

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056386.D
 Acq On : 19 Jun 2019 15:21
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 04:50:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 04:41:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	394311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	587083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	524774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	237019	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	206813	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
35) Dibromofluoromethane	7.59	113	183678	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
50) Toluene-d8	10.09	98	704287	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	249854	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	165384	49.534	ug/l	99
3) Chloromethane	2.06	50	210472	46.296	ug/l	98
4) Vinyl Chloride	2.18	62	209704	47.759	ug/l	100
5) Bromomethane	2.53	94	123368	47.926	ug/l	97
6) Chloroethane	2.68	64	122599	48.214	ug/l	97
7) Trichlorofluoromethane	3.00	101	270172	47.567	ug/l	99
8) Diethyl Ether	3.41	74	112587	46.837	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	175779	48.529	ug/l	99
10) Methyl Iodide	3.95	142	240946	49.217	ug/l	99
11) Tert butyl alcohol	4.79	59	151227	205.457	ug/l	100
12) 1,1-Dichloroethene	3.73	96	168857	48.476	ug/l	95
13) Acrolein	3.60	56	132631	213.798	ug/l	98
14) Allyl chloride	4.32	41	280100	48.306	ug/l	99
15) Acrylonitrile	4.98	53	453653	222.785	ug/l	99
16) Acetone	3.81	43	464103	211.965	ug/l	98
17) Carbon Disulfide	4.05	76	378864	47.820	ug/l	98
18) Methyl Acetate	4.32	43	187804	43.684	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	540830	46.923	ug/l	100
20) Methylene Chloride	4.54	84	196611	47.591	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	180676	48.108	ug/l	96
22) Diisopropyl ether	5.95	45	578130	47.476	ug/l	94
23) Vinyl Acetate	5.89	43	2386328	248.454	ug/l	100
24) 1,1-Dichloroethane	5.84	63	329900	47.194	ug/l	100
25) 2-Butanone	6.83	43	632639	218.313	ug/l	98
26) 2,2-Dichloropropane	6.82	77	243033	49.989	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	211877	48.222	ug/l	100
28) Bromochloromethane	7.19	49	164340	47.531	ug/l	98
29) Tetrahydrofuran	7.21	42	393229	222.052	ug/l	99
30) Chloroform	7.37	83	326018	47.265	ug/l	100
31) Cyclohexane	7.65	56	313328	46.430	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	263670	48.226	ug/l	99
36) 1,1-Dichloropropene	7.79	75	252274	48.820	ug/l	99
37) Ethyl Acetate	6.92	43	240835	47.425	ug/l	99
38) Carbon Tetrachloride	7.77	117	225688	49.944	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	311140	48.798	ug/l	99
40) Benzene	8.04	78	769457	48.409	ug/l	99
41) Methacrylonitrile	7.17	41	114039	50.855	ug/l	89
42) 1,2-Dichloroethane	8.12	62	247273	47.139	ug/l	99
43) Isopropyl Acetate	8.16	43	374274	47.797	ug/l	99
44) Trichloroethene	8.83	130	212004	49.514	ug/l	99
45) 1,2-Dichloropropane	9.12	63	206946	48.683	ug/l	98
46) Dibromomethane	9.21	93	129335	48.631	ug/l	99
47) Bromodichloromethane	9.40	83	241941	51.293	ug/l	97
48) Methyl methacrylate	9.20	41	184560	47.034	ug/l	100
49) 1,4-Dioxane	9.20	88	71183	874.051	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1191517	235.755	ug/l	100
52) Toluene	10.15	92	476418	49.025	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	256966	46.961	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	300392	52.885	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	191580	49.046	ug/l	99
56) Ethyl methacrylate	10.43	69	287366	50.340	ug/l	99
57) 1,3-Dichloropropane	10.71	76	320371	48.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	490295	239.075	ug/l	100
59) 2-Hexanone	10.75	43	855717	230.368	ug/l	100
60) Dibromochloromethane	10.90	129	187437	46.842	ug/l	99
61) 1,2-Dibromoethane	11.00	107	195541	49.014	ug/l	100
64) Tetrachloroethene	10.63	164	197995	47.643	ug/l	99
65) Chlorobenzene	11.43	112	515266	48.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	183096	51.376	ug/l	99
67) Ethyl Benzene	11.51	91	914894	49.414	ug/l	99
68) m/p-Xylenes	11.62	106	691026	101.842	ug/l	100
69) o-Xylene	11.95	106	337372	50.257	ug/l	99
70) Styrene	11.96	104	564329	52.593	ug/l	100
71) Bromoform	12.13	173	130536	45.692	ug/l #	100
73) Isopropylbenzene	12.25	105	889900	49.987	ug/l	100
74) N-amyl acetate	12.07	43	321444	42.613	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	269420	48.812	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	307620	62.593	ug/l #	100
77) Bromobenzene	12.53	156	231395	43.662	ug/l	99
78) n-propylbenzene	12.59	91	1001002	46.118	ug/l	99
79) 2-Chlorotoluene	12.67	91	594897	49.983	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	747230	50.098	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	64123	46.372	ug/l	97
82) 4-Chlorotoluene	12.77	91	584857	45.636	ug/l	99
83) tert-Butylbenzene	12.99	119	644034	49.523	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	732370	45.899	ug/l	100
85) sec-Butylbenzene	13.17	105	845223	44.304	ug/l	100
86) p-Isopropyltoluene	13.29	119	763155	46.612	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	386408	48.111	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	367956	47.307	ug/l	99
89) n-Butylbenzene	13.61	91	603596	48.699	ug/l	100
90) Hexachloroethane	13.87	117	115098	45.092	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	375869	47.169	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39967	45.572	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 04:41:37 2019
Response via : Initial Calibration

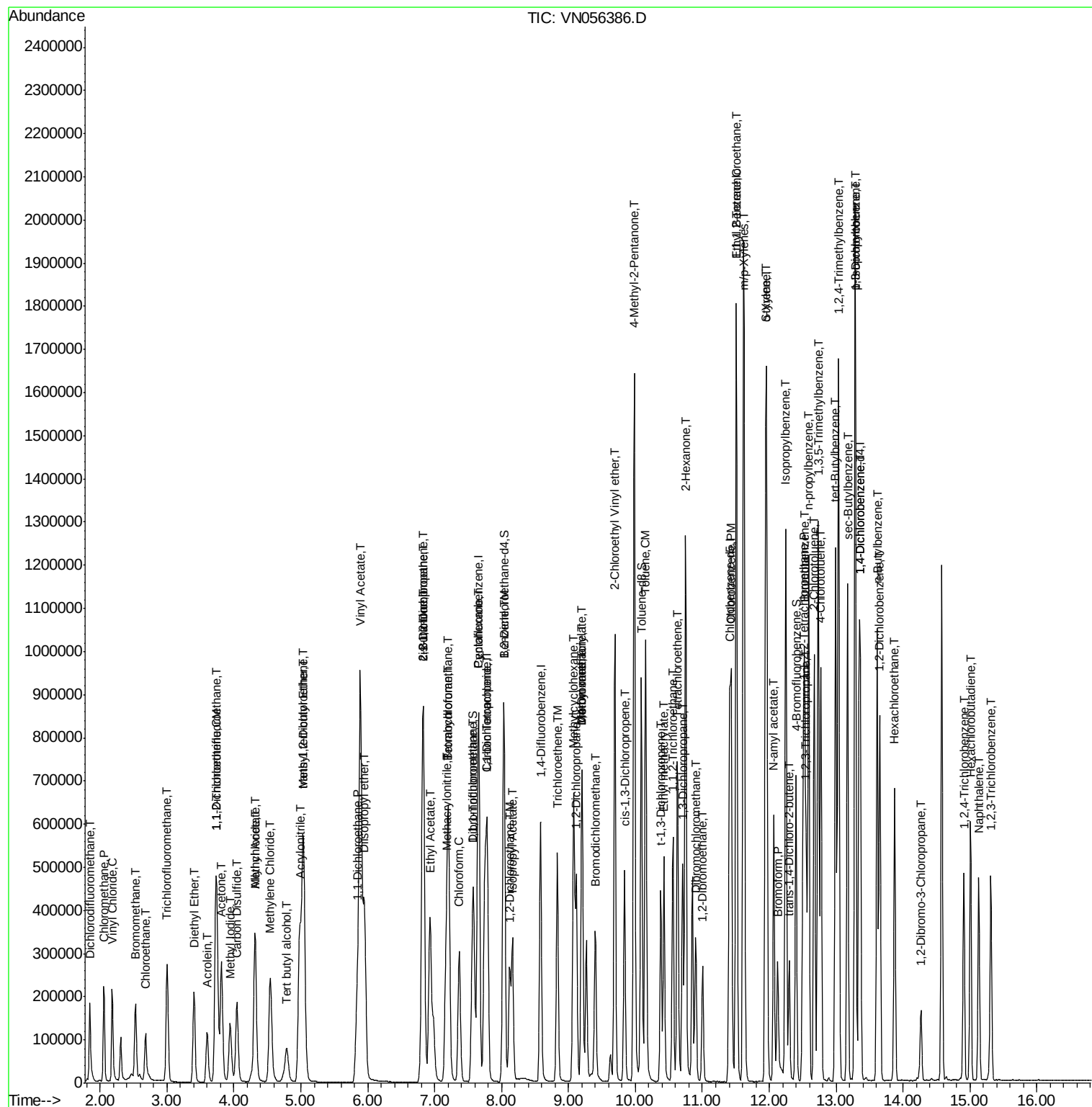
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	168512	41.663	ug/l	98
94) Hexachlorobutadiene	15.01	225	130276	48.174	ug/l	99
95) Naphthalene	15.13	128	419505	39.869	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	176225	41.793	ug/l	99

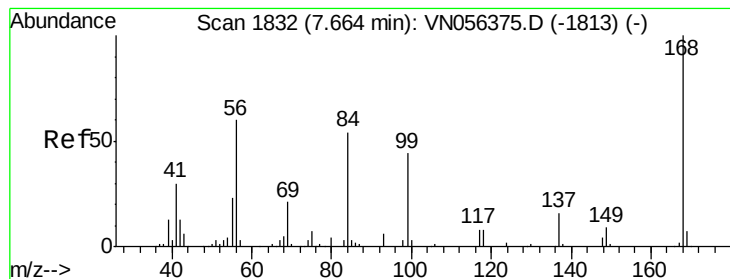
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

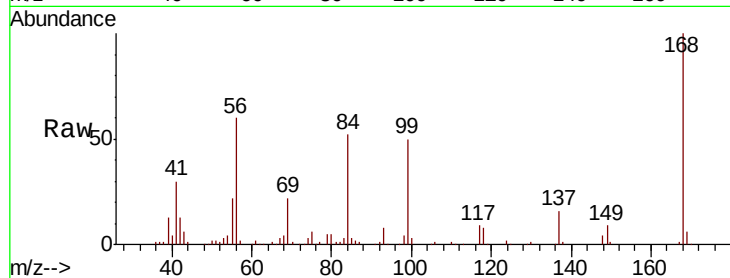
VSTDCCC050EC

Tot Ion:168 Resp: 394311

Ion Ratio Lower Upper

168 100

99 50.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

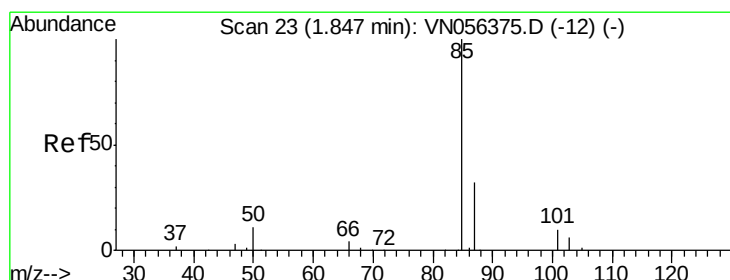
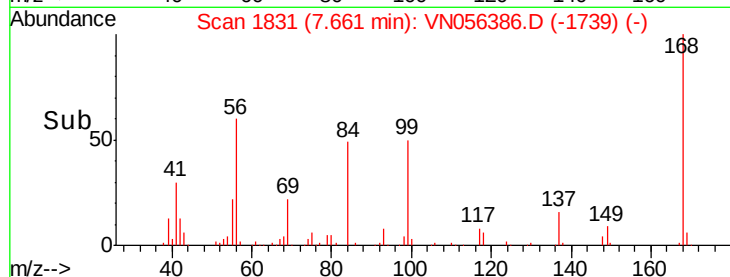
100000

50000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 49.534 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056386.D

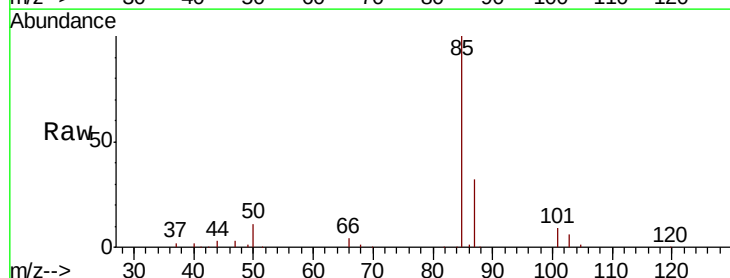
Acq: 19 Jun 2019 15:21

Tgt Ion: 85 Resp: 165384

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

120000

100000

80000

60000

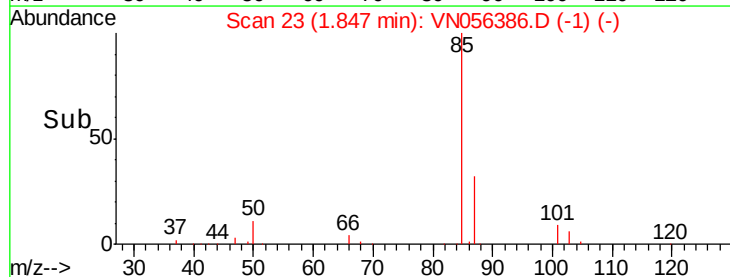
40000

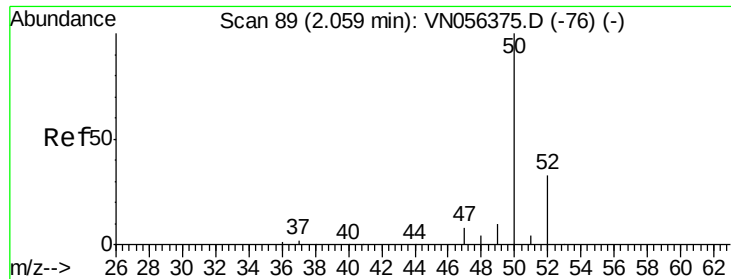
20000

0

Time-->

1.80 1.90 2.00





#3

Chloromethane

Concen: 46.296 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

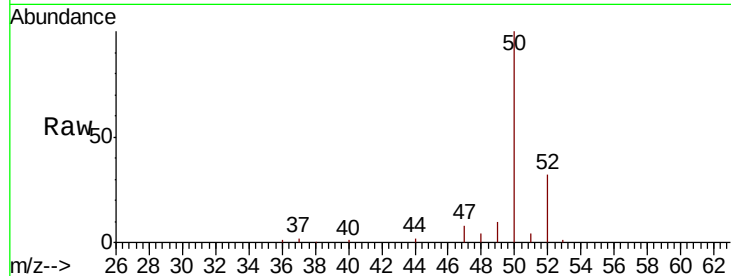
VSTDCCC050EC

Tot Ion: 50 Resp: 210472

Ion Ratio Lower Upper

50 100

52 32.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

150000

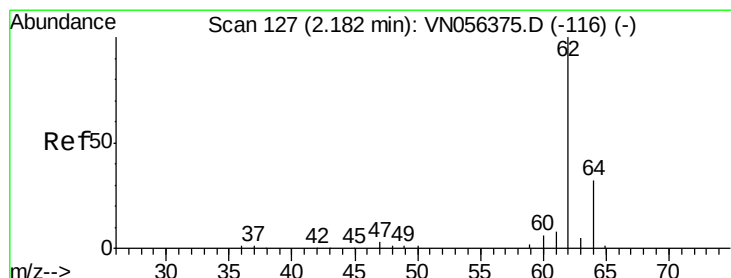
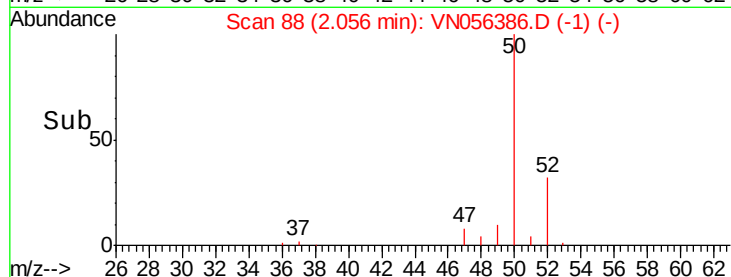
100000

50000

0

2.00 2.05 2.10 2.15

Time-->



#4

Vinyl Chloride

Concen: 47.759 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056386.D

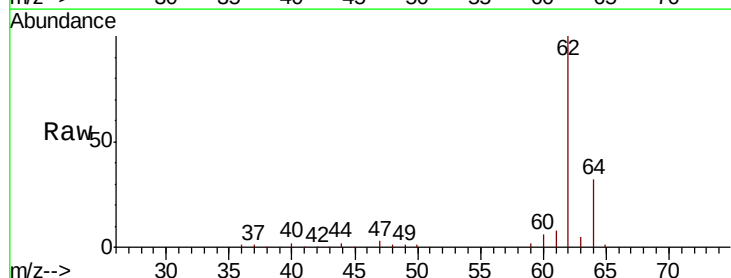
Acq: 19 Jun 2019 15:21

Tgt Ion: 62 Resp: 209704

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

150000

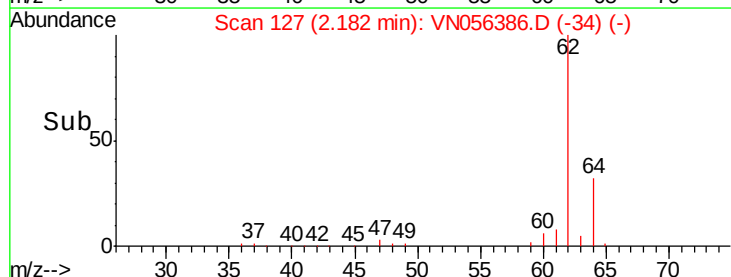
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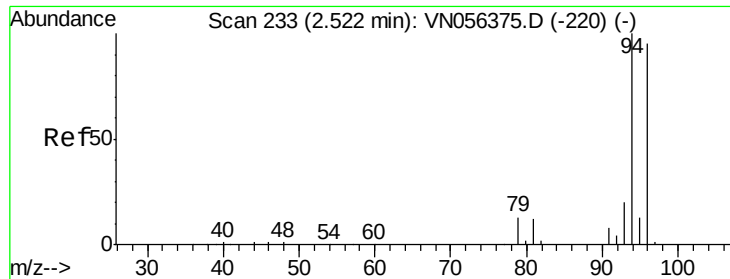
50000

0

2.10 2.15 2.20 2.25 2.30

Time-->

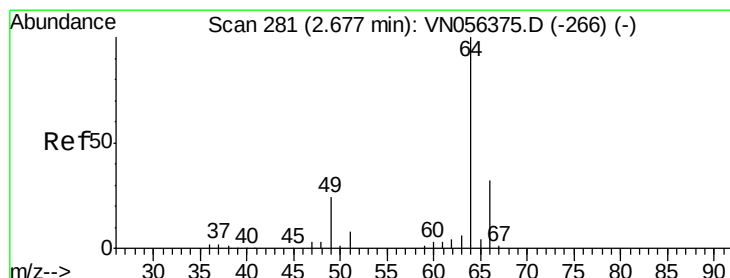
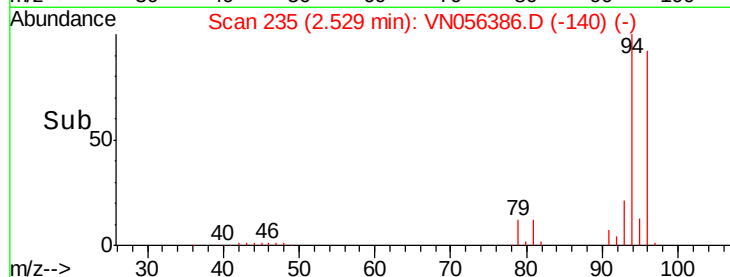
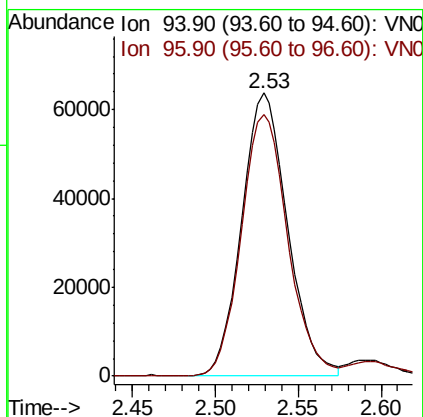
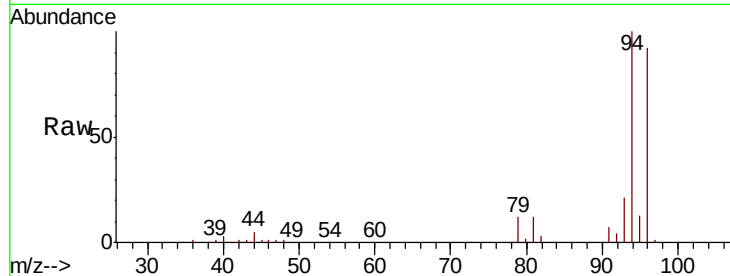




#5
Bromomethane
Concen: 47.926 ug/l
RT: 2.53 min Scan# 235
Delta R.T. 0.01 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

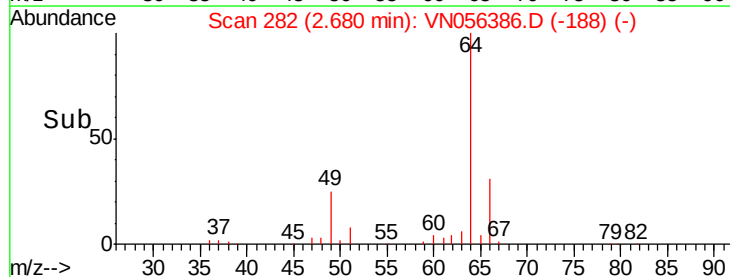
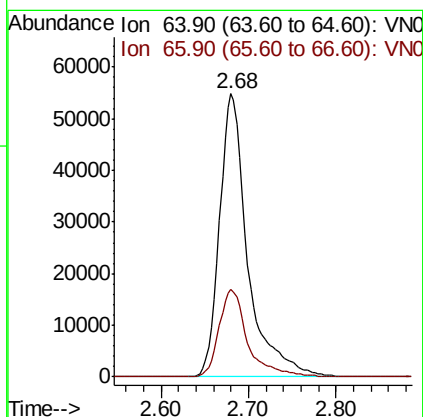
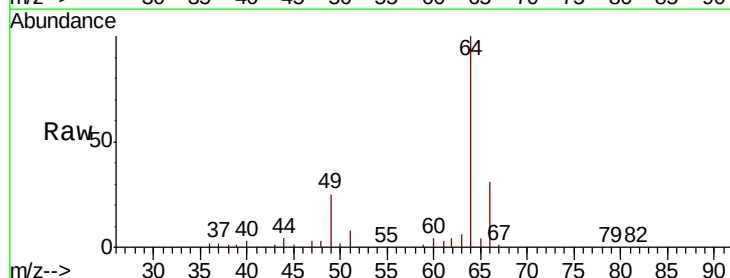
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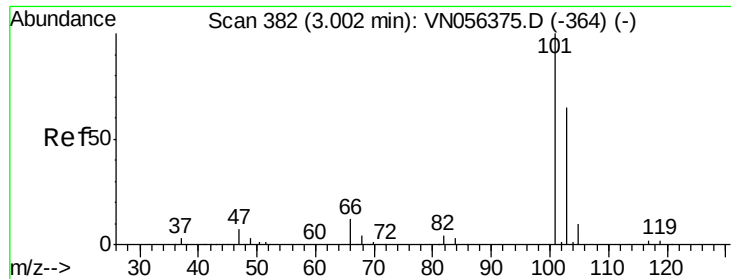
Tot Ion: 94 Resp: 123368
Ion Ratio Lower Upper
94 100
96 92.3 76.0 114.0



#6
Chloroethane
Concen: 48.214 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 64 Resp: 122599
Ion Ratio Lower Upper
64 100
66 30.8 25.8 38.8



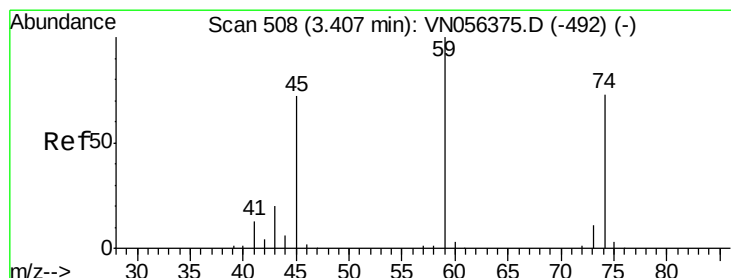
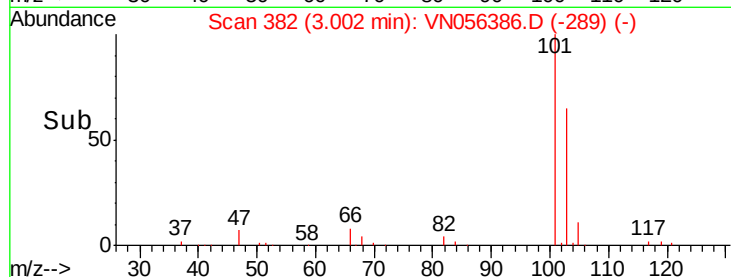
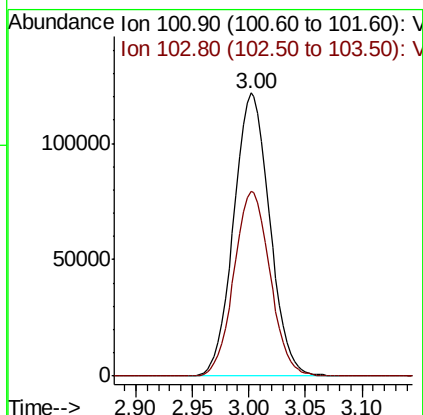
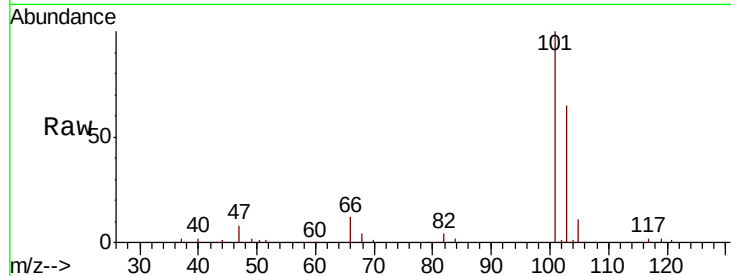


#7

Trichlorofluoromethane
 Concen: 47.567 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

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 VSTDCCC050EC

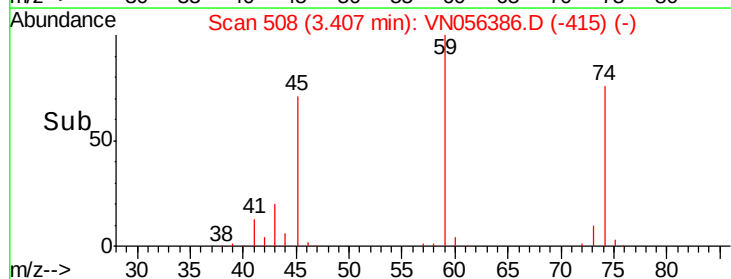
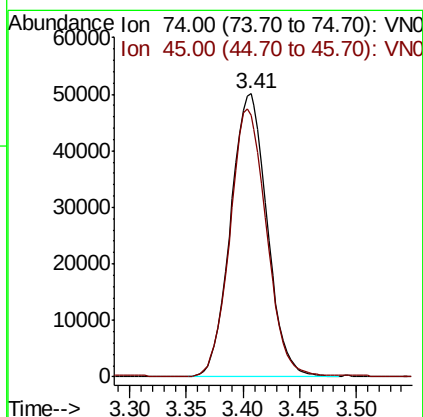
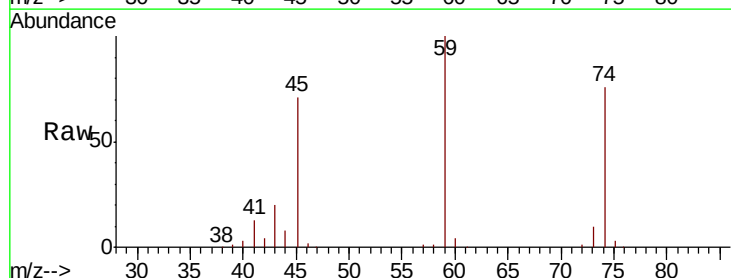
Tot Ion:101 Resp: 270172
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.7 77.5

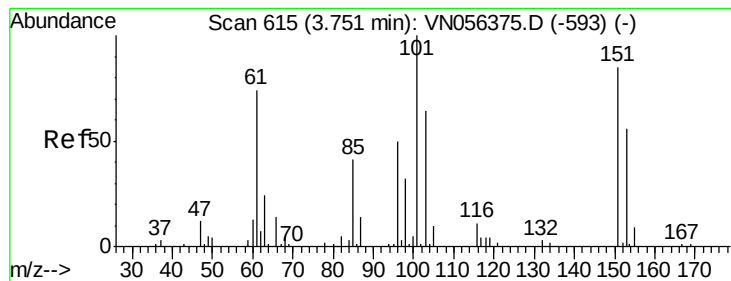


#8

Diethyl Ether
 Concen: 46.837 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion: 74 Resp: 112587
 Ion Ratio Lower Upper
 74 100
 45 94.8 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.529 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

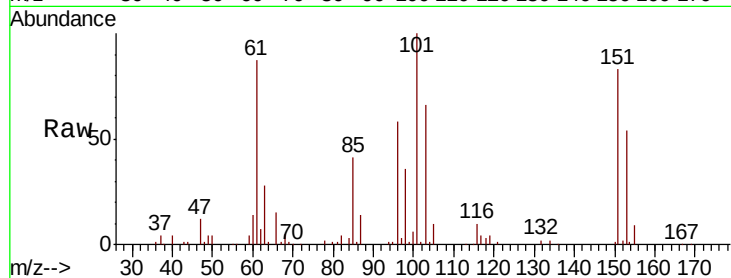
Tot Ion:101 Resp: 175779

Ion Ratio Lower Upper

101 100

85 41.5 32.7 49.1

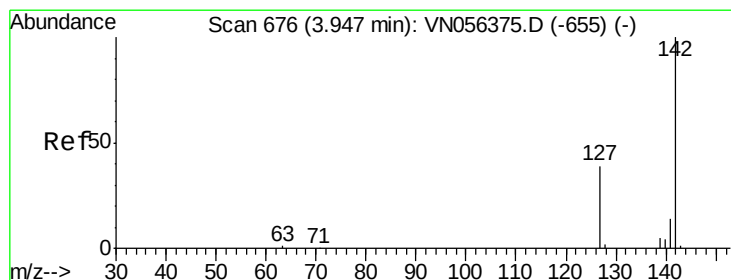
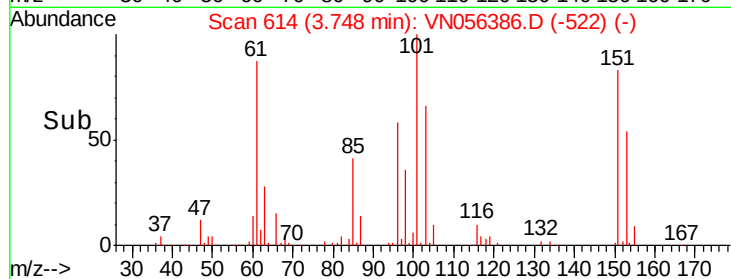
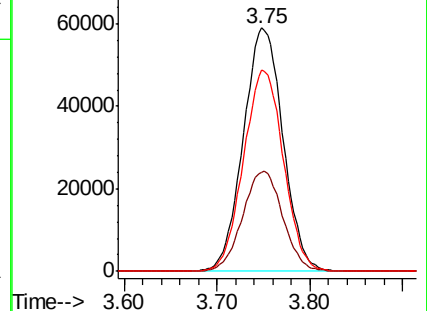
151 83.1 66.8 100.2



