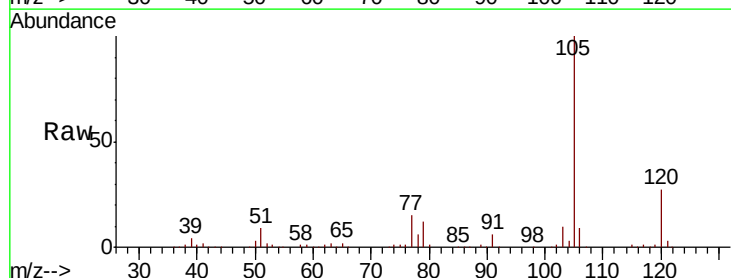
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

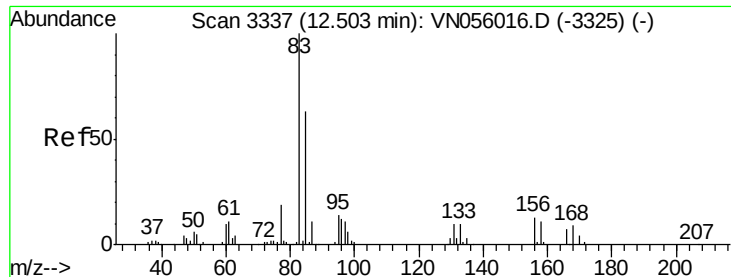
Tot Ion:104 Resp: 208253
Ion Ratio Lower Upper
104 100
78 48.0 37.0 55.6
103 56.2 44.4 66.6



#70
Isopropylbenzene
Concen: 20.506 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion:105 Resp: 346827
Ion Ratio Lower Upper
105 100
120 27.3 19.3 35.8

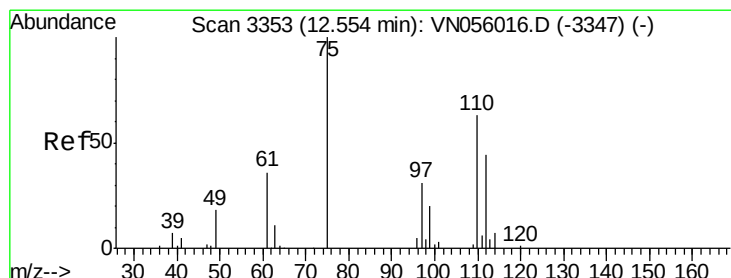
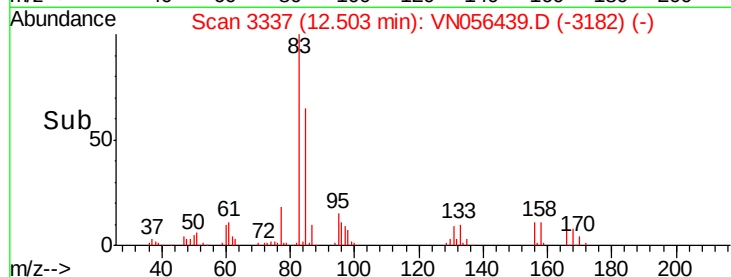
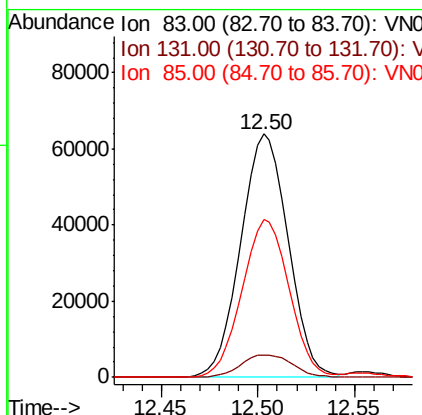
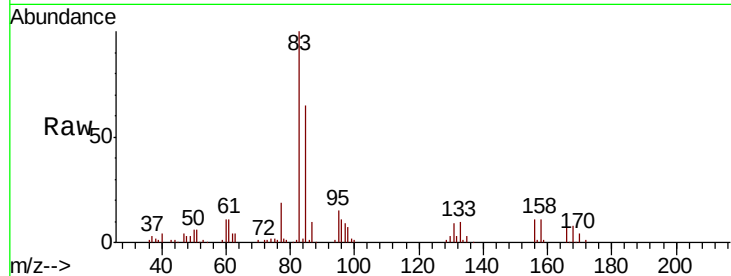




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.411 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

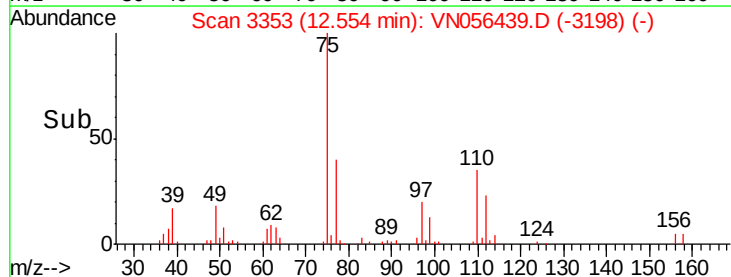
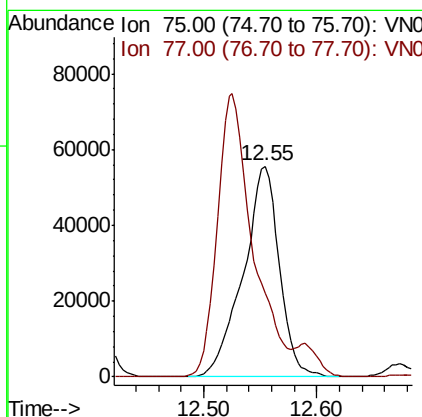
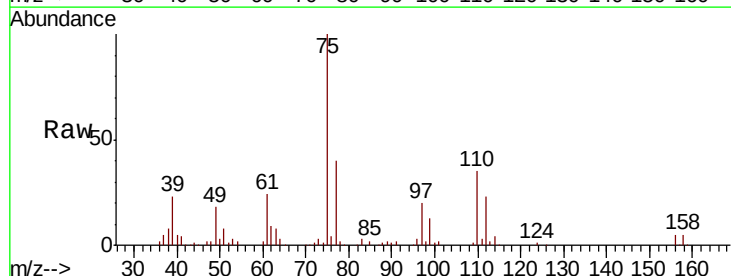
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

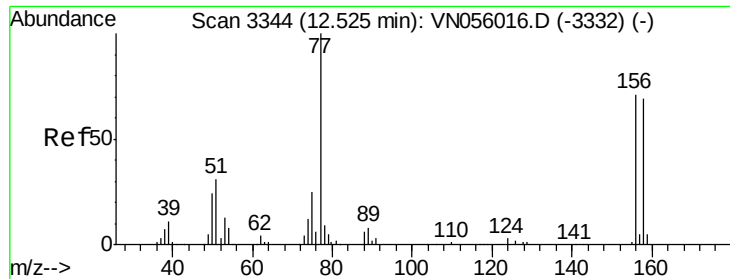
Tot Ion: 83 Resp: 109182
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.2 15.6
 85 64.5 31.6 94.7



#72
 1,2,3-Trichloropropane
 Concen: 28.019 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion: 75 Resp: 123689
 Ion Ratio Lower Upper
 75 100
 77 131.9 0.0 350.0





