

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
 Data File : VN058402.D
 Acq On : 27 Sep 2019 12:17
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 27 23:06:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 27 23:01:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	481349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	814880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	727369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	348098	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	355501	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.57	113	255757	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.08	98	1006943	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.40	95	361505	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	266940	62.928	ug/l	100
3) Chloromethane	2.04	50	279599	67.716	ug/l	100
4) Vinyl Chloride	2.17	62	280616	66.469	ug/l	100
5) Bromomethane	2.53	94	150056	69.615	ug/l	100
6) Chloroethane	2.67	64	168890	61.746	ug/l	100
7) Trichlorofluoromethane	3.00	101	346136	60.105	ug/l	100
8) Diethyl Ether	3.39	74	149950	57.959	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	235469	57.565	ug/l	100
10) Methyl Iodide	3.93	142	272284	73.084	ug/l	100
11) Tert butyl alcohol	4.76	59	193187	242.691	ug/l	100
12) 1,1-Dichloroethene	3.72	96	231192	64.377	ug/l	100
13) Acrolein	3.59	56	56419	404.006	ug/l	100
14) Allyl chloride	4.30	41	419162	61.809	ug/l	100
15) Acrylonitrile	4.96	53	577001	266.891	ug/l	100
16) Acetone	3.80	43	603583	258.802	ug/l	100
17) Carbon Disulfide	4.03	76	616020	95.000	ug/l	100
18) Methyl Acetate	4.30	43	286848	47.578	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	809917	53.875	ug/l	100
20) Methylene Chloride	4.53	84	262507	56.204	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	253705	65.134	ug/l	100
22) Diisopropyl ether	5.93	45	887972	53.683	ug/l	100
23) Vinyl Acetate	5.87	43	3682134	316.600	ug/l	100
24) 1,1-Dichloroethane	5.83	63	503515	56.103	ug/l	100
25) 2-Butanone	6.81	43	841549	267.028	ug/l	100
26) 2,2-Dichloropropane	6.80	77	420173	55.350	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	297990	58.364	ug/l	100
28) Bromochloromethane	7.18	49	204029	50.077	ug/l	100
29) Tetrahydrofuran	7.19	42	532143	271.301	ug/l	100
30) Chloroform	7.36	83	505247	52.961	ug/l	100
31) Cyclohexane	7.64	56	473830	65.817	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	431312	58.631	ug/l	100
36) 1,1-Dichloropropene	7.78	75	392419	62.318	ug/l	100
37) Ethyl Acetate	6.91	43	346437	55.482	ug/l	100
38) Carbon Tetrachloride	7.76	117	364178	58.882	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	458654	67.424	ug/l	100
40) Benzene	8.03	78	1130464	59.853	ug/l	100
41) Methacrylonitrile	7.15	41	154242	52.289	ug/l	100
42) 1,2-Dichloroethane	8.11	62	430526	55.355	ug/l	100
43) Isopropyl Acetate	8.15	43	603975	52.078	ug/l	100
44) Trichloroethene	8.82	130	282180	60.935	ug/l	100
45) 1,2-Dichloropropane	9.11	63	303820	55.272	ug/l	100
46) Dibromomethane	9.20	93	191169	56.738	ug/l	100
47) Bromodichloromethane	9.39	83	377833	54.483	ug/l	100
48) Methyl methacrylate	9.19	41	286613	54.501	ug/l	100
49) 1,4-Dioxane	9.19	88	79356	951.114	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1702257	279.394	ug/l	100
52) Toluene	10.15	92	694976	59.132	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	429416	59.600	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	470841	59.030	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	262359	52.053	ug/l	100
56) Ethyl methacrylate	10.43	69	413320	56.443	ug/l	100
57) 1,3-Dichloropropane	10.71	76	469018	53.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	833528	248.695	ug/l	100
59) 2-Hexanone	10.75	43	1238655	274.415	ug/l	100
60) Dibromochloromethane	10.90	129	269154	55.476	ug/l	100
61) 1,2-Dibromoethane	11.00	107	272185	57.106	ug/l	100
64) Tetrachloroethene	10.63	164	230189	61.126	ug/l	100
65) Chlorobenzene	11.43	112	728184	55.238	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	257570	54.726	ug/l	100
67) Ethyl Benzene	11.51	91	1358071	59.628	ug/l	100
68) m/p-Xylenes	11.62	106	1010459	117.644	ug/l	100
69) o-Xylene	11.95	106	485893	57.832	ug/l	100
70) Styrene	11.97	104	819843	57.256	ug/l	100
71) Bromoform	12.13	173	163527	55.187	ug/l #	100
73) Isopropylbenzene	12.25	105	1314100	58.335	ug/l	100
74) N-amyl acetate	12.07	43	534826	57.426	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	374321	50.918	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	479360	75.861	ug/l #	100
77) Bromobenzene	12.53	156	300116	53.431	ug/l	100
78) n-propylbenzene	12.60	91	1530921	59.765	ug/l	100
79) 2-Chlorotoluene	12.68	91	897016	56.341	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1117606	58.861	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	111023	57.121	ug/l	100
82) 4-Chlorotoluene	12.78	91	927076	55.685	ug/l	100
83) tert-Butylbenzene	13.00	119	930393	55.481	ug/l	100
84) 1,2,4-Trimethylbenzene	13.05	105	1119688	59.225	ug/l	100
85) sec-Butylbenzene	13.18	105	1251206	57.059	ug/l	100
86) p-Isopropyltoluene	13.29	119	1115797	57.362	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	547475	53.748	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	547372	52.790	ug/l	100
89) n-Butylbenzene	13.62	91	984369	54.124	ug/l	100
90) Hexachloroethane	13.88	117	171300	56.882	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	529839	52.299	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	69320	52.484	ug/l	100

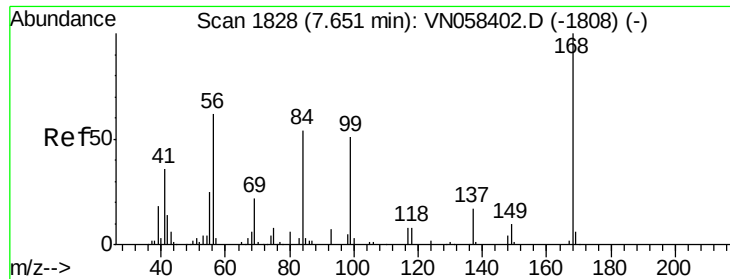
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	315389	49.485	ug/l	100
94) Hexachlorobutadiene	15.02	225	147629	47.839	ug/l	100
95) Naphthalene	15.13	128	860991	52.246	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	291403	48.679	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

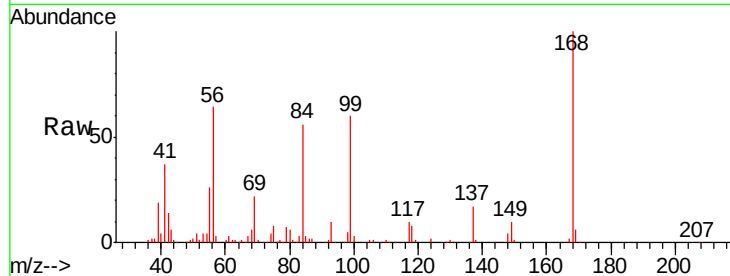
VSTDICCC050

Tgt Ion:168 Resp: 481349

Ion Ratio Lower Upper

168 100

99 59.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058402.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058402.D (-1735) (-)

7.65

200000

150000

100000

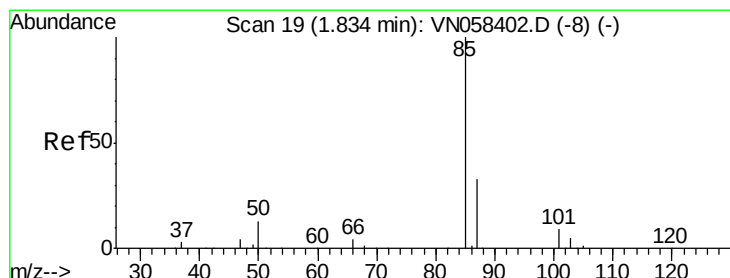
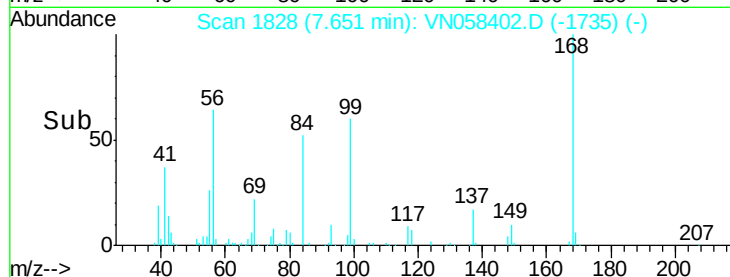
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 62.928 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058402.D

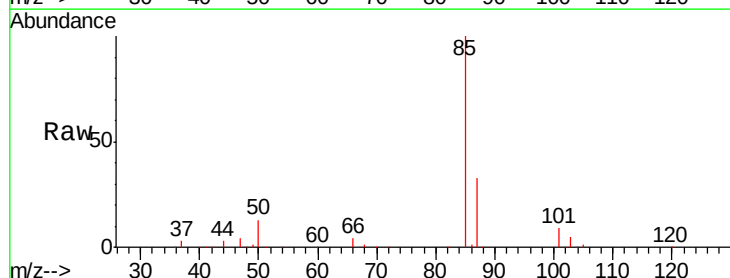
Acq: 27 Sep 2019 12:17

Tgt Ion: 85 Resp: 266940

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN058402.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN058402.D (-1) (-)

1.83

200000

150000

100000

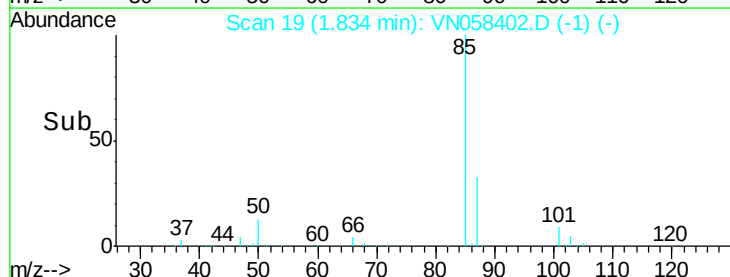
50000

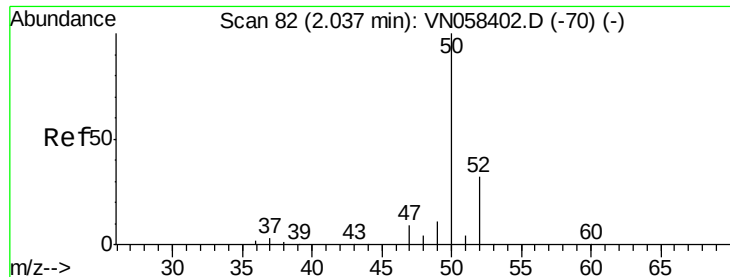
0

1.80

1.90

Time-->





#3

Chloromethane

Concen: 67.716 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

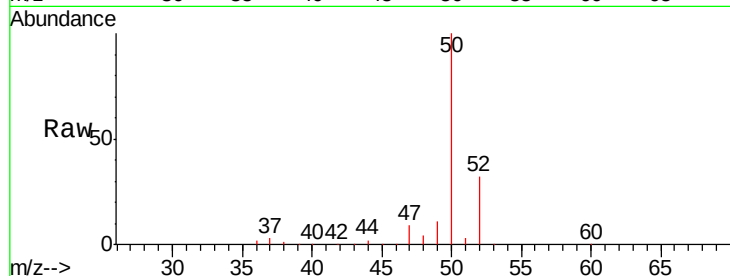
VSTDICCC050

Tgt Ion: 50 Resp: 279599

Ion Ratio Lower Upper

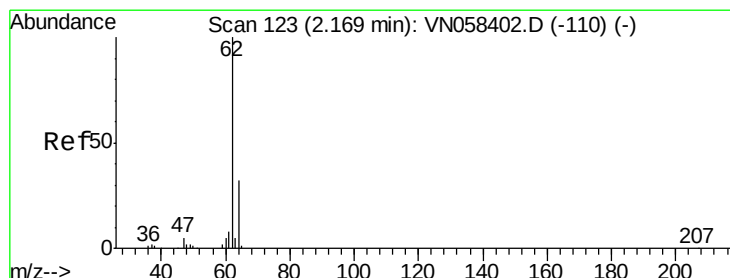
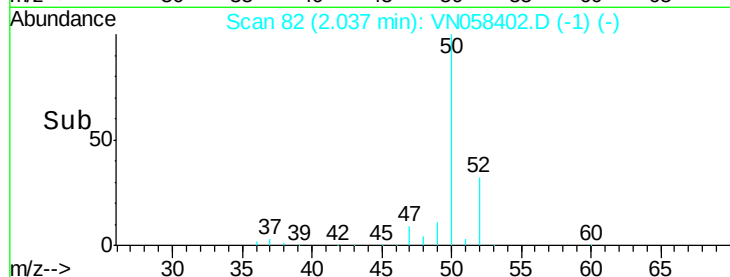
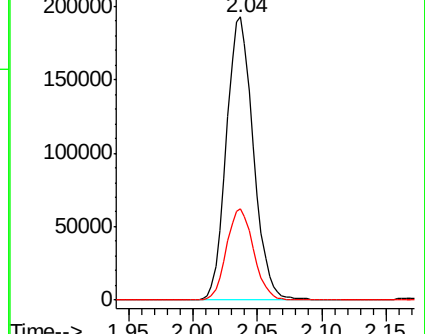
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 66.469 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058402.D

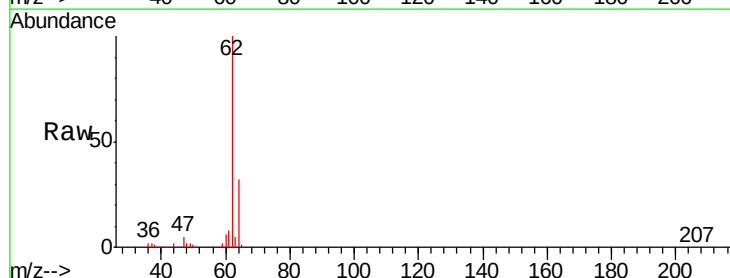
Acq: 27 Sep 2019 12:17

Tgt Ion: 62 Resp: 280616

Ion Ratio Lower Upper

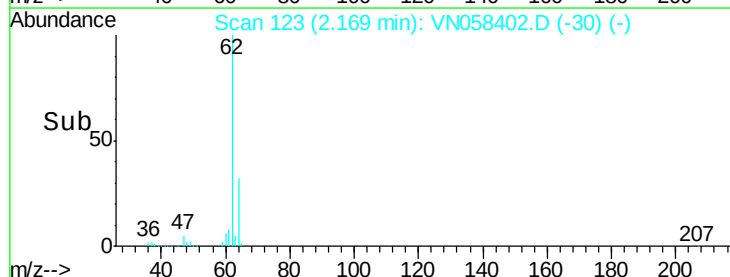
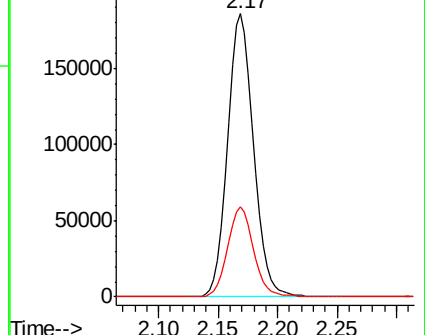
62 100

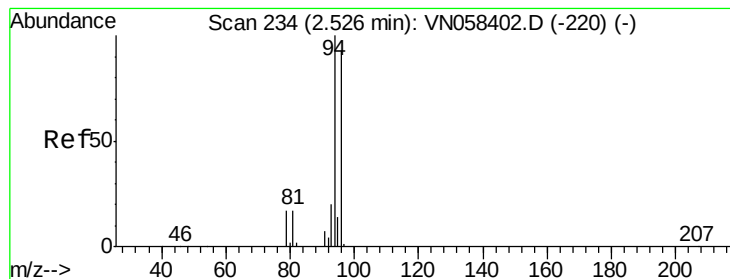
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 69.615 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

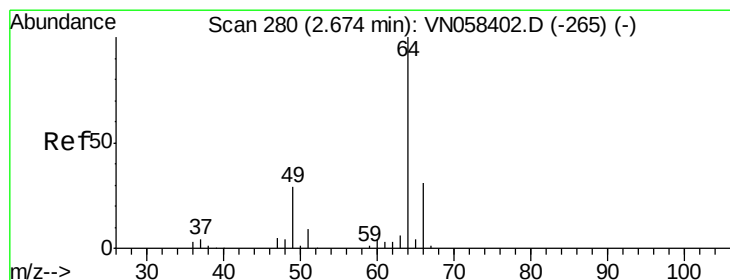
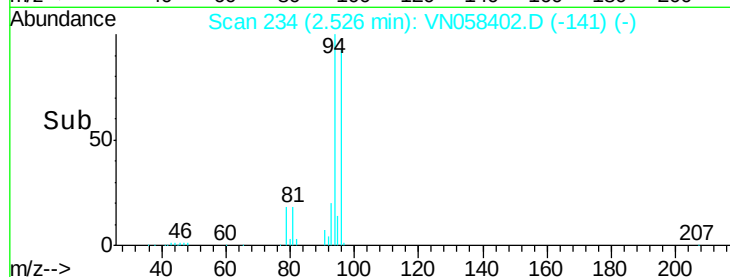
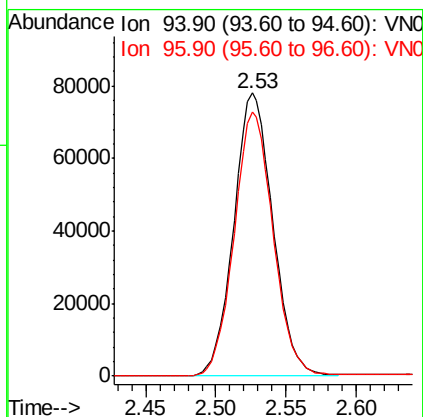
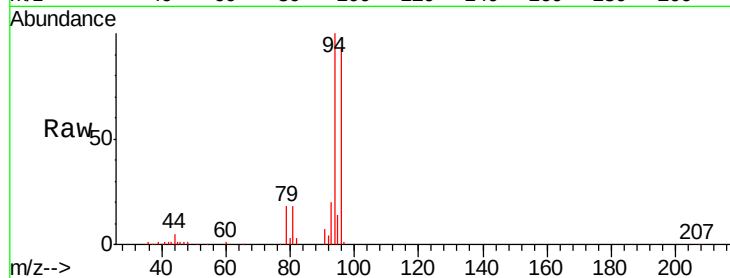
VSTDICCC050

Tgt Ion: 94 Resp: 150056

Ion Ratio Lower Upper

94 100

96 93.5 74.8 112.2



#6

Chloroethane

Concen: 61.746 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN058402.D

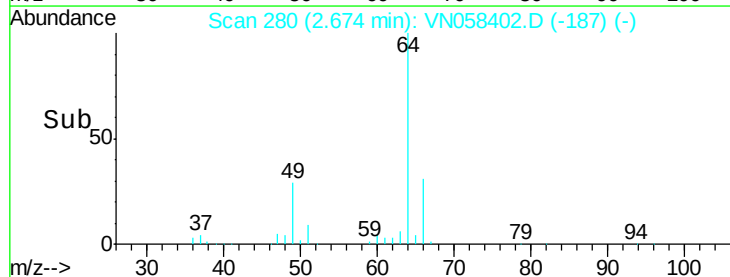
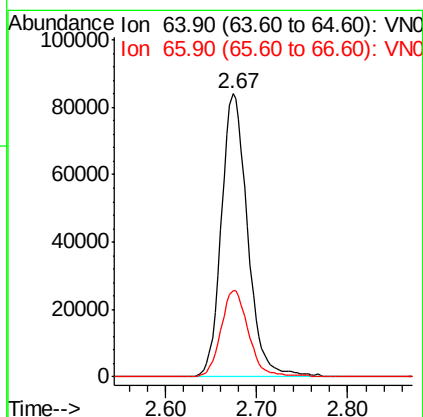
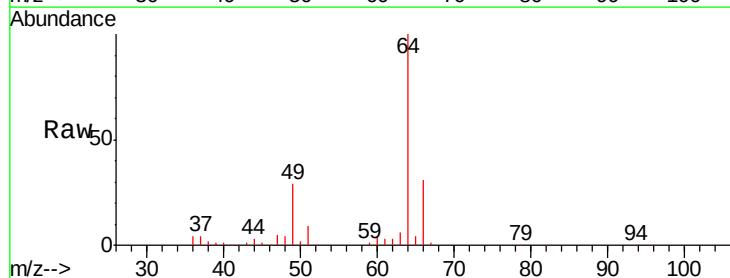
Acq: 27 Sep 2019 12:17

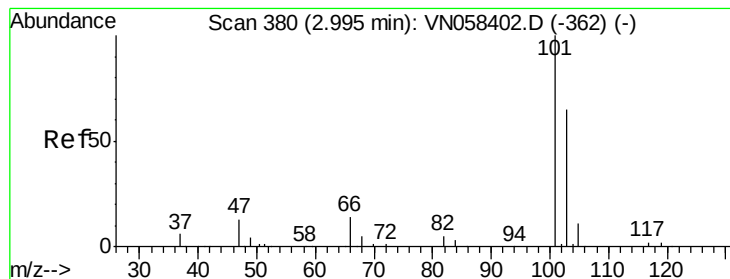
Tgt Ion: 64 Resp: 168890

Ion Ratio Lower Upper

64 100

66 30.5 24.4 36.6



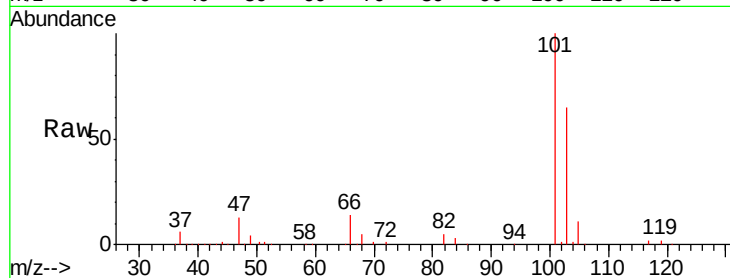


#7

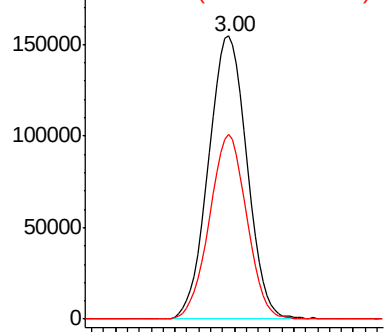
Trichlorofluoromethane
 Concen: 60.105 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

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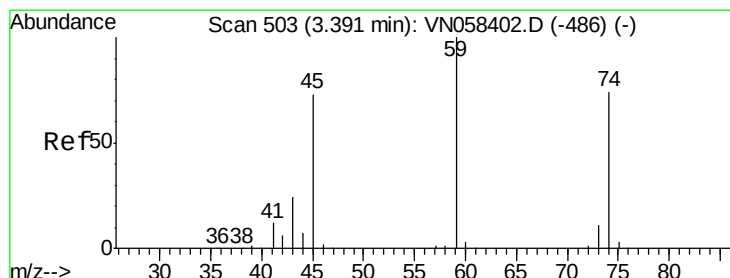
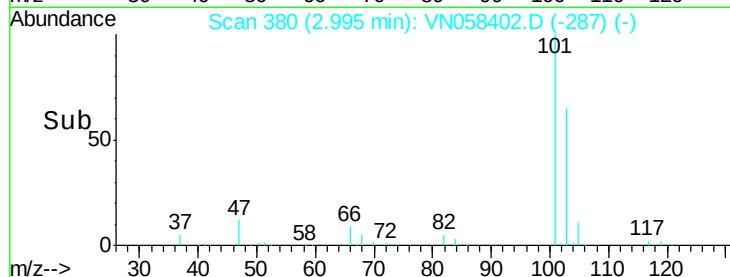
Tgt Ion: 101 Resp: 346136
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



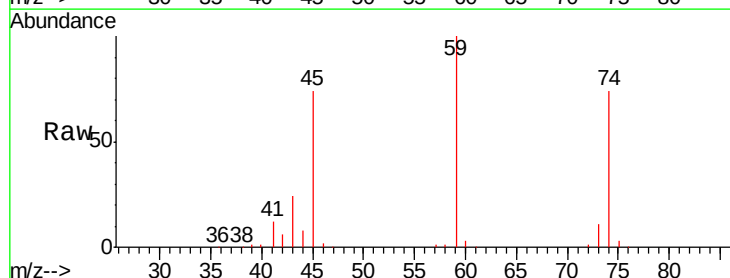
Time-->



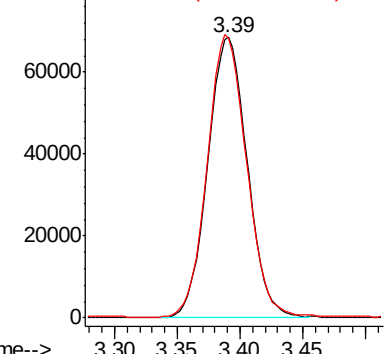
#8

Diethyl Ether
 Concen: 57.959 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

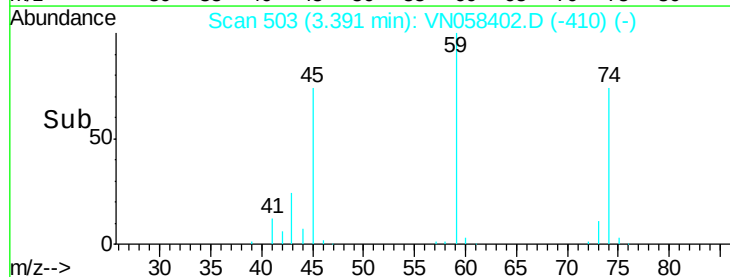
Tgt Ion: 74 Resp: 149950
 Ion Ratio Lower Upper
 74 100
 45 101.1 50.5 151.6

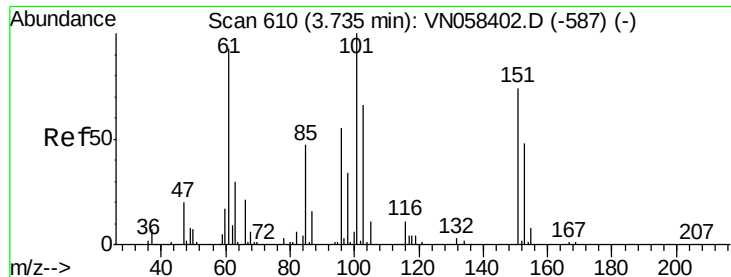


Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.565 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

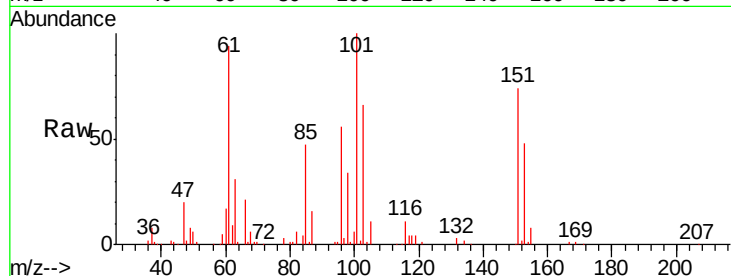
Tgt Ion:101 Resp: 235469

Ion Ratio Lower Upper

101 100

85 45.9 36.7 55.1

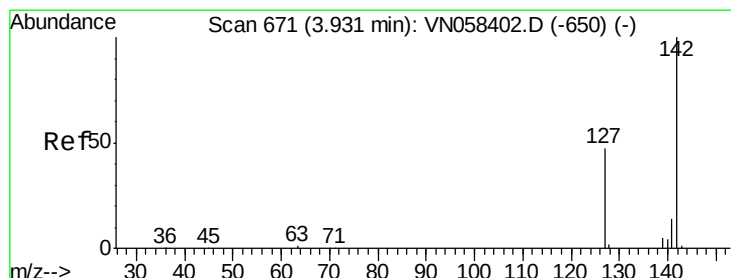
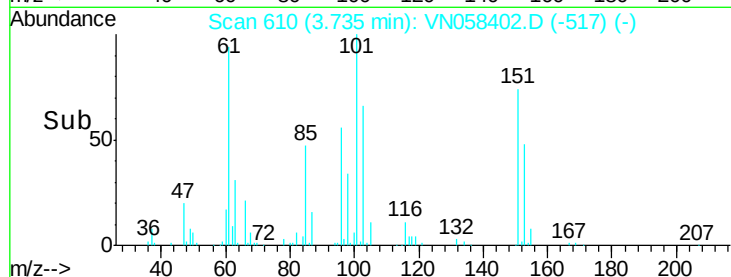
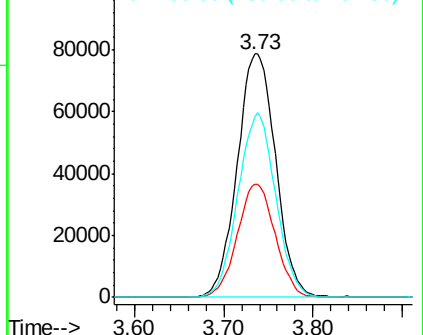
151 74.2 59.4 89.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 73.084 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

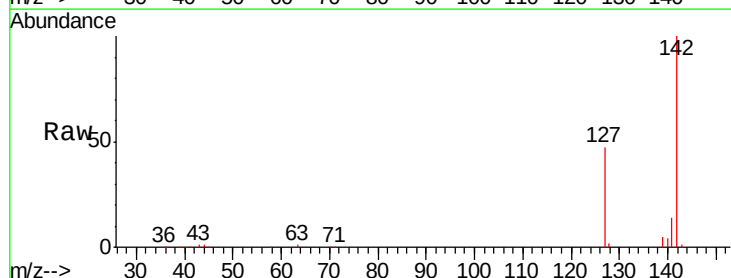
Tgt Ion:142 Resp: 272284

Ion Ratio Lower Upper

142 100

127 46.5 37.2 55.8

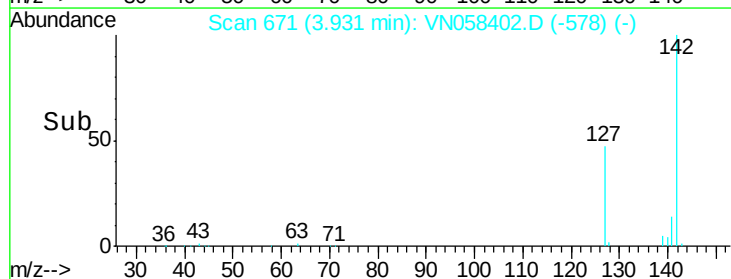
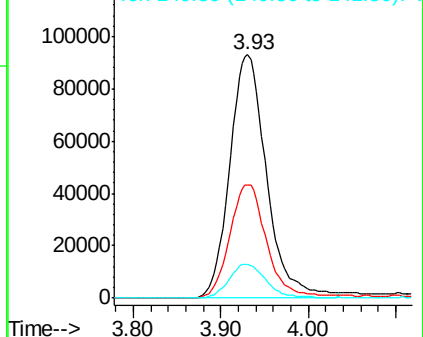
141 14.1 11.3 16.9