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: 49.217 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

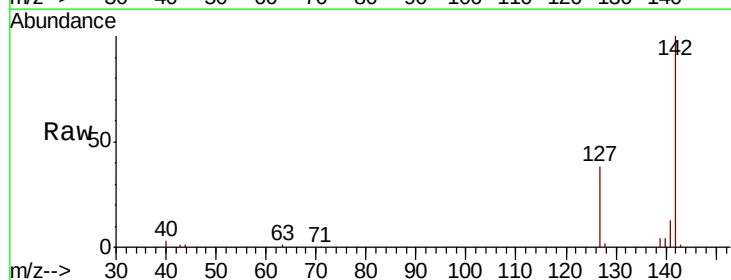
Tgt Ion:142 Resp: 240946

Ion Ratio Lower Upper

142 100

127 38.0 30.6 46.0

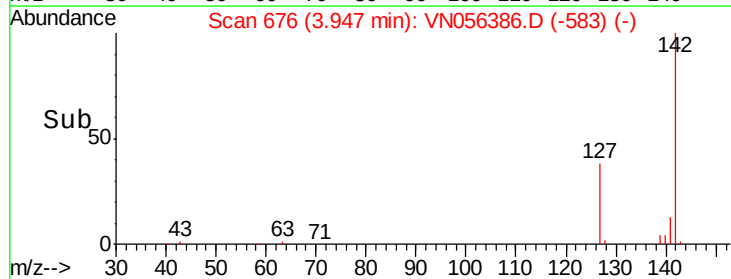
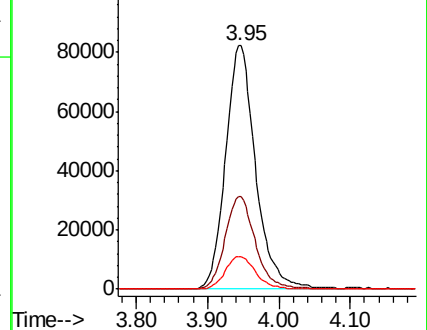
141 13.7 11.4 17.2

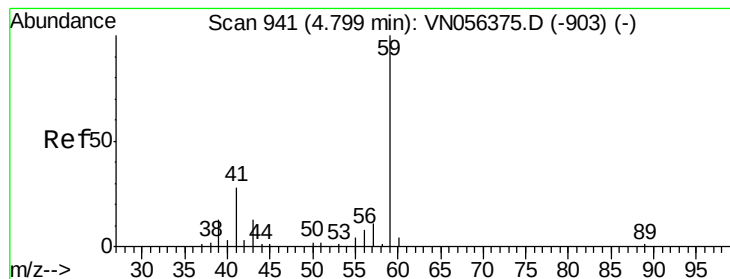


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



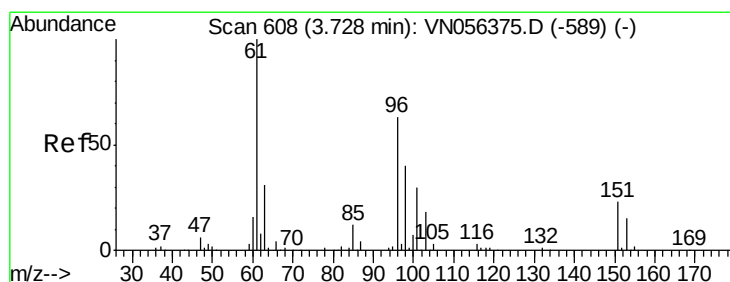
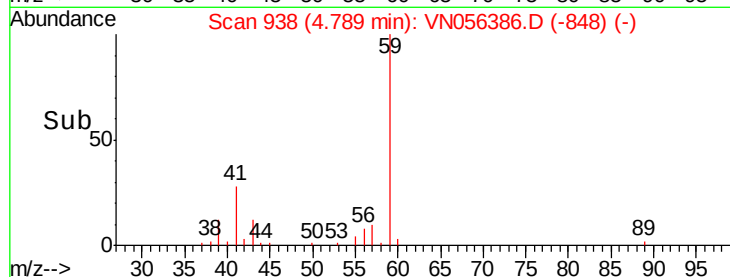
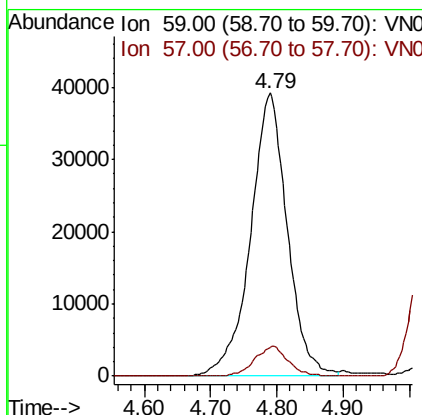
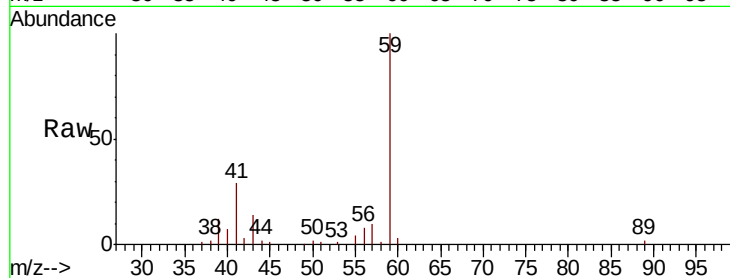


#11

Tert butyl alcohol
 Concen: 205.457 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

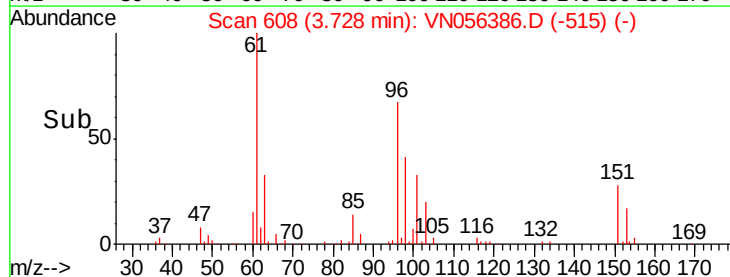
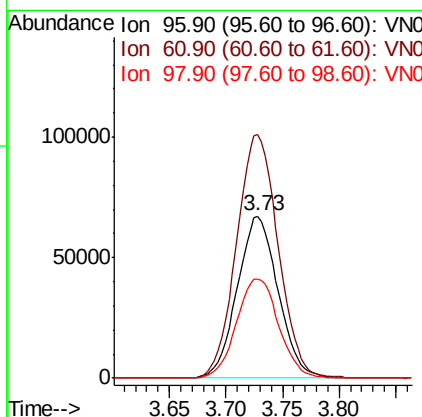
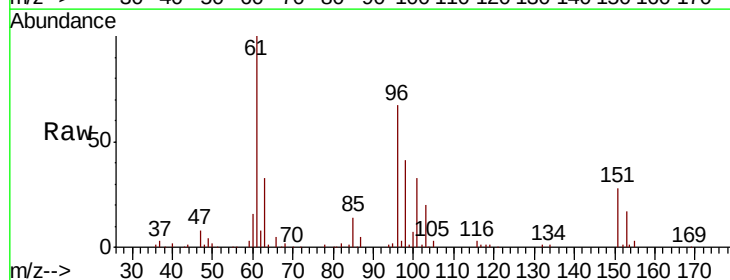
Tot Ion: 59 Resp: 151227
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.6 11.4

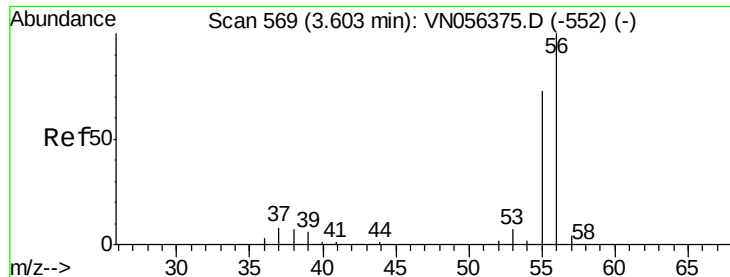


#12

1,1-Dichloroethene
 Concen: 48.476 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion: 96 Resp: 168857
 Ion Ratio Lower Upper
 96 100
 61 150.0 126.6 190.0
 98 61.3 51.1 76.7





#13

Acrolein

Concen: 213.798 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

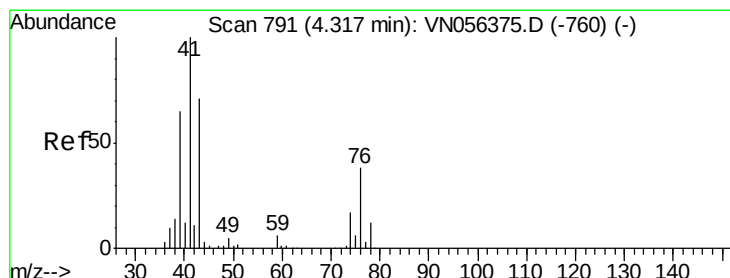
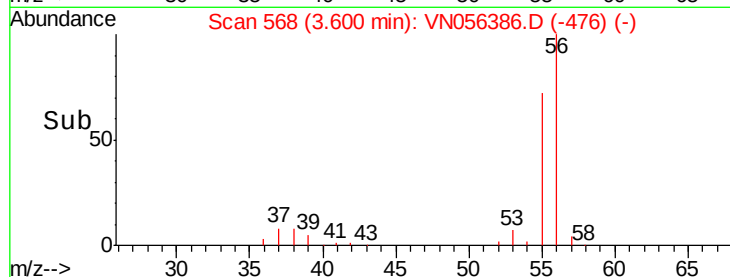
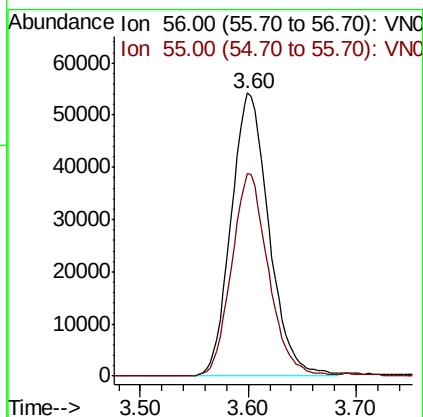
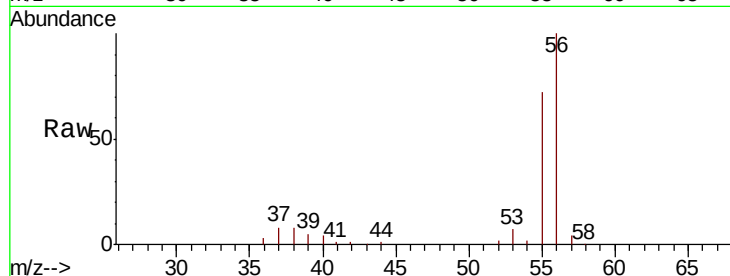
VSTDCCC050EC

Tot Ion: 56 Resp: 132631

Ion Ratio Lower Upper

56 100

55 69.6 57.1 85.7



#14

Allyl chloride

Concen: 48.306 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

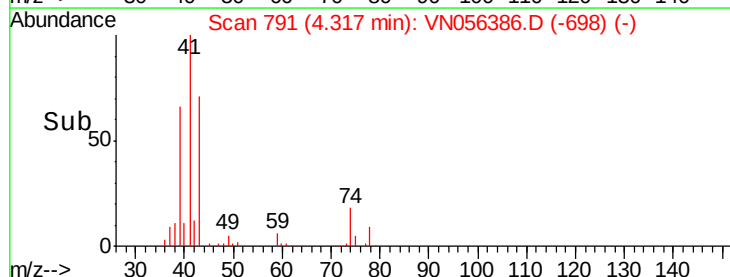
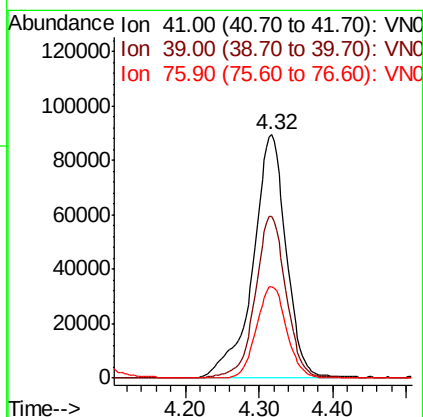
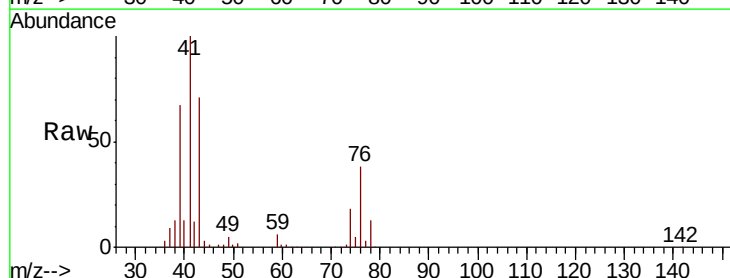
Tgt Ion: 41 Resp: 280100

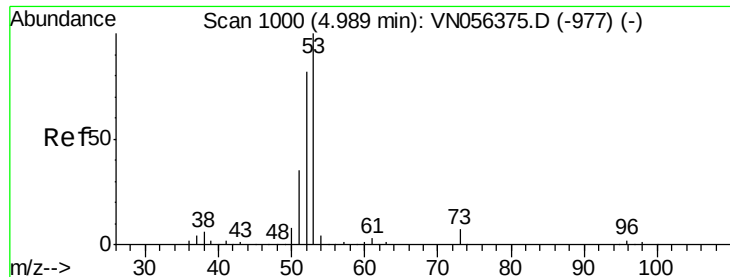
Ion Ratio Lower Upper

41 100

39 61.7 48.6 73.0

76 34.2 26.6 40.0





#15

Acrylonitrile

Concen: 222.785 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

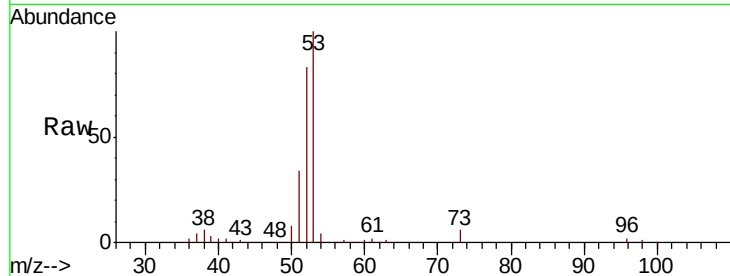
Tot Ion: 53 Resp: 453653

Ion Ratio Lower Upper

53 100

52 81.7 65.9 98.9

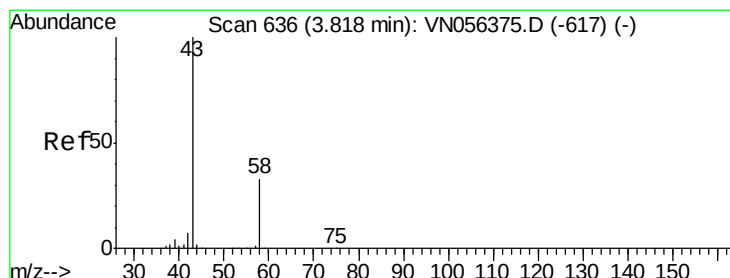
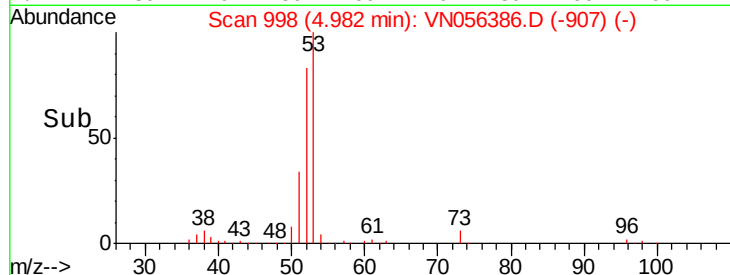
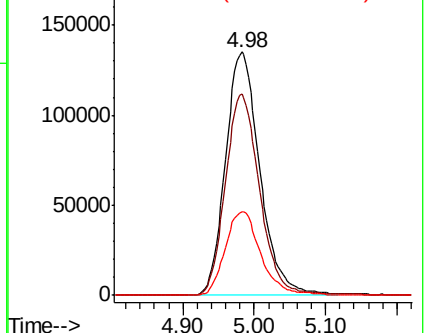
51 35.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 211.965 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.01 min

Lab File: VN056386.D

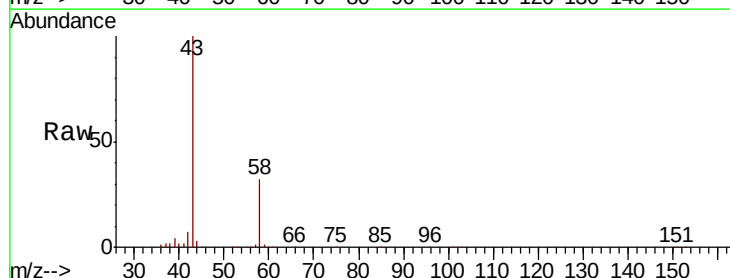
Acq: 19 Jun 2019 15:21

Tgt Ion: 43 Resp: 464103

Ion Ratio Lower Upper

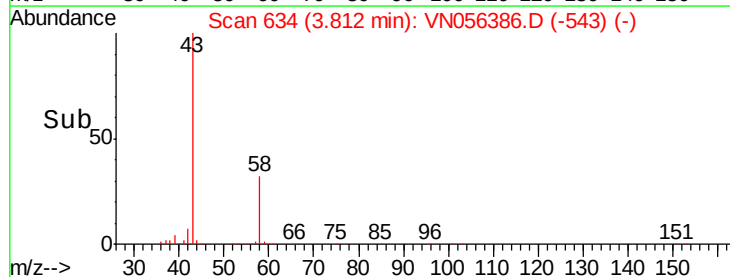
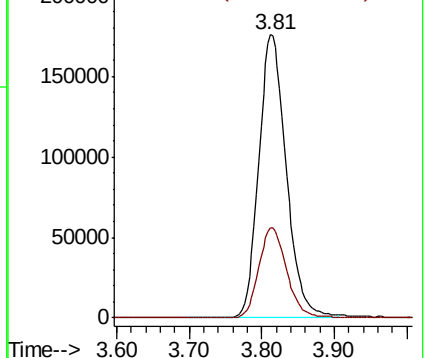
43 100

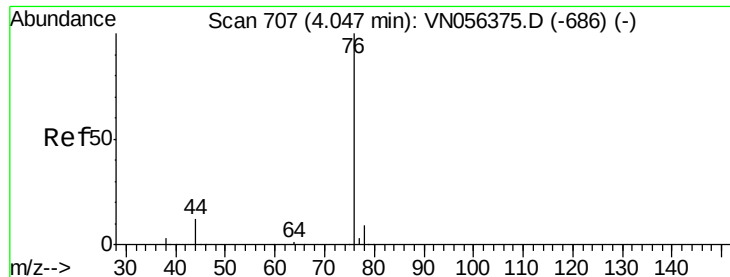
58 31.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

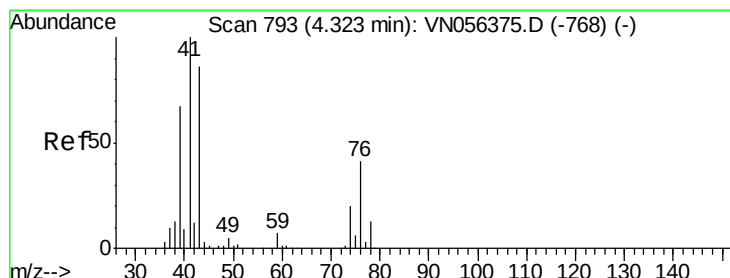
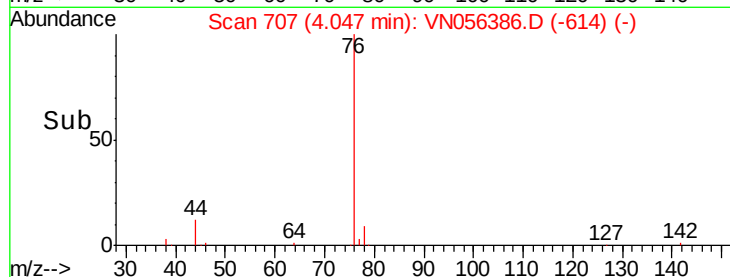
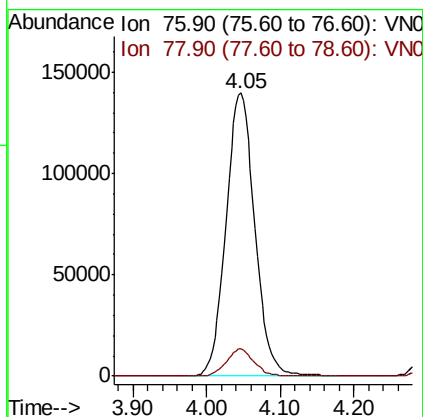
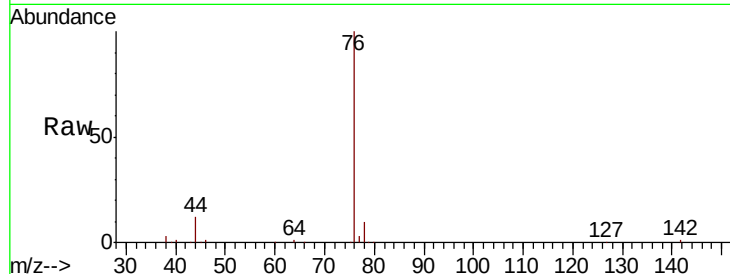




#17
Carbon Disulfide
Concen: 47.820 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

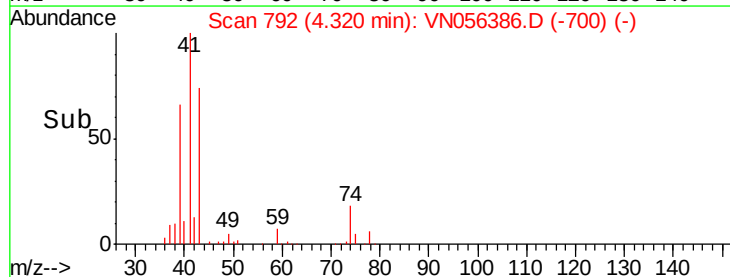
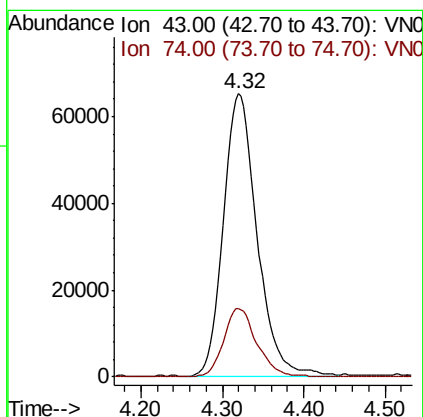
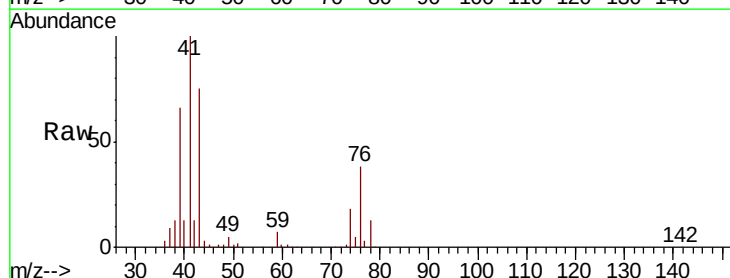
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

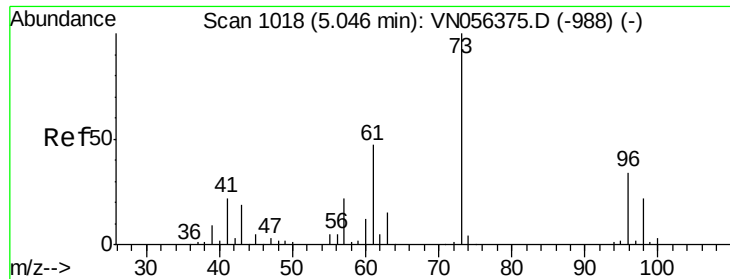
Tot Ion: 76 Resp: 378864
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 43.684 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 43 Resp: 187804
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8

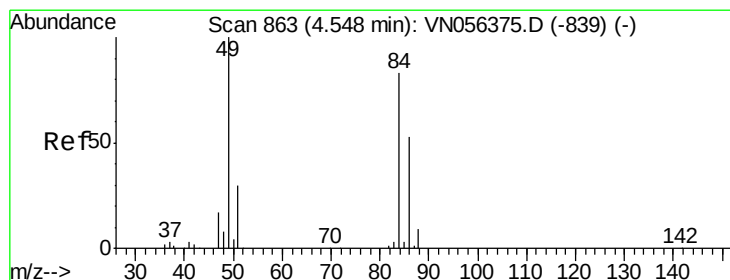
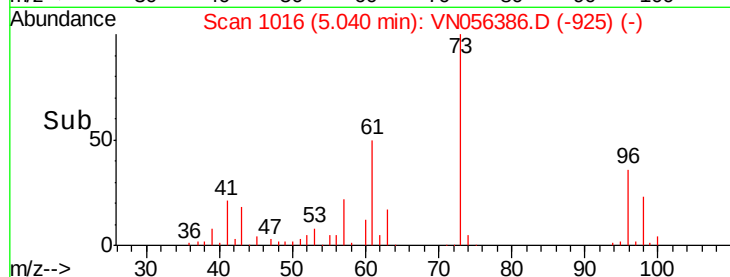
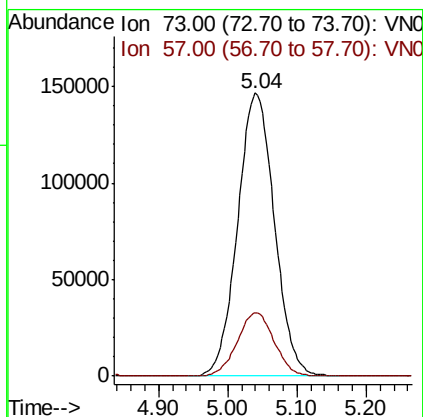
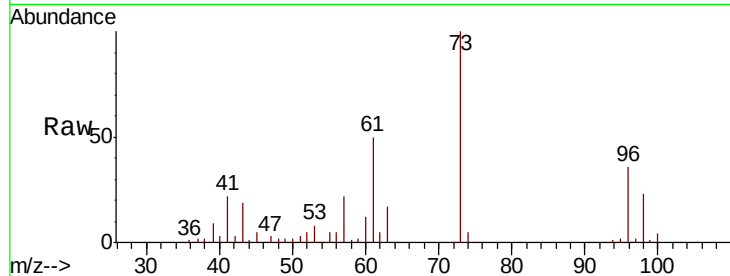




#19
Methyl tert-butyl Ether
Concen: 46.923 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

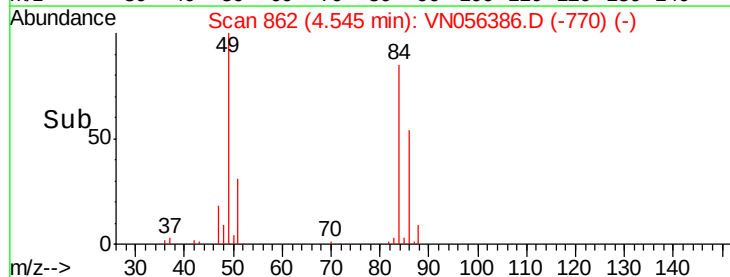
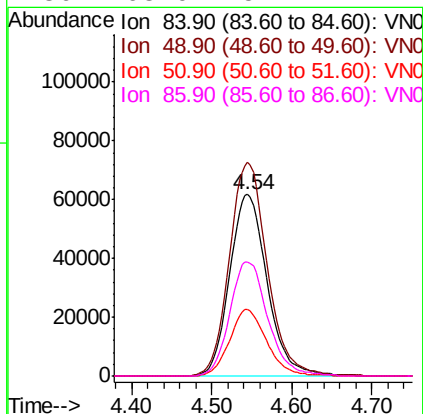
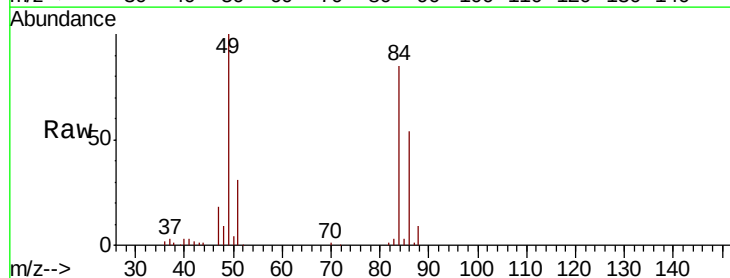
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

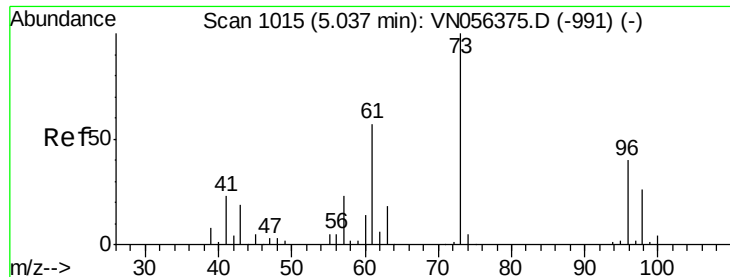
Tot Ion: 73 Resp: 540830
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 47.591 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 84 Resp: 196611
Ion Ratio Lower Upper
84 100
49 117.6 96.4 144.6
51 36.9 28.6 43.0
86 63.0 51.4 77.2

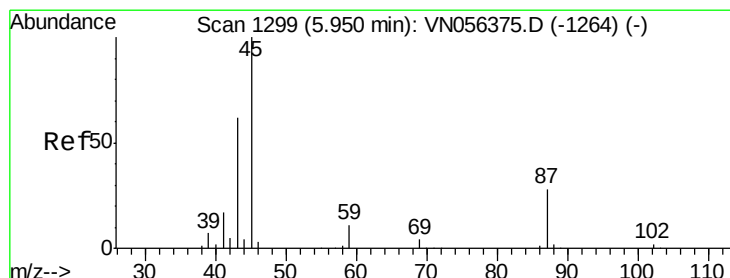
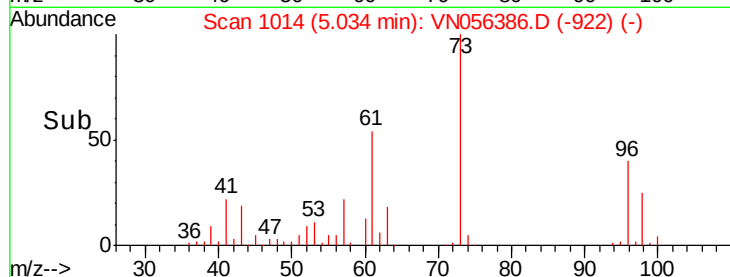
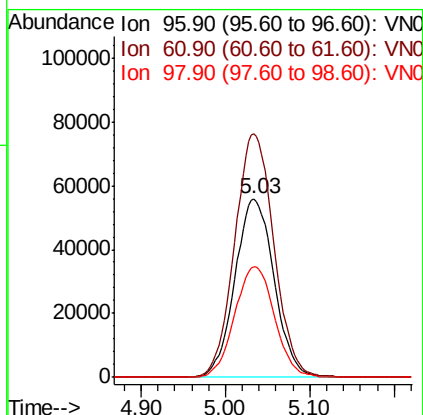
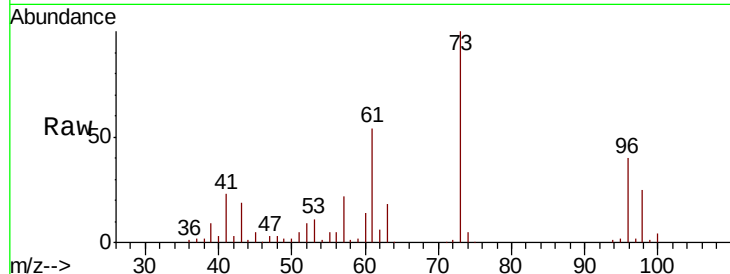




#21
trans-1,2-Dichloroethene
Concen: 48.108 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

