

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056396.D
 Acq On : 20 Jun 2019 12:42
 Operator : JC/SP
 Sample : VN0620WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 04:25:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	382975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	598582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	194379	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	216631	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
35) Dibromofluoromethane	7.59	113	189309	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
50) Toluene-d8	10.09	98	717496	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.40	95	234425	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	66160	20.402	ug/l	99
3) Chloromethane	2.06	50	86416	19.571	ug/l	100
4) Vinyl Chloride	2.18	62	86837	20.362	ug/l	99
5) Bromomethane	2.54	94	52074	20.828	ug/l	97
6) Chloroethane	2.69	64	49865	20.191	ug/l	99
7) Trichlorofluoromethane	3.00	101	110800	20.085	ug/l	98
8) Diethyl Ether	3.41	74	47267	20.245	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	70244	19.967	ug/l	100
10) Methyl Iodide	3.95	142	95663	20.119	ug/l	98
11) Tert butyl alcohol	4.79	59	73660	103.037	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	67359	19.910	ug/l	97
13) Acrolein	3.61	56	53018	87.994	ug/l	97
14) Allyl chloride	4.32	41	113578	20.168	ug/l	99
15) Acrylonitrile	4.99	53	198784	100.511	ug/l	98
16) Acetone	3.82	43	176828	83.151	ug/l	98
17) Carbon Disulfide	4.05	76	151554	19.695	ug/l	99
18) Methyl Acetate	4.33	43	88081	20.638	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	231995	20.724	ug/l	99
20) Methylene Chloride	4.55	84	80729	19.596	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	72886	19.982	ug/l	98
22) Diisopropyl ether	5.96	45	242254	20.483	ug/l	95
23) Vinyl Acetate	5.90	43	992576	106.402	ug/l	100
24) 1,1-Dichloroethane	5.85	63	139266	20.513	ug/l	99
25) 2-Butanone	6.84	43	269873	95.885	ug/l	99
26) 2,2-Dichloropropane	6.82	77	90175	19.097	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	88159	20.659	ug/l	98
28) Bromochloromethane	7.20	49	67085	19.977	ug/l	99
29) Tetrahydrofuran	7.21	42	179303	104.247	ug/l	100
30) Chloroform	7.37	83	135481	20.223	ug/l	99
31) Cyclohexane	7.65	56	130068	19.844	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	108008	20.340	ug/l	98
36) 1,1-Dichloropropene	7.79	75	102790	19.510	ug/l	99
37) Ethyl Acetate	6.93	43	108125	20.883	ug/l	99
38) Carbon Tetrachloride	7.77	117	90185	19.574	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056396.D
 Acq On : 20 Jun 2019 12:42
 Operator : JC/SP
 Sample : VN0620WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 04:25:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	124694	19.181	ug/l	98
40) Benzene	8.04	78	318075	19.627	ug/l	98
41) Methacrylonitrile	7.21	41	154869	67.737	ug/l #	12
42) 1,2-Dichloroethane	8.12	62	103443	19.341	ug/l	100
43) Isopropyl Acetate	8.17	43	159780	20.013	ug/l	99
44) Trichloroethene	8.83	130	85136	19.502	ug/l	100
45) 1,2-Dichloropropane	9.12	63	83289	19.217	ug/l	99
46) Dibromomethane	9.21	93	54760	20.195	ug/l	98
47) Bromodichloromethane	9.40	83	95824	19.925	ug/l	98
48) Methyl methacrylate	9.20	41	77741	19.431	ug/l	99
49) 1,4-Dioxane	9.20	88	27941	336.531	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	521159	101.136	ug/l	99
52) Toluene	10.16	92	195684	19.750	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	96040	19.046	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	118638	20.485	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	81132	20.371	ug/l	98
56) Ethyl methacrylate	10.43	69	119937	20.607	ug/l	98
57) 1,3-Dichloropropane	10.71	76	135158	20.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	194378	92.961	ug/l	99
59) 2-Hexanone	10.75	43	360399	95.159	ug/l	98
60) Dibromochloromethane	10.90	129	72782	19.314	ug/l	99
61) 1,2-Dibromoethane	11.01	107	81591	20.059	ug/l	99
64) Tetrachloroethene	10.63	164	80233	19.432	ug/l	98
65) Chlorobenzene	11.43	112	206507	19.712	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	71664	20.240	ug/l	97
67) Ethyl Benzene	11.51	91	366584	19.929	ug/l	99
68) m/p-Xylenes	11.62	106	269855	40.030	ug/l	99
69) o-Xylene	11.95	106	133019	19.945	ug/l	100
70) Styrene	11.96	104	215048	20.172	ug/l	100
71) Bromoform	12.13	173	48520	19.061	ug/l #	97
73) Isopropylbenzene	12.25	105	354562	22.825	ug/l	100
74) N-amyl acetate	12.07	43	127256	20.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	110358	22.740	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	124601	30.915	ug/l #	100
77) Bromobenzene	12.53	156	90813	20.894	ug/l	98
78) n-propylbenzene	12.59	91	368918	20.725	ug/l	100
79) 2-Chlorotoluene	12.67	91	227300	21.864	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	288844	22.363	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	21935	19.343	ug/l	92
82) 4-Chlorotoluene	12.77	91	208854	19.872	ug/l	100
83) tert-Butylbenzene	12.99	119	249922	21.895	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	274389	20.969	ug/l	99
85) sec-Butylbenzene	13.17	105	325962	20.834	ug/l	100
86) p-Isopropyltoluene	13.29	119	280443	20.886	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	132374	20.097	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	124938	19.586	ug/l	99
89) n-Butylbenzene	13.61	91	196856	19.367	ug/l	99
90) Hexachloroethane	13.87	117	42034	20.080	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	134023	20.509	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15065	20.946	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
Data File : VN056396.D
Acq On : 20 Jun 2019 12:42
Operator : JC/SP
Sample : VN0620WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 21 04:25:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

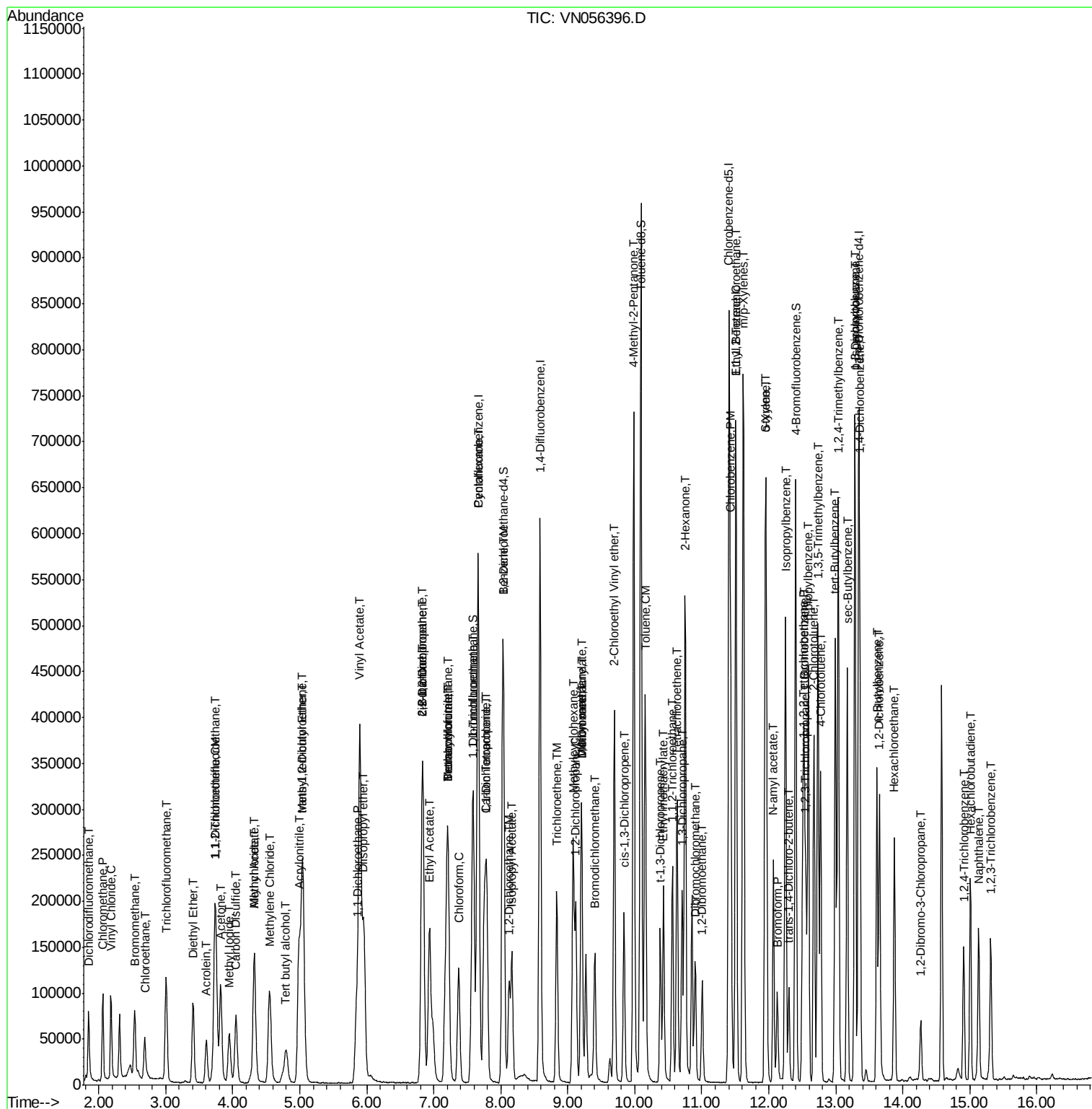
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49936	18.640	ug/l	100
94) Hexachlorobutadiene	15.01	225	46610	19.917	ug/l	99
95) Naphthalene	15.13	128	140051	19.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	57379	19.295	ug/l	99

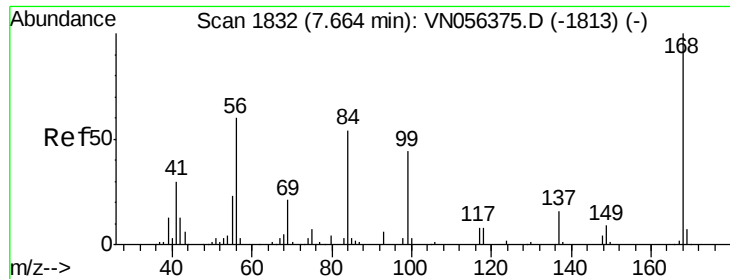
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
Data File : VN056396.D
Acq On : 20 Jun 2019 12:42
Operator : JC/SP
Sample : VN0620WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 21 04:25:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

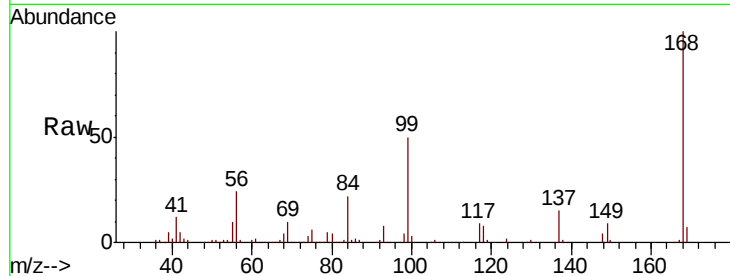
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 382975

Ion Ratio Lower Upper

168 100

99 49.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

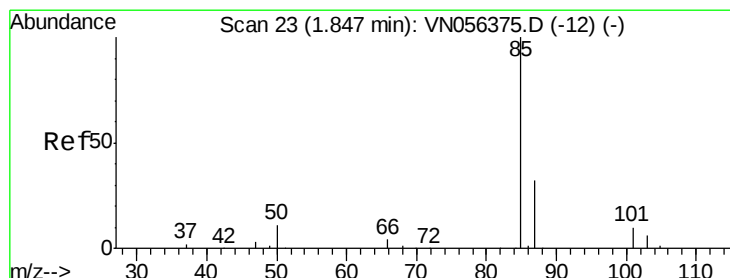
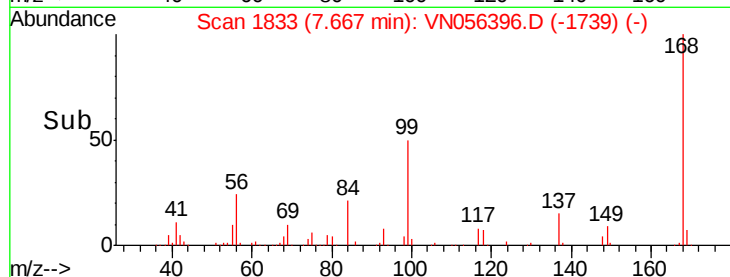
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.402 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056396.D

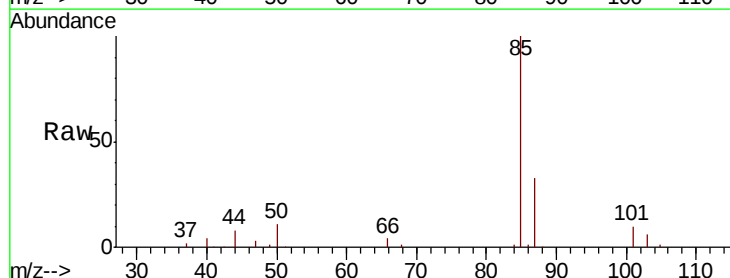
Acq: 20 Jun 2019 12:42

Tgt Ion: 85 Resp: 66160

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

50000

40000

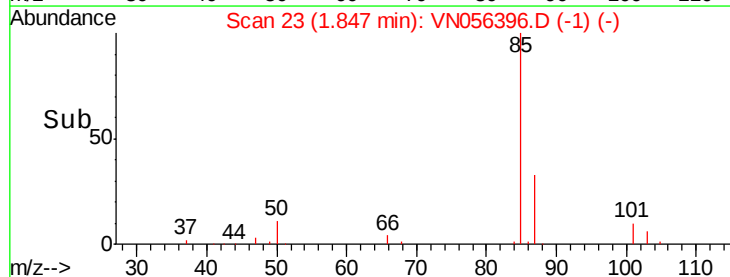
30000

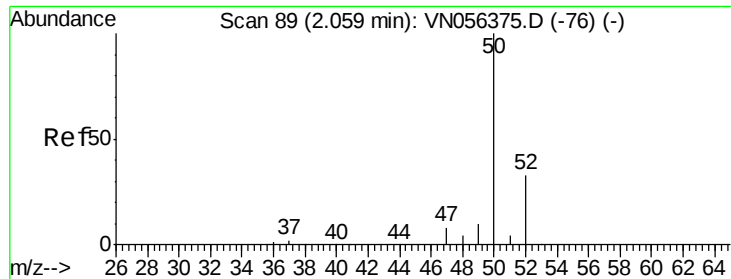
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.571 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

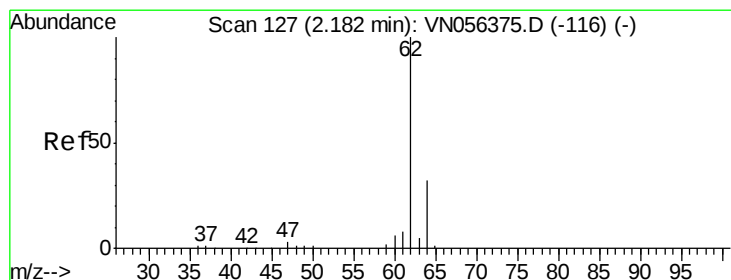
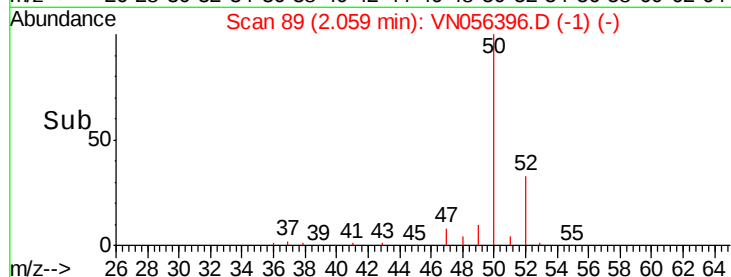
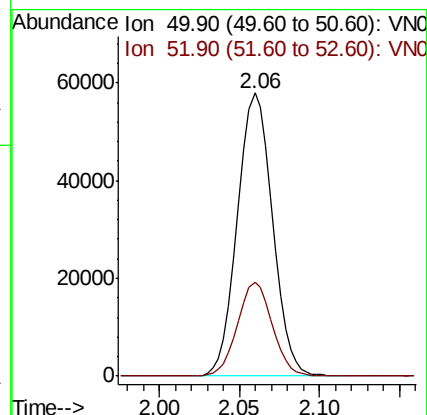
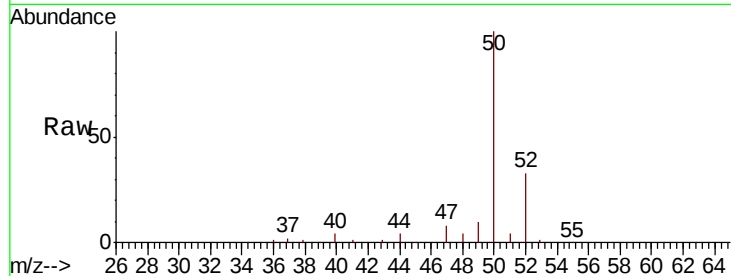
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 86416

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7



#4

Vinyl Chloride

Concen: 20.362 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056396.D

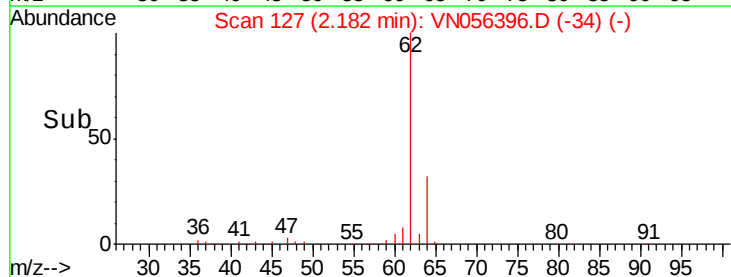
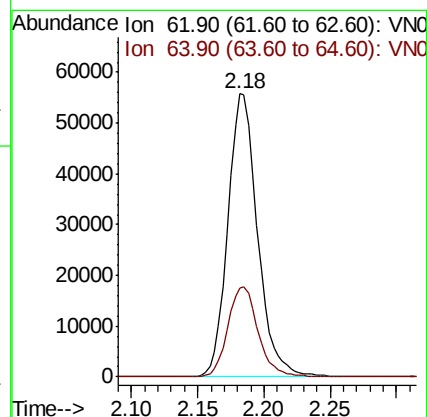
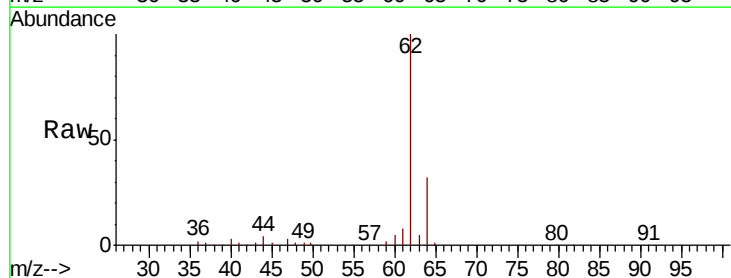
Acq: 20 Jun 2019 12:42

Tgt Ion: 62 Resp: 86837

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5

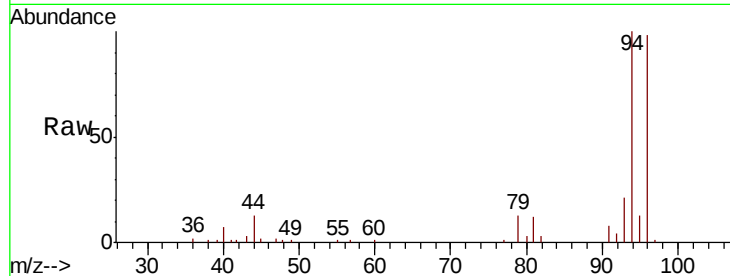




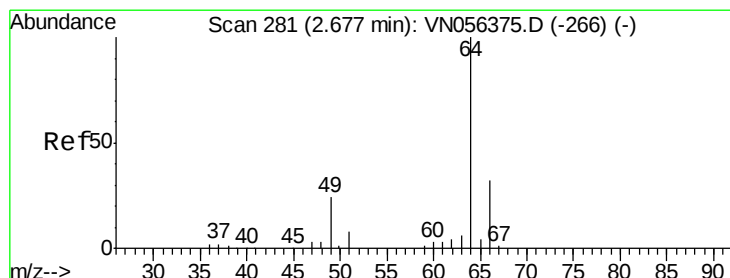
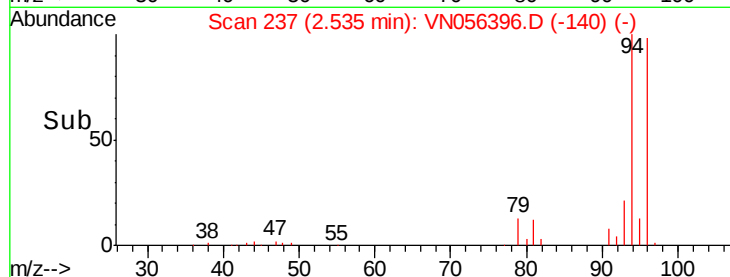
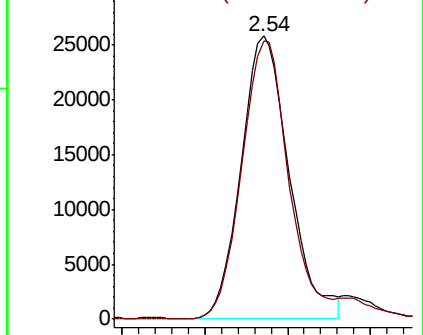
#5
Bromomethane
Concen: 20.828 ug/l
RT: 2.54 min Scan# 237
Delta R.T. 0.01 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 52074
Ion Ratio Lower Upper
94 100
96 98.2 76.0 114.0

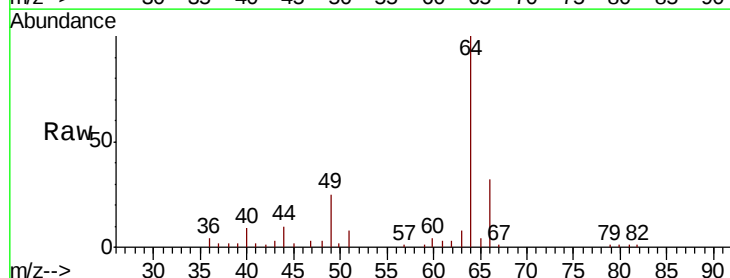


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

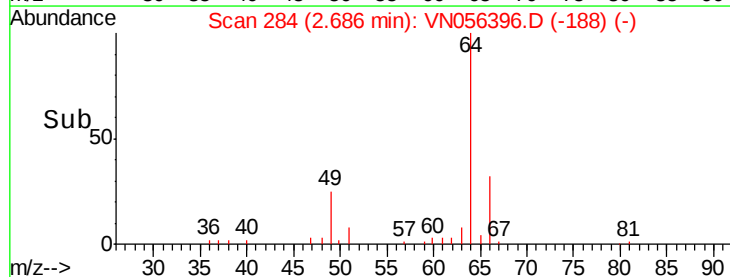
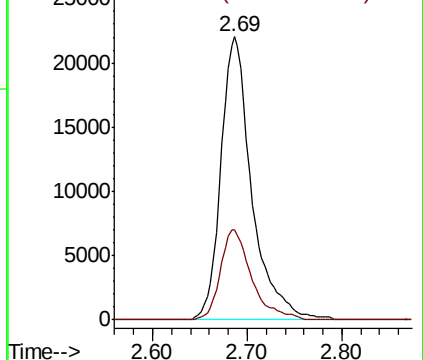


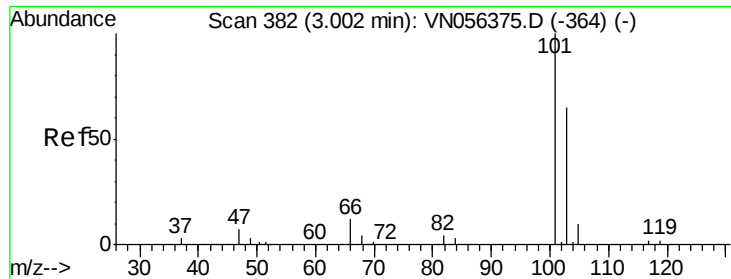
#6
Chloroethane
Concen: 20.191 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 64 Resp: 49865
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



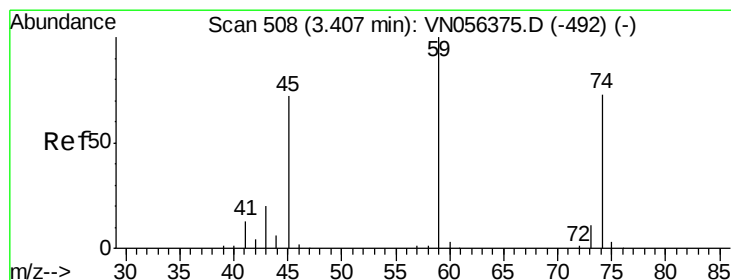
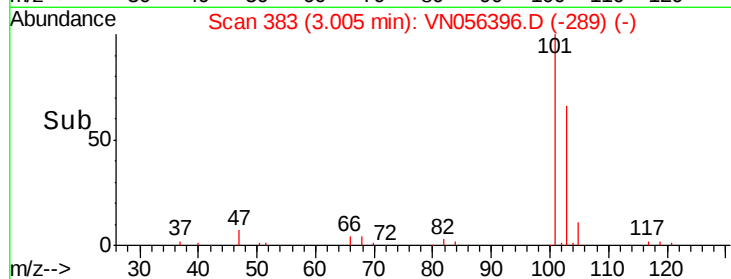
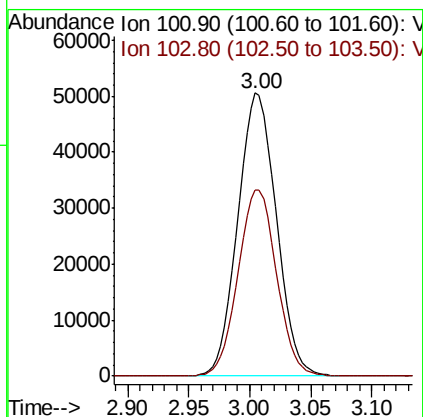
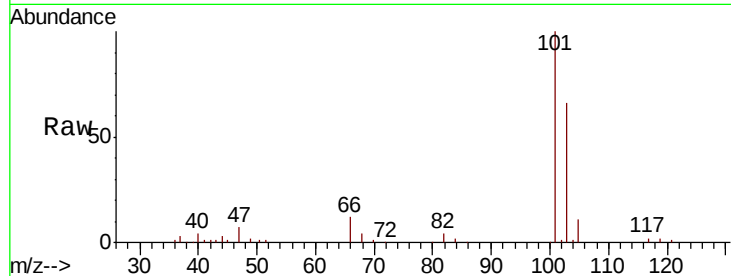


#7

Trichlorofluoromethane
Concen: 20.085 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Instrument :
MSVOA_N
ClientSampled :

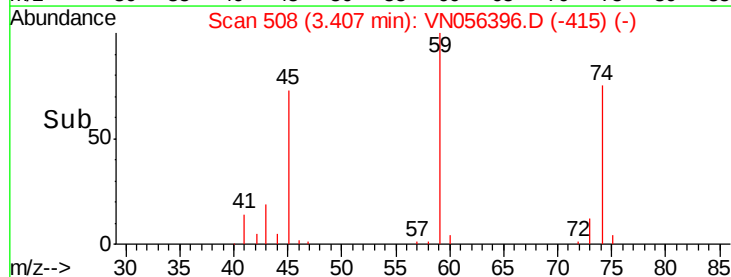
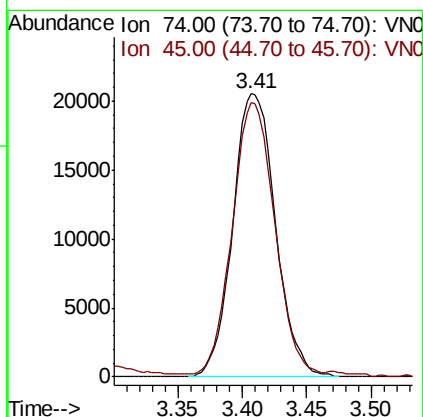
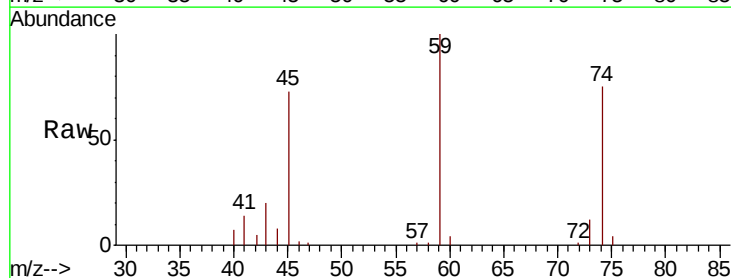
Tot Ion:101 Resp: 110800
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5

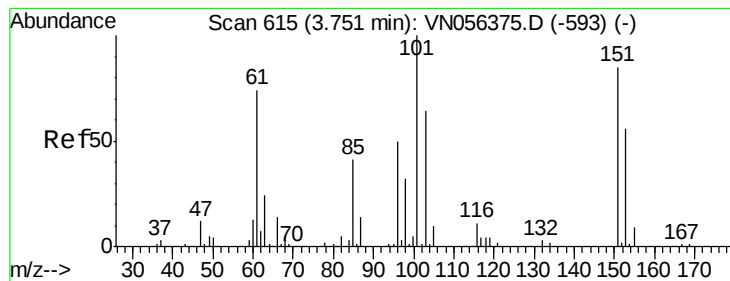


#8

Diethyl Ether
Concen: 20.245 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 74 Resp: 47267
Ion Ratio Lower Upper
74 100
45 94.6 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.967 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

ClientSampled :

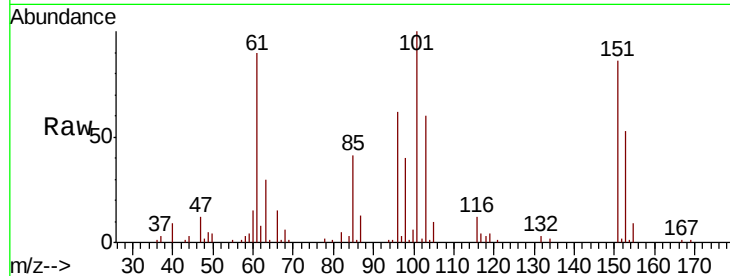
Tot Ion:101 Resp: 70244

Ion Ratio Lower Upper

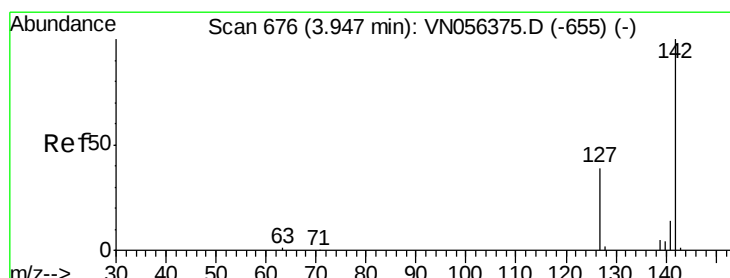
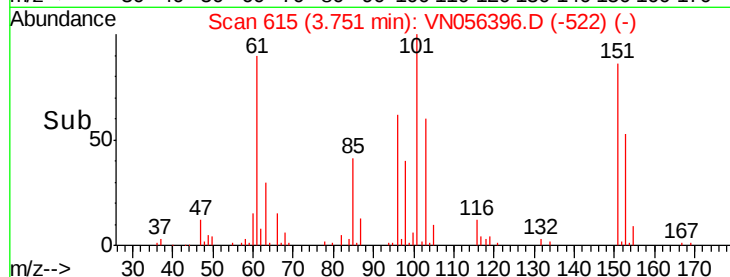
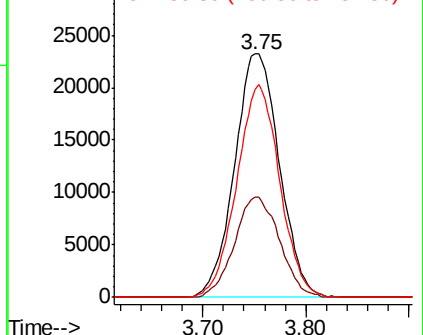
101 100

