

Data File : VN054977.D
Acq On : 11 Apr 2019 14:54
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Quant Time: Apr 12 07:40:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:37:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	69541	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	389900	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	342093	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	164167	32.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	109.77%
60) 4-Bromofluorobenzene	12.40	95	155395	29.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.53%
63) Toluene-d8	10.09	98	494336	29.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	84882	24.315	ug/l 100
3) Chloromethane	2.06	50	109803	23.763	ug/l 100
4) Vinyl Chloride	2.19	62	95799	20.902	ug/l 100
5) Bromomethane	2.56	94	54369	19.395	ug/l 100
6) Chloroethane	2.71	64	53277	19.856	ug/l 100
7) Trichlorofluoromethane	3.02	101	124854	22.337	ug/l 100
8) Diethyl Ether	3.41	74	39058	18.961	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	68398	19.203	ug/l 100
10) 1,1-Dichloroethene	3.73	96	62135	18.716	ug/l 100
11) Methyl Iodide	3.94	142	90527	18.549	ug/l 100
12) Methyl Acetate	4.33	43	73585	25.786	ug/l 100
13) Acrolein	3.61	56	32005	116.957	ug/l 100
14) Acrylonitrile	5.00	53	148643	110.717	ug/l 100
15) Acetone	3.82	58	44396	114.209	ug/l 100
16) Carbon Disulfide	4.04	76	194325	18.134	ug/l 100
17) Allyl chloride	4.31	41	148750	25.002	ug/l 100
18) Methylene Chloride	4.54	84	89565	22.972	ug/l 100
19) trans-1,2-Dichloroethene	5.03	96	79521	21.892	ug/l 100