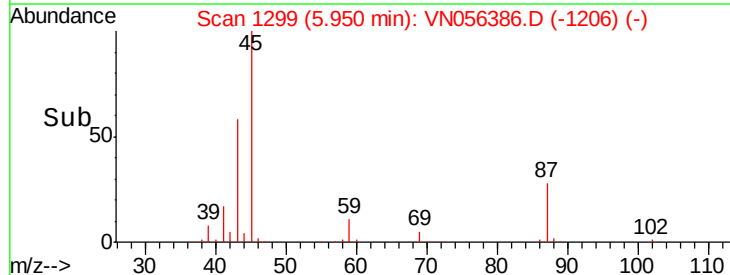
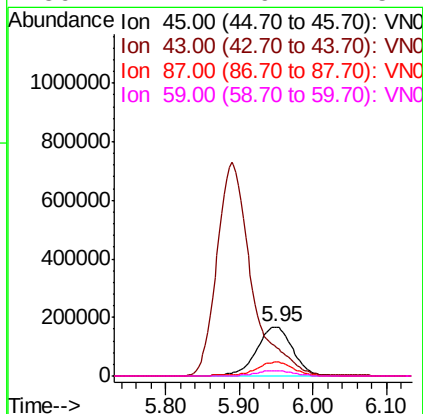
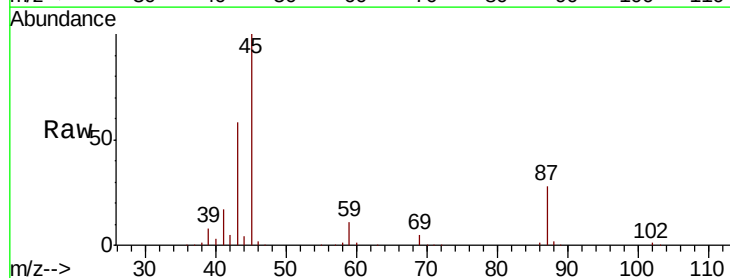
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

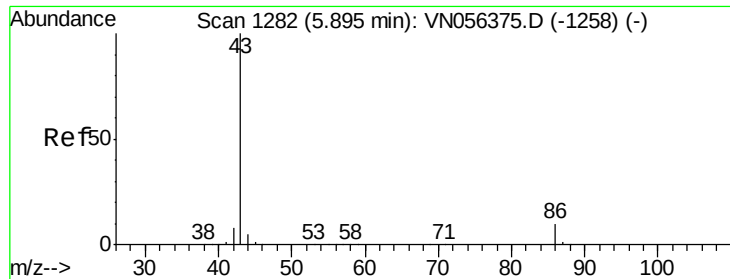
Tot Ion: 96 Resp: 180676
Ion Ratio Lower Upper
96 100
61 136.5 113.0 169.6
98 62.1 52.2 78.2



#22
Diisopropyl ether
Concen: 47.476 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 45 Resp: 578130
Ion Ratio Lower Upper
45 100
43 56.6 50.4 75.6
87 27.9 23.0 34.4
59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 248.454 ug/l

RT: 5.89 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

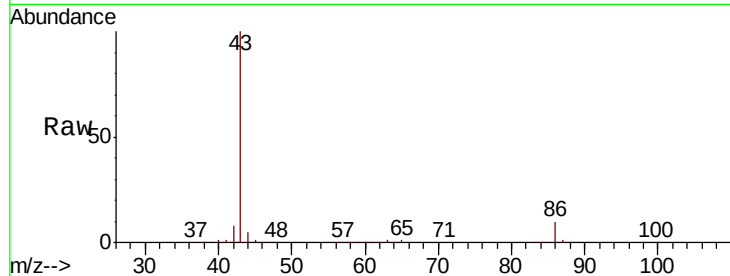
VSTDCCC050EC

Tot Ion: 43 Resp: 2386328

Ion Ratio Lower Upper

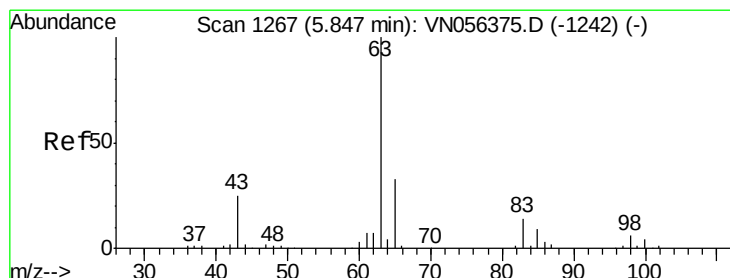
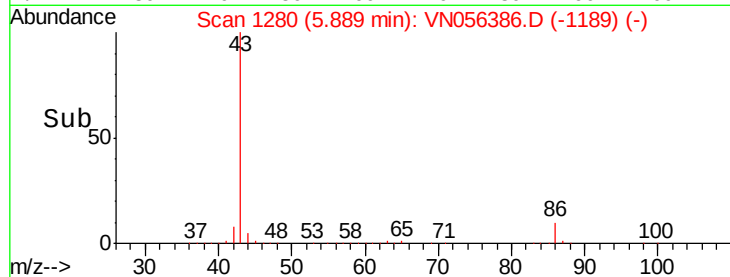
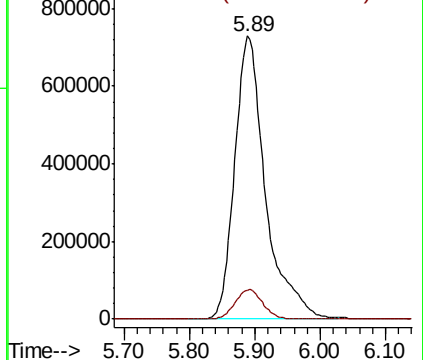
43 100

86 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.194 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

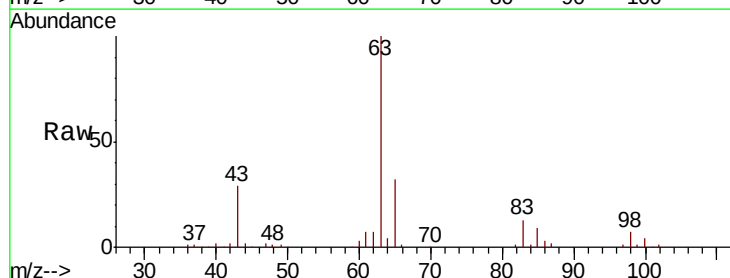
Tgt Ion: 63 Resp: 329900

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

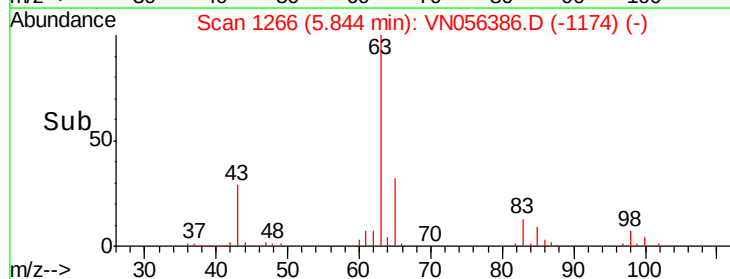
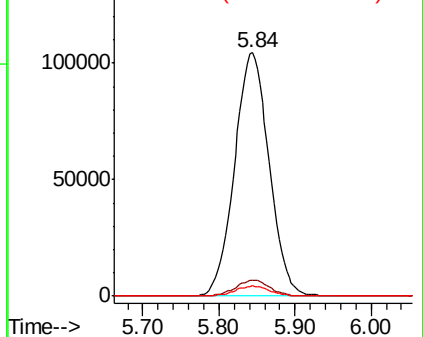
100 4.2 2.1 6.5

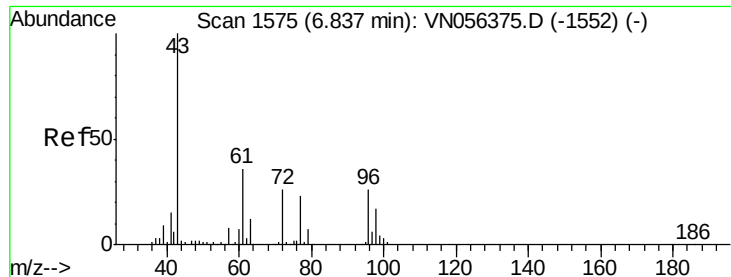


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

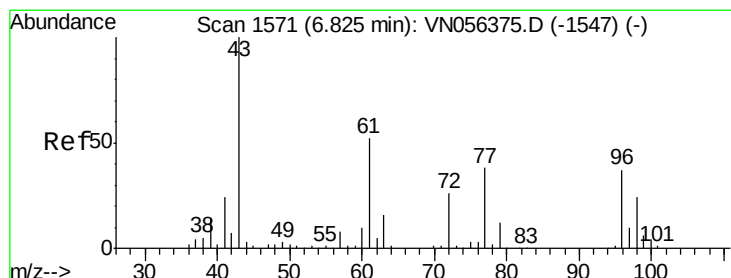
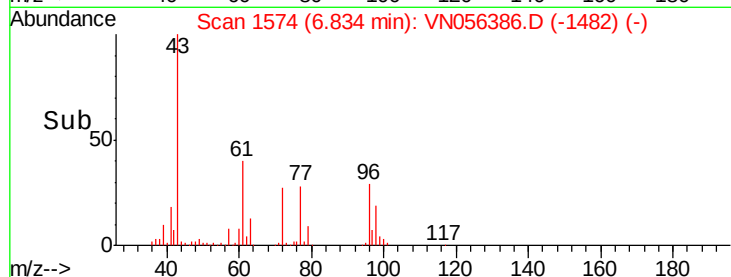
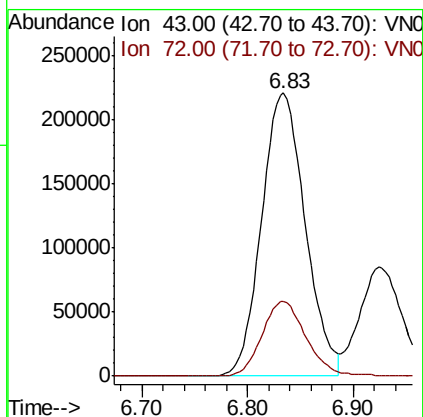
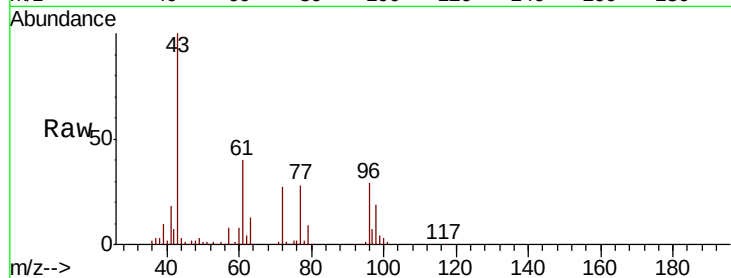




#25
2-Butanone
Concen: 218.313 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

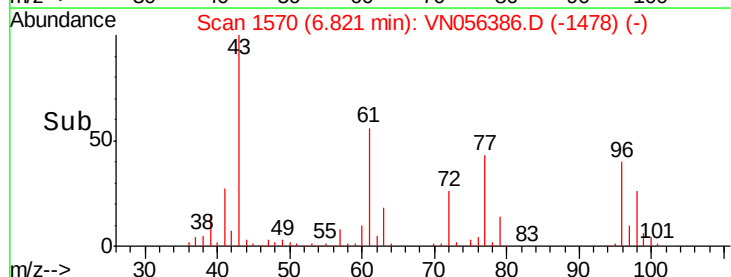
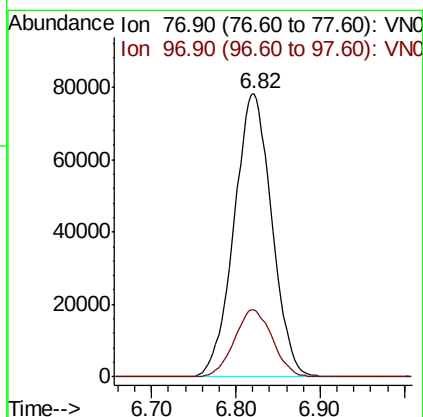
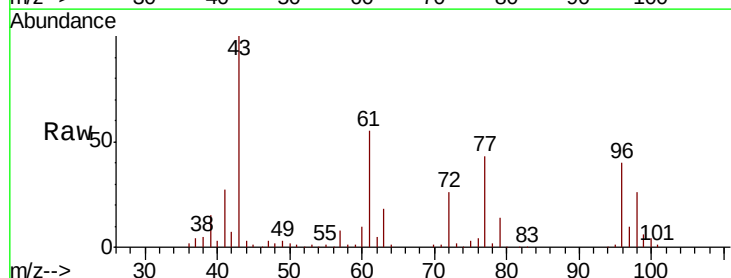
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

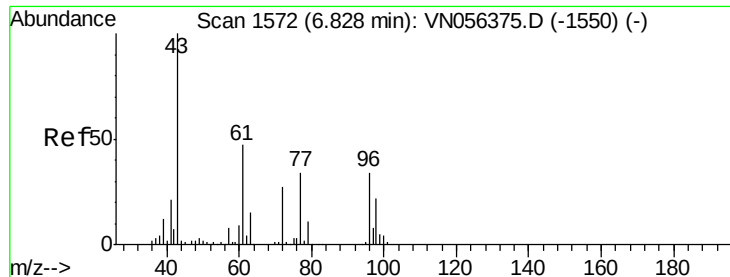
Tot Ion: 43 Resp: 632639
Ion Ratio Lower Upper
43 100
72 26.6 20.6 31.0



#26
2,2-Dichloropropane
Concen: 49.989 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 77 Resp: 243033
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.222 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

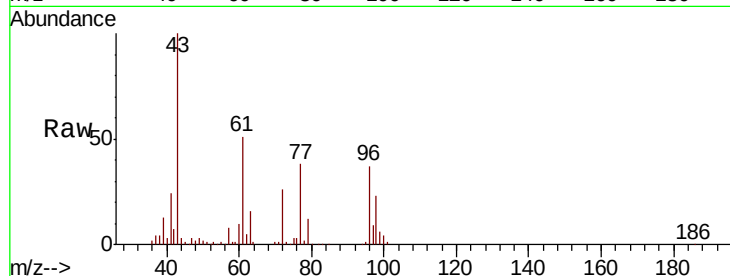
Tot Ion: 96 Resp: 211877

Ion Ratio Lower Upper

96 100

61 140.6 0.0 279.8

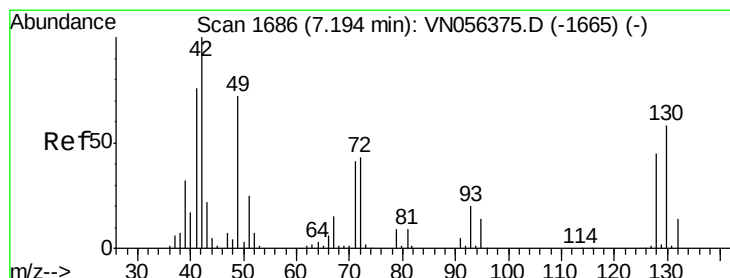
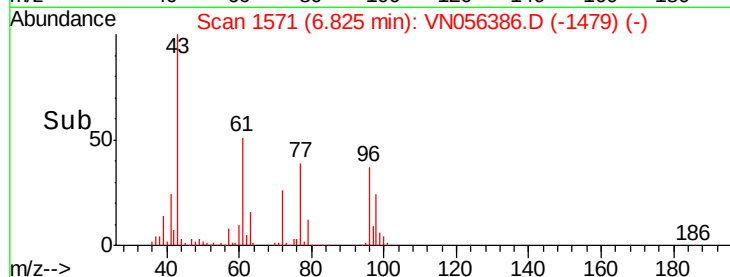
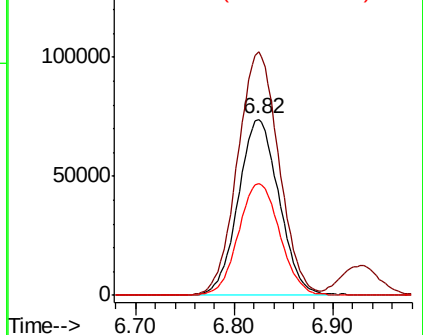
98 64.8 0.0 130.0



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: 47.531 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

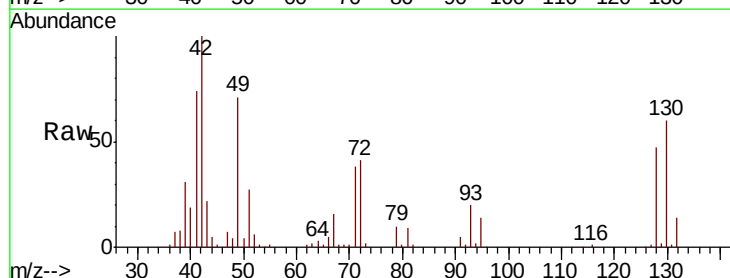
Tgt Ion: 49 Resp: 164340

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

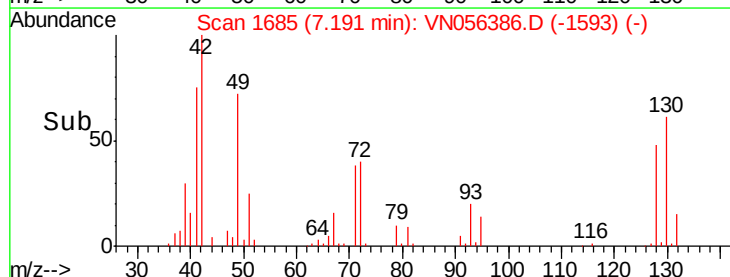
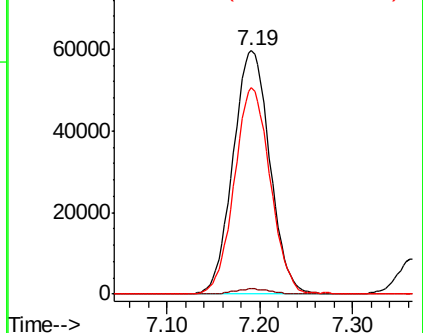
130 82.7 64.9 97.3

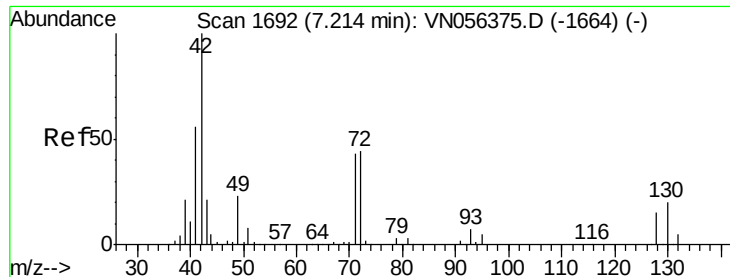


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

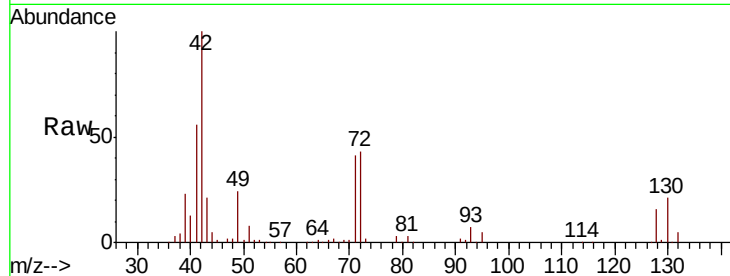




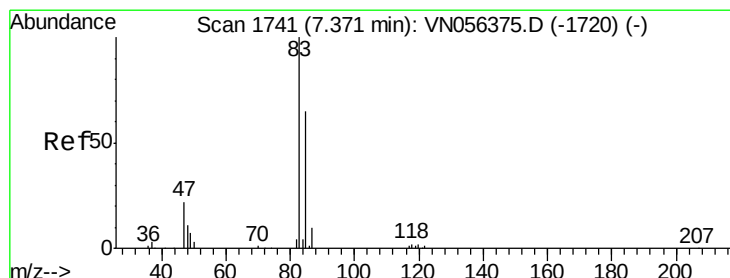
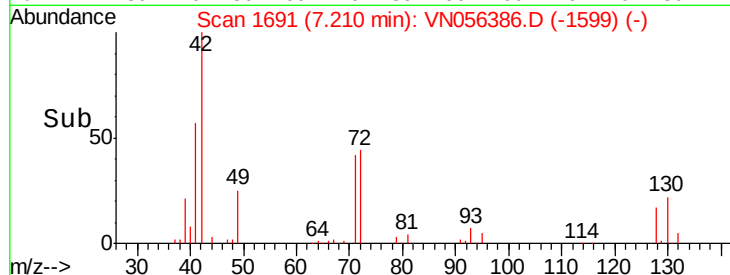
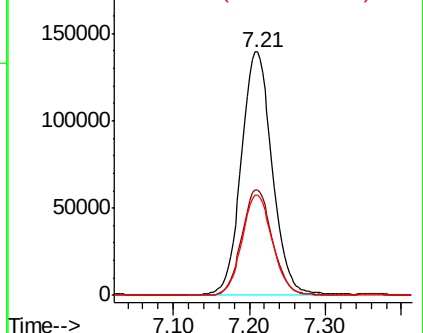
#29
Tetrahydrofuran
Concen: 222.052 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 393229
Ion Ratio Lower Upper
42 100
72 43.0 34.7 52.1
71 40.6 33.0 49.6

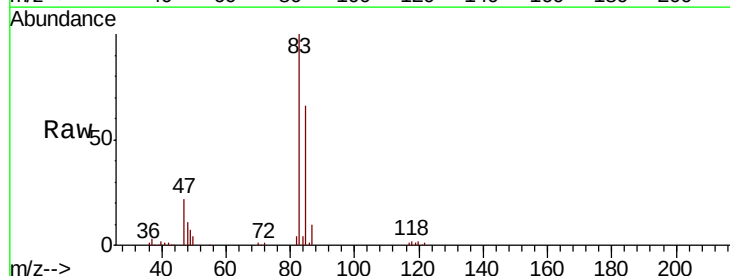


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

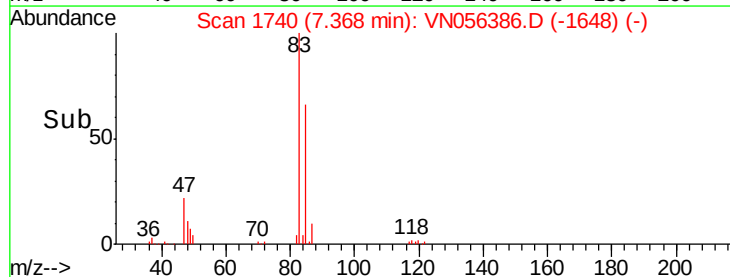
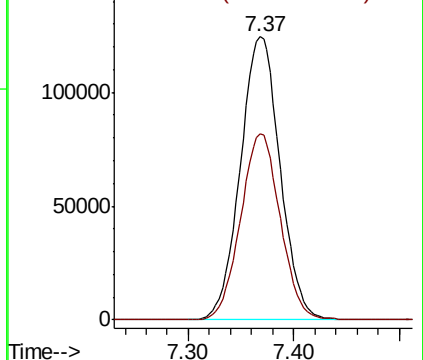


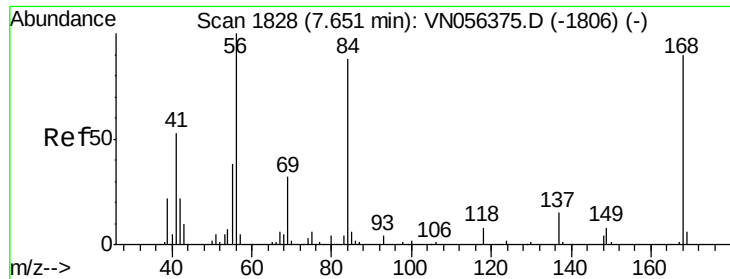
#30
Chloroform
Concen: 47.265 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 83 Resp: 326018
Ion Ratio Lower Upper
83 100
85 65.7 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

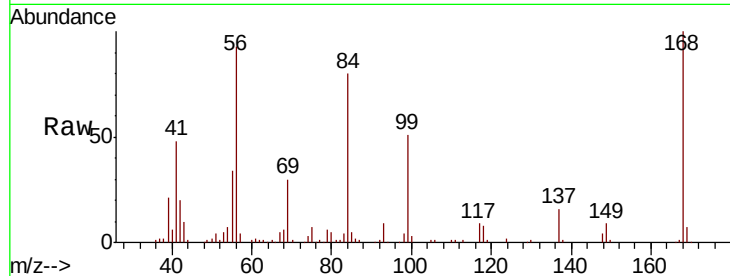




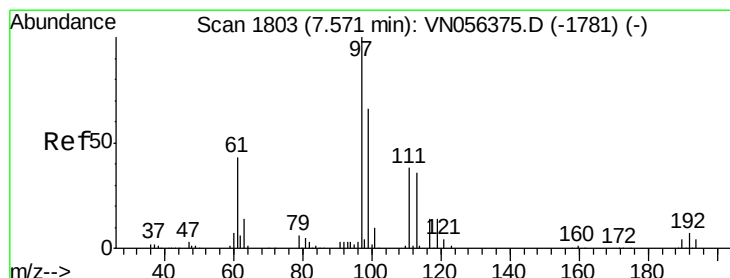
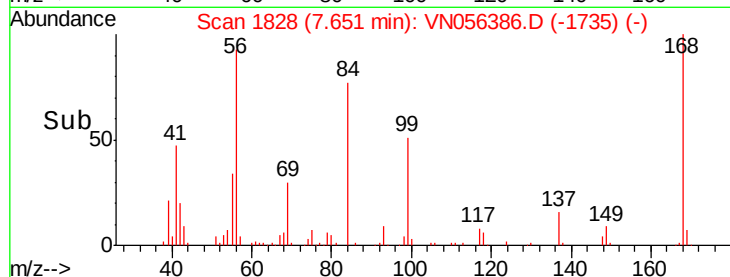
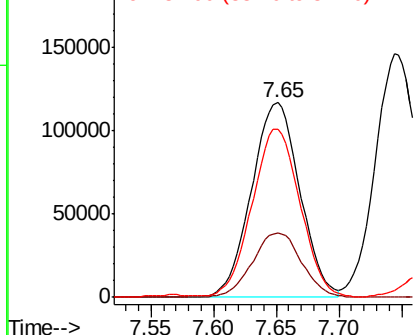
#31
Cyclohexane
Concen: 46.430 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 313328
Ion Ratio Lower Upper
56 100
69 32.8 25.8 38.6
84 85.2 69.4 104.0

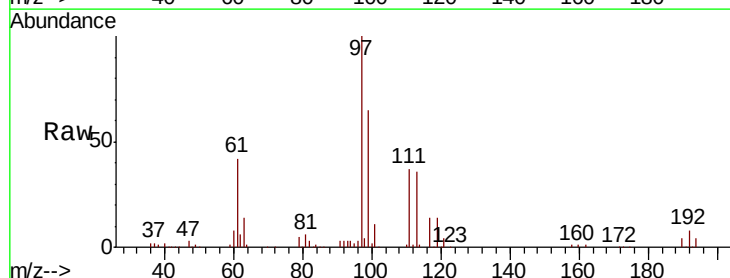


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

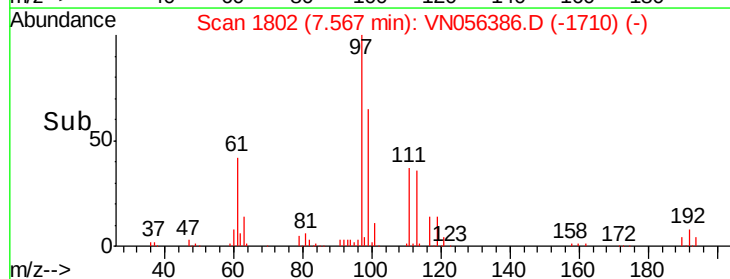
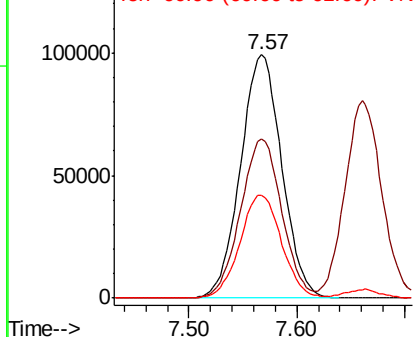


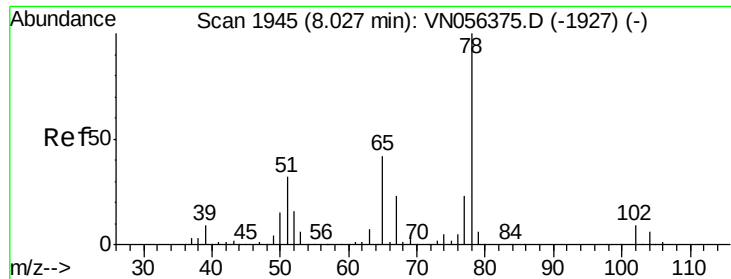
#32
1,1,1-Trichloroethane
Concen: 48.226 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 97 Resp: 263670
Ion Ratio Lower Upper
97 100
99 65.4 51.8 77.6
61 42.8 33.9 50.9



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

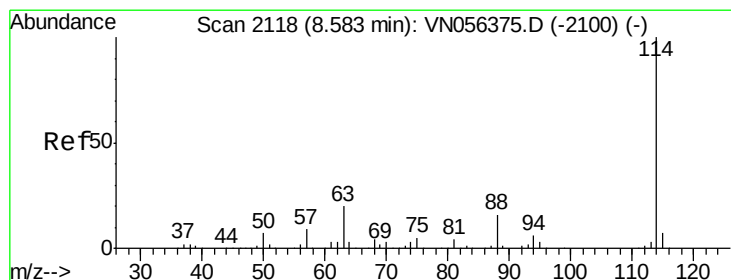
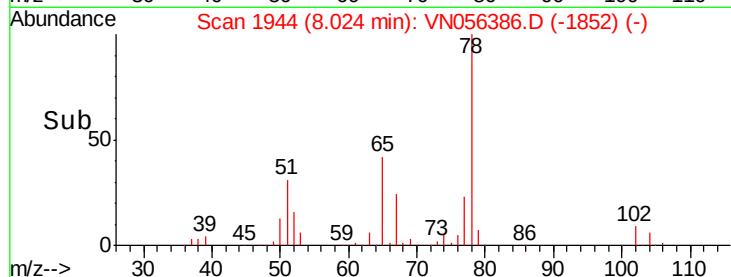
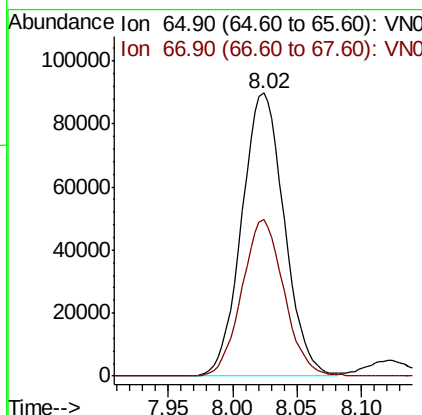
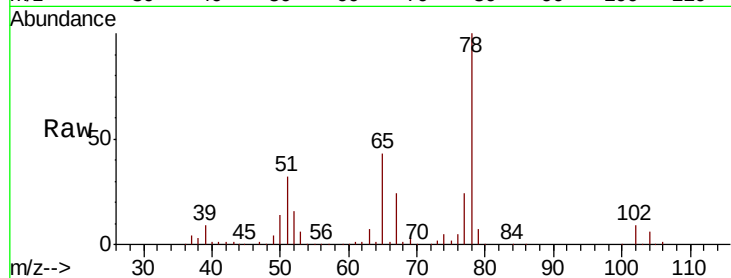




#33
 1,2-Dichloroethane-d4
 Concen: 47.324 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

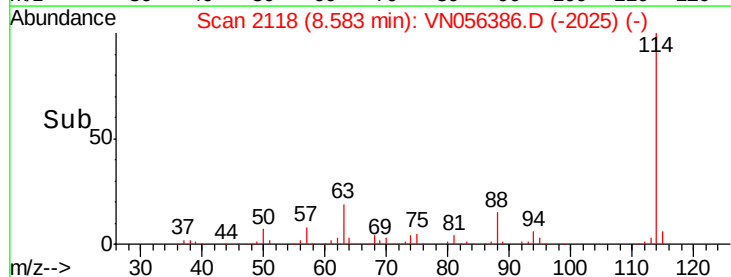
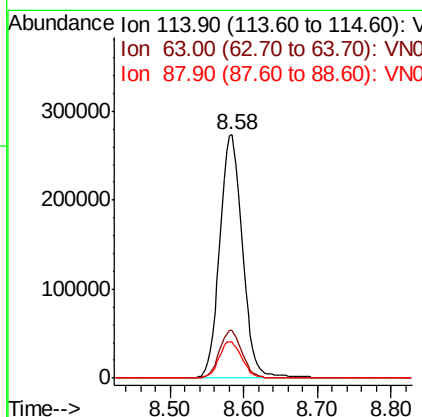
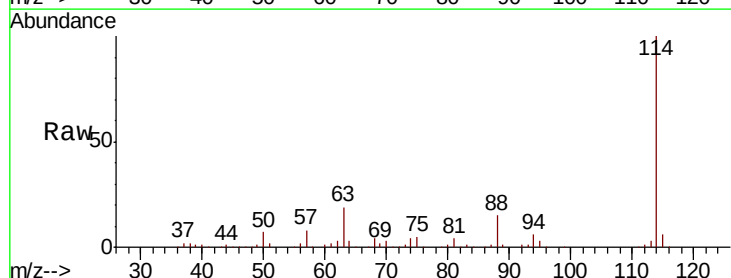
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