85 41.2 32.7 49.1

151 83.6 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.119 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

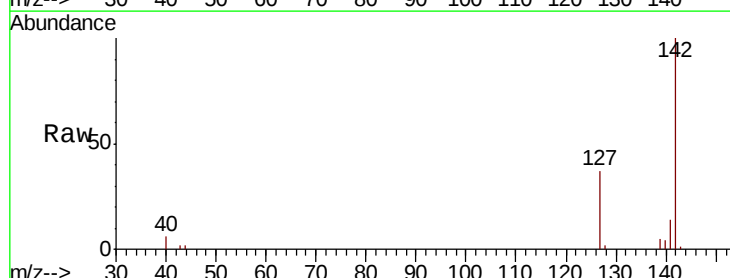
Tgt Ion:142 Resp: 95663

Ion Ratio Lower Upper

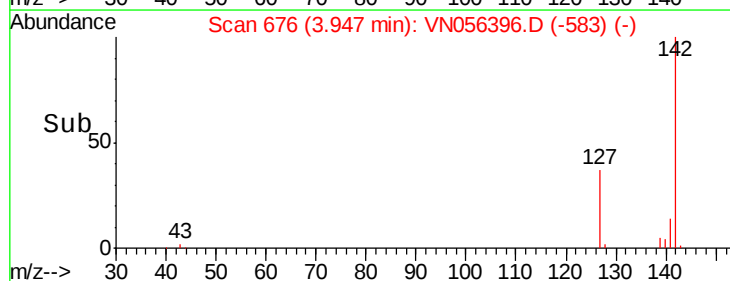
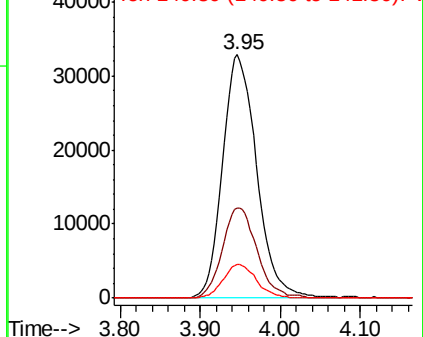
142 100

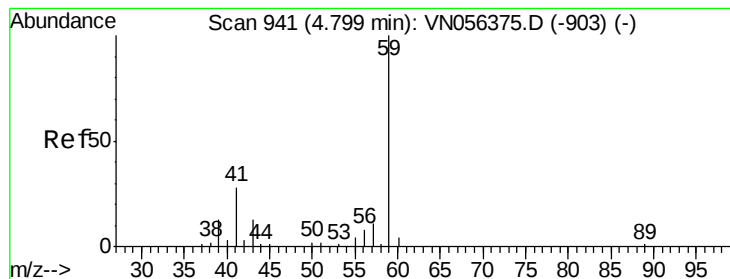
127 37.4 30.6 46.0

141 13.5 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



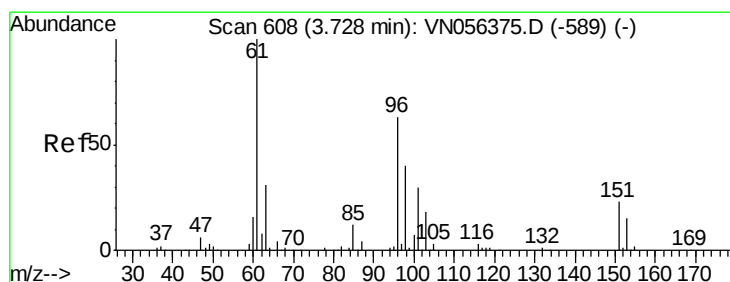
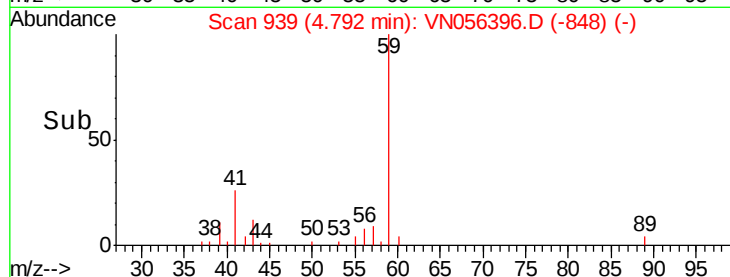
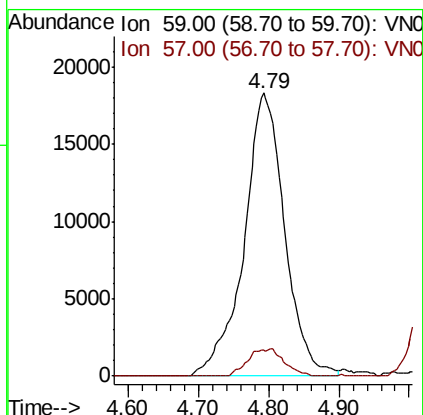
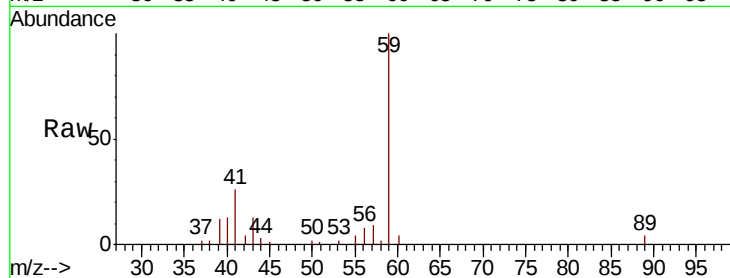


#11

Tert butyl alcohol
 Concen: 103.037 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

Instrument :
 MSVOA_N
 ClientSampled :

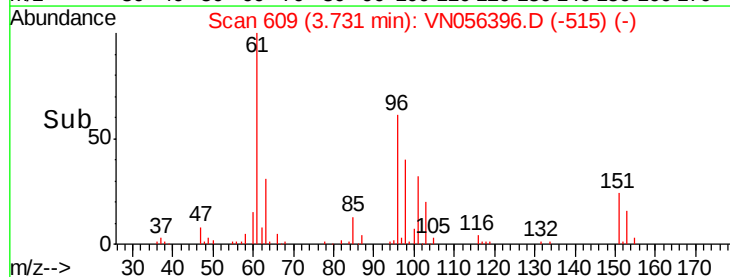
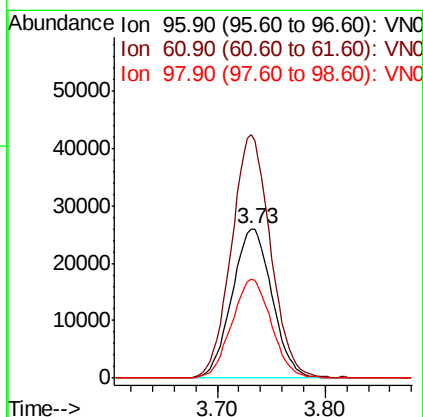
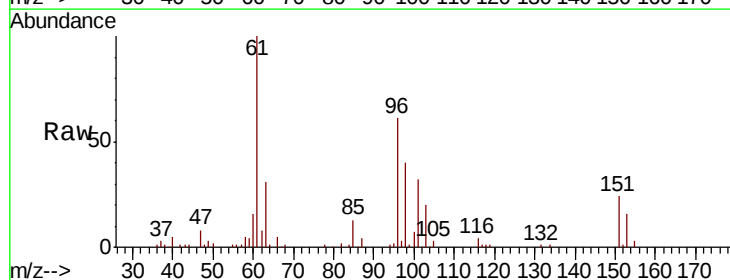
Tot Ion: 59 Resp: 73660
 Ion Ratio Lower Upper
 59 100
 57 4.4 7.6 11.4#

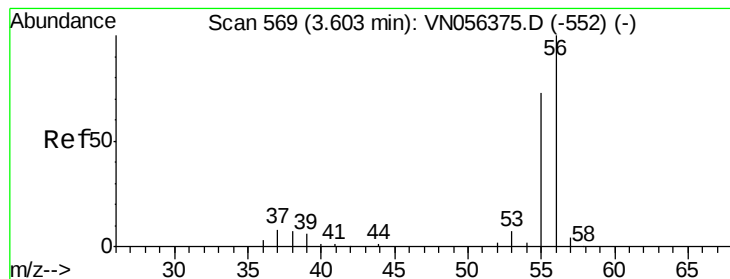


#12

1,1-Dichloroethene
 Concen: 19.910 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

Tgt Ion: 96 Resp: 67359
 Ion Ratio Lower Upper
 96 100
 61 163.2 126.6 190.0
 98 66.0 51.1 76.7





#13

Acrolein

Concen: 87.994 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

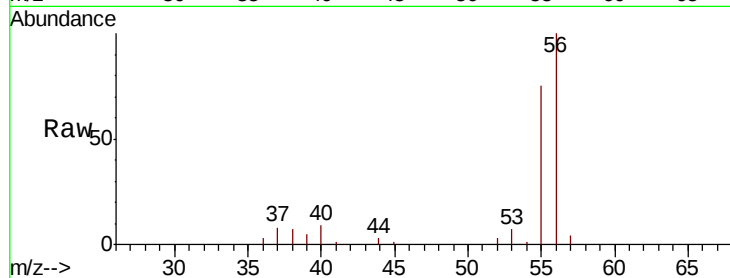
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 53018

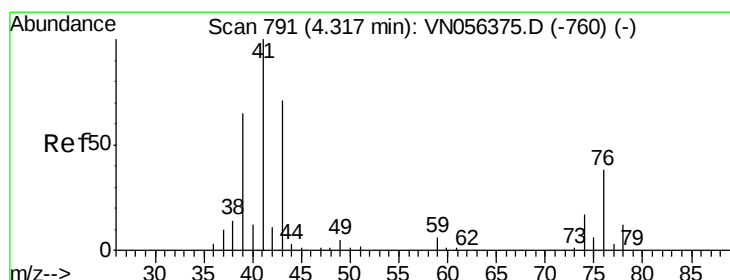
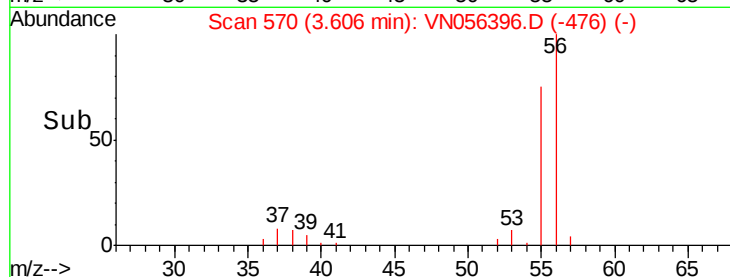
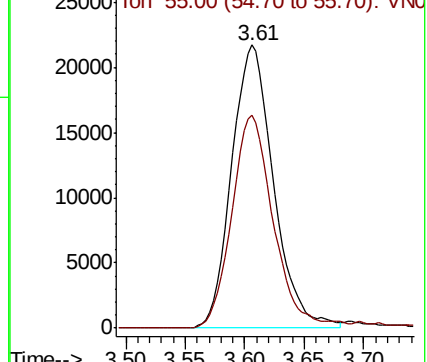
Ion Ratio Lower Upper

56 100

55 73.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN056396.D (-476) (-)



#14

Allyl chloride

Concen: 20.168 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

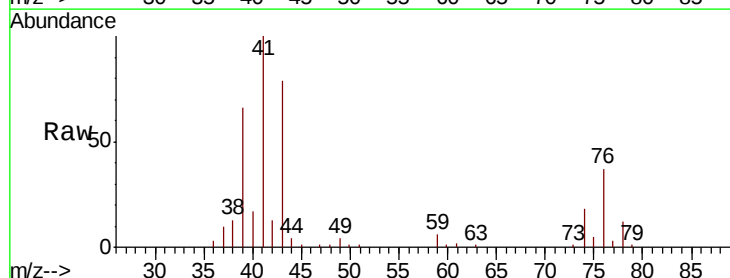
Tgt Ion: 41 Resp: 113578

Ion Ratio Lower Upper

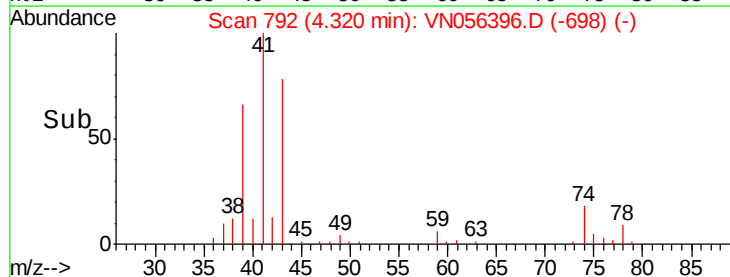
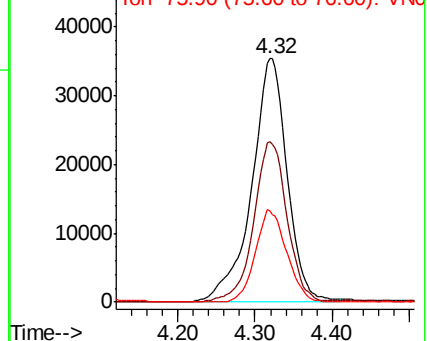
41 100

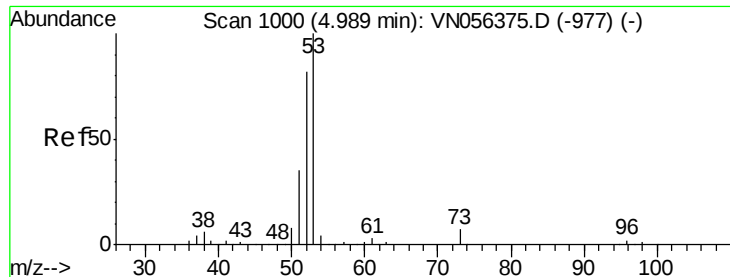
39 61.9 48.6 73.0

76 33.3 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VN056396.D (-698) (-)





#15

Acrylonitrile

Concen: 100.511 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

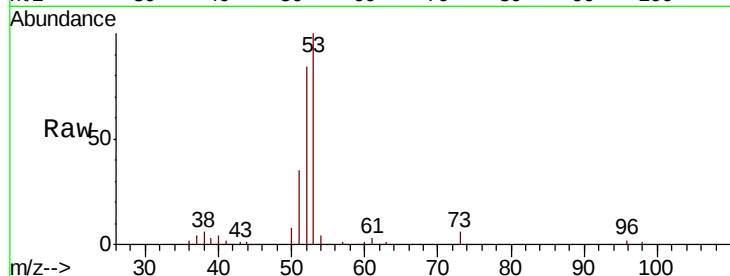
Tot Ion: 53 Resp: 198784

Ion Ratio Lower Upper

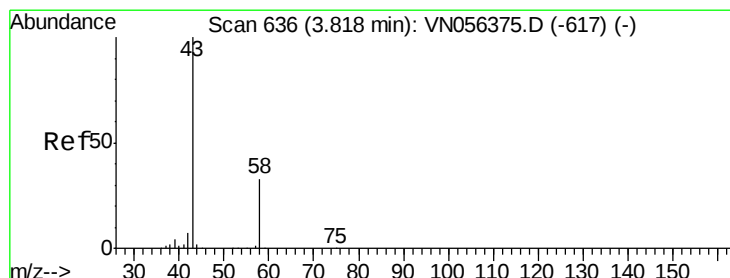
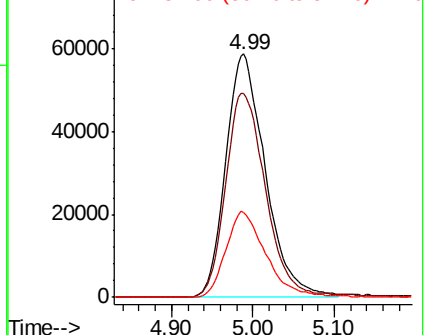
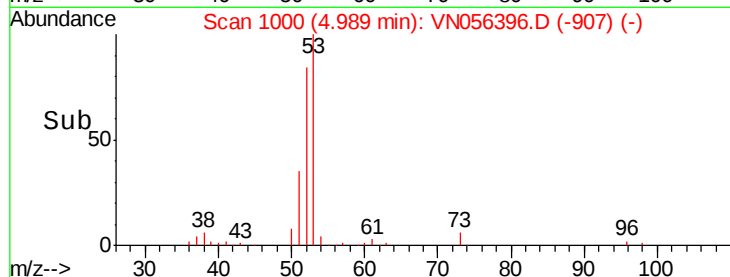
53 100

52 85.2 65.9 98.9

51 35.7 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN056396.D (-907) (-)



#16

Acetone

Concen: 83.151 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056396.D

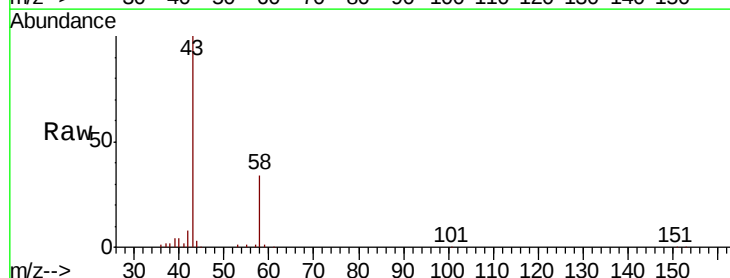
Acq: 20 Jun 2019 12:42

Tgt Ion: 43 Resp: 176828

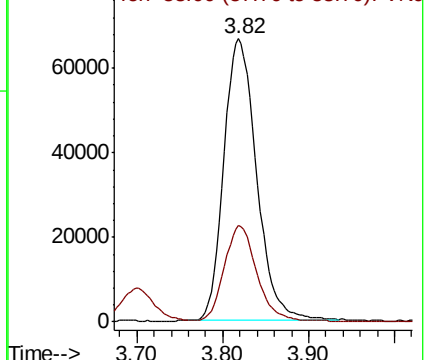
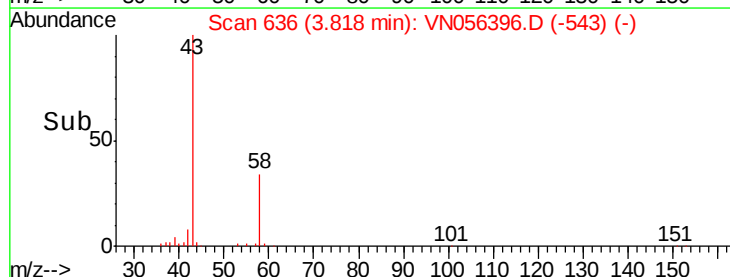
Ion Ratio Lower Upper

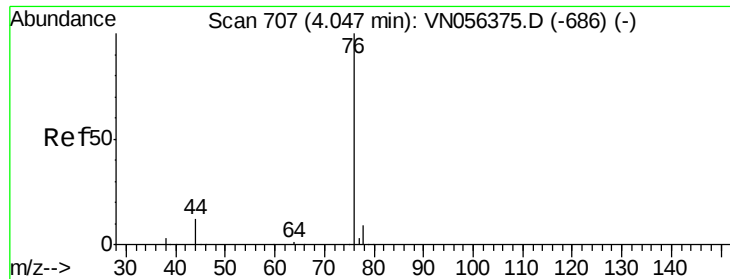
43 100

58 33.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056396.D (-543) (-)

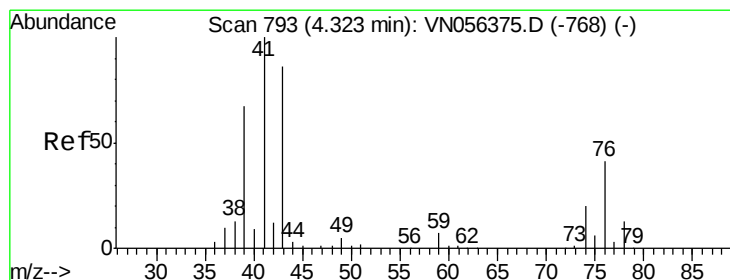
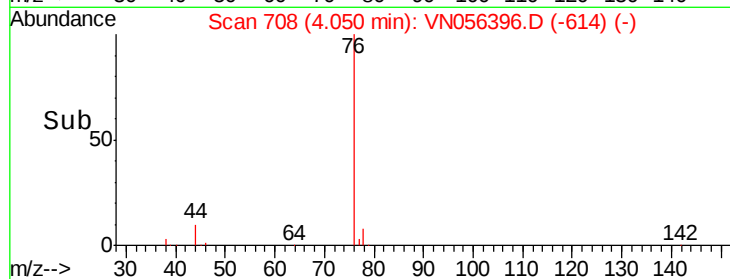
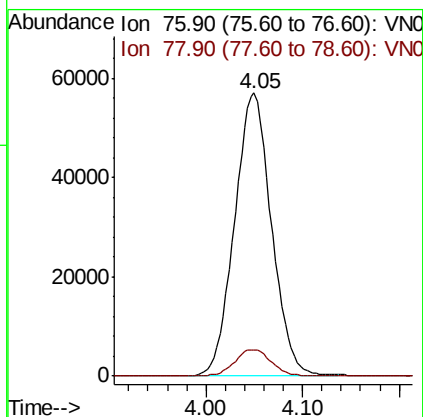
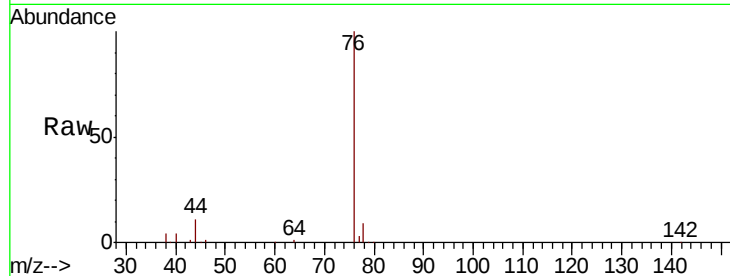




#17
Carbon Disulfide
Concen: 19.695 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

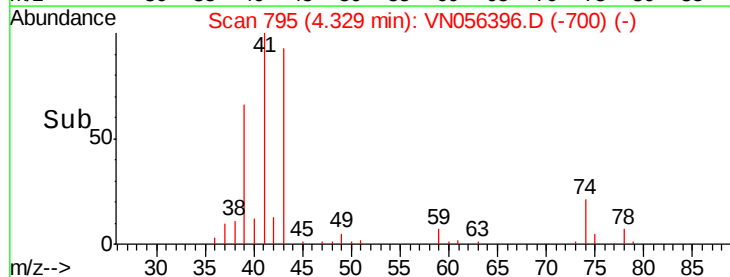
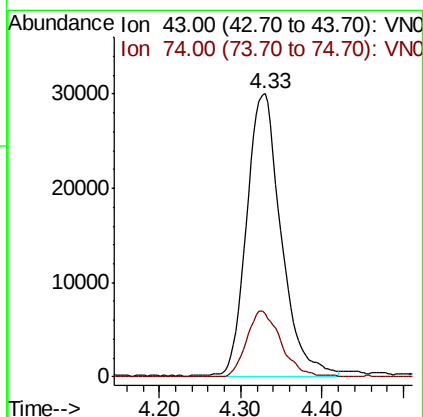
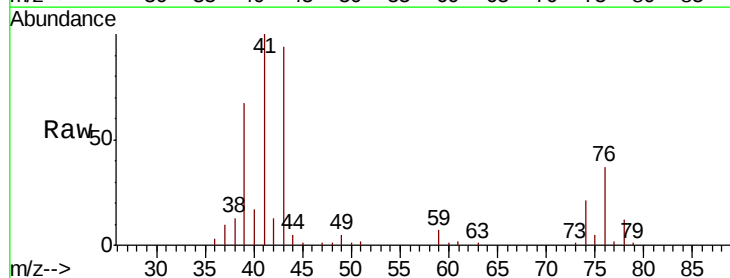
Instrument :
MSVOA_N
ClientSampleId :

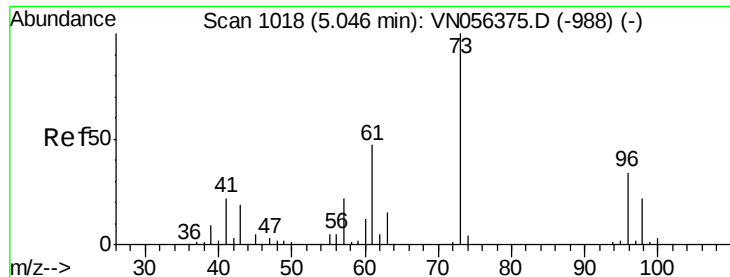
Tot Ion: 76 Resp: 151554
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 20.638 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 43 Resp: 88081
Ion Ratio Lower Upper
43 100
74 22.8 19.2 28.8

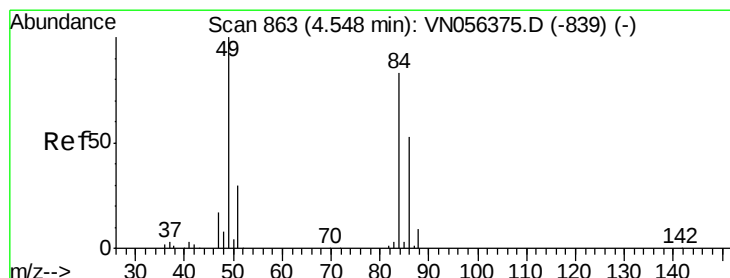
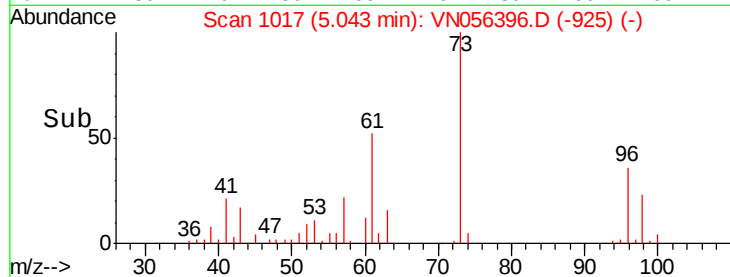
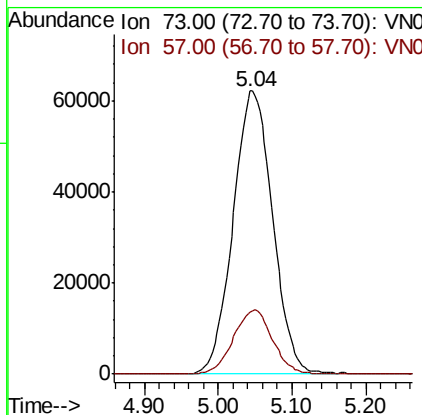
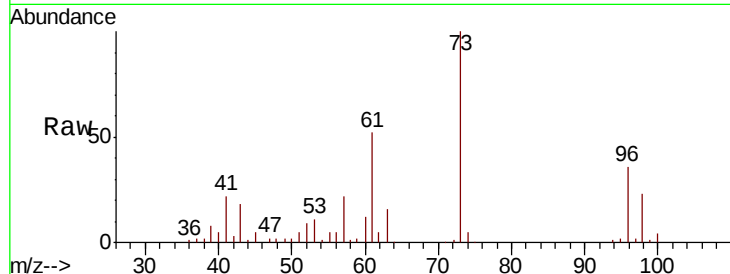




#19
Methyl tert-butyl Ether
Concen: 20.724 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

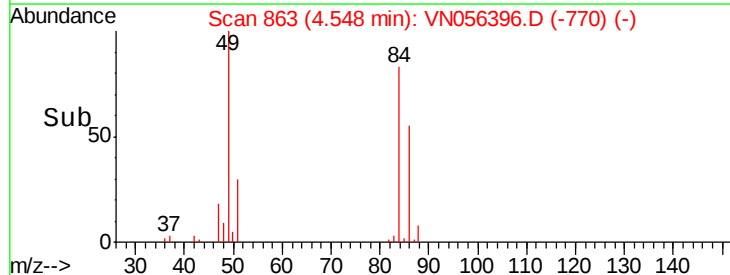
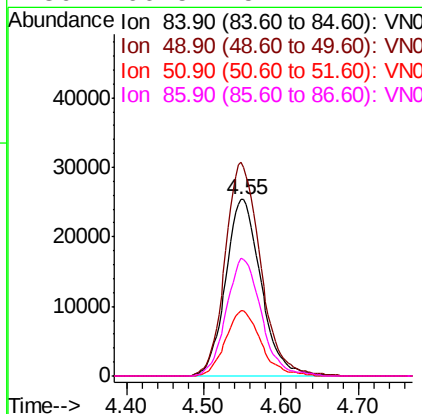
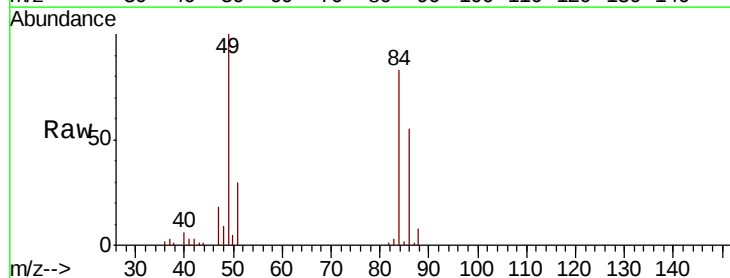
Instrument :
MSVOA_N
ClientSampleId :

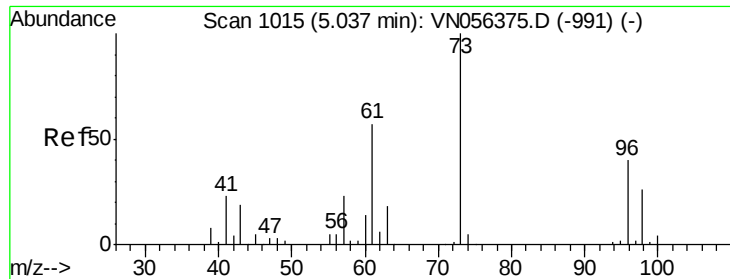
Tot Ion: 73 Resp: 231995
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 19.596 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 84 Resp: 80729
Ion Ratio Lower Upper
84 100
49 121.0 96.4 144.6
51 36.8 28.6 43.0
86 66.5 51.4 77.2



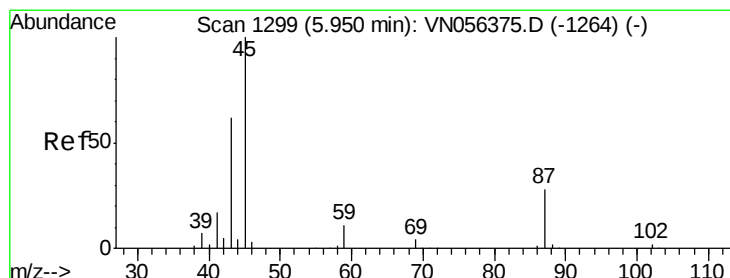
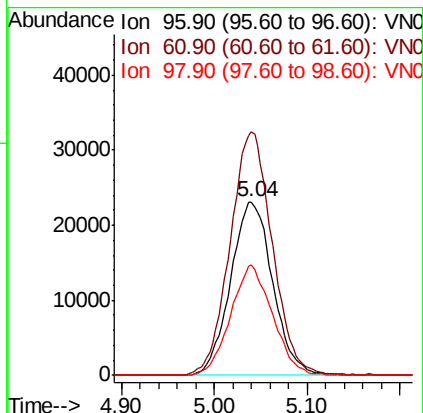
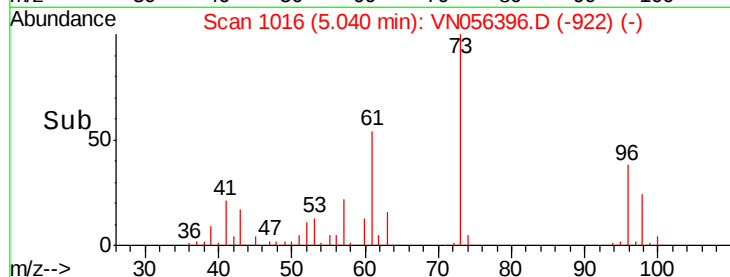
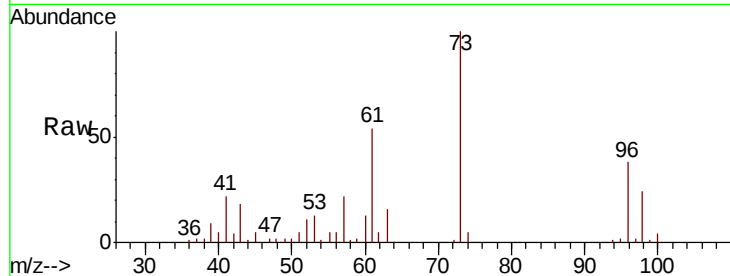