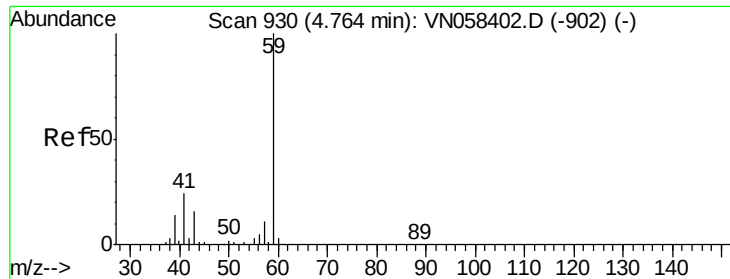


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

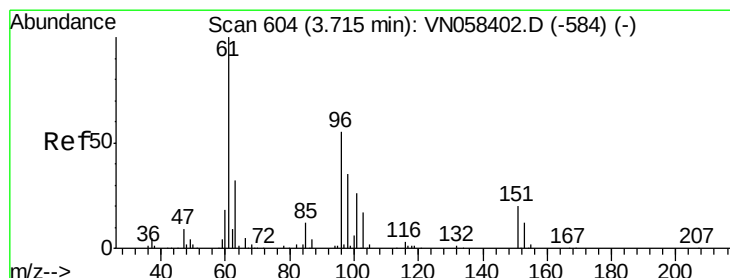
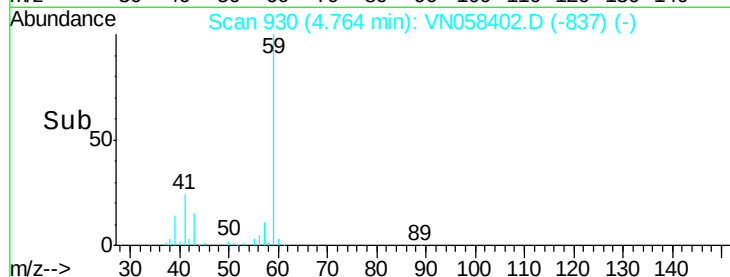
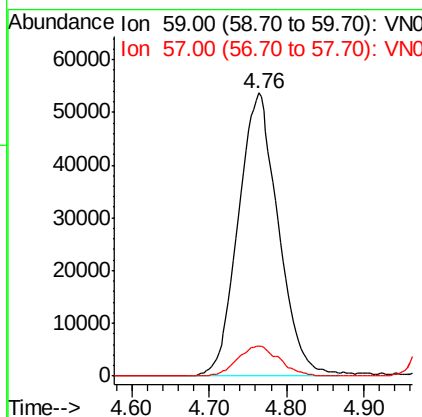
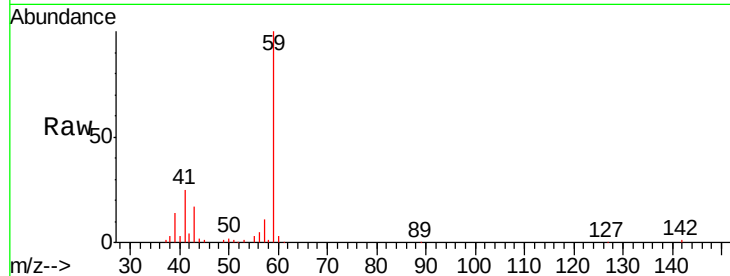




#11
Tert butyl alcohol
Concen: 242.691 ug/l
RT: 4.76 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

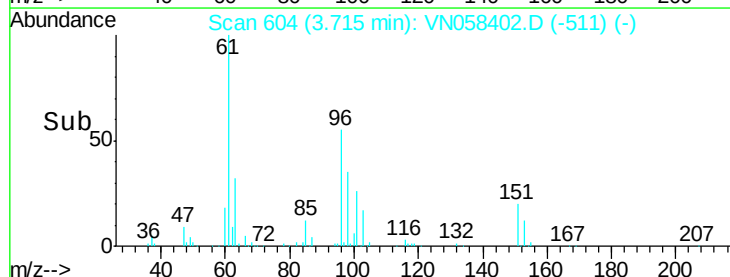
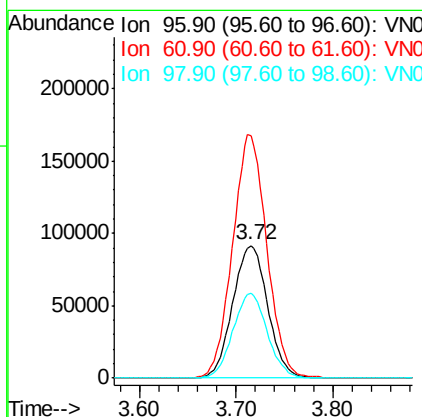
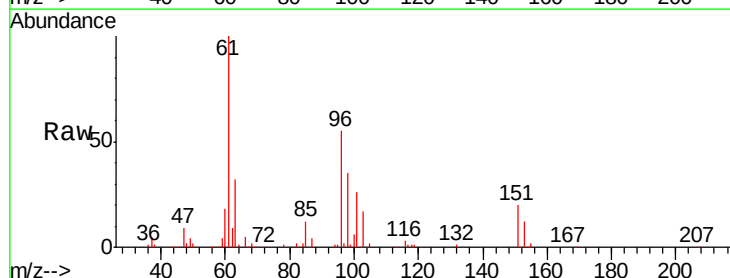
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

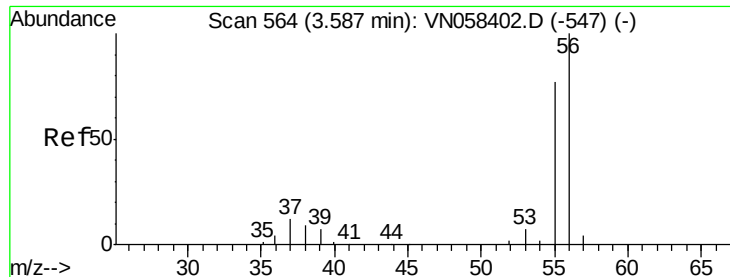
Tgt Ion: 59 Resp: 193187
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4



#12
1,1-Dichloroethene
Concen: 64.377 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion: 96 Resp: 231192
Ion Ratio Lower Upper
96 100
61 183.4 146.7 220.1
98 64.1 51.3 76.9

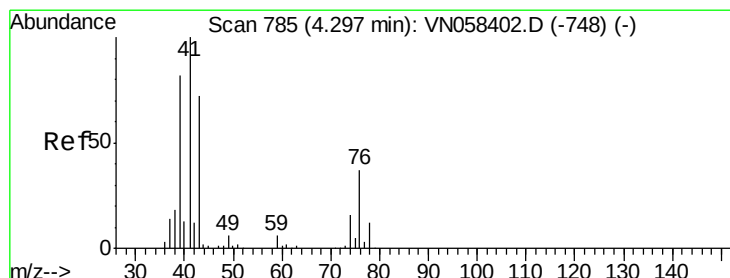
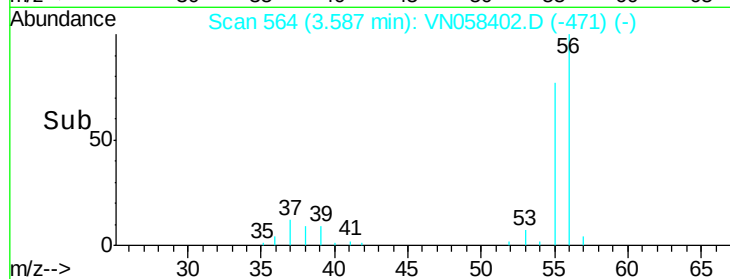
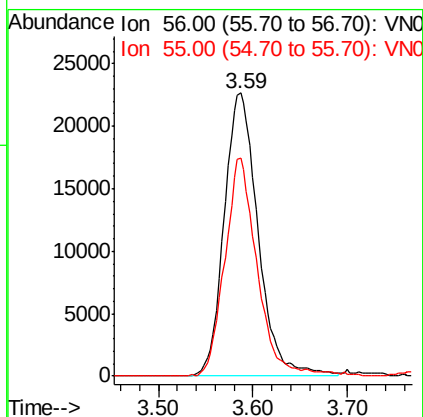
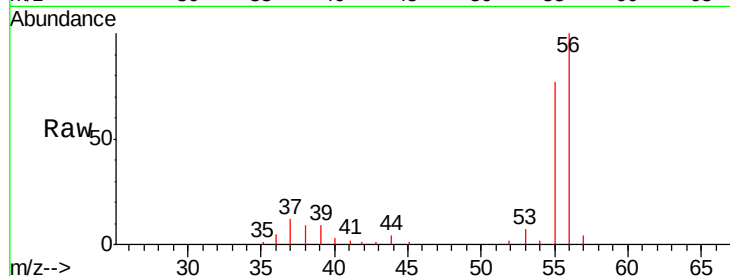




#13
 Acrolein
 Concen: 404.006 ug/l
 RT: 3.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

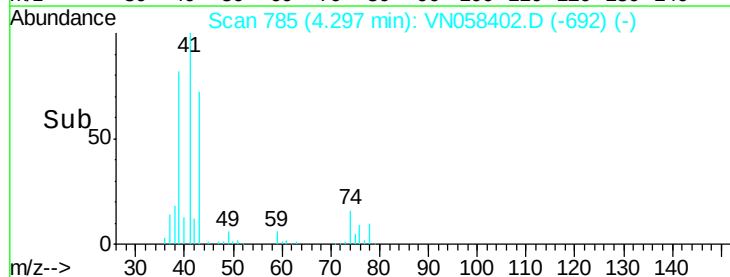
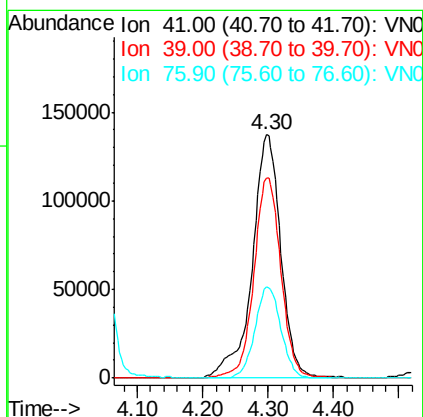
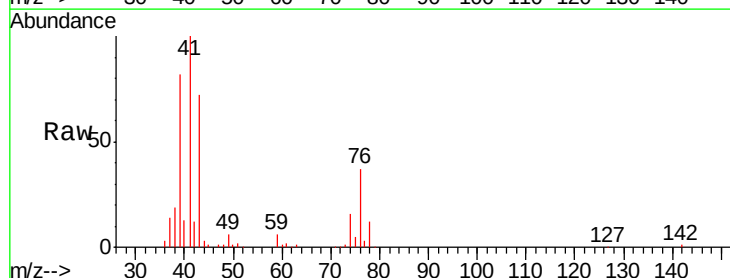
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

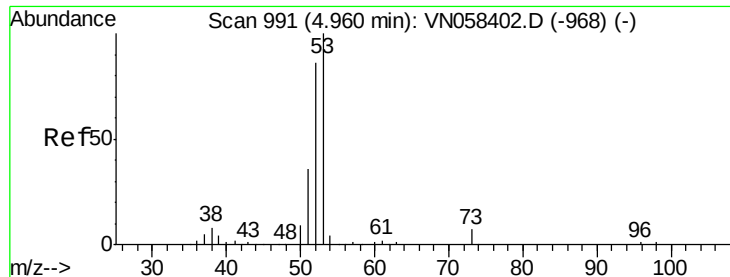
Tgt Ion: 56 Resp: 56419
 Ion Ratio Lower Upper
 56 100
 55 72.9 58.3 87.5



#14
 Allyl chloride
 Concen: 61.809 ug/l
 RT: 4.30 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

Tgt Ion: 41 Resp: 419162
 Ion Ratio Lower Upper
 41 100
 39 77.9 62.3 93.5
 76 33.6 26.9 40.3





#15

Acrylonitrile

Concen: 266.891 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

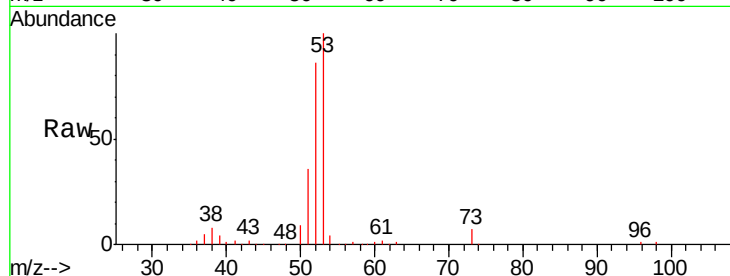
Tgt Ion: 53 Resp: 577001

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

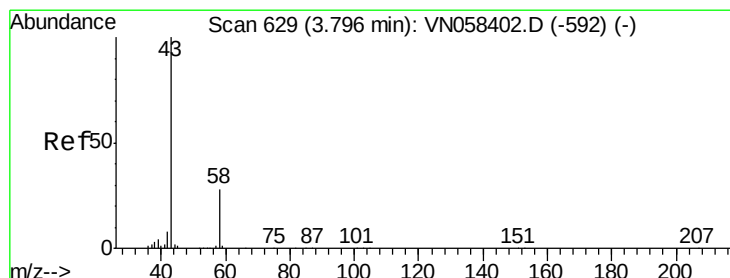
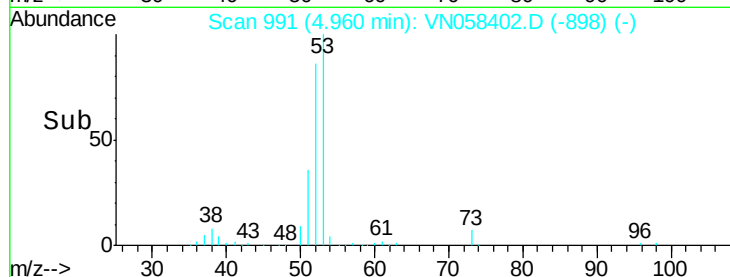
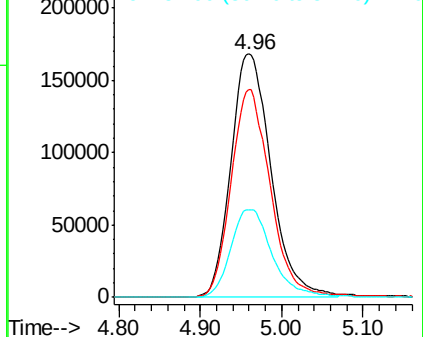
51 37.3 29.8 44.8



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: 258.802 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058402.D

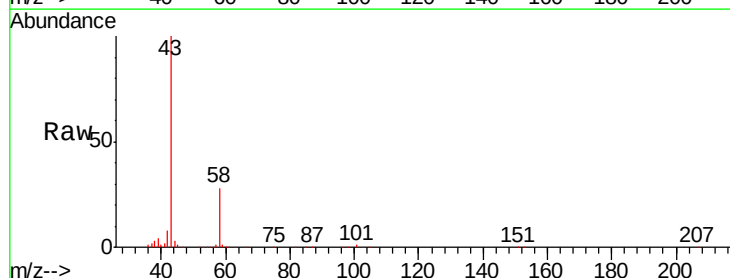
Acq: 27 Sep 2019 12:17

Tgt Ion: 43 Resp: 603583

Ion Ratio Lower Upper

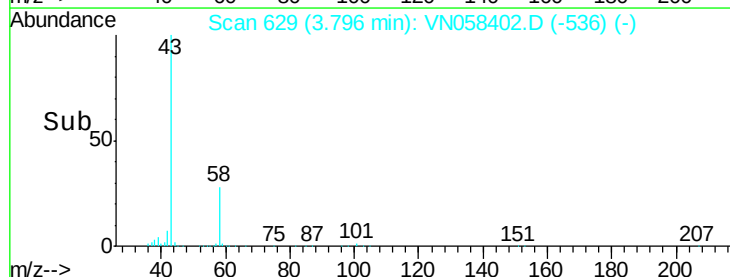
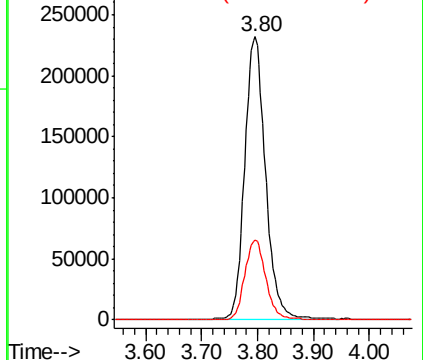
43 100

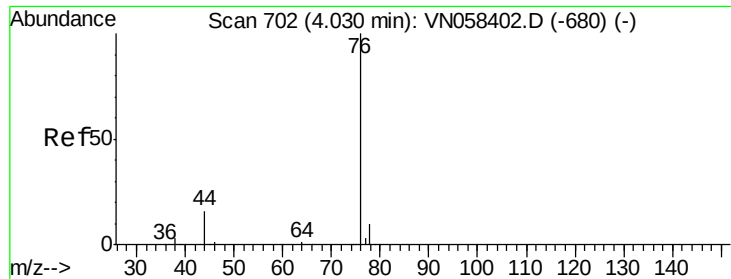
58 28.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 95.000 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

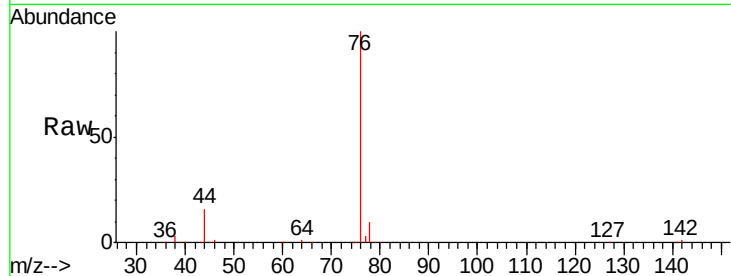
VSTDICCC050

Tgt Ion: 76 Resp: 616020

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

250000

200000

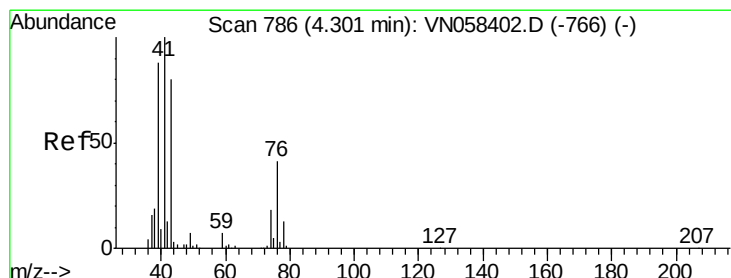
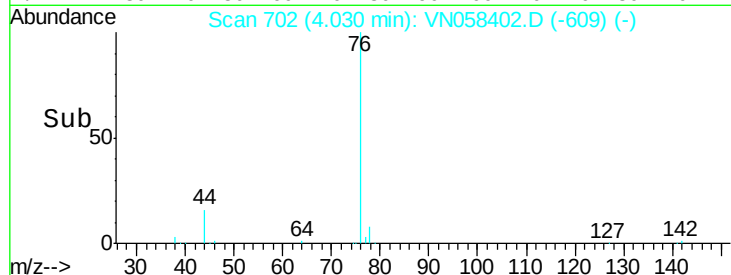
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.578 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058402.D

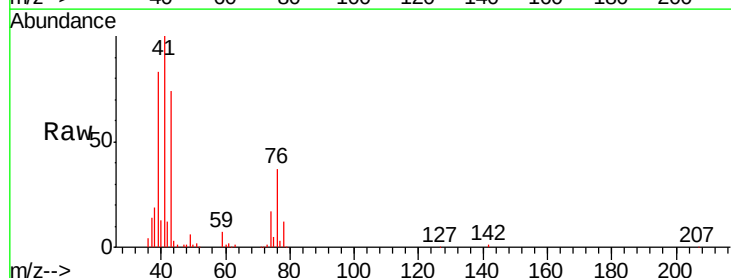
Acq: 27 Sep 2019 12:17

Tgt Ion: 43 Resp: 286848

Ion Ratio Lower Upper

43 100

74 22.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.30

120000

100000

80000

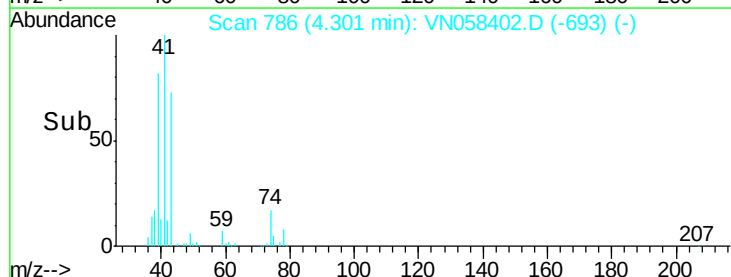
60000

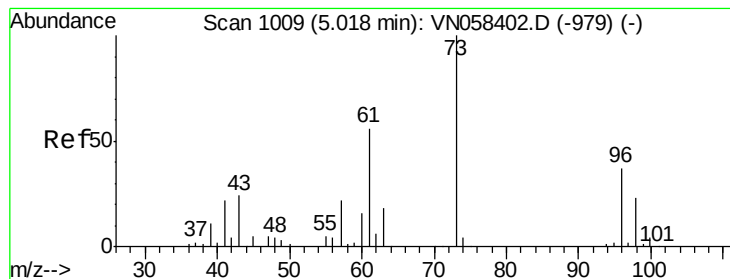
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 53.875 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

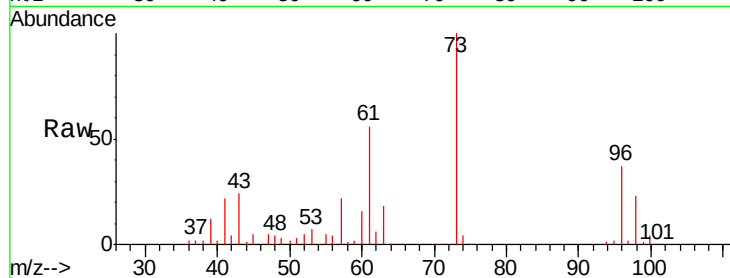
VSTDICCC050

Tgt Ion: 73 Resp: 809917

Ion Ratio Lower Upper

73 100

57 22.0 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VN058402.D (-979) (-)

Ion 57.00 (56.70 to 57.70): VN058402.D (-979) (-)

5.02

200000

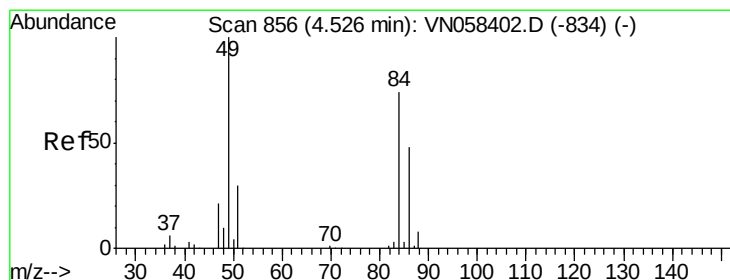
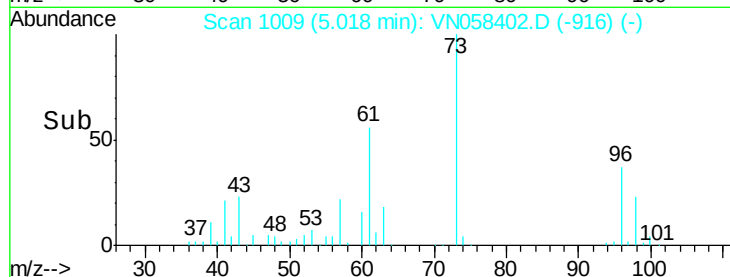
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 56.204 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Tgt Ion: 84 Resp: 262507

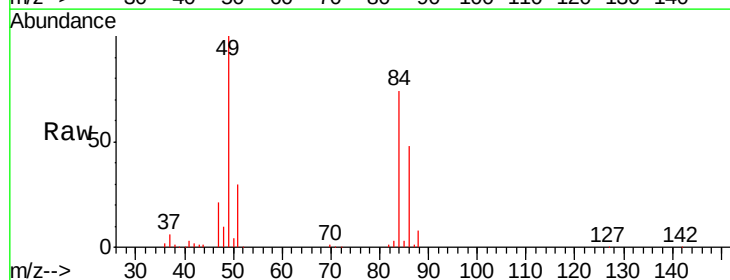
Ion Ratio Lower Upper

84 100

49 134.9 107.9 161.9

51 41.0 32.8 49.2

86 64.4 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VN058402.D (-834) (-)

Ion 48.90 (48.60 to 49.60): VN058402.D (-834) (-)

Ion 50.90 (50.60 to 51.60): VN058402.D (-834) (-)

Ion 85.90 (85.60 to 86.60): VN058402.D (-834) (-)

4.53

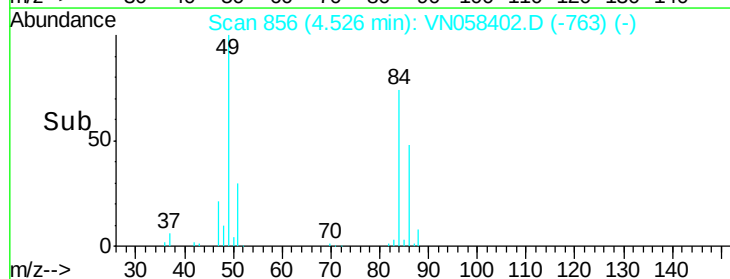
150000

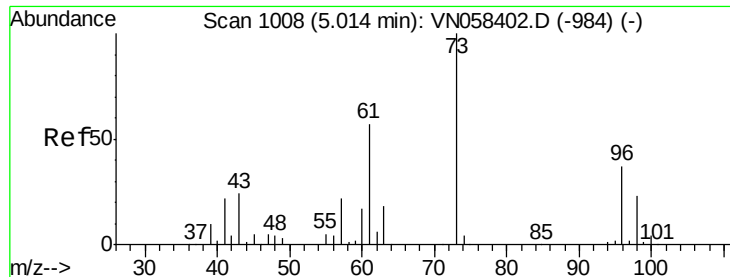
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 65.134 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

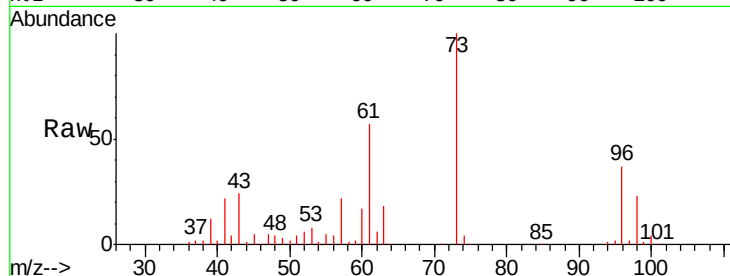
Tgt Ion: 96 Resp: 253705

Ion Ratio Lower Upper

96 100

61 152.4 121.9 182.9

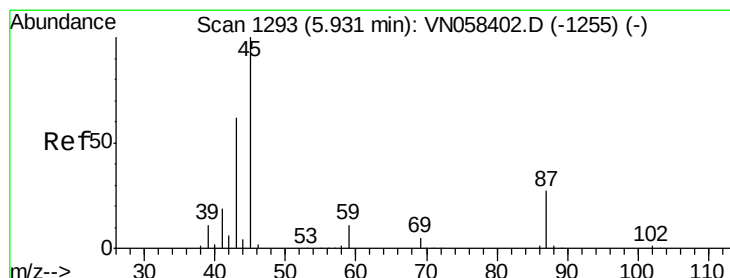
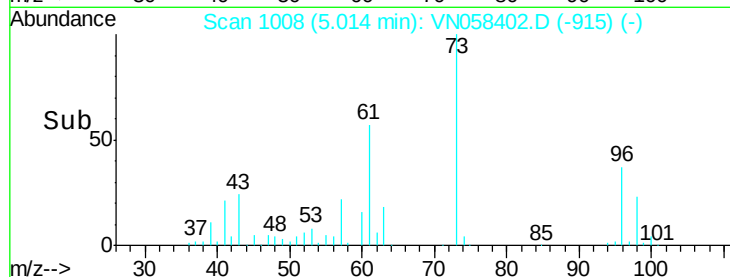
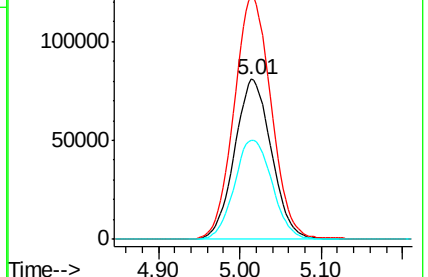
98 61.6 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN058402.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VN058402.D (-984) (-)

Ion 97.90 (97.60 to 98.60): VN058402.D (-984) (-)



#22

Diisopropyl ether

Concen: 53.683 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Tgt Ion: 45 Resp: 887972

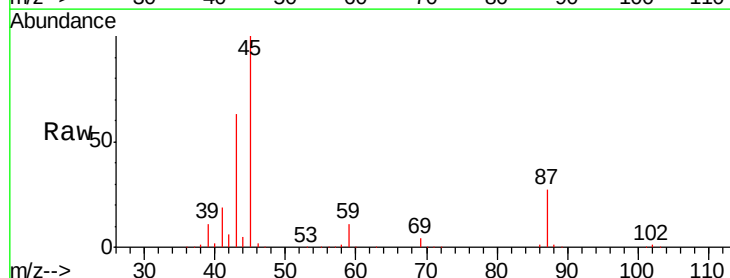
Ion Ratio Lower Upper

45 100

43 62.1 49.7 74.5

87 26.9 21.5 32.3

59 11.1 8.9 13.3

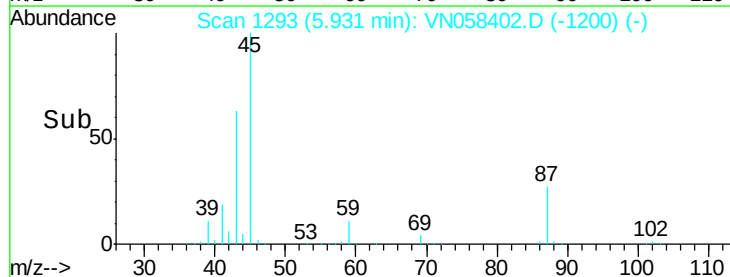
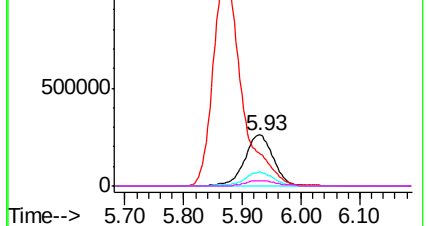


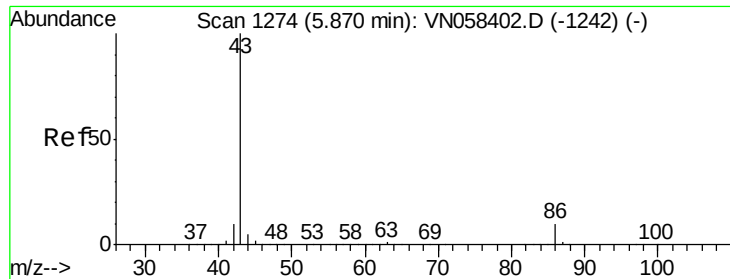
Abundance Ion 45.00 (44.70 to 45.70): VN058402.D (-1255) (-)

Ion 43.00 (42.70 to 43.70): VN058402.D (-1255) (-)

Ion 87.00 (86.70 to 87.70): VN058402.D (-1255) (-)

Ion 59.00 (58.70 to 59.70): VN058402.D (-1255) (-)

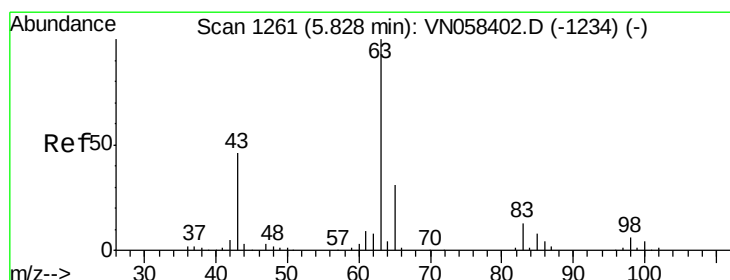
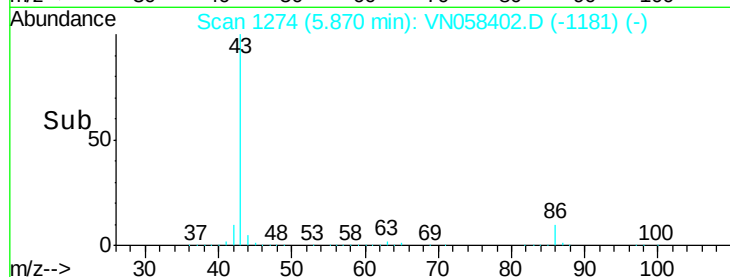
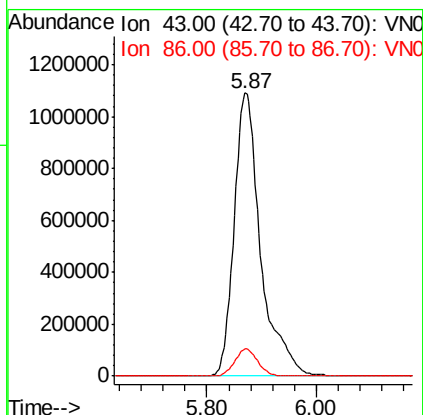
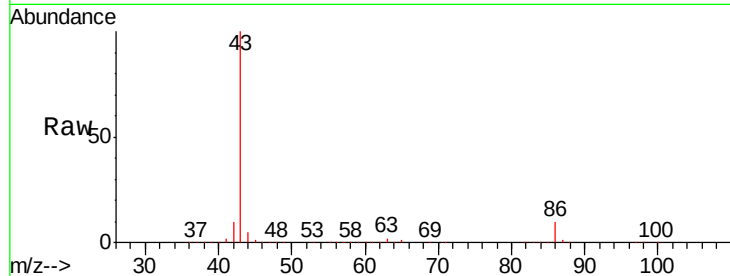