20) Diisopropyl ether	5.96	45	300273	25.123	ug/l 100
21) 1,1-Dichloroethane	5.84	63	163005	23.123	ug/l 100
22) cis-1,2-Dichloroethene	6.82	96	91225	22.486	ug/l 100
23) tert-Butyl Alcohol	4.81	59	22708	95.856	ug/l # 100
24) Methyl tert-Butyl Ether	5.06	73	199836	22.219	ug/l 100
25) Chloroform	7.37	83	156572	23.044	ug/l 100
26) Cyclohexane	7.65	56	149106	23.369	ug/l # 100
29) 1,1-Dichloropropene	7.79	75	118323	22.110	ug/l 100
30) 2-Butanone	6.84	43	202852	120.272	ug/l 100
31) 2,2-Dichloropropane	6.82	77	107085	20.377	ug/l # 100
32) 1,1,1-Trichloroethane	7.57	97	123233	21.413	ug/l 100
33) Carbon Tetrachloride	7.77	117	104869	20.627	ug/l 100
34) Benzene	8.04	78	348203	21.898	ug/l 100
35) Methacrylonitrile	7.18	41	46871	24.357	ug/l 100
36) 1,2-Dichloroethane	8.12	62	120213	23.280	ug/l 100
37) Trichloroethene	8.83	130	90112	21.638	ug/l 100
38) Methylcyclohexane	9.08	83	137107	21.734	ug/l 100
39) 1,2-Dichloropropane	9.12	63	96130	21.980	ug/l 100
40) Dibromomethane	9.21	93	55070	22.030	ug/l 100

Data File : VN054977.D
Acq On : 11 Apr 2019 14:54
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Quant Time: Apr 12 07:40:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:37:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	109321	20.715	ug/l	100
42) Vinyl Acetate	5.90	43	938491	108.733	ug/l	100
43) Ethyl Acetate	6.94	43	77724	22.066	ug/l	100
44) Isopropyl Acetate	8.17	43	125133	20.383	ug/l	100
45) 1,4-Dioxane	9.21	88	15367	470.876	ug/l	100
46) Methyl methacrylate	9.20	41	63786	21.590	ug/l	100