#73

Bromobenzene

Concen: 19.757 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

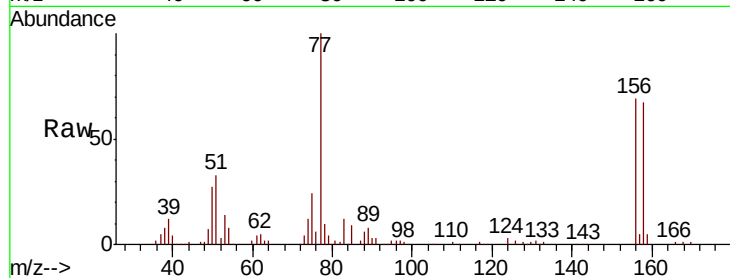
Tot Ion:156 Resp: 88696

Ion Ratio Lower Upper

156 100

77 184.0 0.0 350.8

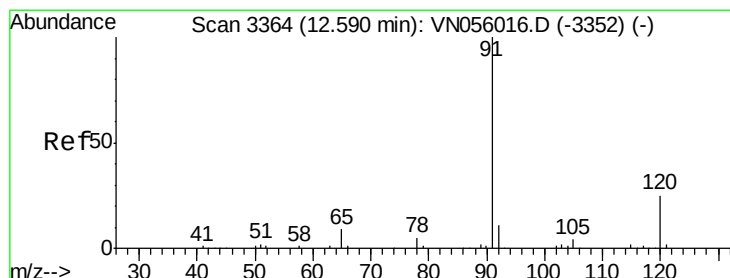
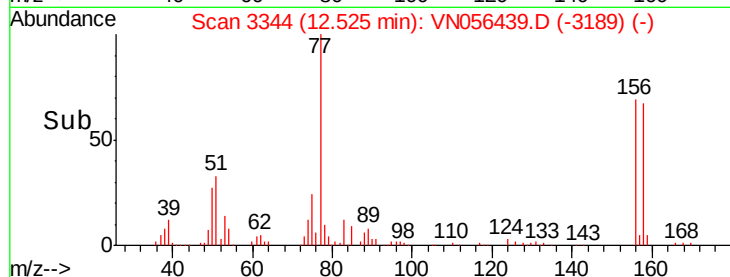
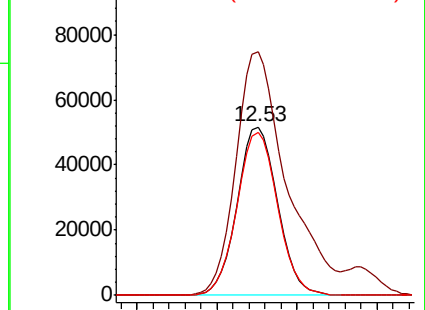
158 97.6 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.262 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056439.D

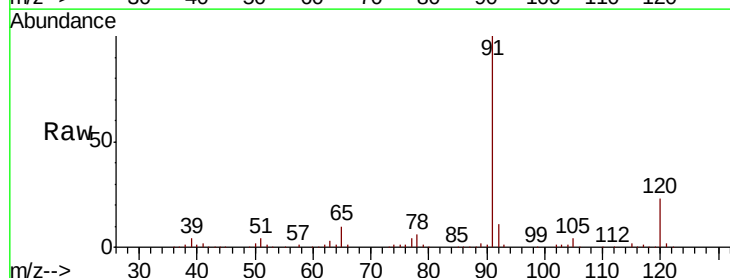
Acq: 21 Jun 2019 20:20

Tgt Ion: 91 Resp: 361653

Ion Ratio Lower Upper

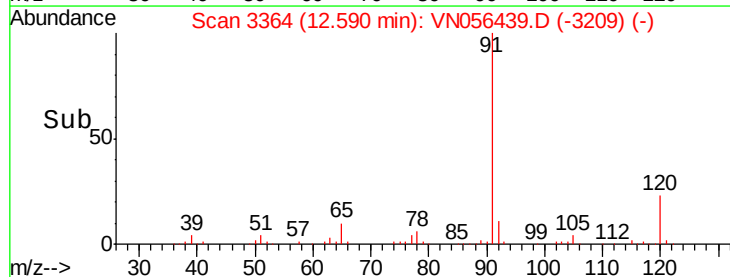
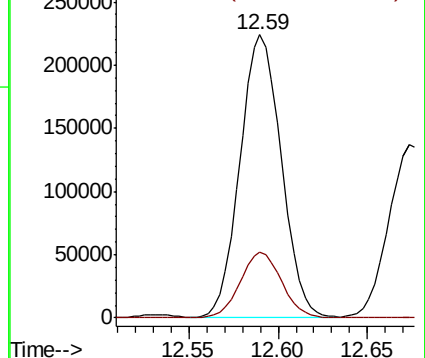
91 100

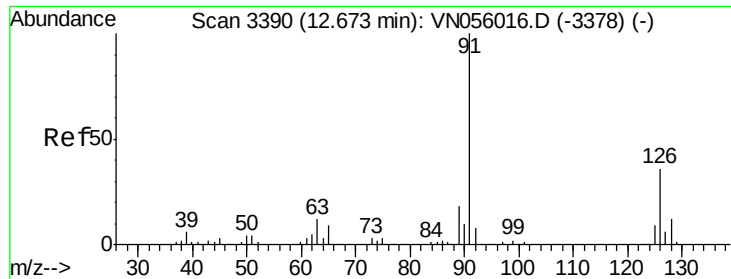
120 23.1 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.805 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

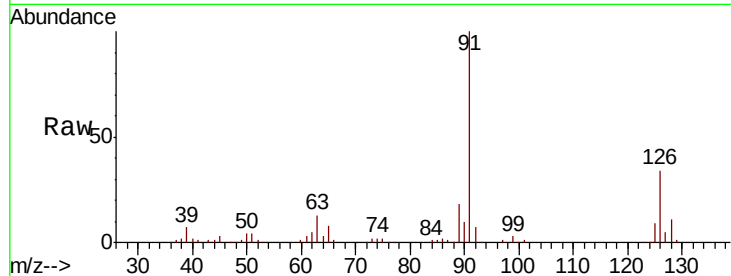
VSTDCCC020EC

Tot Ion: 91 Resp: 230327

Ion Ratio Lower Upper

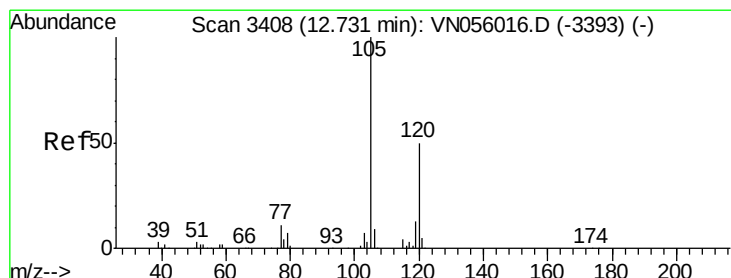
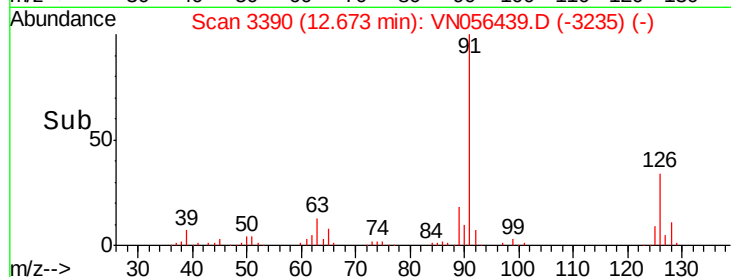
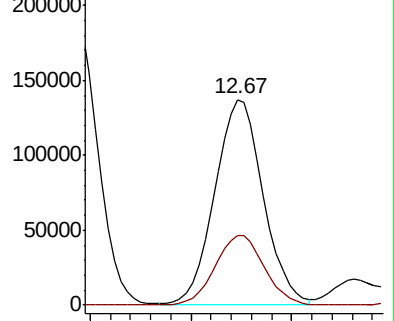
91 100