#23
 Vinyl Acetate
 Concen: 316.600 ug/l
 RT: 5.87 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

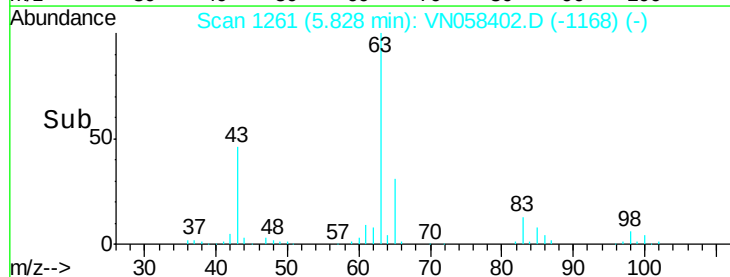
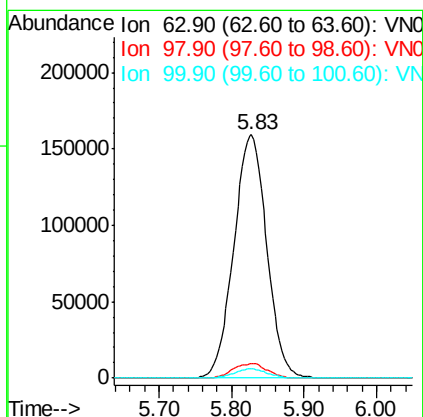
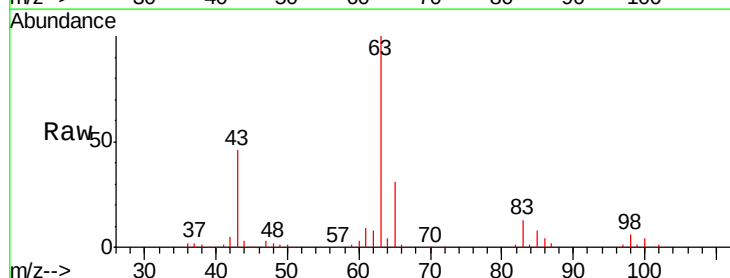
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

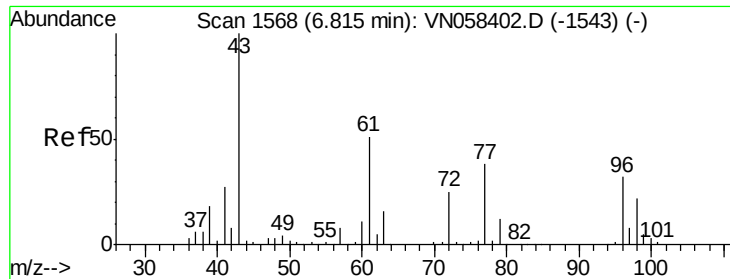
Tgt Ion: 43 Resp: 3682134
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 56.103 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

Tgt Ion: 63 Resp: 503515
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.0
 100 3.9 2.0 5.8

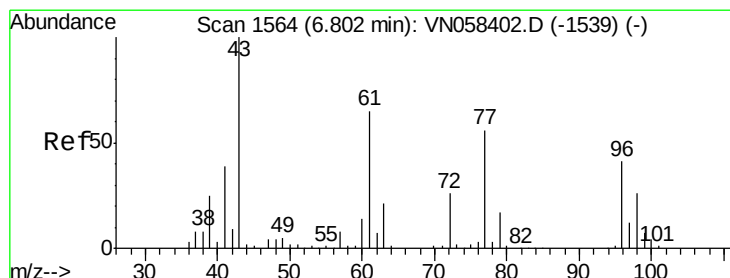
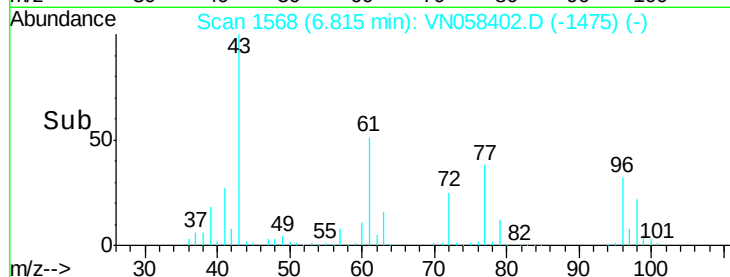
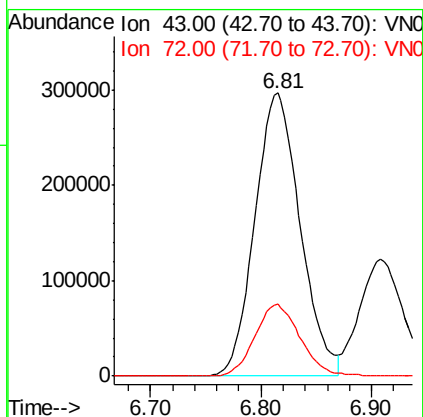
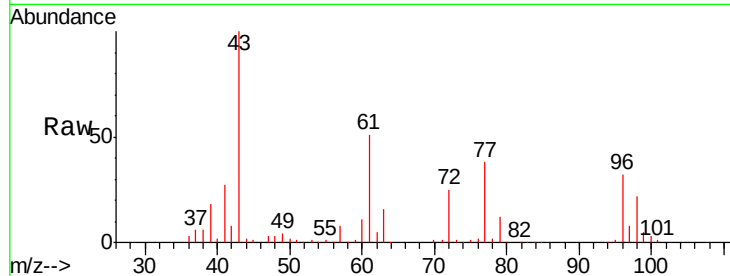




#25
2-Butanone
Concen: 267.028 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

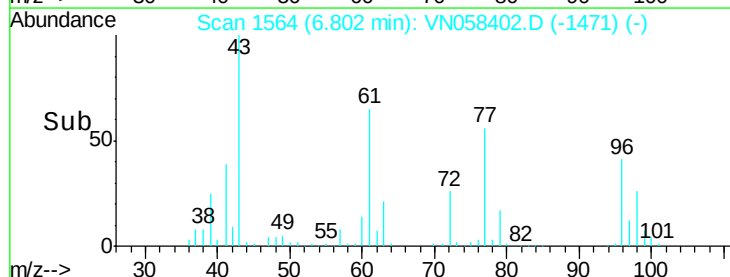
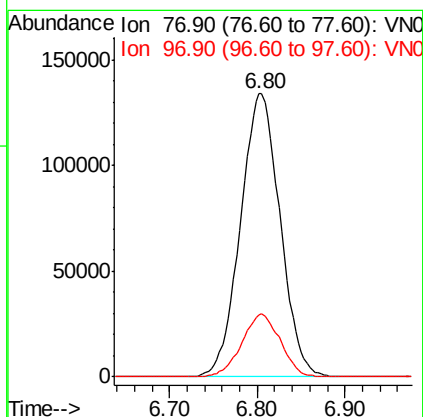
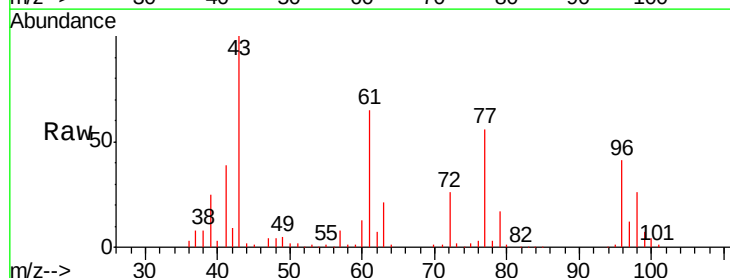
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

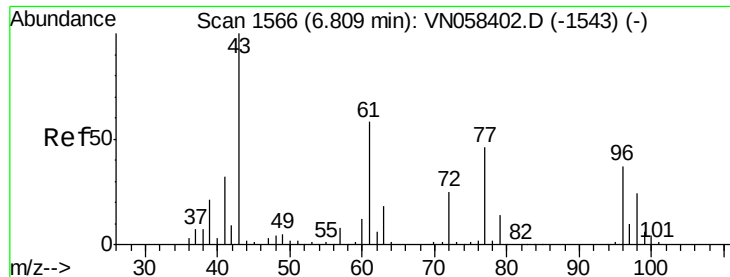
Tgt Ion: 43 Resp: 841549
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4



#26
2,2-Dichloropropane
Concen: 55.350 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion: 77 Resp: 420173
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 58.364 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

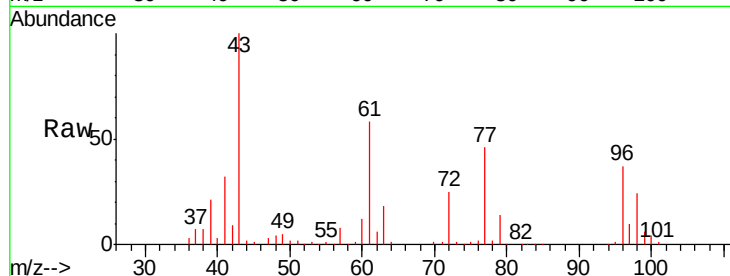
Tgt Ion: 96 Resp: 297990

Ion Ratio Lower Upper

96 100

61 159.4 0.0 318.8

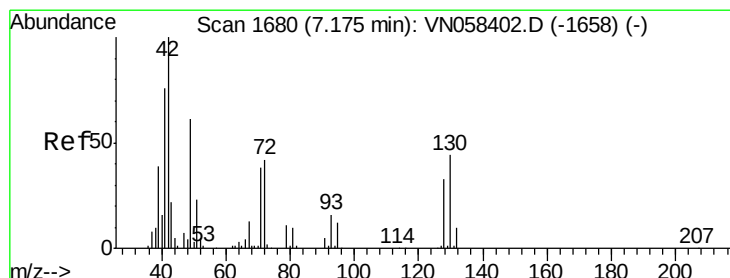
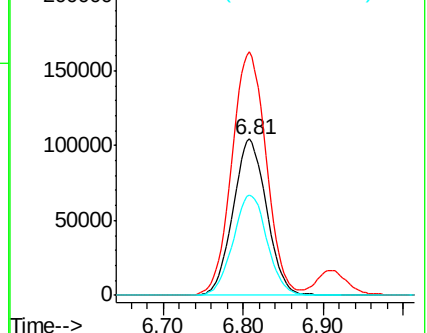
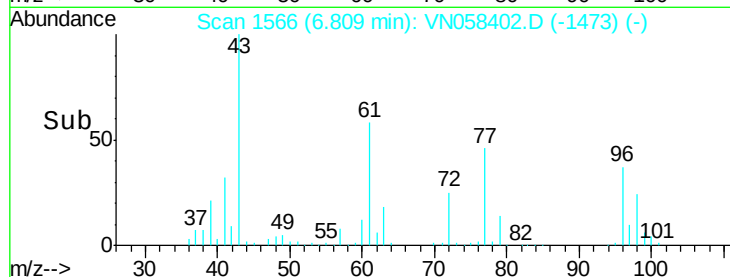
98 64.9 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN058402.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN058402.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN058402.D (-1543) (-)



#28

Bromochloromethane

Concen: 50.077 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

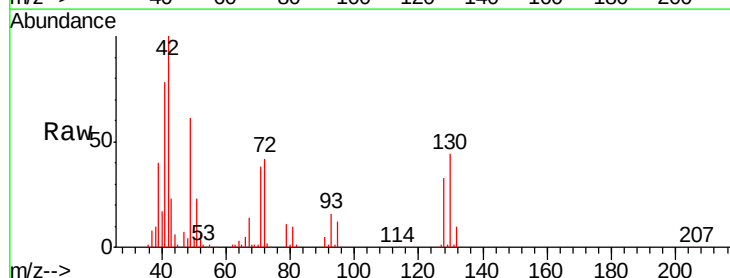
Tgt Ion: 49 Resp: 204029

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

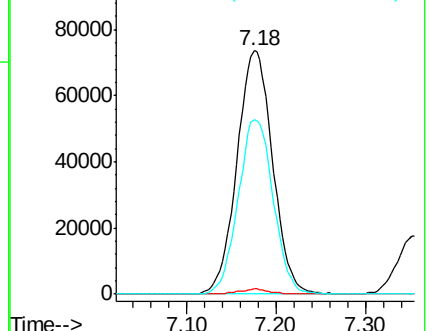
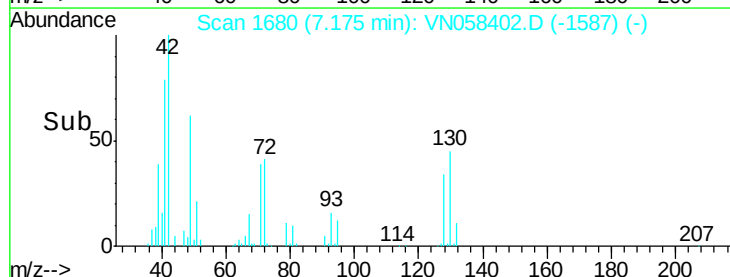
130 70.4 56.3 84.5

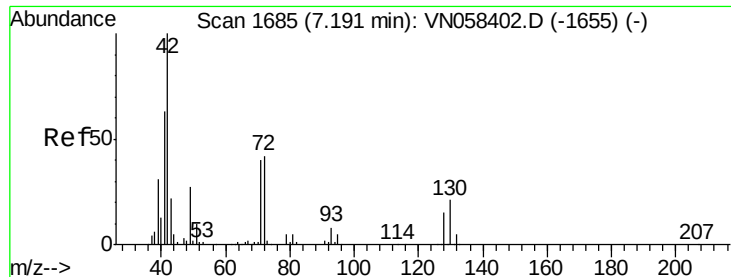


Abundance Ion 48.90 (48.60 to 49.60): VN058402.D (-1658) (-)

Ion 128.80 (128.50 to 129.50): VN058402.D (-1658) (-)

Ion 129.80 (129.50 to 130.50): VN058402.D (-1658) (-)

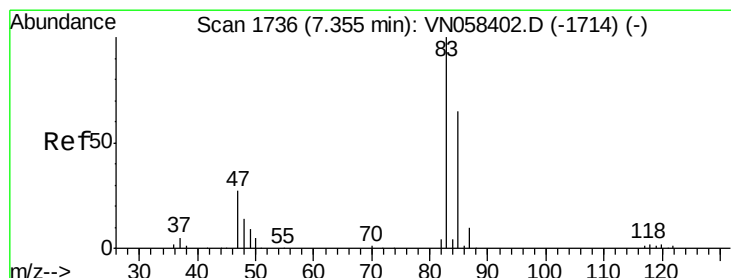
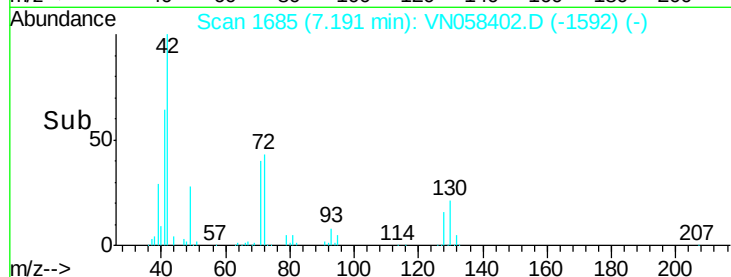
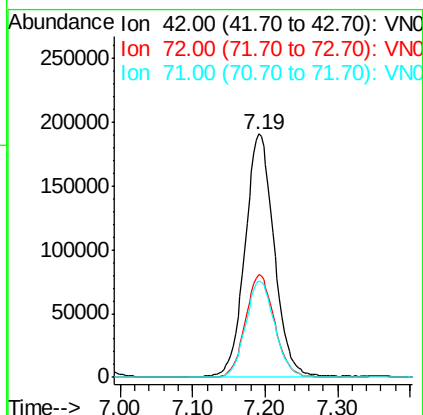
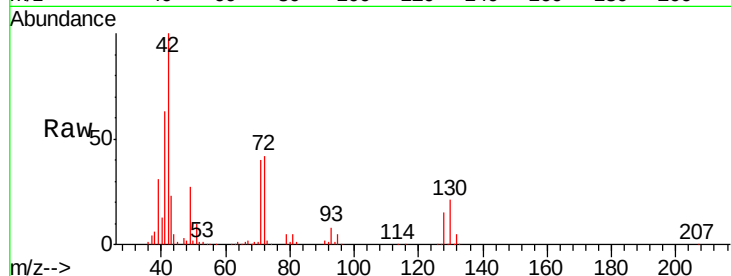




#29
Tetrahydrofuran
Concen: 271.301 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

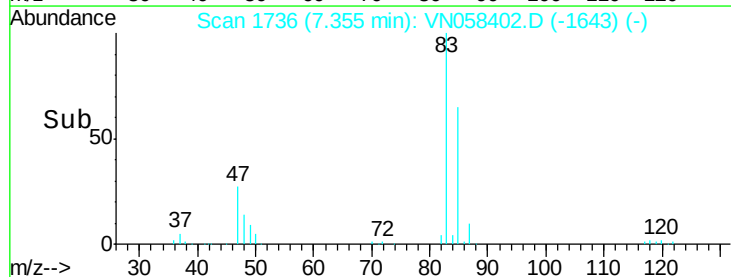
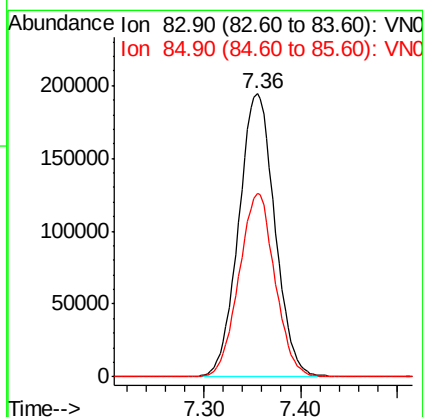
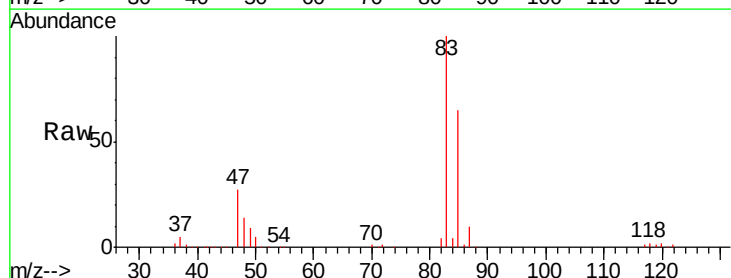
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

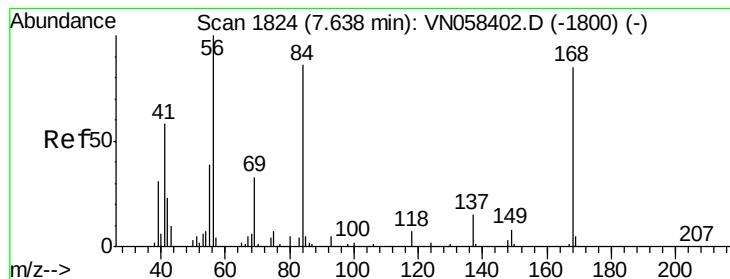
Tgt Ion: 42 Resp: 532143
Ion Ratio Lower Upper
42 100
72 42.1 33.7 50.5
71 39.7 31.8 47.6



#30
Chloroform
Concen: 52.961 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion: 83 Resp: 505247
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0





#31

Cyclohexane

Concen: 65.817 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

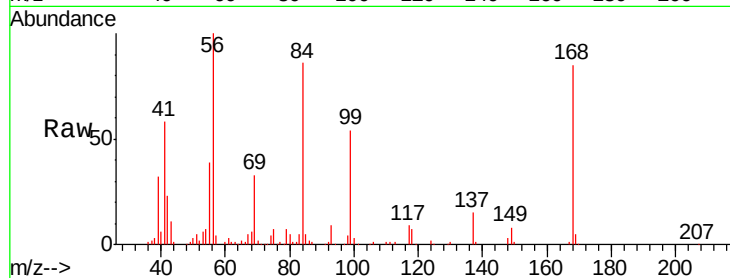
Tgt Ion: 56 Resp: 473830

Ion Ratio Lower Upper

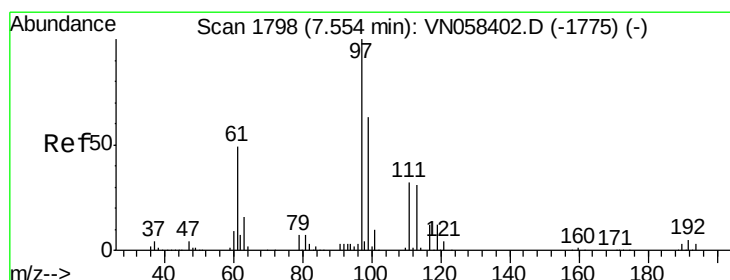
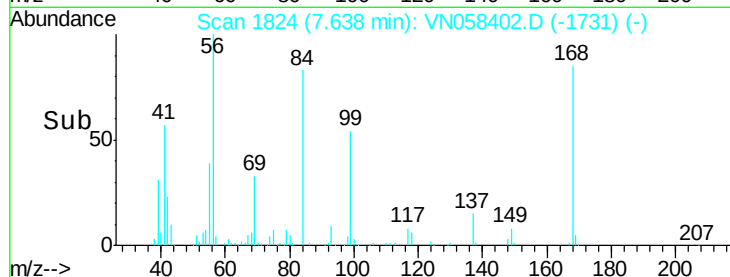
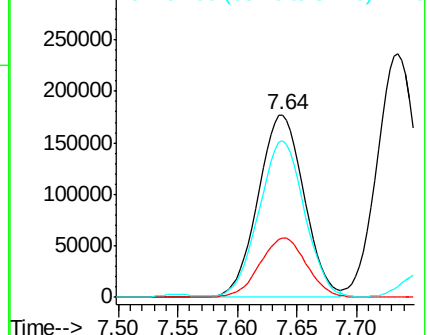
56 100

69 32.8 26.2 39.4

84 84.5 67.6 101.4



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



#32

1,1,1-Trichloroethane

Concen: 58.631 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

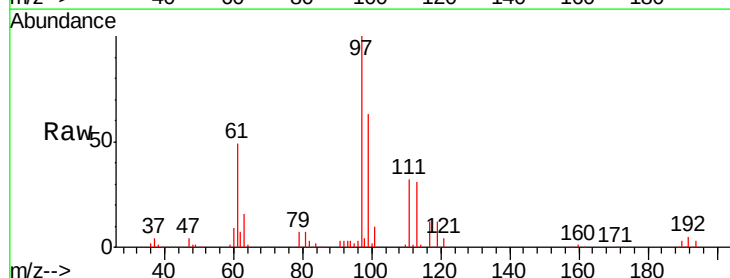
Tgt Ion: 97 Resp: 431312

Ion Ratio Lower Upper

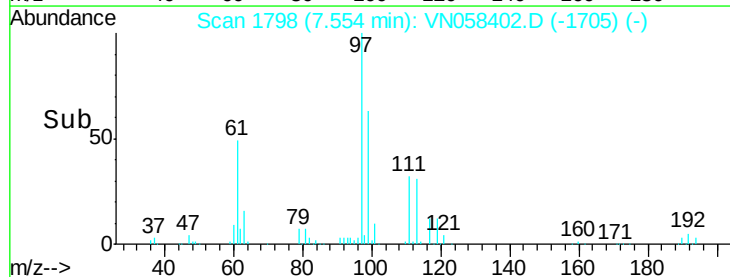
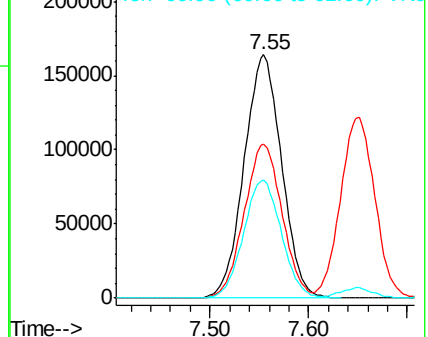
97 100

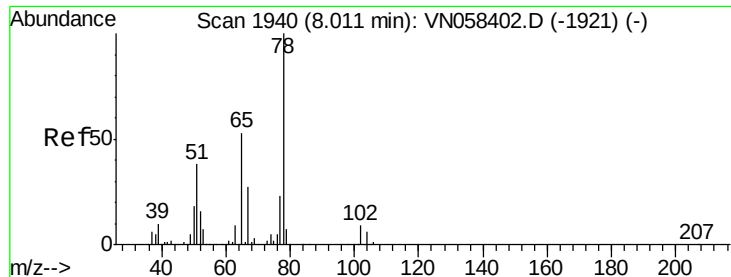
99 63.9 51.1 76.7

61 49.0 39.2 58.8



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

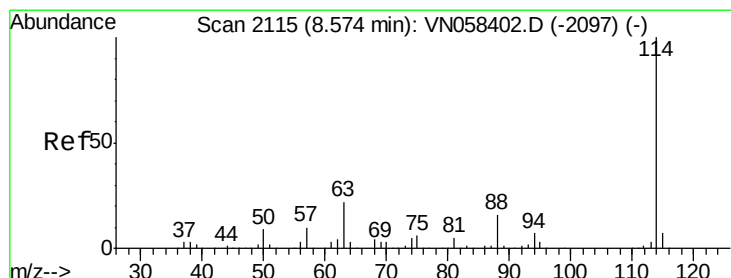
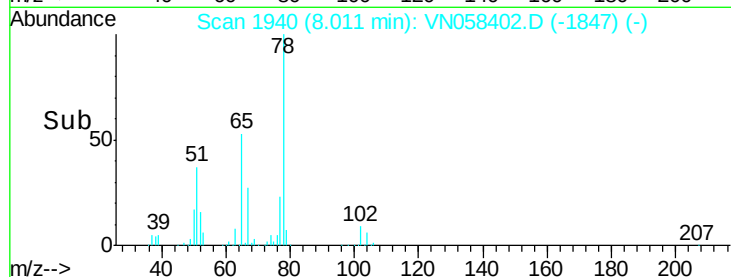
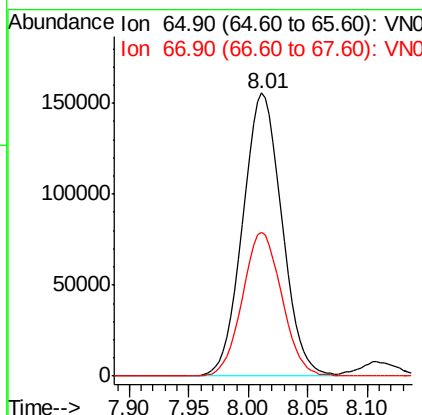
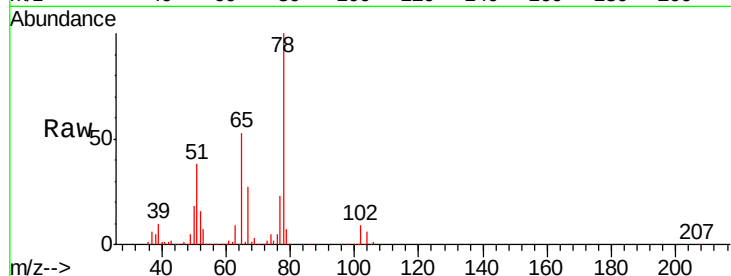




#33
 1,2-Dichloroethane-d4
 Concen: 52.487 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

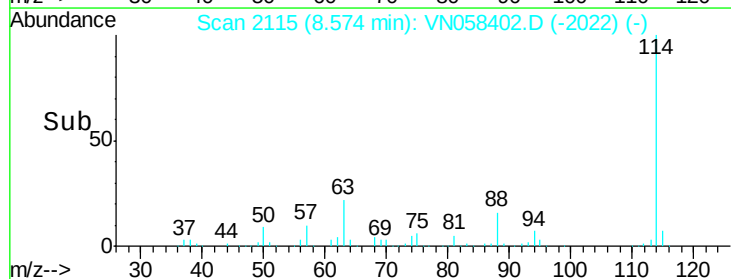
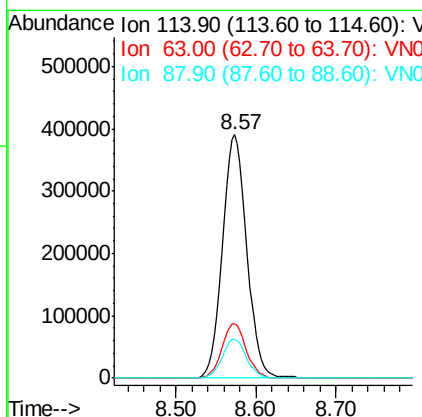
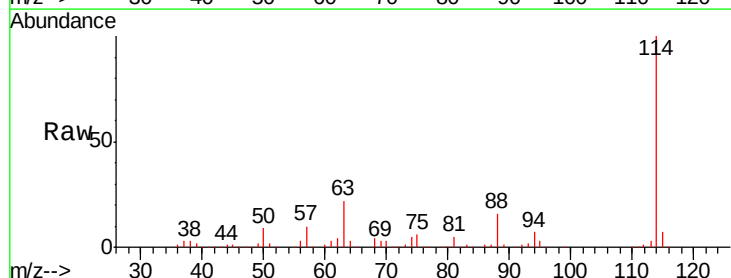
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

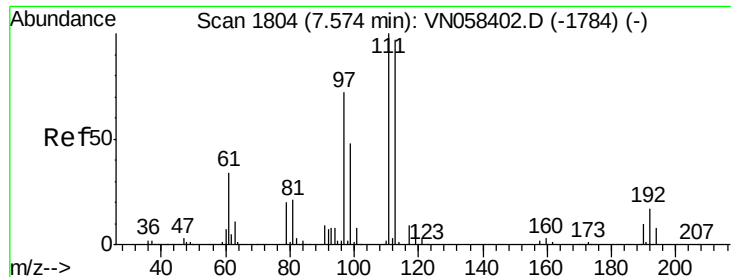
Tgt Ion: 65 Resp: 355501
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

Tgt Ion: 114 Resp: 814880
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 16.1 0.0 32.2

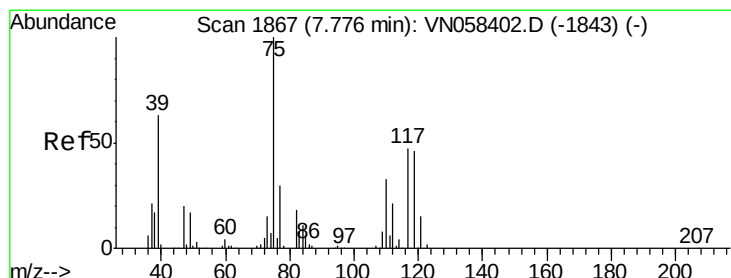
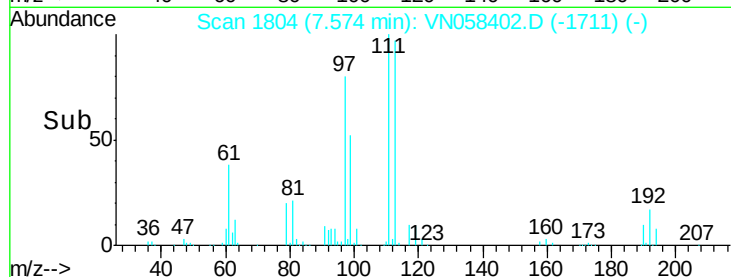
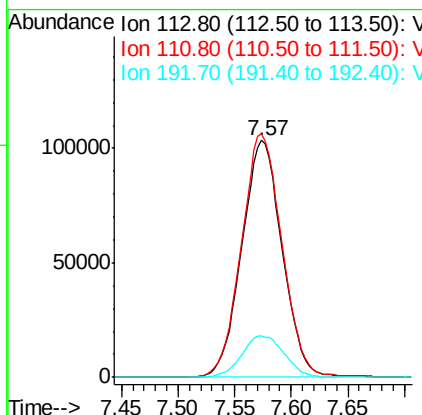
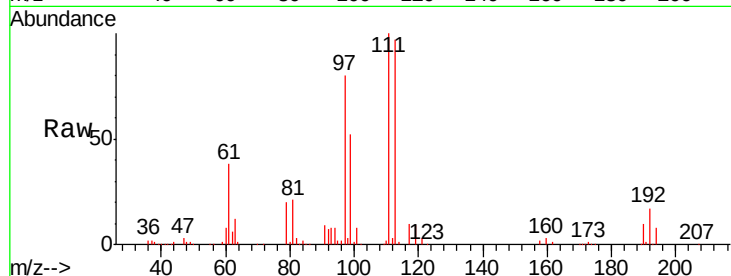