47) n-amyl Acetate	12.07	43	90183	20.340	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	91460	17.589	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	120019	19.504	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	73264	20.975	ug/l	100
51) Ethyl methacrylate	10.43	69	79282	19.286	ug/l	100
52) 1,3-Dichloropropane	10.71	76	128548	21.500	ug/l	100
53) Dibromochloromethane	10.90	129	71621	18.893	ug/l	100
54) 1,2-Dibromoethane	11.00	107	65136	19.795	ug/l	100
55) 2-Chloroethyl vinyl ether	9.69	63	177799	94.056	ug/l	100
56) Bromoform	12.12	173	42414	17.024	ug/l	100
58) 4-Methyl-2-Pentanone	9.99	43	370415	111.049	ug/l	100
59) 2-Hexanone	10.75	43	246213	112.939	ug/l	100
61) Tetrachloroethene	10.63	164	90438	21.525	ug/l	100
62) Toluene	10.15	91	371016	22.110	ug/l	100
64) Chlorobenzene	11.43	112	223933	21.873	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	76896	20.577	ug/l	100
66) Ethyl Benzene	11.51	91	391670	22.333	ug/l	100
67) m/p-Xylenes	11.62	106	297197	45.218	ug/l	100
68) o-Xylene	11.95	106	145732	22.785	ug/l	100
69) Styrene	11.96	104	220912	22.043	ug/l	100
70) Isopropylbenzene	12.25	105	393428	23.424	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	88443	21.493	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	102406	32.579	ug/l	62
73) Bromobenzene	12.53	156	91116	21.651	ug/l	100
74) n-propylbenzene	12.59	91	441270	22.183	ug/l	100
75) 2-Chlorotoluene	12.67	91	266371	22.784	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	321549	22.712	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	15397	14.417	ug/l	100
78) 4-Chlorotoluene	12.77	91	247593	21.343	ug/l	100