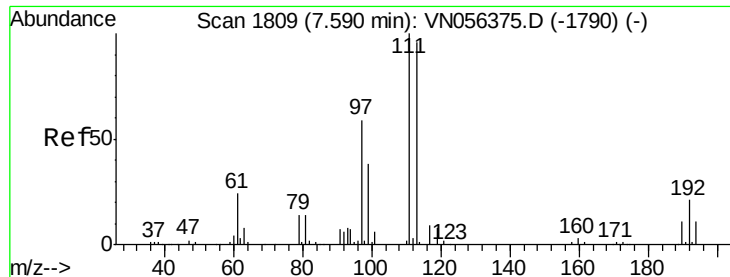
Tot Ion: 65 Resp: 206813
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion: 114 Resp: 587083
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 14.8 0.0 31.4

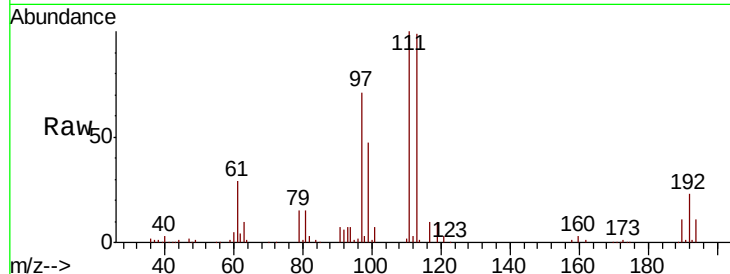




#35
 Dibromofluoromethane
 Concen: 50.152 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	22.5	17.7	26.5

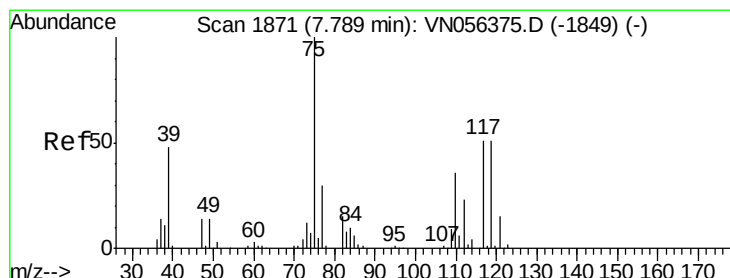
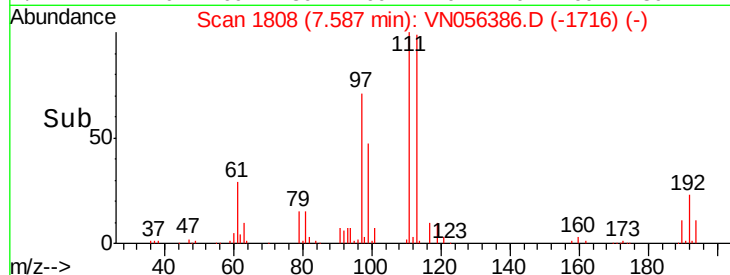
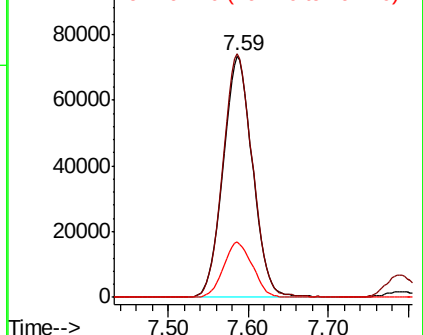


Abundance

Ion 112.80 (112.50 to 113.50): V

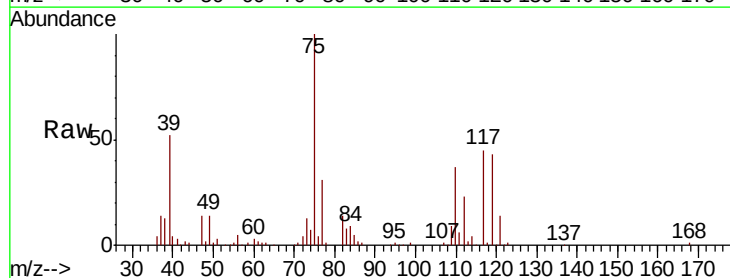
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 48.820 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.1	54.3
77	31.0	24.6	36.8

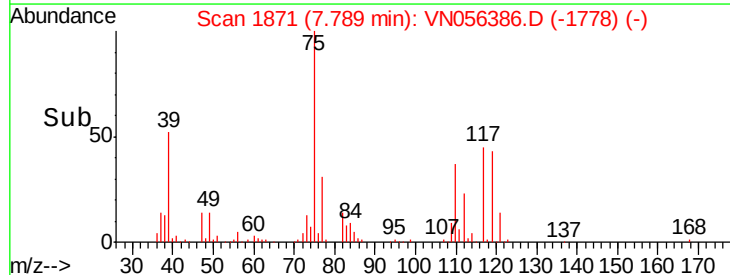
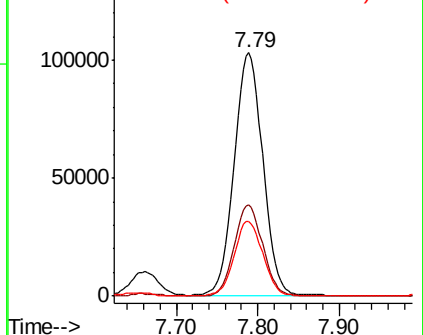


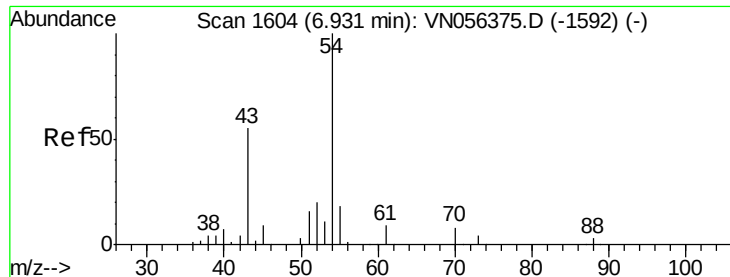
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

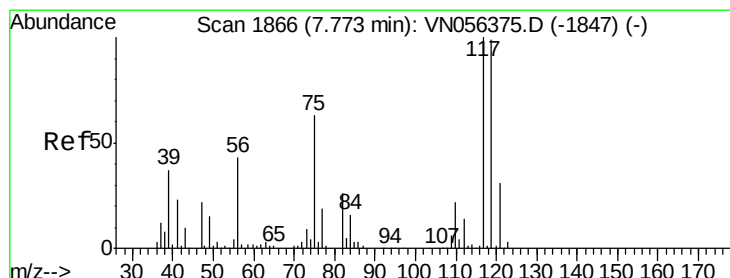
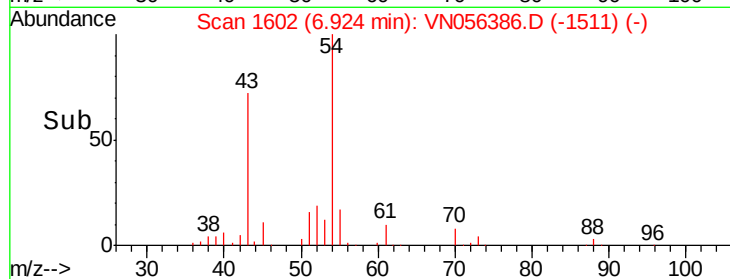
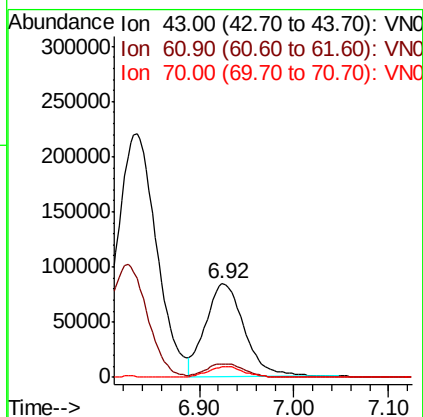
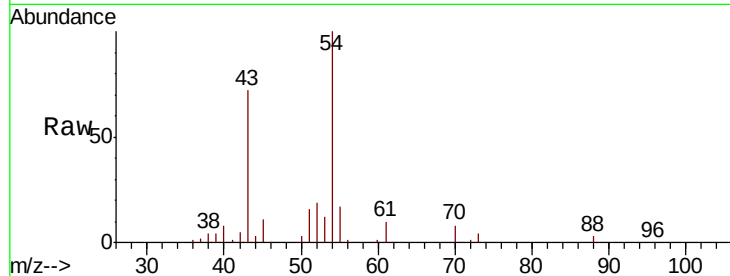




#37
Ethyl Acetate
Concen: 47.425 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

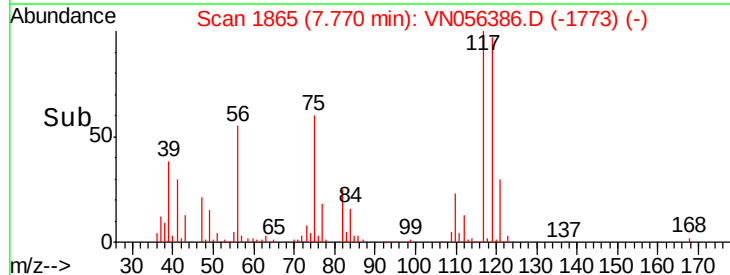
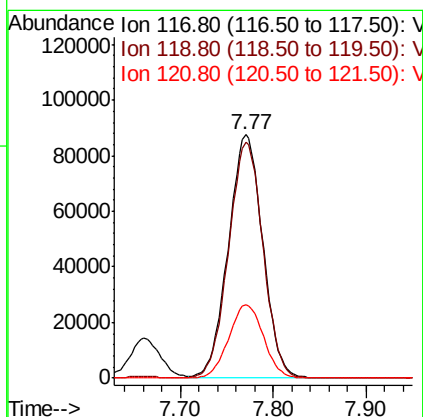
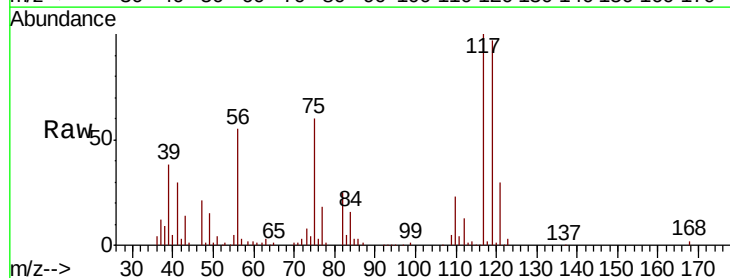
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

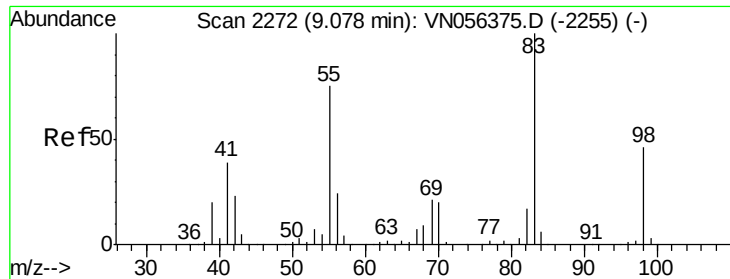
Tot Ion: 43 Resp: 240835
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 10.9 8.3 12.5



#38
Carbon Tetrachloride
Concen: 49.944 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 117 Resp: 225688
Ion Ratio Lower Upper
117 100
119 96.9 79.1 118.7
121 30.1 24.8 37.2

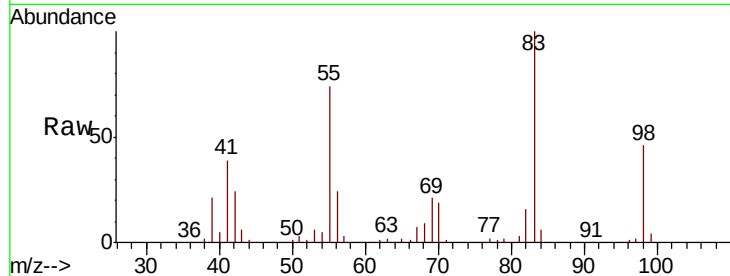




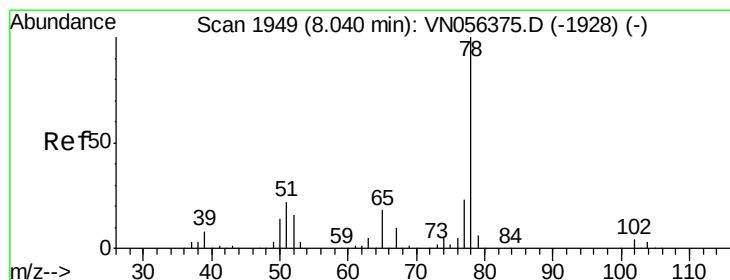
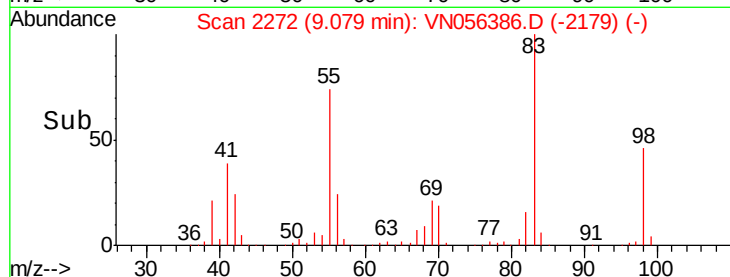
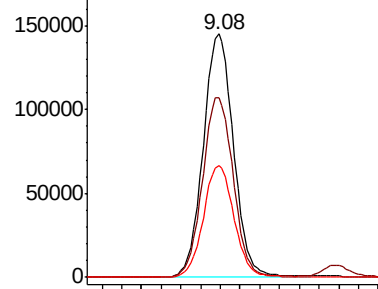
#39
Methylvlcyclohexane
Concen: 48.798 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 311140
Ion Ratio Lower Upper
83 100
55 73.8 60.0 90.0
98 45.8 36.6 54.8

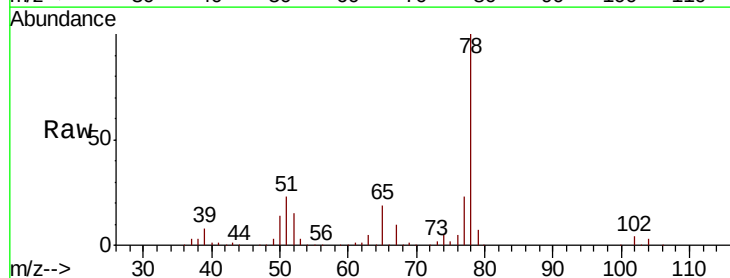


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

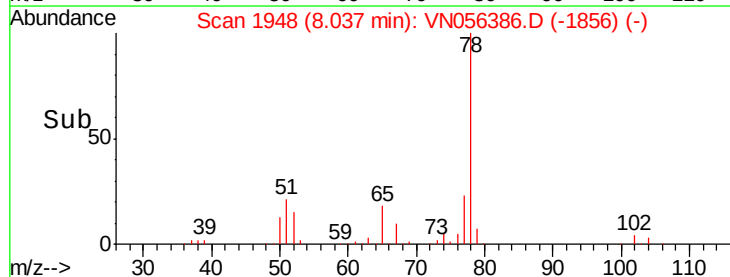
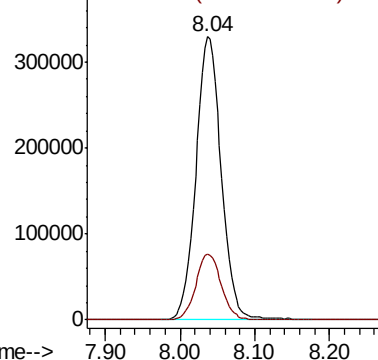


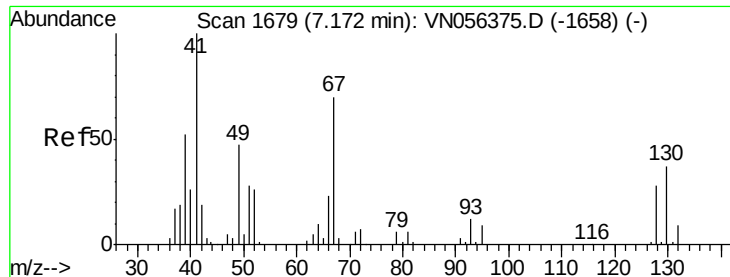
#40
Benzene
Concen: 48.409 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 78 Resp: 769457
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5



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

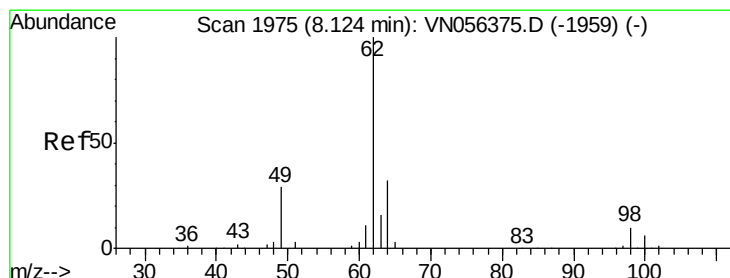
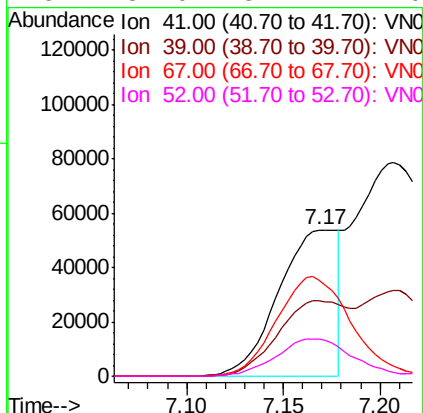
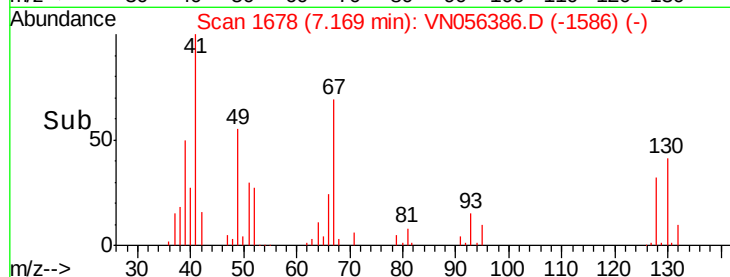
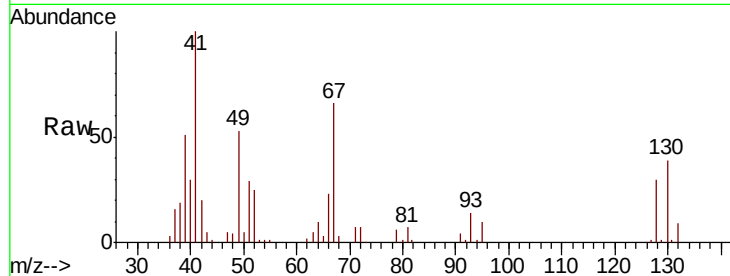




#41
Methacrylonitrile
Concen: 50.855 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

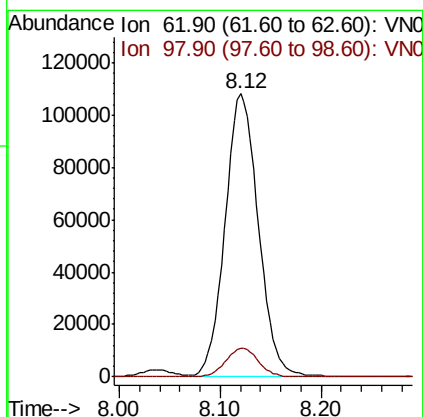
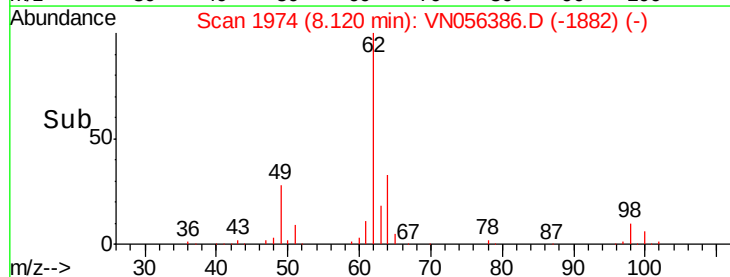
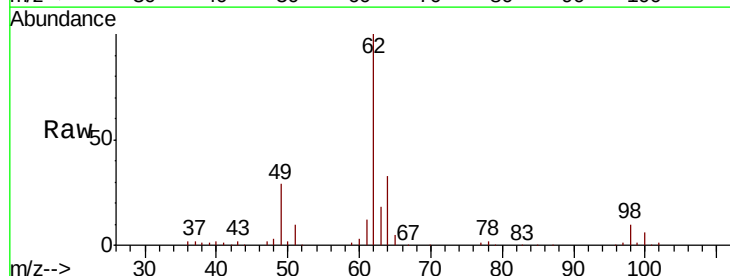
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

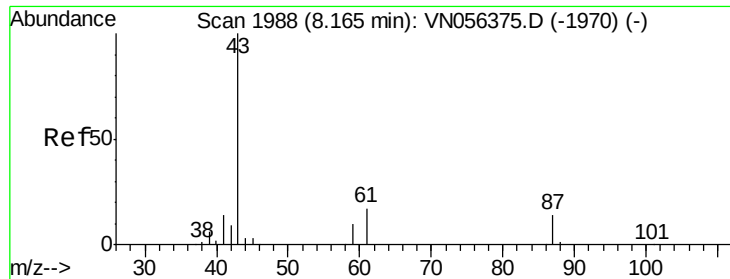
Tot Ion:	41	Resp:	114039
Ion	Ratio	Lower	Upper
41	100		
39	60.3	55.3	82.9
67	86.5	79.2	118.8
52	34.0	31.4	47.0



#42
1,2-Dichloroethane
Concen: 47.139 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion:	62	Resp:	247273
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4





#43

Isopropyl Acetate

Concen: 47.797 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

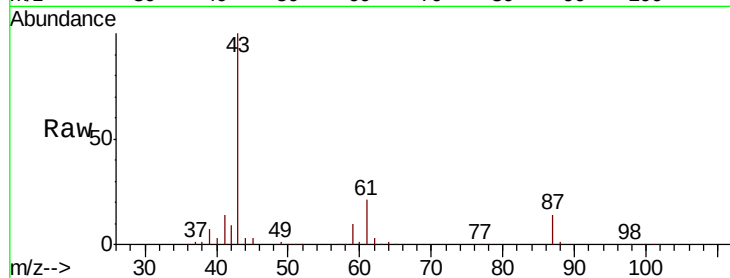
Tot Ion: 43 Resp: 374274

Ion Ratio Lower Upper

43 100

61 28.0 22.0 33.0

87 14.1 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) (-)

8.16

200000

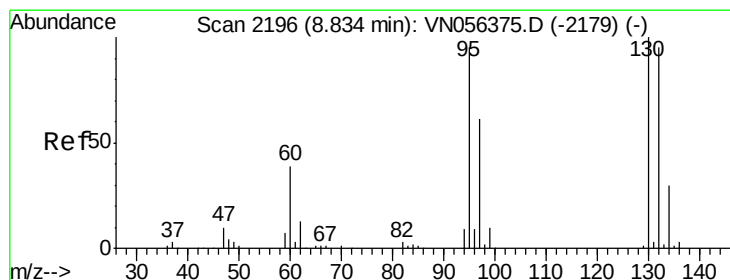
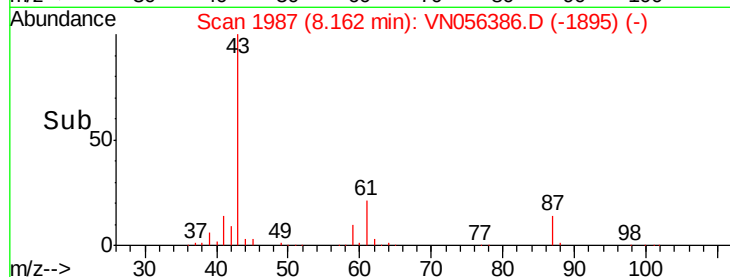
150000

100000

50000

0

Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 49.514 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056386.D

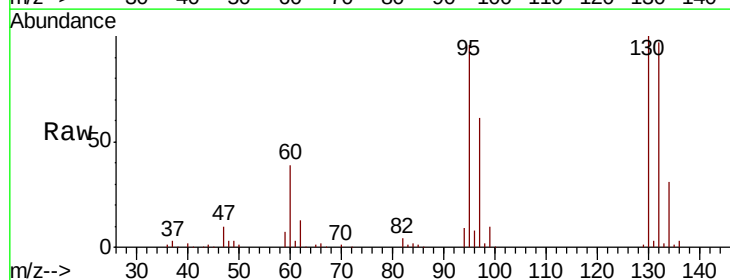
Acq: 19 Jun 2019 15:21

Tgt Ion:130 Resp: 212004

Ion Ratio Lower Upper

130 100

95 96.3 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) (-)

120000

100000

80000

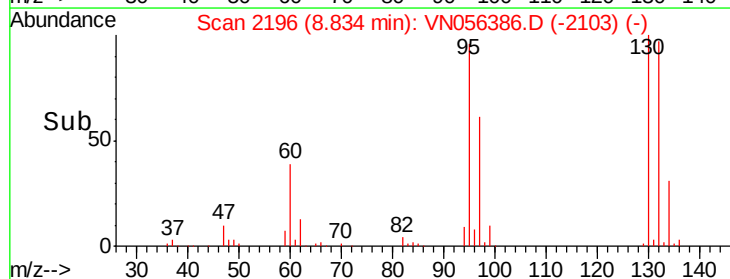
60000

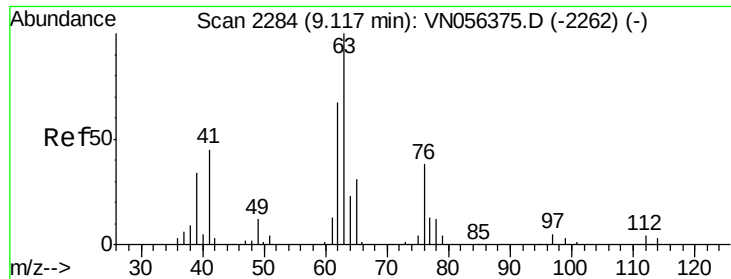
40000

20000

0

Time--> 8.70 8.80 8.90 9.00

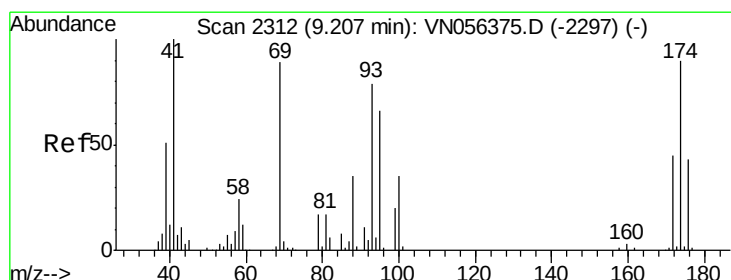
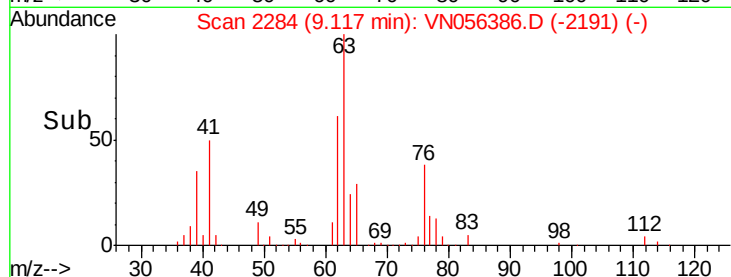
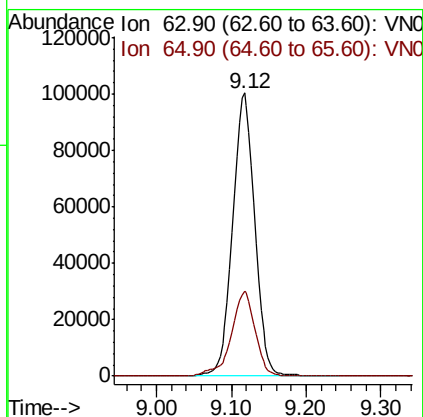
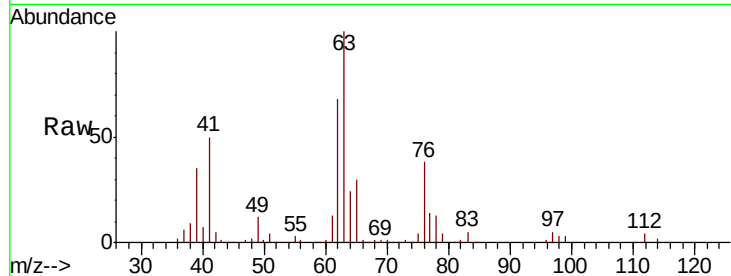




#45
 1,2-Dichloropropane
 Concen: 48.683 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

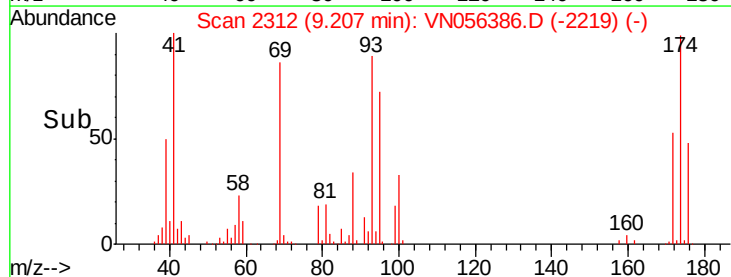
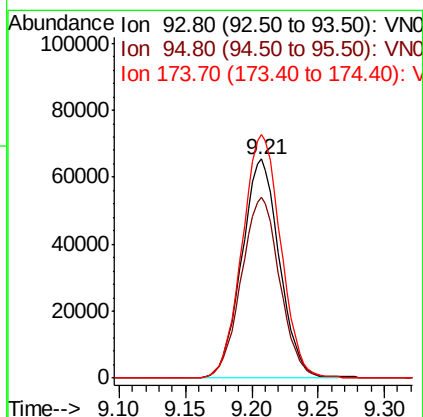
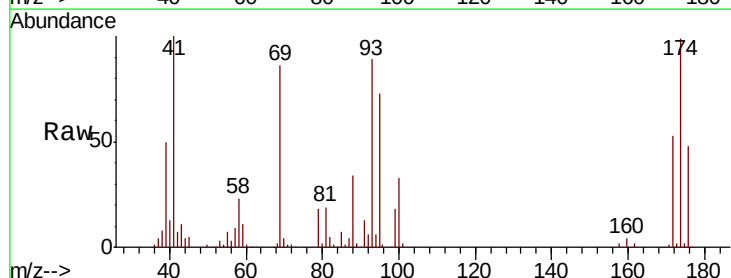
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

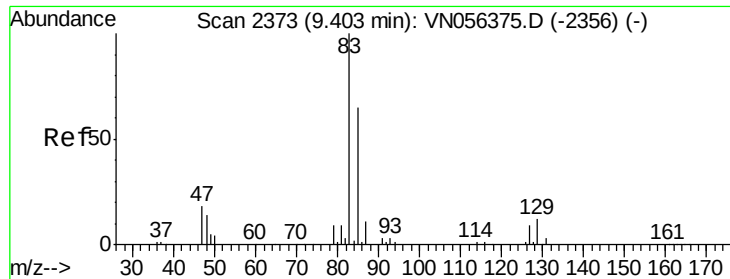
Tot Ion: 63 Resp: 206946
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6