126 34.5 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VN056016.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN056016.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.120 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056439.D

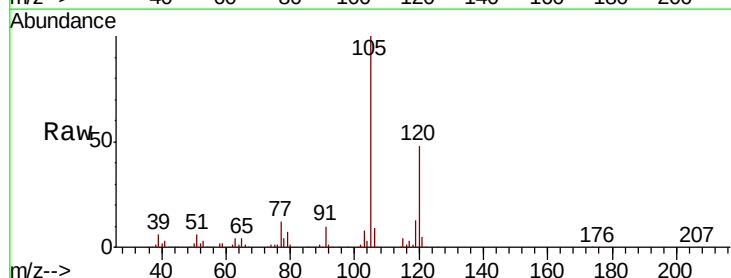
Acq: 21 Jun 2019 20:20

Tgt Ion:105 Resp: 279913

Ion Ratio Lower Upper

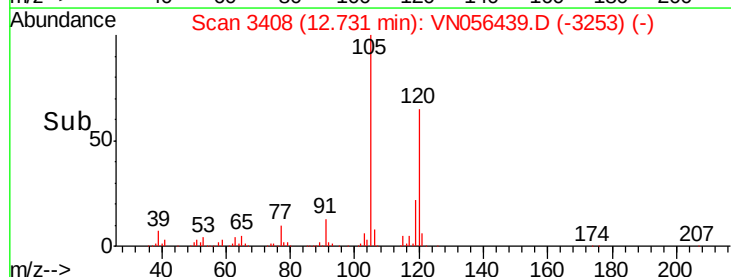
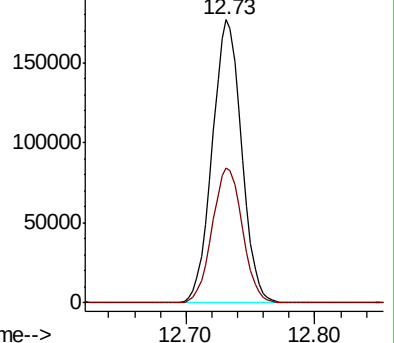
105 100

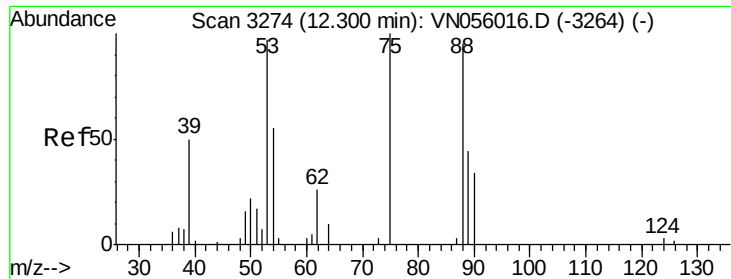
120 49.1 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VN056016.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN056016.D (-3393) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.682 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

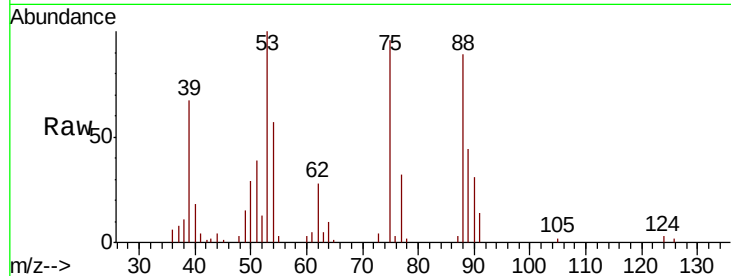
Tot Ion: 75 Resp: 22272

Ion Ratio Lower Upper

75 100

53 104.6 48.0 144.0

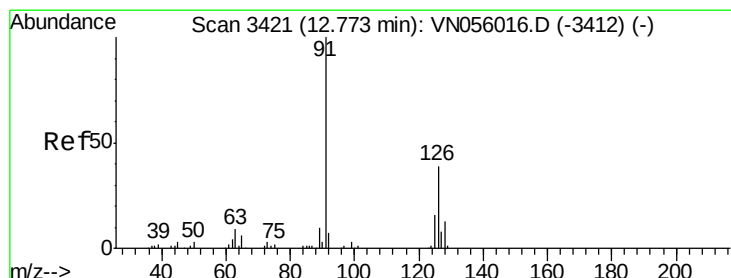
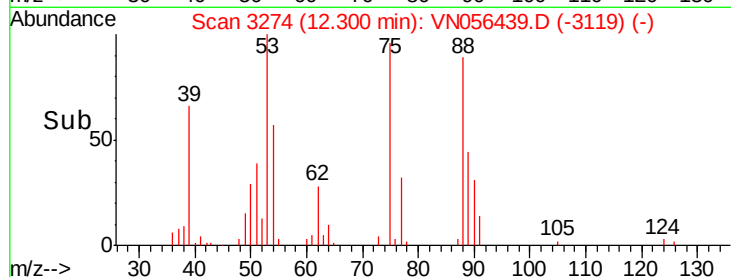
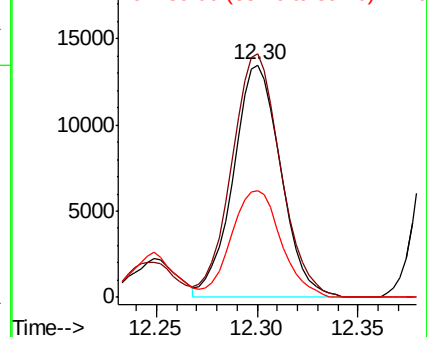
89 46.0 22.5 67.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.842 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056439.D

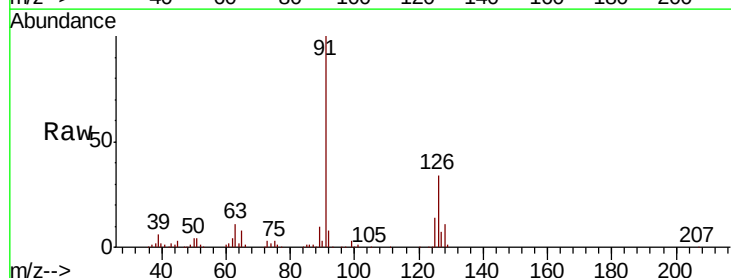
Acq: 21 Jun 2019 20:20

Tgt Ion: 91 Resp: 205153

Ion Ratio Lower Upper

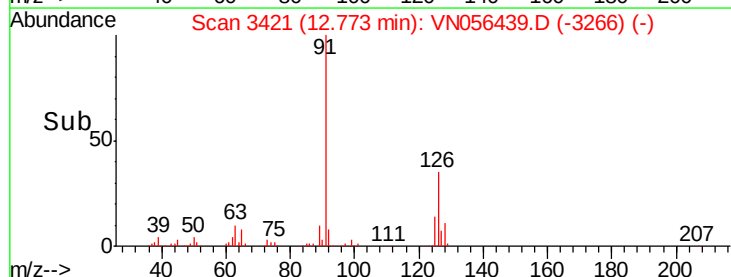
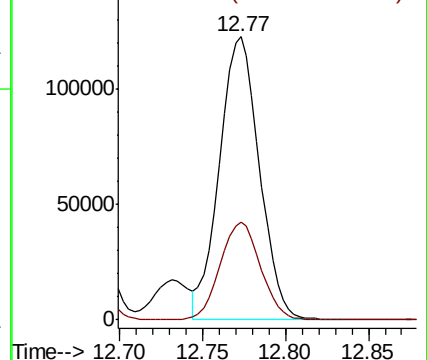
91 100