79) tert-butylbenzene	12.99	119	276794	22.262	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	307600	21.975	ug/l	100
81) sec-Butylbenzene	13.17	105	371988	21.907	ug/l	100
82) p-Isopropyltoluene	13.29	119	312567	21.634	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	150821	20.500	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	140758	20.086	ug/l	100
85) n-Butylbenzene	13.61	91	233021	18.842	ug/l	100
86) Hexachloroethane	13.87	117	47175	17.546	ug/l	100
87) 1,2-Dichlorobenzene	13.65	146	149406	20.924	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	11236	19.335	ug/l	100
89) 1,2,4-Trichlorobenzene	14.91	180	56267	16.107	ug/l	100
90) Hexachlorobutadiene	15.01	225	51861	19.634	ug/l	100
91) Naphthalene	15.13	128	108228	15.610	ug/l	100
92) 1,2,3-Trichlorobenzene	15.31	180	59100	16.966	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041119\
Quantitation Report (Not Reviewed)

Data File : VN054977.D
Acq On : 11 Apr 2019 14:54
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Quant Time: Apr 12 07:40:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:37:15 2019
Response via : Initial Calibration

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

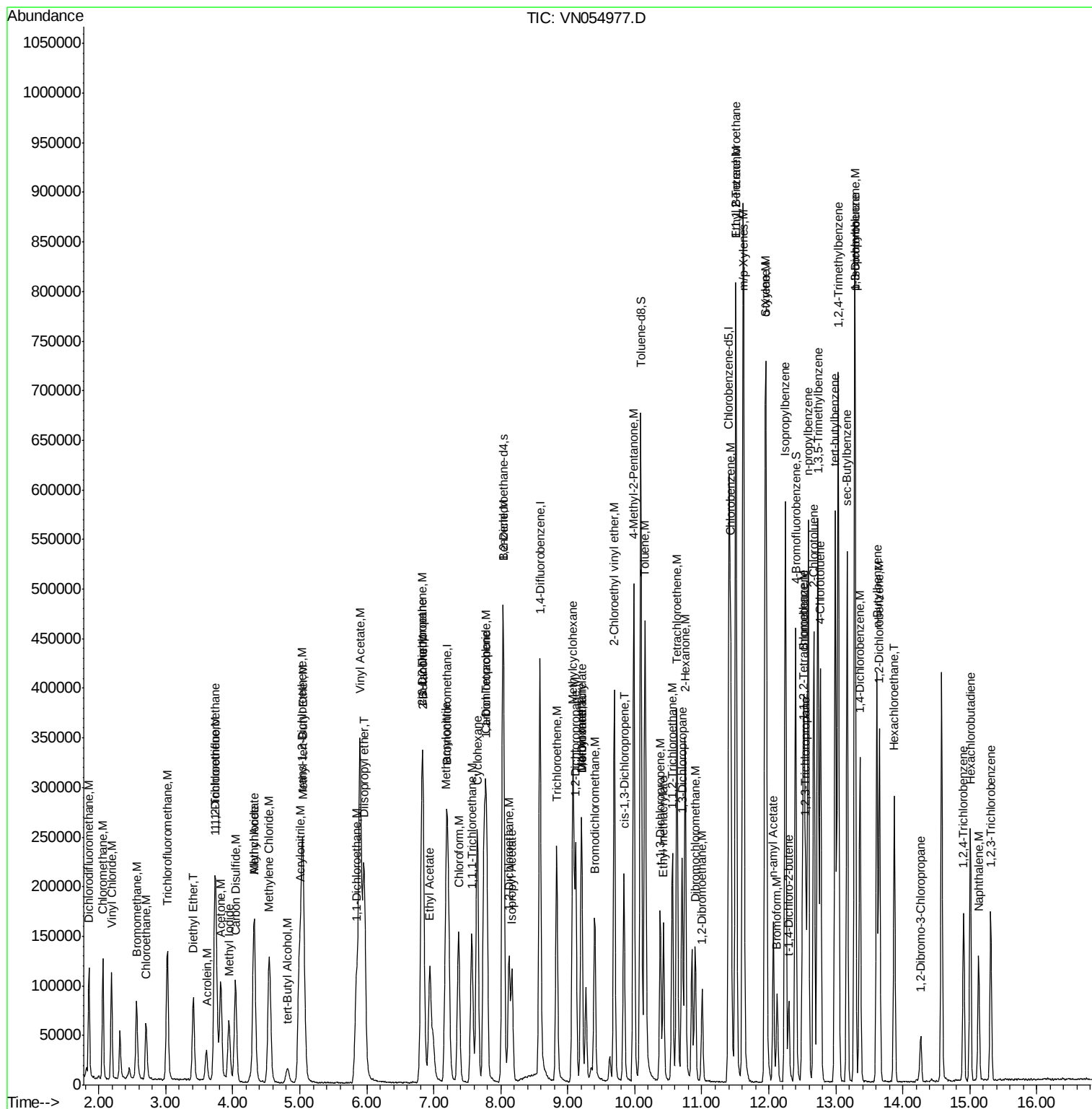
(#) = qualifier out of range (m) = manual integration (+) = signals summed

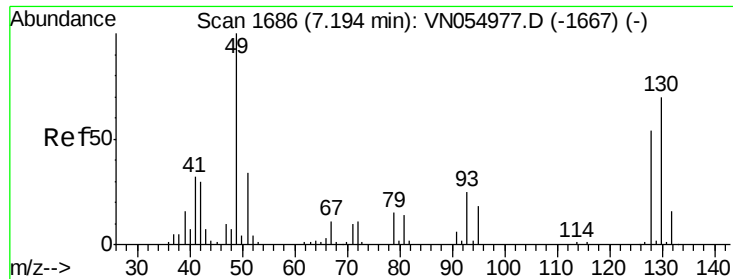
Data File : VN054977.D

```
Acq On       : 11 Apr 2019   14:54
Operator     : JC/SP
Sample       : VSTDICCC020
Misc         : 5.00mL/MSV0A_N/WATER
ALS Vial     : 3      Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Quant Time: Apr 12 07:40:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:37:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