#46
 Dibromomethane
 Concen: 48.631 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion: 93 Resp: 129335
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.2 99.2
 174 113.8 90.8 136.2





#47

Bromodichloromethane

Concen: 51.293 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

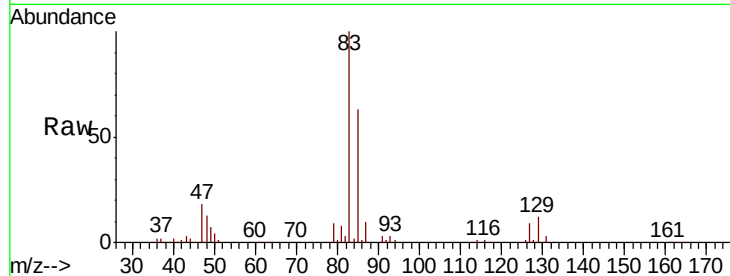
Tot Ion: 83 Resp: 241941

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.4

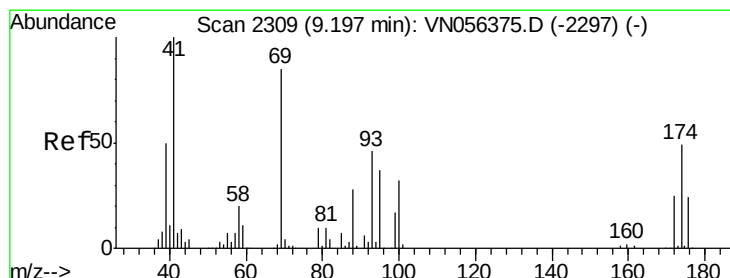
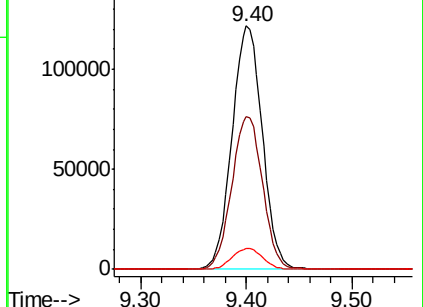
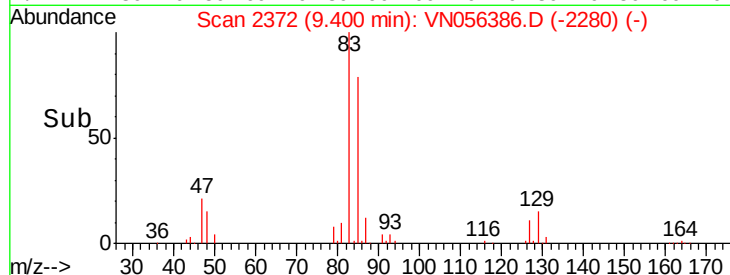
127 8.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN056375.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN056375.D (-2356) (-)



#48

Methyl methacrylate

Concen: 47.034 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

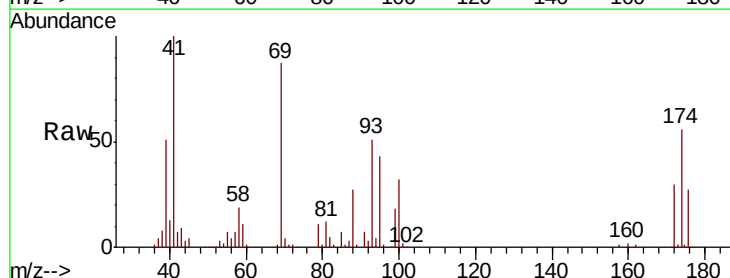
Tgt Ion: 41 Resp: 184560

Ion Ratio Lower Upper

41 100

69 90.5 72.6 109.0

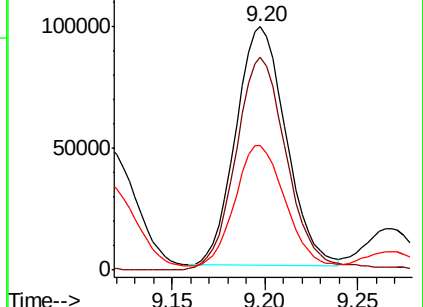
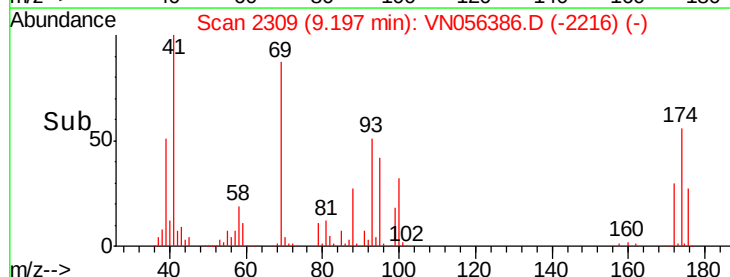
39 53.3 42.6 63.8

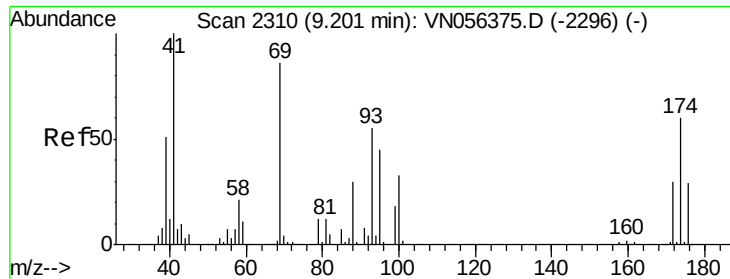


Abundance Ion 41.00 (40.70 to 41.70): VN056375.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN056375.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN056375.D (-2297) (-)





#49

1,4-Dioxane

Concen: 874.051 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

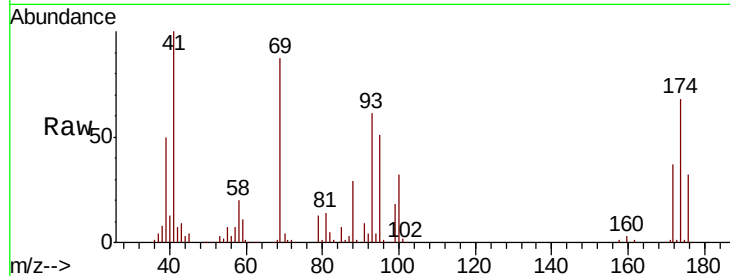
Tot Ion: 88 Resp: 71183

Ion Ratio Lower Upper

88 100

43 26.1 22.0 33.0

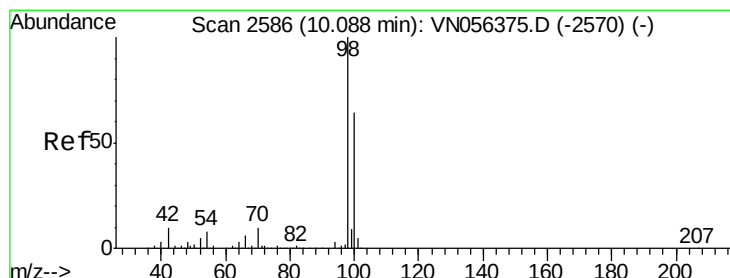
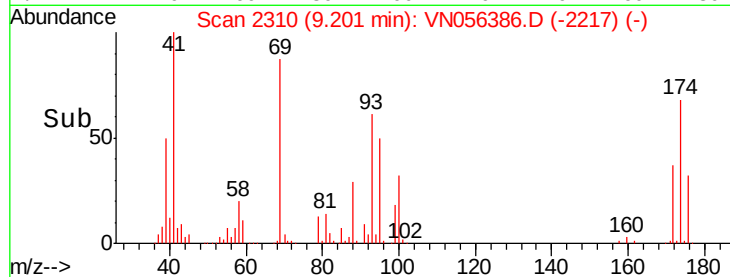
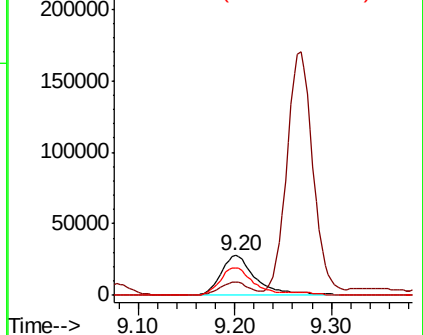
58 64.0 51.8 77.8



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: 49.421 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056386.D

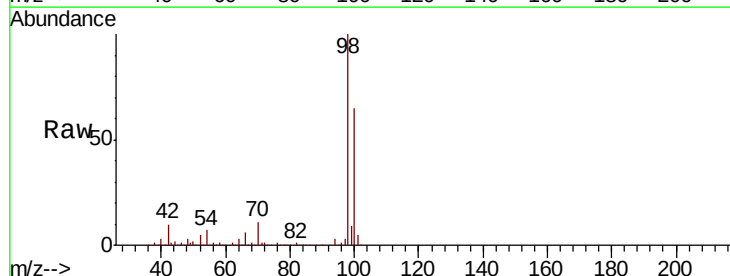
Acq: 19 Jun 2019 15:21

Tgt Ion: 98 Resp: 704287

Ion Ratio Lower Upper

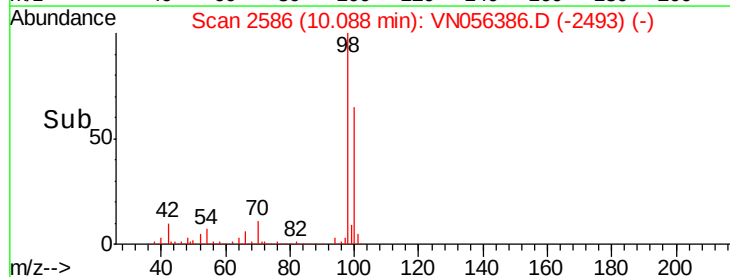
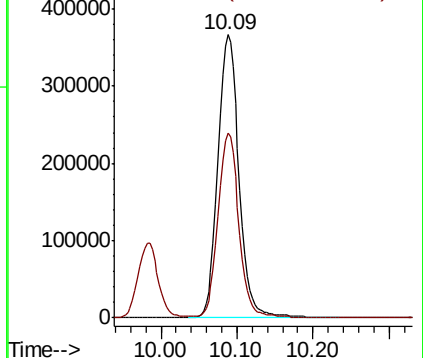
98 100

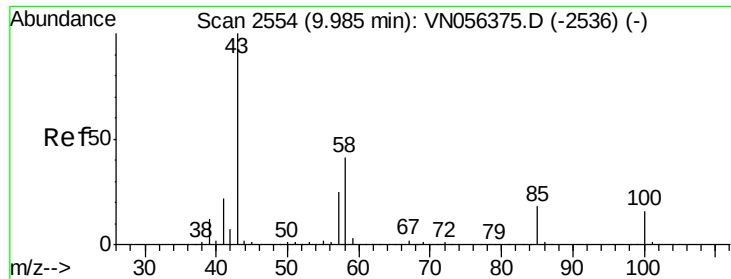
100 65.3 52.2 78.2



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: 235.755 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

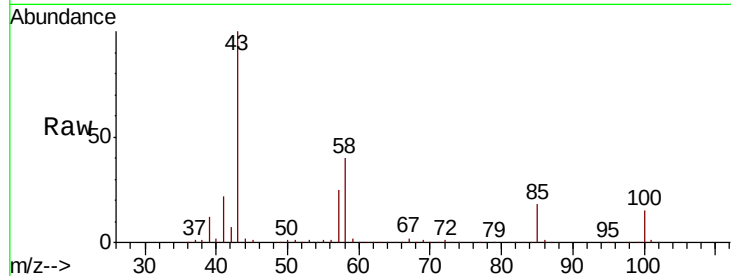
VSTDCCC050EC

Tot Ion: 43 Resp: 1191517

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

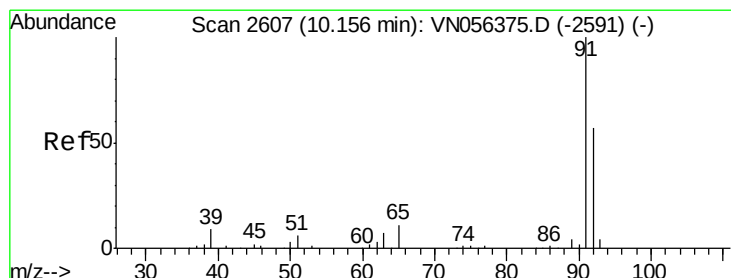
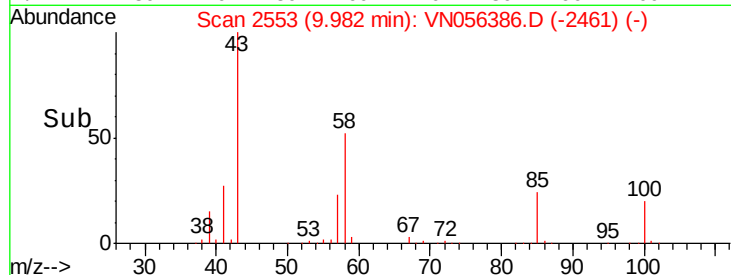
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.025 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056386.D

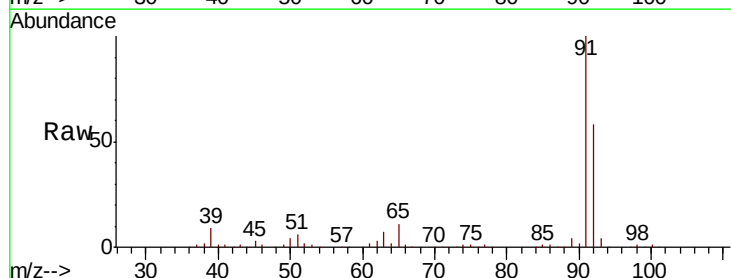
Acq: 19 Jun 2019 15:21

Tgt Ion: 92 Resp: 476418

Ion Ratio Lower Upper

92 100

91 174.8 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

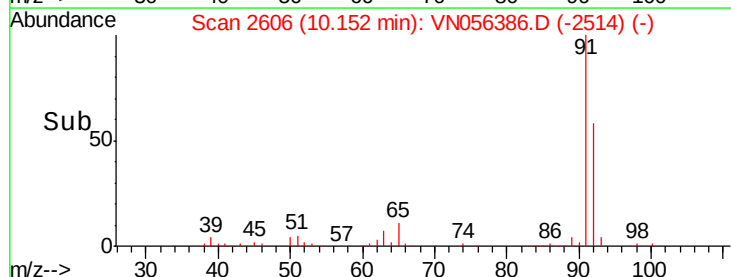
300000

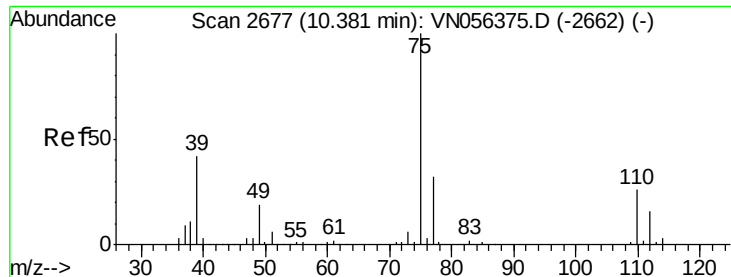
200000

100000

0

Time-->

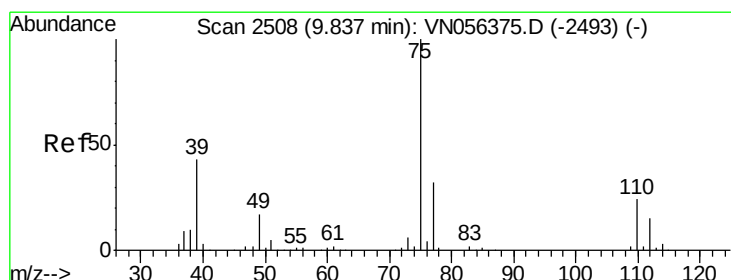
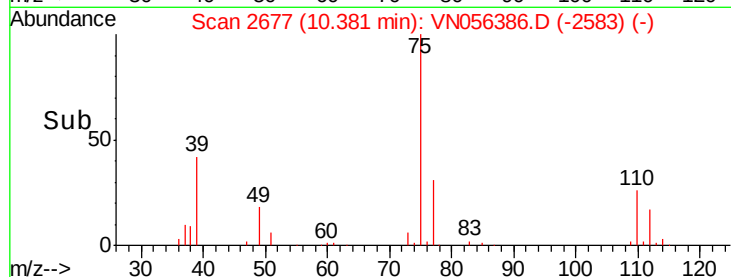
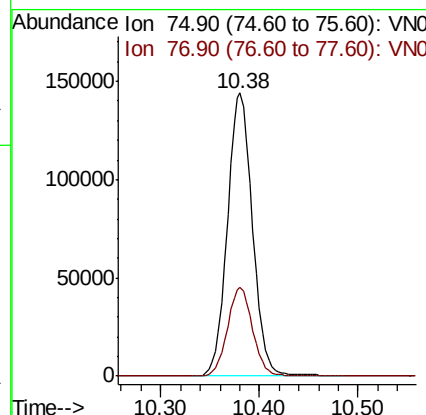
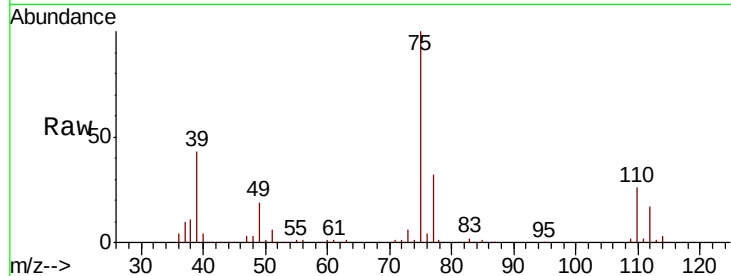




#53
 t-1,3-Dichloropropene
 Concen: 46.961 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

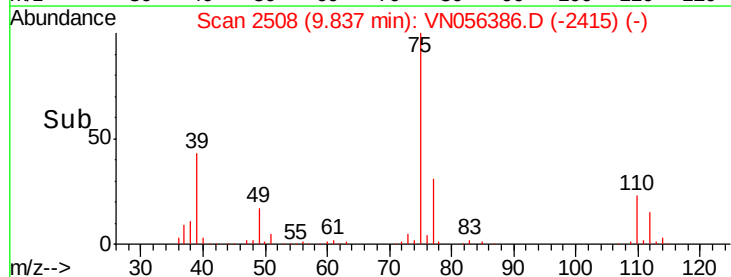
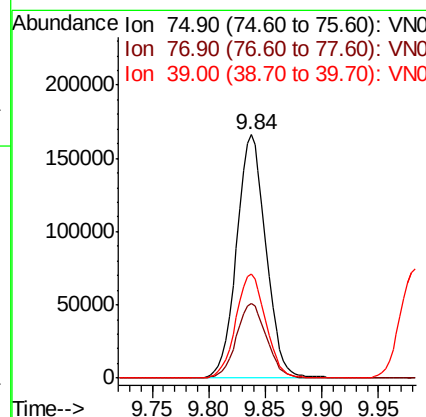
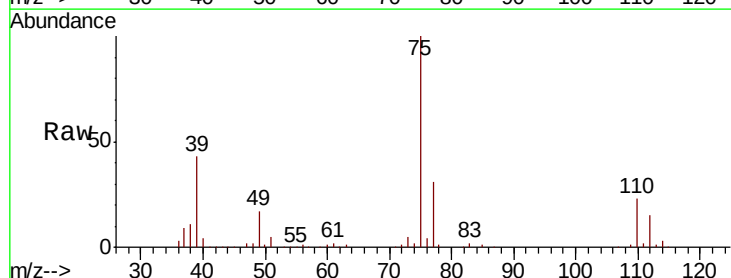
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

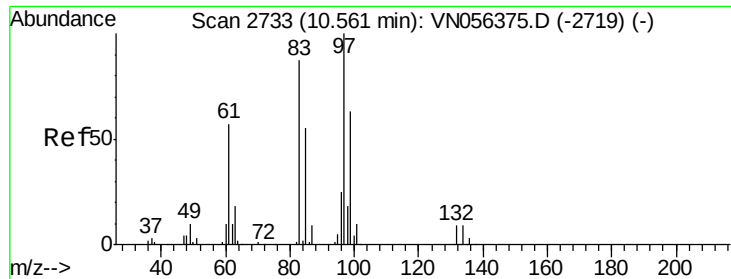
Tot Ion: 75 Resp: 256966
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.885 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion: 75 Resp: 300392
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 39 43.0 34.2 51.4





#55

1,1,2-Trichloroethane

Concen: 49.046 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 191580

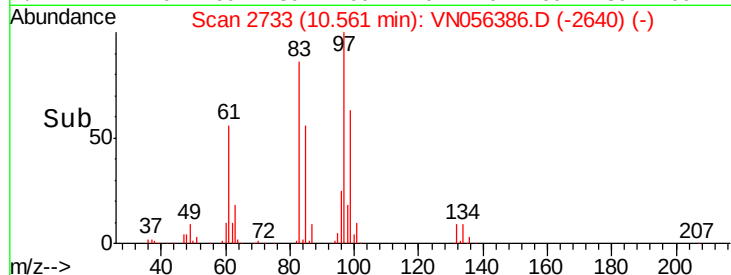
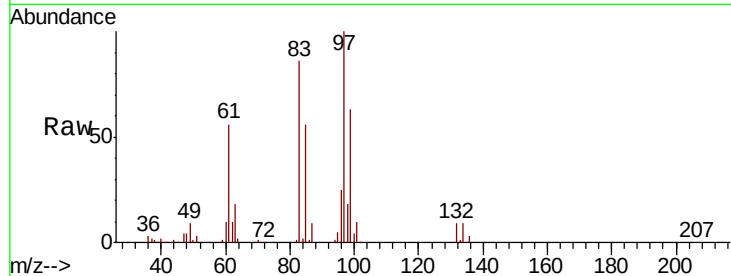
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.8	104.6
85	56.2	43.8	65.8
99	63.0	50.2	75.2

97 100

83 85.9 69.8 104.6

85 56.2 43.8 65.8

99 63.0 50.2 75.2

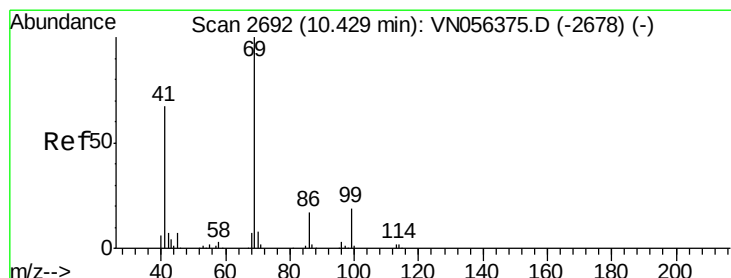
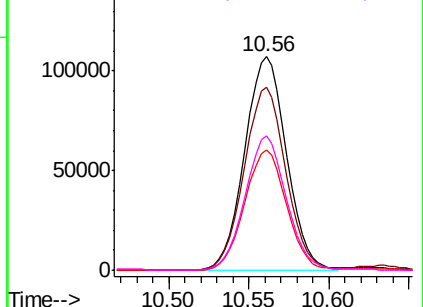


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 50.340 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

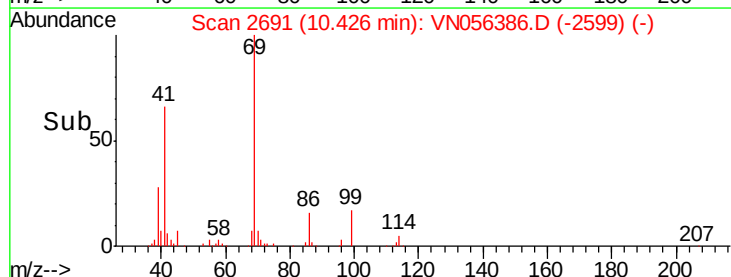
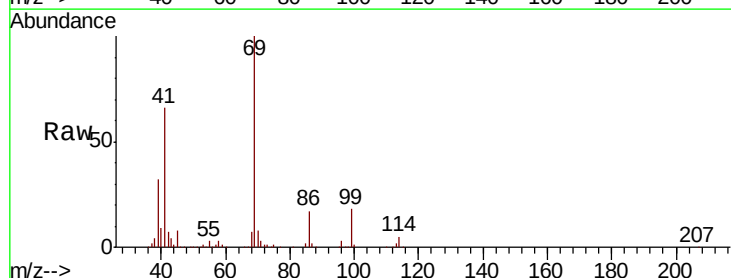
Tgt Ion: 69 Resp: 287366

Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.4	77.2
39	31.4	24.7	37.1

69 100

41 63.8 51.4 77.2

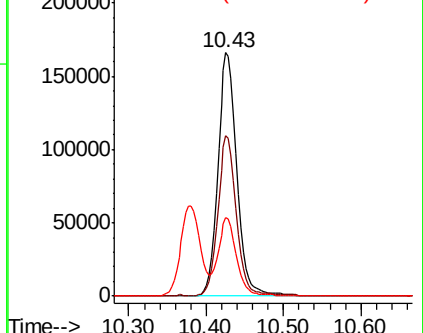
39 31.4 24.7 37.1

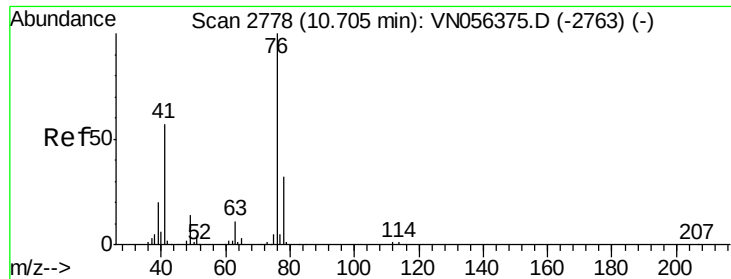


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

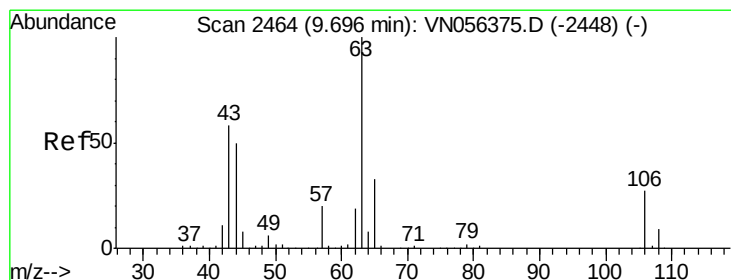
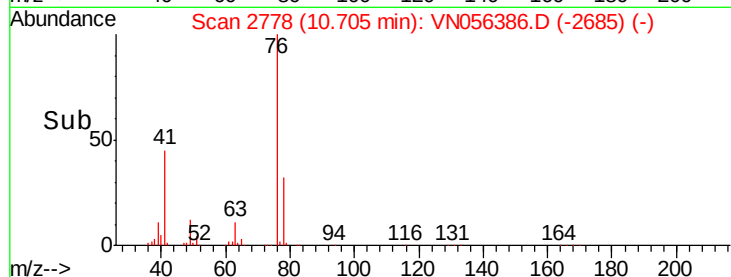
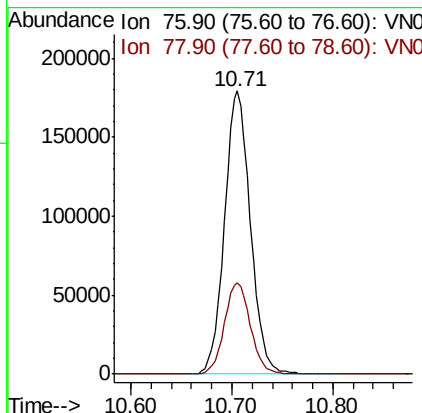
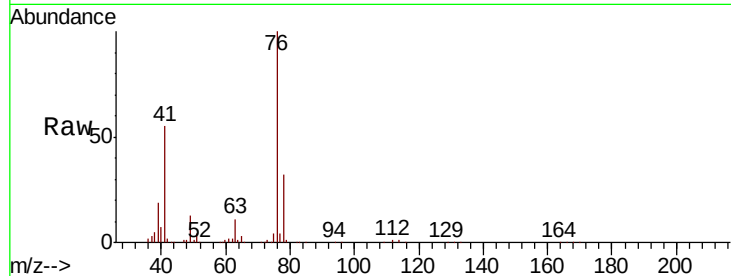




#57
 1,3-Dichloropropane
 Concen: 48.822 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

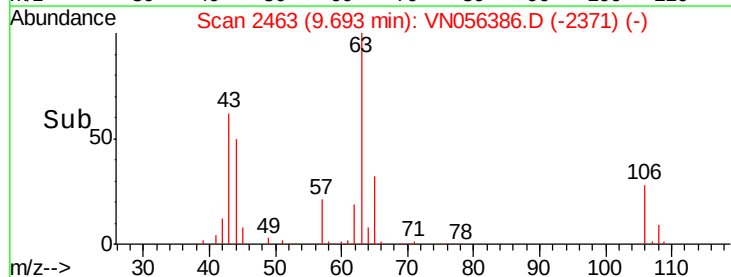
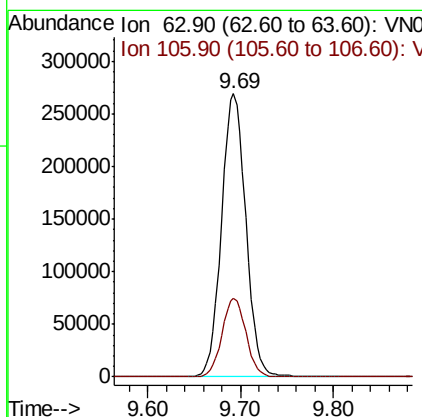
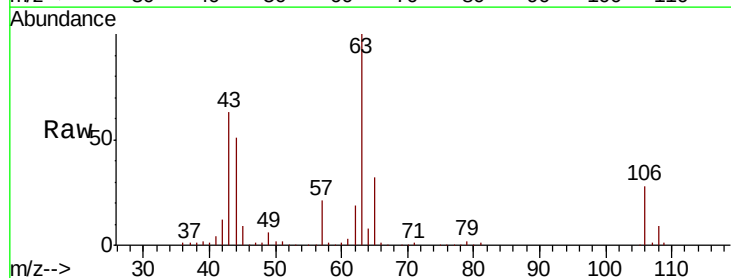
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

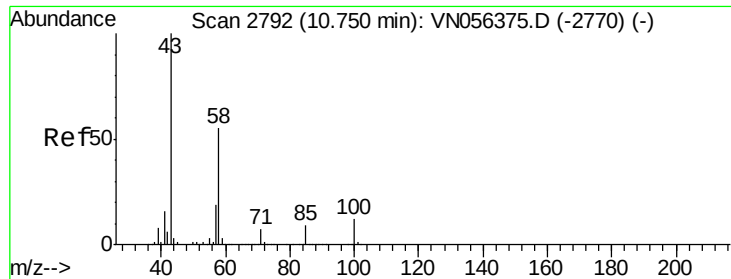
Tot Ion: 76 Resp: 320371
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.075 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion: 63 Resp: 490295
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.6 32.4

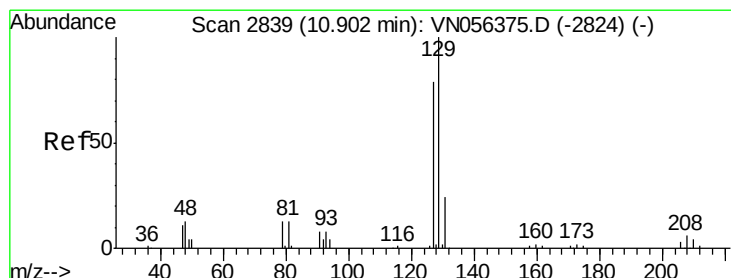
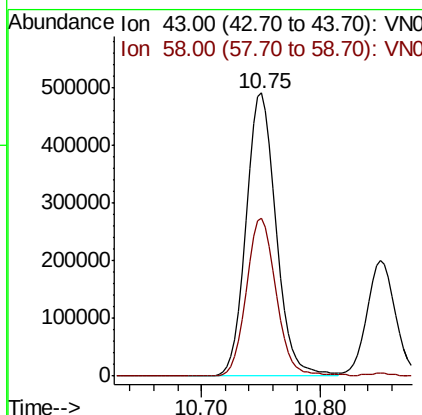
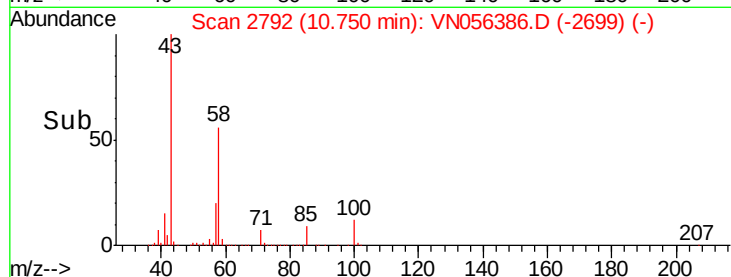
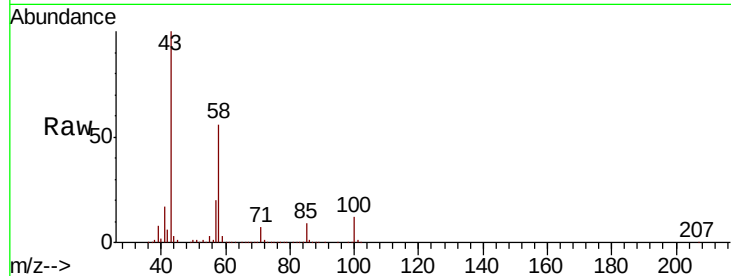