#35
 Dibromofluoromethane
 Concen: 51.577 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

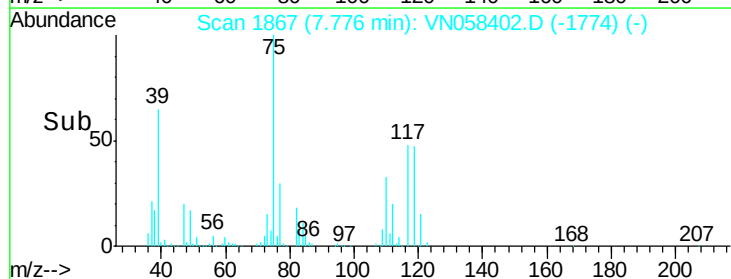
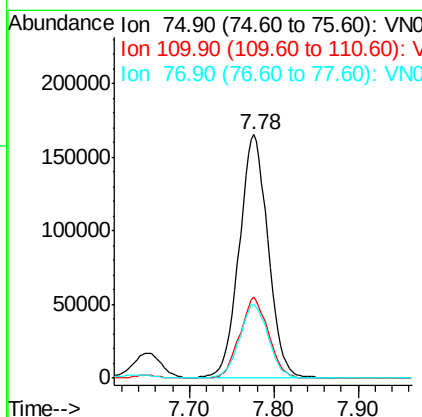
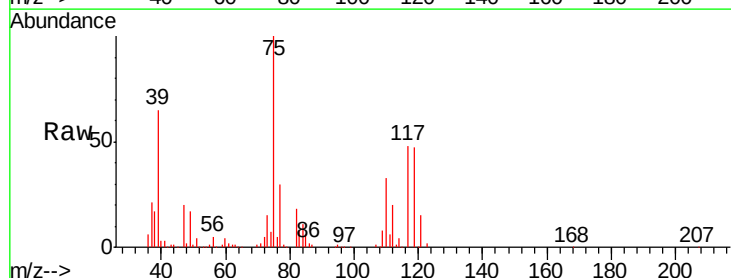
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

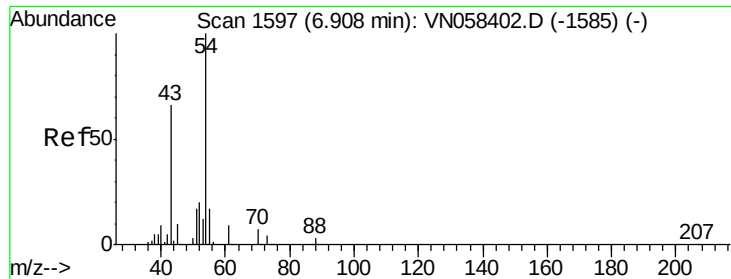
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.4	125.2
192	18.6	14.9	22.3



#36
 1,1-Dichloropropene
 Concen: 62.318 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.4	49.2
77	30.4	24.3	36.5

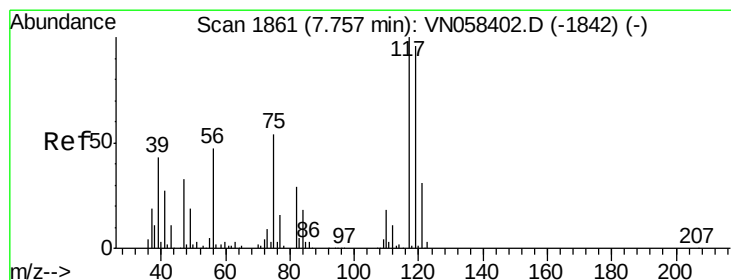
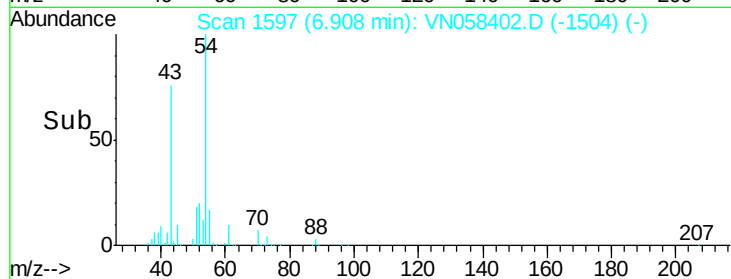
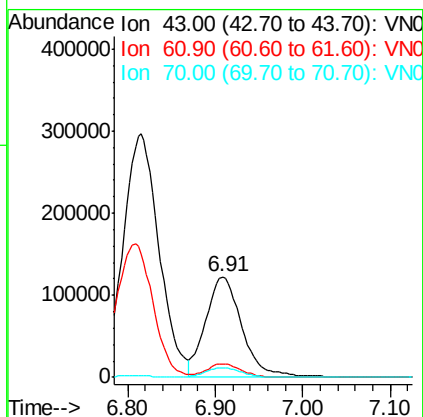
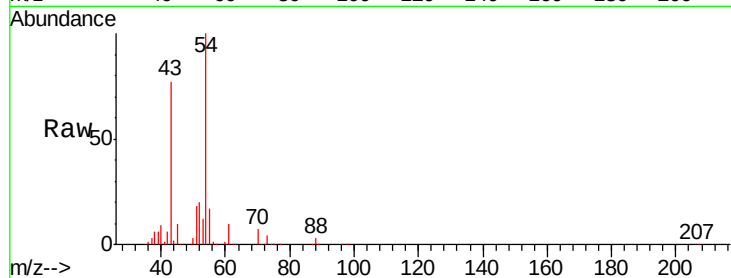




#37
Ethyl Acetate
Concen: 55.482 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

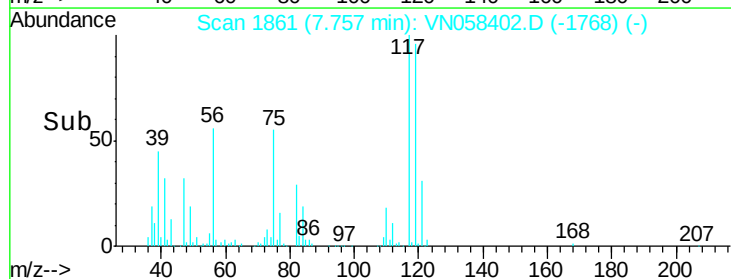
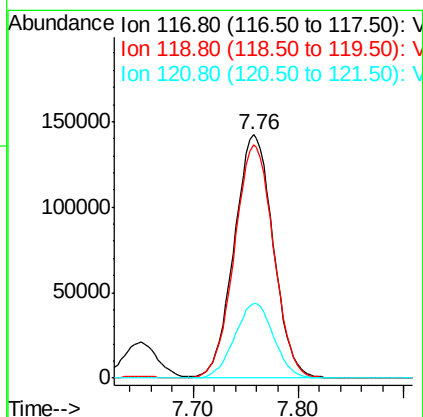
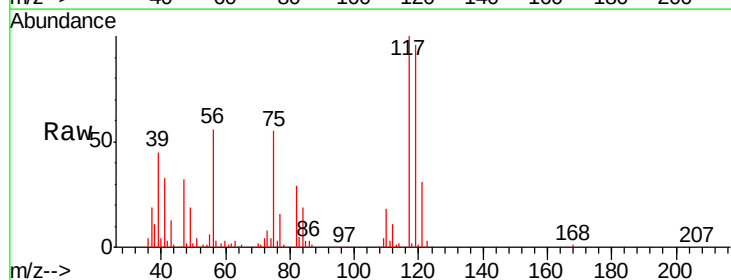
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

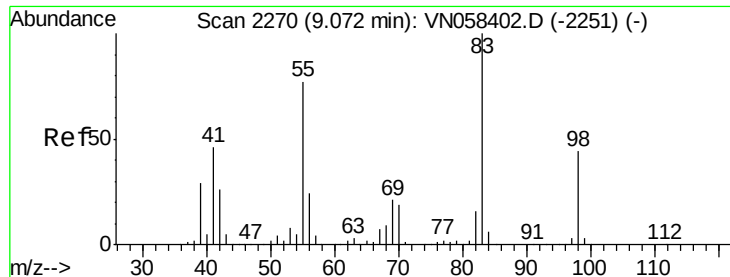
Tgt Ion: 43 Resp: 346437
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.7 7.8 11.6



#38
Carbon Tetrachloride
Concen: 58.882 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion: 117 Resp: 364178
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0
121 30.9 24.7 37.1

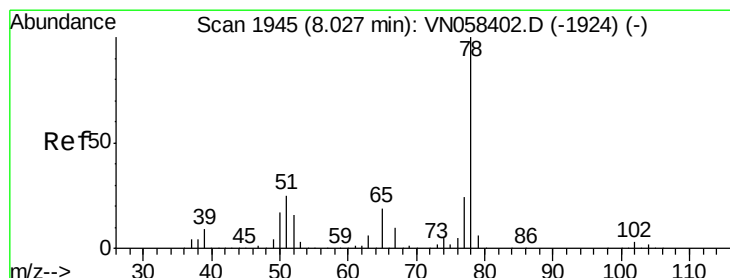
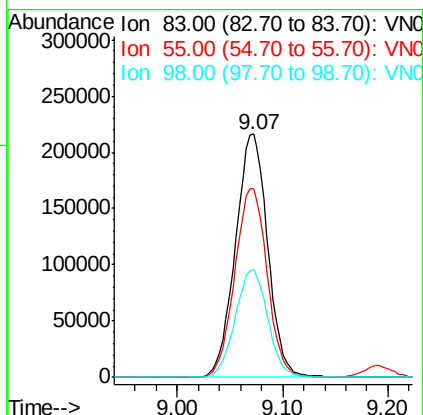
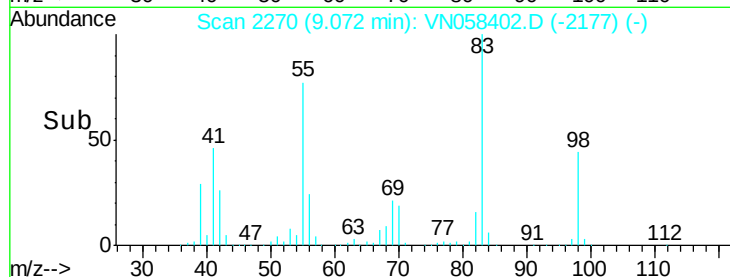
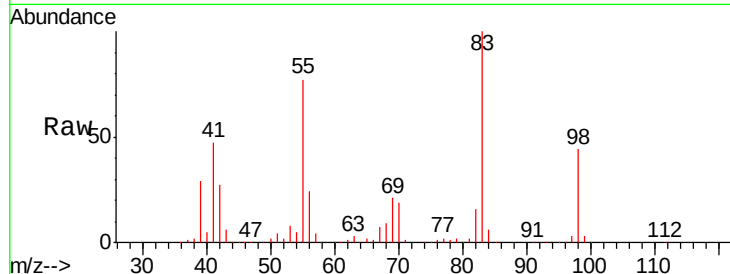




#39
Methylcyclohexane
Concen: 67.424 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

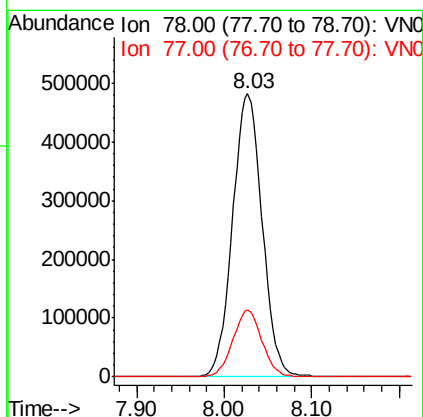
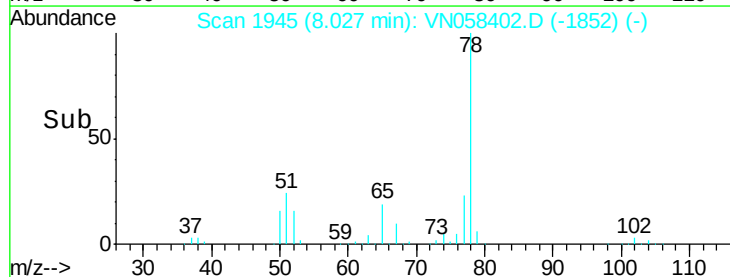
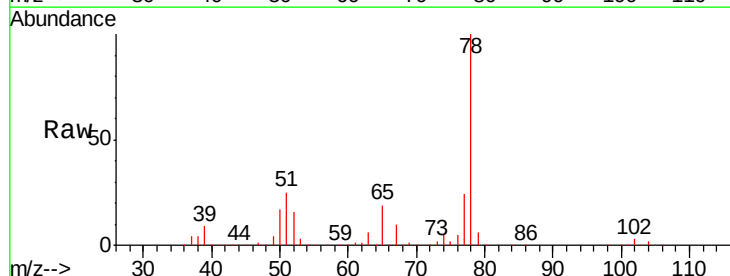
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

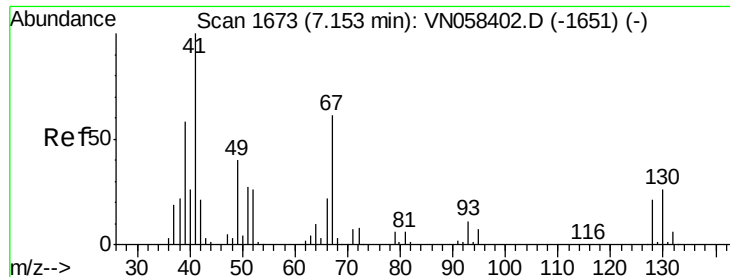
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.8	92.6
98	44.2	35.4	53.0



#40
Benzene
Concen: 59.853 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3

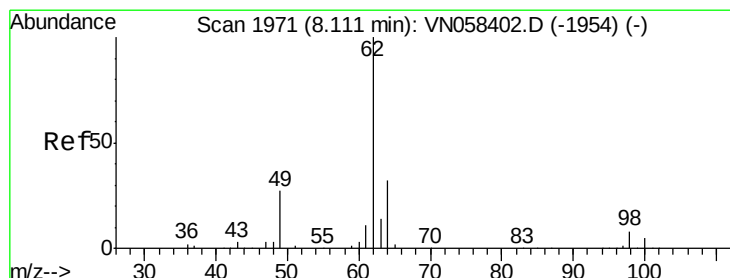
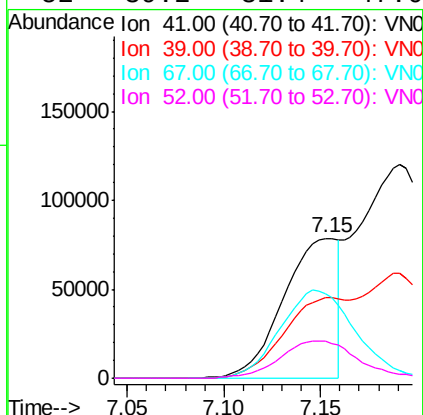
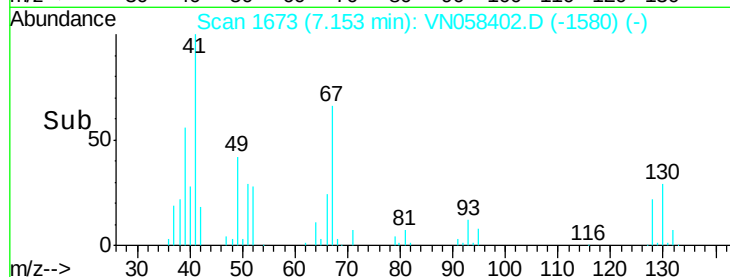
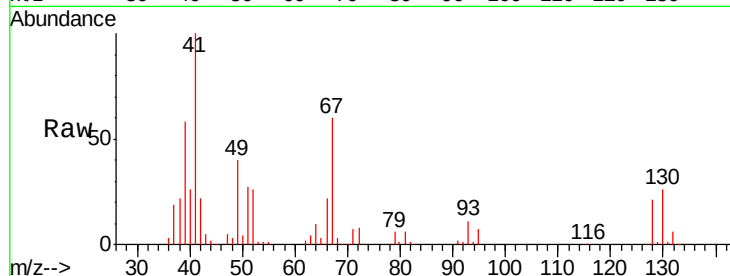




#41
Methacrylonitrile
Concen: 52.289 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

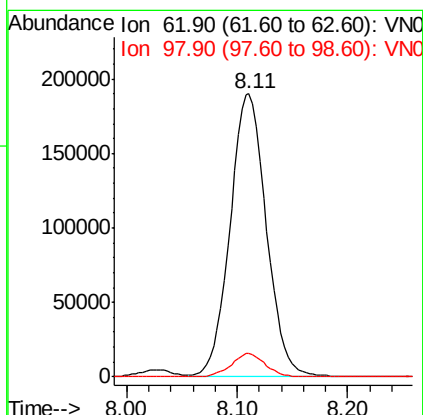
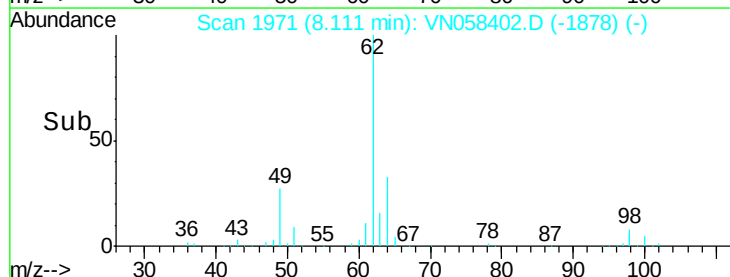
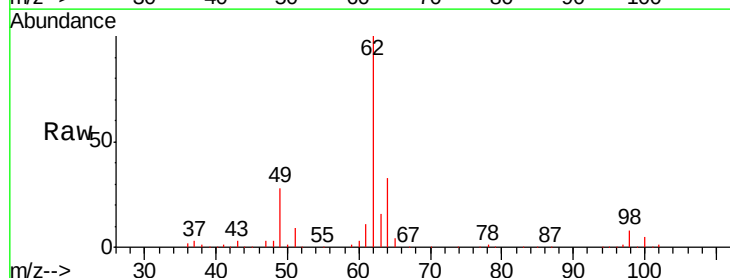
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

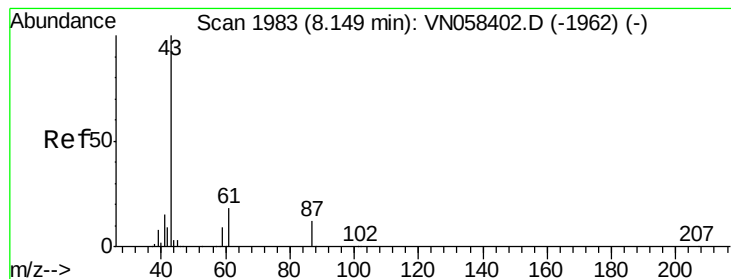
Tgt Ion: 41 Resp: 154242
Ion Ratio Lower Upper
41 100
39 62.8 50.2 75.4
67 87.8 70.2 105.4
52 39.2 31.4 47.0



#42
1,2-Dichloroethane
Concen: 55.355 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion: 62 Resp: 430526
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.6





#43

Isopropyl Acetate

Concen: 52.078 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

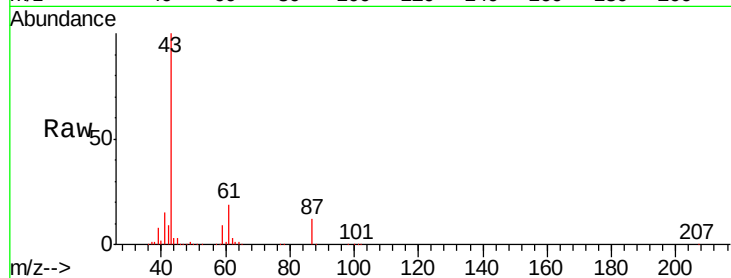
Tgt Ion: 43 Resp: 603975

Ion Ratio Lower Upper

43 100

61 18.5 14.8 22.2

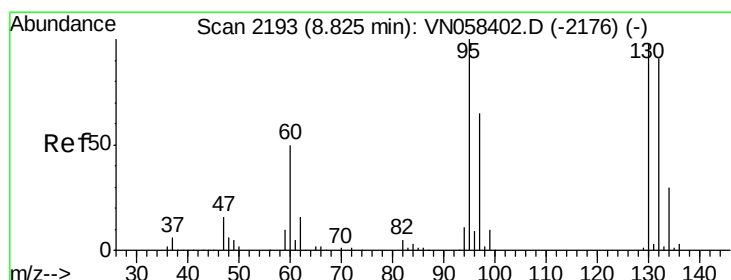
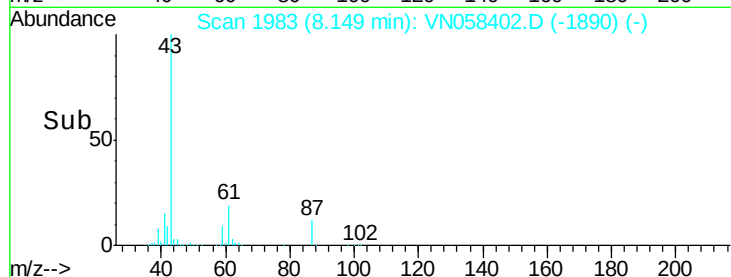
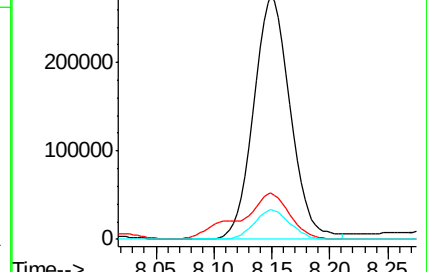
87 12.1 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN058402.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN058402.D (-1962) (-)



#44

Trichloroethene

Concen: 60.935 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058402.D

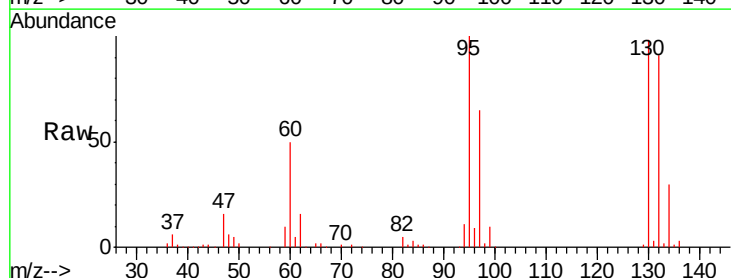
Acq: 27 Sep 2019 12:17

Tgt Ion: 130 Resp: 282180

Ion Ratio Lower Upper

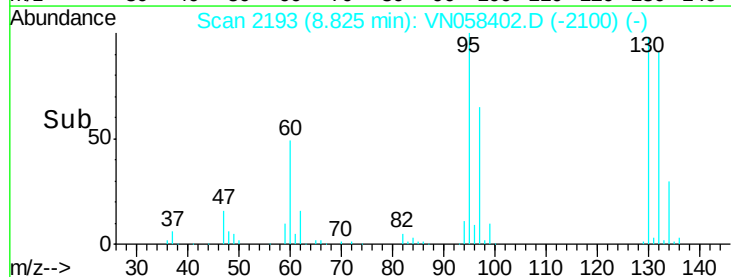
130 100

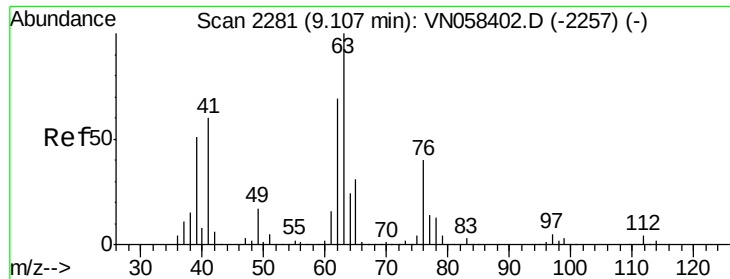
95 102.1 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058402.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058402.D (-2176) (-)

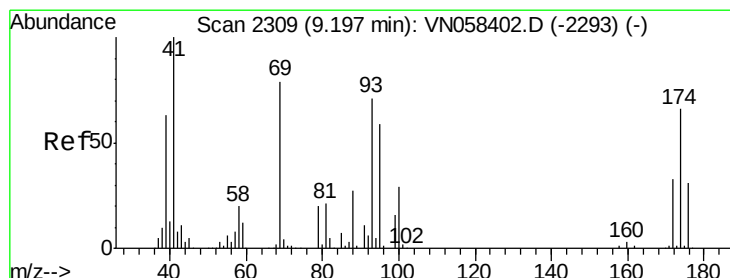
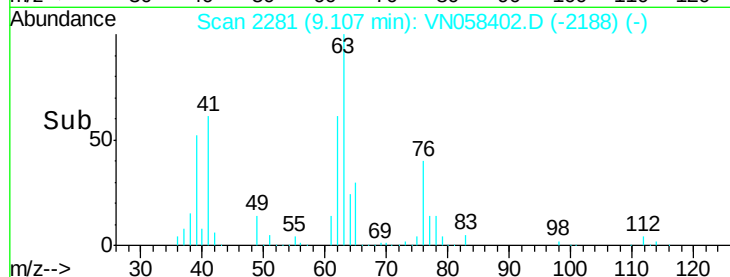
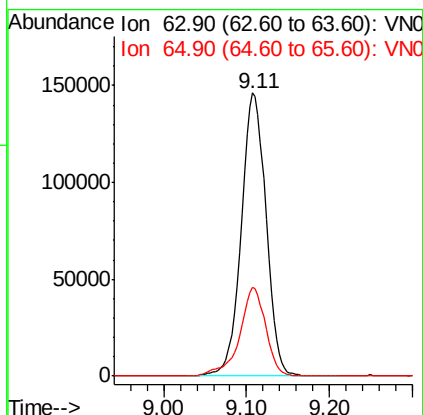
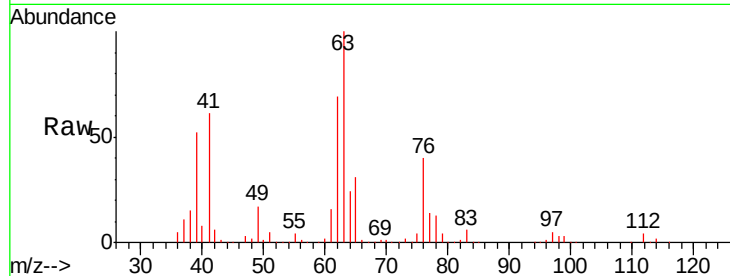




#45
 1,2-Dichloropropane
 Concen: 55.272 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

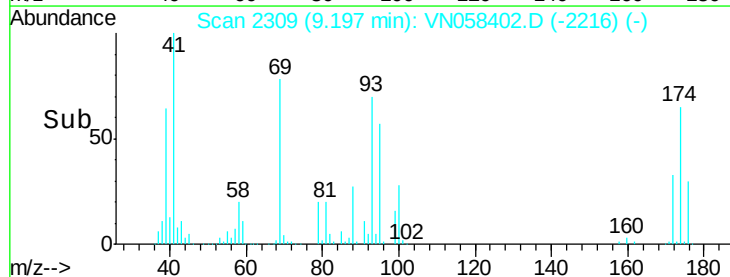
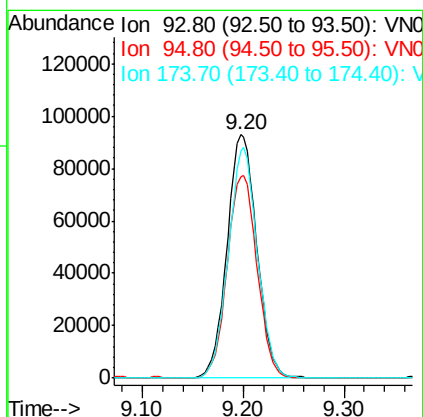
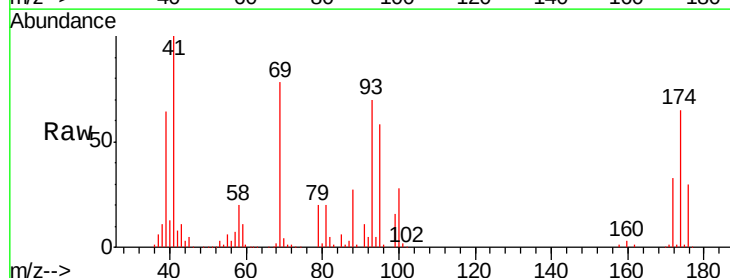
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

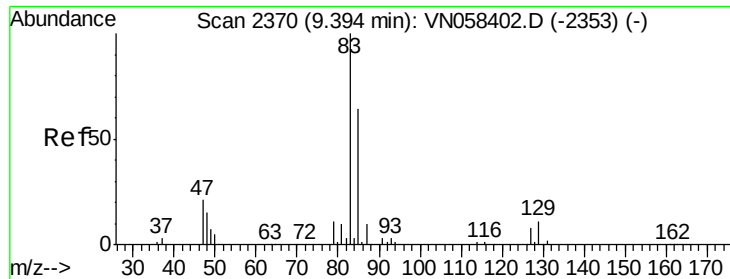
Tgt Ion: 63 Resp: 303820
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4



#46
 Dibromomethane
 Concen: 56.738 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

Tgt Ion: 93 Resp: 191169
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.4
 174 92.7 74.2 111.2





#47

Bromodichloromethane

Concen: 54.483 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

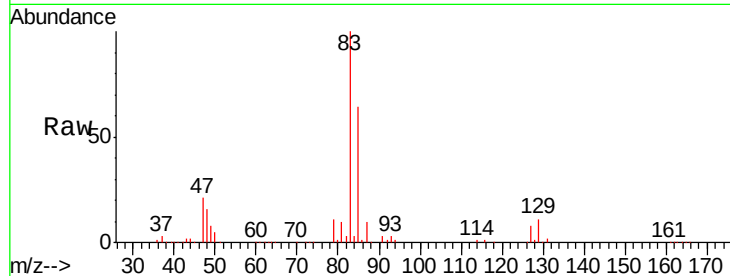
Tgt Ion: 83 Resp: 377833

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

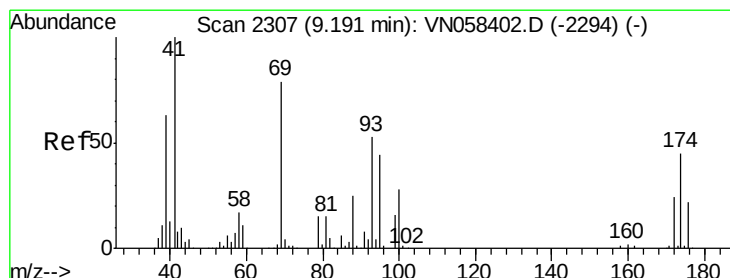
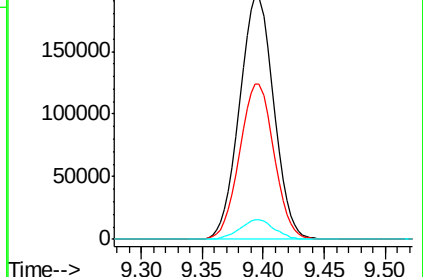
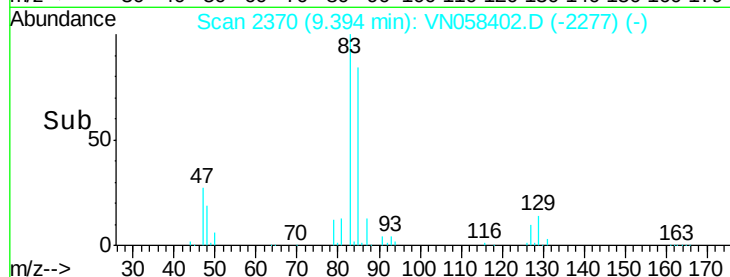
127 7.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 54.501 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