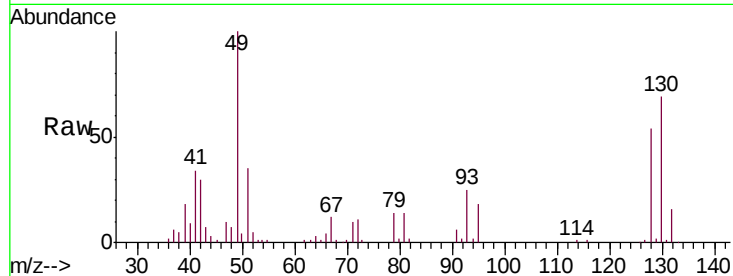
Tgt Ion:128 Resp: 69541

Ion Ratio Lower Upper

128 100

49 192.1 0.0 480.3

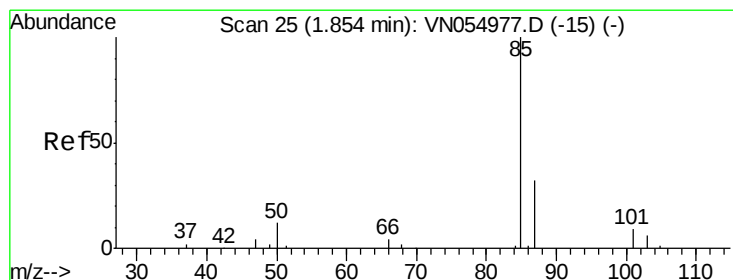
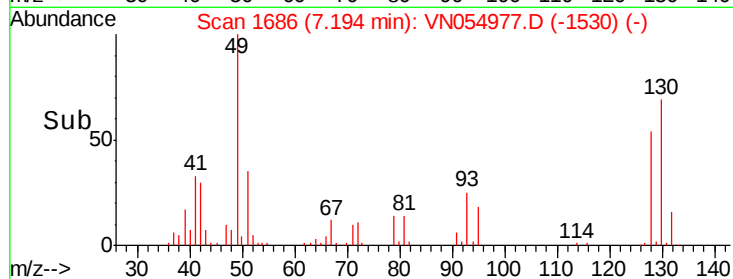
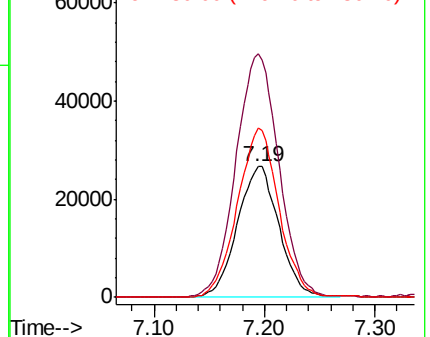
130 128.9 0.0 322.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 24.315 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054977.D

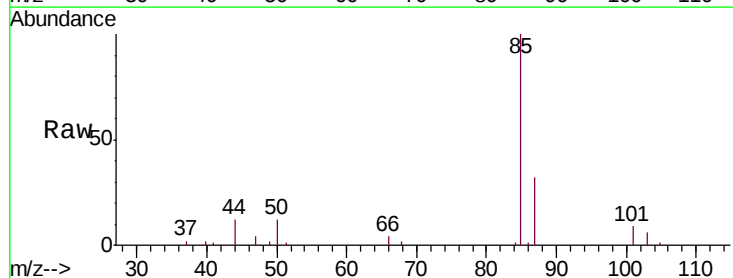
Acq: 11 Apr 2019 14:54

Tgt Ion: 85 Resp: 84882

Ion Ratio Lower Upper

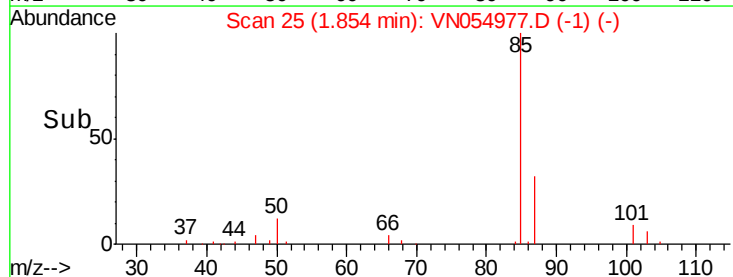
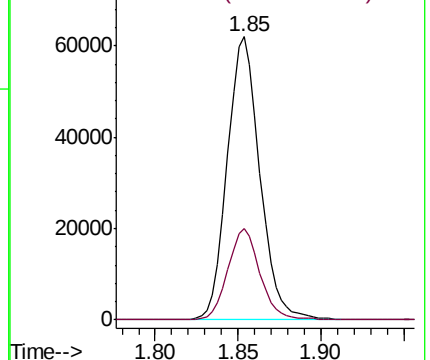
85 100

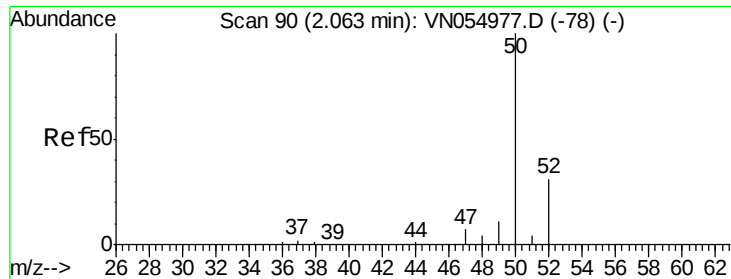
87 32.2 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 23.763 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

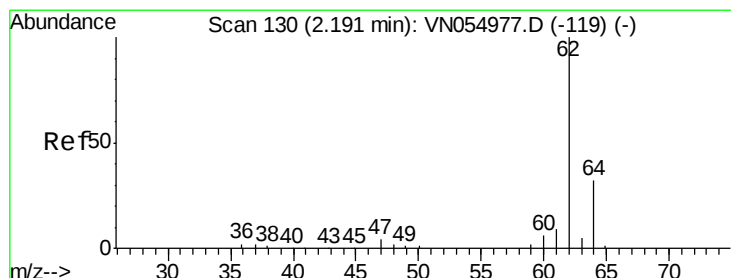
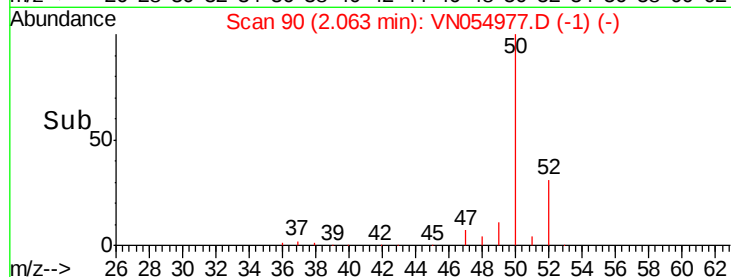
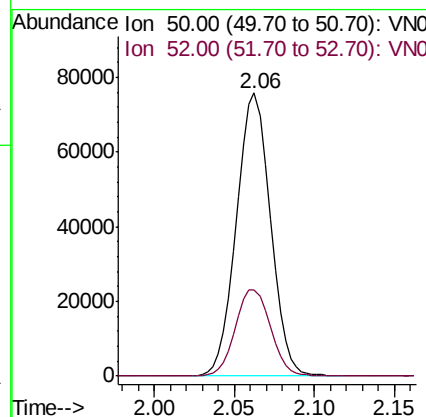
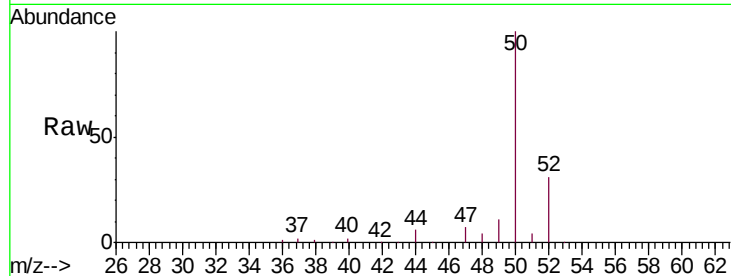
VSTDICCC020

Tgt Ion: 50 Resp: 109803

Ion Ratio Lower Upper

50 100

52 30.6 24.5 36.7



#4

Vinyl Chloride

Concen: 20.902 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054977.D

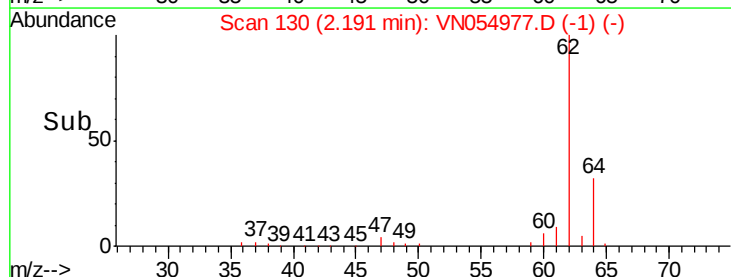
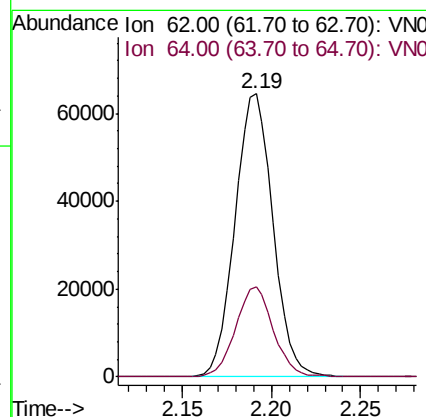
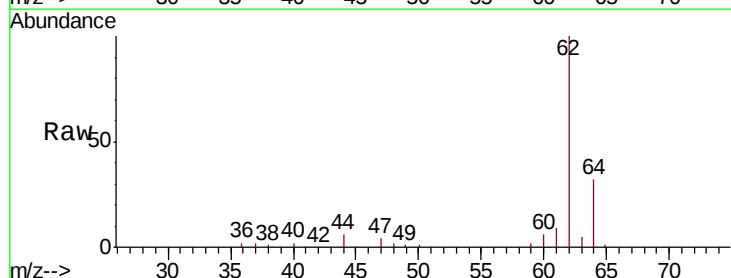
Acq: 11 Apr 2019 14:54

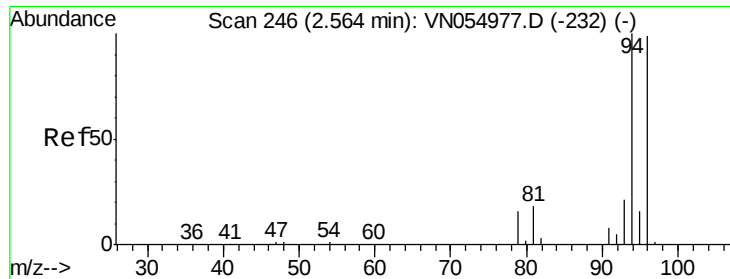
Tgt Ion: 62 Resp: 95799

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4

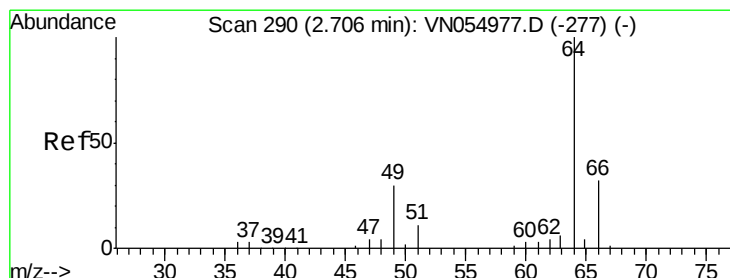
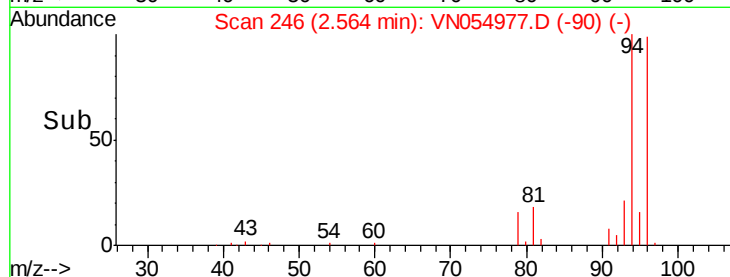
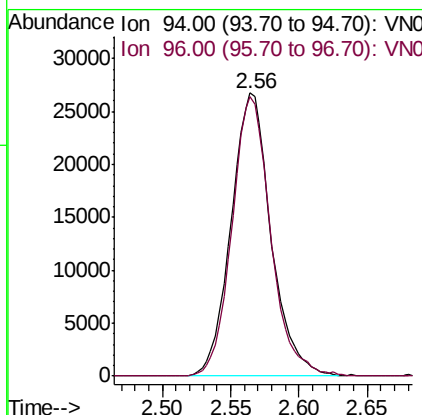