#59
2-Hexanone
Concen: 230.368 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

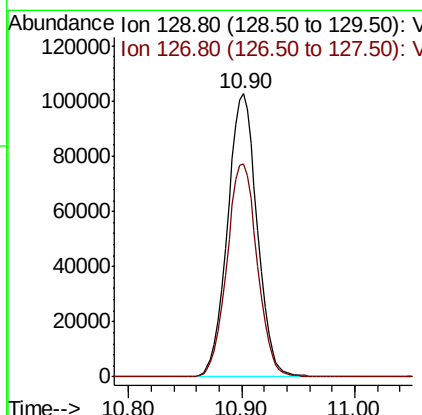
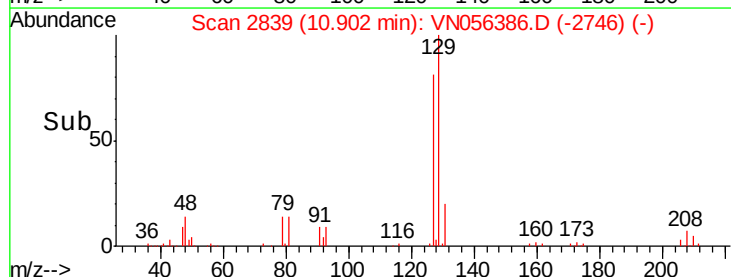
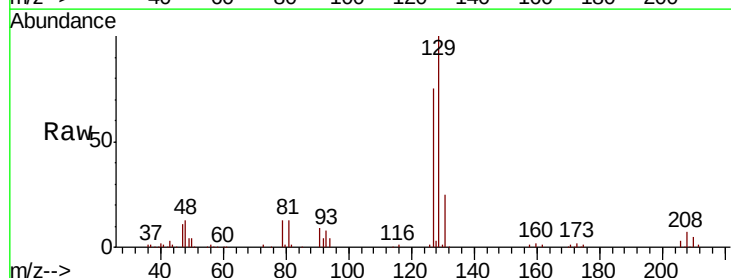
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

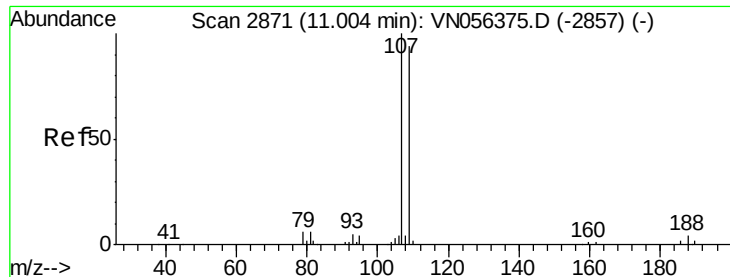
Tot Ion: 43 Resp: 855717
Ion Ratio Lower Upper
43 100
58 55.7 27.8 83.4



#60
Dibromochloromethane
Concen: 46.842 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 129 Resp: 187437
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7

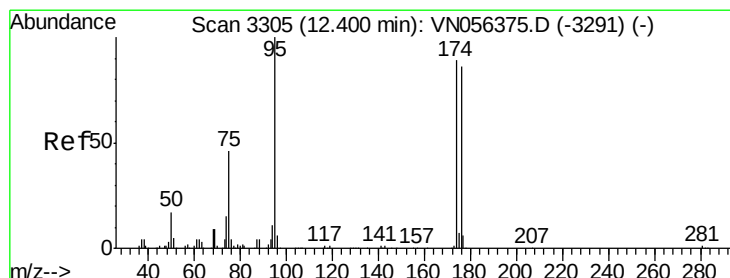
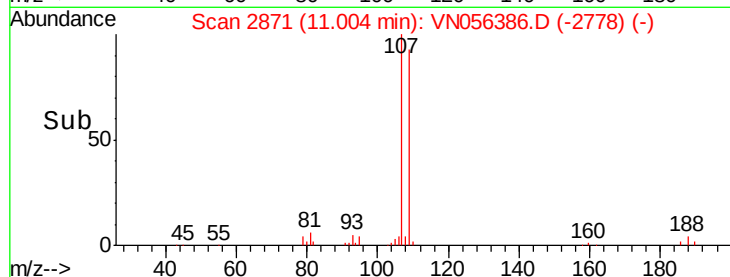
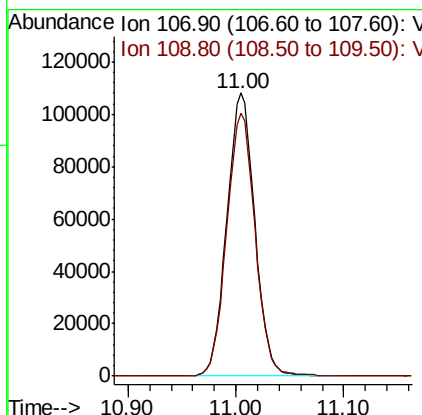
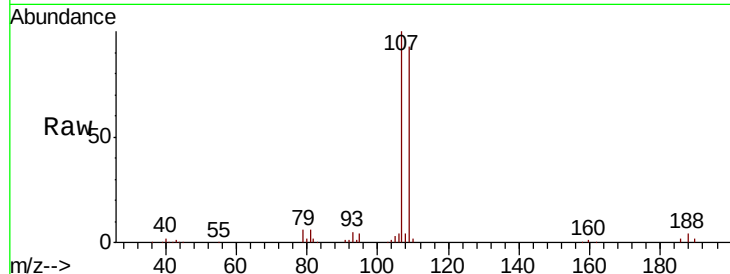




#61
 1,2-Dibromoethane
 Concen: 49.014 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

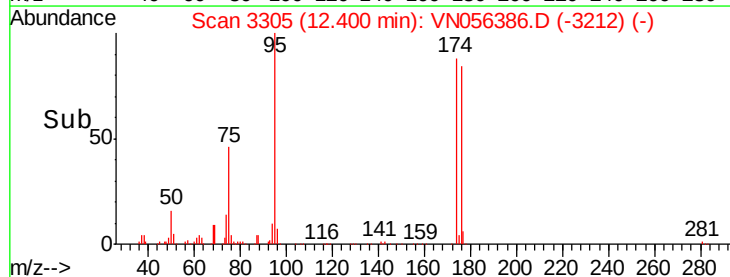
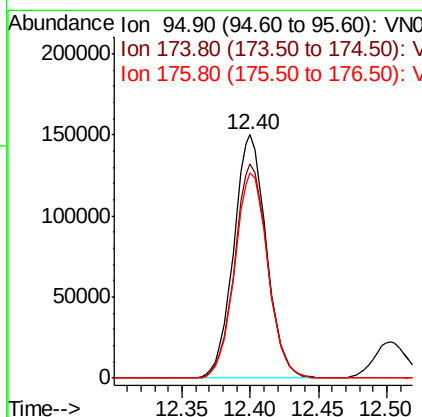
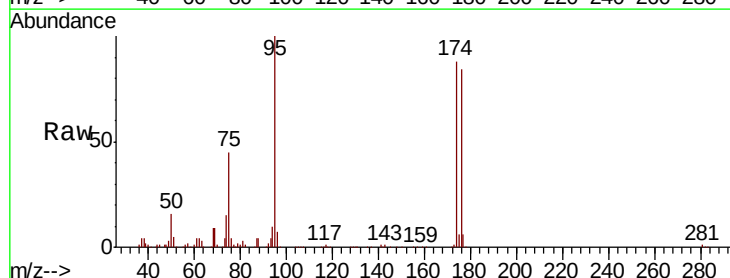
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

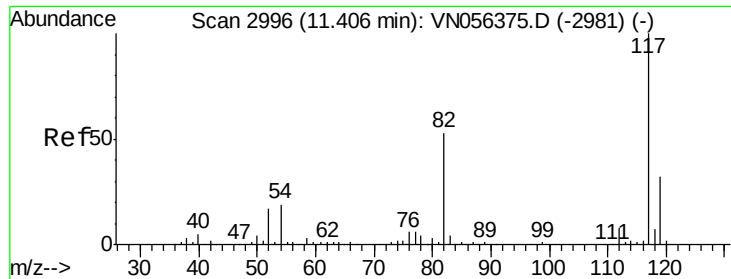
Tot Ion: 107 Resp: 195541
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 52.594 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion: 95 Resp: 249854
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 179.4
 176 85.8 0.0 173.4

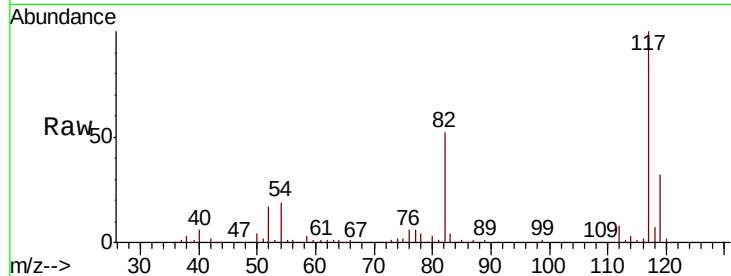




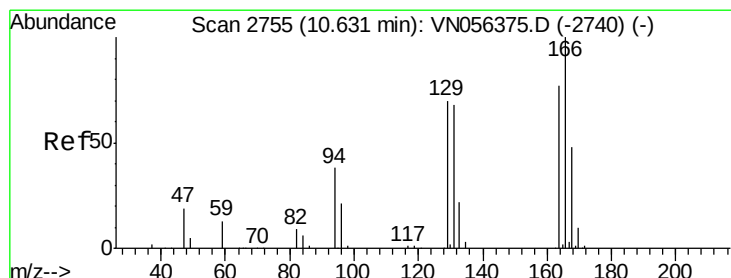
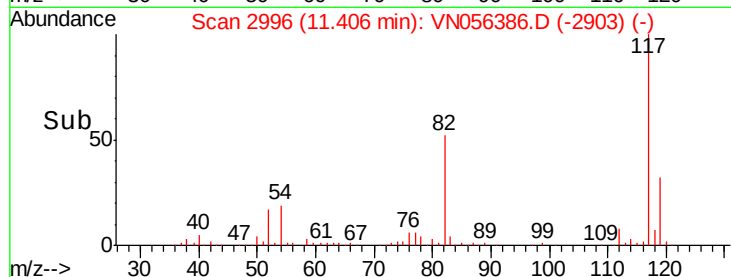
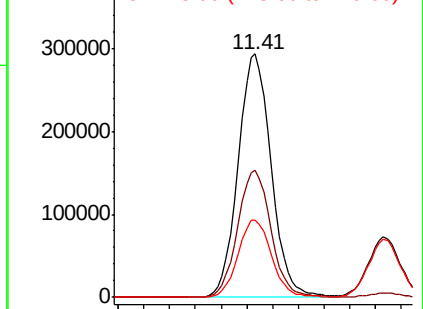
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 524774
Ion Ratio Lower Upper
117 100
82 52.0 42.0 63.0
119 31.7 25.3 37.9

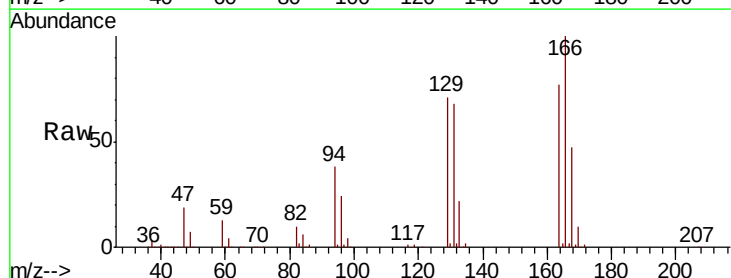


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

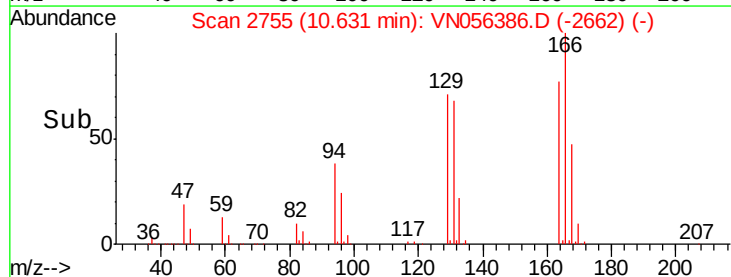
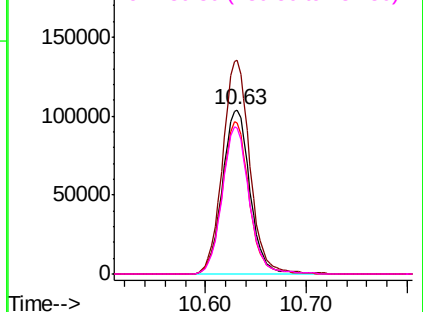


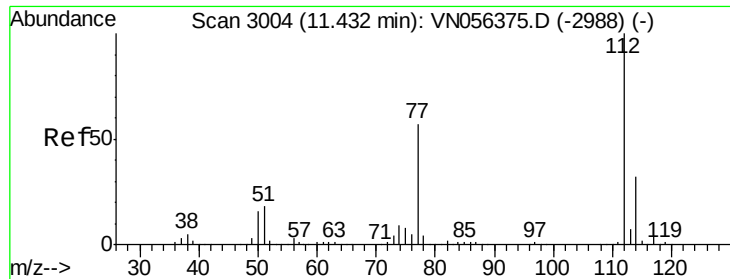
#64
Tetrachloroethene
Concen: 47.643 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion:164 Resp: 197995
Ion Ratio Lower Upper
164 100
166 129.9 103.4 155.0
129 91.8 72.0 108.0
131 88.7 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

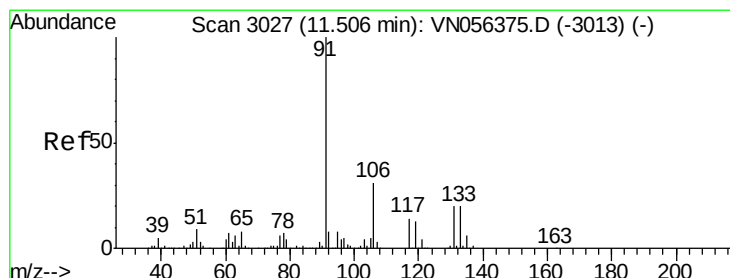
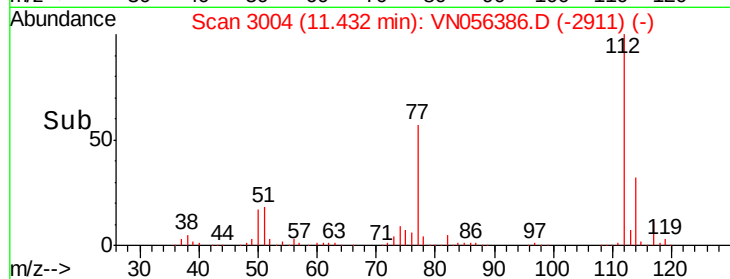
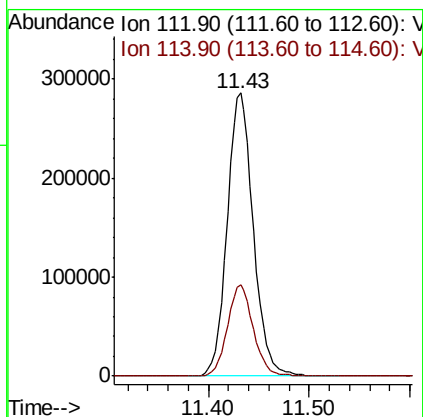
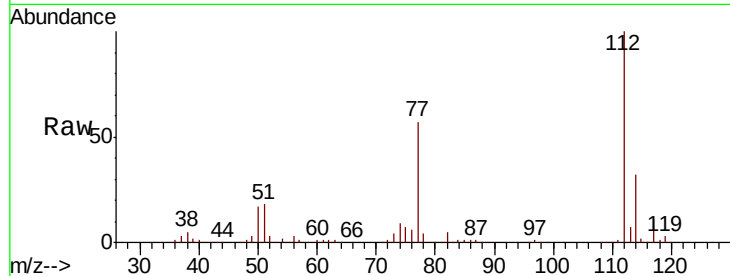




#65
Chlorobenzene
Concen: 48.865 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

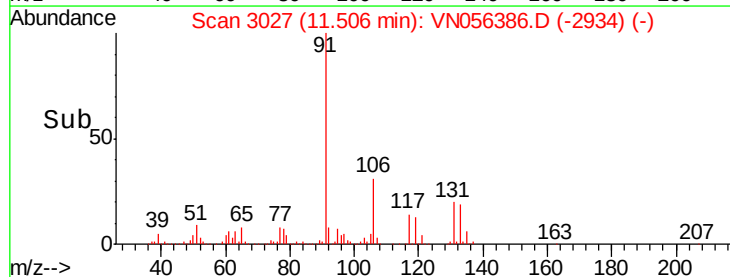
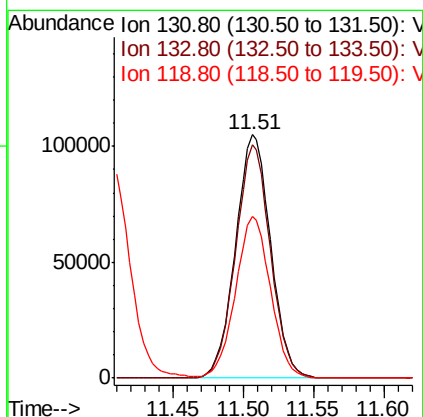
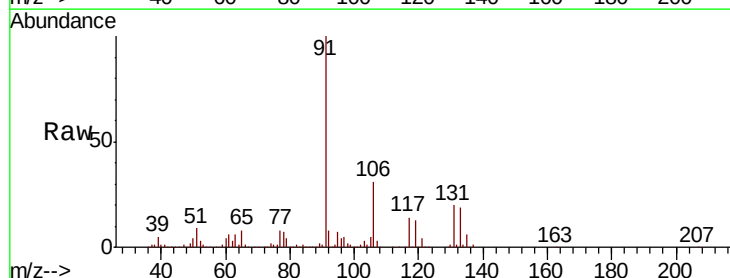
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

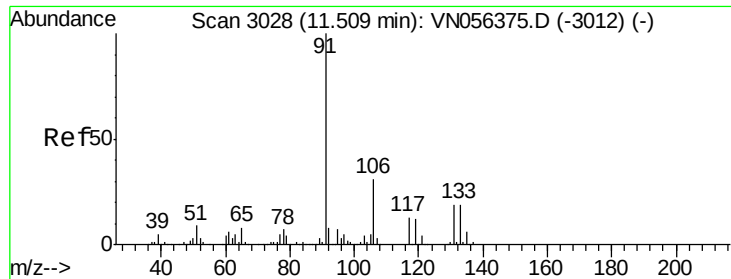
Tot Ion:112 Resp: 515266
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.376 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion:131 Resp: 183096
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 66.3 32.8 98.4

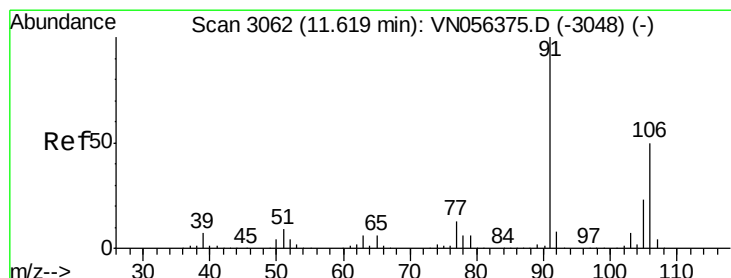
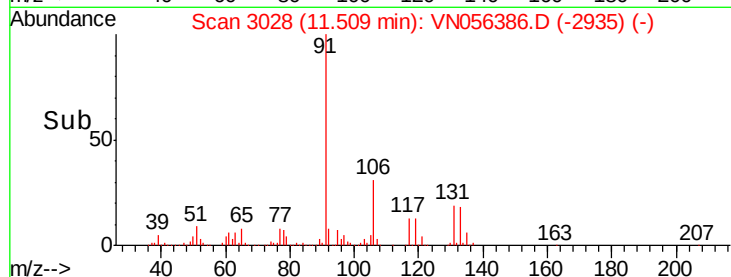
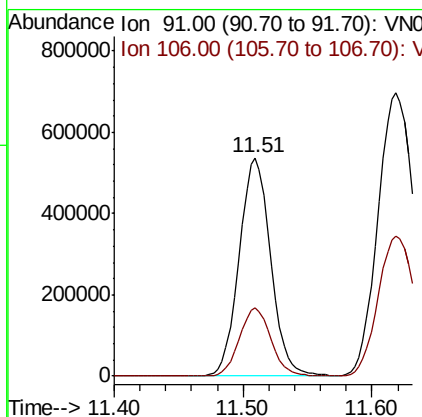
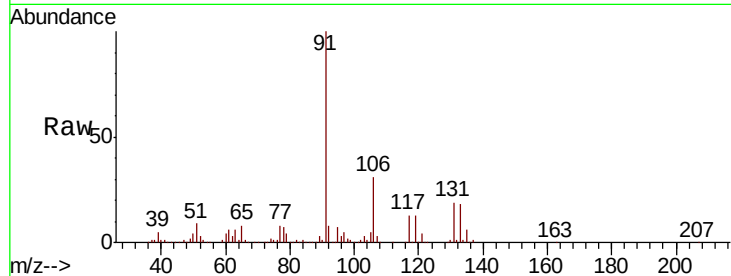




#67
Ethyl Benzene
Concen: 49.414 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

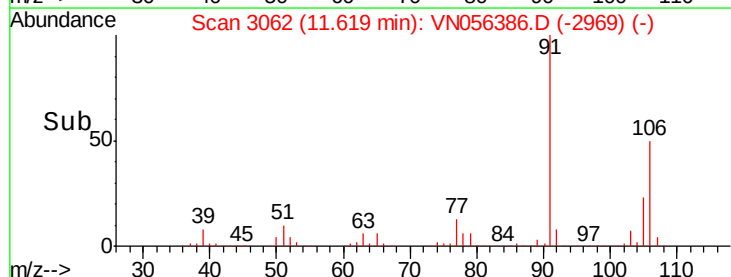
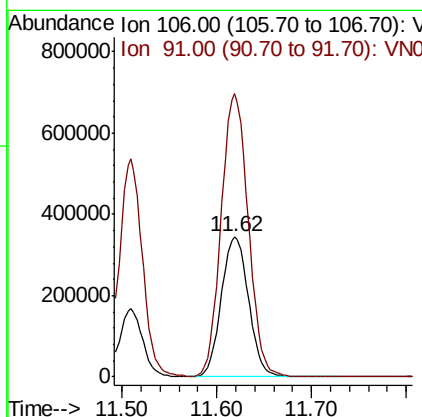
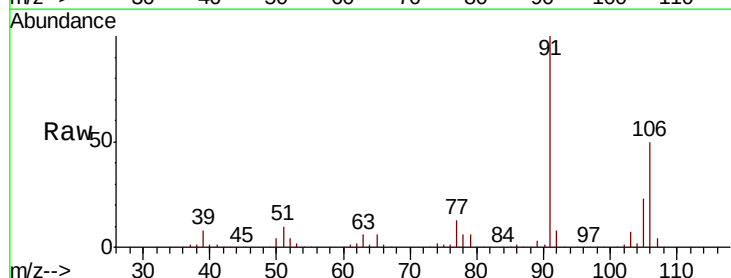
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

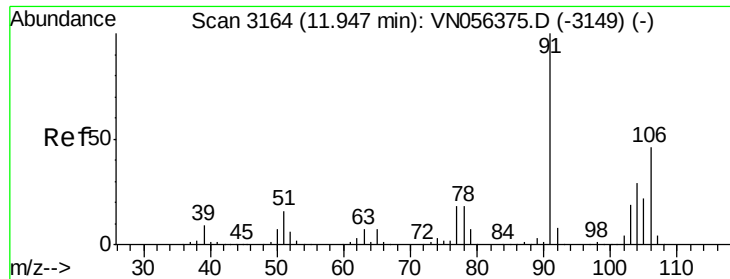
Tot Ion: 91 Resp: 914894
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 101.842 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion: 106 Resp: 691026
Ion Ratio Lower Upper
106 100
91 200.3 160.1 240.1

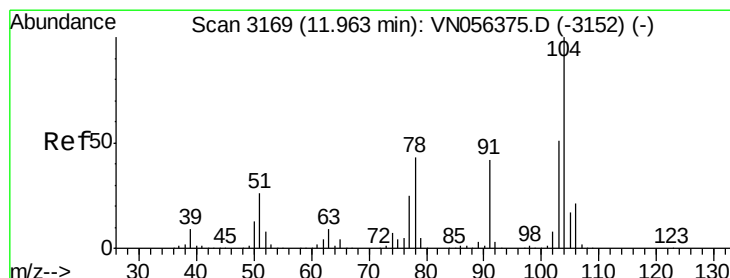
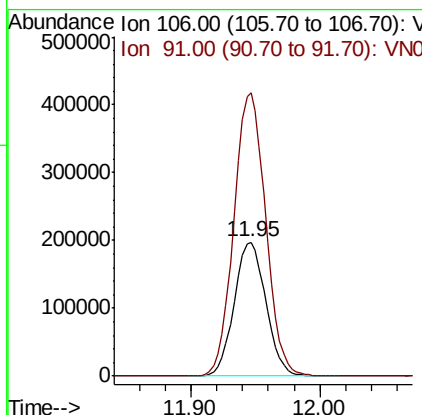
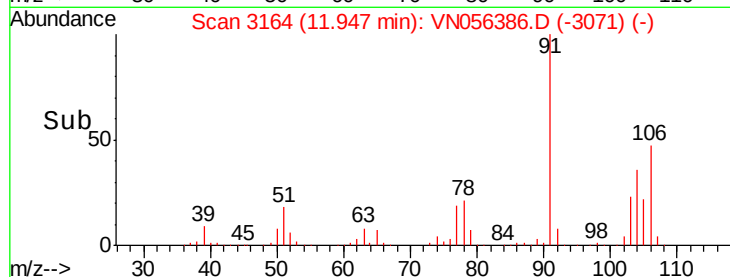
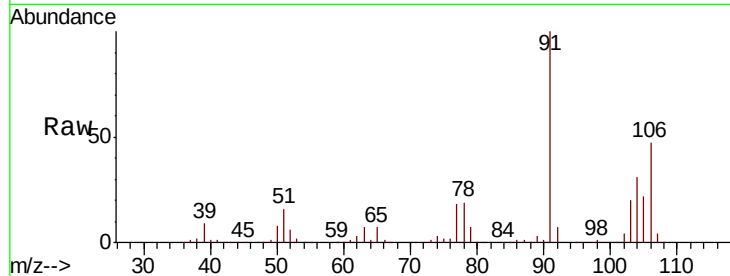




#69
o-Xylene
Concen: 50.257 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

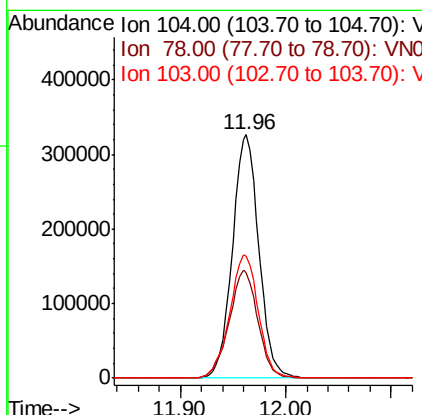
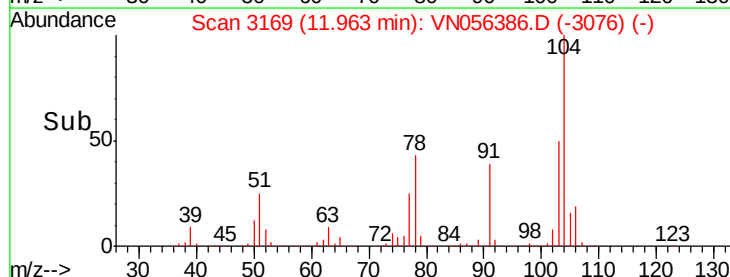
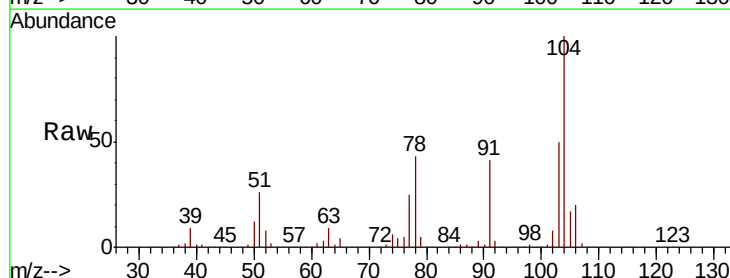
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

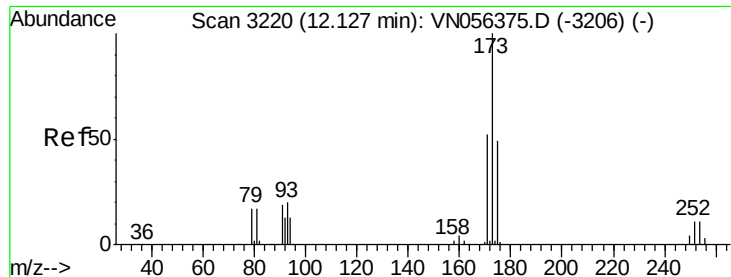
Tot Ion:106 Resp: 337372
Ion Ratio Lower Upper
106 100
91 212.3 107.1 321.3



#70
Styrene
Concen: 52.593 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056386.D
Acq: 19 Jun 2019 15:21

Tgt Ion:104 Resp: 564329
Ion Ratio Lower Upper
104 100
78 48.1 38.6 57.8
103 55.0 43.9 65.9





#71

Bromoform

Concen: 45.692 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

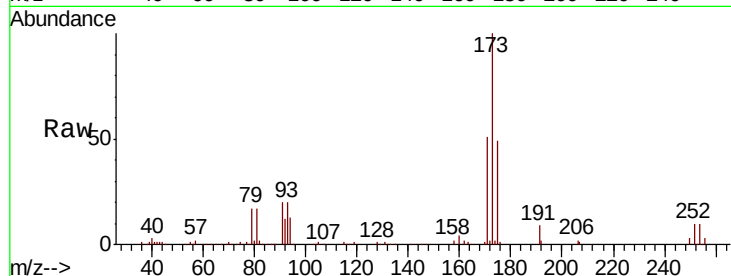
Tot Ion:173 Resp: 130536

Ion Ratio Lower Upper

173 100

175 49.1 24.4 73.4

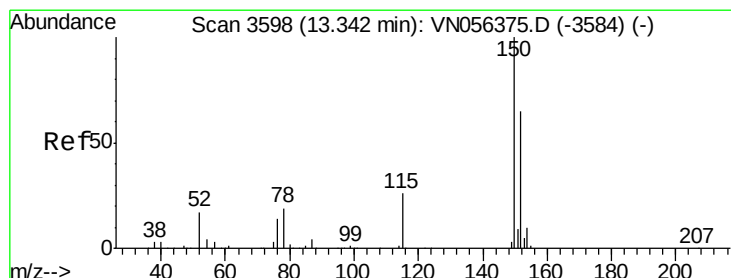
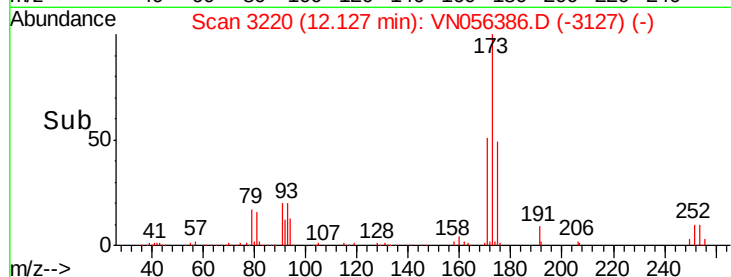
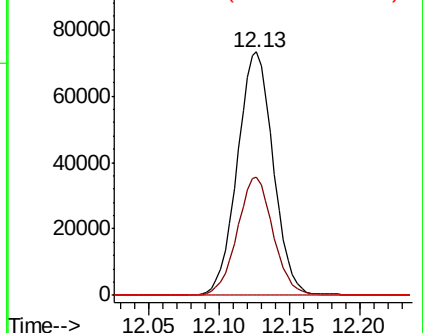
254 0.0 0.0 0.0#