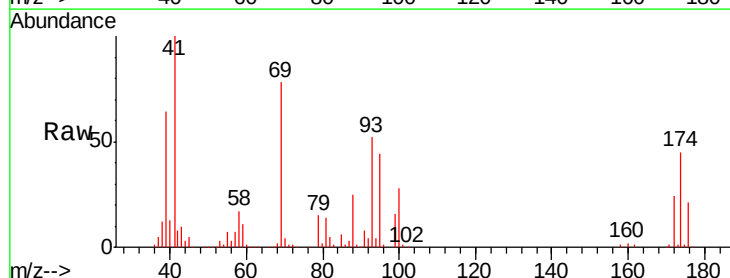
Tgt Ion: 41 Resp: 286613

Ion Ratio Lower Upper

41 100

69 80.9 64.7 97.1

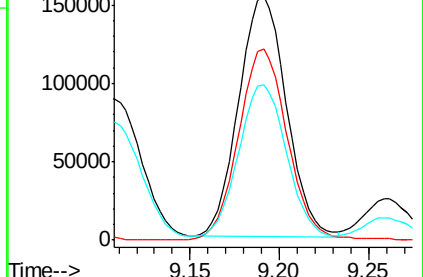
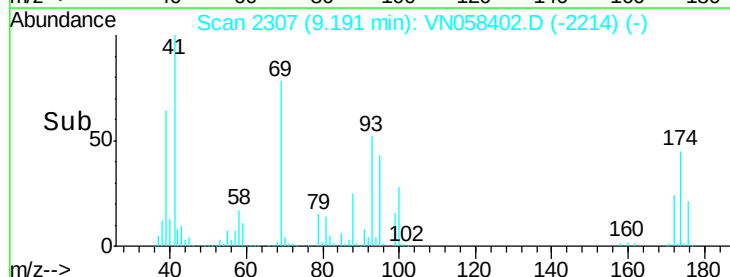
39 66.1 52.9 79.3

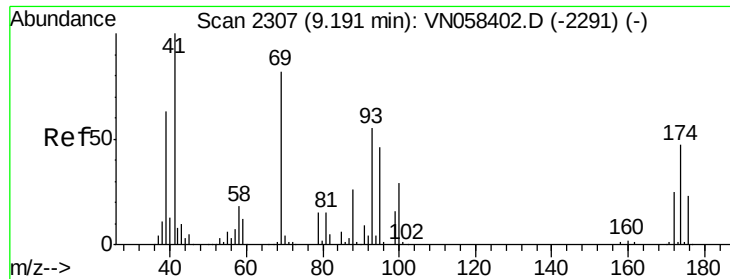


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

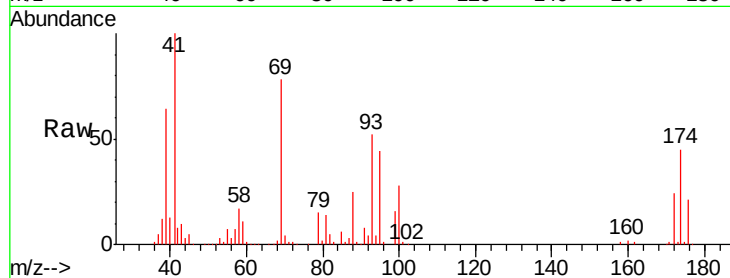




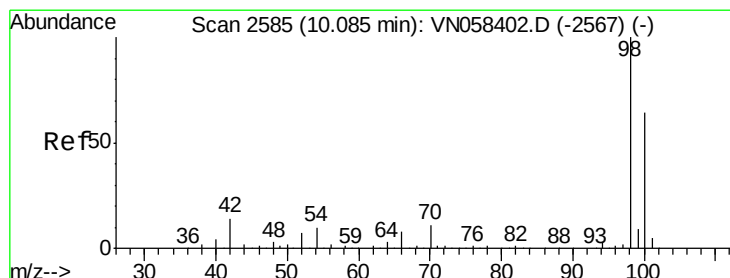
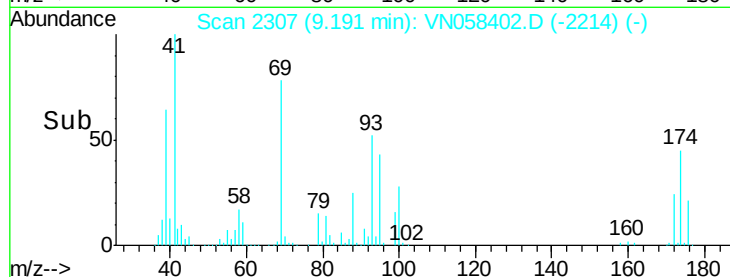
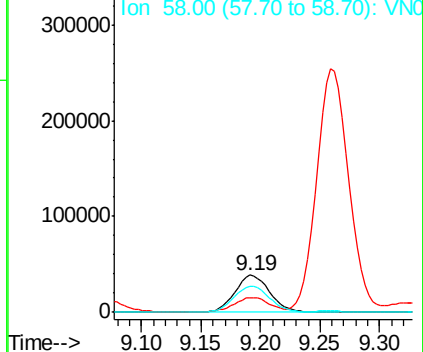
#49
1,4-Dioxane
Concen: 951.114 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 79356
Ion Ratio Lower Upper
88 100
43 38.9 31.1 46.7
58 72.6 58.1 87.1

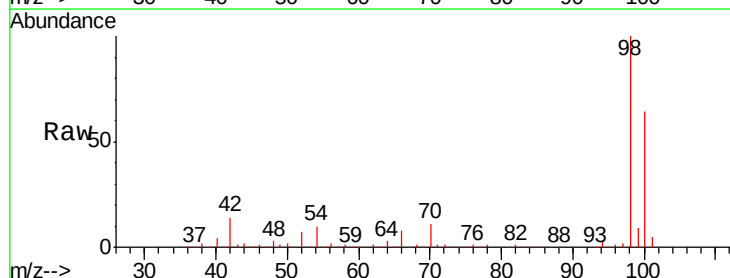


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

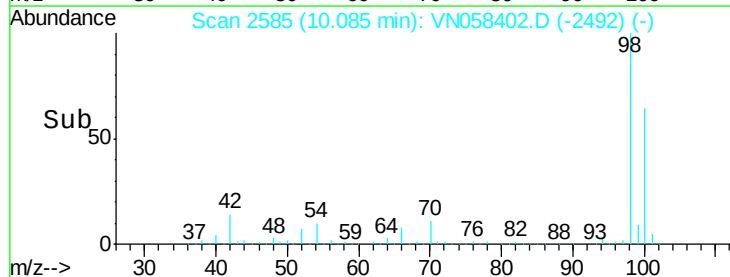
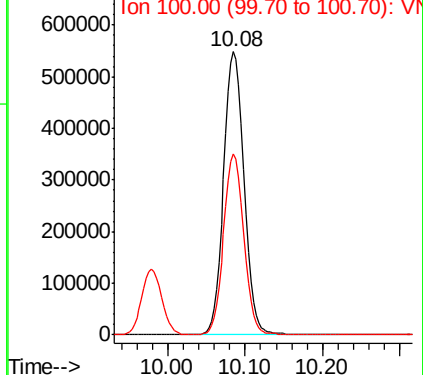


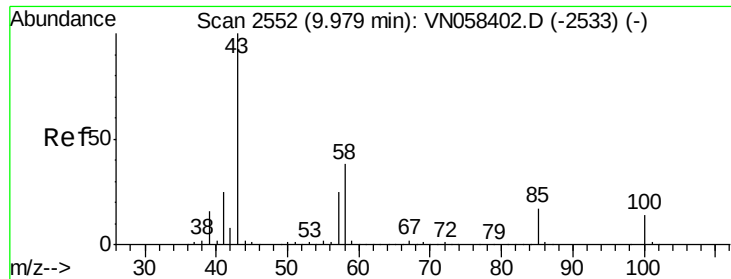
#50
Toluene-d8
Concen: 52.254 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion: 98 Resp: 1006943
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6



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: 279.394 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

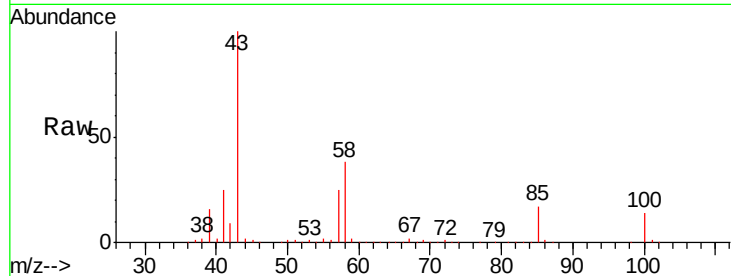
VSTDICCC050

Tgt Ion: 43 Resp: 1702257

Ion Ratio Lower Upper

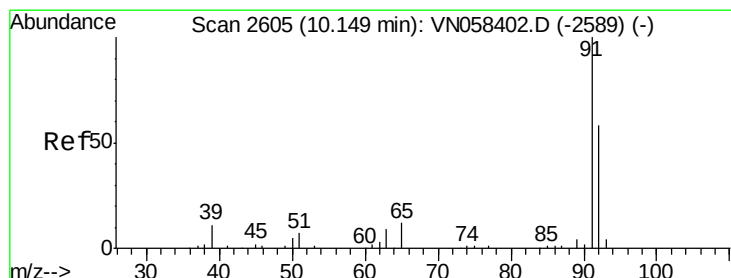
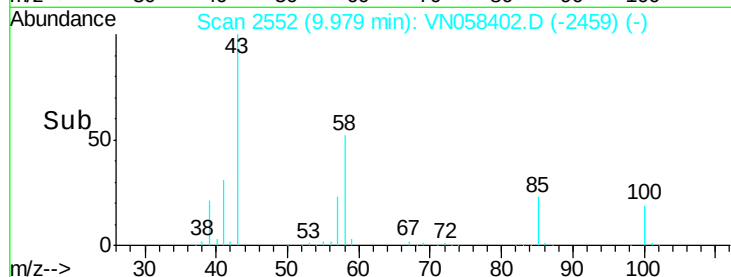
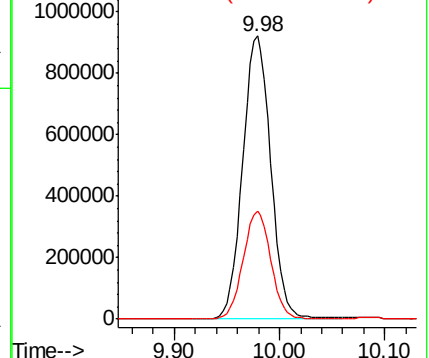
43 100

58 37.7 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 59.132 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058402.D

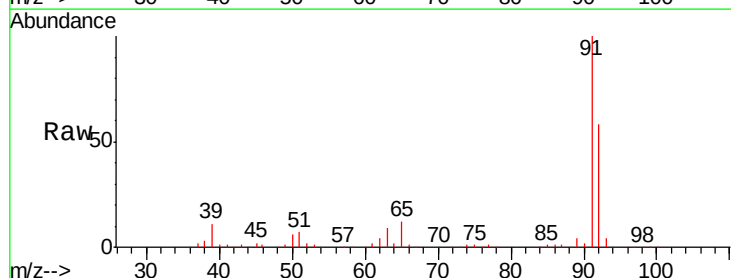
Acq: 27 Sep 2019 12:17

Tgt Ion: 92 Resp: 694976

Ion Ratio Lower Upper

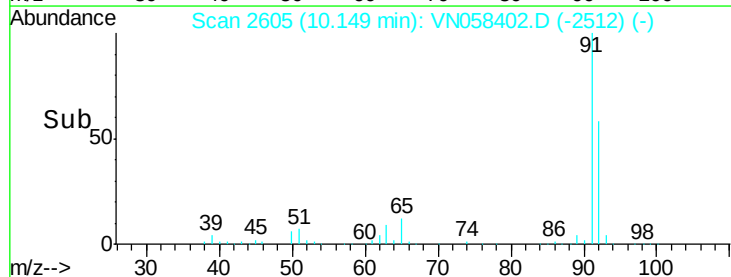
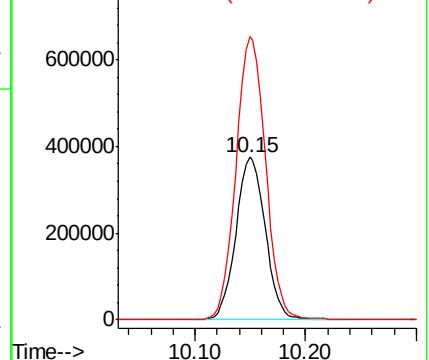
92 100

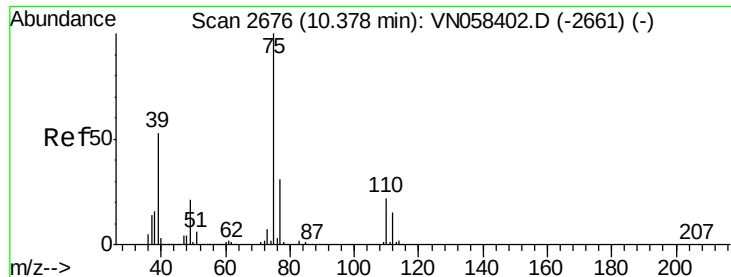
91 175.3 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 59.600 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampled :

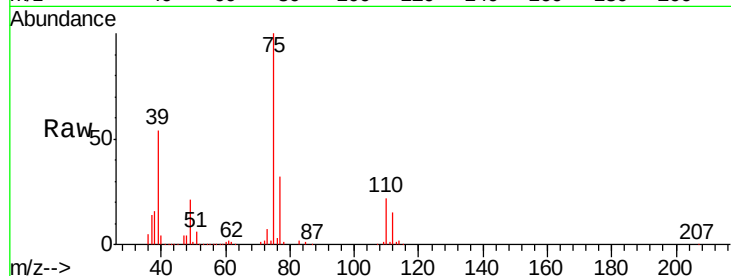
VSTDICCC050

Tgt Ion: 75 Resp: 429416

Ion Ratio Lower Upper

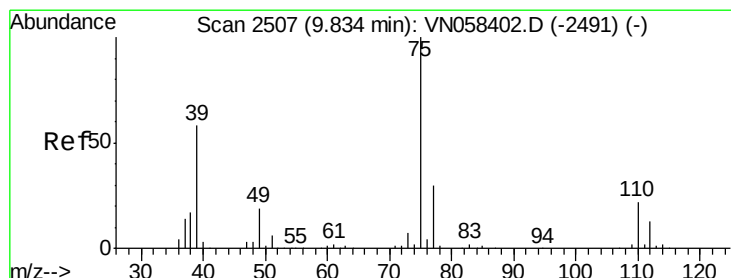
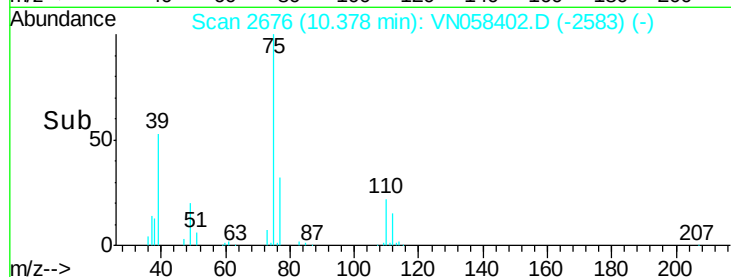
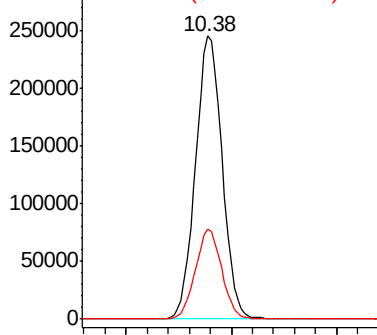
75 100

77 31.5 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 59.030 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

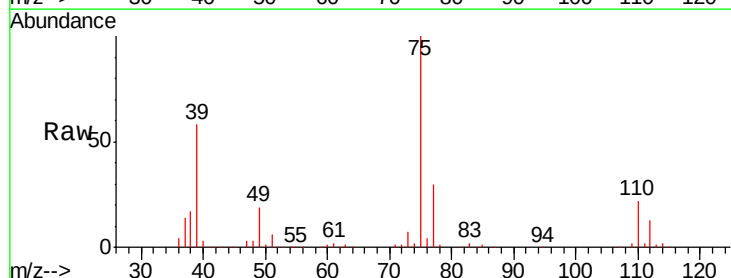
Tgt Ion: 75 Resp: 470841

Ion Ratio Lower Upper

75 100

77 30.3 24.2 36.4

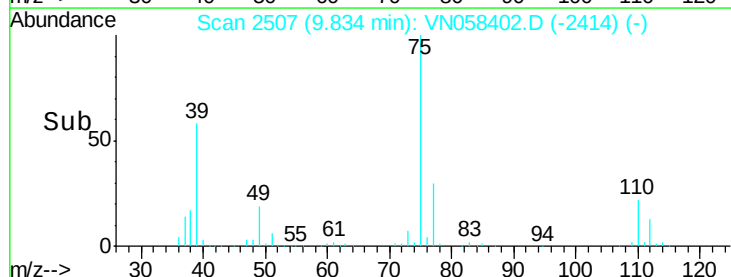
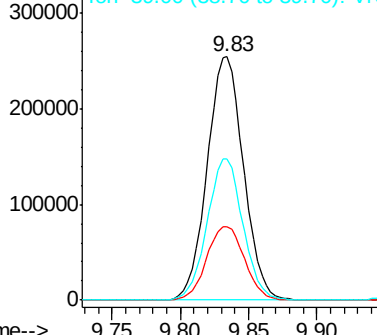
39 58.0 46.4 69.6

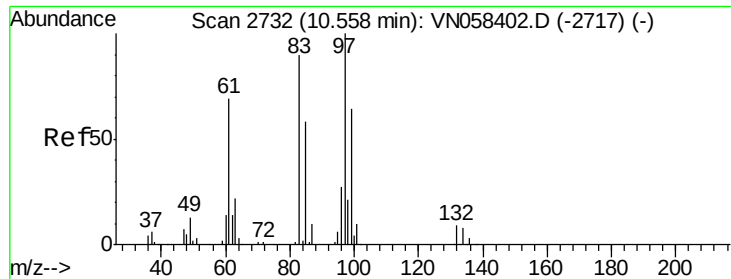


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 52.053 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 262359

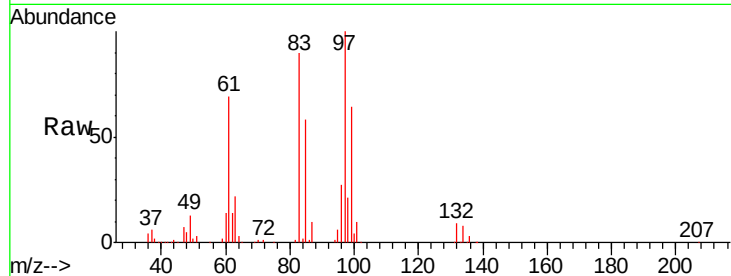
Ion Ratio Lower Upper

97 100

83 89.7 71.8 107.6

85 58.2 46.6 69.8

99 64.4 51.5 77.3

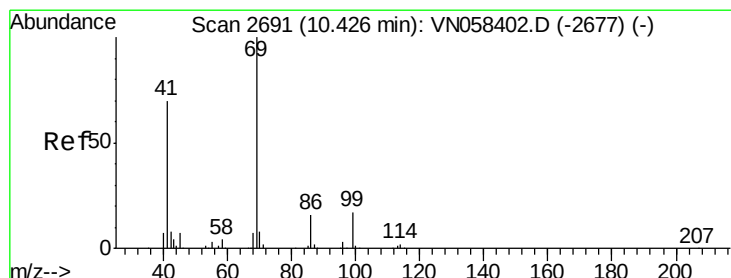
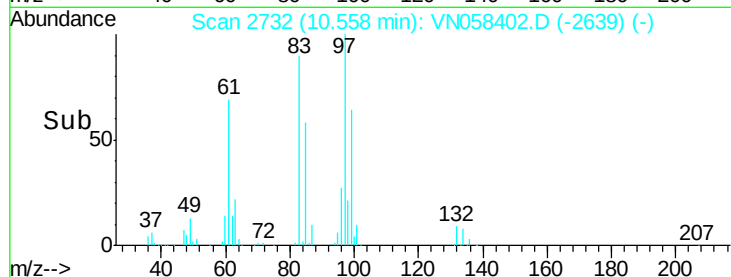
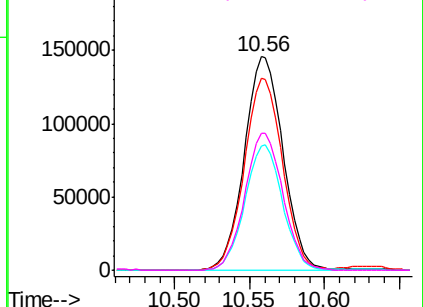


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 56.443 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

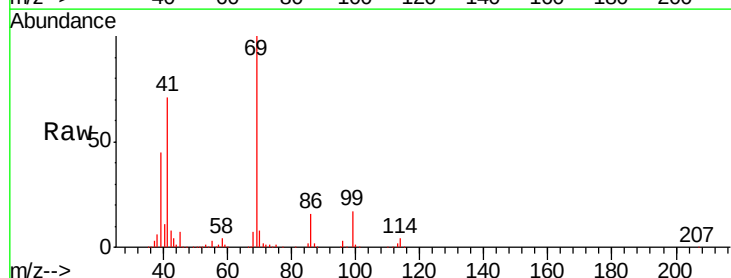
Tgt Ion: 69 Resp: 413320

Ion Ratio Lower Upper

69 100

41 70.4 56.3 84.5

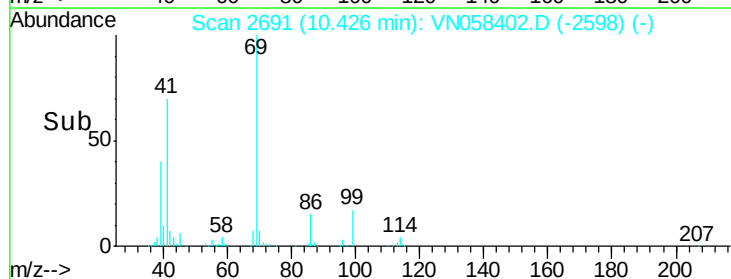
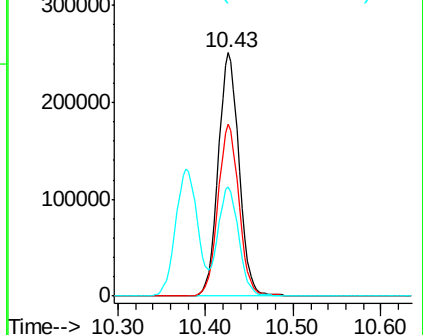
39 44.7 35.8 53.6

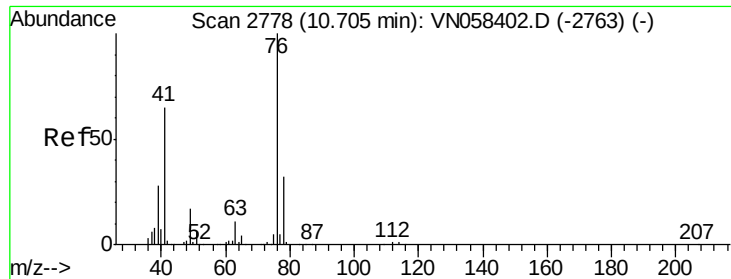


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

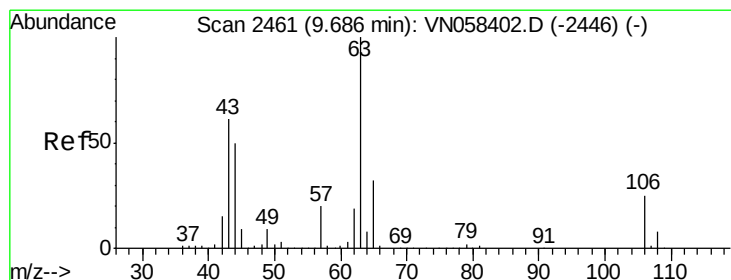
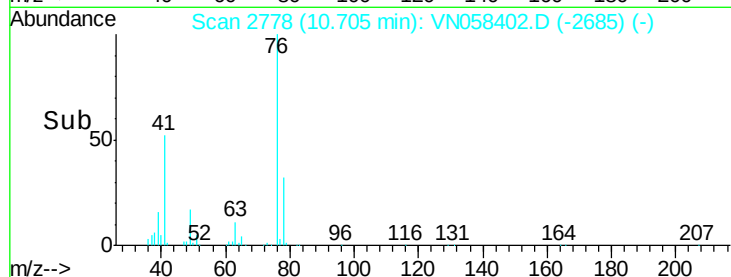
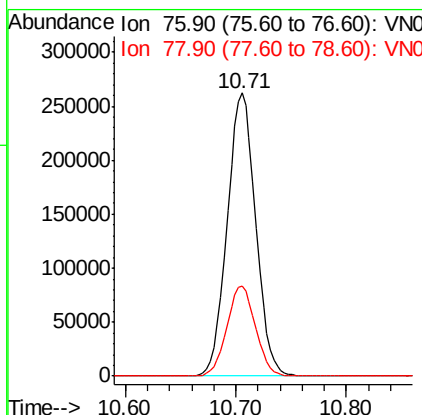
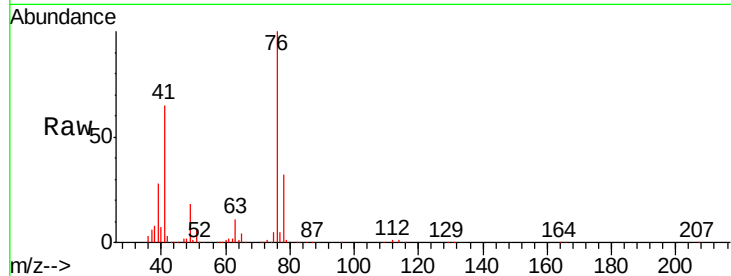




#57
 1,3-Dichloropropane
 Concen: 53.698 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

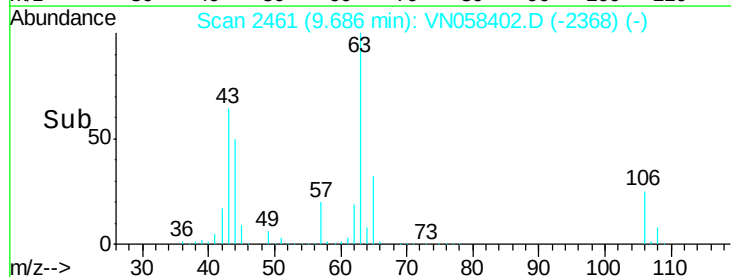
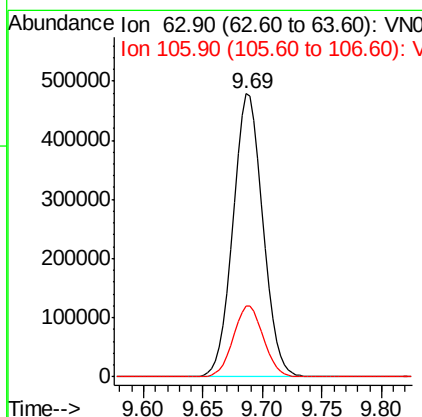
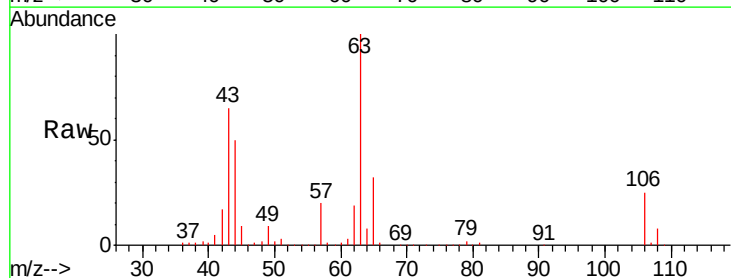
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

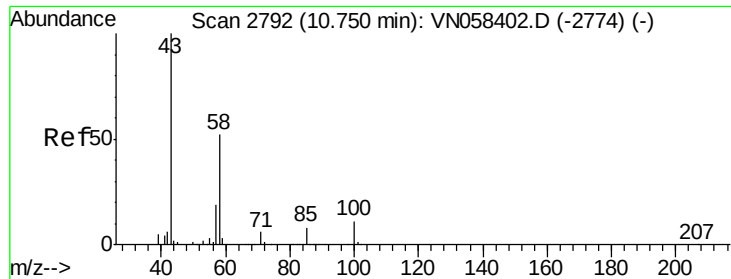
Tgt Ion: 76 Resp: 469018
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.695 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

Tgt Ion: 63 Resp: 833528
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.3 30.5

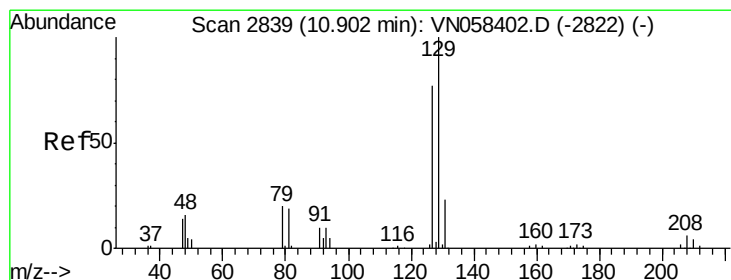
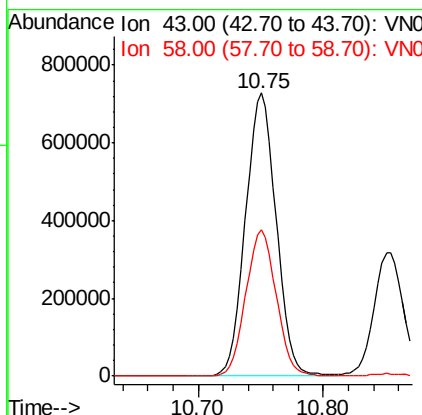
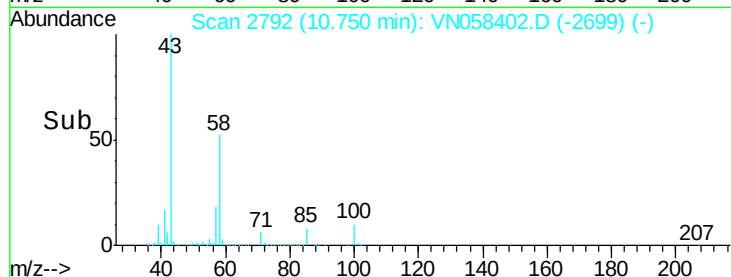
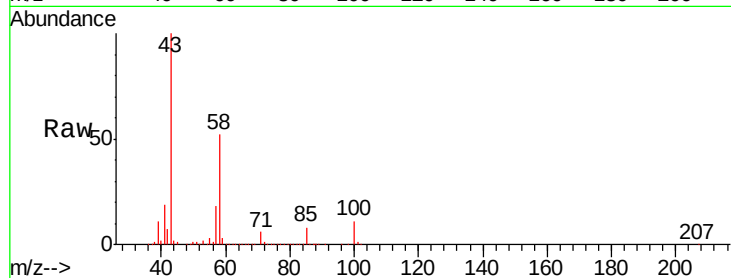




#59
2-Hexanone
Concen: 274.415 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