#21

trans-1,2-Dichloroethene
Concen: 19.982 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Instrument :
MSVOA_N
ClientSampled :

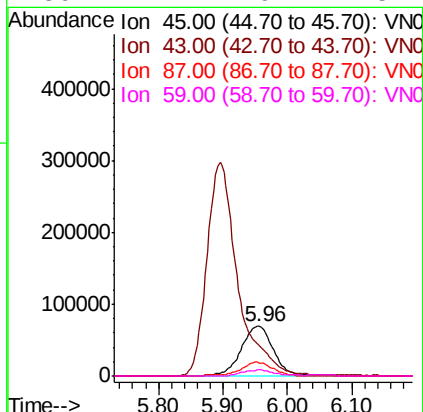
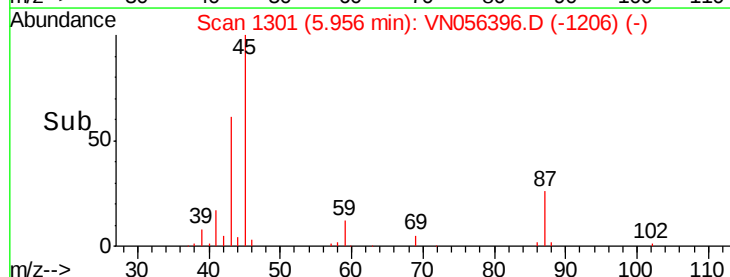
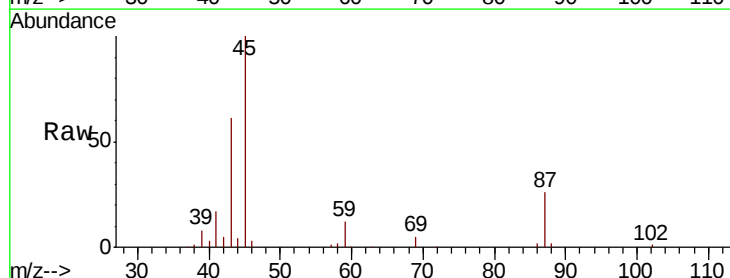
Tot Ion: 96 Resp: 72886
Ion Ratio Lower Upper
96 100
61 139.4 113.0 169.6
98 63.6 52.2 78.2

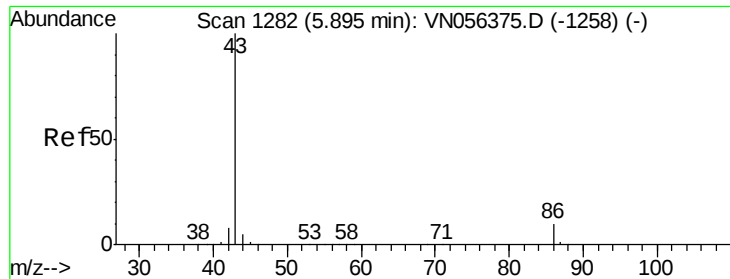


#22

Diisopropyl ether
Concen: 20.483 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 45 Resp: 242254
Ion Ratio Lower Upper
45 100
43 58.8 50.4 75.6
87 26.0 23.0 34.4
59 11.7 9.1 13.7





#23

Vinyl Acetate

Concen: 106.402 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

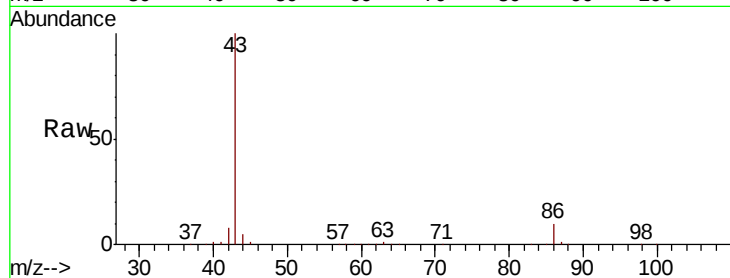
ClientSampleId :

Tot Ion: 43 Resp: 992576

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

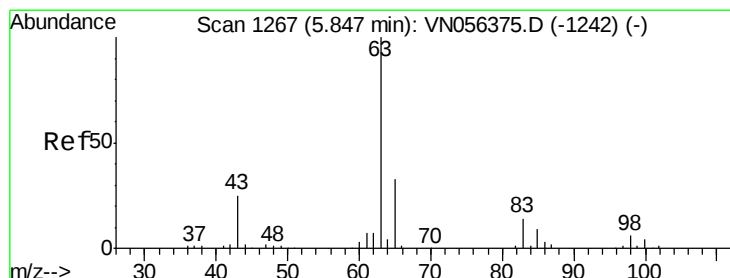
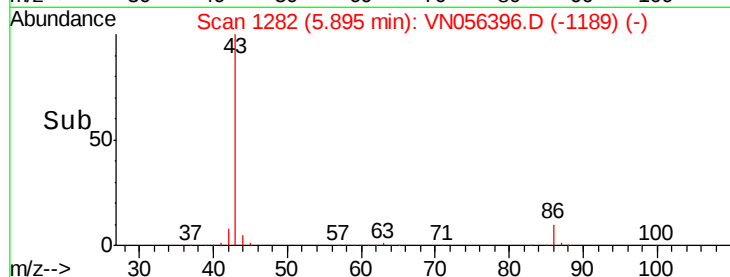
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.513 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

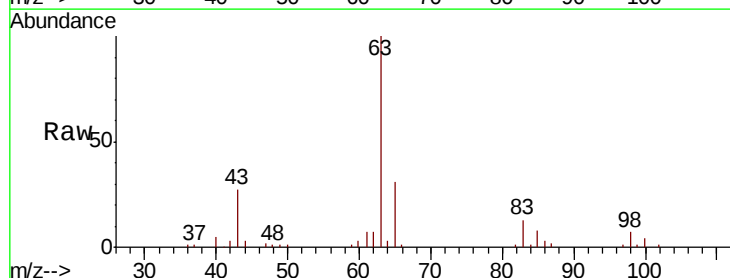
Tgt Ion: 63 Resp: 139266

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

60000

50000

40000

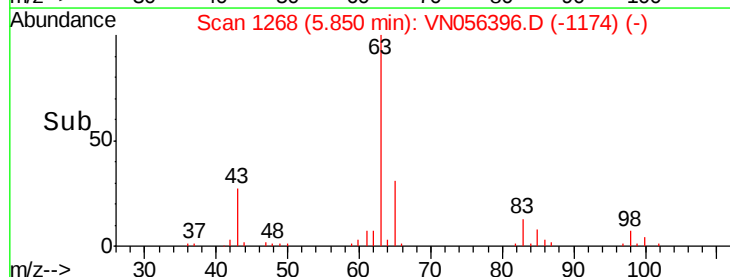
30000

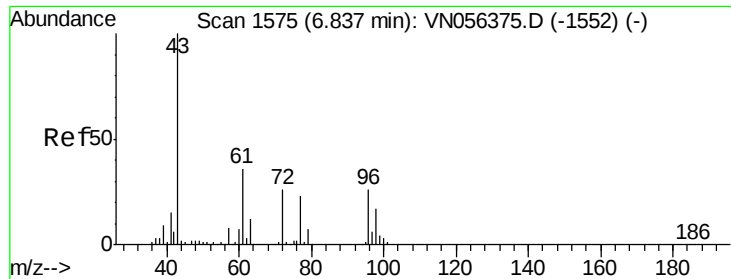
20000

10000

0

Time--> 5.70 5.80 5.90 6.00

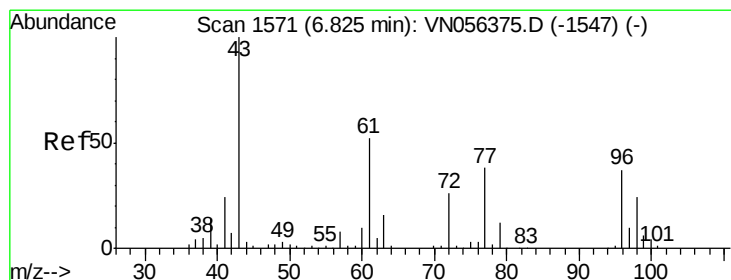
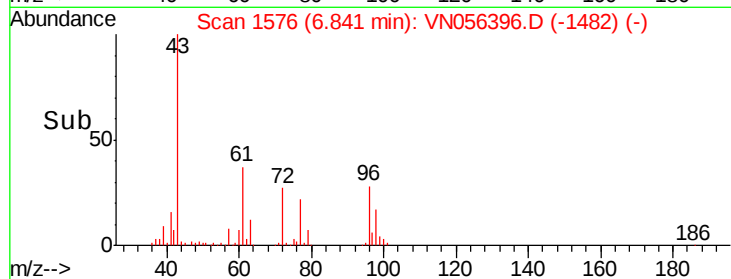
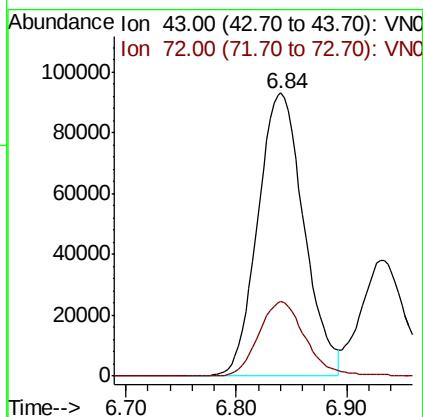
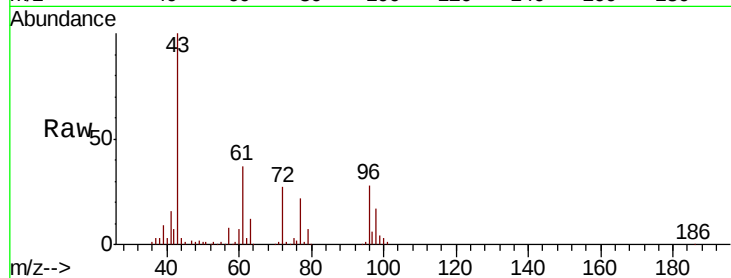




#25
2-Butanone
Concen: 95.885 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

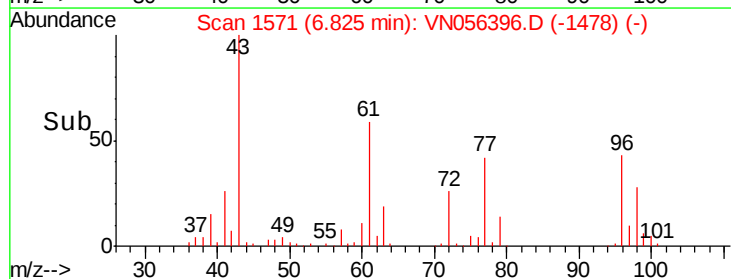
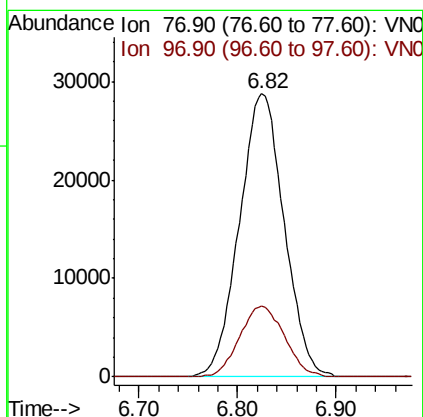
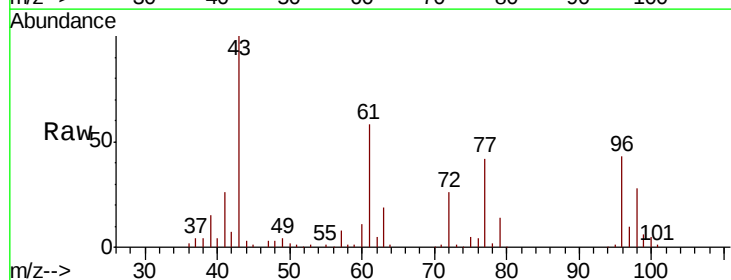
Instrument :
MSVOA_N
ClientSampled :

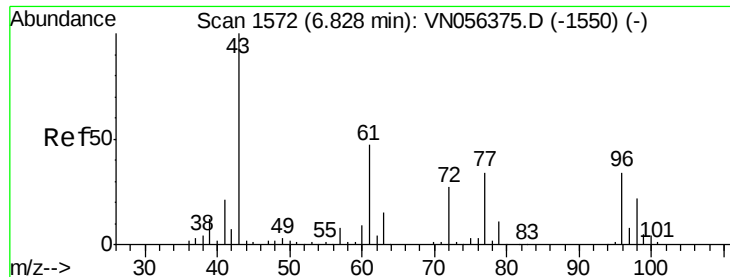
Tot Ion: 43 Resp: 269873
Ion Ratio Lower Upper
43 100
72 26.5 20.6 31.0



#26
2,2-Dichloropropane
Concen: 19.097 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 77 Resp: 90175
Ion Ratio Lower Upper
77 100
97 25.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.659 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :
MSVOA_N
ClientSampled :

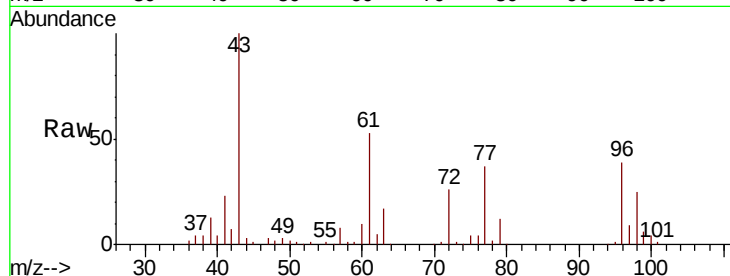
Tot Ion: 96 Resp: 88159

Ion Ratio Lower Upper

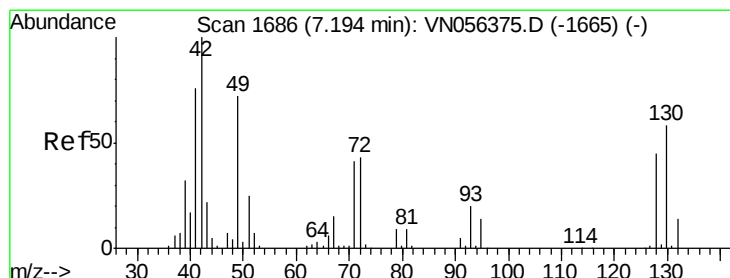
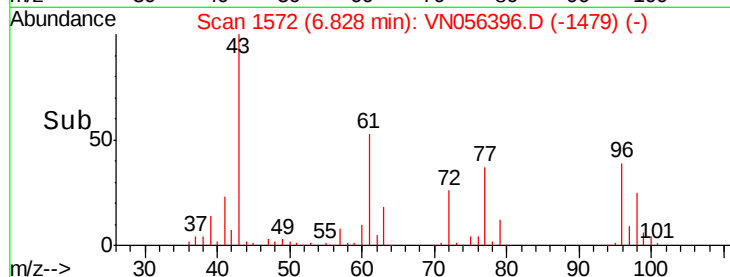
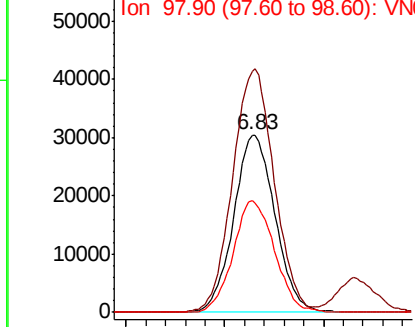
96 100

61 138.4 0.0 279.8

98 63.2 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.977 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

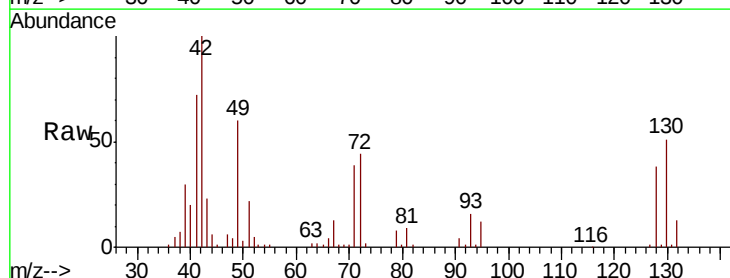
Tgt Ion: 49 Resp: 67085

Ion Ratio Lower Upper

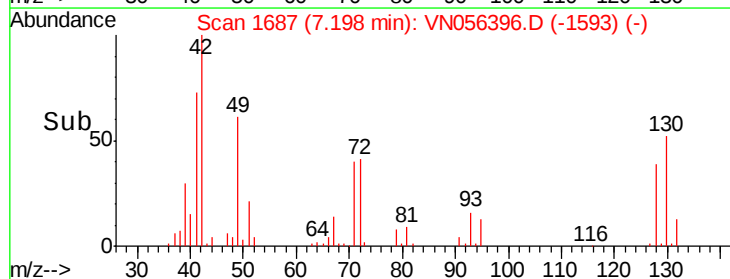
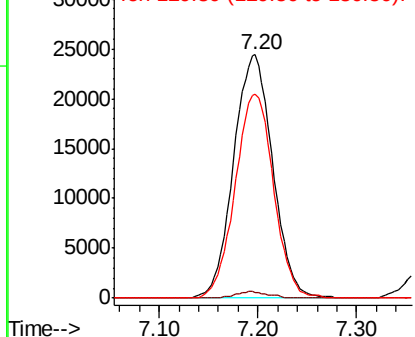
49 100

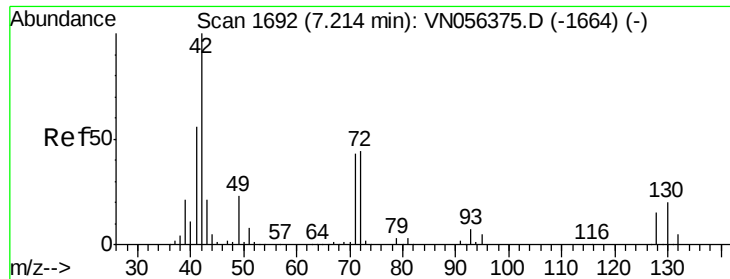
129 2.2 0.0 4.2

130 82.5 64.9 97.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

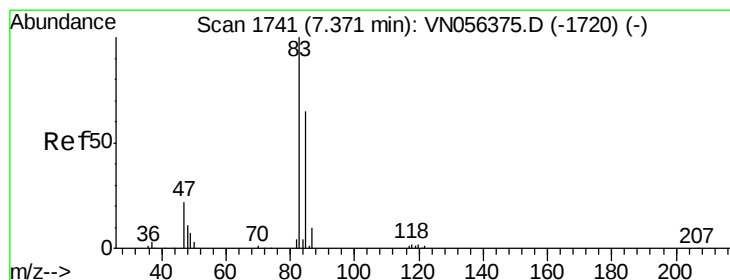
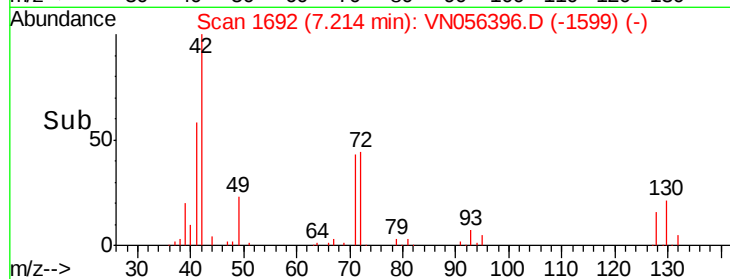
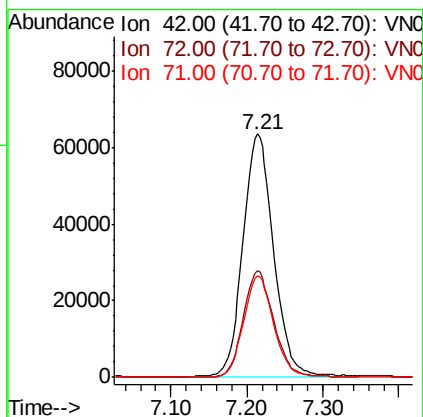
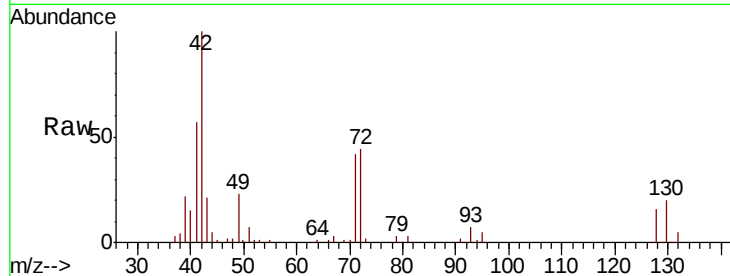




#29
Tetrahydrofuran
Concen: 104.247 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

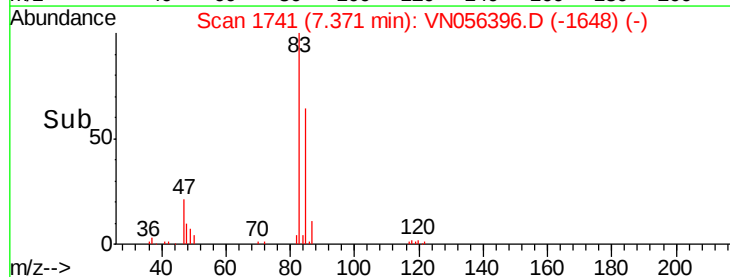
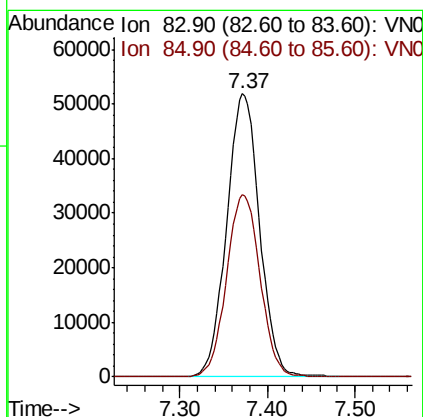
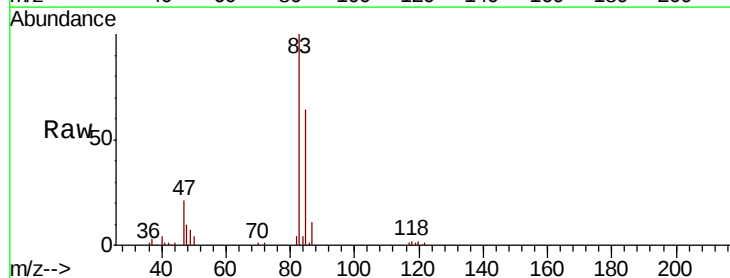
Instrument :
MSVOA_N
ClientSampled :

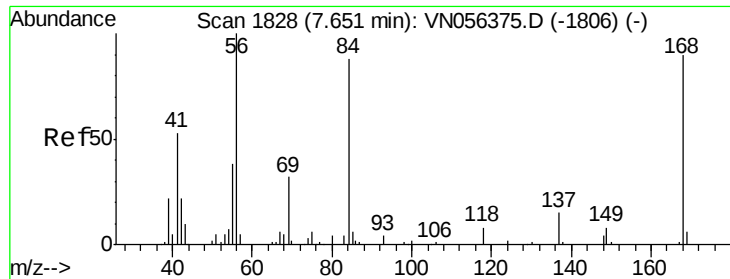
Tot Ion: 42 Resp: 179303
Ion Ratio Lower Upper
42 100
72 43.4 34.7 52.1
71 40.8 33.0 49.6



#30
Chloroform
Concen: 20.223 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 83 Resp: 135481
Ion Ratio Lower Upper
83 100
85 64.5 52.3 78.5

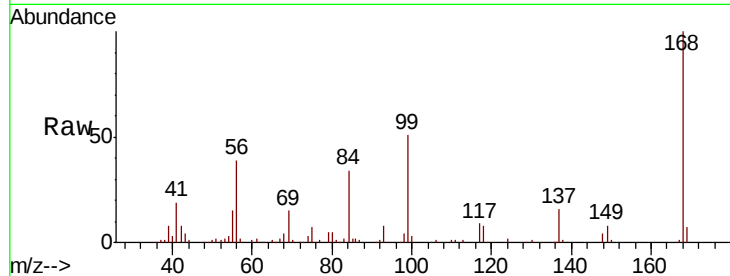




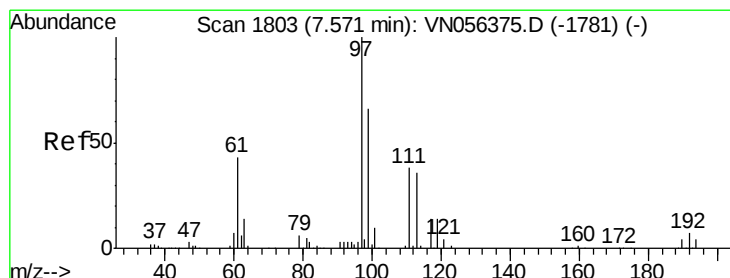
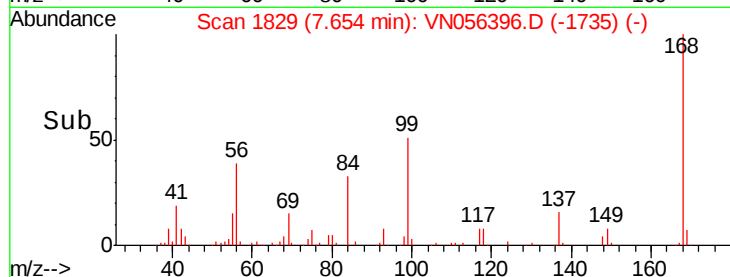
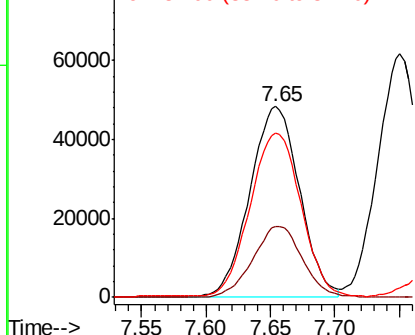
#31
Cyclohexane
Concen: 19.844 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 130068
Ion Ratio Lower Upper
56 100
69 37.3 25.8 38.6
84 85.2 69.4 104.0

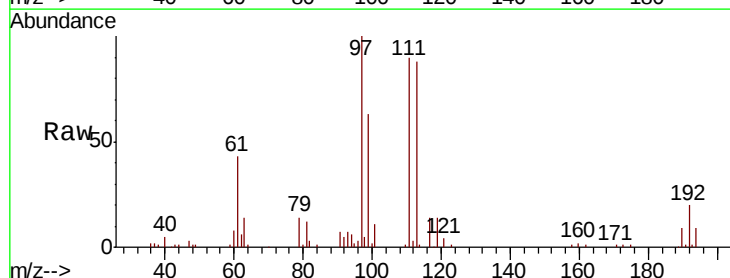


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

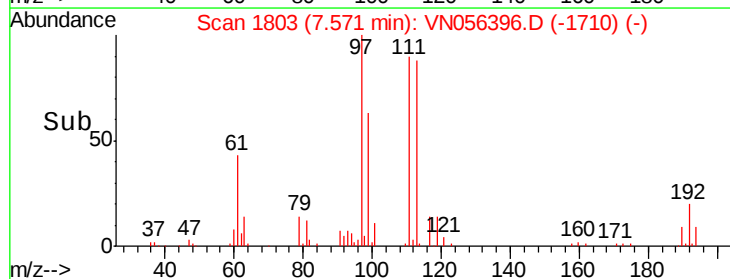
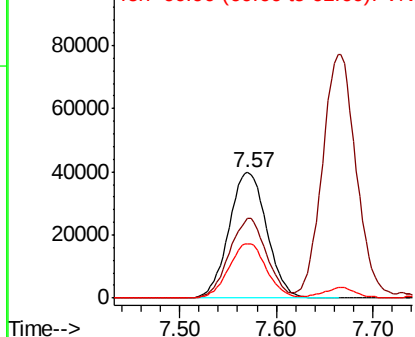


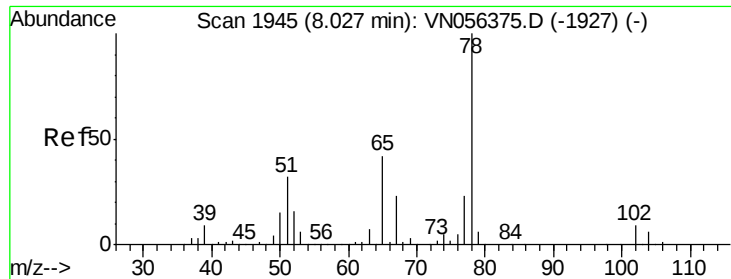
#32
1,1,1-Trichloroethane
Concen: 20.340 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 97 Resp: 108008
Ion Ratio Lower Upper
97 100
99 62.4 51.8 77.6
61 42.8 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

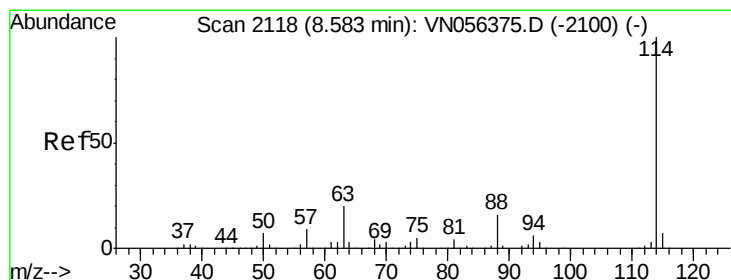
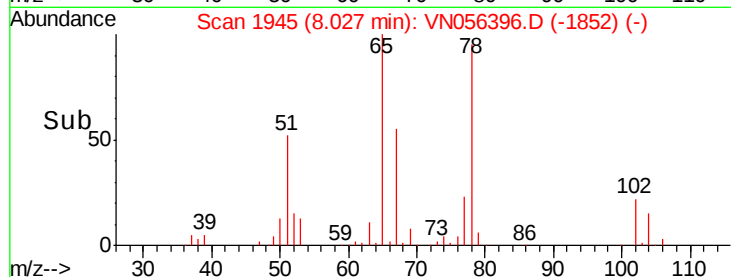
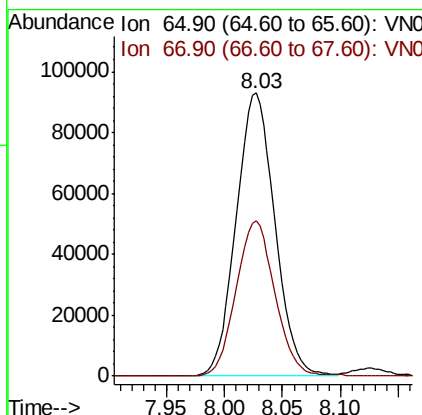
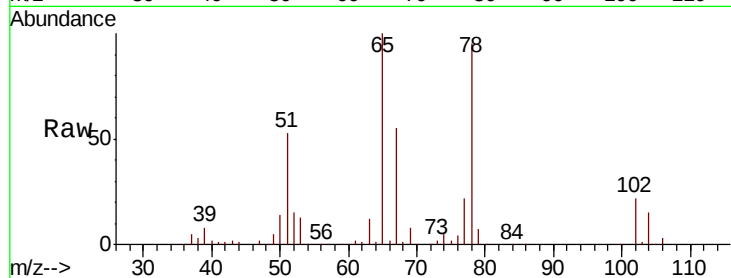




#33
 1,2-Dichloroethane-d4
 Concen: 51.038 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