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: VN056386.D

Acq: 19 Jun 2019 15:21

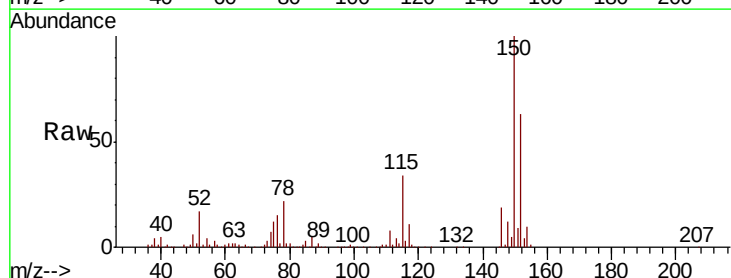
Tgt Ion:152 Resp: 237019

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.4

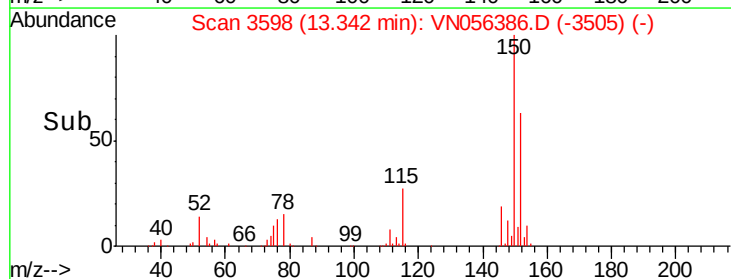
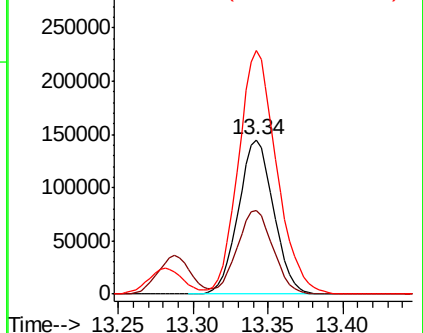
150 171.3 0.0 348.4

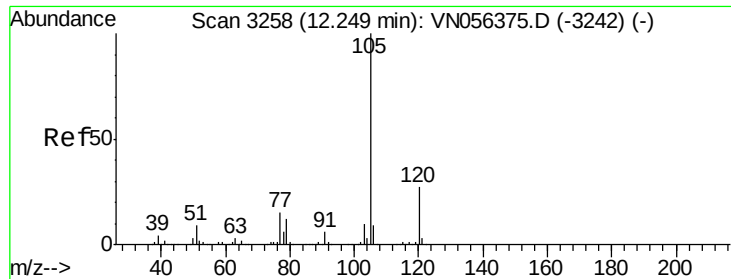


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.987 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

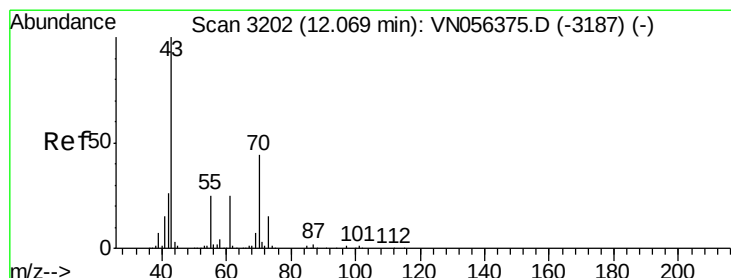
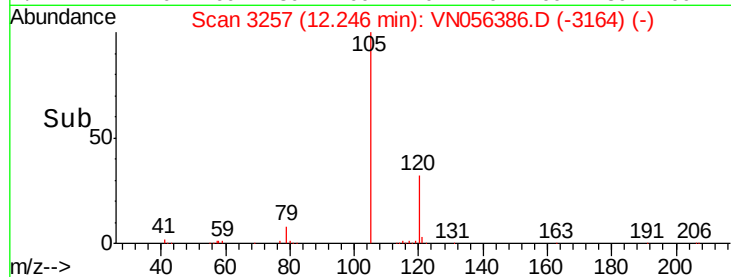
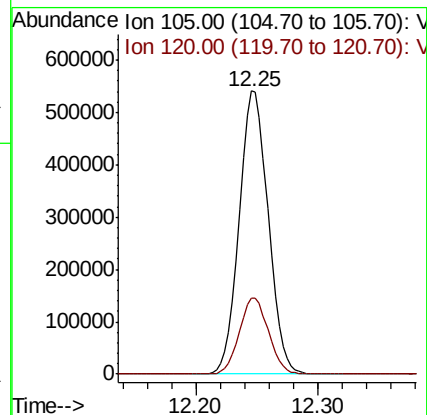
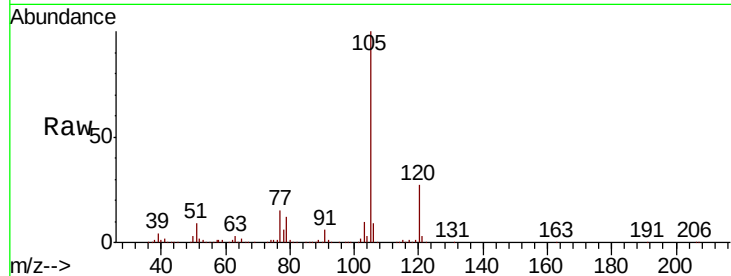
VSTDCCC050EC

Tot Ion:105 Resp: 889900

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 42.613 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Tgt Ion: 43 Resp: 321444

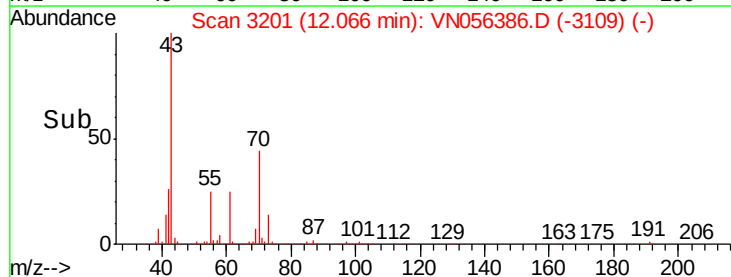
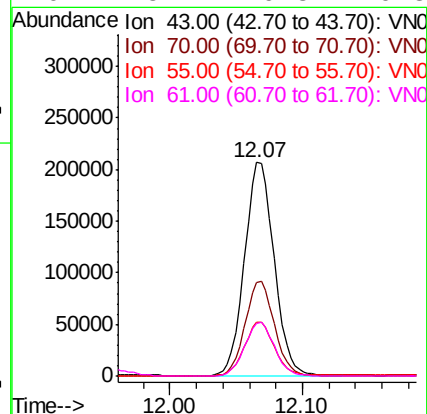
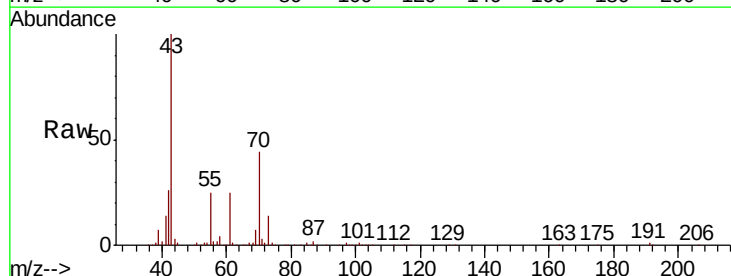
Ion Ratio Lower Upper

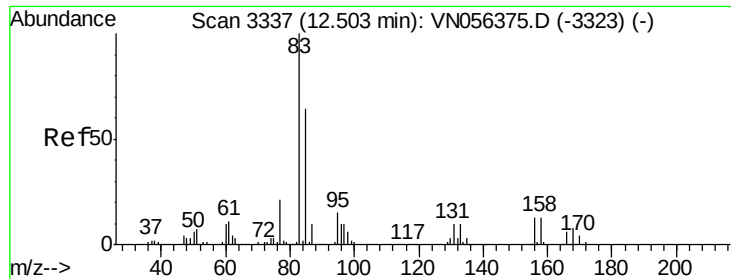
43 100

70 44.1 34.9 52.3

55 26.1 20.4 30.6

61 25.2 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.812 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

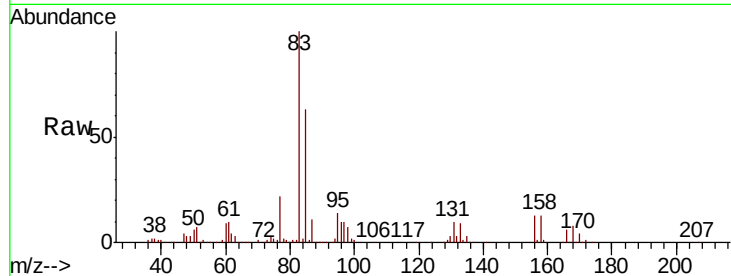
Tot Ion: 83 Resp: 269420

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

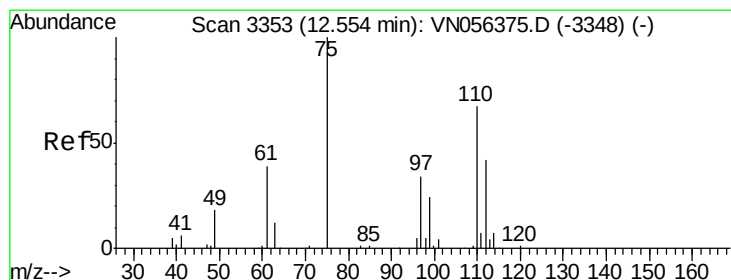
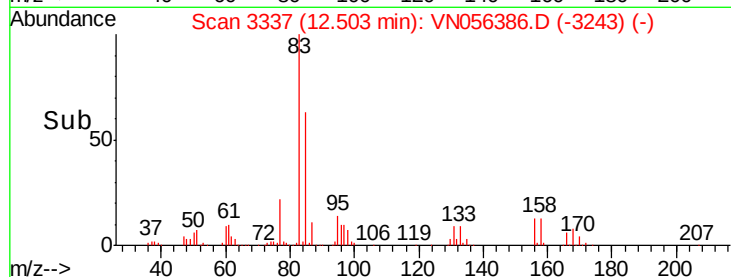
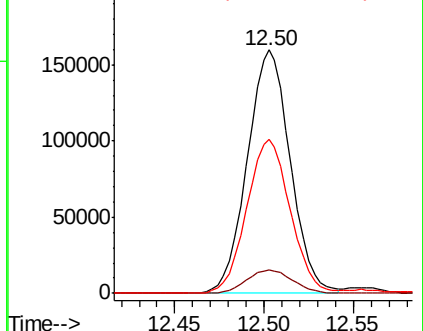
85 63.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 62.593 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056386.D

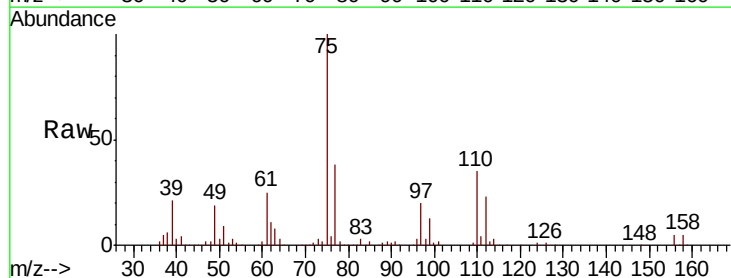
Acq: 19 Jun 2019 15:21

Tgt Ion: 75 Resp: 307620

Ion Ratio Lower Upper

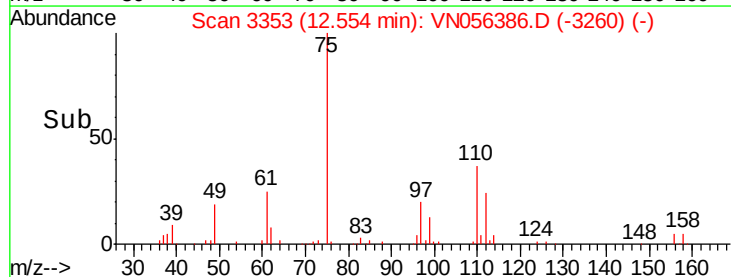
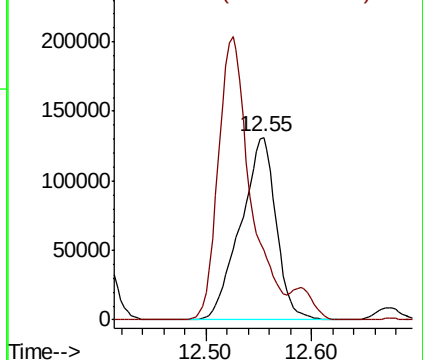
75 100

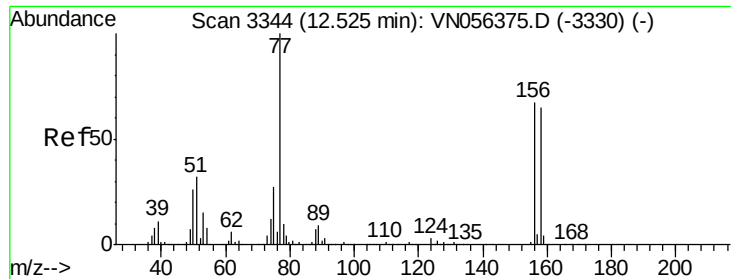
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 43.662 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

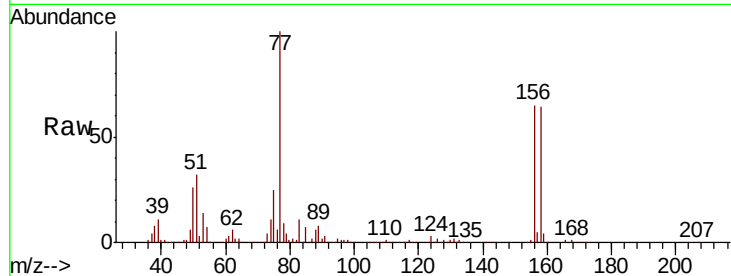
Tot Ion:156 Resp: 231395

Ion Ratio Lower Upper

156 100

77 186.5 92.5 277.3

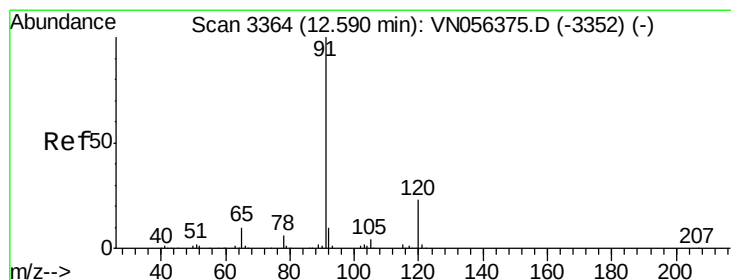
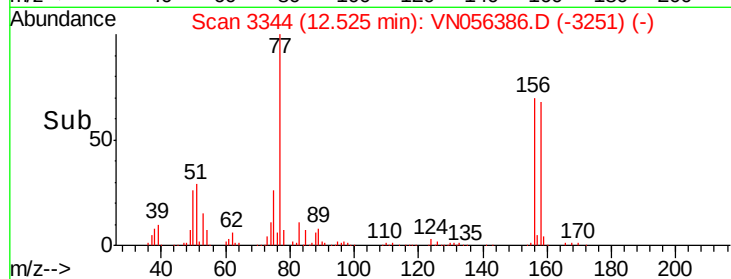
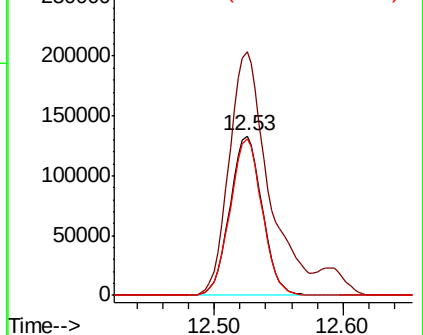
158 97.4 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.118 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056386.D

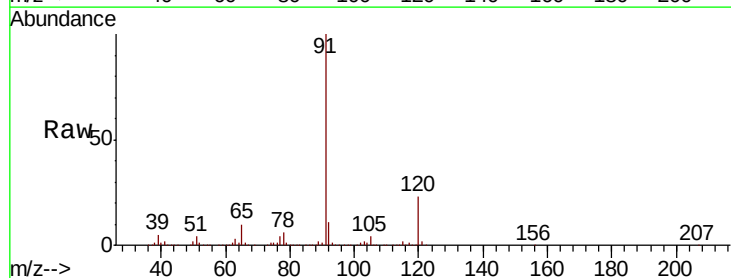
Acq: 19 Jun 2019 15:21

Tgt Ion: 91 Resp: 1001002

Ion Ratio Lower Upper

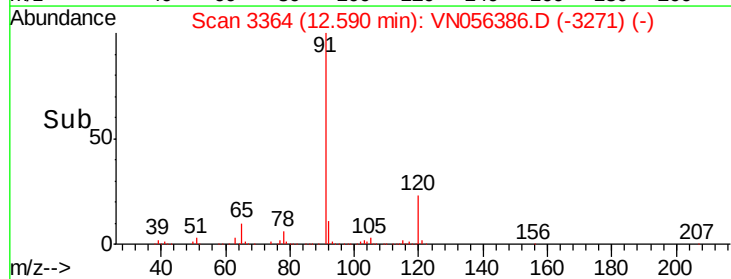
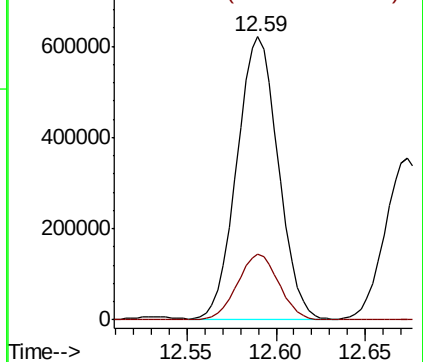
91 100

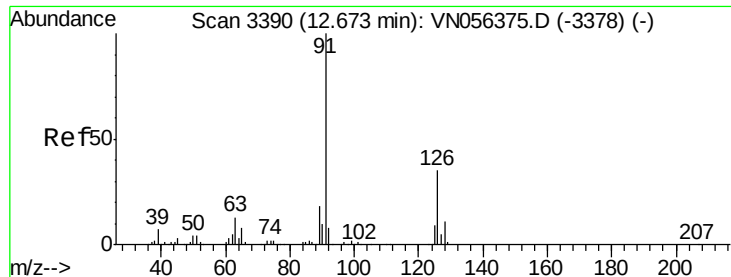
120 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.983 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

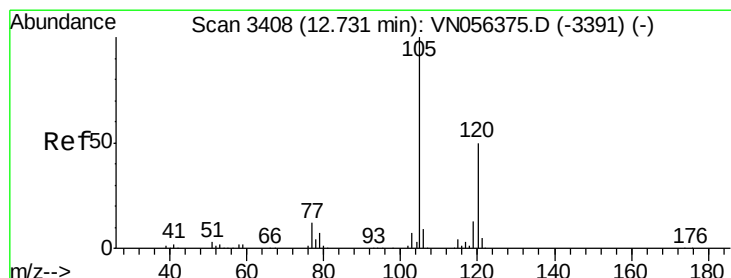
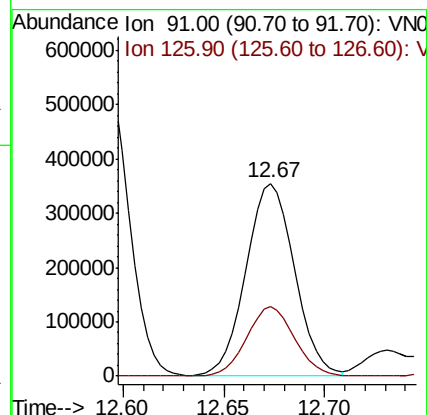
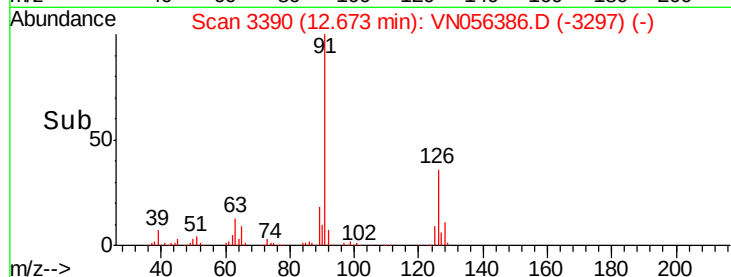
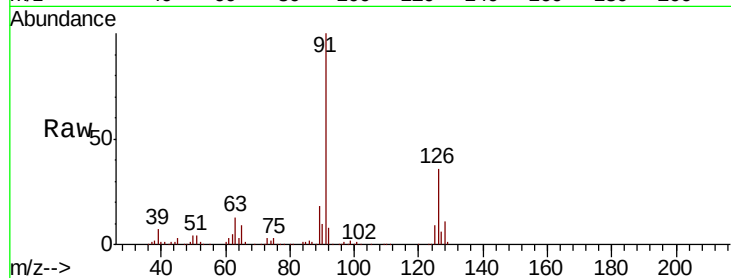
VSTDCCC050EC

Tot Ion: 91 Resp: 594897

Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 50.098 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056386.D

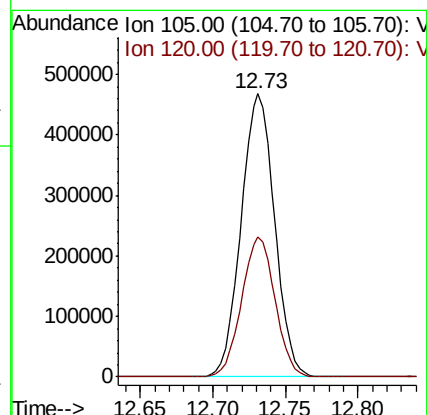
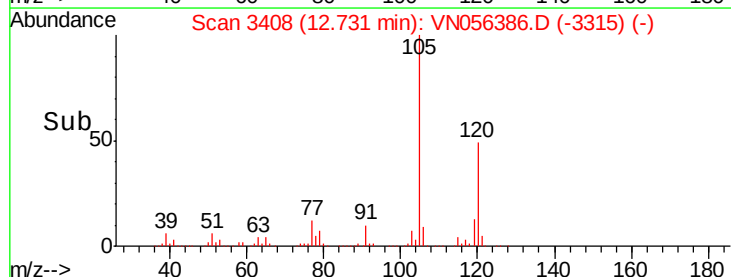
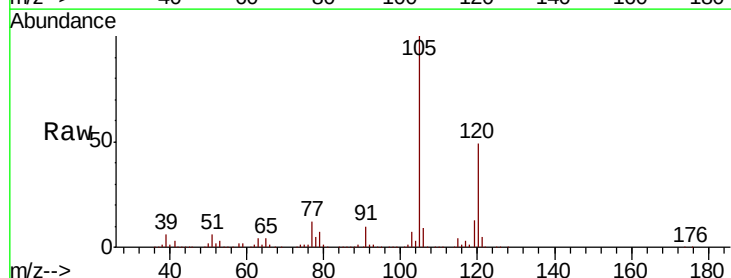
Acq: 19 Jun 2019 15:21

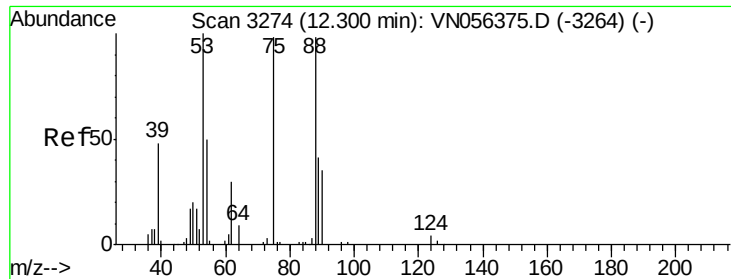
Tgt Ion: 105 Resp: 747230

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.372 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

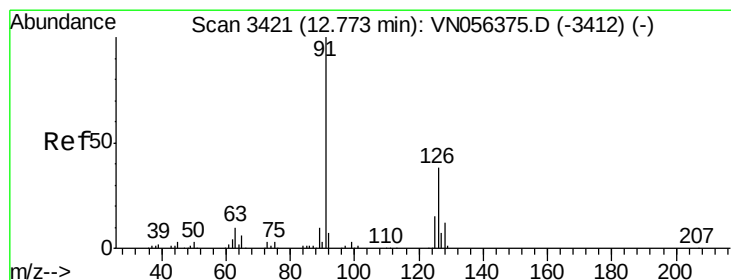
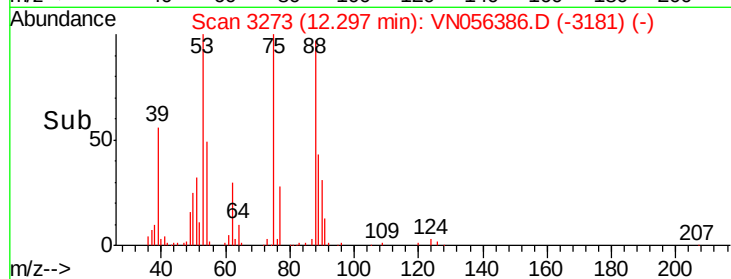
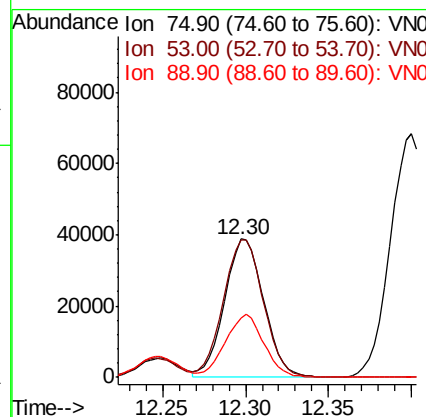
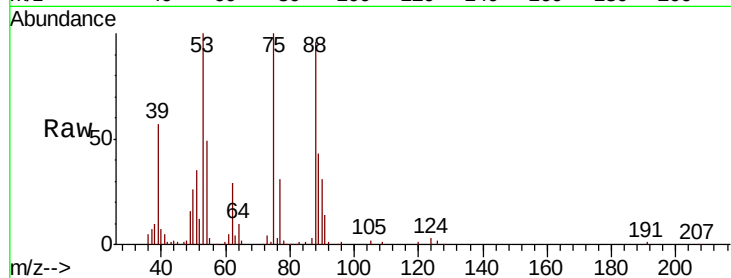
Tot Ion: 75 Resp: 64123

Ion Ratio Lower Upper

75 100

53 100.6 83.9 125.9

89 44.4 35.0 52.6



#82

4-Chlorotoluene

Concen: 45.636 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056386.D

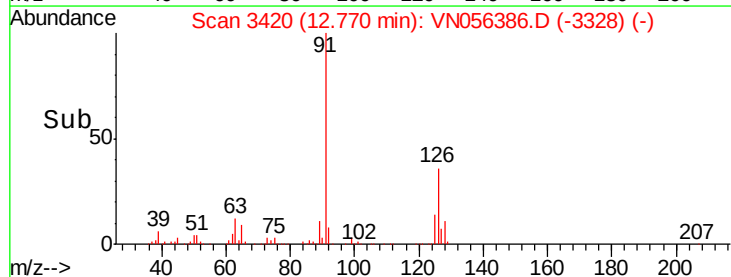
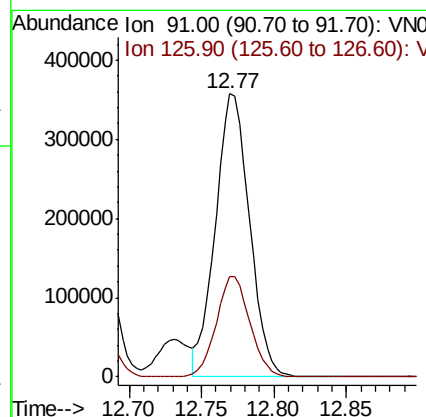
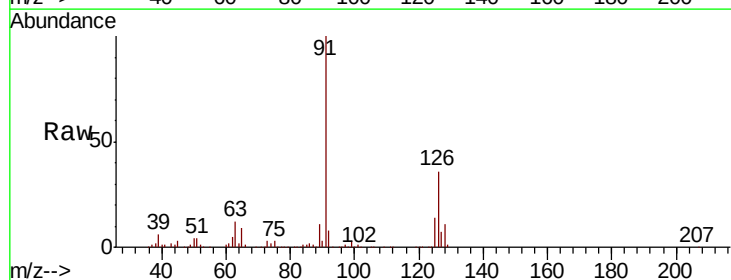
Acq: 19 Jun 2019 15:21

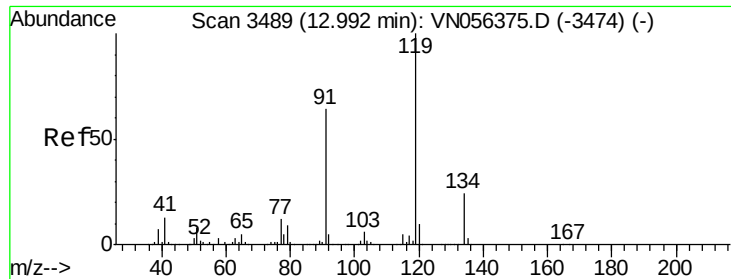
Tgt Ion: 91 Resp: 584857

Ion Ratio Lower Upper

91 100

126 35.1 17.3 52.0

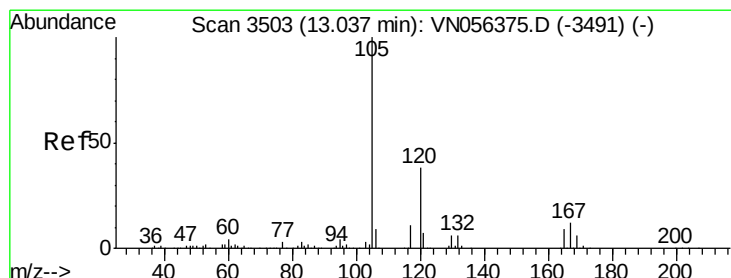
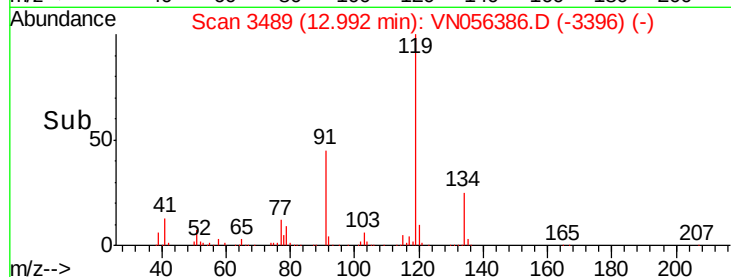
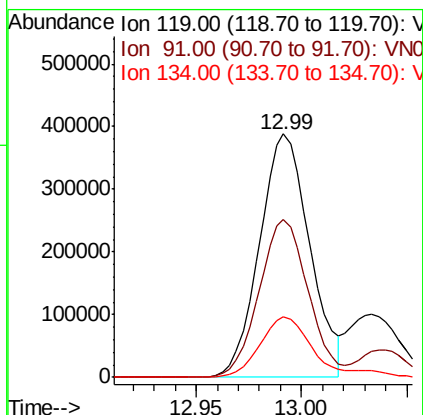
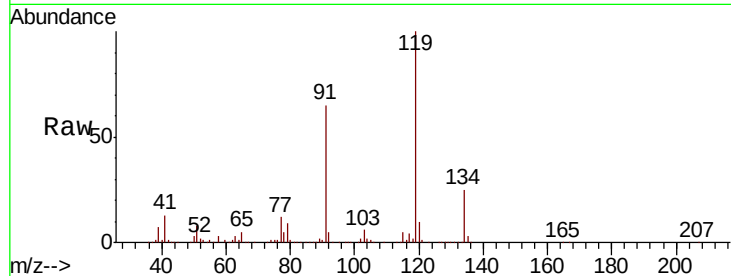




#83
 tert-Butylbenzene
 Concen: 49.523 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