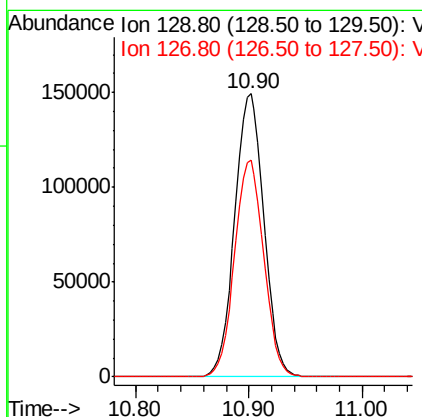
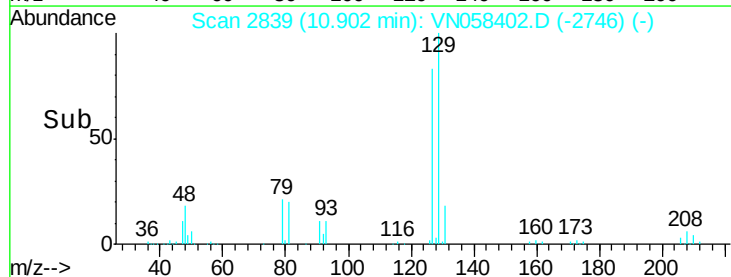
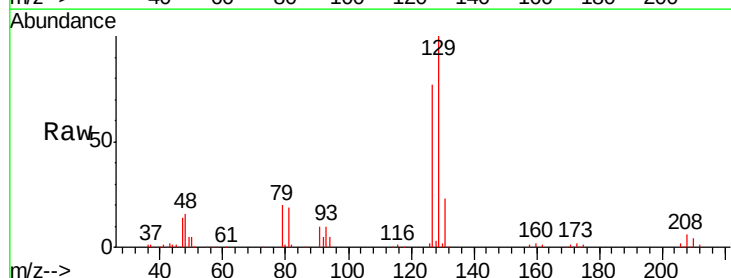
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

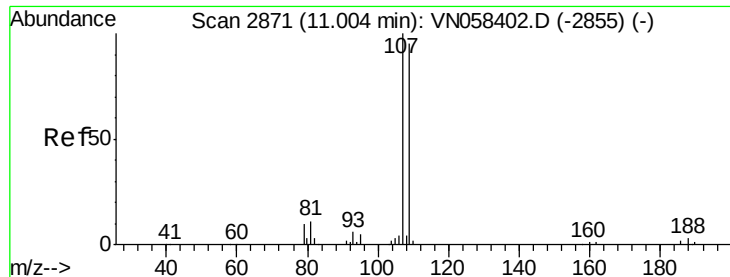
Tgt Ion: 43 Resp: 1238655
Ion Ratio Lower Upper
43 100
58 51.5 25.8 77.3



#60
Dibromochloromethane
Concen: 55.476 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion: 129 Resp: 269154
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8

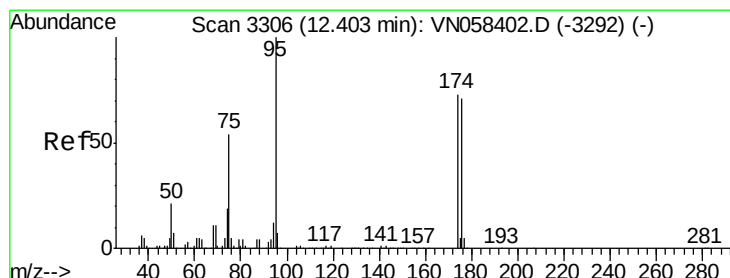
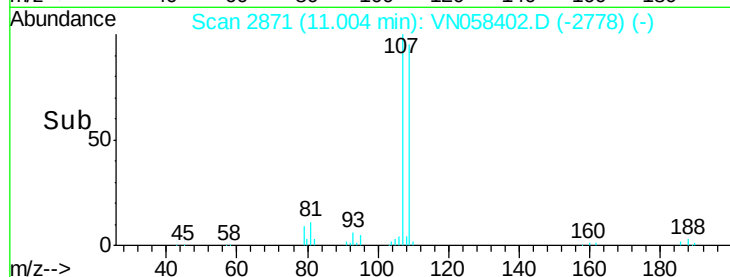
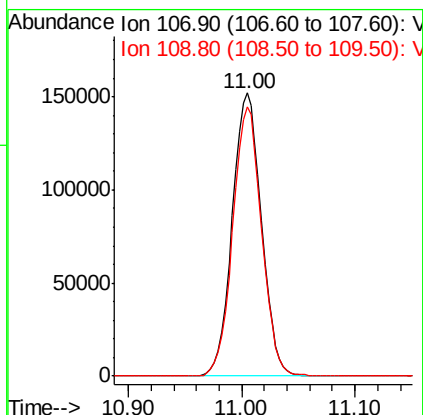
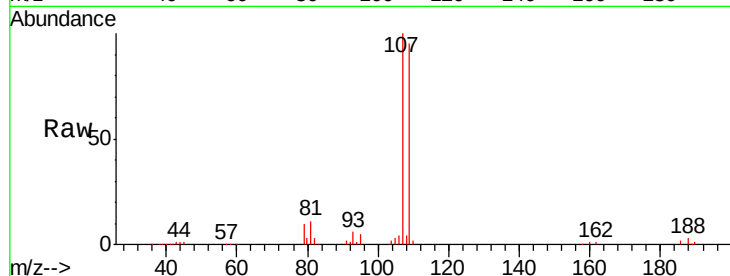




#61
 1,2-Dibromoethane
 Concen: 57.106 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

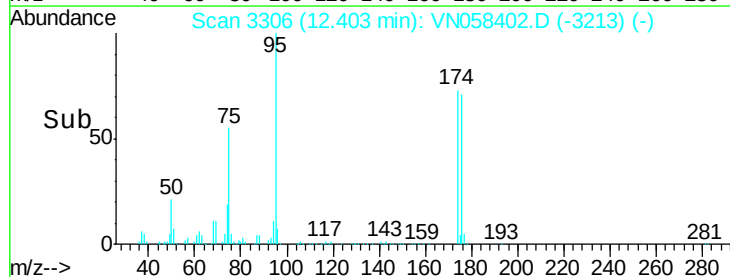
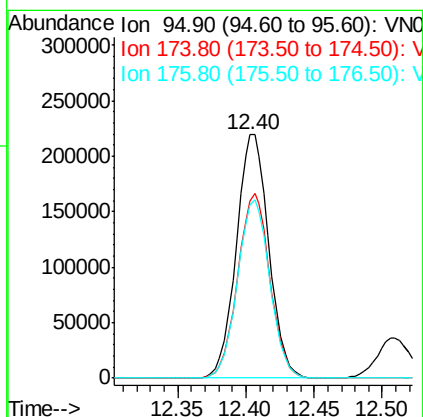
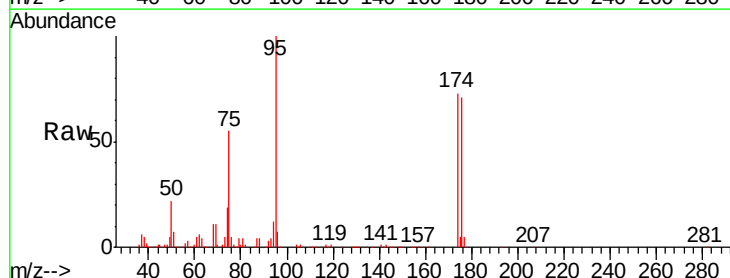
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

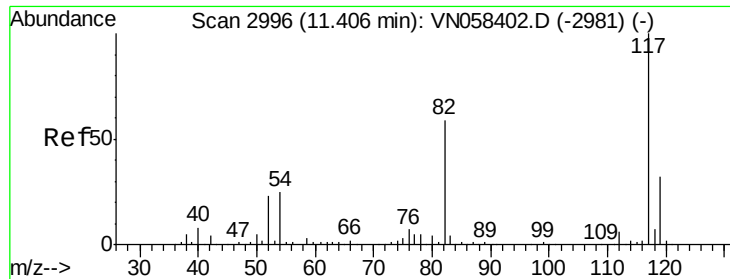
Tgt Ion: 107 Resp: 272185
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 50.649 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

Tgt Ion: 95 Resp: 361505
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.6
 176 73.1 0.0 146.2

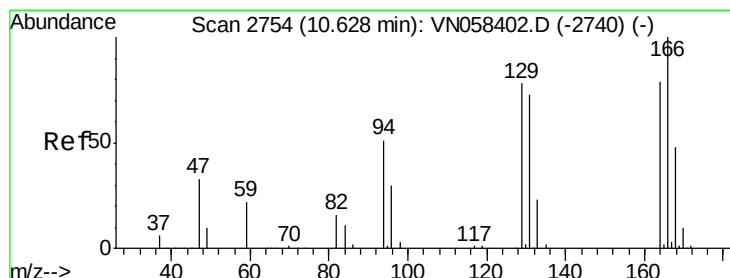
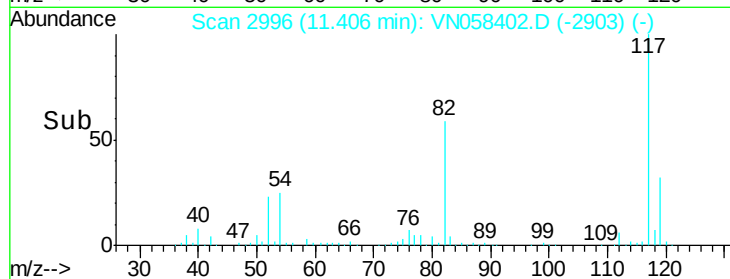
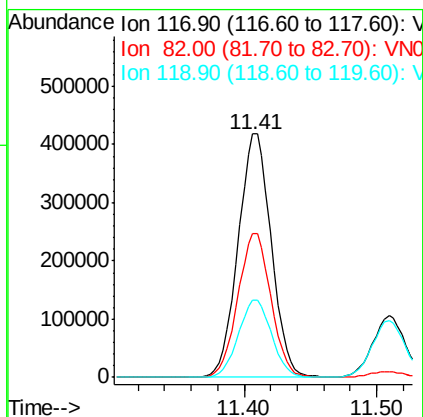
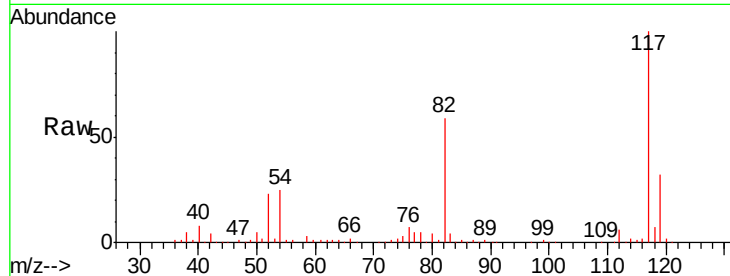




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

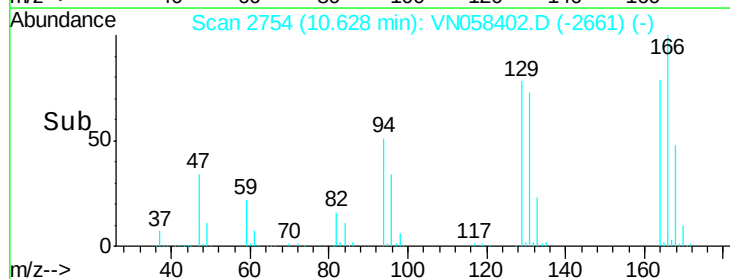
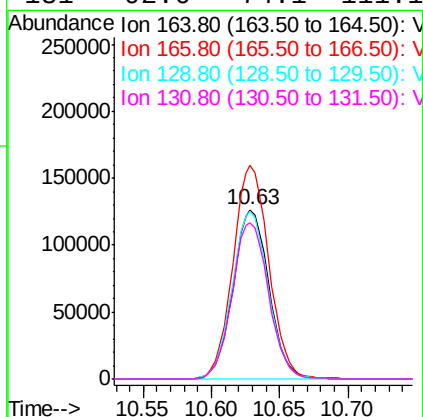
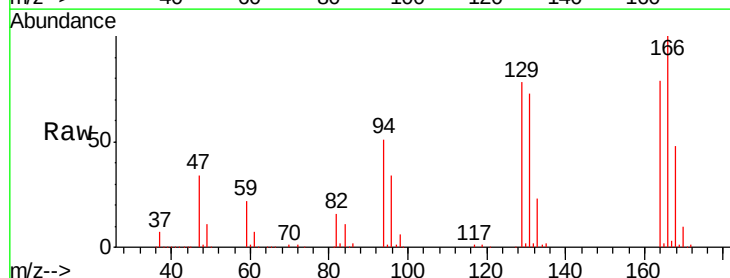
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

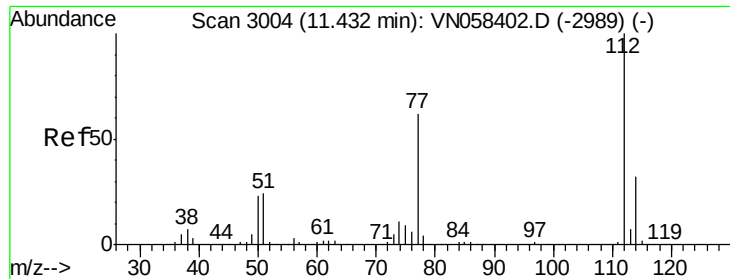
Tgt Ion:117 Resp: 727369
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.0
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 61.126 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion:164 Resp: 230189
Ion Ratio Lower Upper
164 100
166 126.4 101.1 151.7
129 99.0 79.2 118.8
131 92.6 74.1 111.1

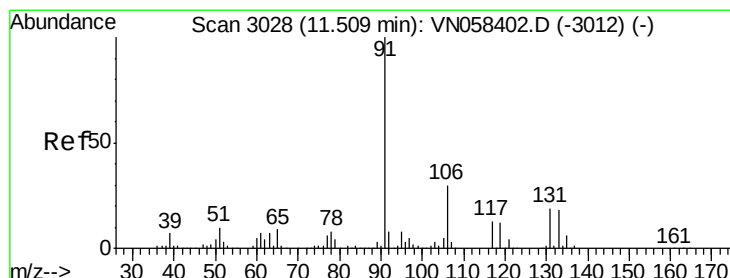
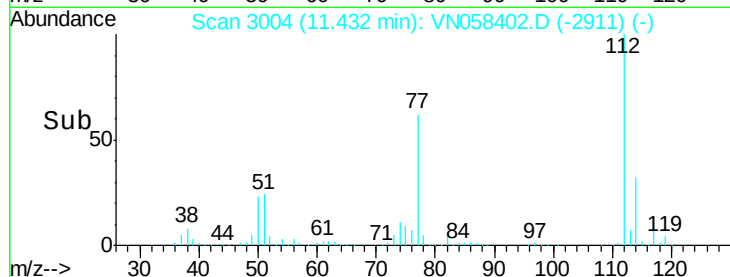
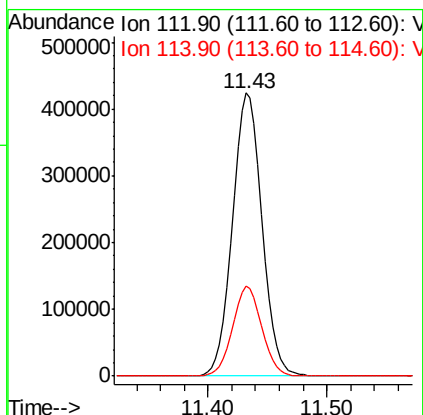
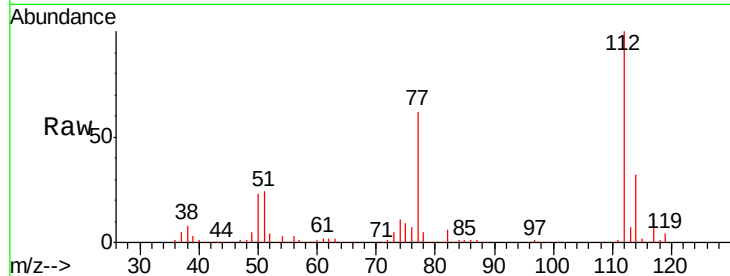




#65
Chlorobenzene
Concen: 55.238 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

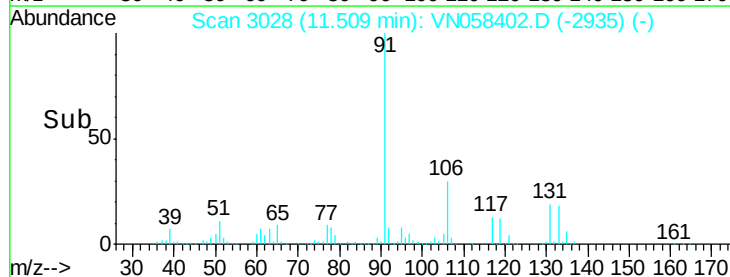
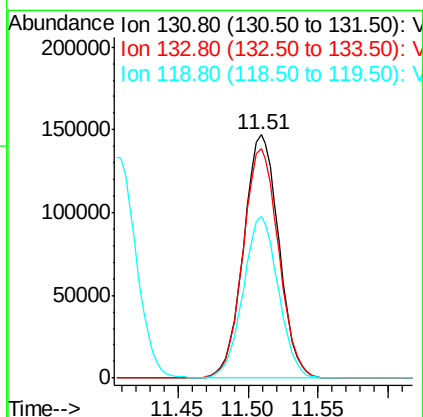
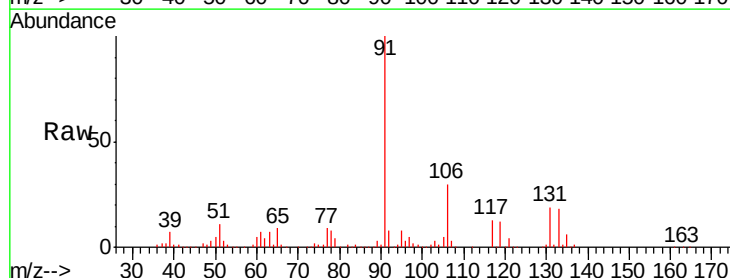
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

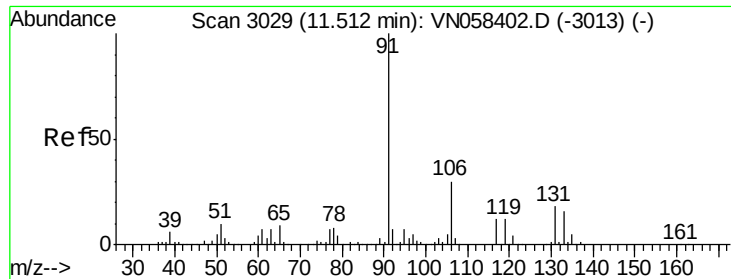
Tgt Ion:112 Resp: 728184
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.726 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion:131 Resp: 257570
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 66.0 33.0 99.0

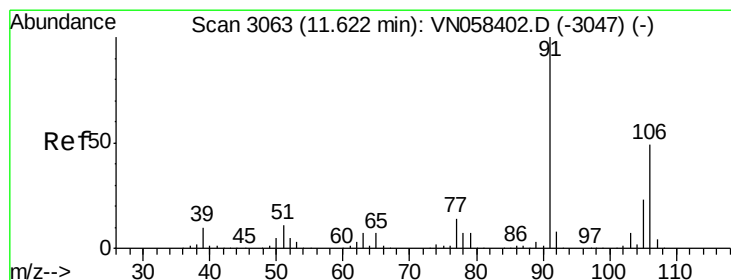
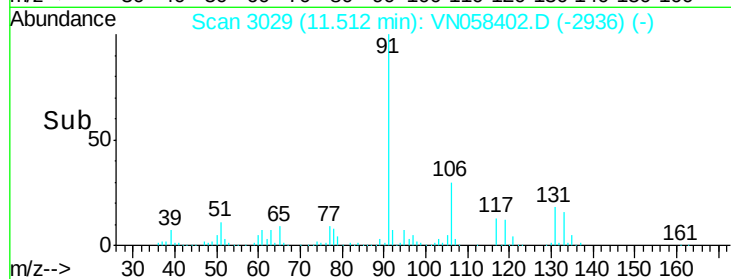
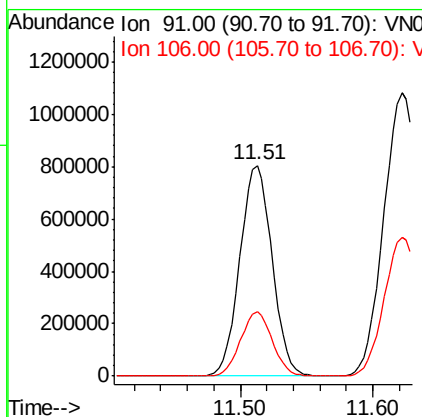
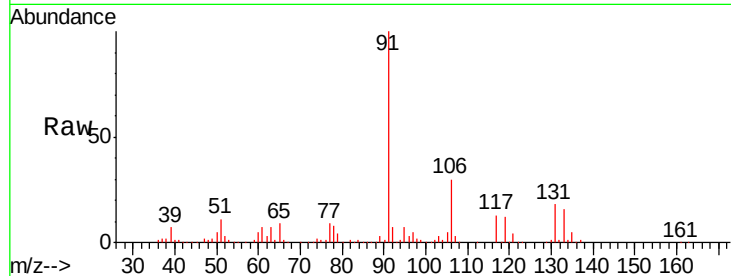




#67
Ethyl Benzene
Concen: 59.628 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

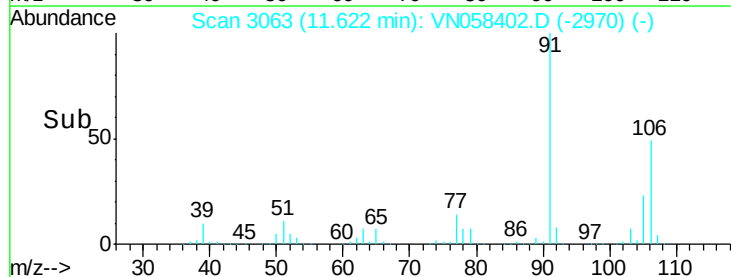
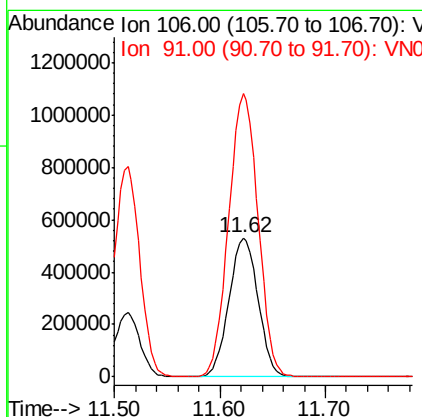
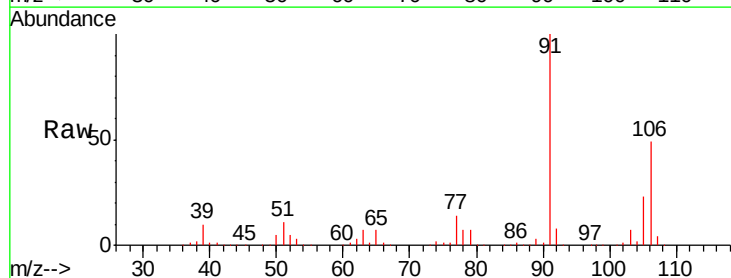
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

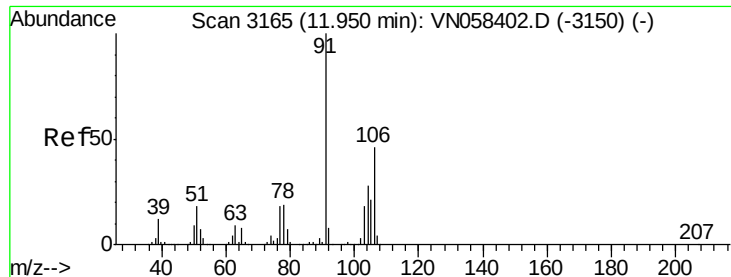
Tgt Ion: 91 Resp: 1358071
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 117.644 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion: 106 Resp: 1010459
Ion Ratio Lower Upper
106 100
91 206.2 165.0 247.4

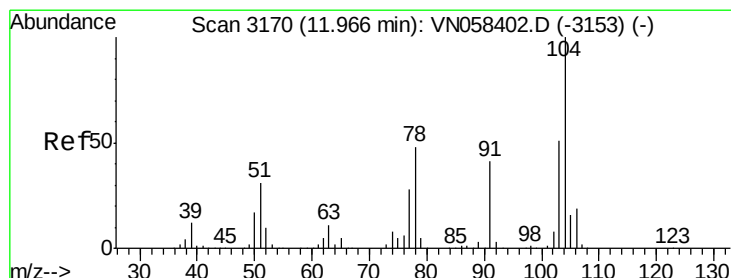
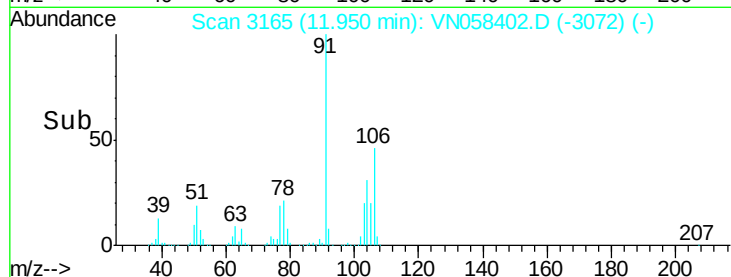
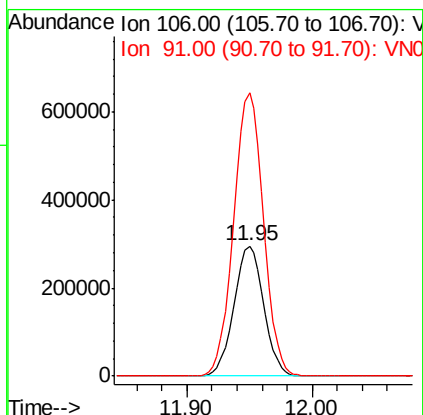
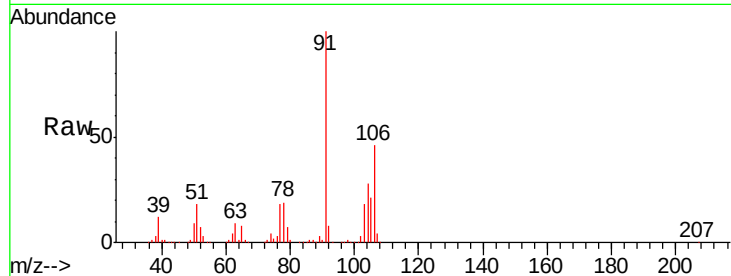




#69
o-Xylene
Concen: 57.832 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

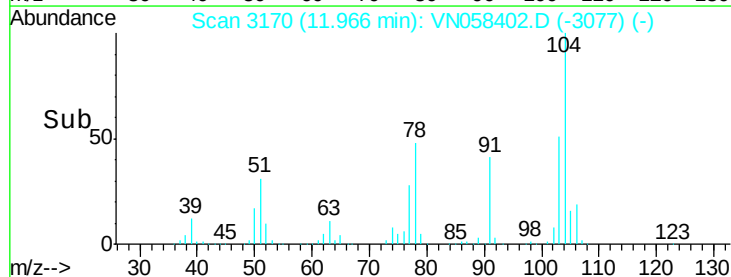
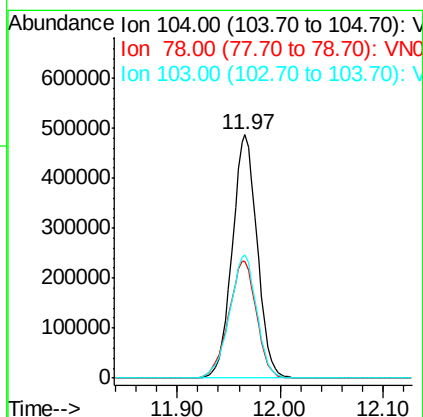
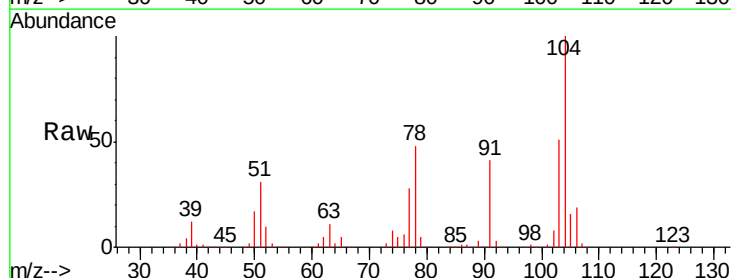
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

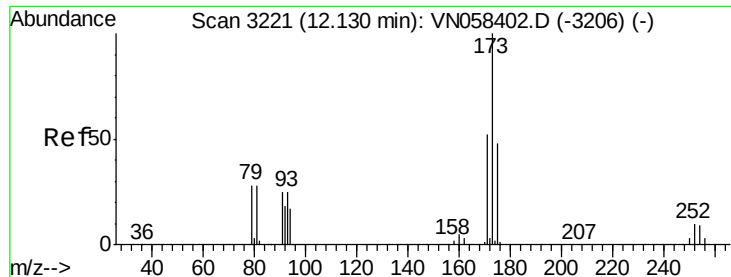
Tgt Ion:106 Resp: 485893
Ion Ratio Lower Upper
106 100
91 218.3 109.1 327.4



#70
Styrene
Concen: 57.256 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058402.D
Acq: 27 Sep 2019 12:17

Tgt Ion:104 Resp: 819843
Ion Ratio Lower Upper
104 100
78 53.5 42.8 64.2
103 54.6 43.7 65.5





#71

Bromoform

Concen: 55.187 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

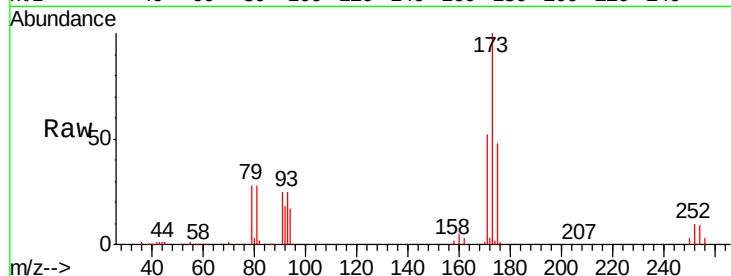
Tgt Ion:173 Resp: 163527

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

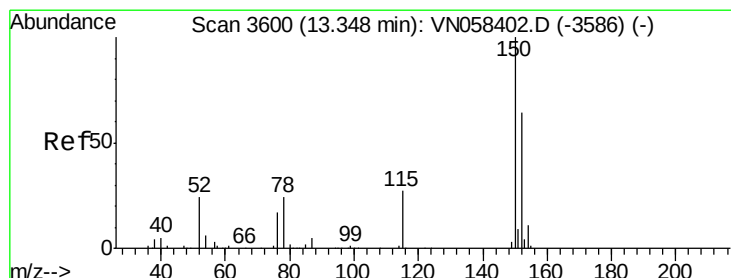
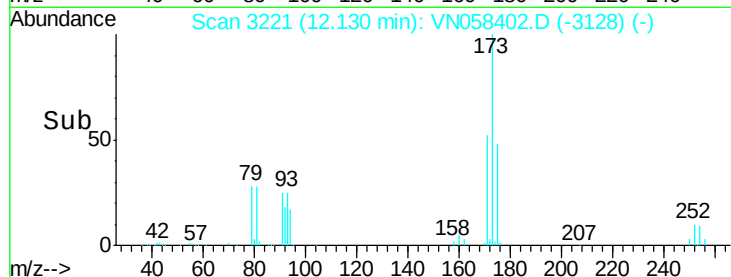
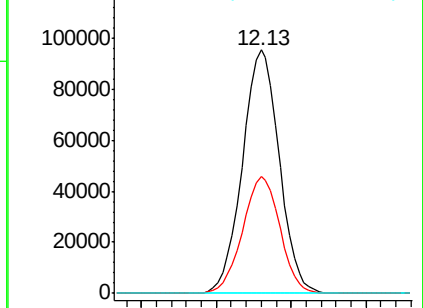
254 0.1 0.1 0.1#