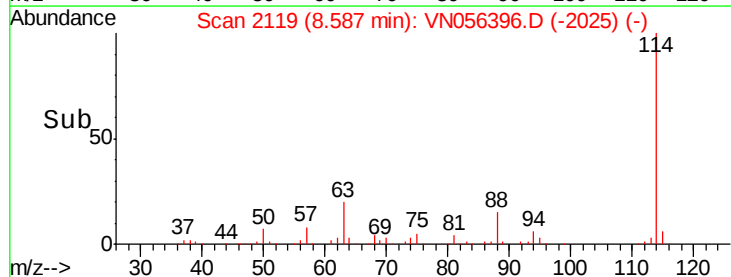
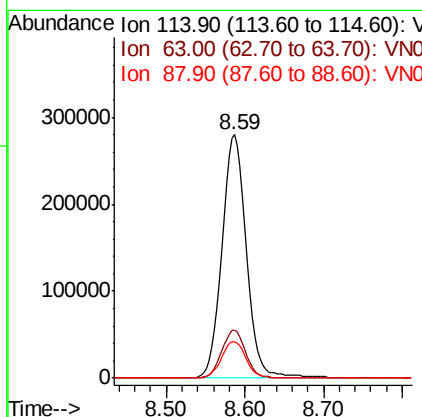
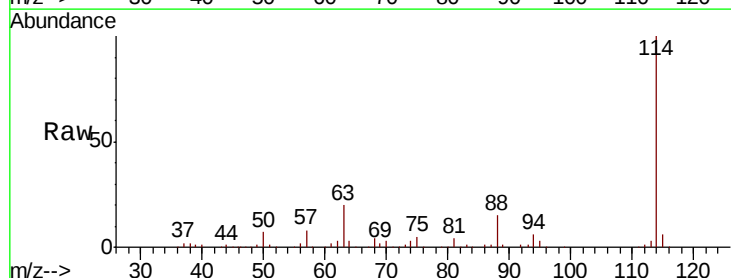
Instrument :
 MSVOA_N
 ClientSampleId :

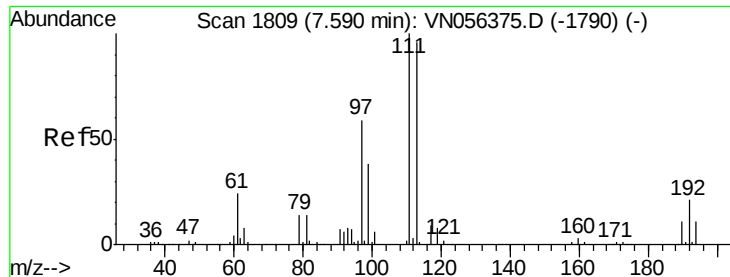
Tot Ion: 65 Resp: 216631
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

Tgt Ion: 114 Resp: 598582
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.1 0.0 31.4

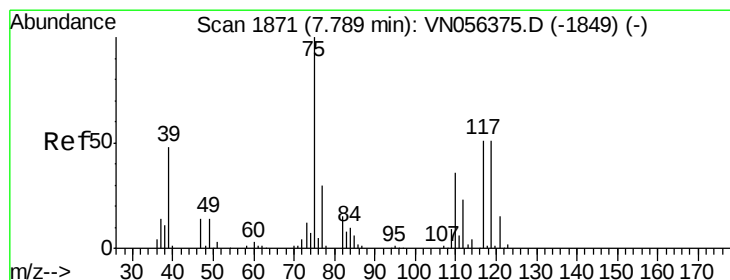
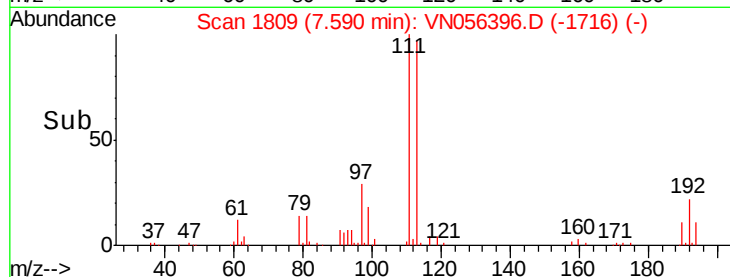
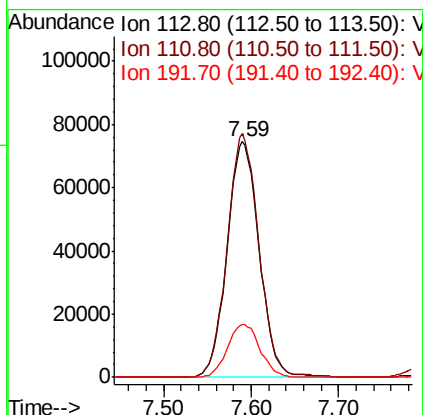
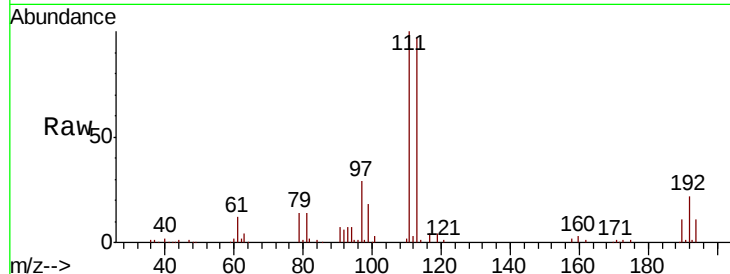




#35
 Dibromofluoromethane
 Concen: 50.696 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

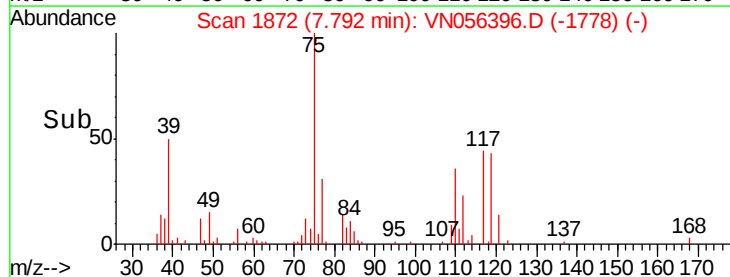
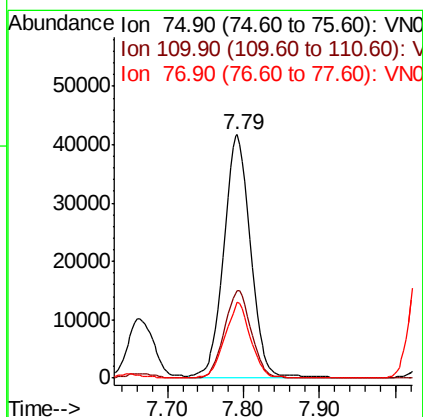
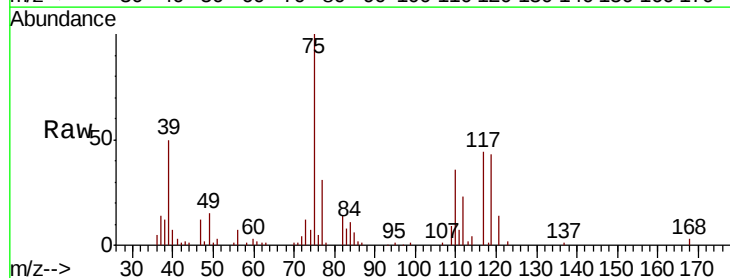
Instrument :
 MSVOA_N
 ClientSampled :

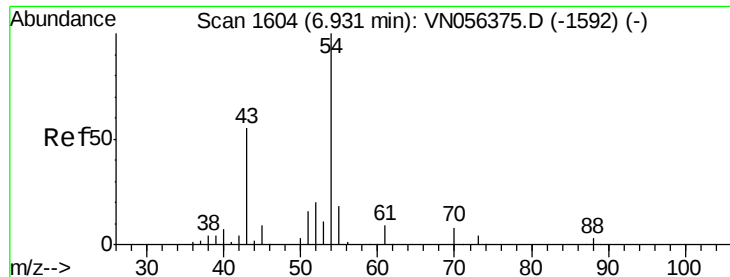
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	22.8	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 19.510 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.3
77	29.8	24.6	36.8

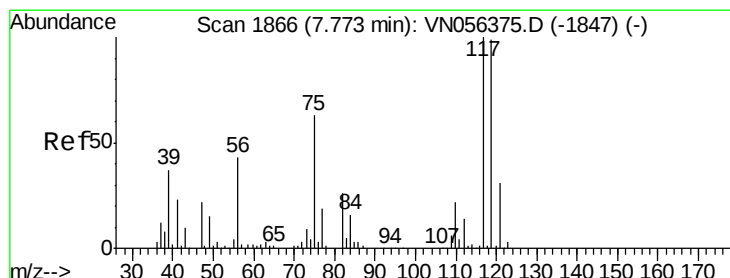
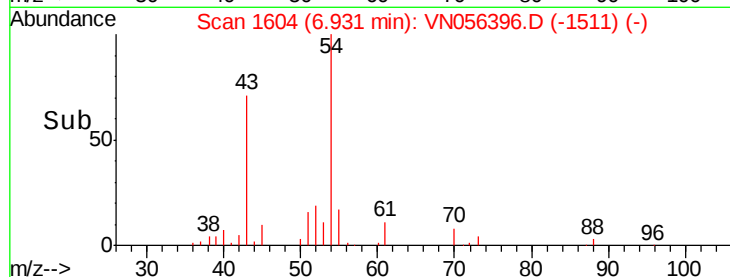
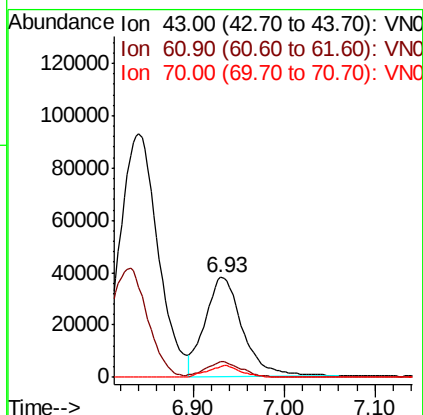
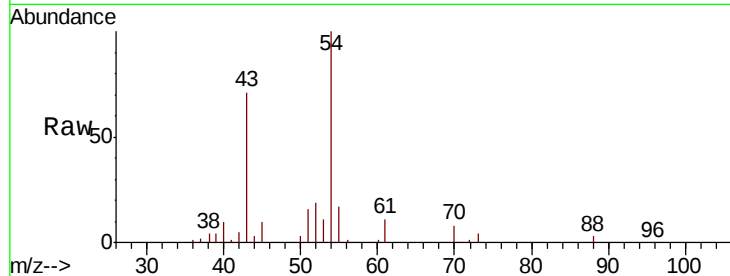




#37
Ethyl Acetate
Concen: 20.883 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

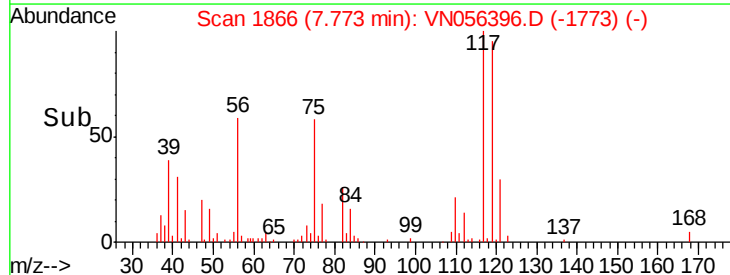
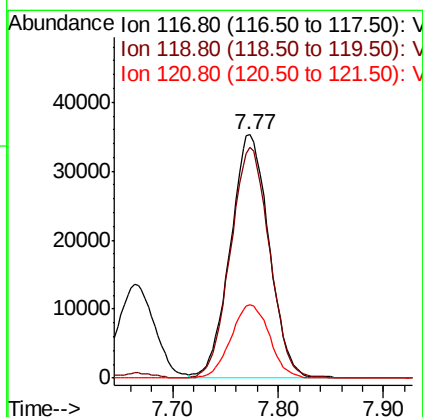
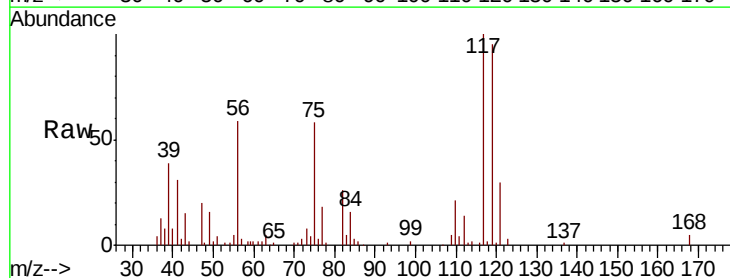
Instrument :
MSVOA_N
ClientSampled :

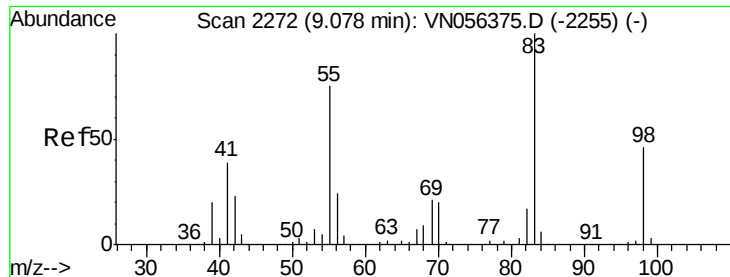
Tot Ion: 43 Resp: 108125
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.7 8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.574 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 117 Resp: 90185
Ion Ratio Lower Upper
117 100
119 94.8 79.1 118.7
121 30.1 24.8 37.2

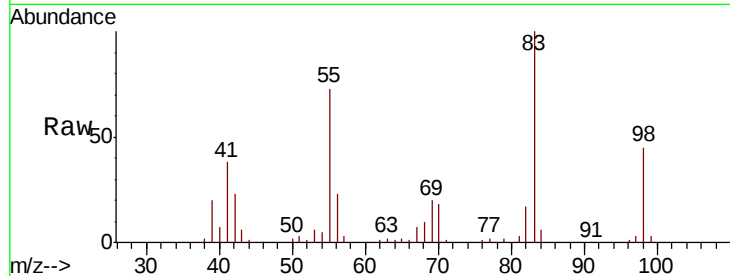




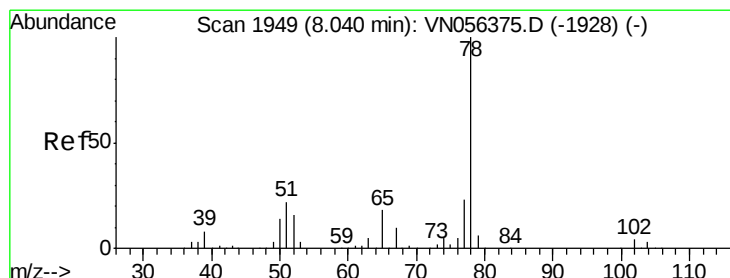
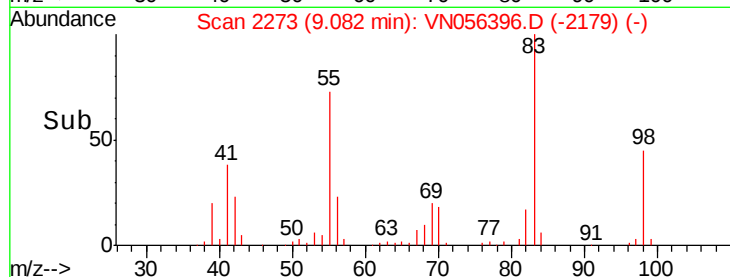
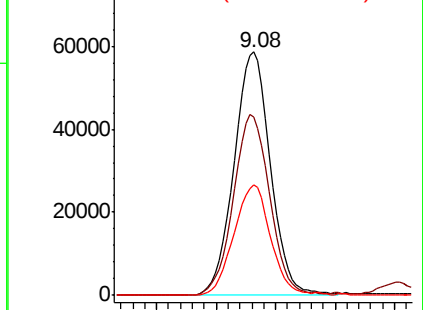
#39
Methvlcvclohexane
Concen: 19.181 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 124694
Ion Ratio Lower Upper
83 100
55 73.1 60.0 90.0
98 45.1 36.6 54.8

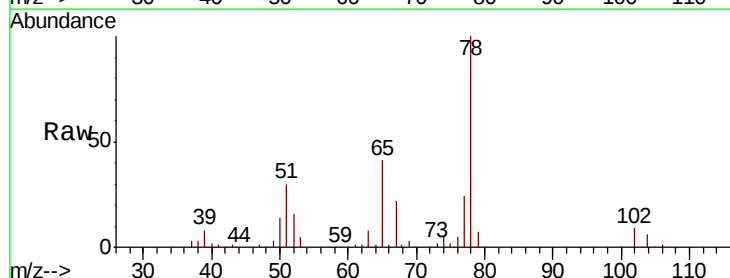


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

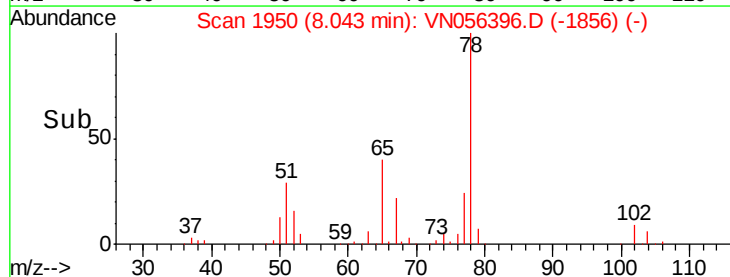
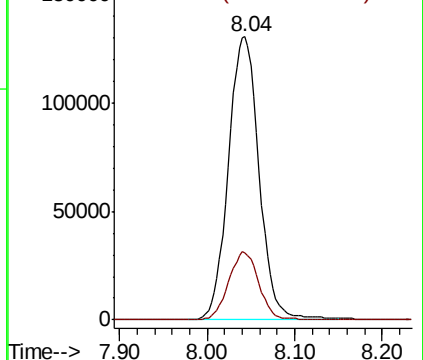


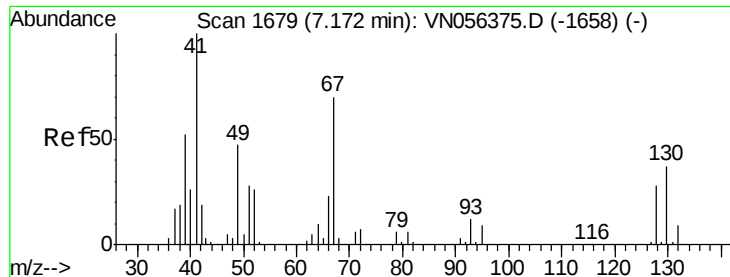
#40
Benzene
Concen: 19.627 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 78 Resp: 318075
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

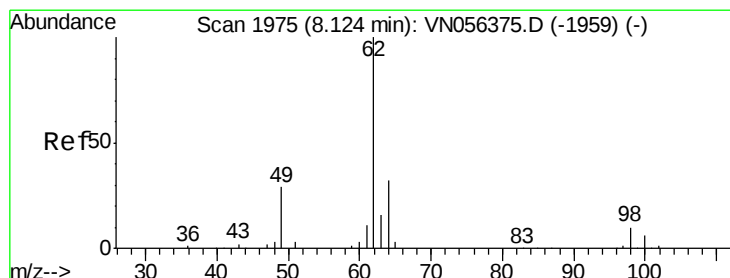
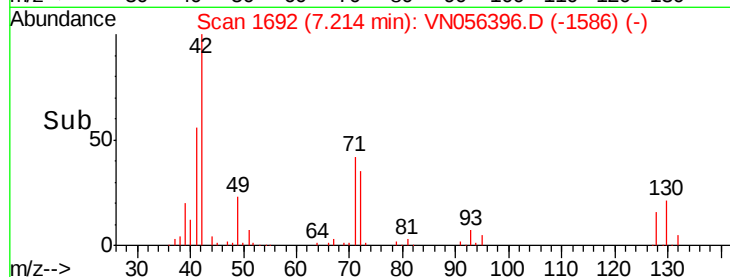
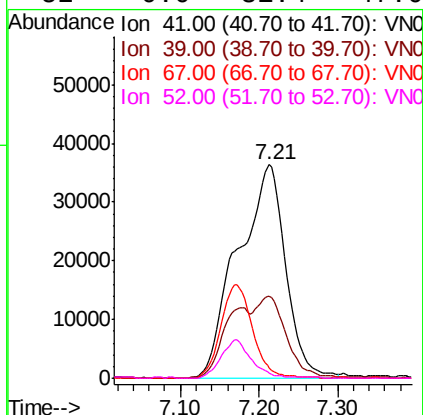
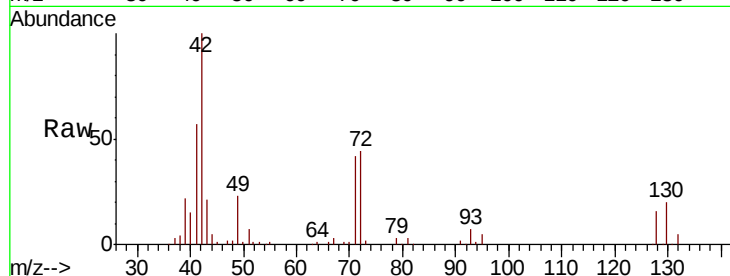




#41
Methacrylonitrile
Concen: 67.737 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

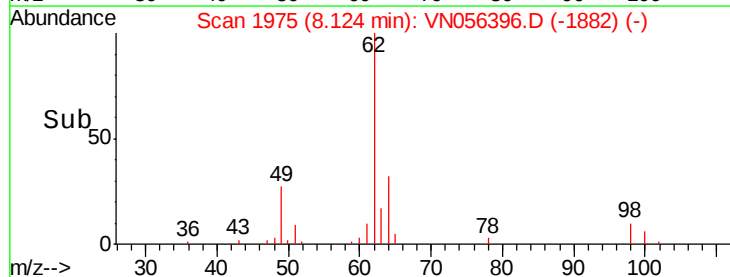
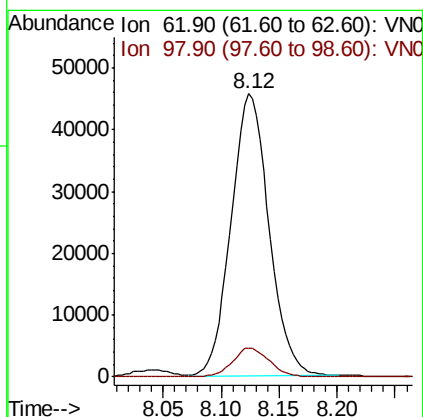
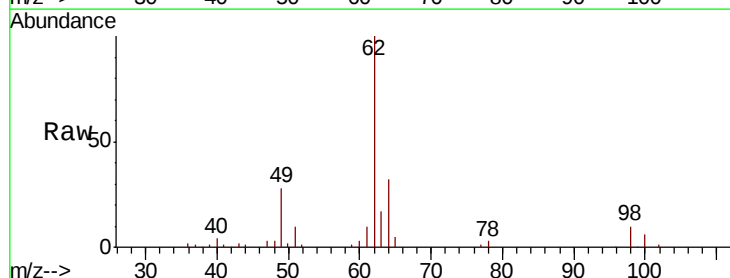
Instrument :
MSVOA_N
ClientSampleId :

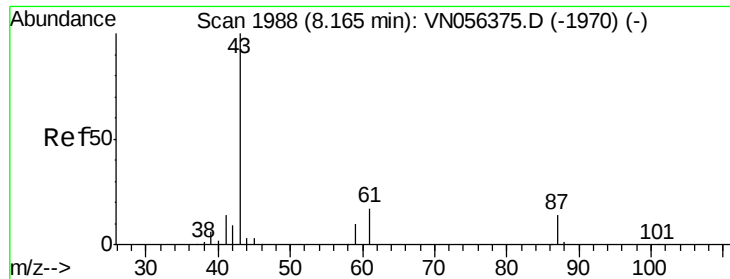
Tot Ion: 41 Resp: 154869
Ion Ratio Lower Upper
41 100
39 0.0 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#42
1,2-Dichloroethane
Concen: 19.341 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 62 Resp: 103443
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 20.013 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

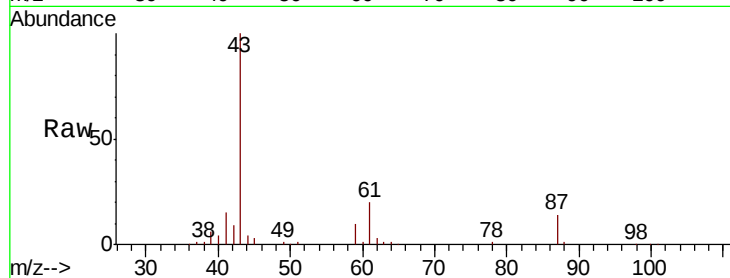
Tot Ion: 43 Resp: 159780

Ion Ratio Lower Upper

43 100

61 27.9 22.0 33.0

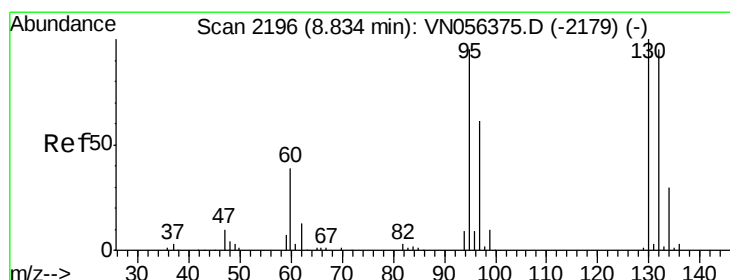
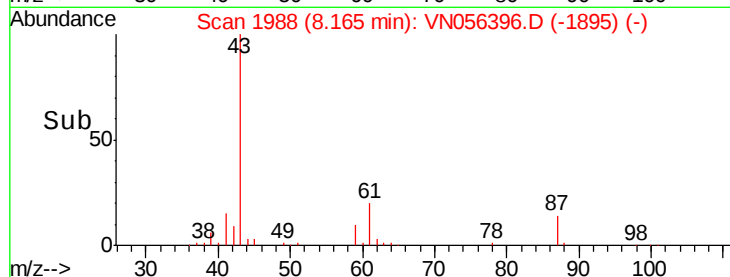
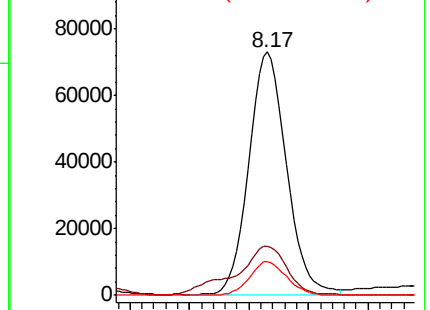
87 13.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 19.502 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056396.D

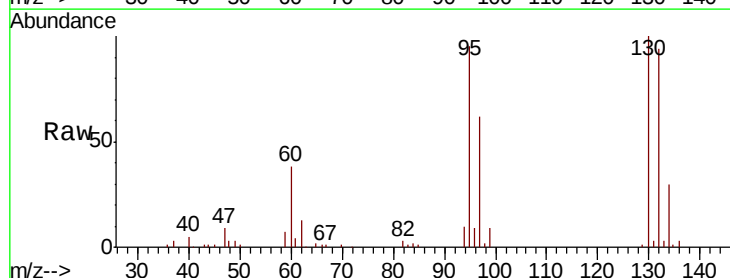
Acq: 20 Jun 2019 12:42

Tgt Ion:130 Resp: 85136

Ion Ratio Lower Upper

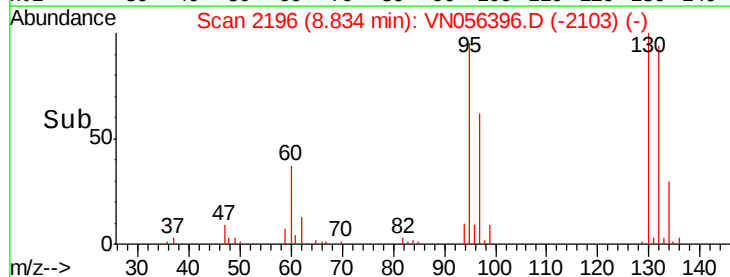
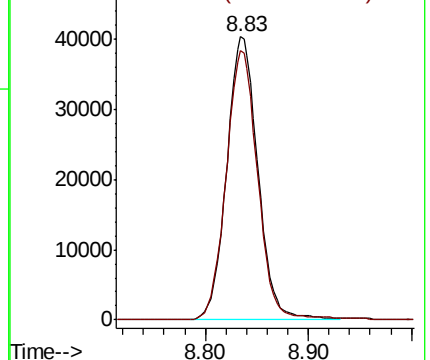
130 100

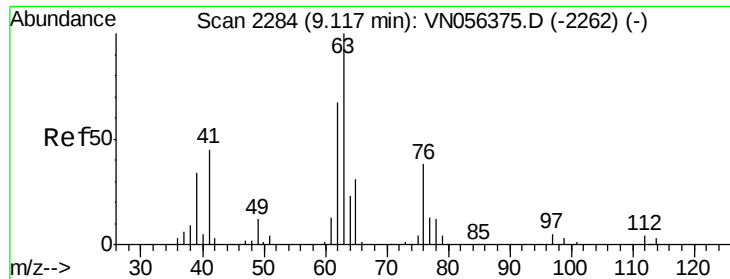
95 95.0 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)

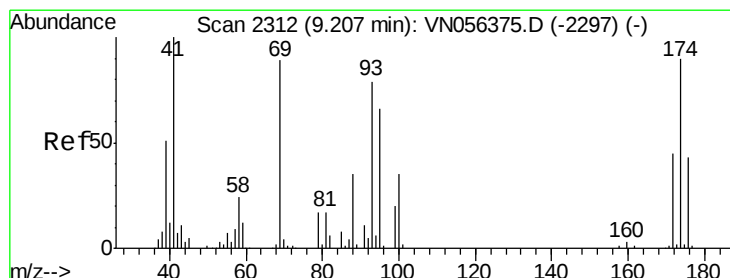
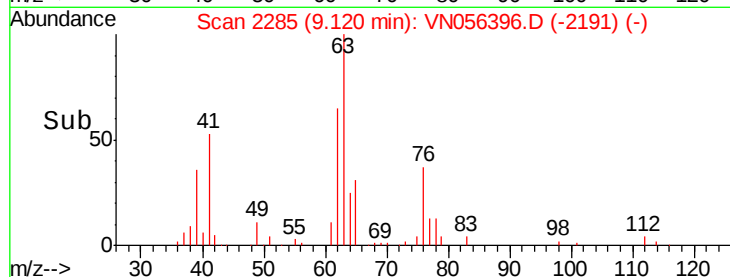
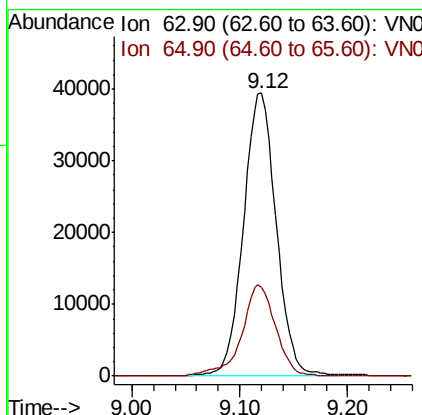
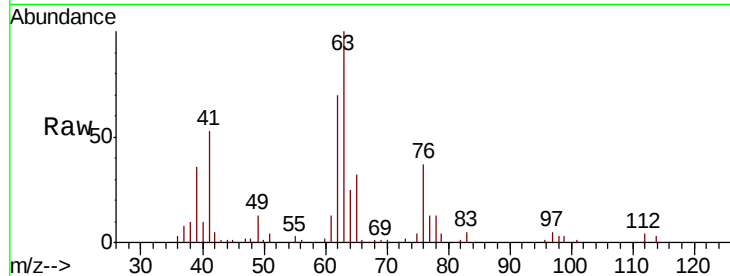




#45
 1,2-Dichloropropane
 Concen: 19.217 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