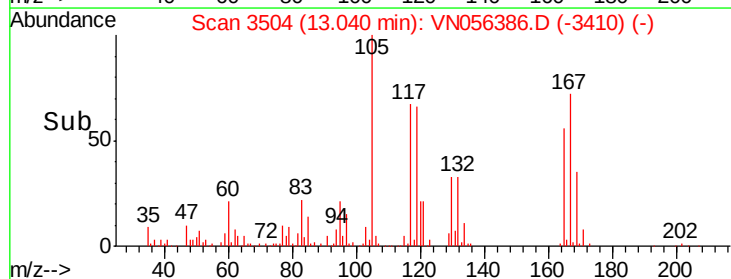
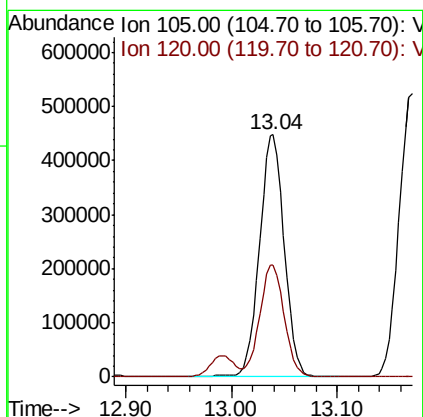
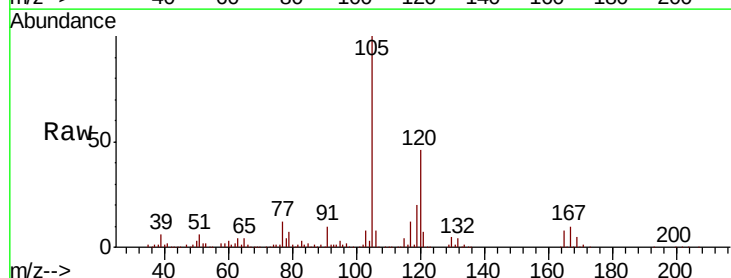
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

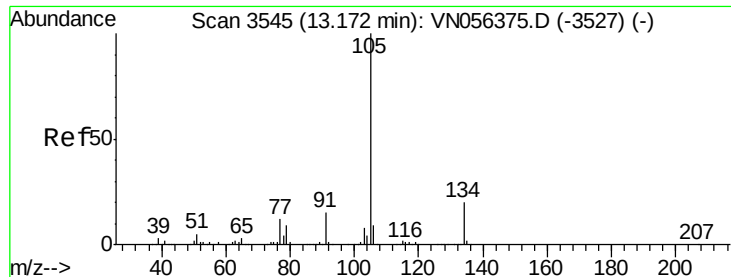
Tot Ion:119 Resp: 644034
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.6 94.7
 134 25.0 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 45.899 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion:105 Resp: 732370
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.8

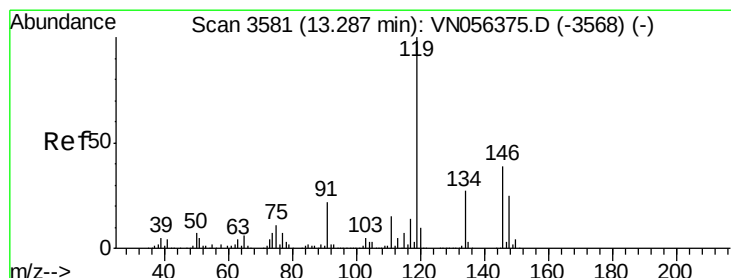
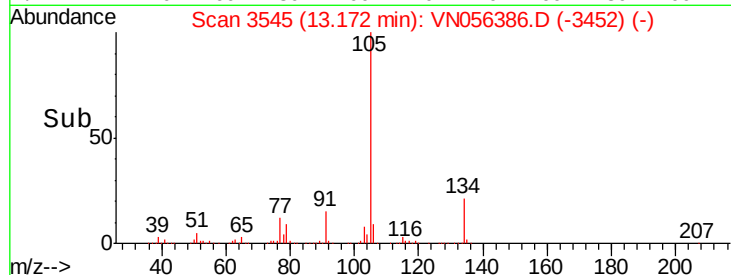
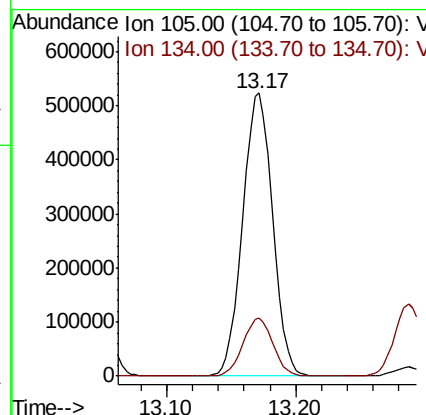
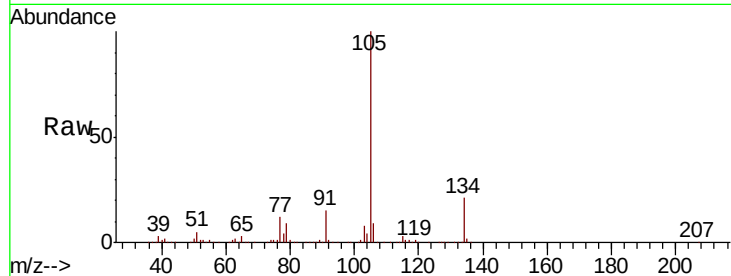




#85
 sec-Butylbenzene
 Concen: 44.304 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

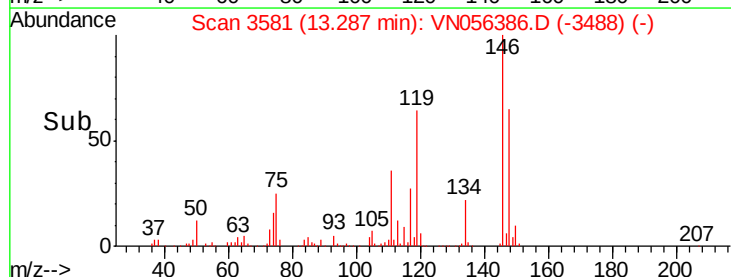
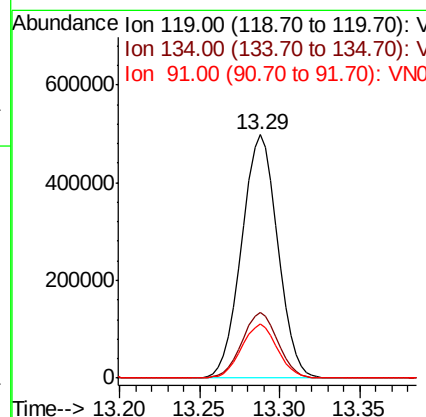
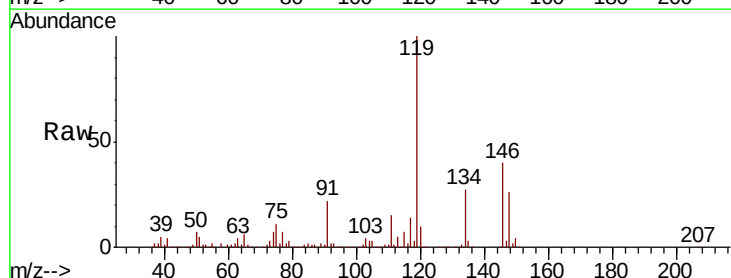
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

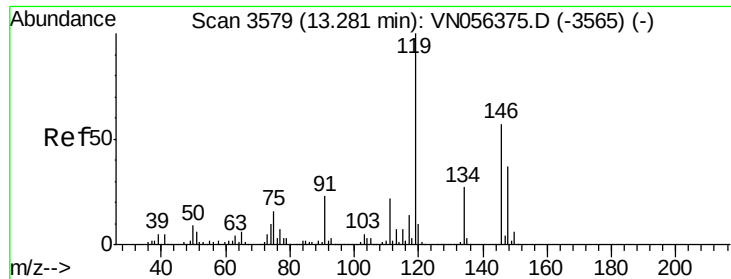
Tot Ion:105 Resp: 845223
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 46.612 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion:119 Resp: 763155
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.9 11.2 33.5

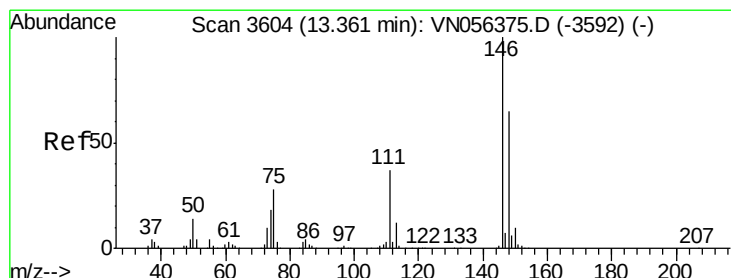
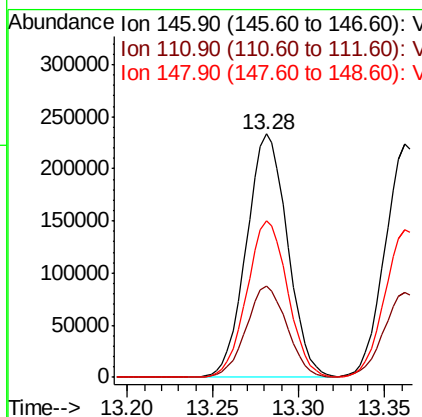
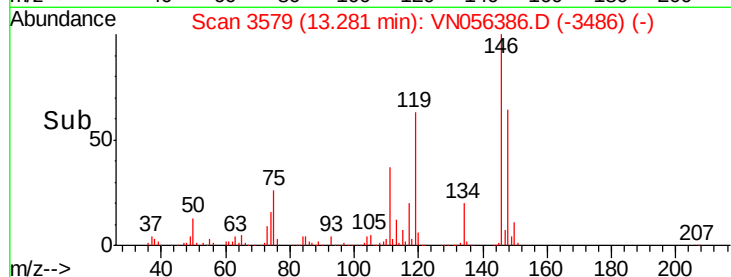
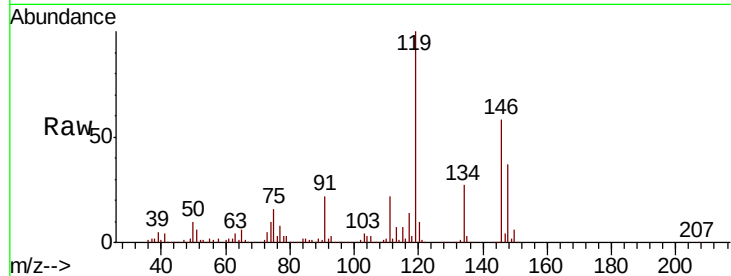




#87
 1,3-Dichlorobenzene
 Concen: 48.111 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

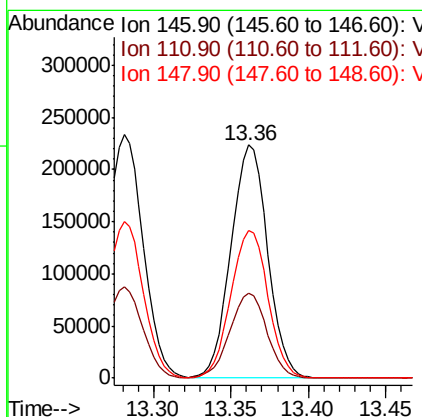
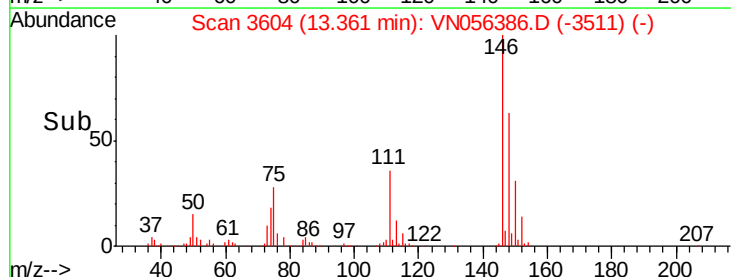
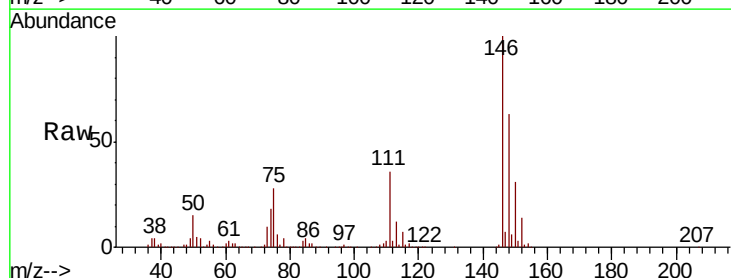
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

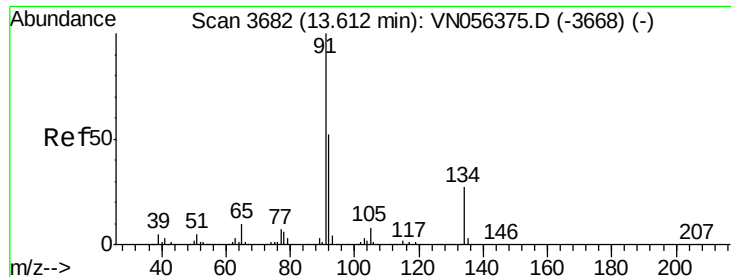
Tot Ion:146 Resp: 386408
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.9
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.307 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion:146 Resp: 367956
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.4
 148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 48.699 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

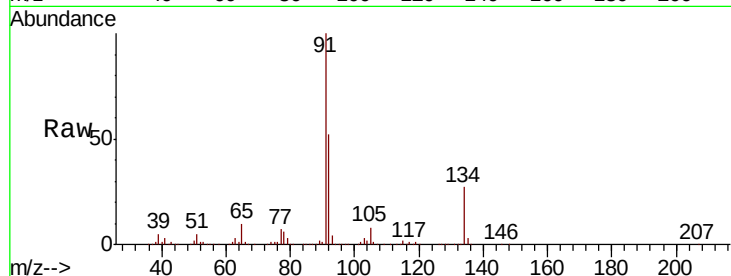
Tot Ion: 91 Resp: 603596

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.5

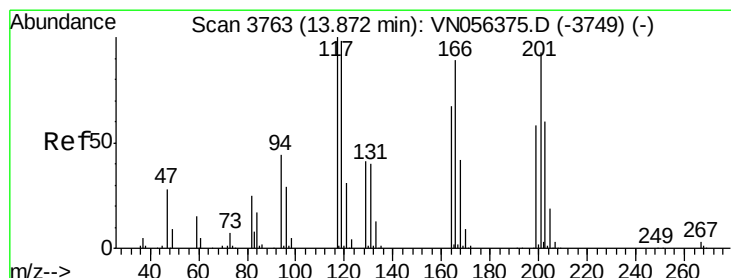
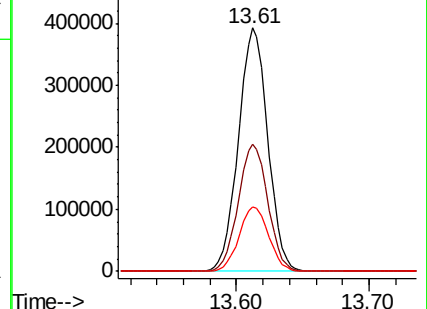
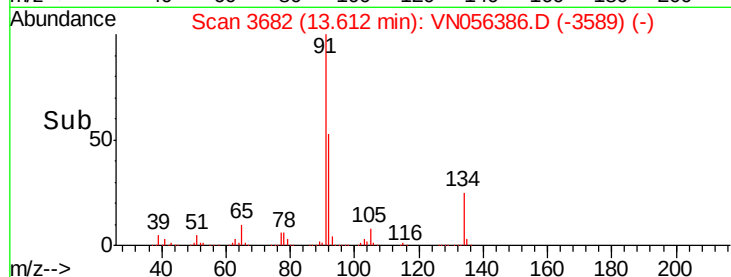
134 26.6 13.4 40.2



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) (-)



#90

Hexachloroethane

Concen: 45.092 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056386.D

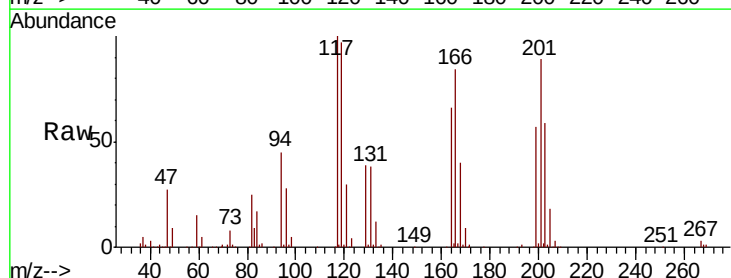
Acq: 19 Jun 2019 15:21

Tgt Ion: 117 Resp: 115098

Ion Ratio Lower Upper

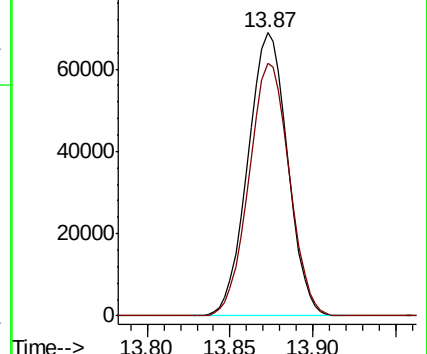
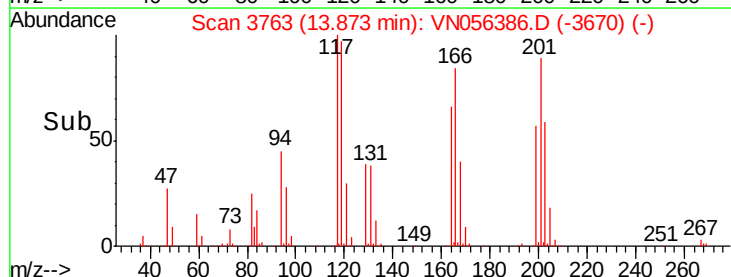
117 100

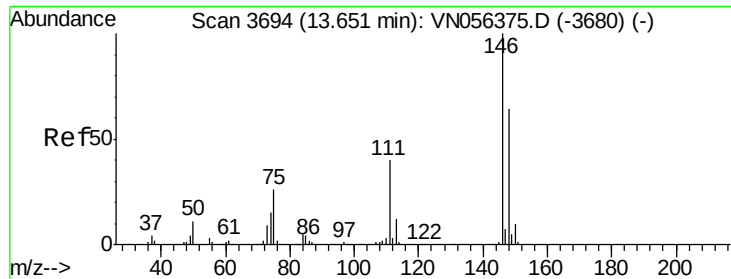
201 90.6 45.9 137.6



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

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

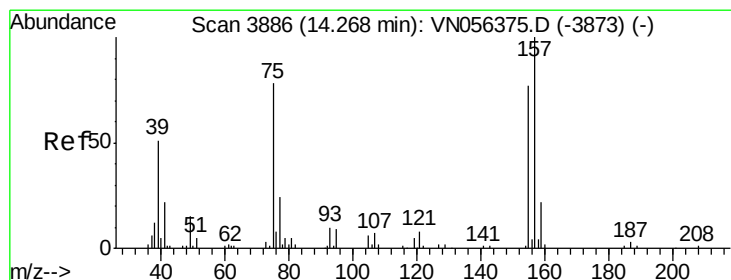
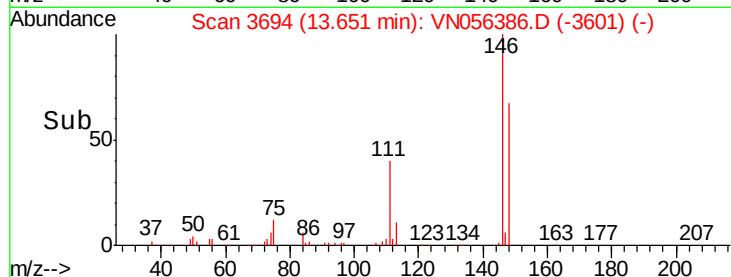
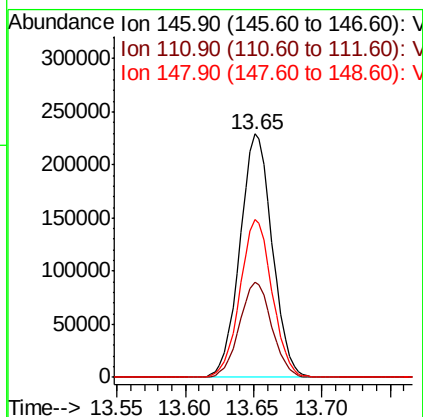
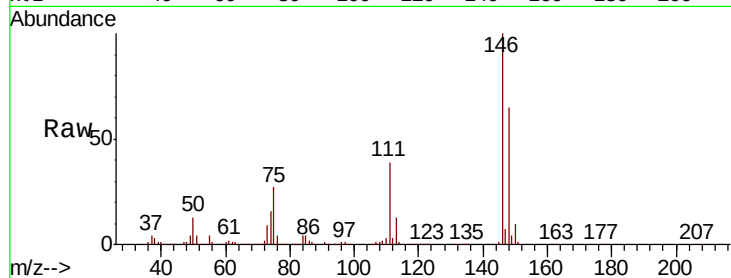




#91
 1,2-Dichlorobenzene
 Concen: 47.169 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

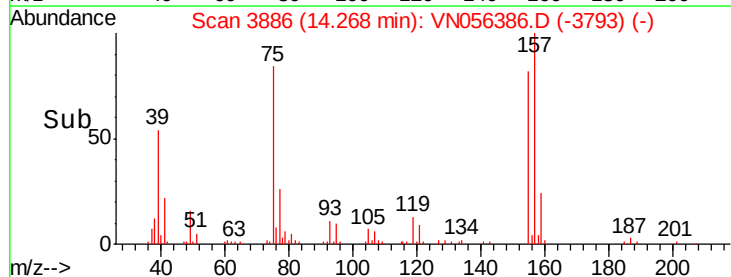
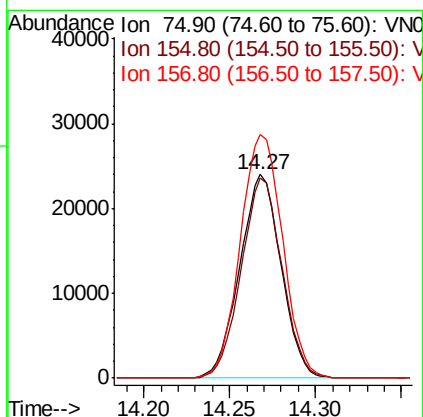
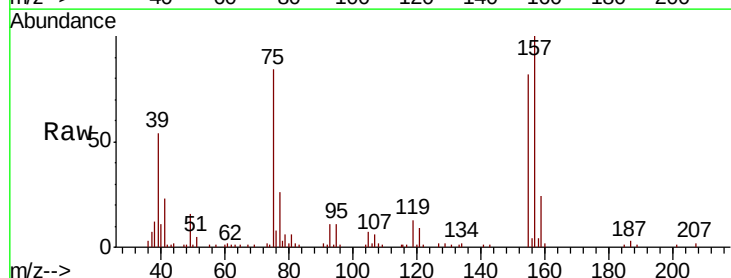
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

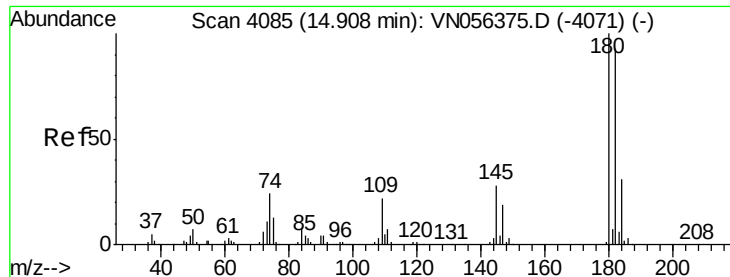
Tot Ion:146 Resp: 375869
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.3 57.9
 148 64.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.572 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion: 75 Resp: 39967
 Ion Ratio Lower Upper
 75 100
 155 96.7 48.9 146.8
 157 122.5 62.9 188.8

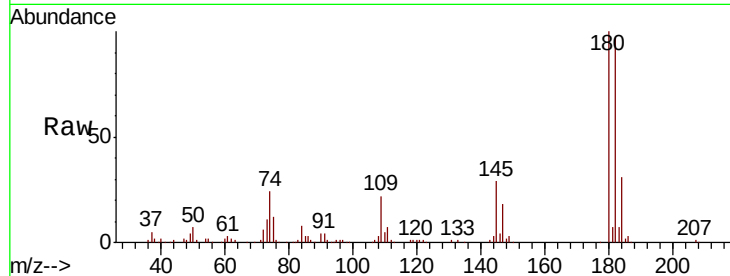




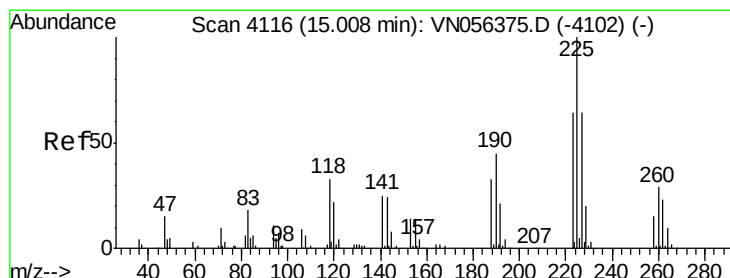
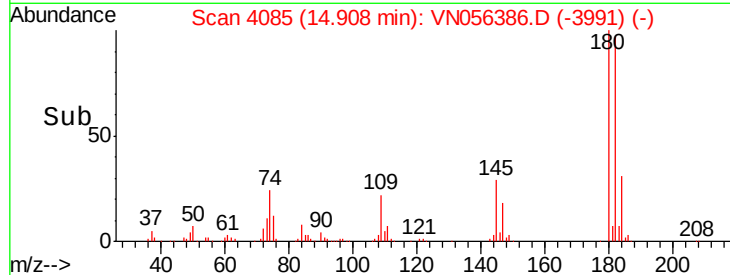
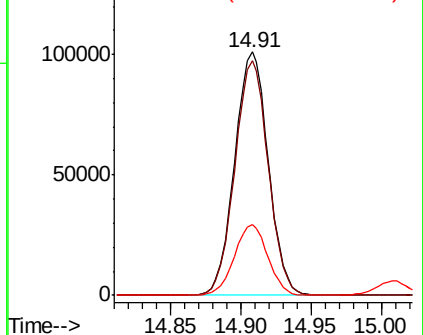
#93
 1,2,4-Trichlorobenzene
 Concen: 41.663 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 168512
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.9 140.6
 145 29.0 14.4 43.0

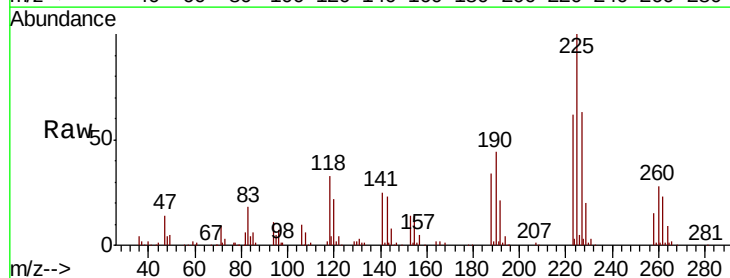


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

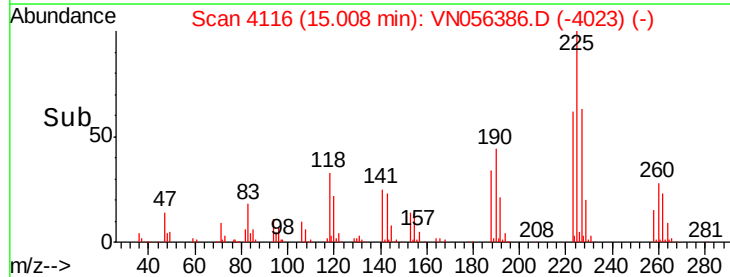
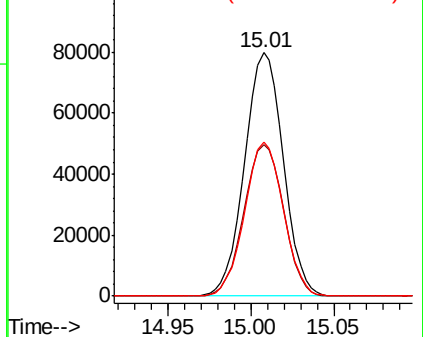


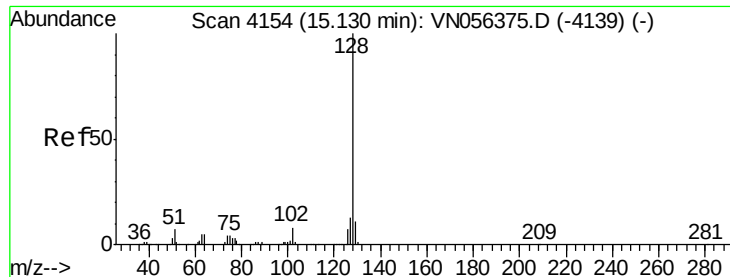
#94
 Hexachlorobutadiene
 Concen: 48.174 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056386.D
 Acq: 19 Jun 2019 15:21

Tgt Ion:225 Resp: 130276
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.4 94.3
 227 63.2 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: 39.869 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

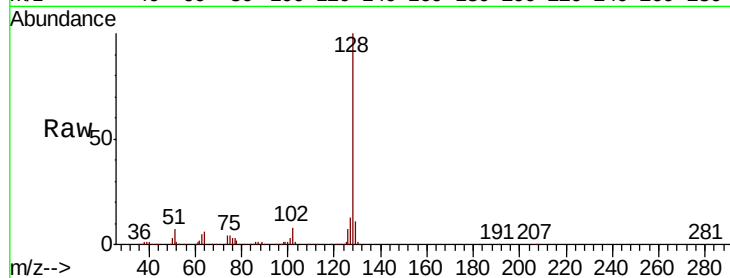
Tot Ion:128 Resp: 419505

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

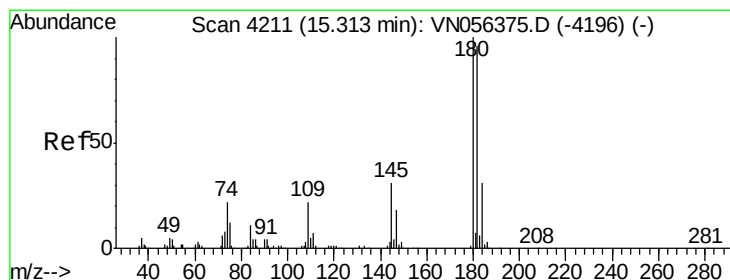
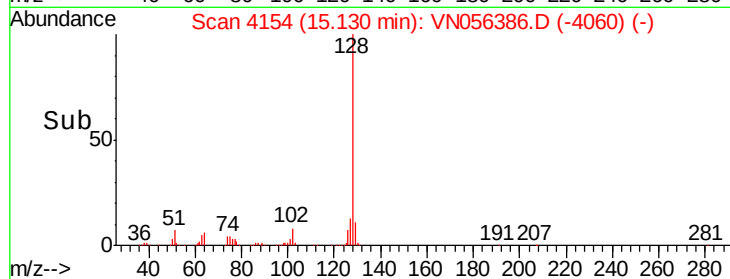
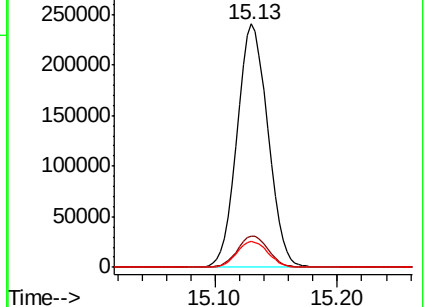
129 10.7 8.6 12.8



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: 41.793 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056386.D

Acq: 19 Jun 2019 15:21

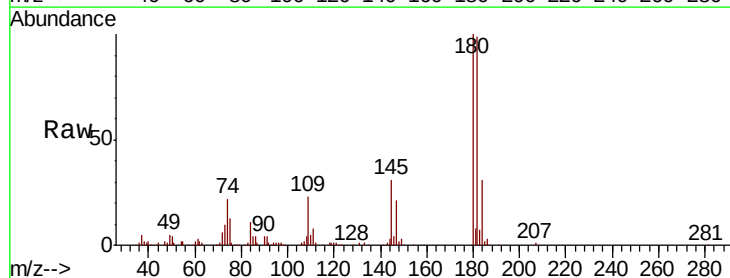
Tgt Ion:180 Resp: 176225

Ion Ratio Lower Upper

180 100

182 97.1 48.3 144.8

145 31.2 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