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

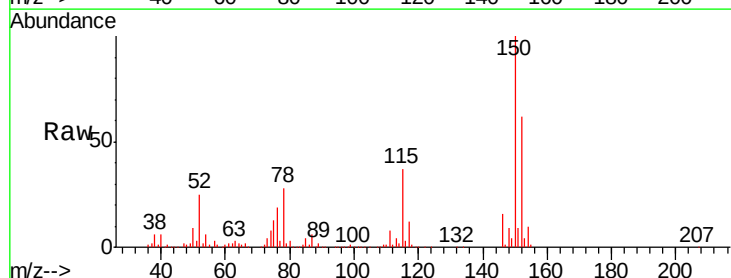
Tgt Ion:152 Resp: 348098

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

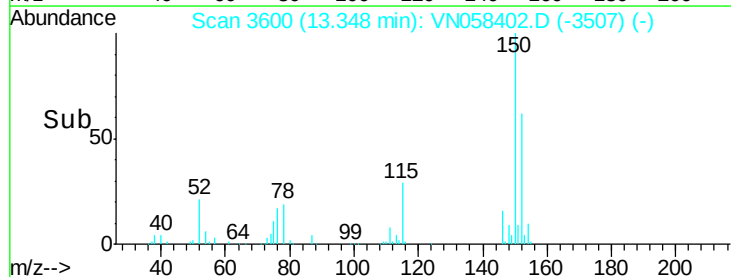
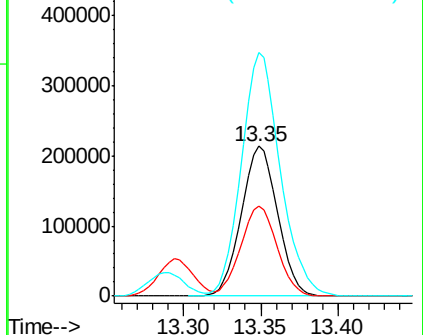
150 174.1 0.0 348.2

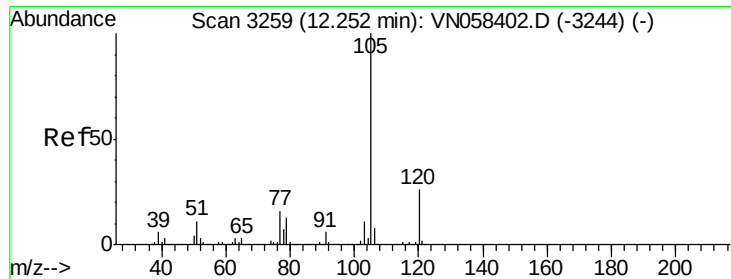


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 58.335 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

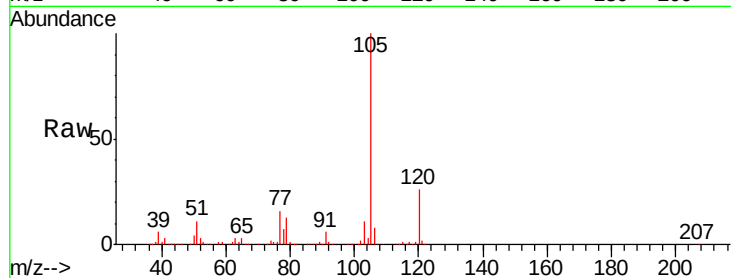
VSTDICCC050

Tgt Ion:105 Resp: 1314100

Ion Ratio Lower Upper

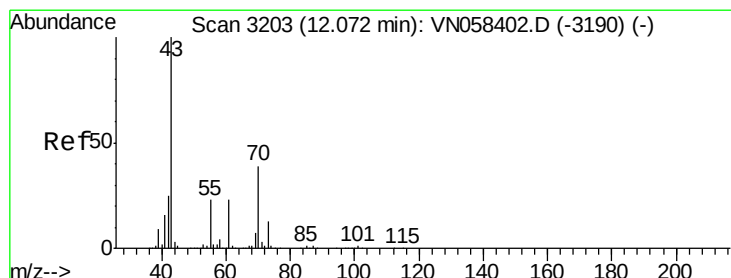
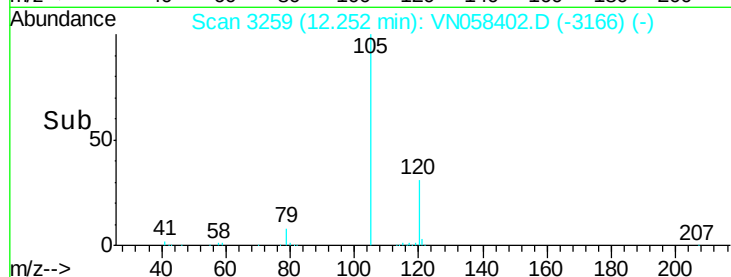
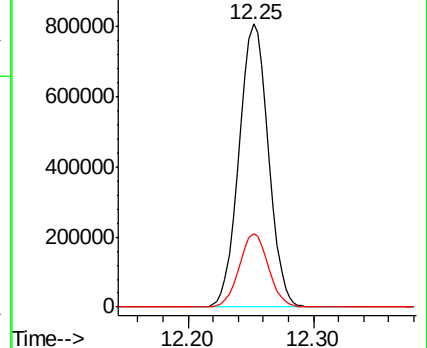
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.426 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Tgt Ion: 43 Resp: 534826

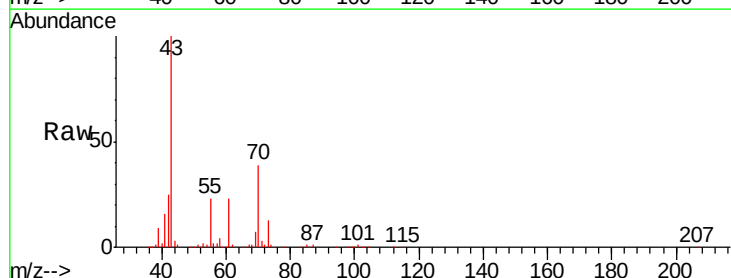
Ion Ratio Lower Upper

43 100

70 39.3 31.4 47.2

55 22.8 18.2 27.4

61 22.9 18.3 27.5

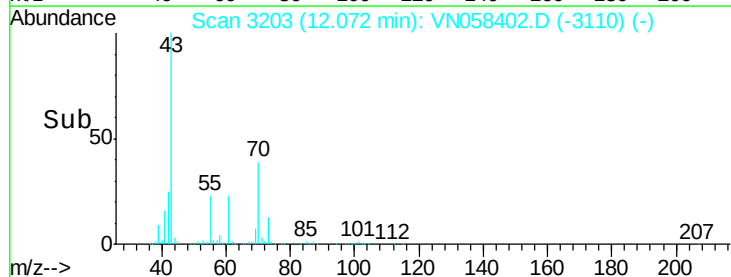
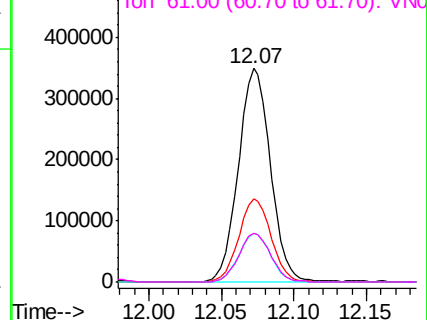


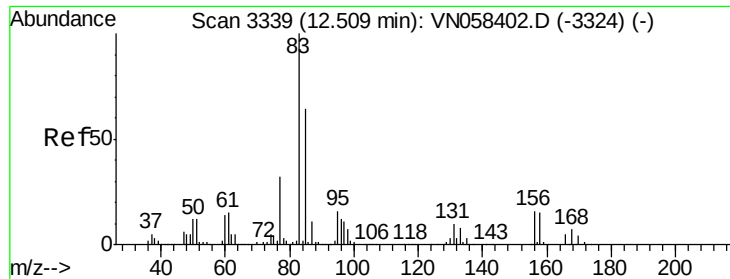
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.918 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

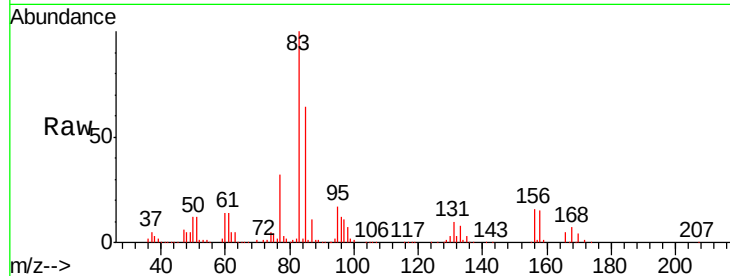
Tgt Ion: 83 Resp: 374321

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

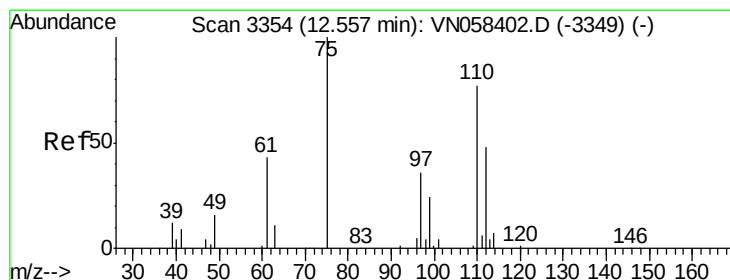
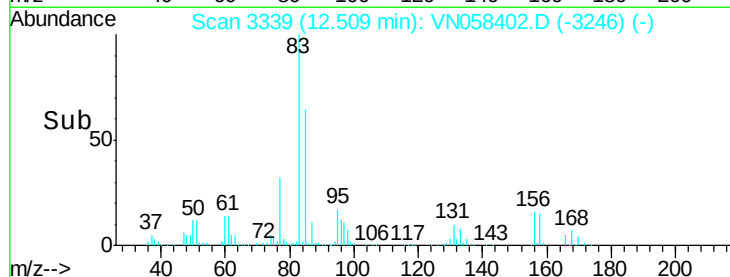
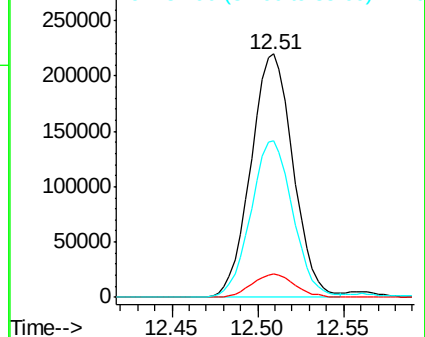
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN058402.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN058402.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN058402.D (-3324) (-)



#76

1,2,3-Trichloropropane

Concen: 75.861 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058402.D

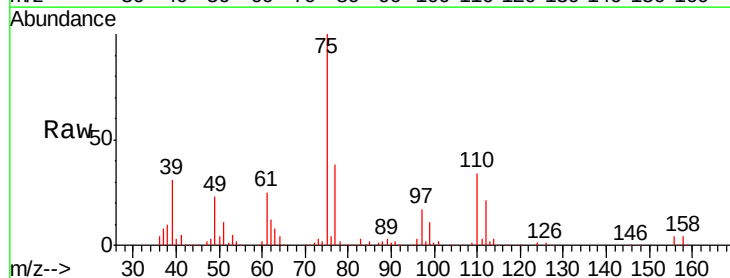
Acq: 27 Sep 2019 12:17

Tgt Ion: 75 Resp: 479360

Ion Ratio Lower Upper

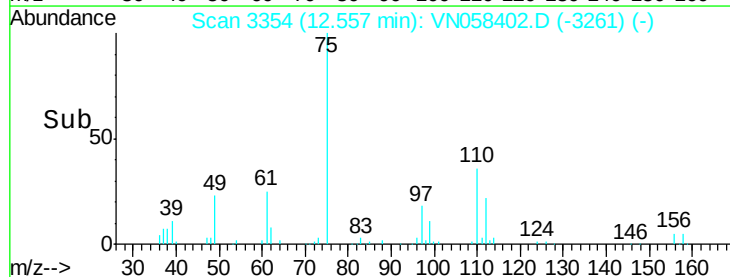
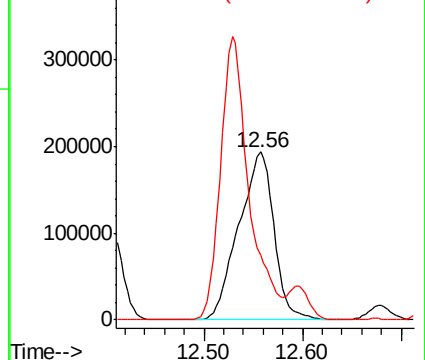
75 100

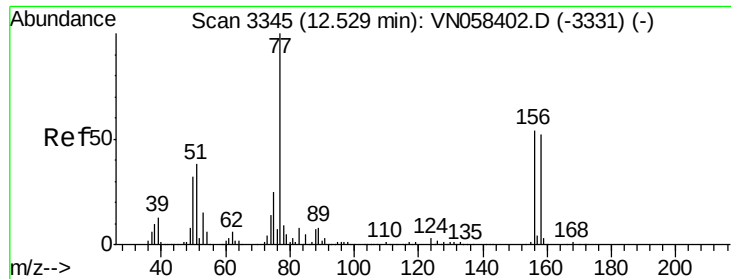
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN058402.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN058402.D (-3349) (-)





#77

Bromobenzene

Concen: 53.431 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

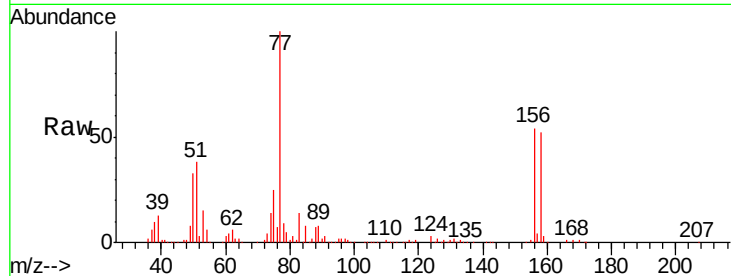
Tgt Ion:156 Resp: 300116

Ion Ratio Lower Upper

156 100

77 220.0 110.0 330.0

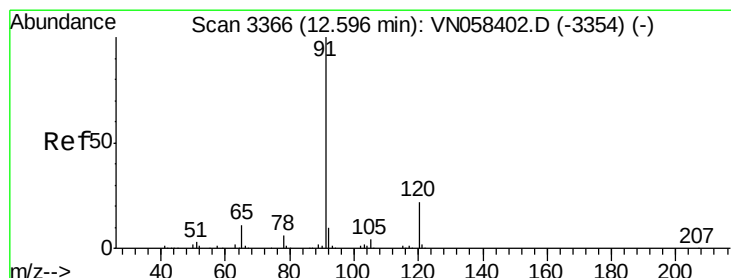
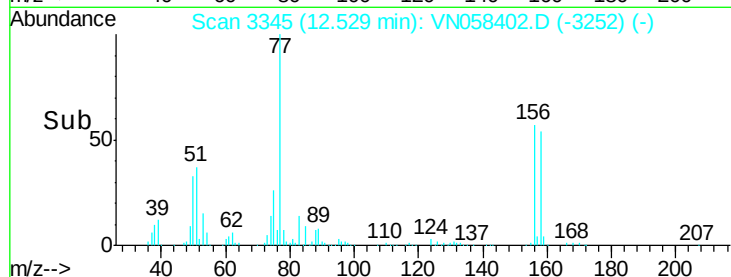
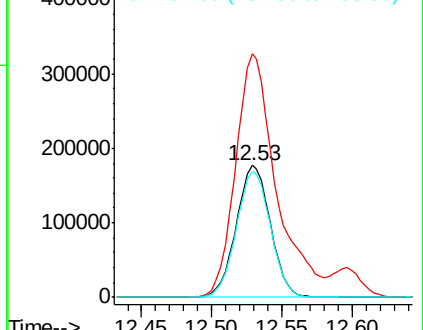
158 95.9 47.9 143.8



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: 59.765 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058402.D

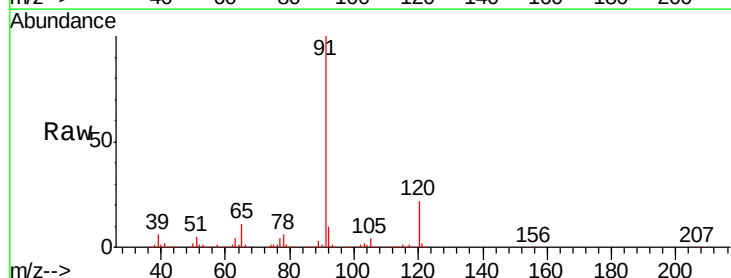
Acq: 27 Sep 2019 12:17

Tgt Ion: 91 Resp: 1530921

Ion Ratio Lower Upper

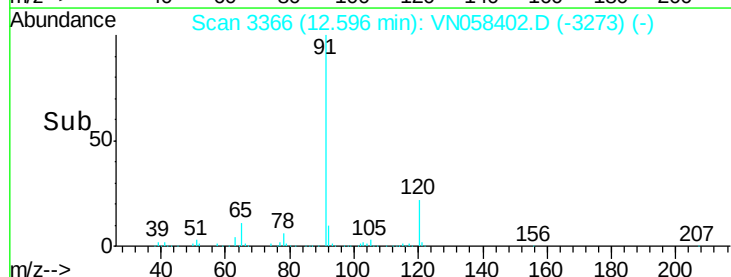
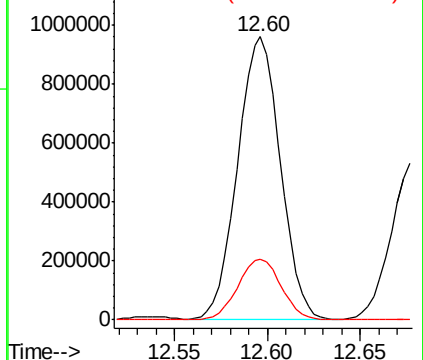
91 100

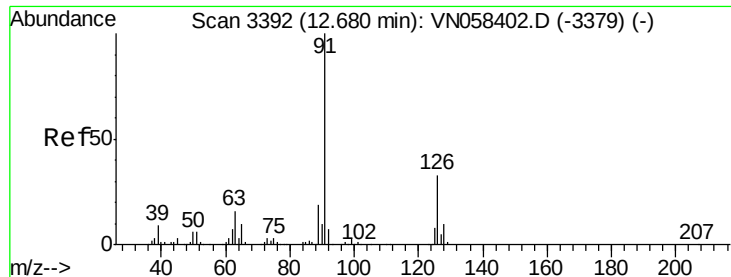
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.341 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

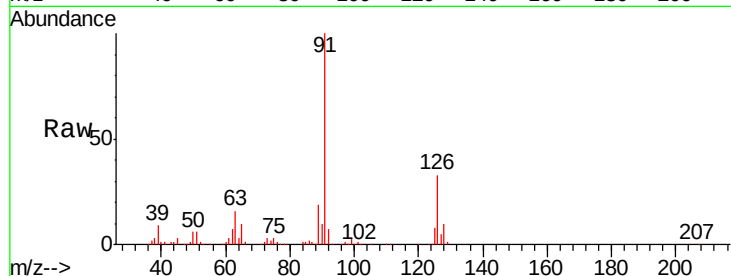
VSTDICCC050

Tgt Ion: 91 Resp: 897016

Ion Ratio Lower Upper

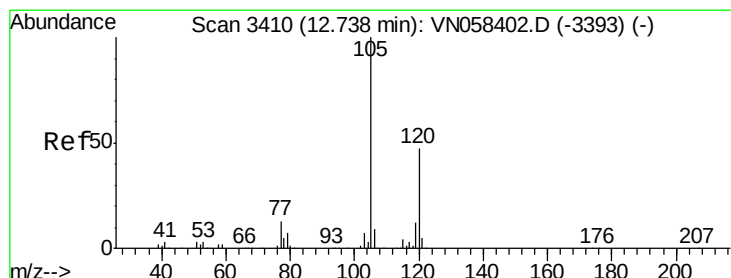
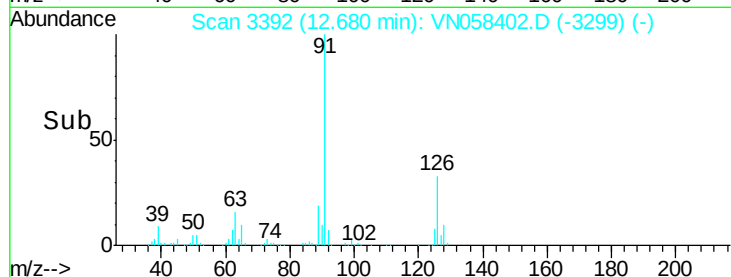
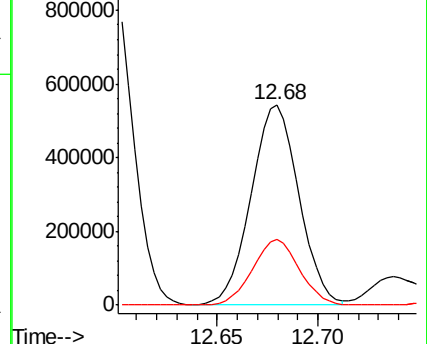
91 100

126 32.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.861 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058402.D

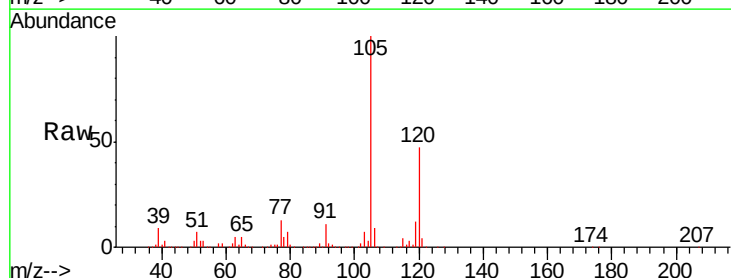
Acq: 27 Sep 2019 12:17

Tgt Ion: 105 Resp: 1117606

Ion Ratio Lower Upper

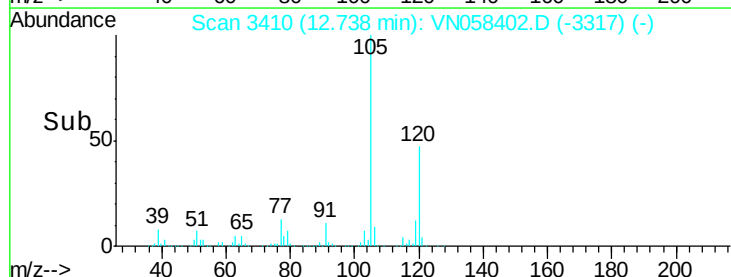
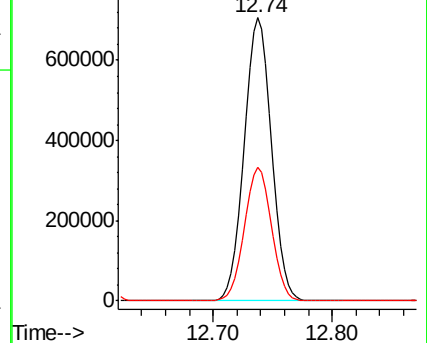
105 100

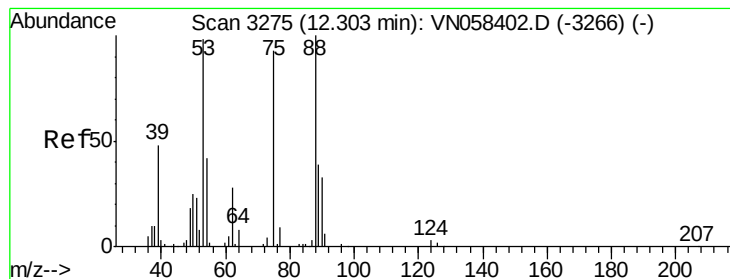
120 47.1 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 57.121 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

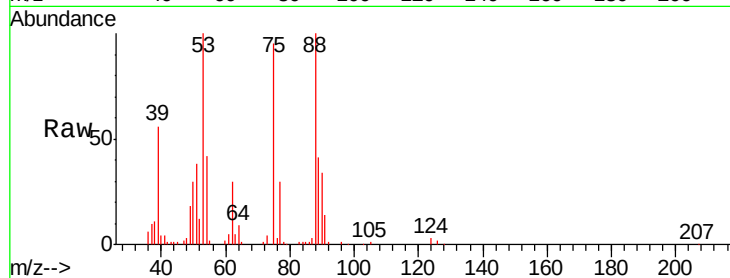
Tgt Ion: 75 Resp: 111023

Ion Ratio Lower Upper

75 100

53 106.7 85.4 128.0

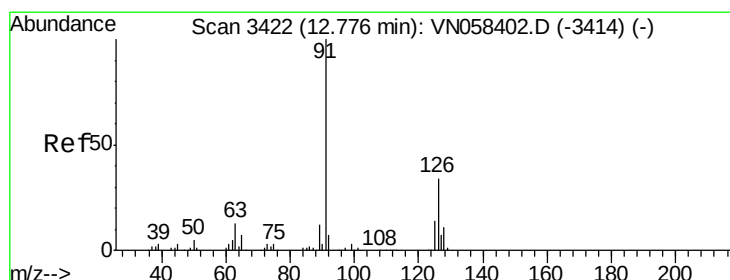
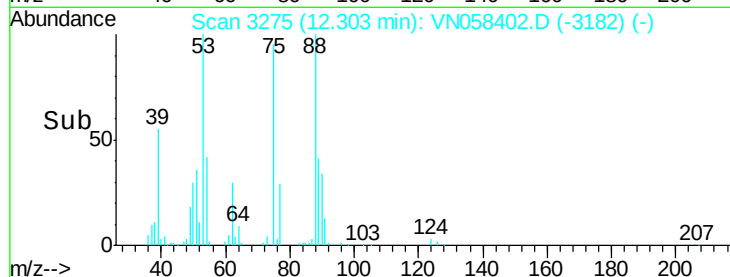
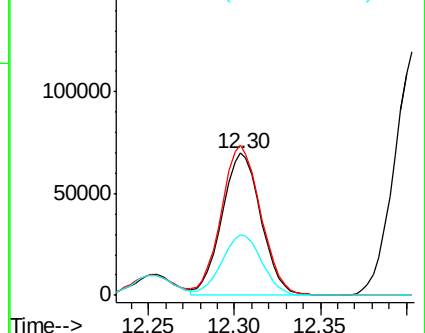
89 43.7 35.0 52.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 55.685 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN058402.D

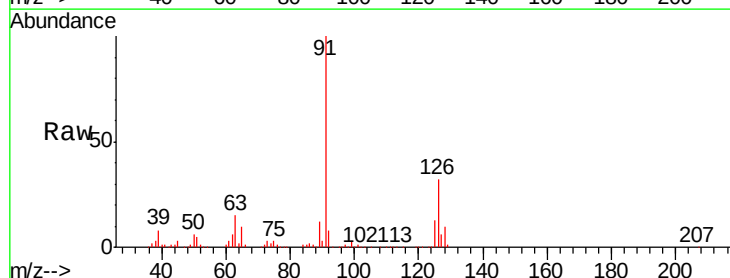
Acq: 27 Sep 2019 12:17

Tgt Ion: 91 Resp: 927076

Ion Ratio Lower Upper

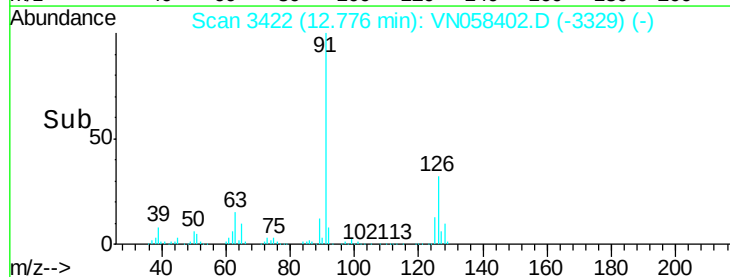
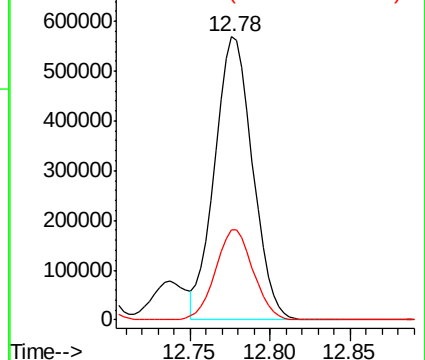
91 100

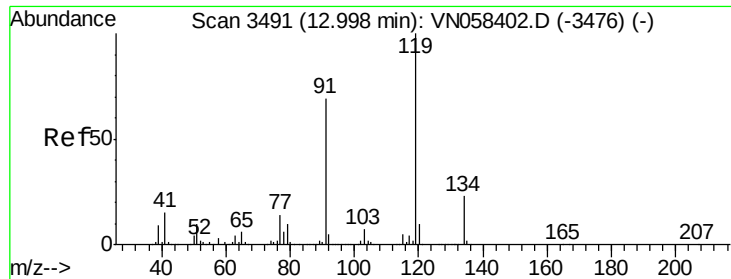
126 31.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

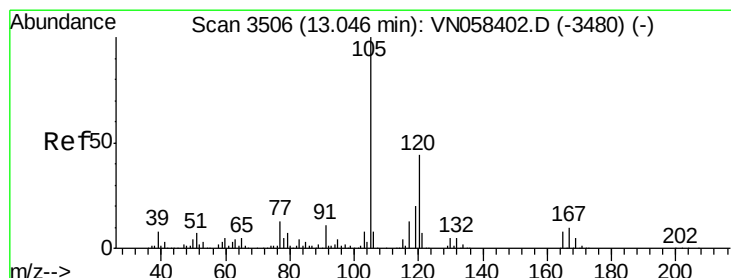
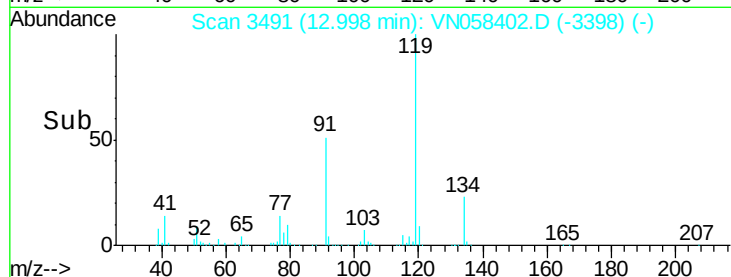
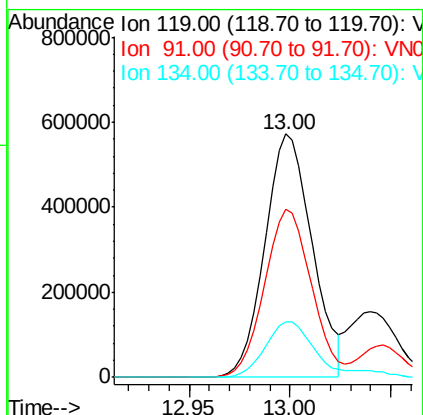
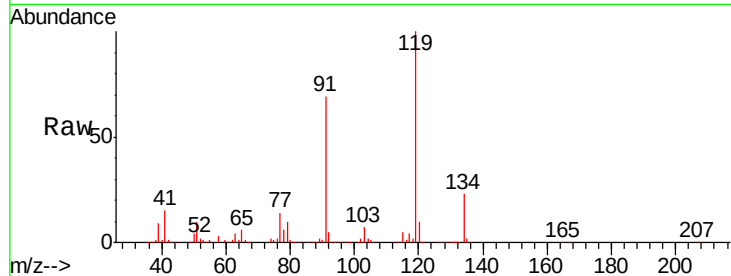




#83
 tert-Butylbenzene
 Concen: 55.481 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