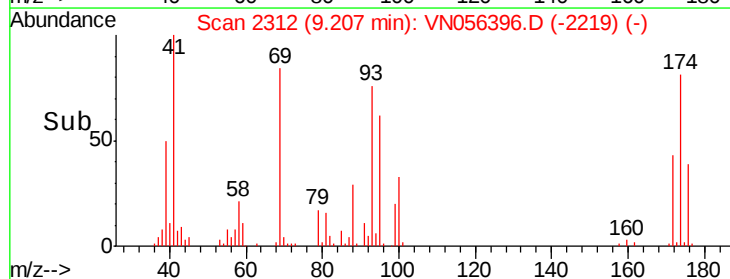
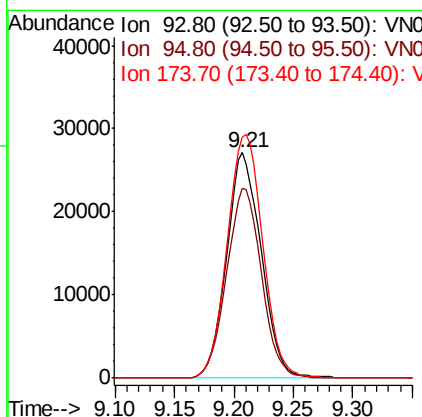
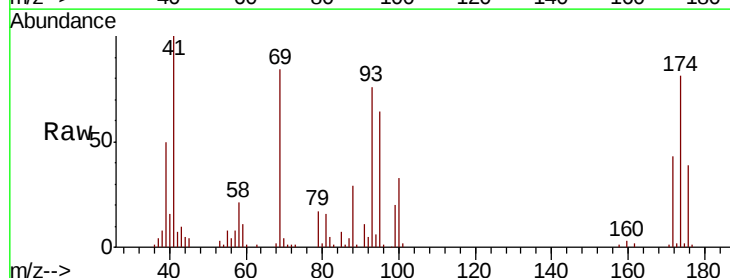
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 83289
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.6



#46
 Dibromomethane
 Concen: 20.195 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

Tgt Ion: 93 Resp: 54760
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.2 99.2
 174 111.0 90.8 136.2





#47

Bromodichloromethane

Concen: 19.925 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

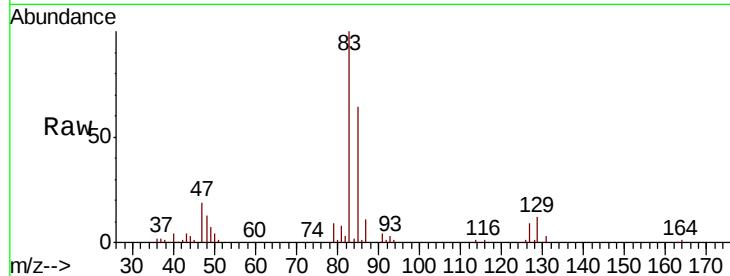
Tot Ion: 83 Resp: 95824

Ion Ratio Lower Upper

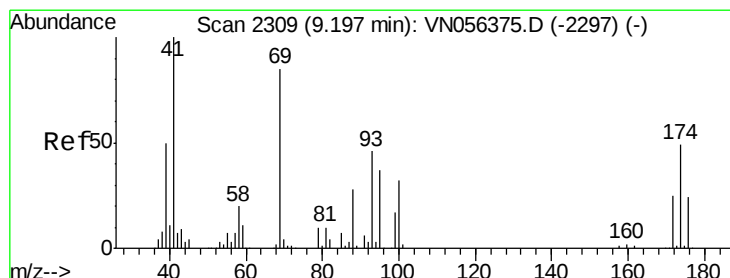
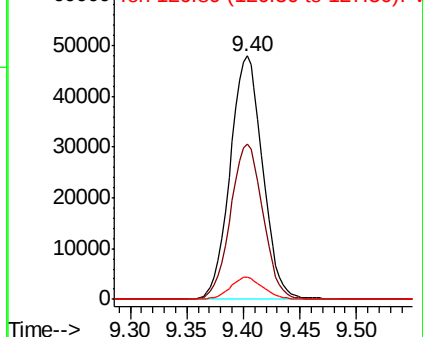
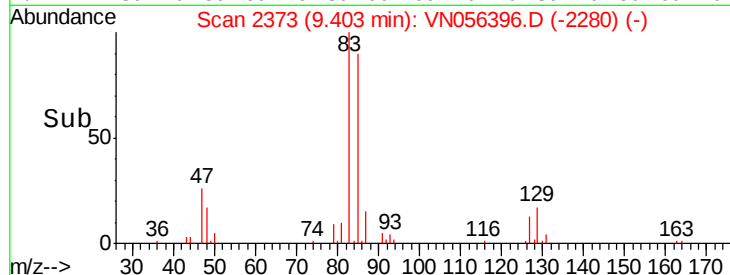
83 100

85 63.9 52.2 78.4

127 9.3 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056396.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.431 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

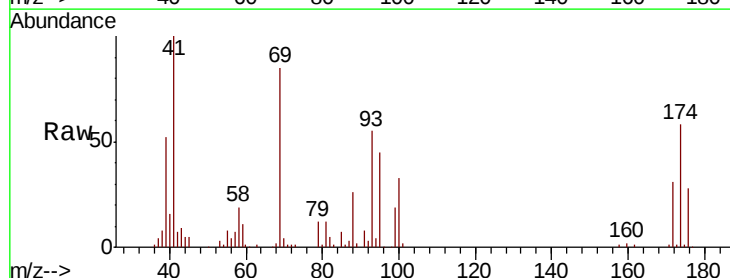
Tgt Ion: 41 Resp: 77741

Ion Ratio Lower Upper

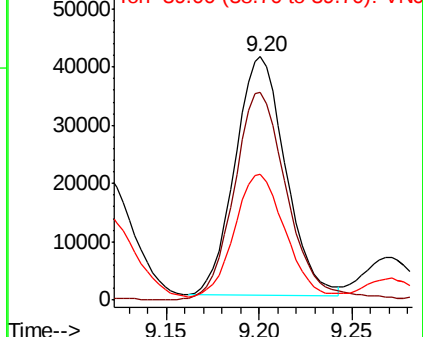
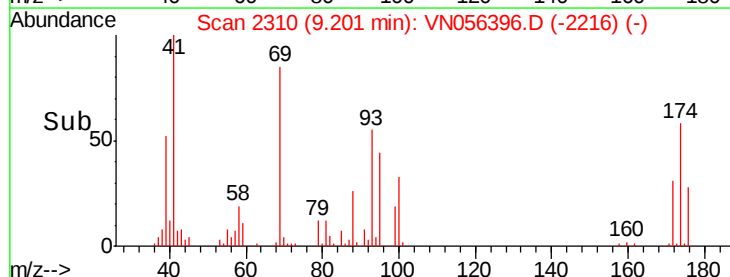
41 100

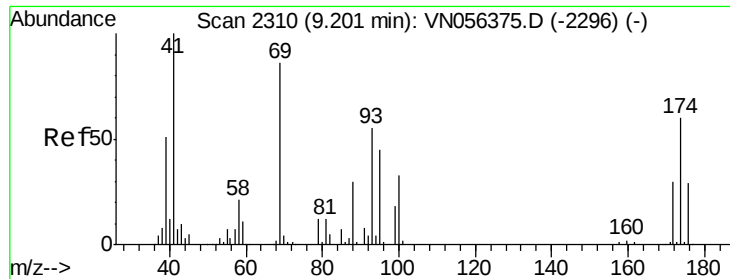
69 91.5 72.6 109.0

39 53.1 42.6 63.8



Abundance Ion 41.00 (40.70 to 41.70): VN056396.D (-2216) (-)





#49

1,4-Dioxane

Concen: 336.531 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

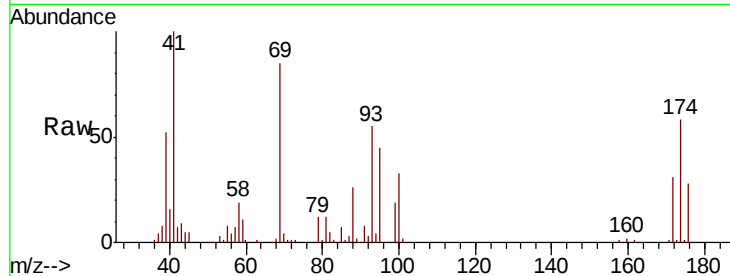
Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 27941

Ion	Ratio	Lower	Upper
88	100		
43	28.9	22.0	33.0
58	70.7	51.8	77.8

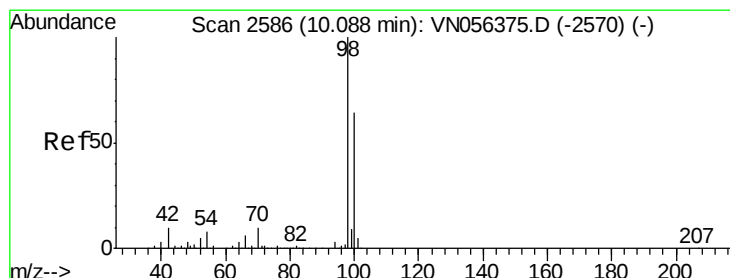
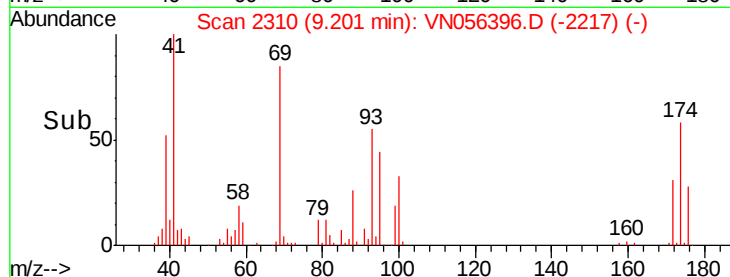
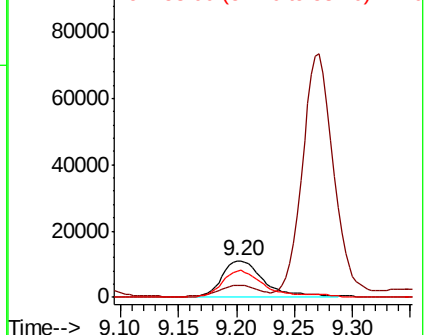


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.381 ug/l

RT: 10.09 min Scan# 2587

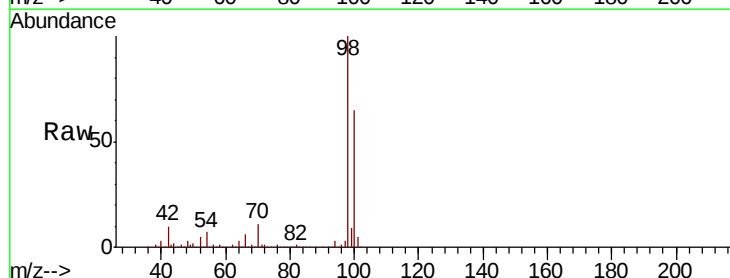
Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Tgt Ion: 98 Resp: 717496

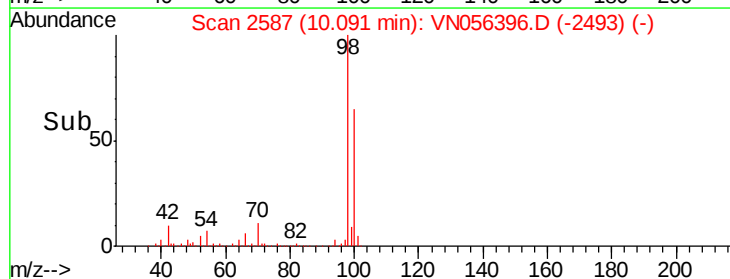
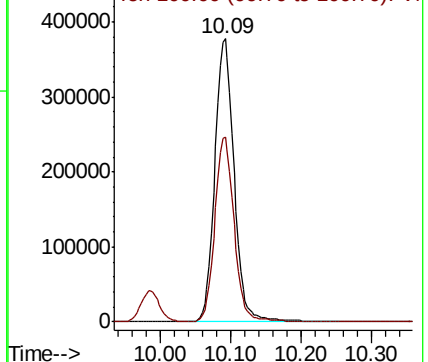
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2

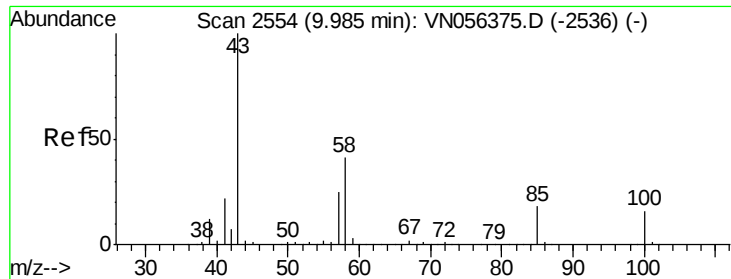


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 101.136 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

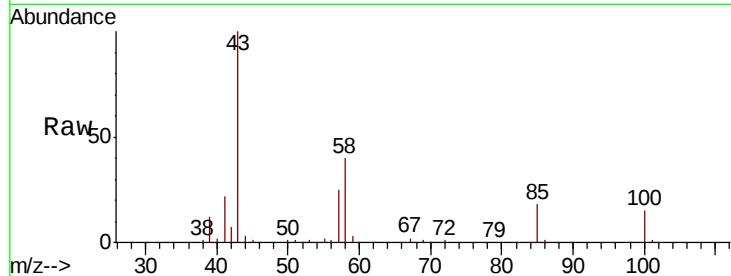
ClientSampled :

Tot Ion: 43 Resp: 521159

Ion Ratio Lower Upper

43 100

58 40.1 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

250000

200000

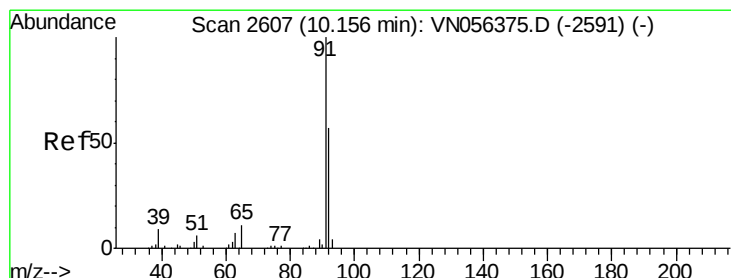
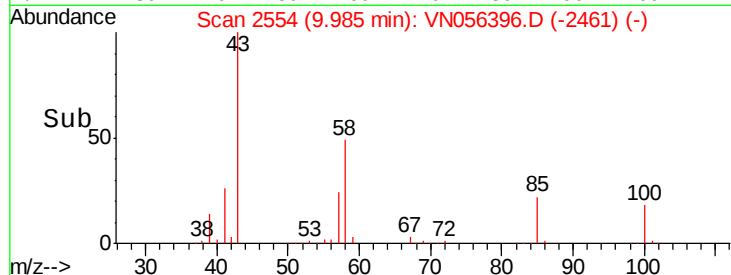
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.750 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056396.D

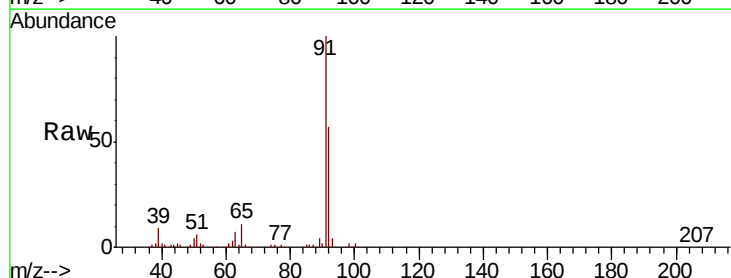
Acq: 20 Jun 2019 12:42

Tgt Ion: 92 Resp: 195684

Ion Ratio Lower Upper

92 100

91 175.8 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

200000

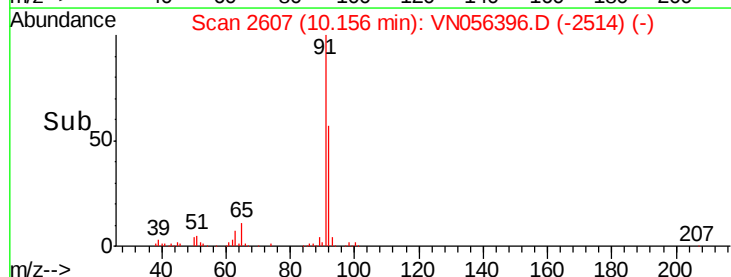
150000

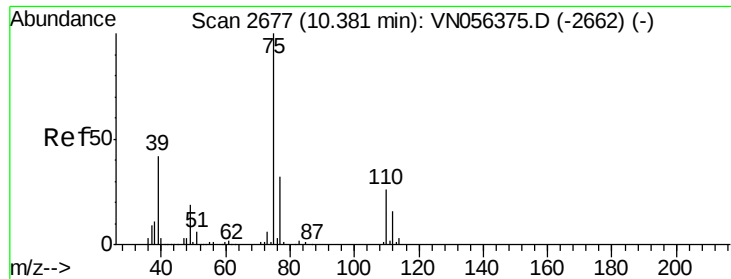
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.046 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

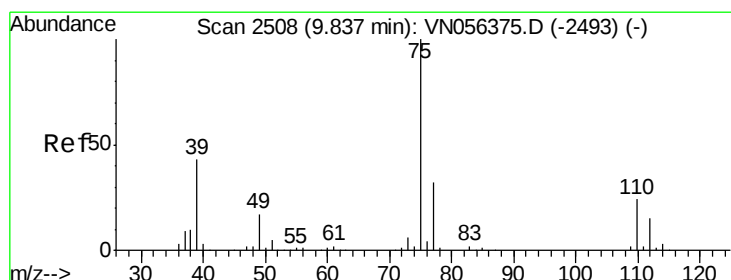
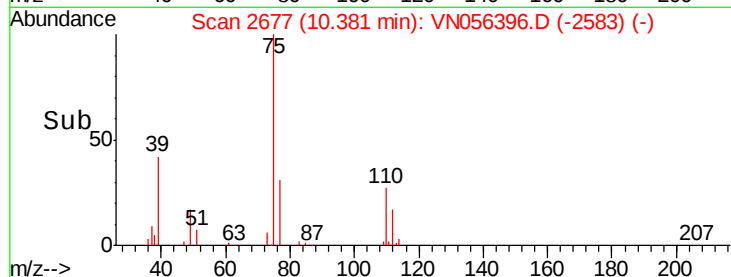
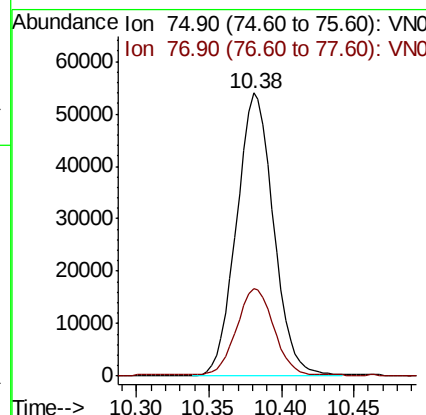
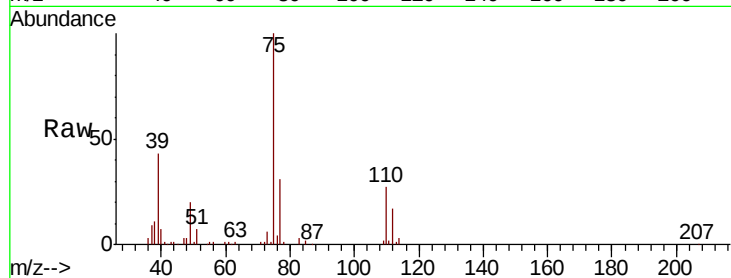
ClientSampleId :

Tot Ion: 75 Resp: 96040

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.485 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

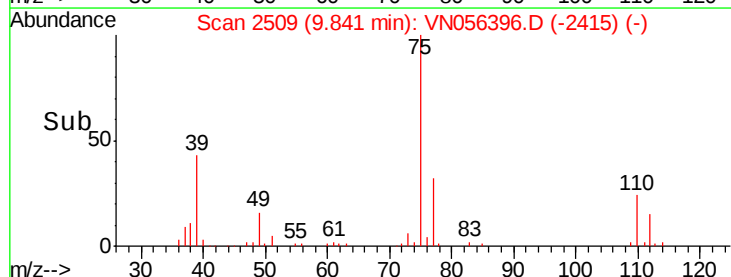
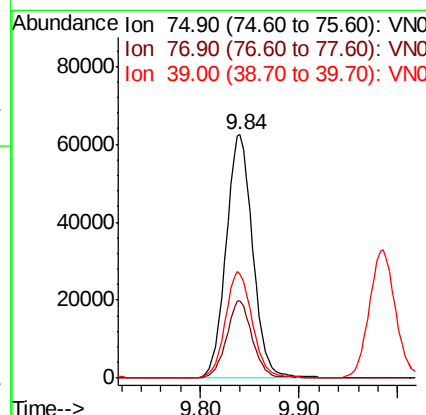
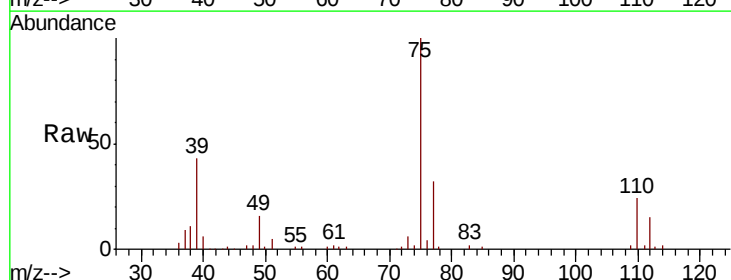
Tgt Ion: 75 Resp: 118638

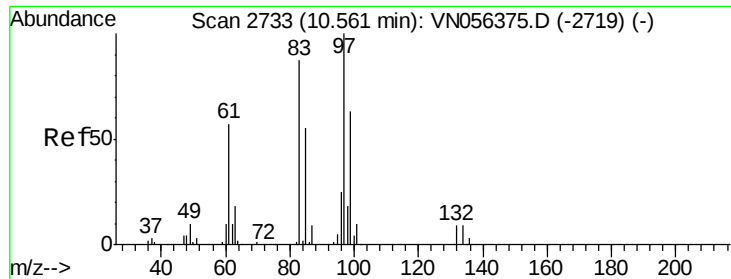
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 43.0 34.2 51.4

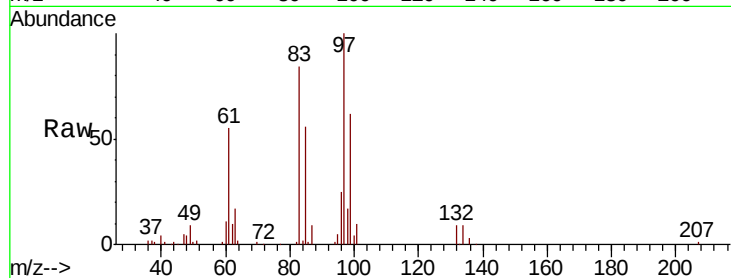




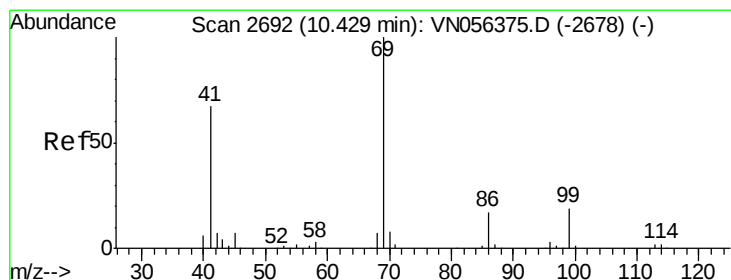
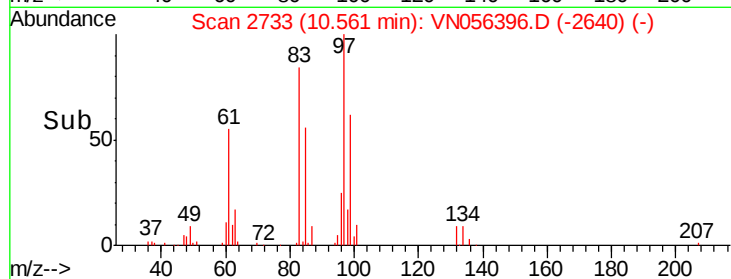
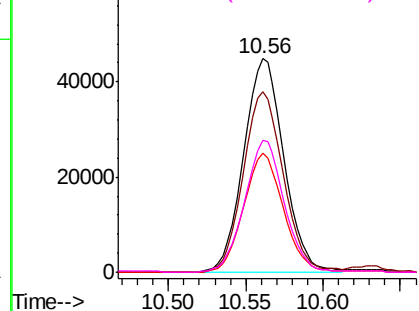
#55
1,1,2-Trichloroethane
Concen: 20.371 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 97 Resp: 81132
Ion Ratio Lower Upper
97 100
83 84.3 69.8 104.6
85 55.6 43.8 65.8
99 61.7 50.2 75.2

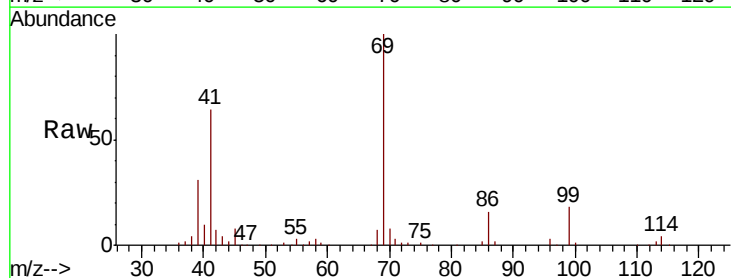


Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 98.90 (98.60 to 99.60): VN0

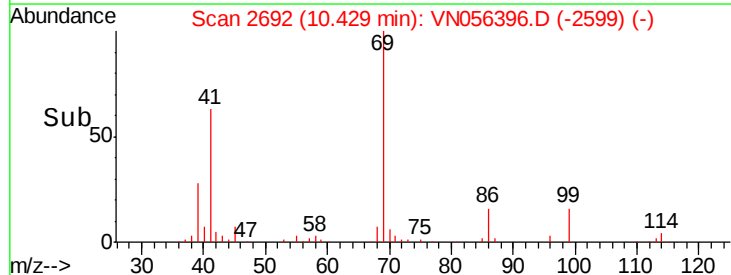
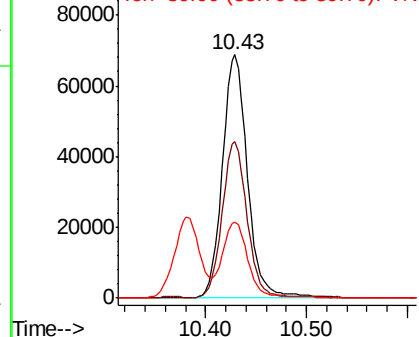


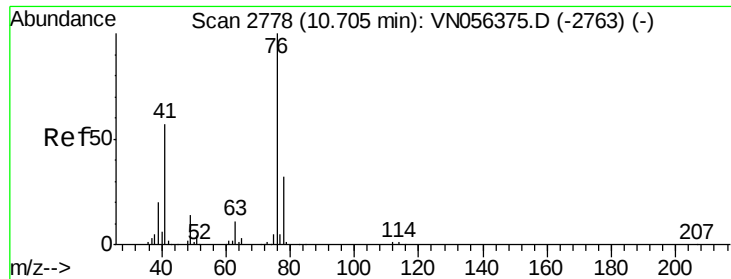
#56
Ethyl methacrylate
Concen: 20.607 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 69 Resp: 119937
Ion Ratio Lower Upper
69 100
41 62.6 51.4 77.2
39 31.3 24.7 37.1



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

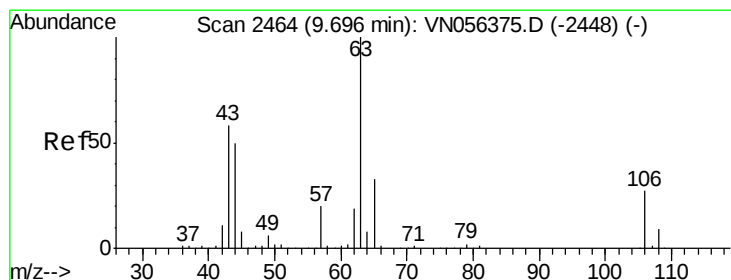
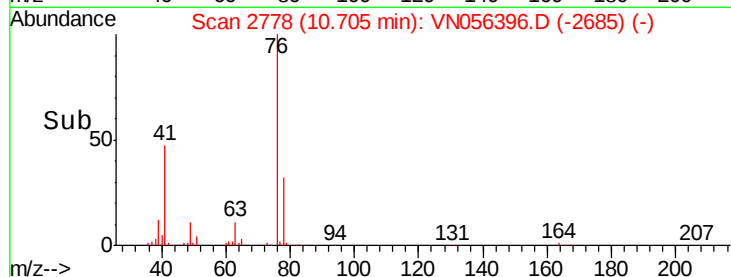
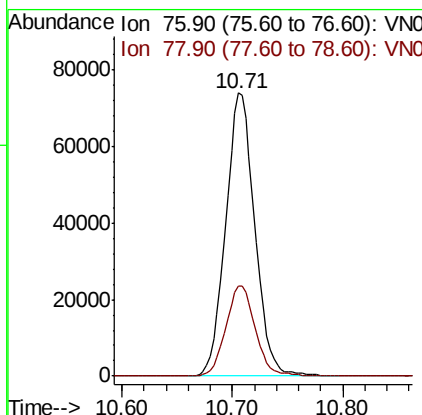
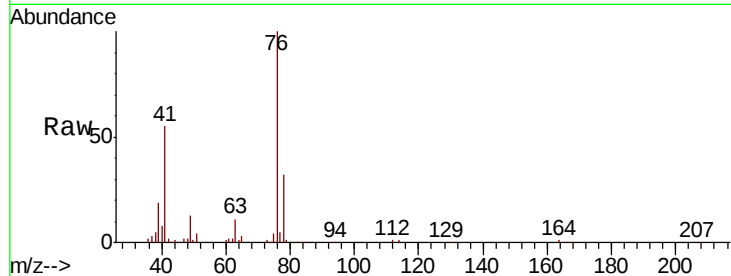




#57
 1,3-Dichloropropane
 Concen: 20.201 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

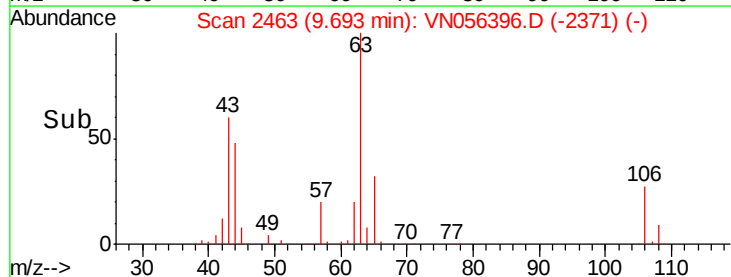
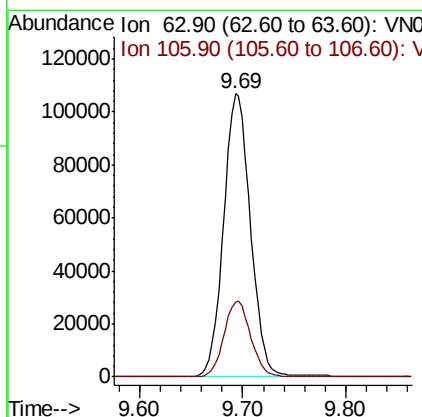
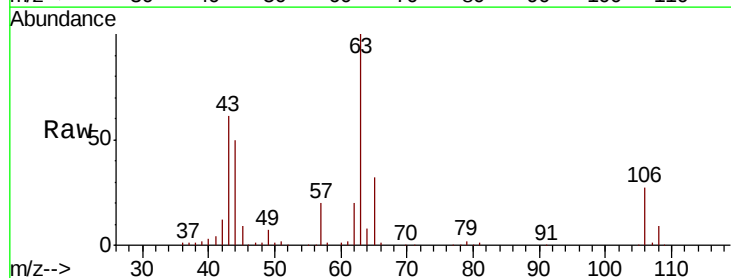
Instrument :
 MSVOA_N
 ClientSampled :