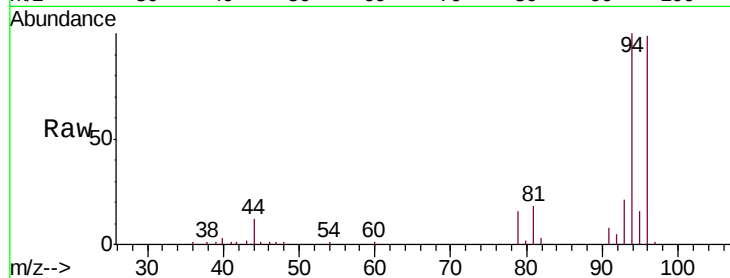




#5
Bromomethane
Concen: 19.395 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

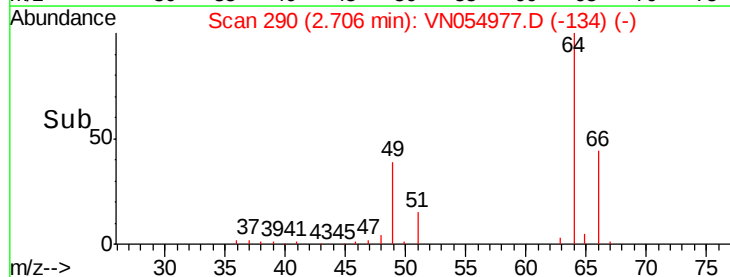
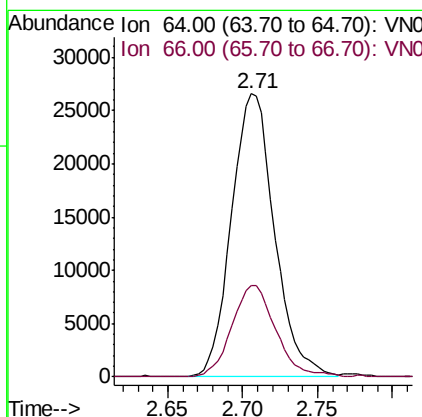
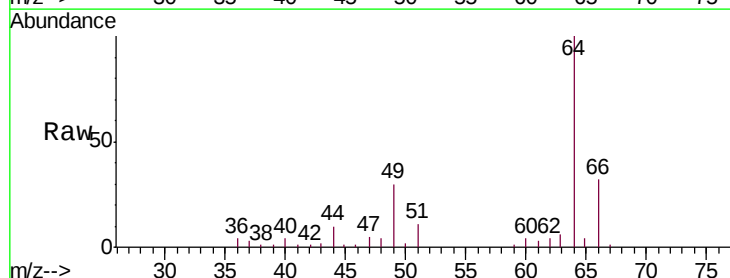
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

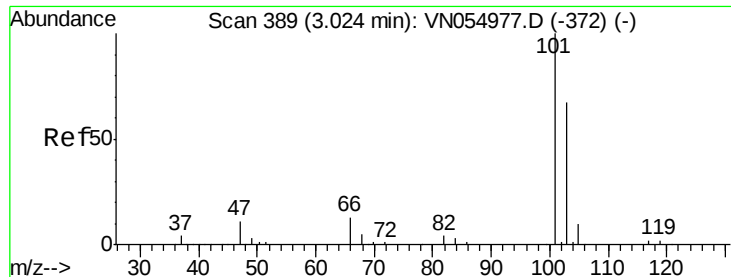
Tgt Ion: 94 Resp: 54369
Ion Ratio Lower Upper
94 100
96 98.9 79.1 118.7



#6
Chloroethane
Concen: 19.856 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion: 64 Resp: 53277
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5



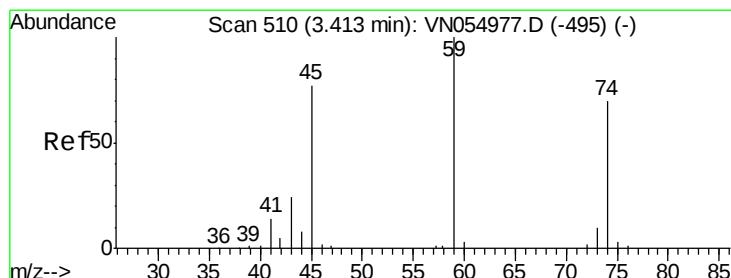
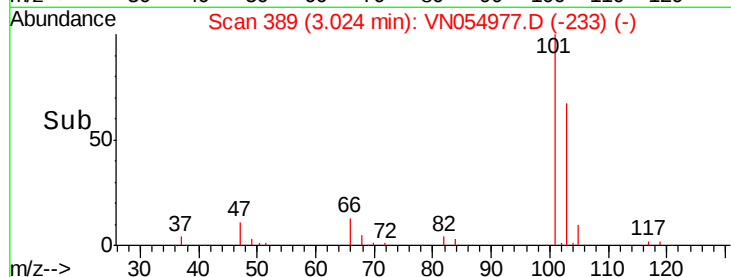
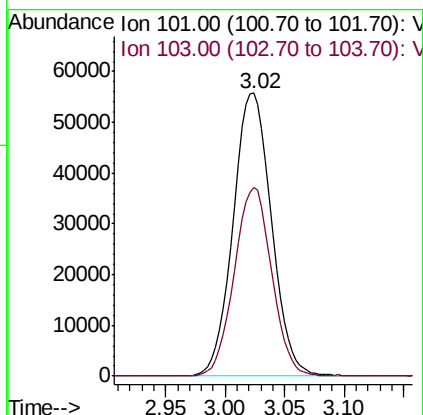
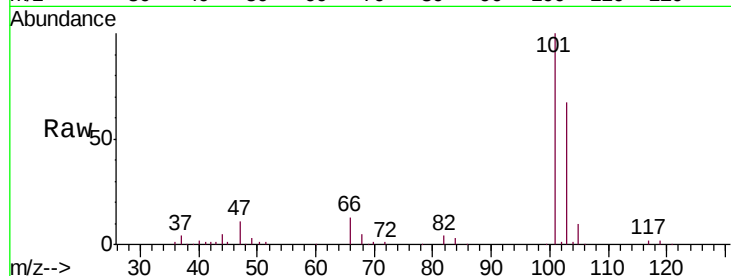


#7

Trichlorofluoromethane
 Concen: 22.337 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

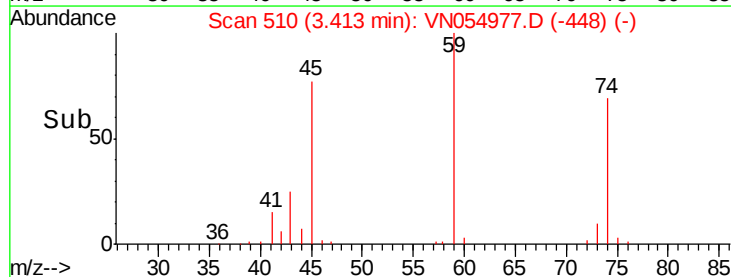
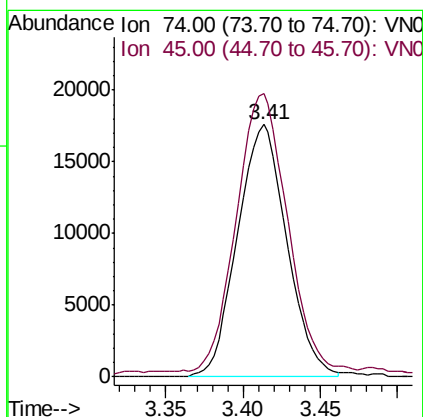
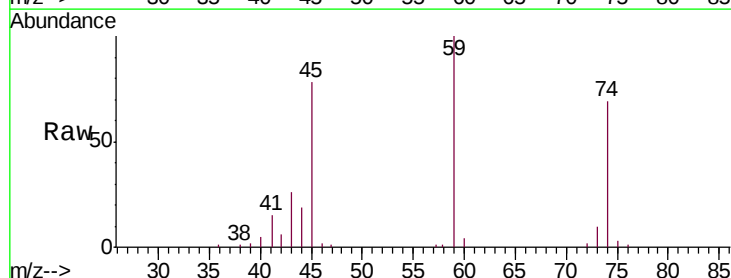
Tgt Ion: 101 Resp: 124854
 Ion Ratio Lower Upper
 101 100
 103 66.7 53.4 80.0

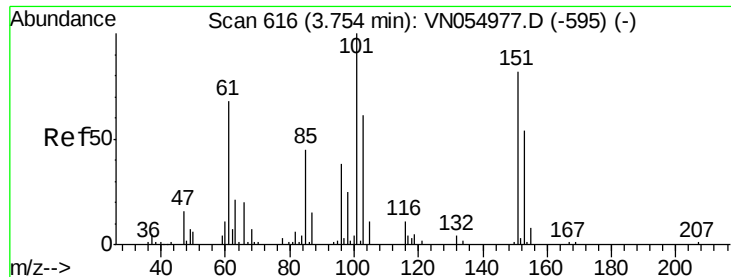


#8

Diethyl Ether
 Concen: 18.961 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 74 Resp: 39058
 Ion Ratio Lower Upper
 74 100
 45 114.3 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.203 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

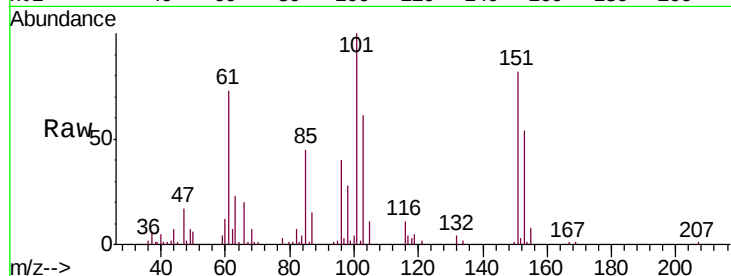
Tgt Ion:101 Resp: 68398

Ion Ratio Lower Upper

101 100

85 45.7 0.0 91.4

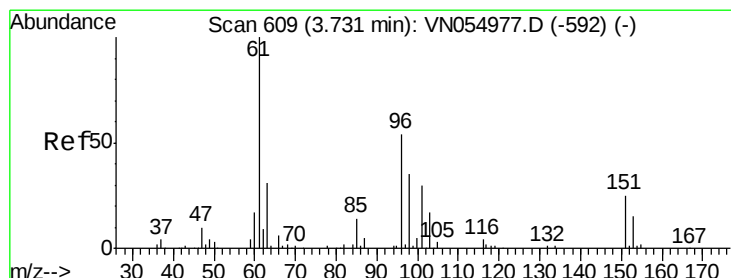
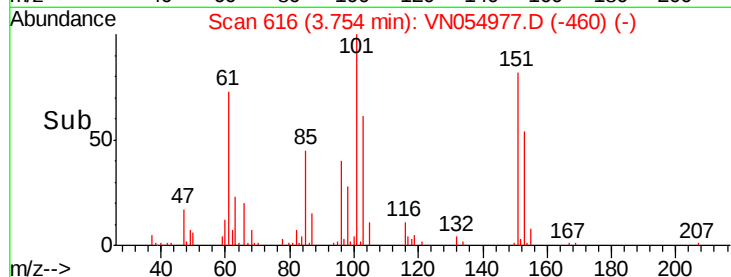
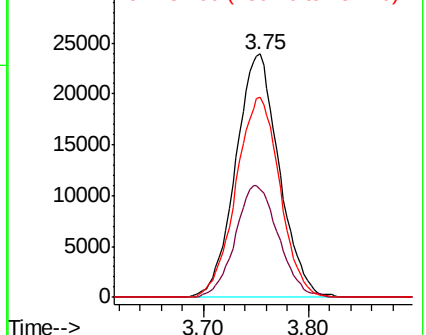