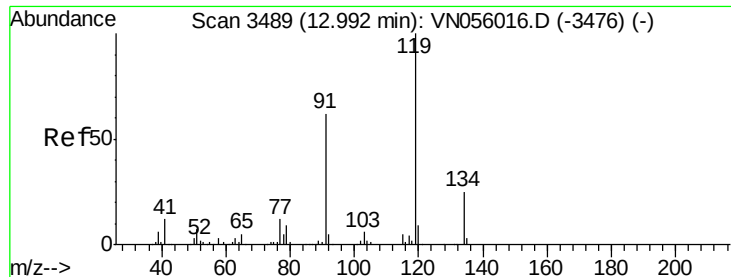
126 35.0 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

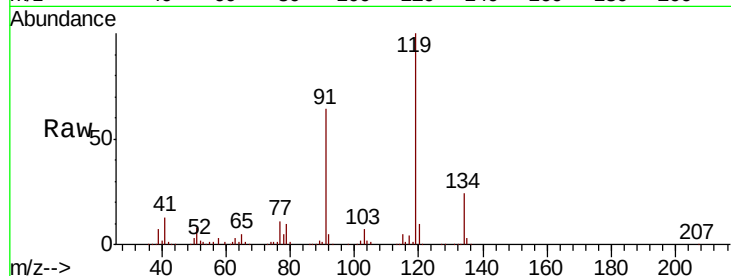




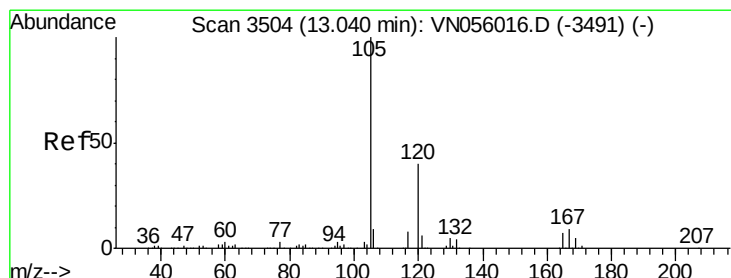
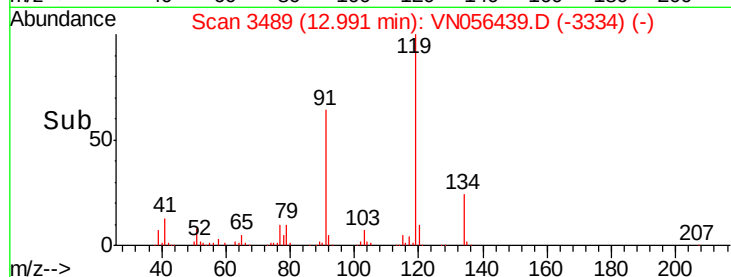
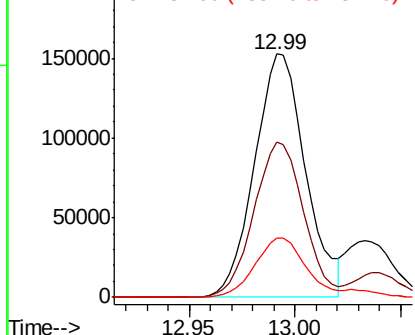
#79
tert-butylbenzene
Concen: 20.891 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:119 Resp: 257492
Ion Ratio Lower Upper
119 100
91 62.0 0.0 122.8
134 24.3 0.0 50.2

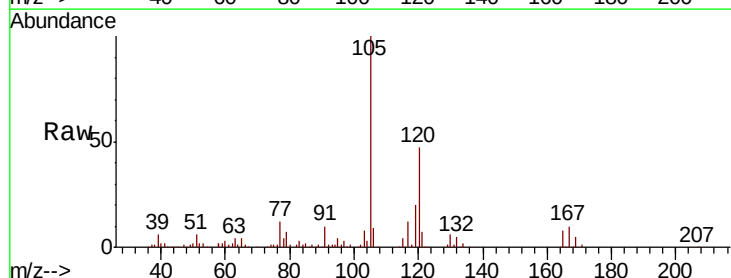


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

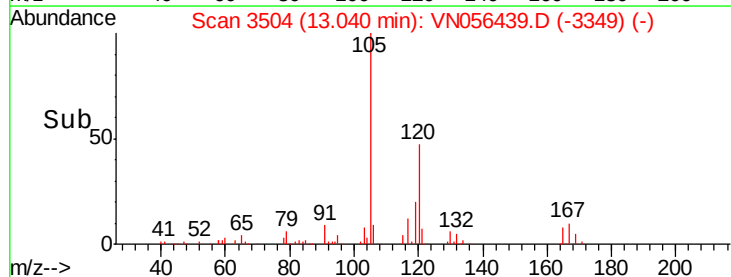
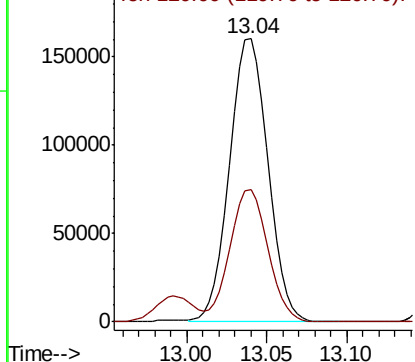


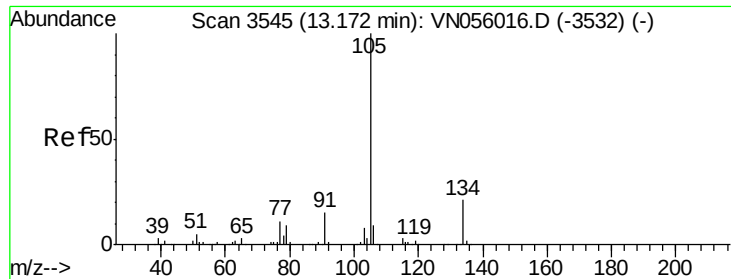
#80
1,2,4-Trimethylbenzene
Concen: 19.386 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion:105 Resp: 262364
Ion Ratio Lower Upper
105 100
120 46.3 0.0 93.4