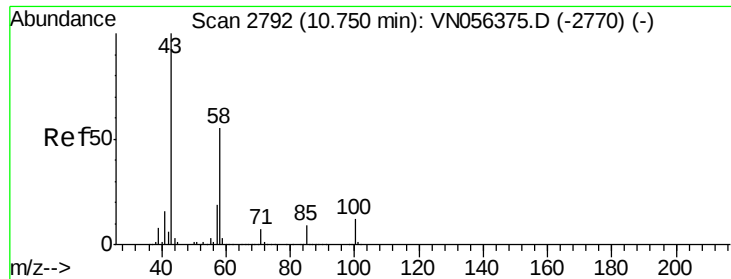
Tot Ion: 76 Resp: 135158
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.961 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

Tgt Ion: 63 Resp: 194378
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.6 32.4

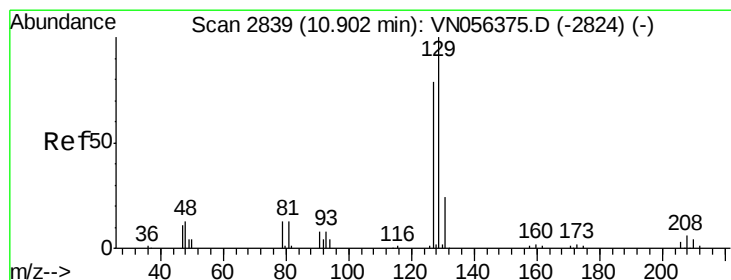
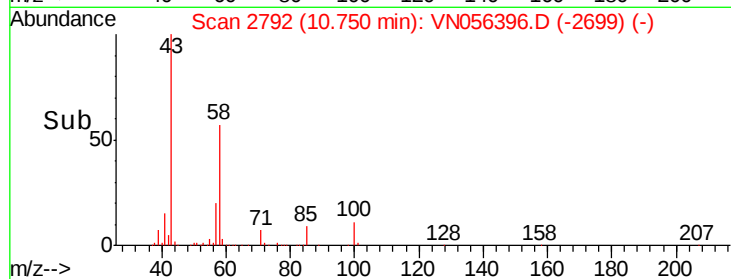
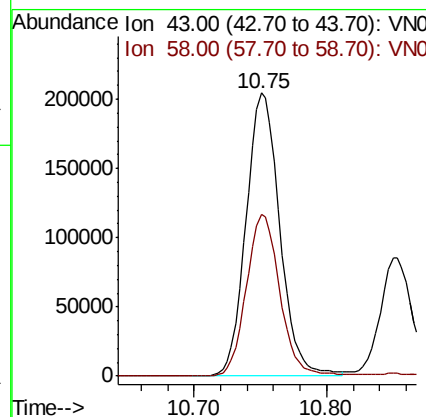
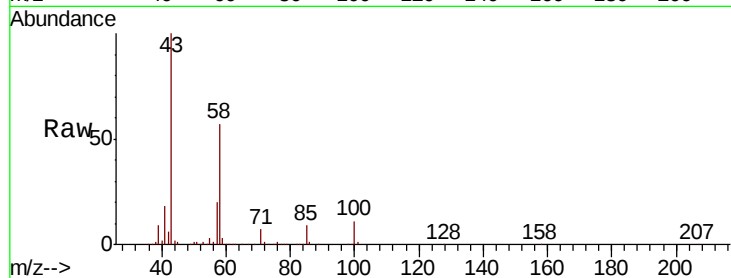




#59
2-Hexanone
Concen: 95.159 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

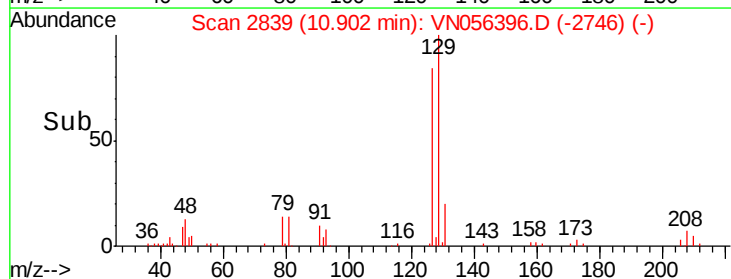
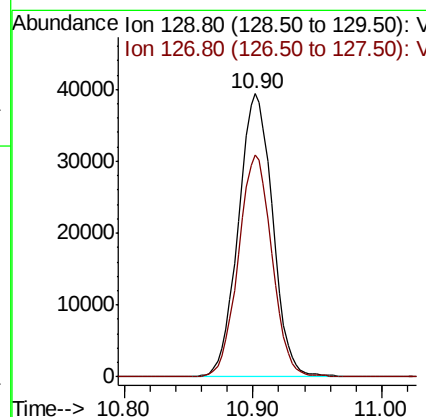
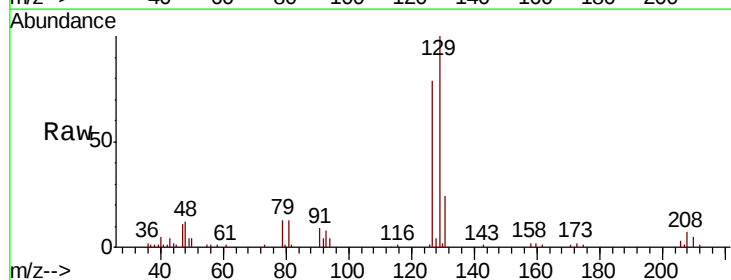
Instrument :
MSVOA_N
ClientSampleId :

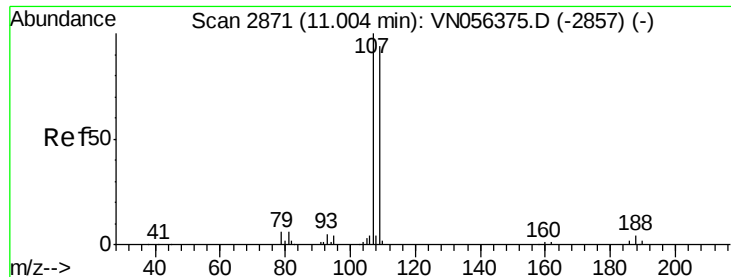
Tot Ion: 43 Resp: 360399
Ion Ratio Lower Upper
43 100
58 57.1 27.8 83.4



#60
Dibromochloromethane
Concen: 19.314 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 129 Resp: 72782
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.059 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

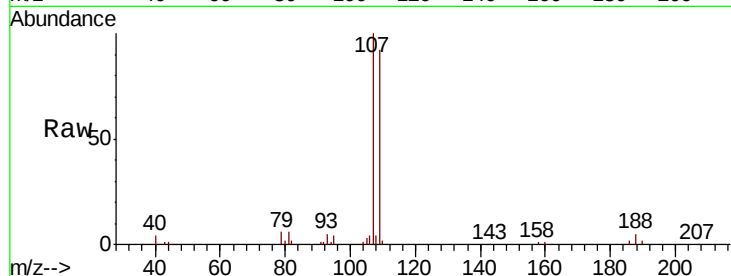
ClientSampleId :

Tot Ion:107 Resp: 81591

Ion Ratio Lower Upper

107 100

109 95.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

50000

40000

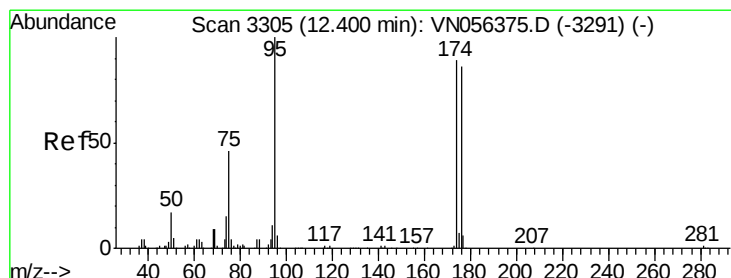
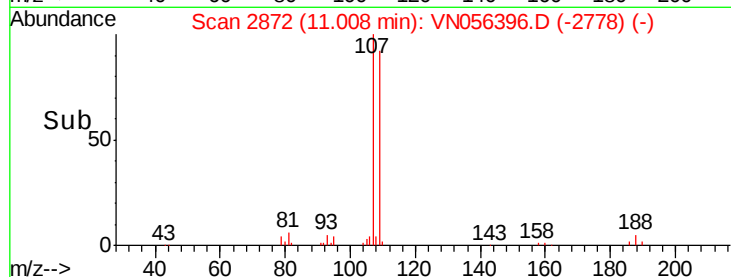
30000

20000

10000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 48.398 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

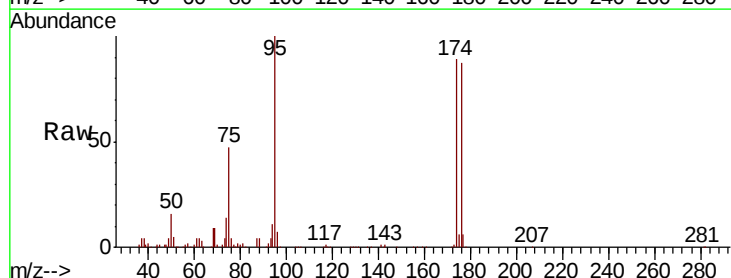
Tgt Ion: 95 Resp: 234425

Ion Ratio Lower Upper

95 100

174 89.5 0.0 179.4

176 87.2 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

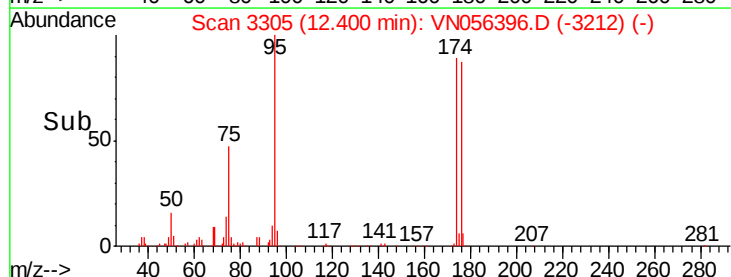
150000

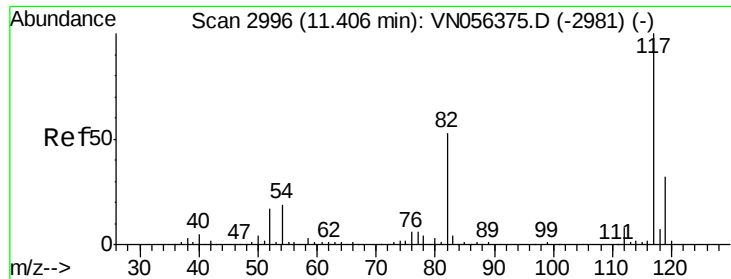
100000

50000

0

Time--> 12.35 12.40 12.45

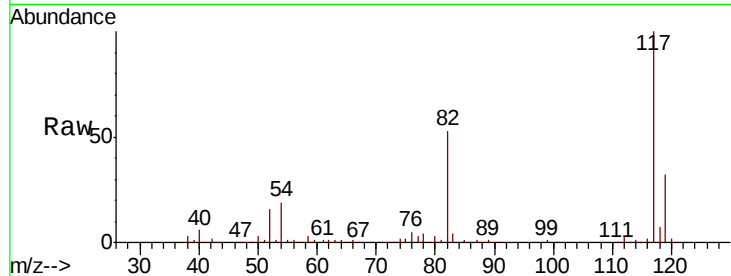




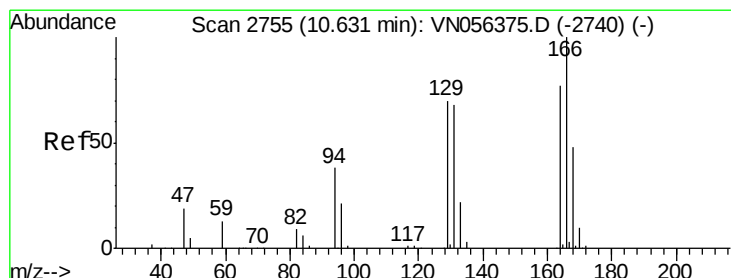
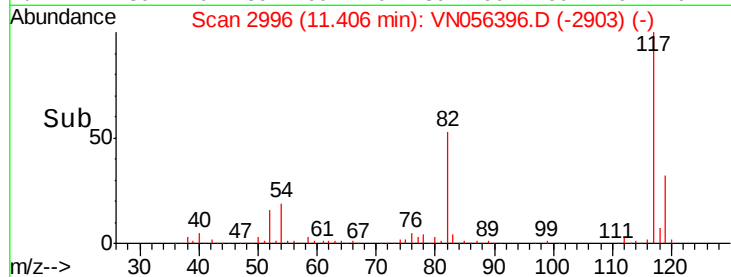
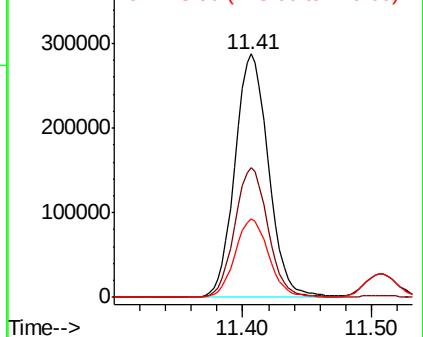
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 521375
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 32.0 25.3 37.9

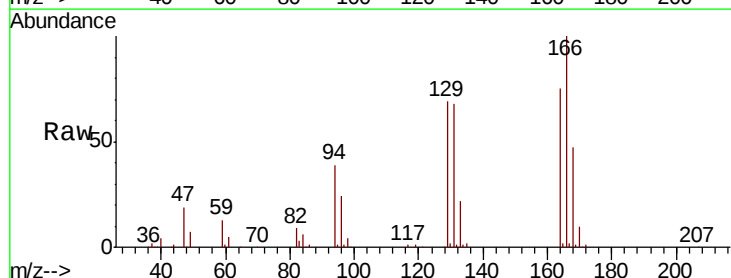


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

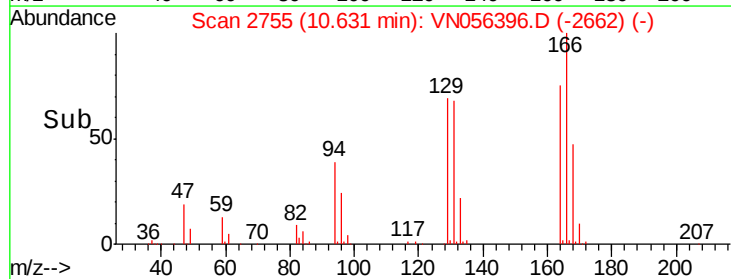
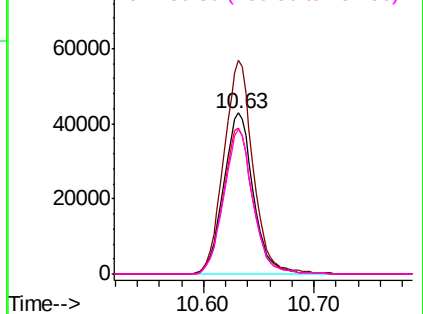


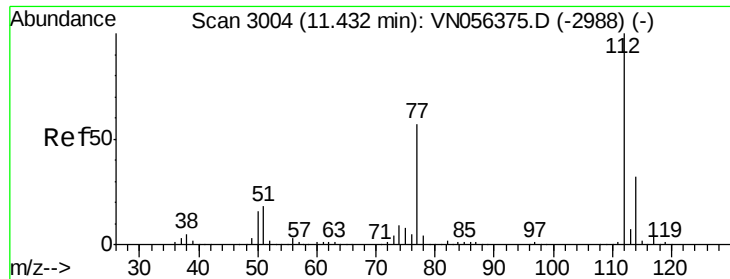
#64
Tetrachloroethene
Concen: 19.432 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion:164 Resp: 80233
Ion Ratio Lower Upper
164 100
166 132.9 103.4 155.0
129 91.2 72.0 108.0
131 90.0 70.2 105.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

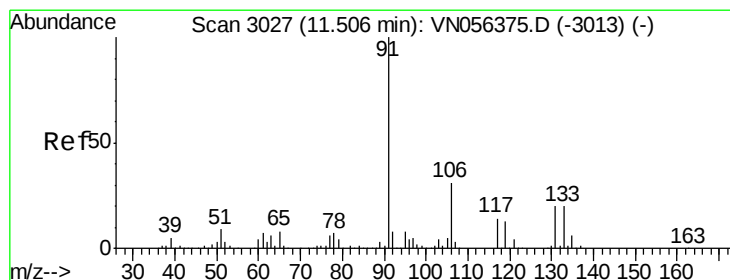
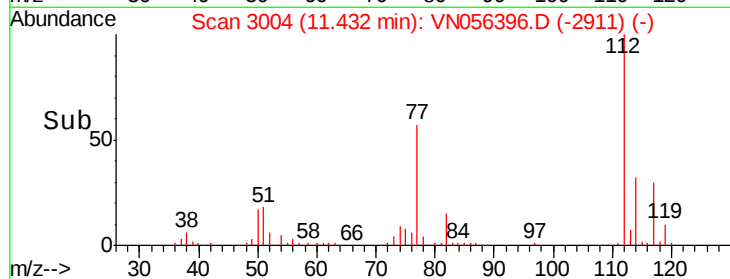
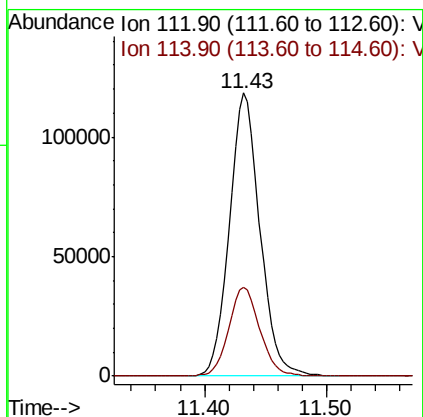
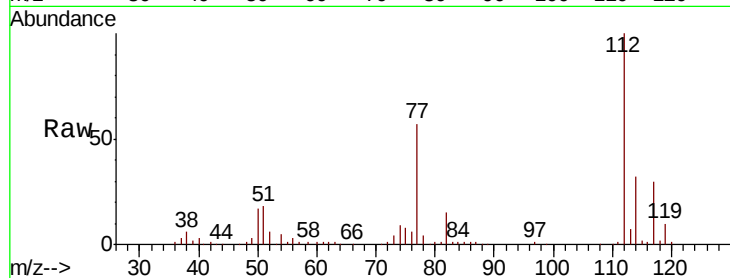




#65
Chlorobenzene
Concen: 19.712 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

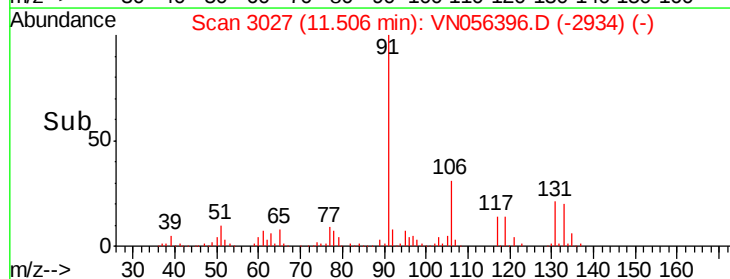
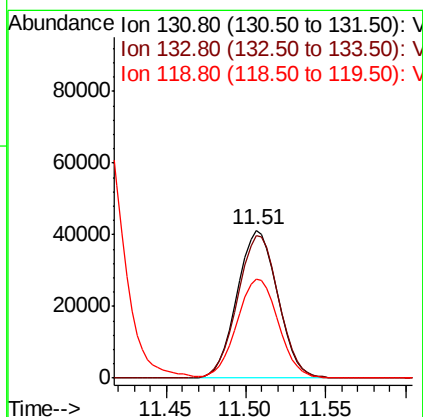
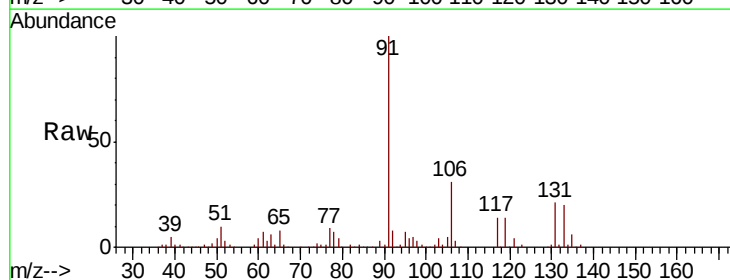
Instrument :
MSVOA_N
ClientSampled :

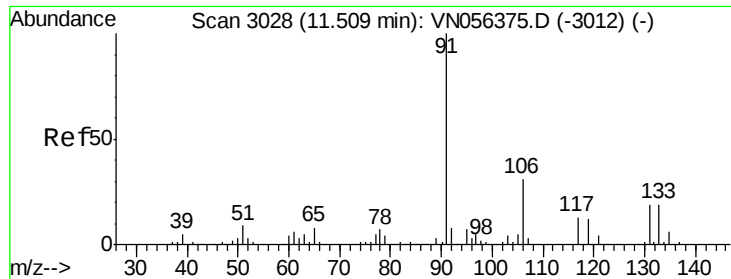
Tot Ion:112 Resp: 206507
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.240 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion:131 Resp: 71664
Ion Ratio Lower Upper
131 100
133 97.8 47.4 142.2
119 68.5 32.8 98.4

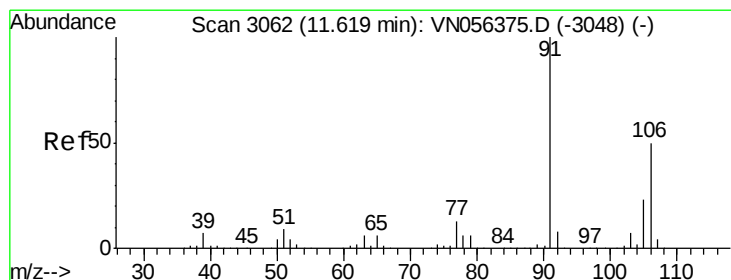
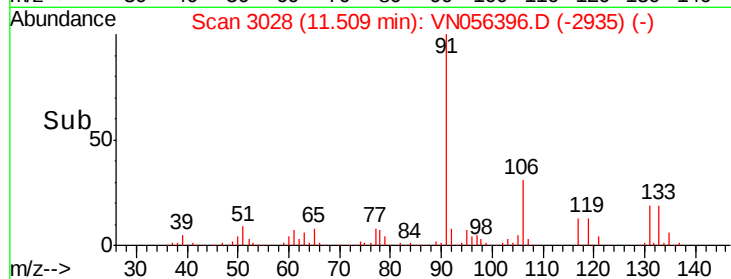
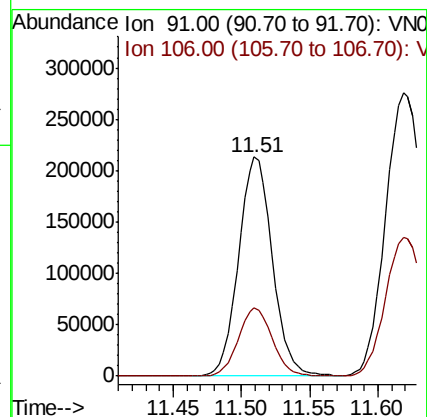
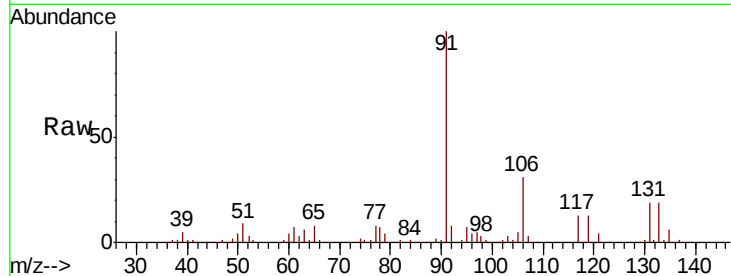




#67
Ethyl Benzene
Concen: 19.929 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

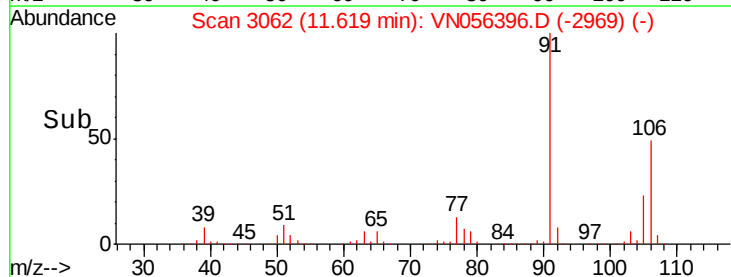
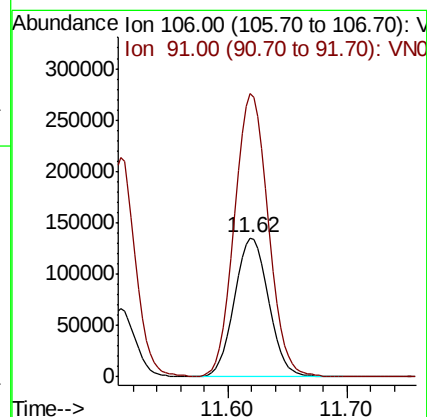
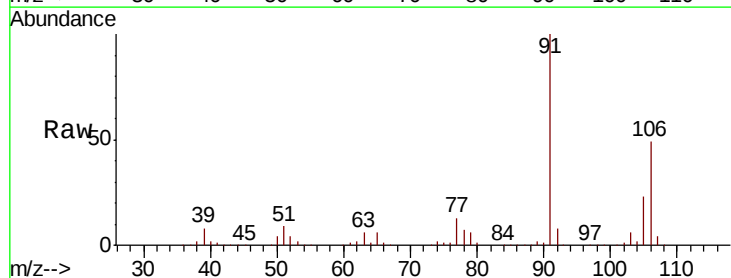
Instrument :
MSVOA_N
ClientSampled :

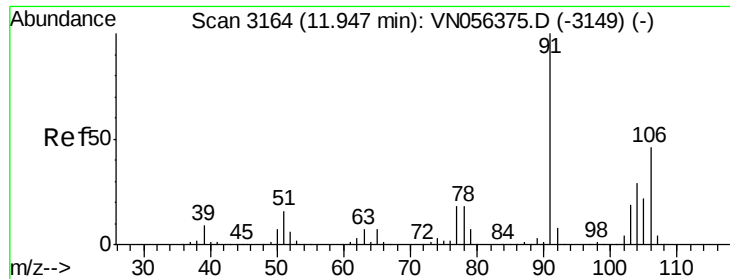
Tot Ion: 91 Resp: 366584
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 40.030 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion: 106 Resp: 269855
Ion Ratio Lower Upper
106 100
91 201.1 160.1 240.1

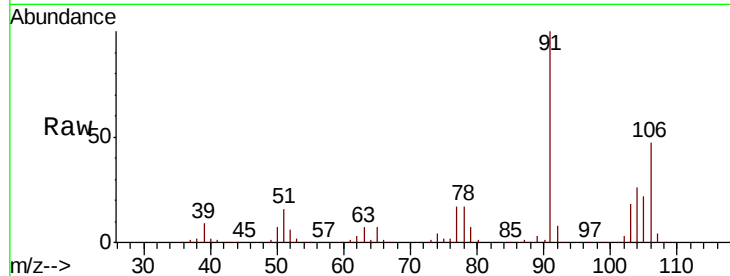




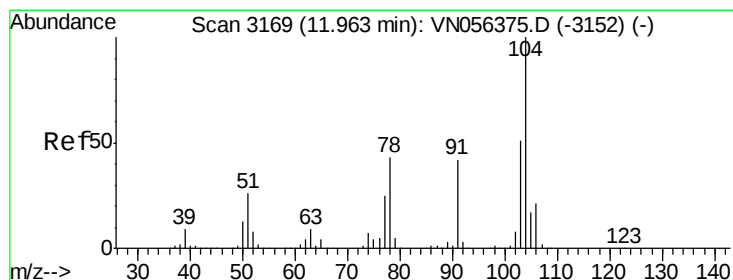
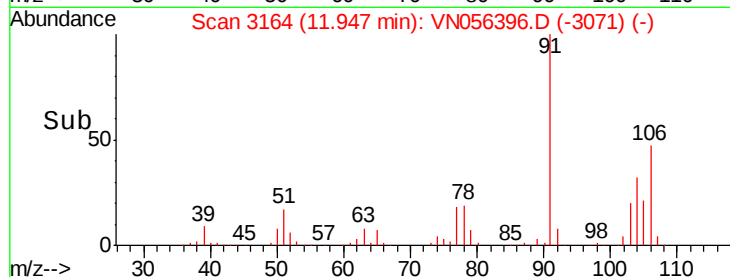
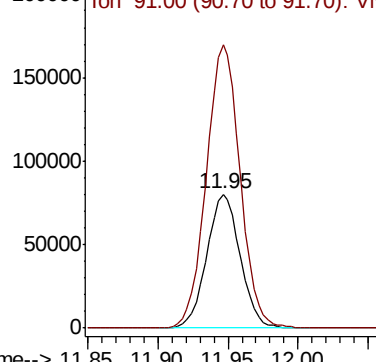
#69
o-Xylene
Concen: 19.945 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 133019
Ion Ratio Lower Upper
106 100
91 214.0 107.1 321.3

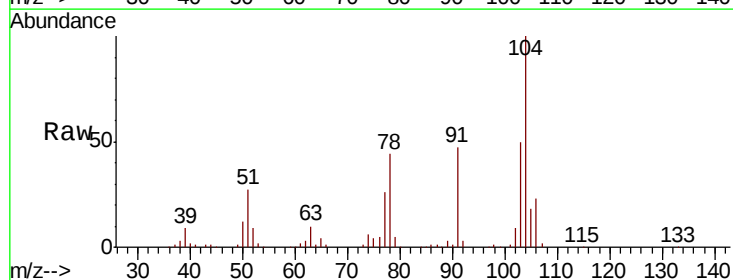


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

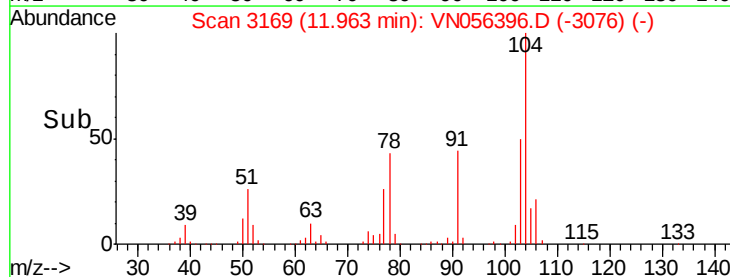
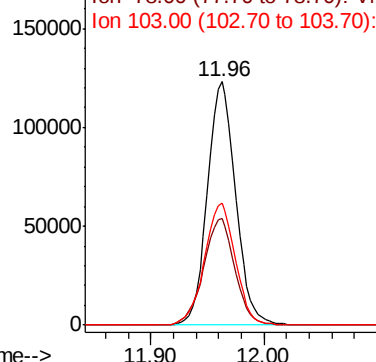


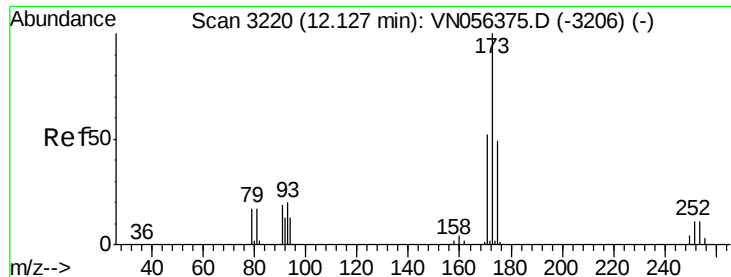
#70
Styrene
Concen: 20.172 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion:104 Resp: 215048
Ion Ratio Lower Upper
104 100
78 48.3 38.6 57.8
103 54.6 43.9 65.9