151 82.8 0.0 165.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.716 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

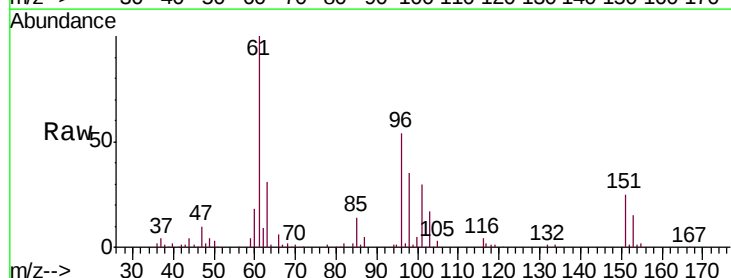
Tgt Ion: 96 Resp: 62135

Ion Ratio Lower Upper

96 100

61 185.5 148.4 222.6

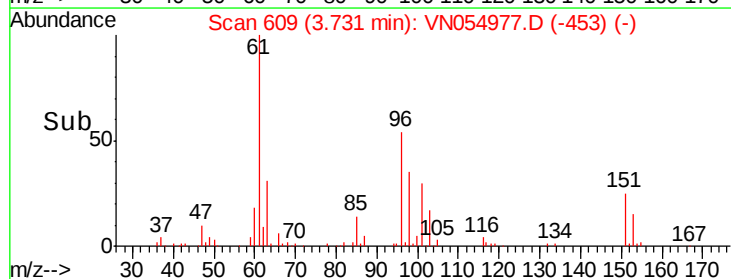
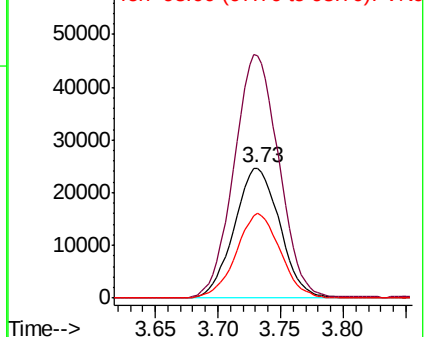
98 65.2 52.2 78.2

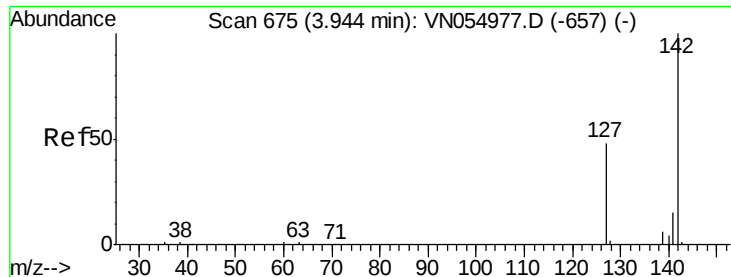


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

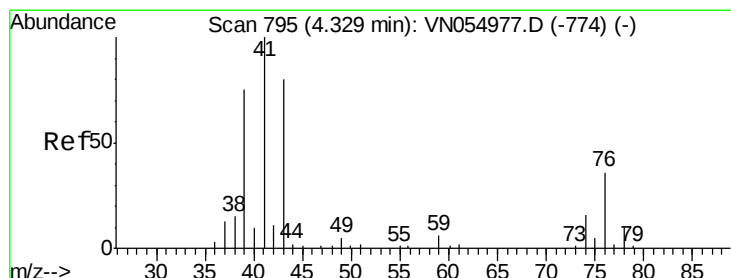
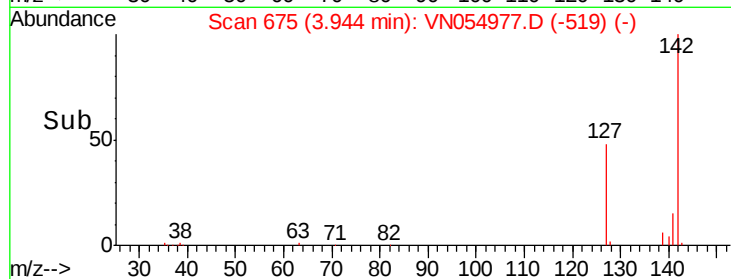
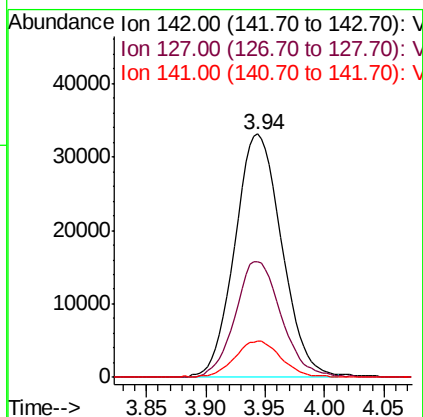
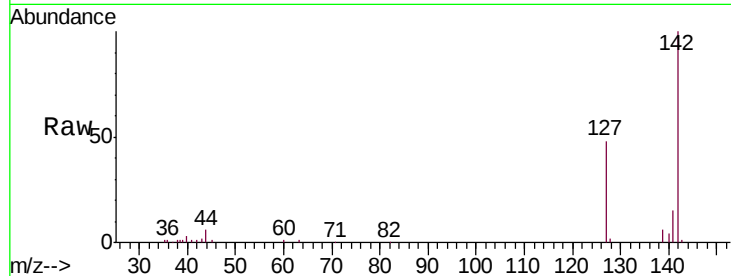




#11
Methyl Iodide
Concen: 18.549 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

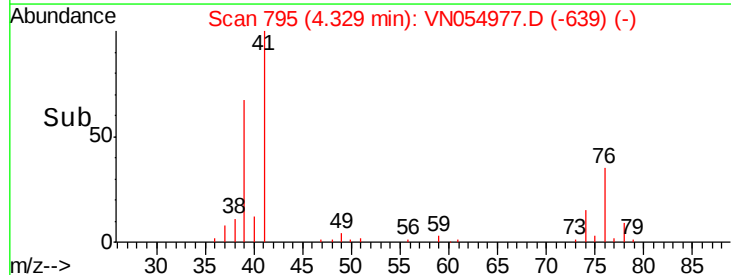
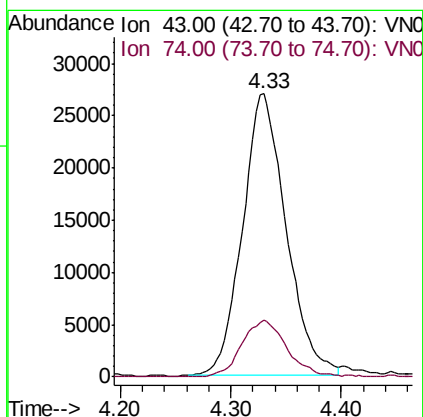
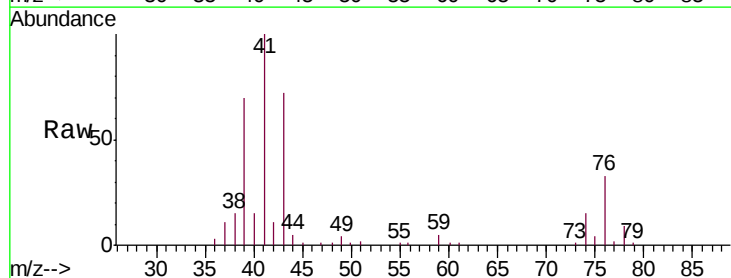
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

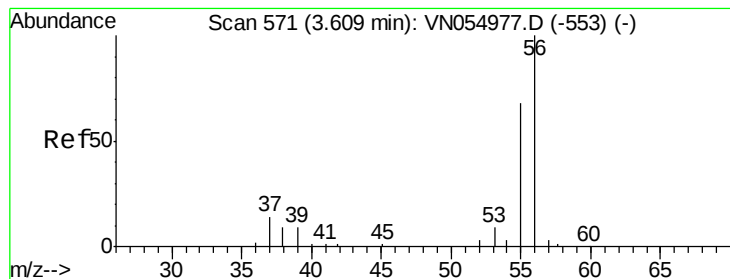
Tgt Ion: 142 Resp: 90527
Ion Ratio Lower Upper
142 100
127 47.7 23.8 71.5
141 14.7 7.3 22.0



#12
Methyl Acetate
Concen: 25.786 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion: 43 Resp: 73585
Ion Ratio Lower Upper
43 100
74 20.3 16.2 24.4





#13

Acrolein

Concen: 116.957 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

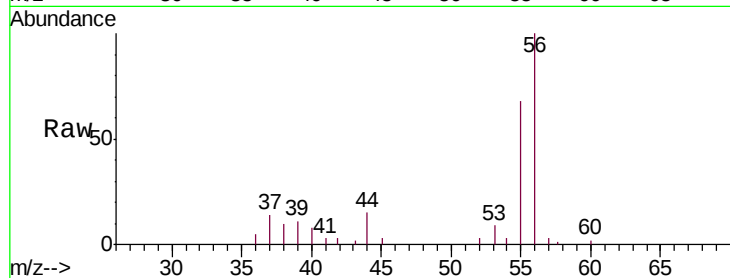
VSTDICCC020

Tgt Ion: 56 Resp: 32005

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VN054977.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN054977.D (-553) (-)

3.61

15000

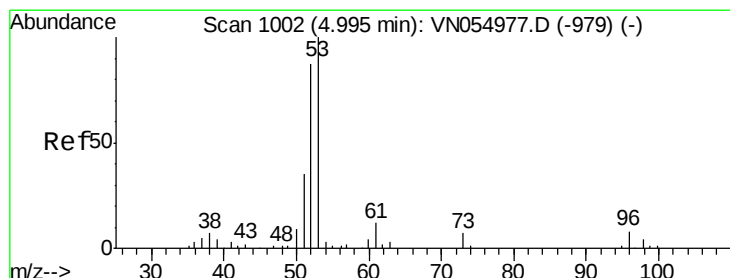
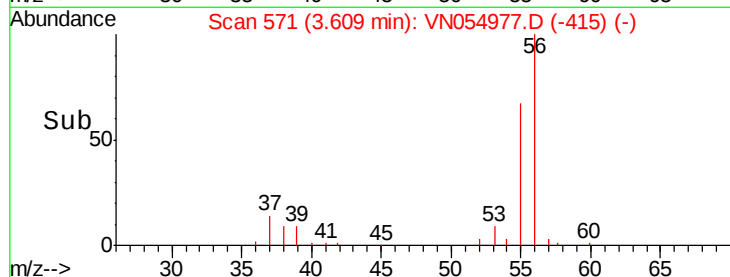