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





#81

sec-Butylbenzene

Concen: 20.429 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

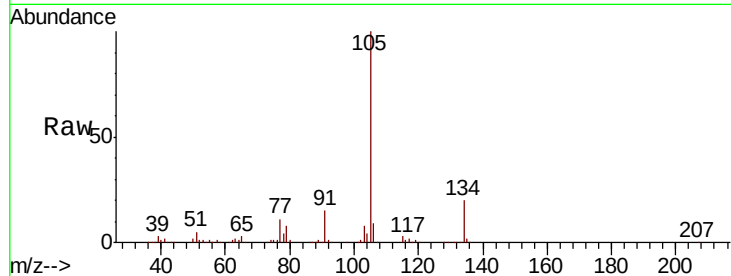
VSTDCCC020EC

Tot Ion:105 Resp: 318533

Ion Ratio Lower Upper

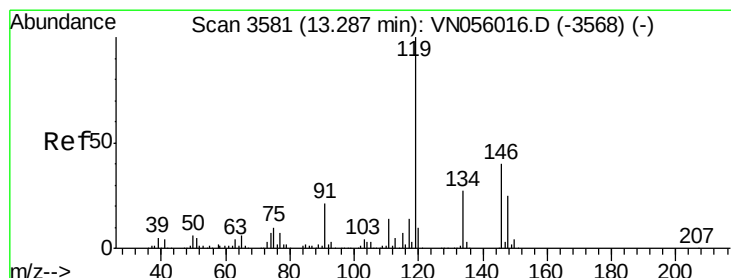
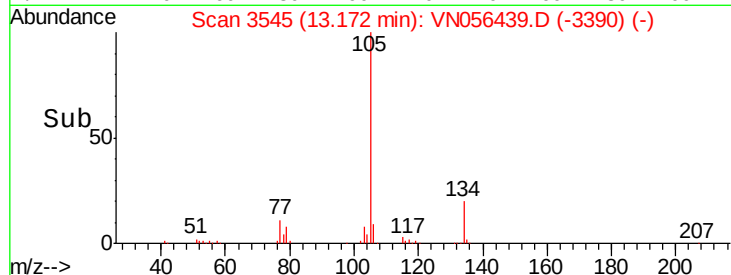
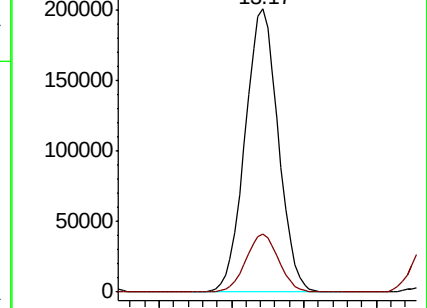
105 100

134 20.4 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.129 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

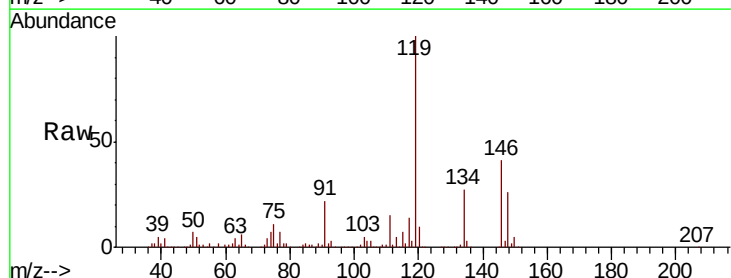
Tgt Ion:119 Resp: 269680

Ion Ratio Lower Upper

119 100

134 27.2 0.0 53.4

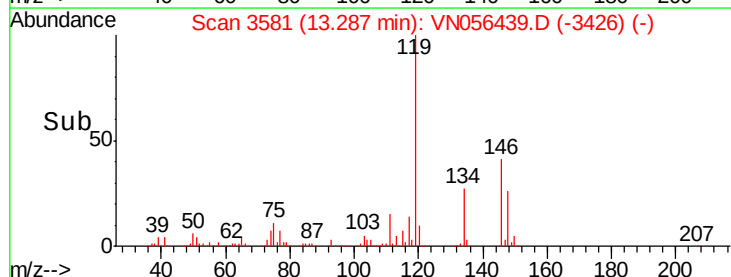
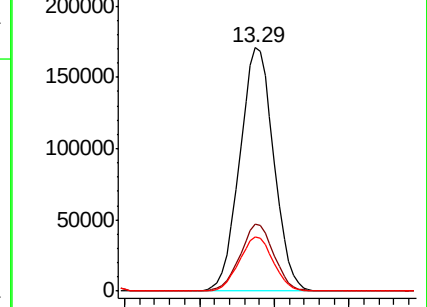
91 22.2 0.0 43.0

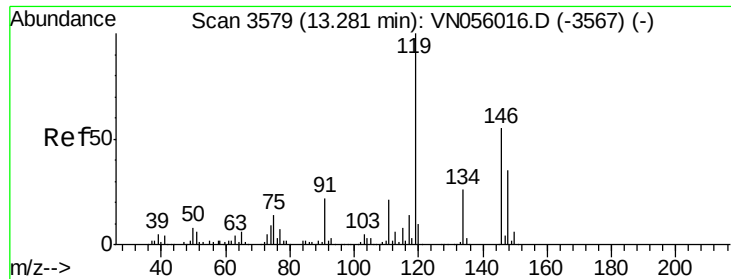


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

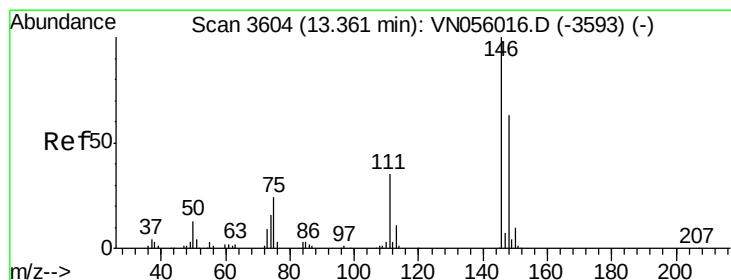
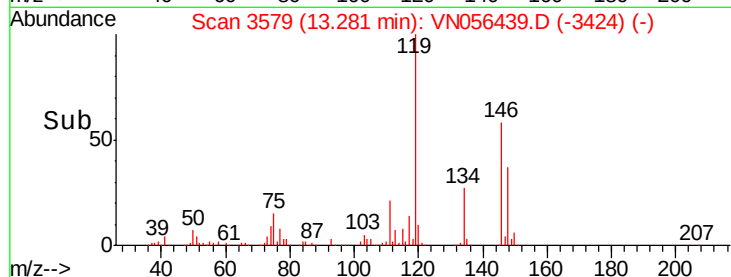
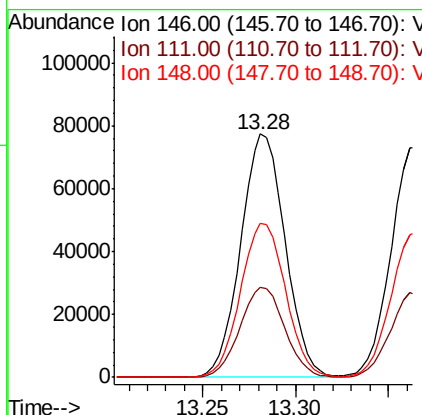
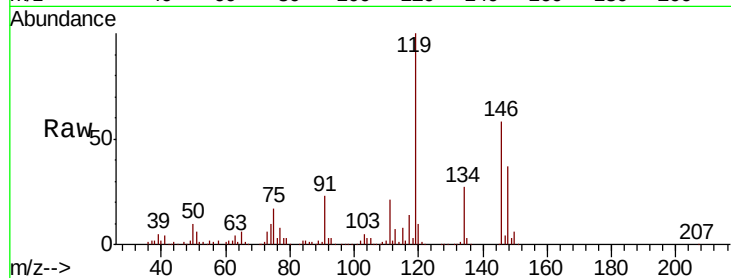




#83
 1,3-Dichlorobenzene
 Concen: 18.483 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