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





#71

Bromoform

Concen: 19.061 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

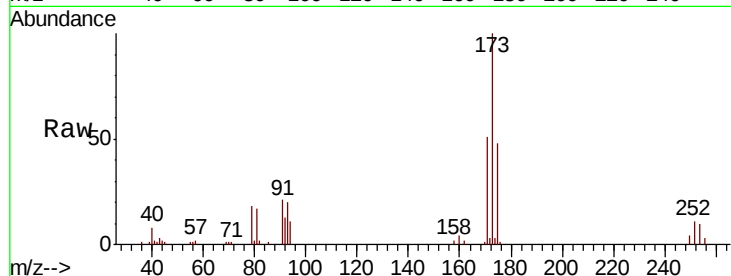
Tot Ion:173 Resp: 48520

Ion Ratio Lower Upper

173 100

175 46.8 24.4 73.4

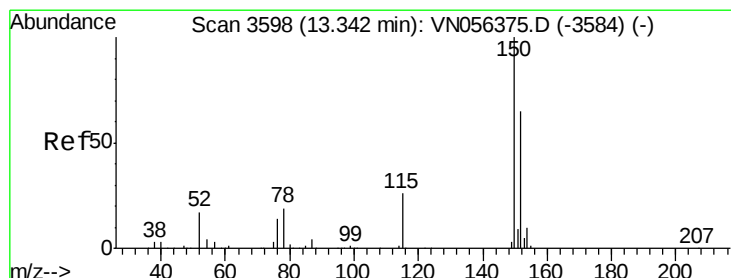
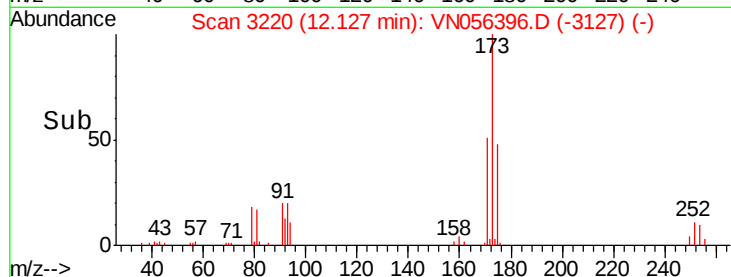
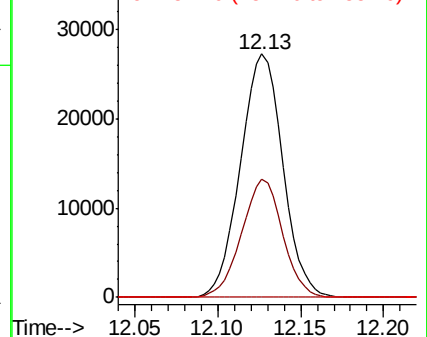
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

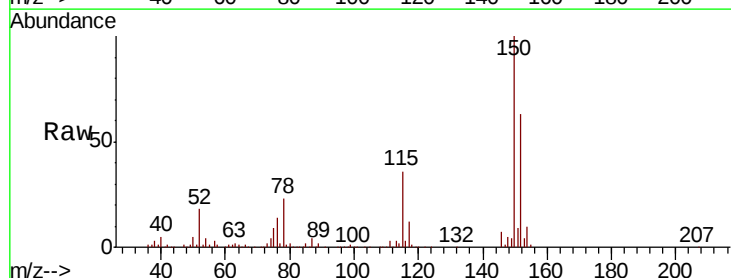
Tgt Ion:152 Resp: 194379

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.4

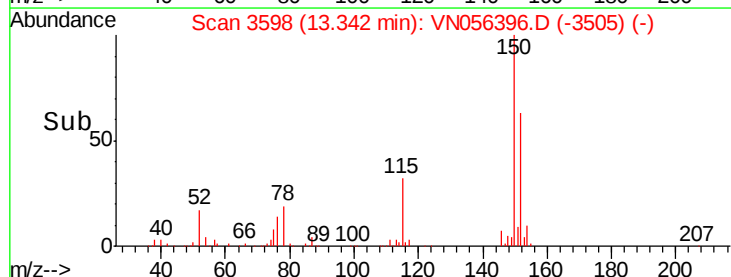
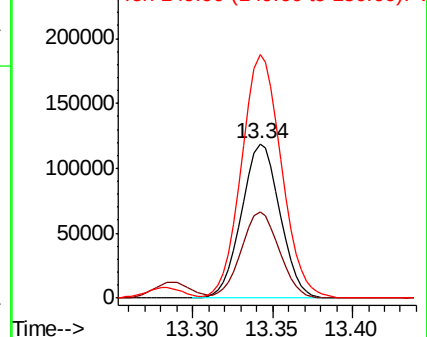
150 163.7 0.0 348.4

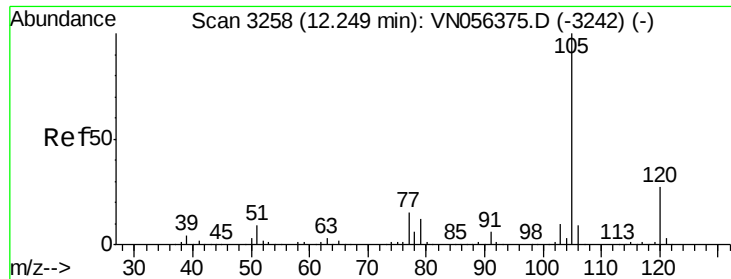


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.825 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

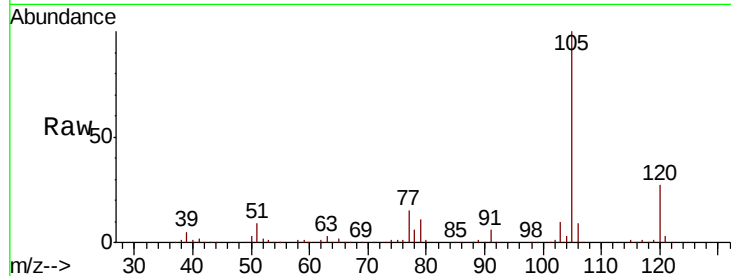
ClientSampleId :

Tot Ion:105 Resp: 354562

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

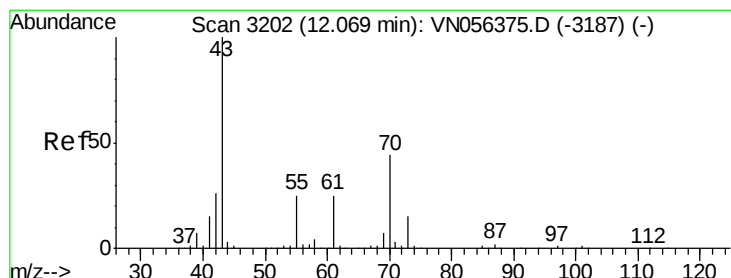
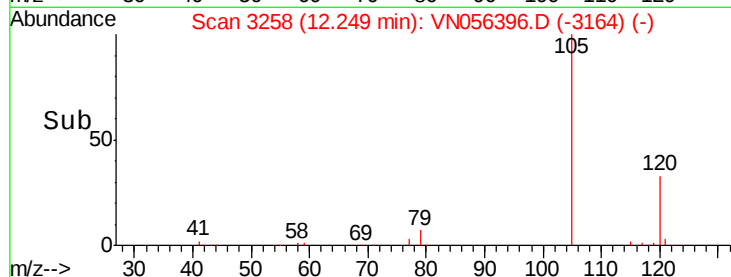
150000

100000

50000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 20.571 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Tgt Ion: 43 Resp: 127256

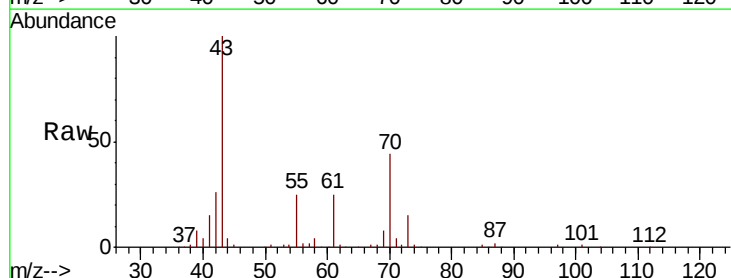
Ion Ratio Lower Upper

43 100

70 44.5 34.9 52.3

55 26.0 20.4 30.6

61 24.4 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

120000

100000

80000

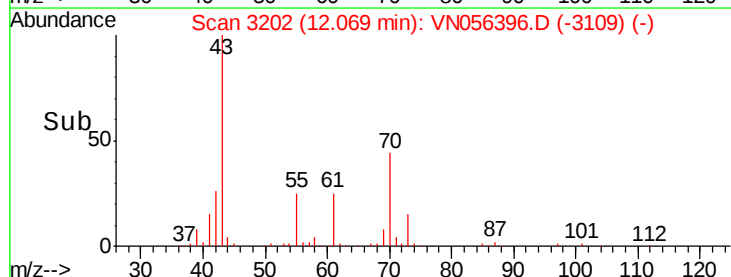
60000

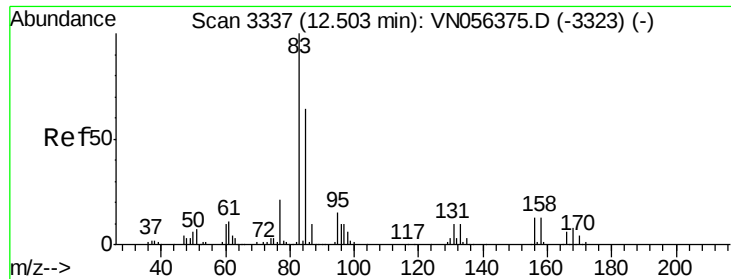
40000

20000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 22.740 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

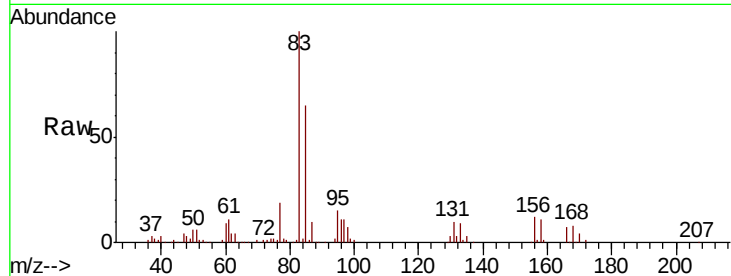
Tot Ion: 83 Resp: 110358

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

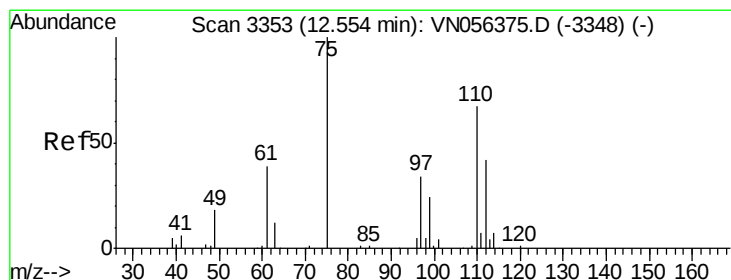
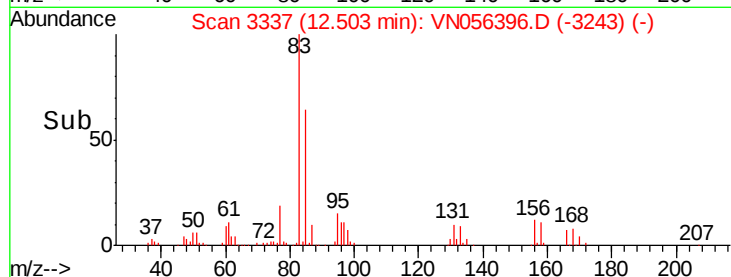
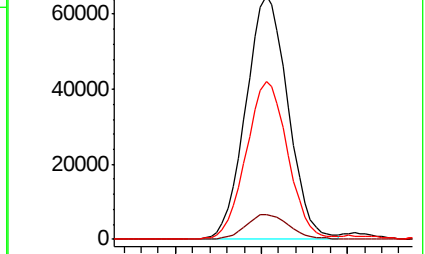
85 63.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056396.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN056396.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN056396.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 30.915 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056396.D

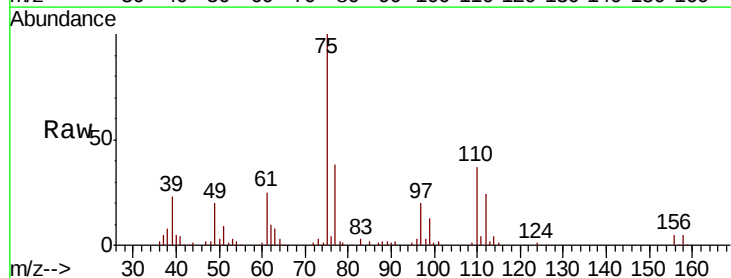
Acq: 20 Jun 2019 12:42

Tgt Ion: 75 Resp: 124601

Ion Ratio Lower Upper

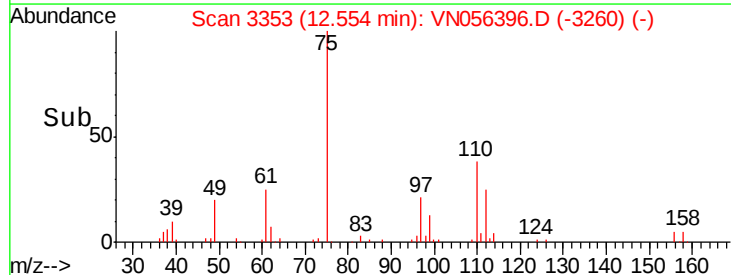
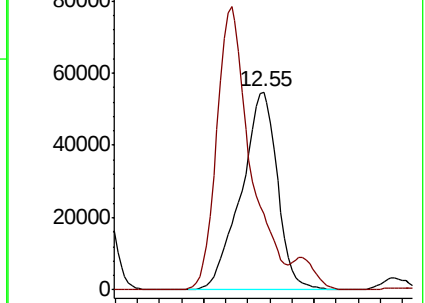
75 100

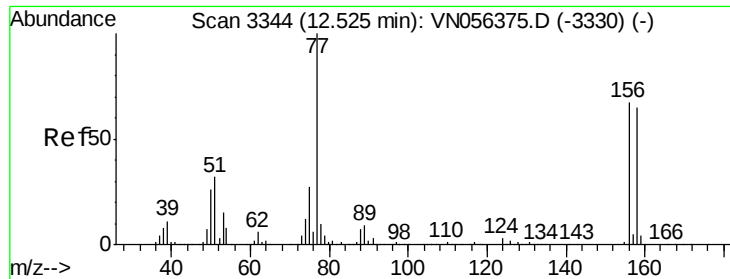
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056396.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN056396.D (-3260) (-)





#77

Bromobenzene

Concen: 20.894 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

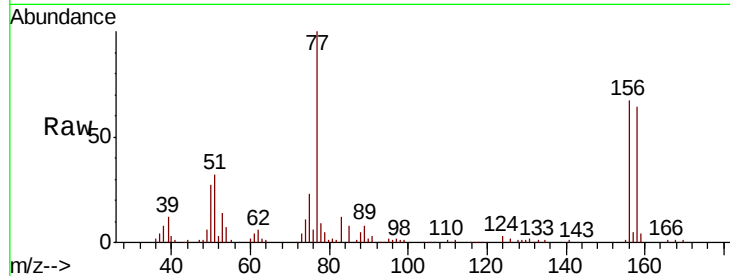
Tot Ion:156 Resp: 90813

Ion Ratio Lower Upper

156 100

77 183.0 92.5 277.3

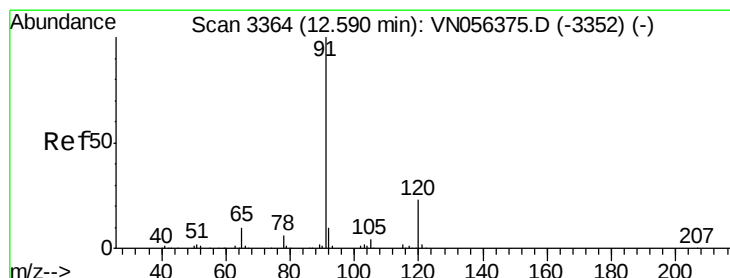
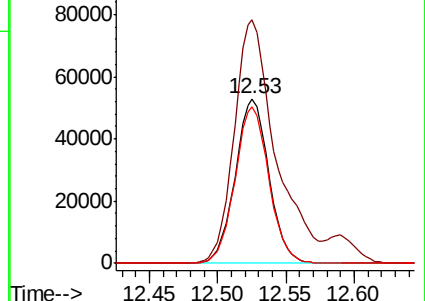
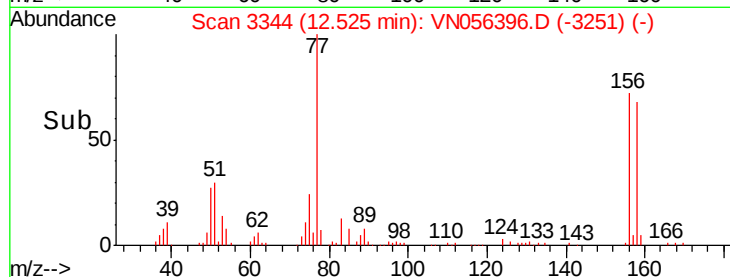
158 95.3 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.725 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056396.D

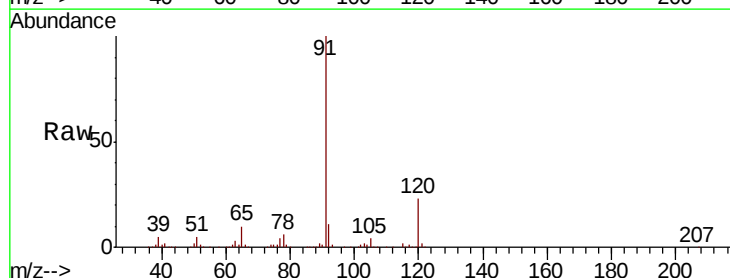
Acq: 20 Jun 2019 12:42

Tgt Ion: 91 Resp: 368918

Ion Ratio Lower Upper

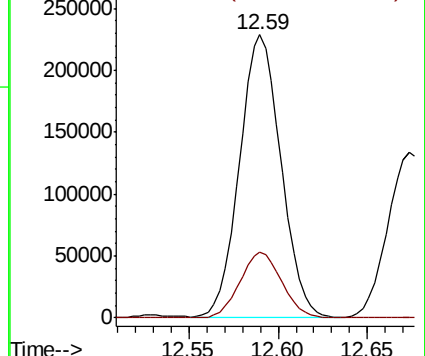
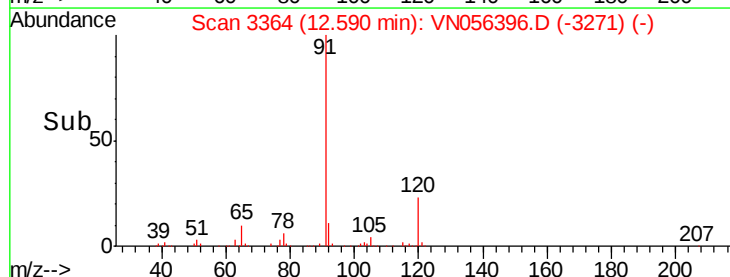
91 100

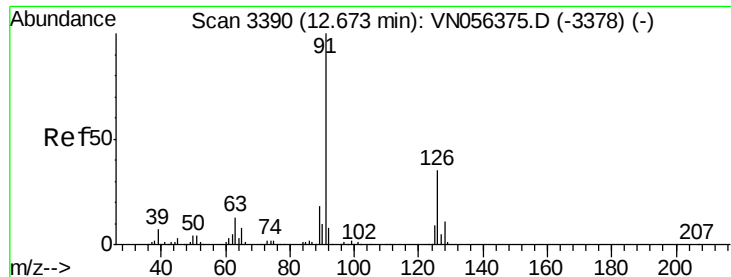
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.864 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

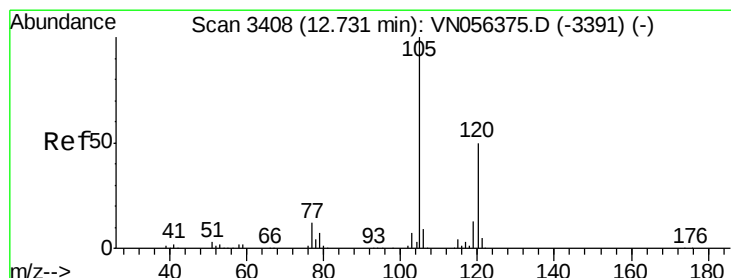
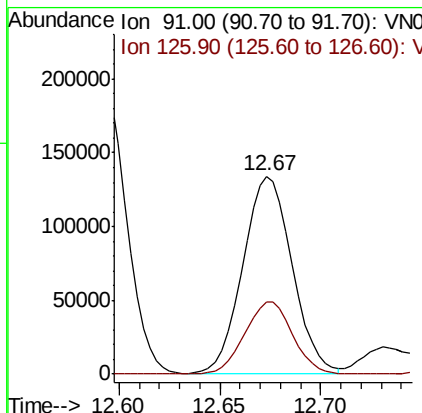
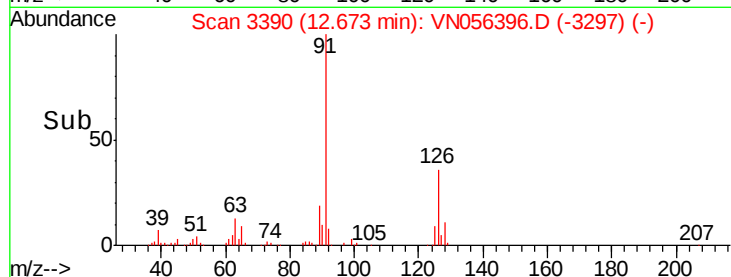
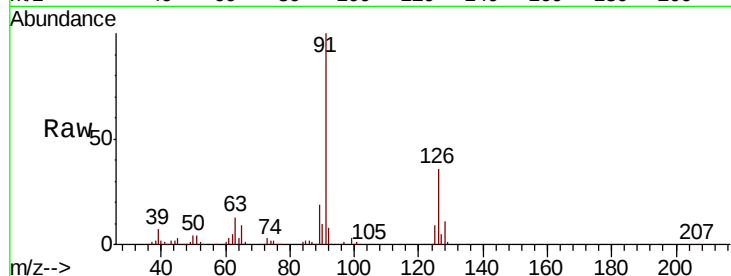
ClientSampled :

Tot Ion: 91 Resp: 227300

Ion Ratio Lower Upper

91 100

126 35.9 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 22.363 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056396.D

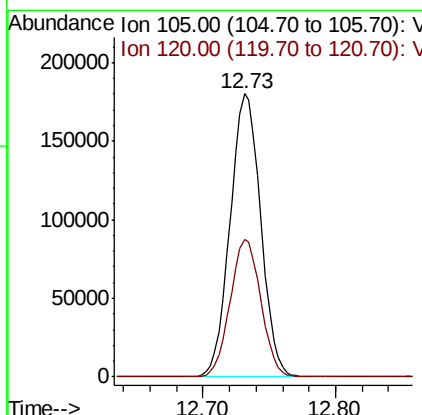
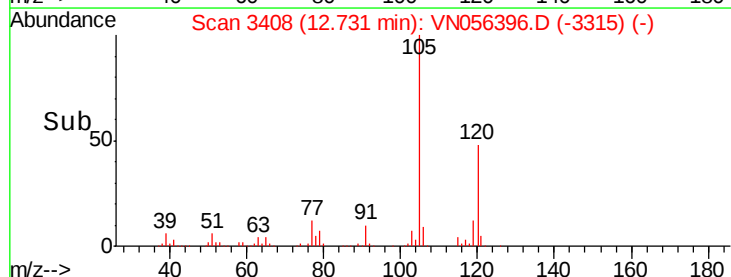
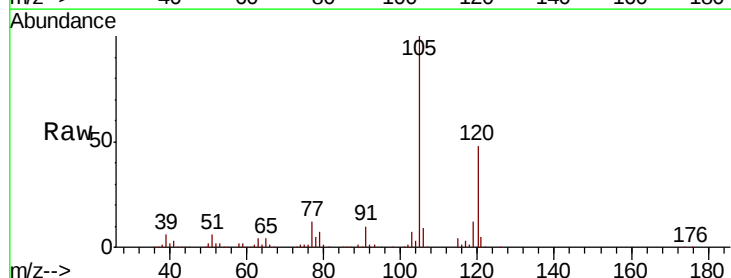
Acq: 20 Jun 2019 12:42

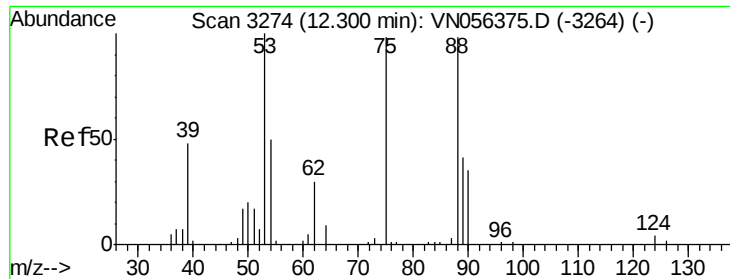
Tgt Ion: 105 Resp: 288844

Ion Ratio Lower Upper

105 100

120 48.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.343 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

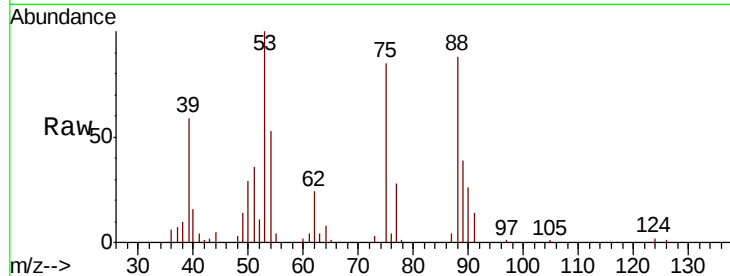
Tot Ion: 75 Resp: 21935

Ion Ratio Lower Upper

75 100

53 115.6 83.9 125.9

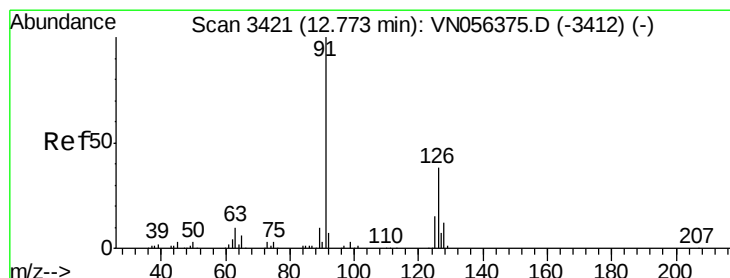
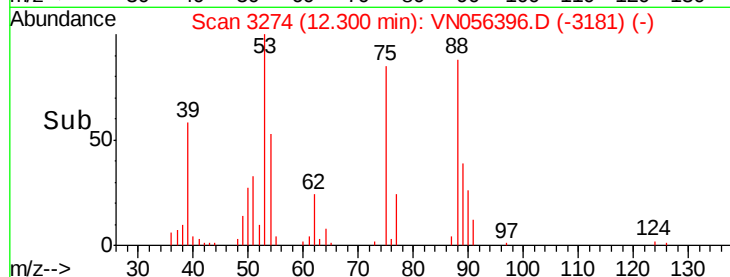
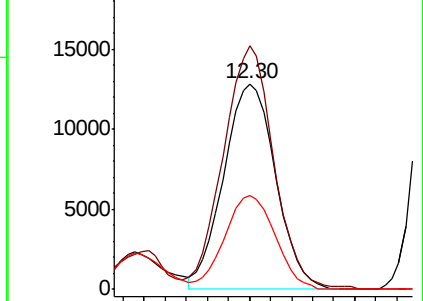
89 44.5 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN056375.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN056375.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 19.872 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056396.D

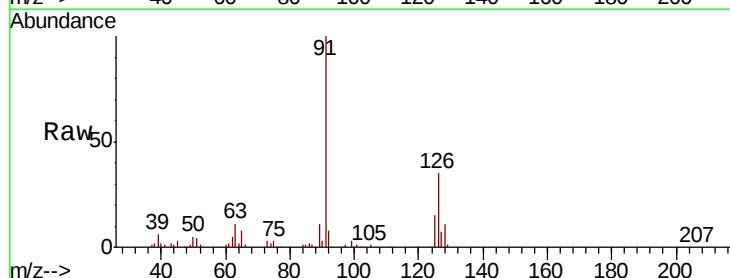
Acq: 20 Jun 2019 12:42

Tgt Ion: 91 Resp: 208854

Ion Ratio Lower Upper

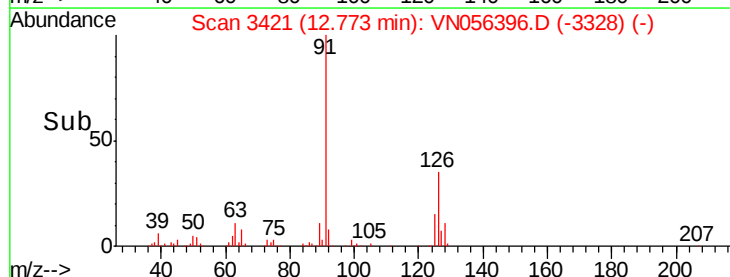
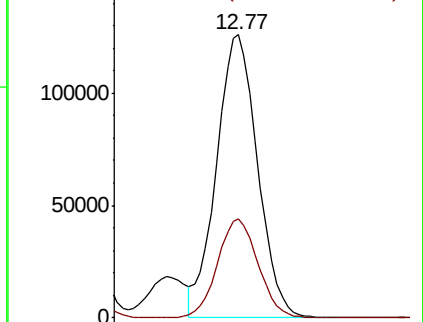
91 100

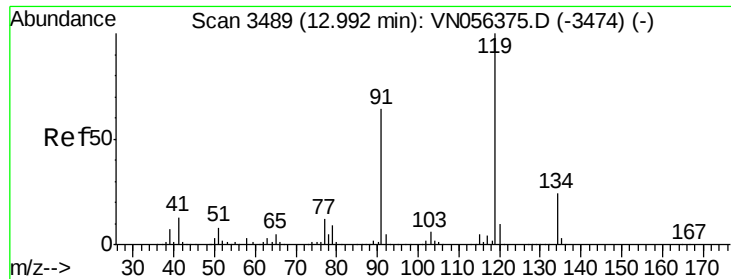
126 34.9 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN056375.D (-3412) (-)

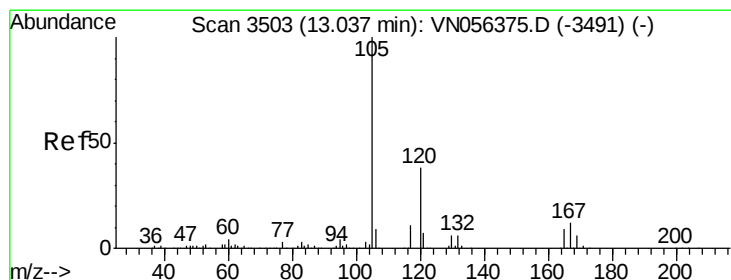
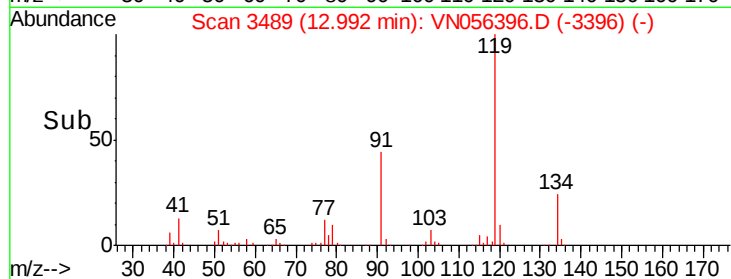
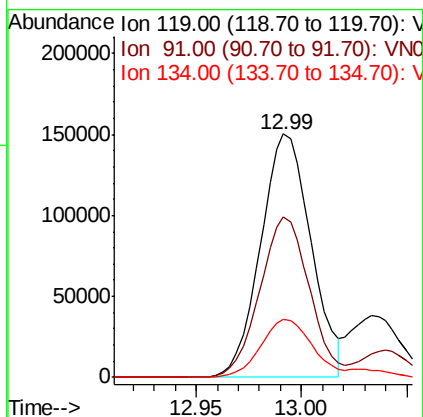
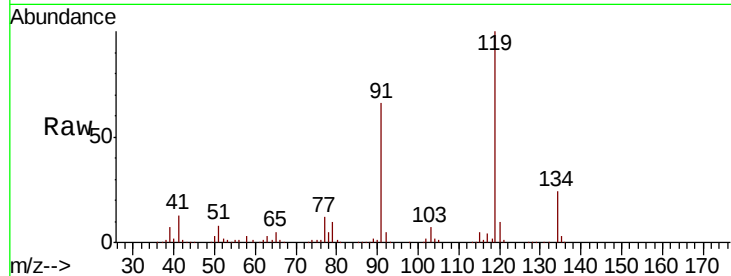