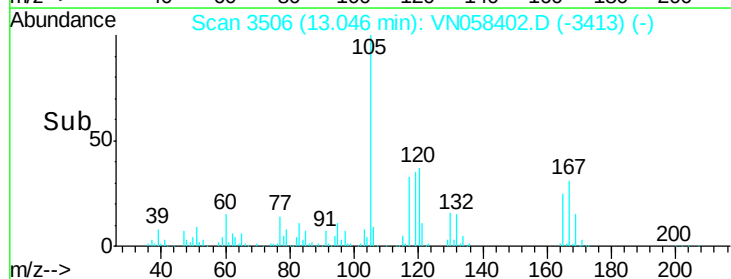
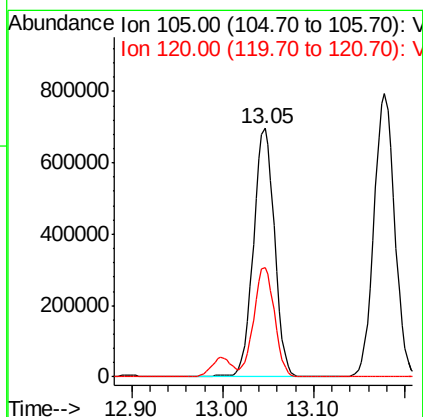
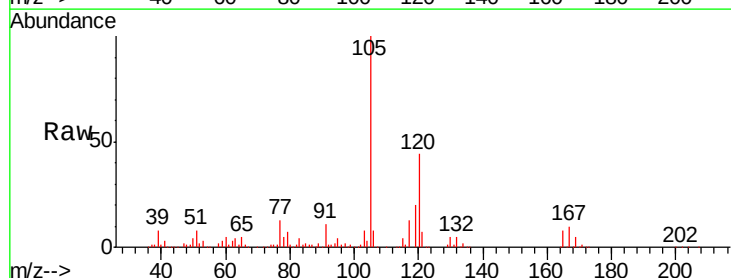
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

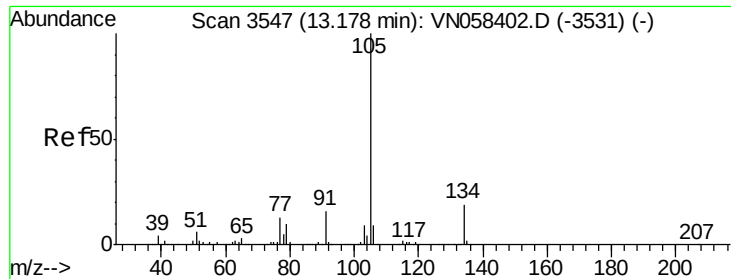
Tgt Ion:119 Resp: 930393
 Ion Ratio Lower Upper
 119 100
 91 68.4 34.2 102.6
 134 23.2 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 59.225 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

Tgt Ion:105 Resp: 1119688
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.7 65.1





#85

sec-Butylbenzene

Concen: 57.059 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

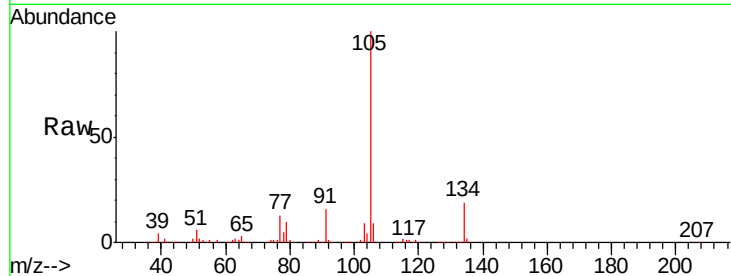
VSTDICCC050

Tgt Ion:105 Resp: 1251206

Ion Ratio Lower Upper

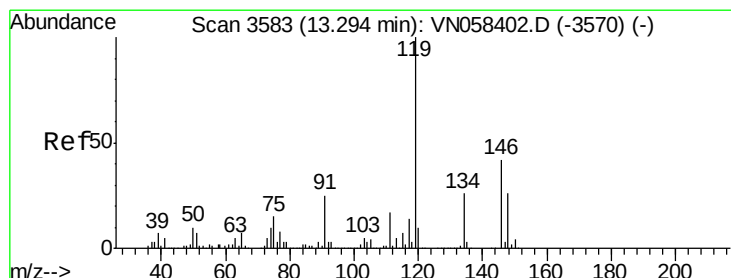
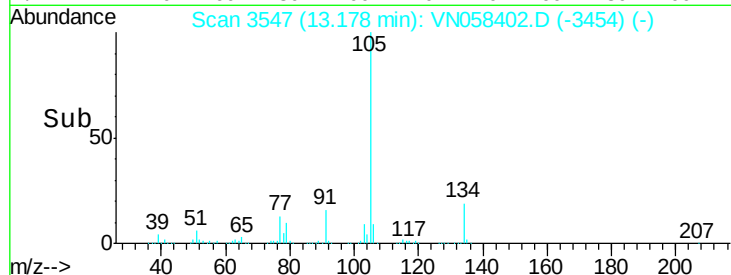
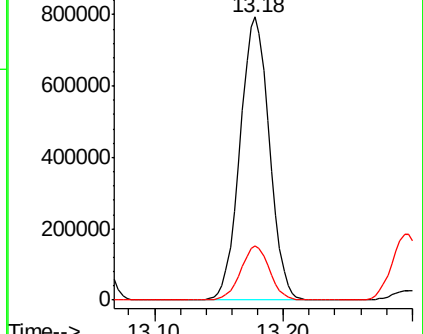
105 100

134 18.8 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.362 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

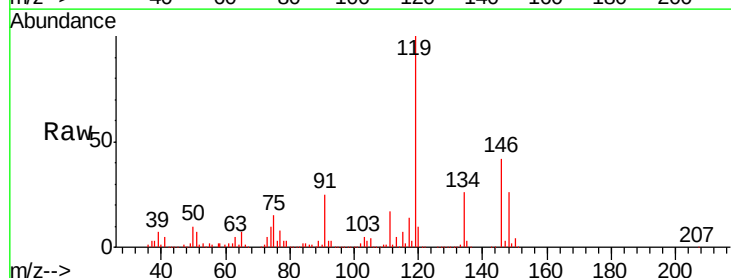
Tgt Ion:119 Resp: 1115797

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

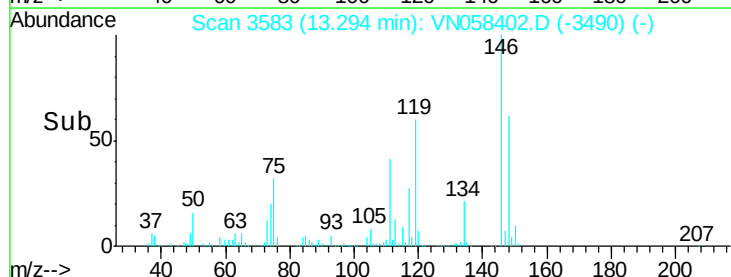
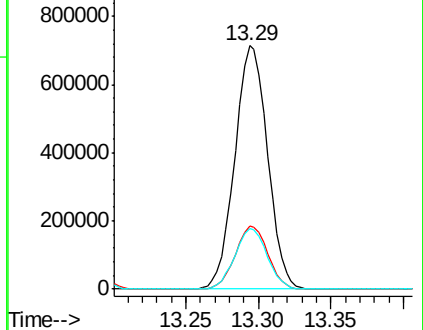
91 24.7 12.4 37.0

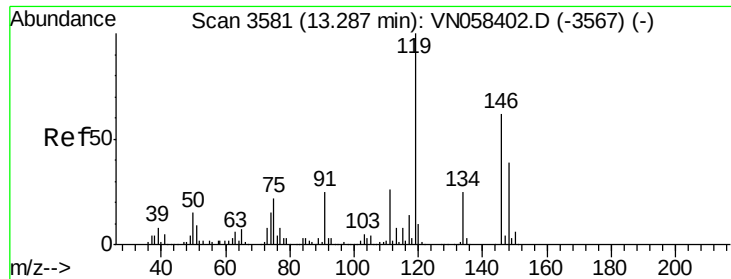


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

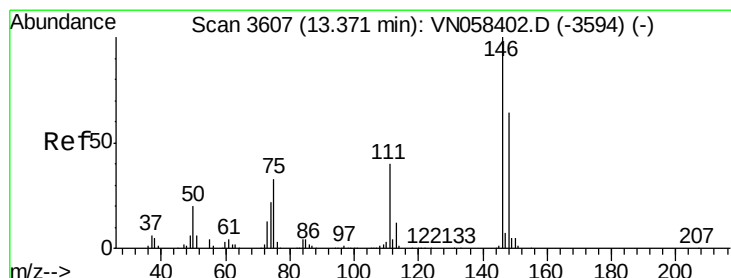
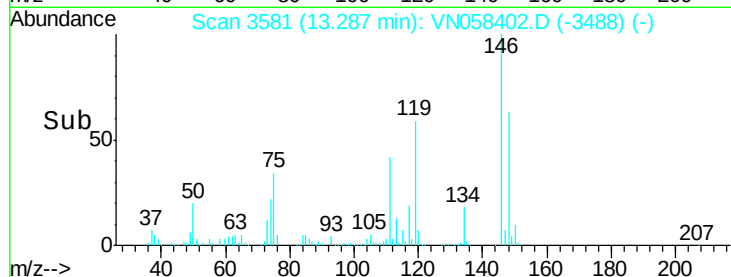
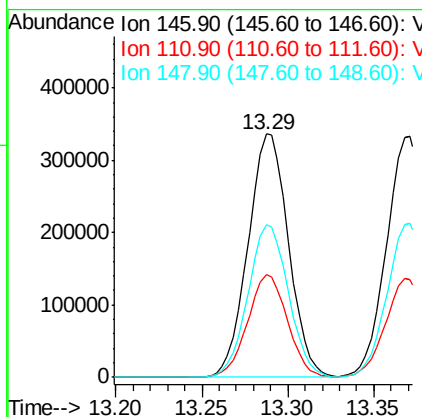
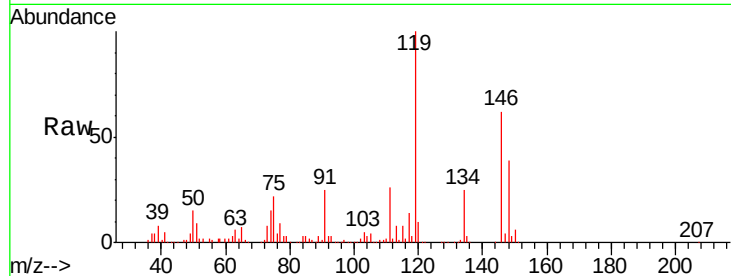




#87
 1,3-Dichlorobenzene
 Concen: 53.748 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

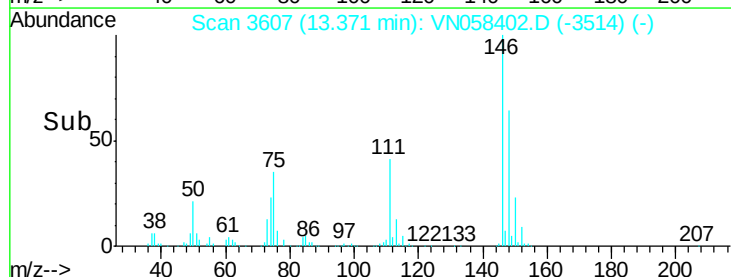
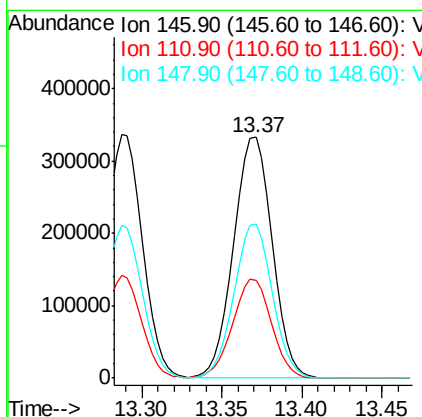
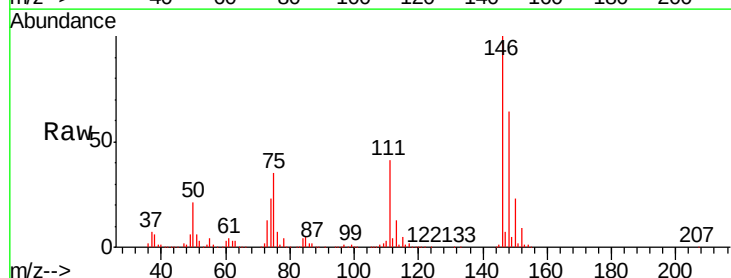
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

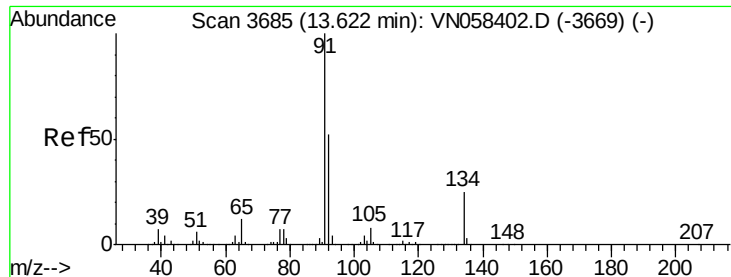
Tgt Ion:146 Resp: 547475
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 62.9 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 52.790 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

Tgt Ion:146 Resp: 547372
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.0 31.5 94.5





#89

n-Butylbenzene

Concen: 54.124 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

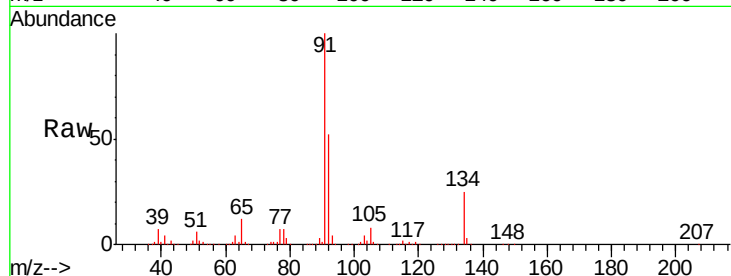
Tgt Ion: 91 Resp: 984369

Ion Ratio Lower Upper

91 100

92 51.4 25.7 77.1

134 24.4 12.2 36.6

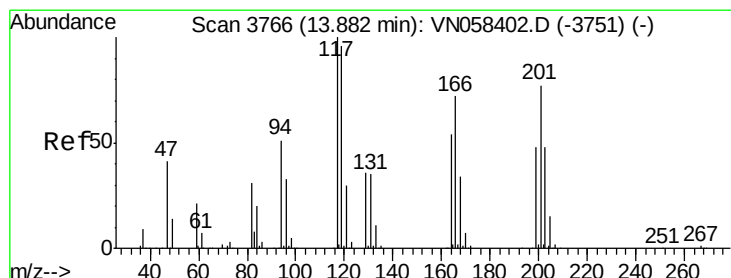
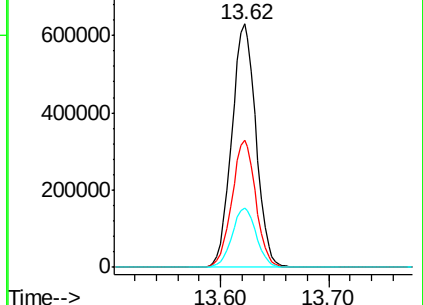
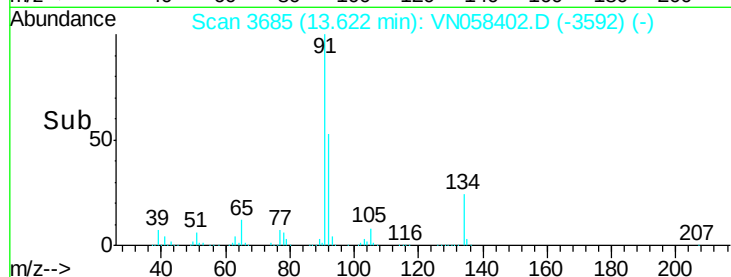


Abundance Ion 91.00 (90.70 to 91.70): VN058402.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN058402.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN058402.D (-3669) (-)

Time-->



#90

Hexachloroethane

Concen: 56.882 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN058402.D

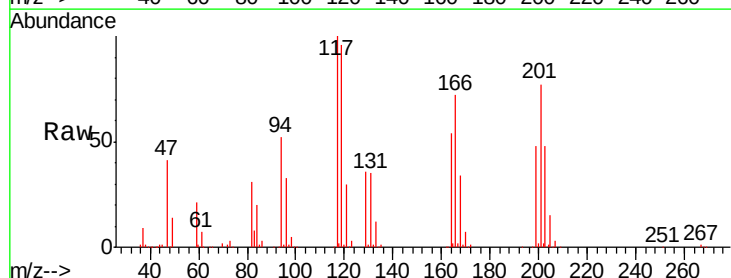
Acq: 27 Sep 2019 12:17

Tgt Ion: 117 Resp: 171300

Ion Ratio Lower Upper

117 100

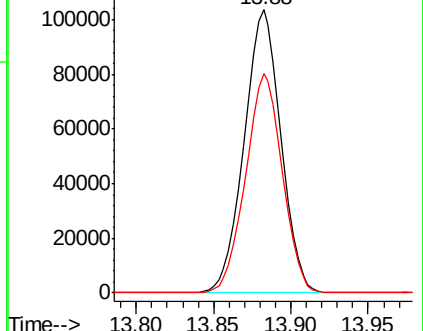
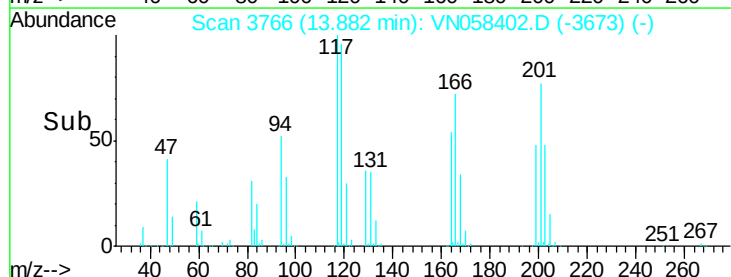
201 77.3 38.6 116.0

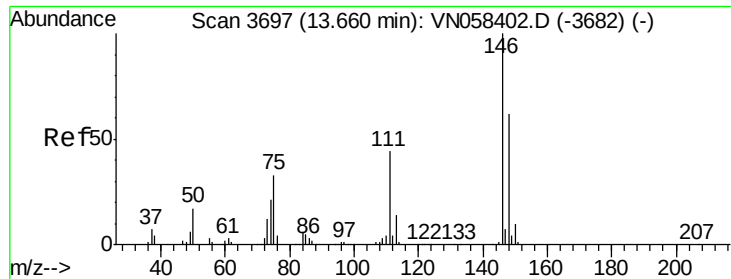


Abundance Ion 116.80 (116.50 to 117.50): VN058402.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN058402.D (-3751) (-)

Time-->

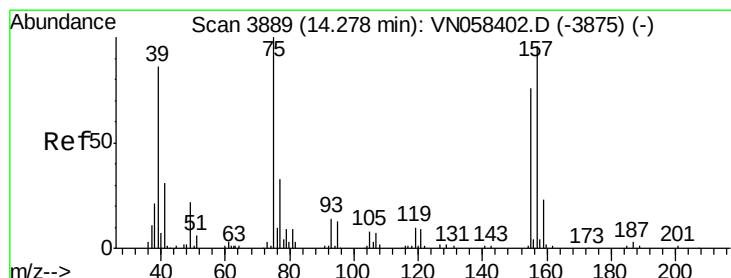
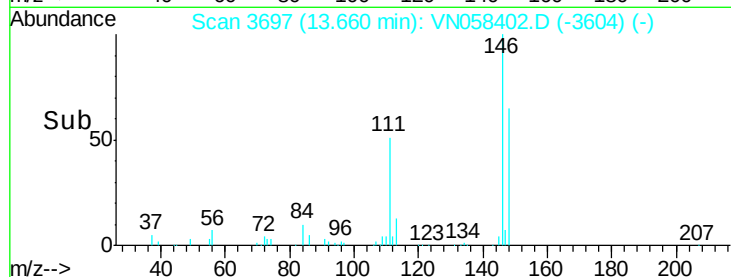
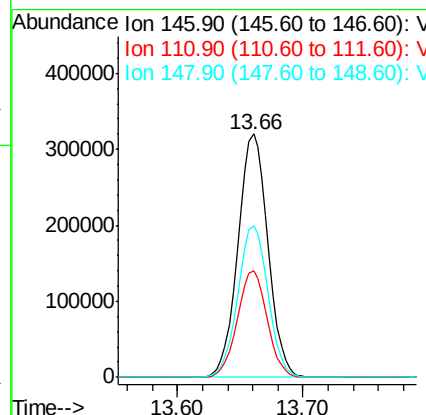
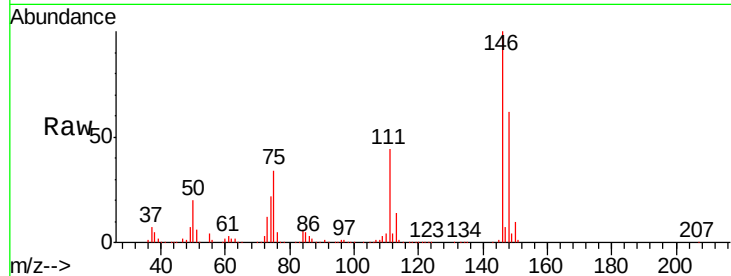




#91
 1,2-Dichlorobenzene
 Concen: 52.299 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

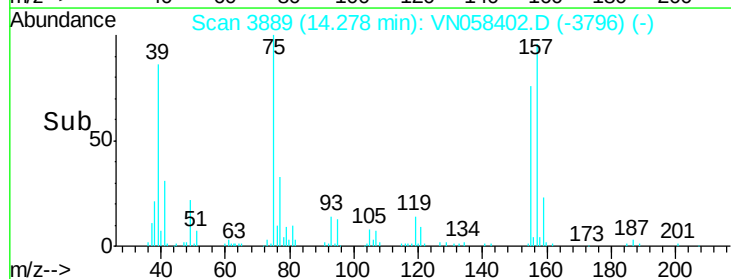
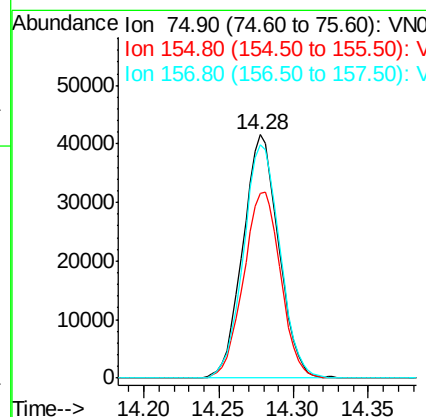
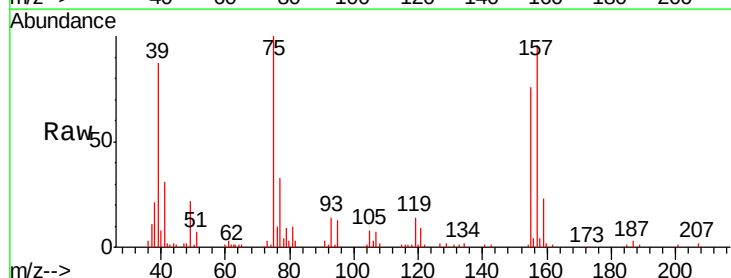
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

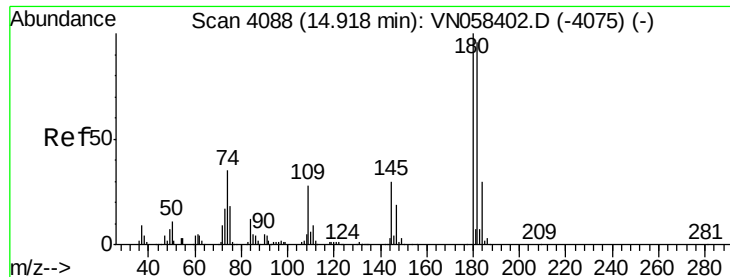
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.8	65.3
148	63.0	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.484 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	39.2	117.6
157	97.4	48.7	146.1

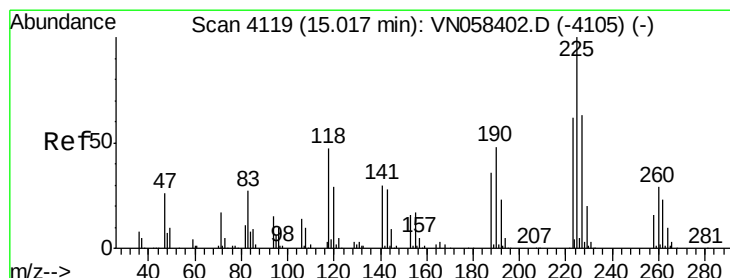
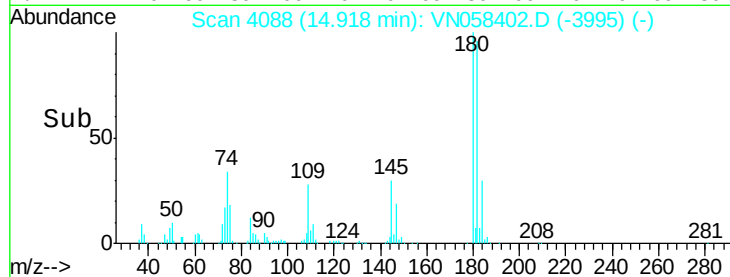
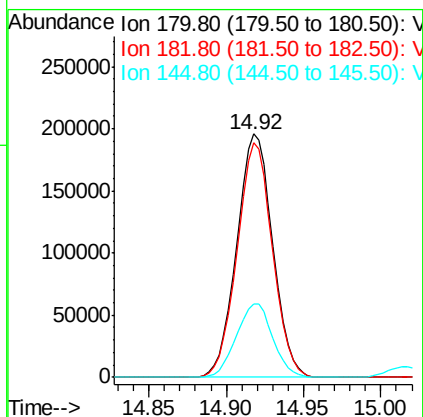
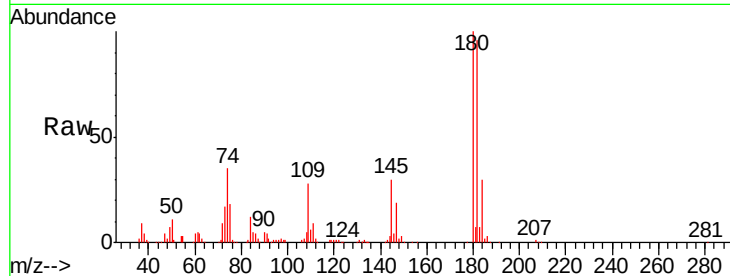




#93
 1,2,4-Trichlorobenzene
 Concen: 49.485 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

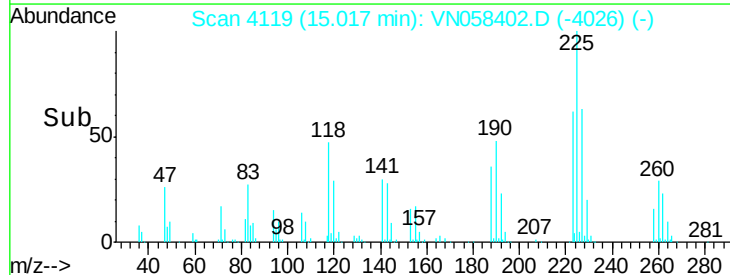
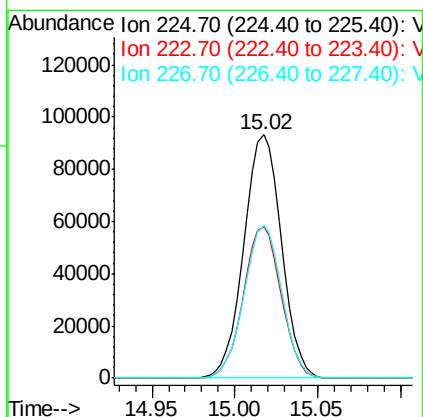
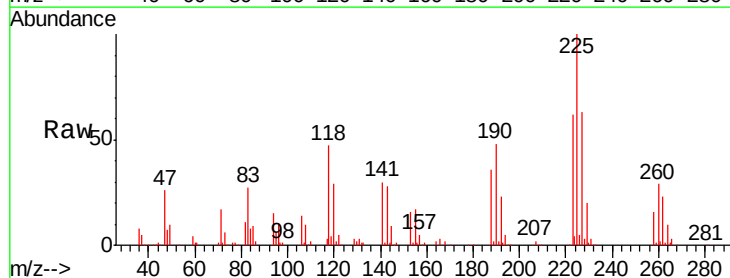
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

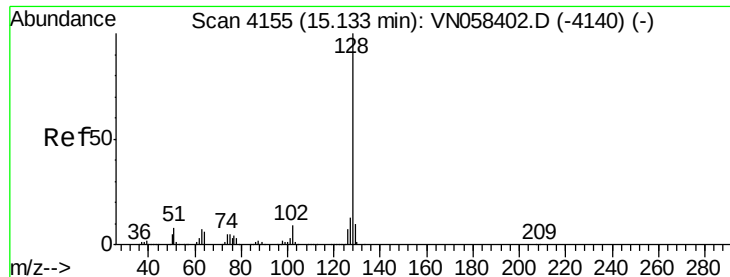
Tgt Ion:180 Resp: 315389
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.4 142.3
 145 30.6 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 47.839 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058402.D
 Acq: 27 Sep 2019 12:17

Tgt Ion:225 Resp: 147629
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 62.8 31.4 94.2





#95

Naphthalene

Concen: 52.246 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

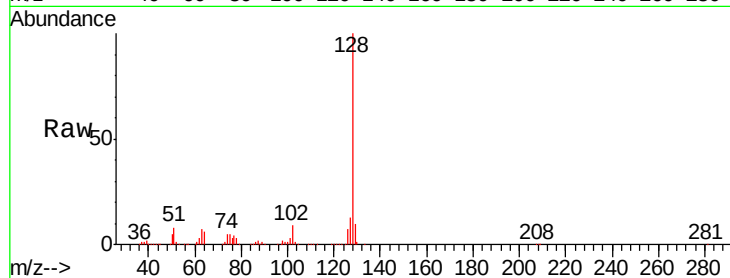
Tgt Ion:128 Resp: 860991

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

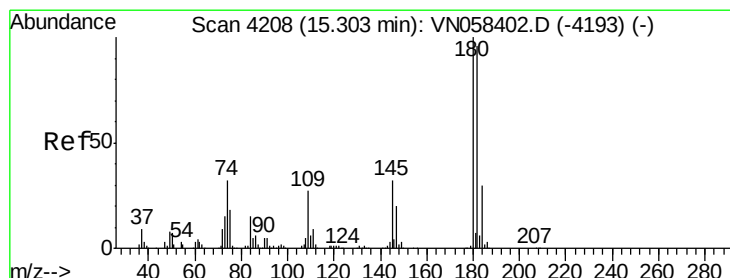
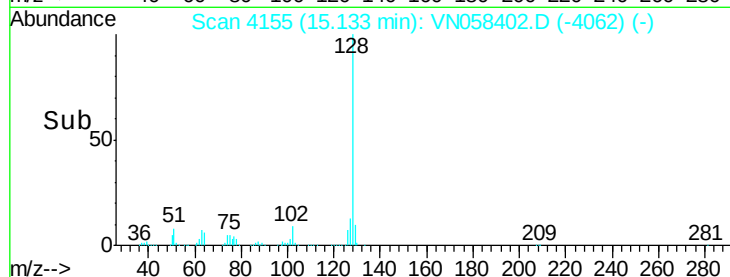
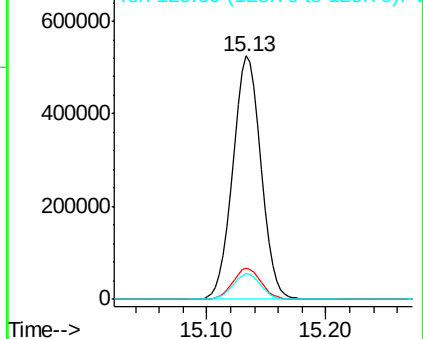
129 10.4 8.3 12.5



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: 48.679 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058402.D

Acq: 27 Sep 2019 12:17

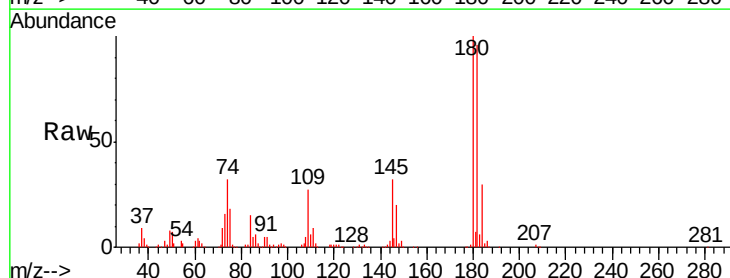
Tgt Ion:180 Resp: 291403

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.9

145 32.2 16.1 48.3



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