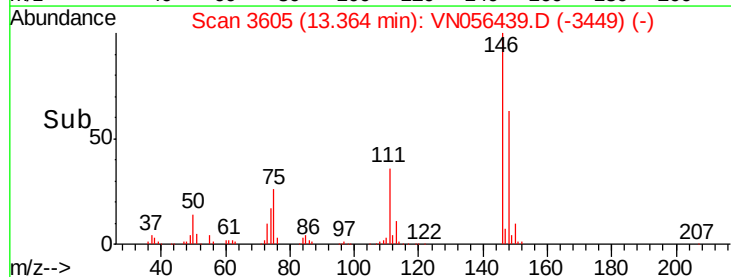
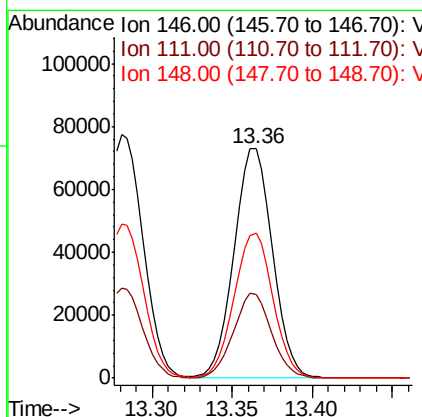
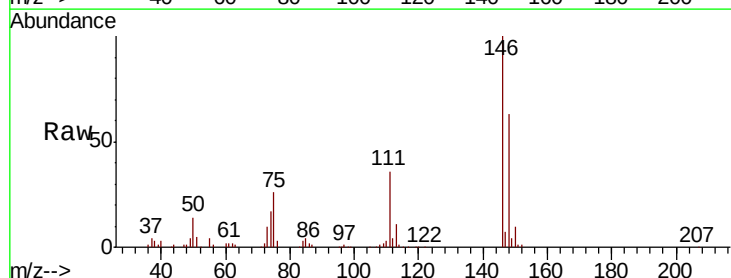
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

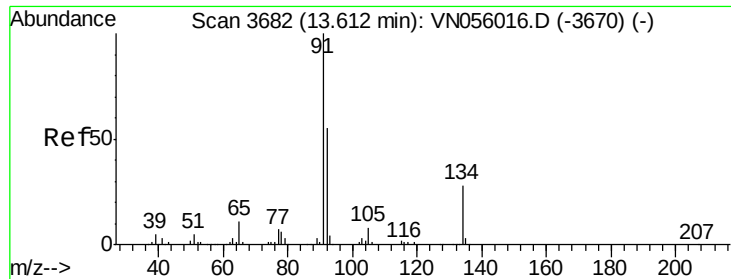
Tot Ion:146 Resp: 129310
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.2 54.6
 148 64.3 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 17.951 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion:146 Resp: 119631
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.6 52.9
 148 63.6 32.1 96.3





#85

n-Butylbenzene

Concen: 17.437 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056439.D

Acq: 21 Jun 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

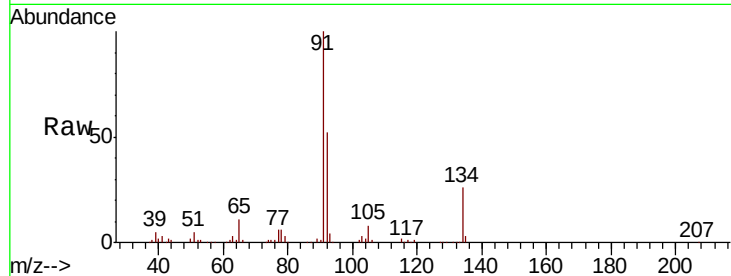
Tot Ion: 91 Resp: 183464

Ion Ratio Lower Upper

91 100

92 52.3 0.0 107.2

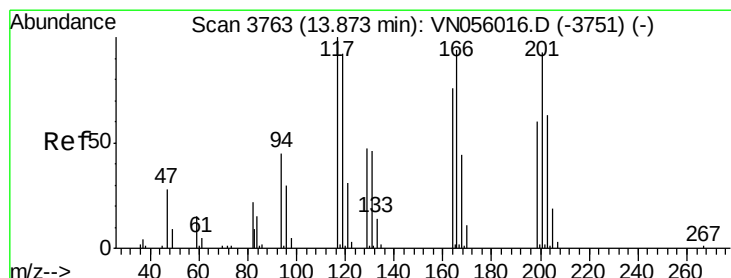
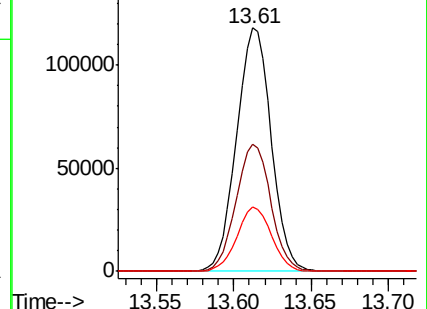
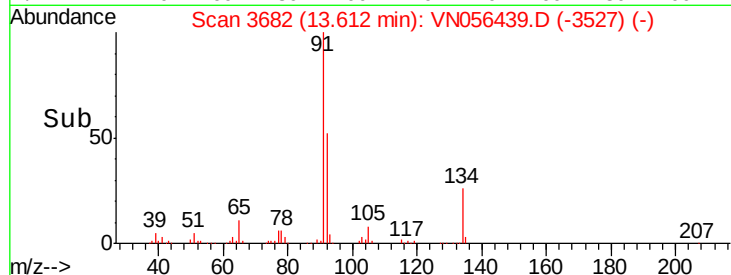
134 26.3 0.0 55.8



Abundance Ion 91.00 (90.70 to 91.70): VN056016.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN056016.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN056016.D (-3670) (-)



#86

Hexachloroethane

Concen: 18.828 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056439.D

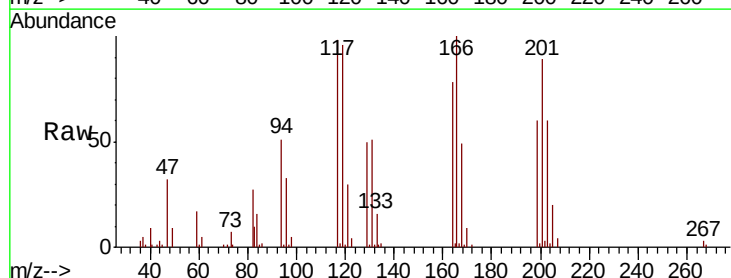
Acq: 21 Jun 2019 20:20

Tgt Ion: 117 Resp: 41380

Ion Ratio Lower Upper

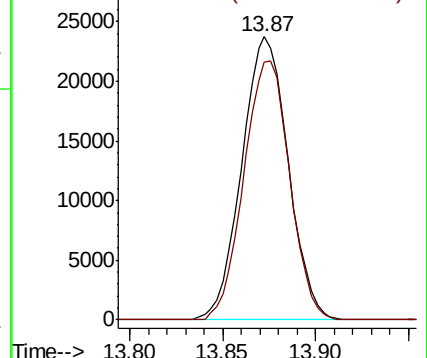
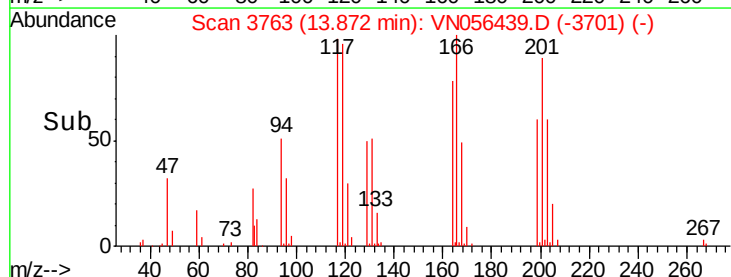
117 100