#83
tert-Butylbenzene
Concen: 21.895 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

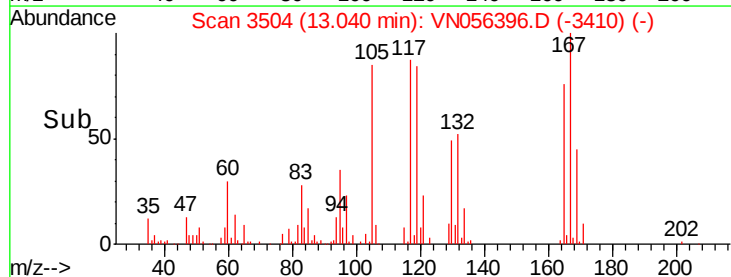
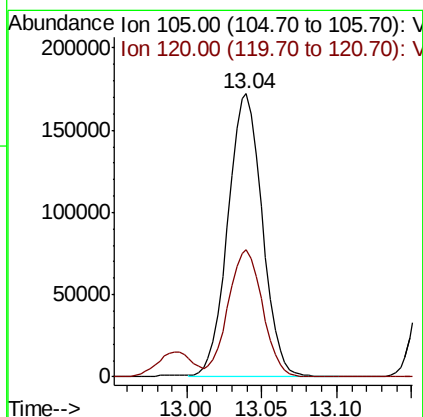
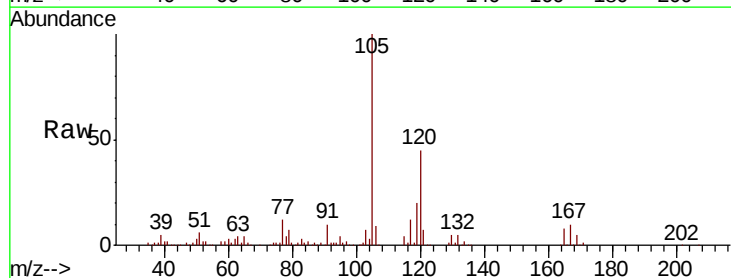
Instrument :
MSVOA_N
ClientSampled :

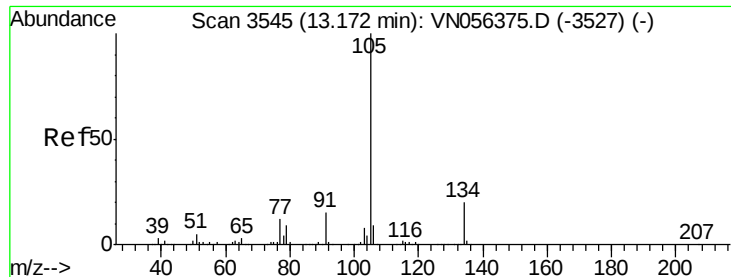
Tot Ion:119 Resp: 249922
Ion Ratio Lower Upper
119 100
91 64.8 31.6 94.7
134 24.3 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 20.969 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056396.D
Acq: 20 Jun 2019 12:42

Tgt Ion:105 Resp: 274389
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.8





#85

sec-Butylbenzene

Concen: 20.834 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

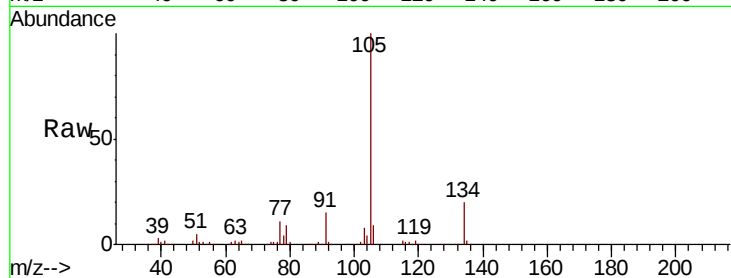
ClientSampled :

Tot Ion:105 Resp: 325962

Ion Ratio Lower Upper

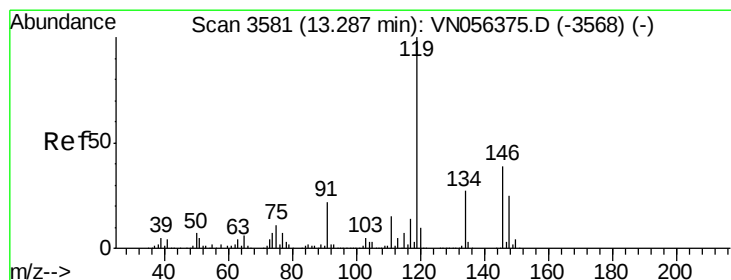
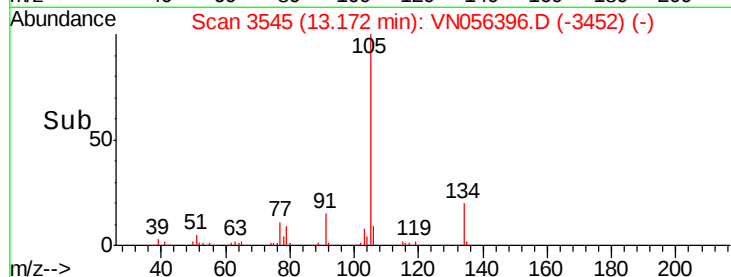
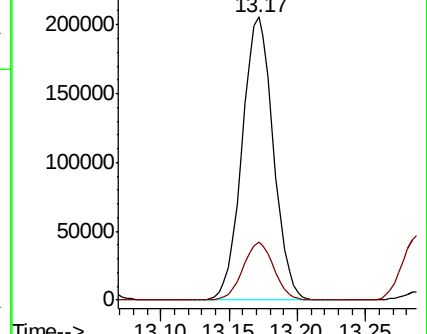
105 100

134 20.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.886 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

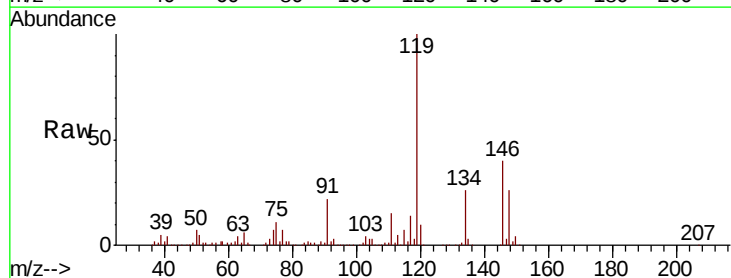
Tgt Ion:119 Resp: 280443

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

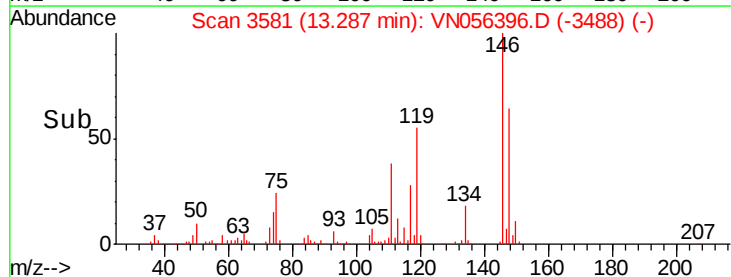
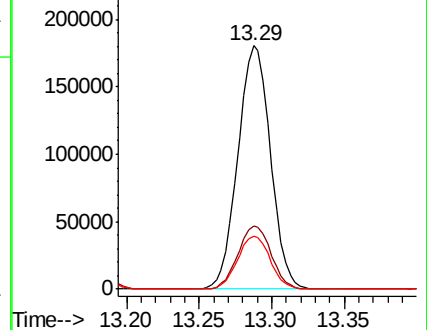
91 21.9 11.2 33.5

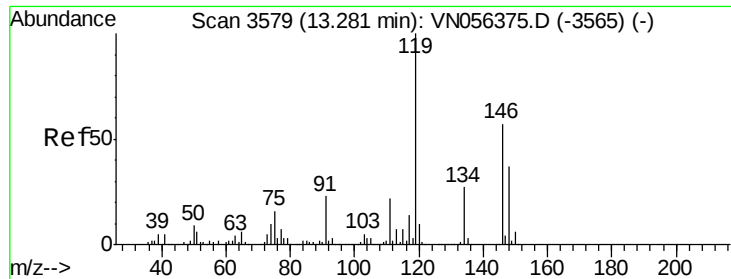


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

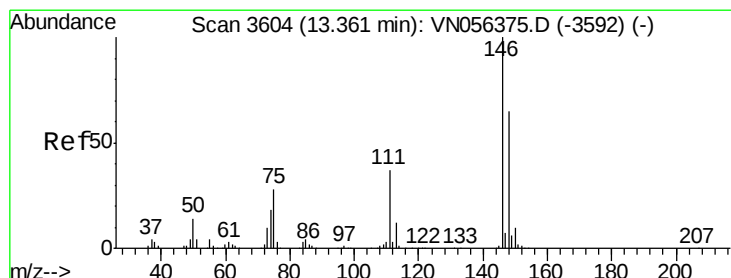
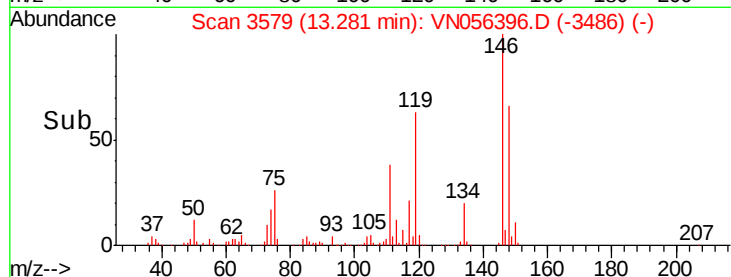
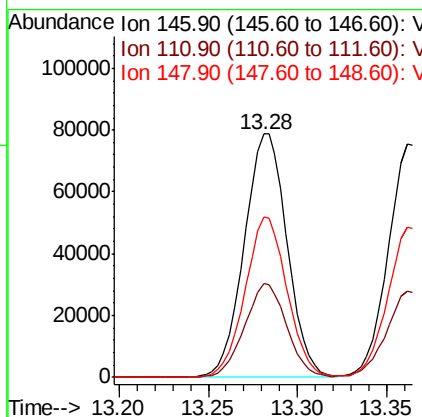
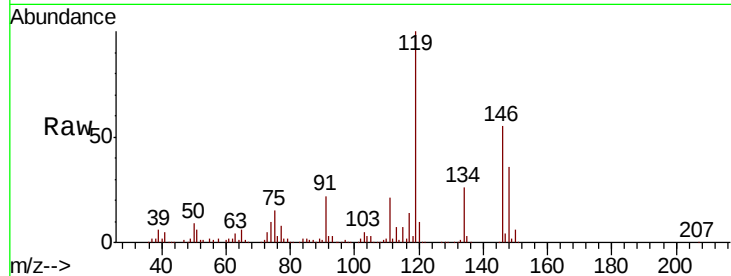




#87
 1,3-Dichlorobenzene
 Concen: 20.097 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

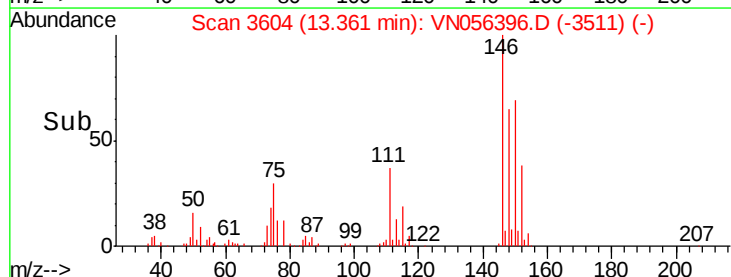
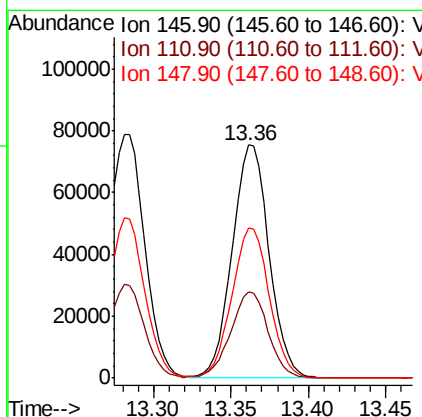
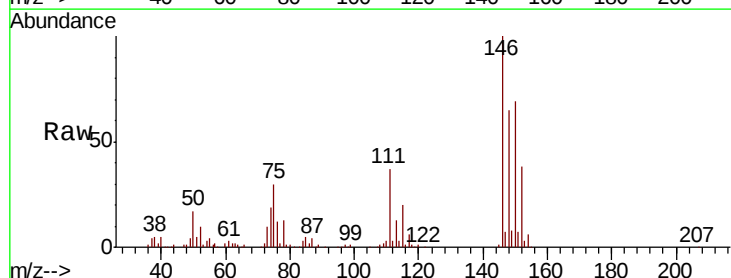
Instrument :
 MSVOA_N
 ClientSampled :

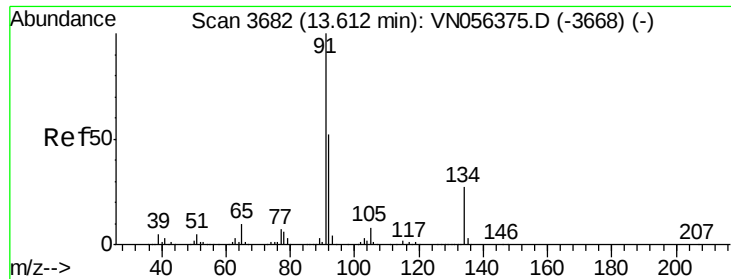
Tot Ion:146 Resp: 132374
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.9
 148 64.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.586 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

Tgt Ion:146 Resp: 124938
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.4 55.4
 148 65.4 32.4 97.0





#89

n-Butylbenzene

Concen: 19.367 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

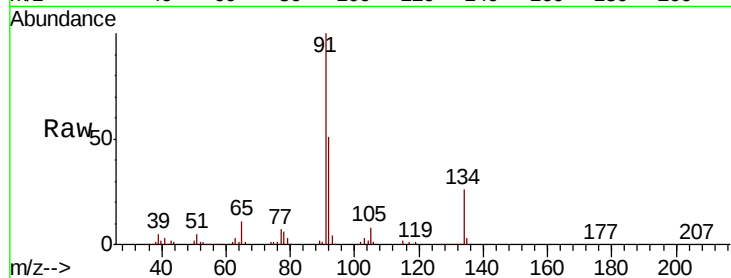
Tot Ion: 91 Resp: 196856

Ion Ratio Lower Upper

91 100

92 51.6 26.2 78.5

134 26.0 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056375.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3668) (-)

13.61

150000

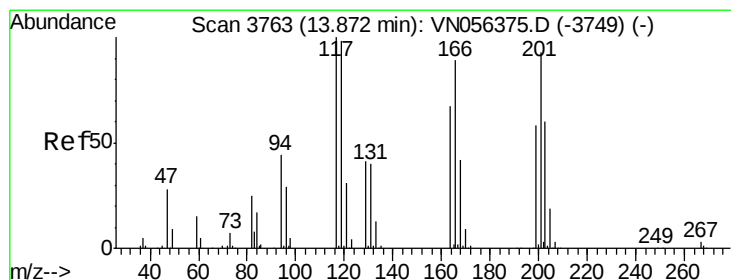
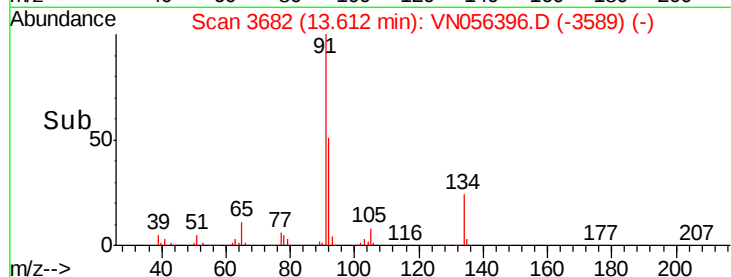
100000

50000

0

13.55 13.60 13.65

Time-->



#90

Hexachloroethane

Concen: 20.080 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056396.D

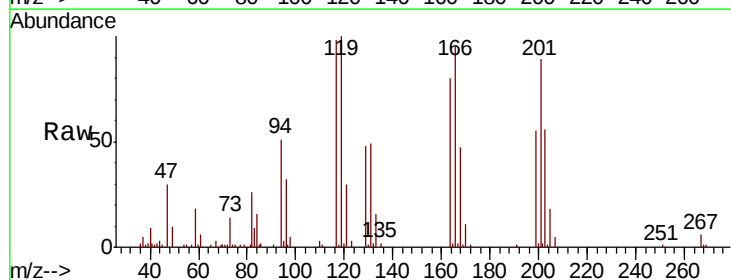
Acq: 20 Jun 2019 12:42

Tgt Ion: 117 Resp: 42034

Ion Ratio Lower Upper

117 100

201 90.2 45.9 137.6



Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056375.D (-3749) (-)

13.87

25000

20000

15000

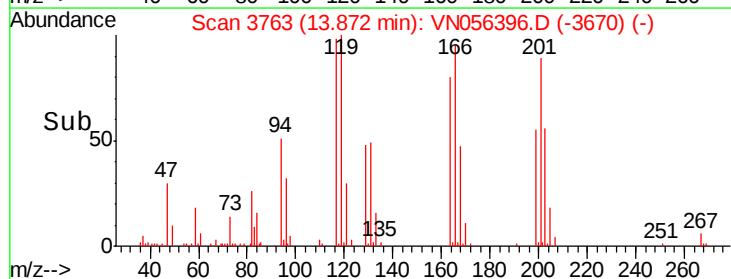
10000

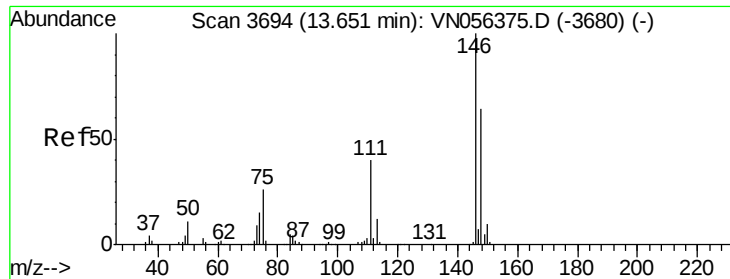
5000

0

13.80 13.85 13.90

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.509 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

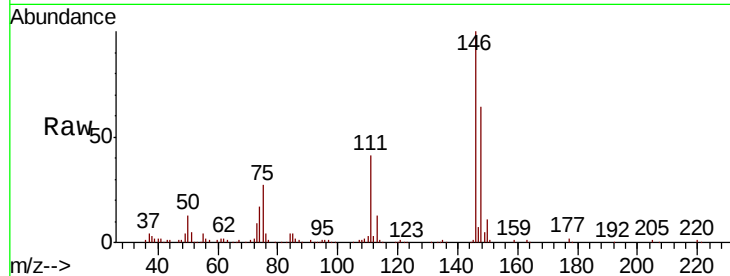
Tot Ion:146 Resp: 134023

Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

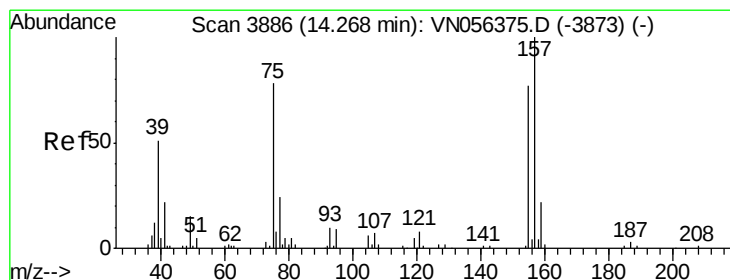
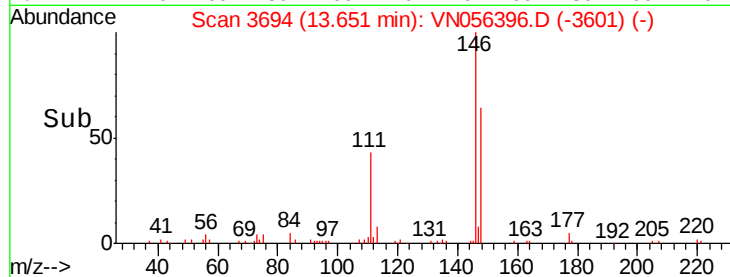
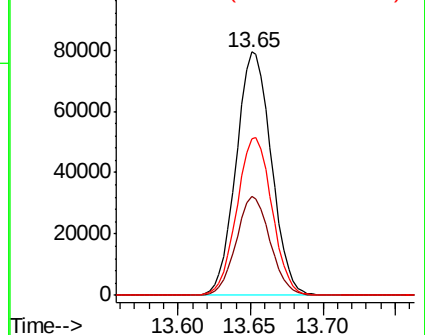
148 64.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.946 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

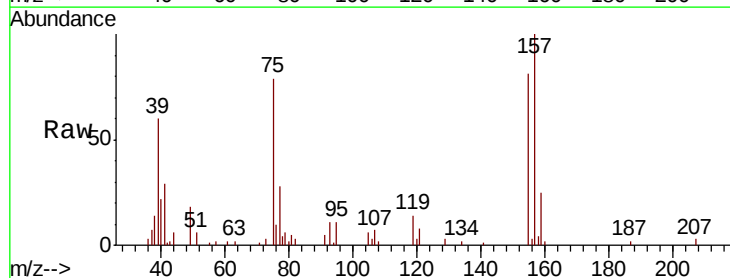
Tgt Ion: 75 Resp: 15065

Ion Ratio Lower Upper

75 100

155 101.2 48.9 146.8

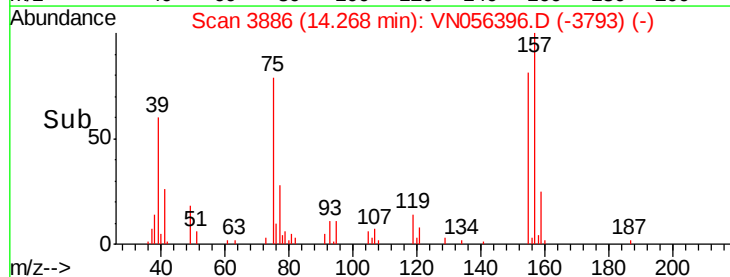
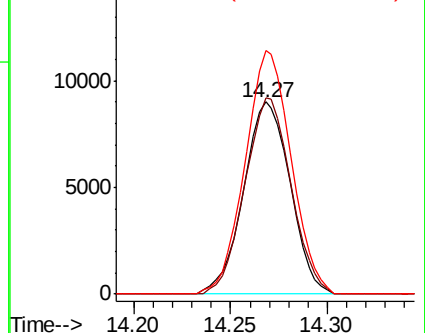
157 125.4 62.9 188.8

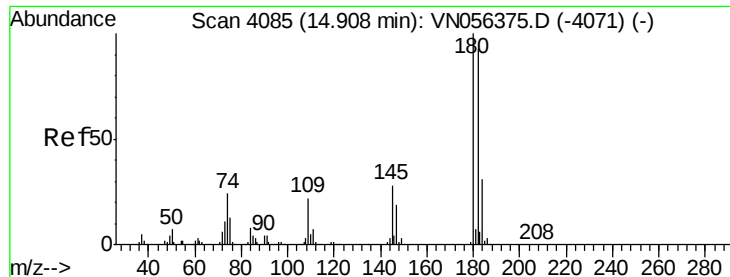


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

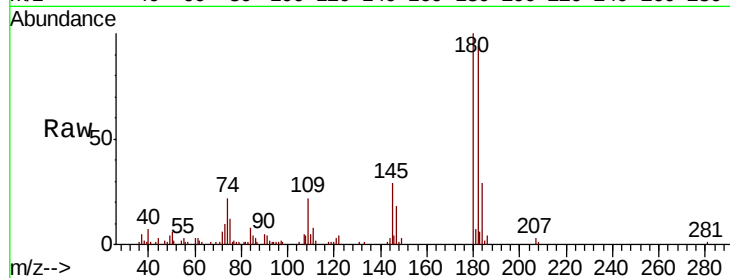




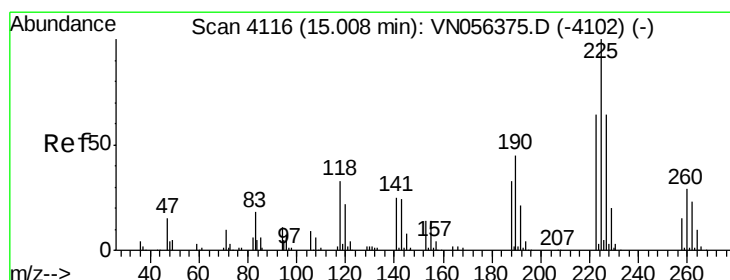
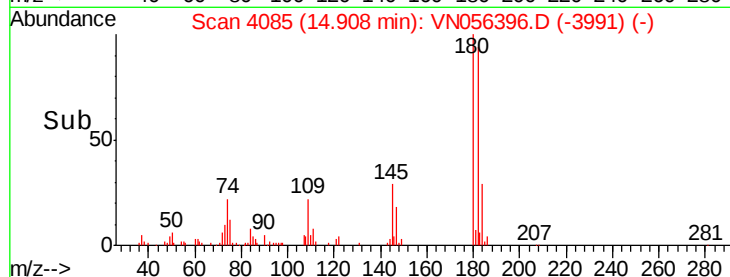
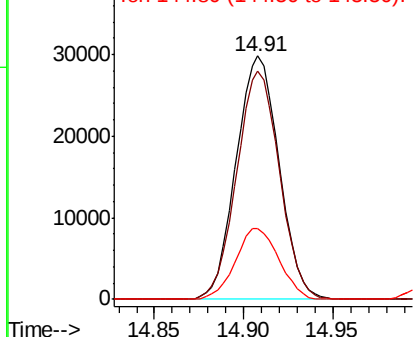
#93
 1,2,4-Trichlorobenzene
 Concen: 18.640 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 49936
 Ion Ratio Lower Upper
 180 100
 182 93.4 46.9 140.6
 145 29.4 14.4 43.0

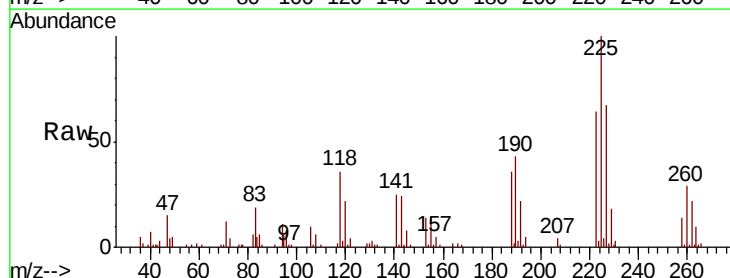


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

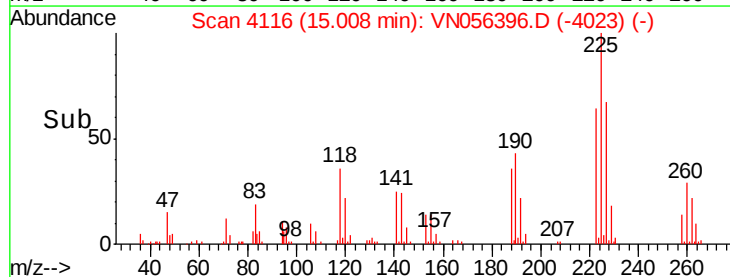
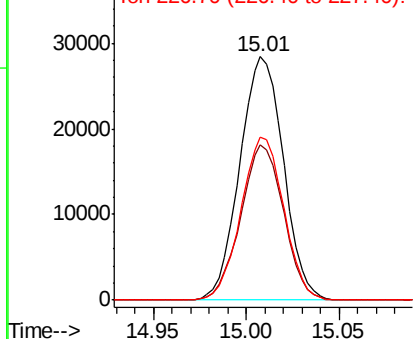


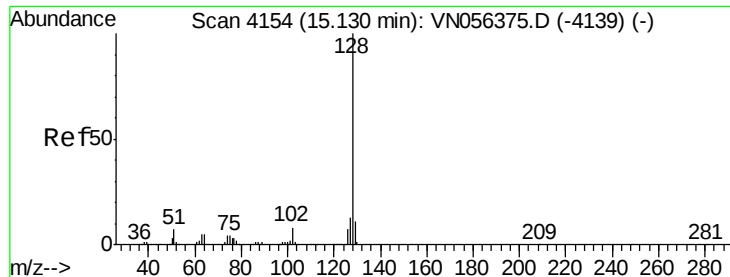
#94
 Hexachlorobutadiene
 Concen: 19.917 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056396.D
 Acq: 20 Jun 2019 12:42

Tgt Ion:225 Resp: 46610
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.3
 227 65.7 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.340 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

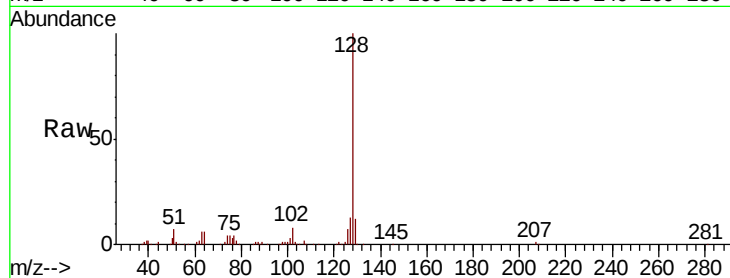
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 140051

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.2	8.6	12.8

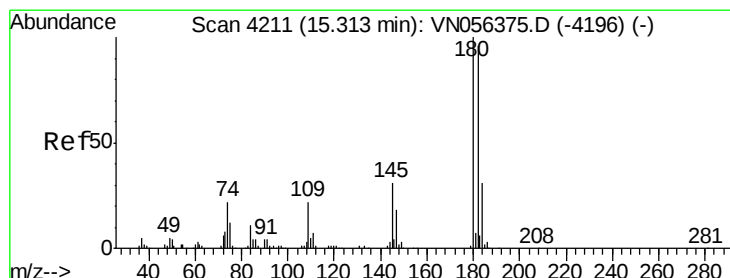
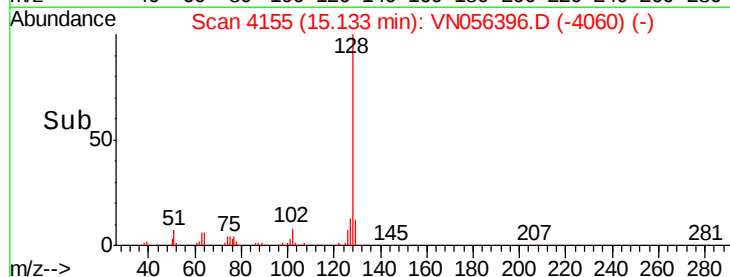
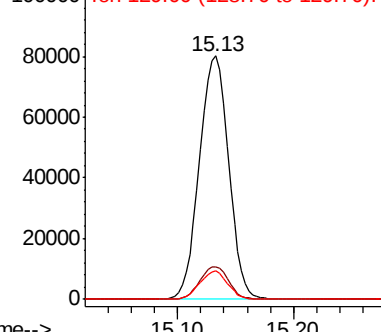


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.295 ug/l

RT: 15.31 min Scan# 4211

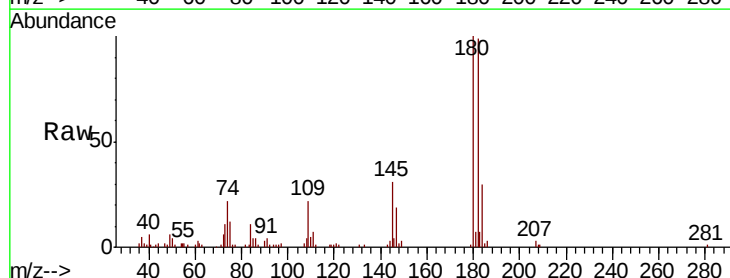
Delta R.T. 0.00 min

Lab File: VN056396.D

Acq: 20 Jun 2019 12:42

Tgt Ion:180 Resp: 57379

Ion	Ratio	Lower	Upper
180	100		
182	97.6	48.3	144.8
145	30.1	15.4	46.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