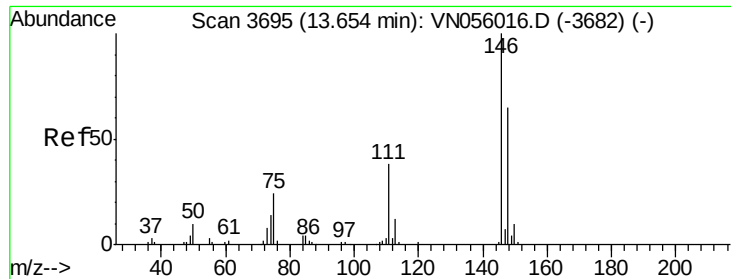
201 90.0 48.1 144.4



Abundance Ion 117.00 (116.70 to 117.70): VN056016.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056016.D (-3751) (-)

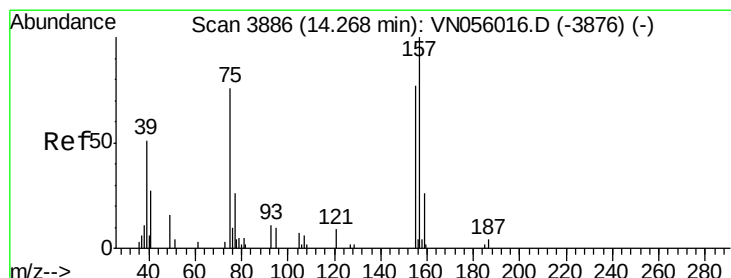
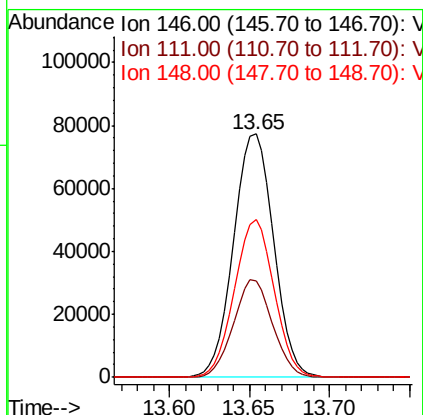
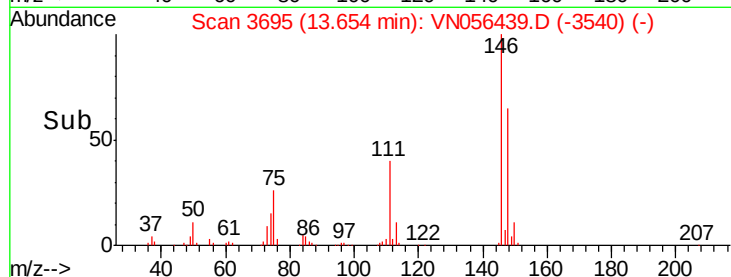
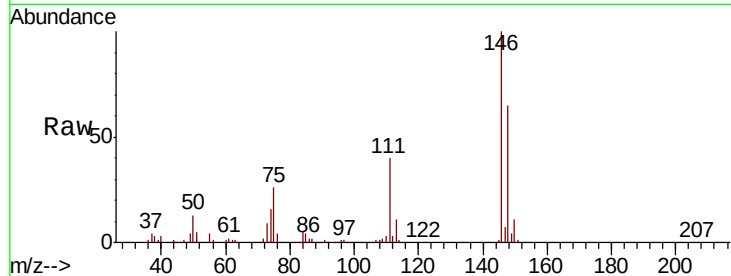




#87
 1,2-Dichlorobenzene
 Concen: 18.577 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

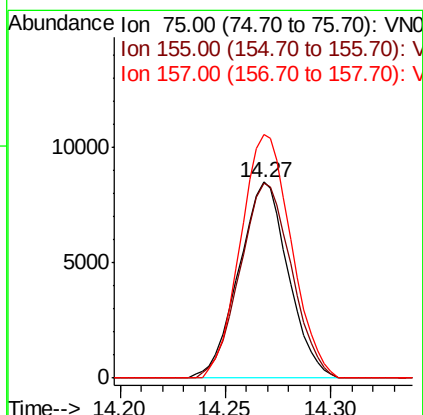
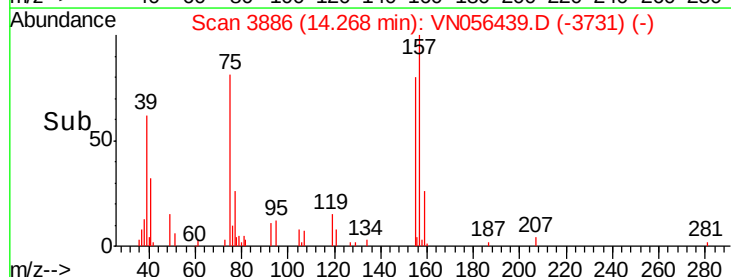
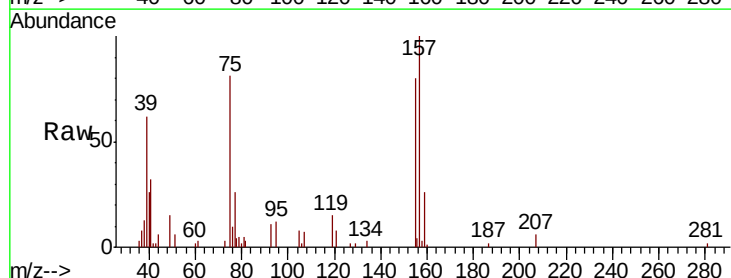
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

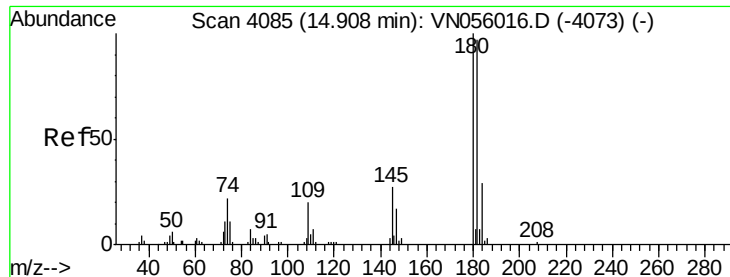
Tot Ion:146 Resp: 132112
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.3 57.9
 148 64.0 32.6 97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.326 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion: 75 Resp: 13869
 Ion Ratio Lower Upper
 75 100
 155 103.2 82.5 123.7
 157 127.4 105.1 157.7

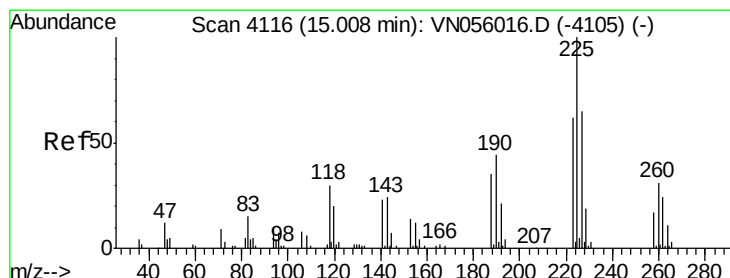
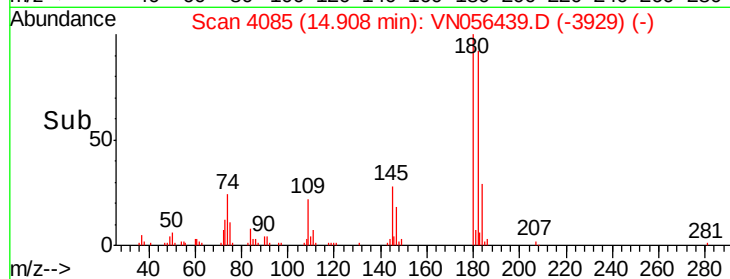
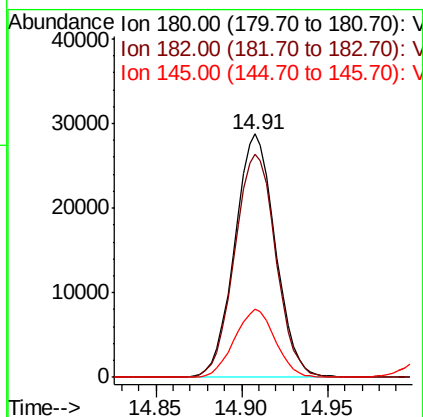
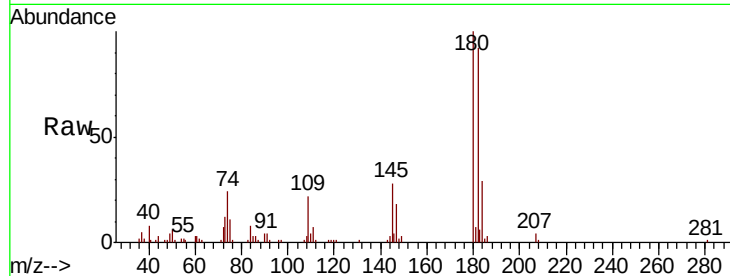




#89
 1,2,4-Trichlorobenzene
 Concen: 18.013 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

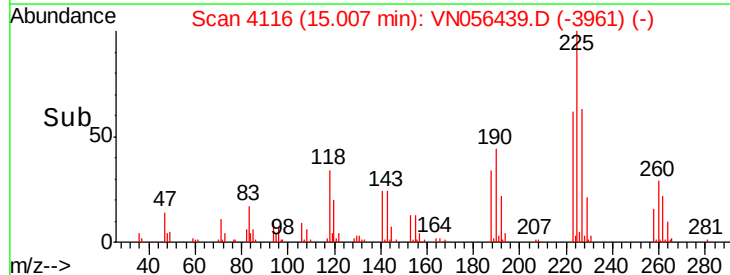
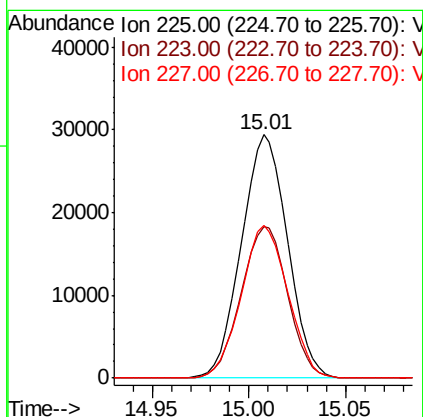
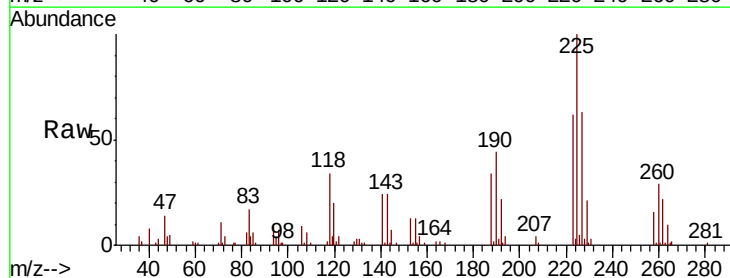
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

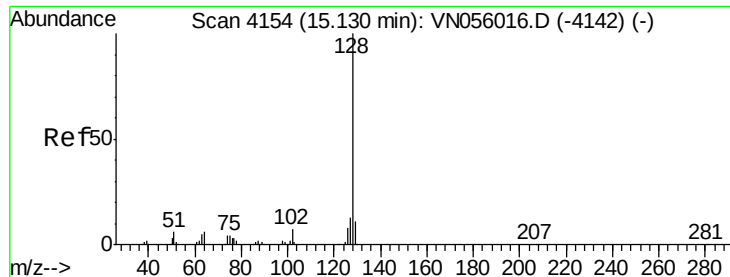
Tot Ion:180 Resp: 47180
 Ion Ratio Lower Upper
 180 100
 182 93.2 75.0 112.6
 145 27.9 22.1 33.1



#90
 Hexachlorobutadiene
 Concen: 18.787 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056439.D
 Acq: 21 Jun 2019 20:20

Tgt Ion:225 Resp: 48772
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 125.6
 227 63.2 0.0 128.6

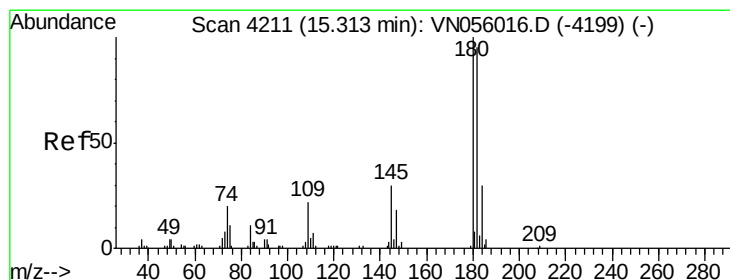
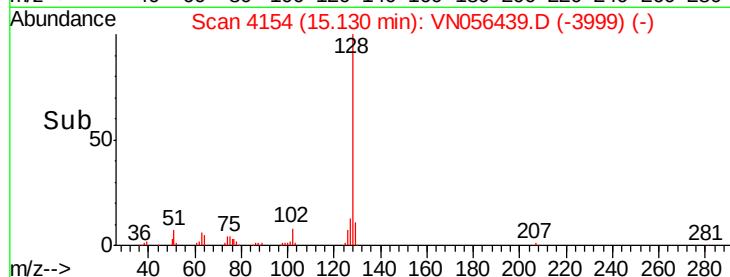
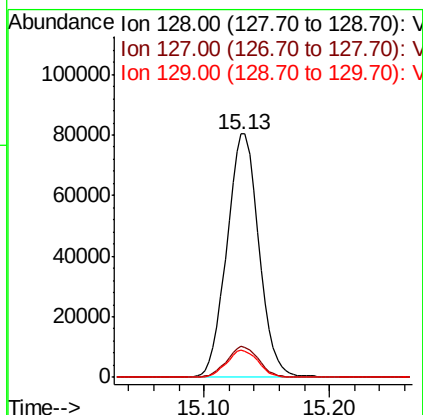
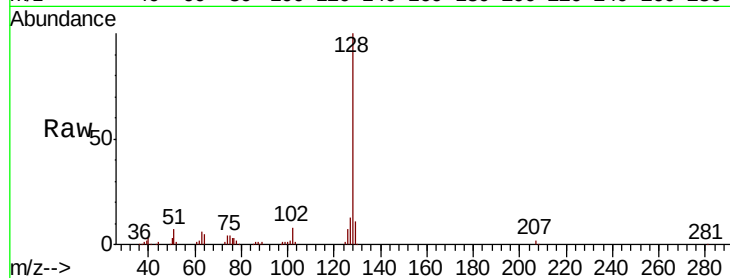




#91
Naphthalene
Concen: 15.046 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 142105
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 15.254 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN056439.D
Acq: 21 Jun 2019 20:20

Tgt Ion:180 Resp: 56783
Ion Ratio Lower Upper
180 100
182 95.9 0.0 193.4
145 31.6 0.0 59.8