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Acrylonitrile

Concen: 110.717 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

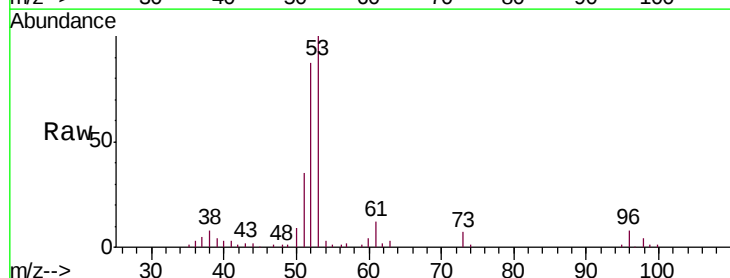
Tgt Ion: 53 Resp: 148643

Ion Ratio Lower Upper

53 100

52 84.5 42.3 126.8

51 37.3 18.6 56.0



Abundance Ion 53.00 (52.70 to 53.70): VN054977.D (-979) (-)

Ion 52.00 (51.70 to 52.70): VN054977.D (-979) (-)

Ion 51.00 (50.70 to 51.70): VN054977.D (-979) (-)

5.00

60000

50000

40000

30000

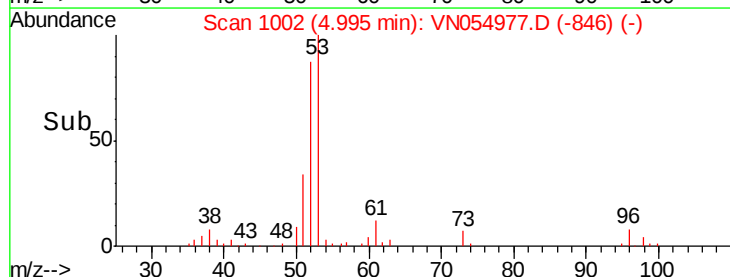
20000

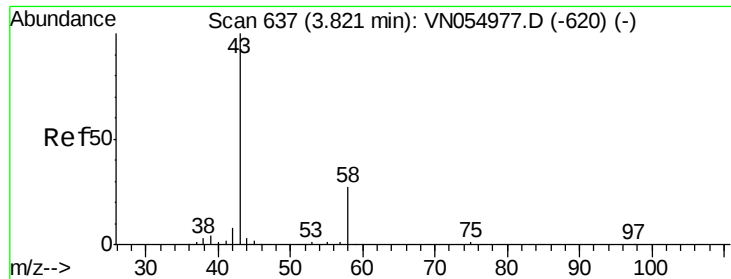
10000

0

Time-->

4.90 5.00 5.10





#15

Acetone

Concen: 114.209 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

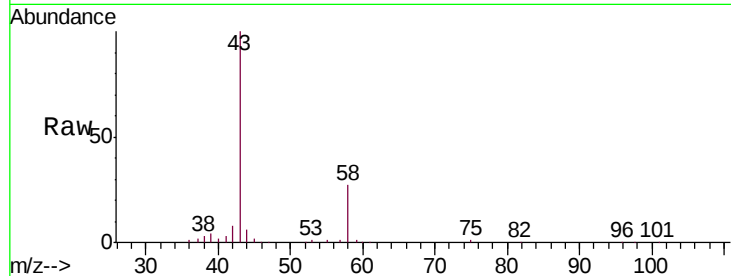
VSTDICCC020

Tgt Ion: 58 Resp: 44396

Ion Ratio Lower Upper

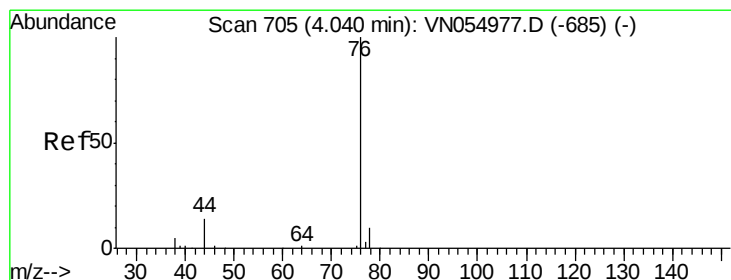
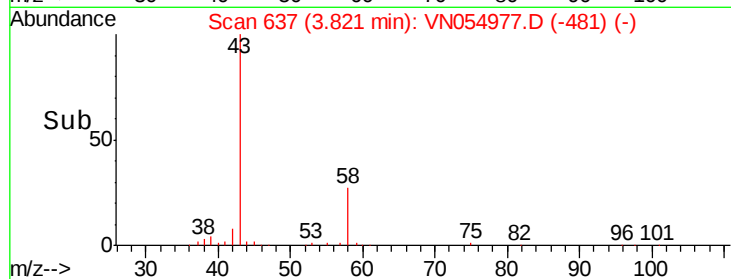
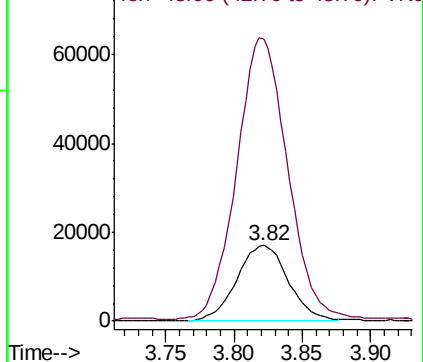
58 100

43 371.5 297.2 445.8



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 18.134 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN054977.D

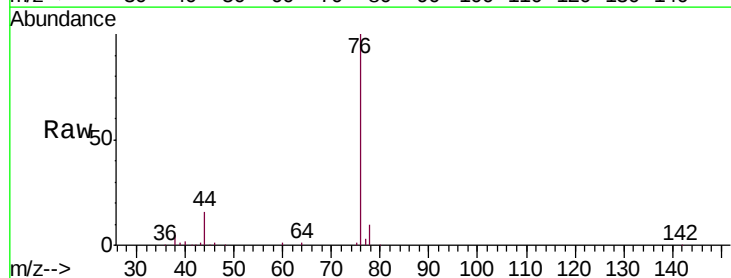
Acq: 11 Apr 2019 14:54

Tgt Ion: 76 Resp: 194325

Ion Ratio Lower Upper

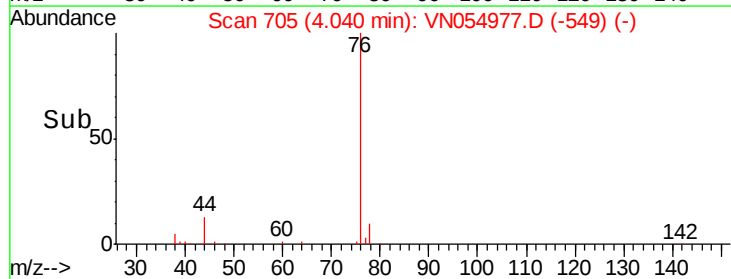
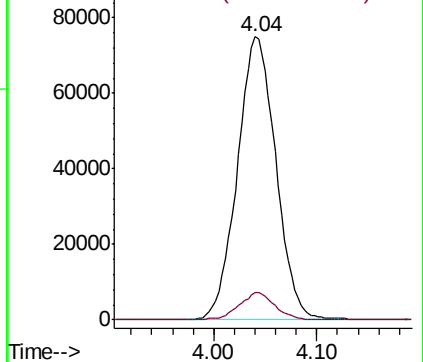
76 100

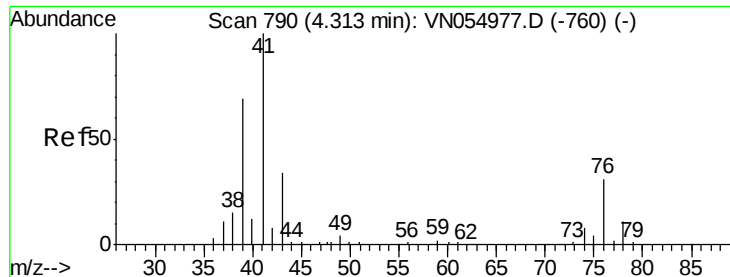
78 9.7 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allyl chloride

Concen: 25.002 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

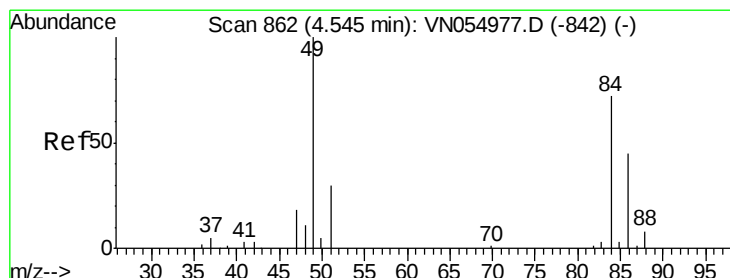
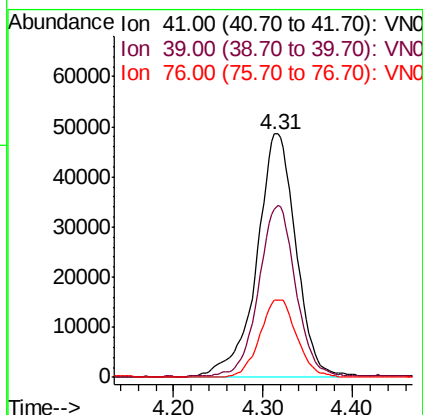
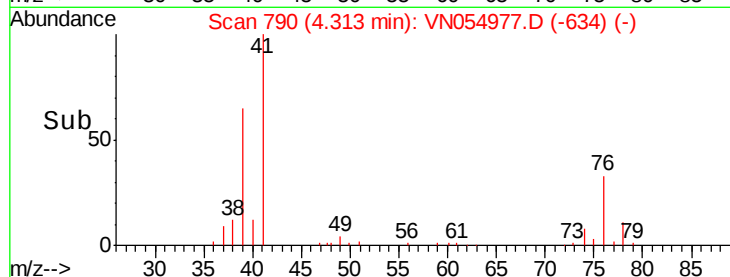
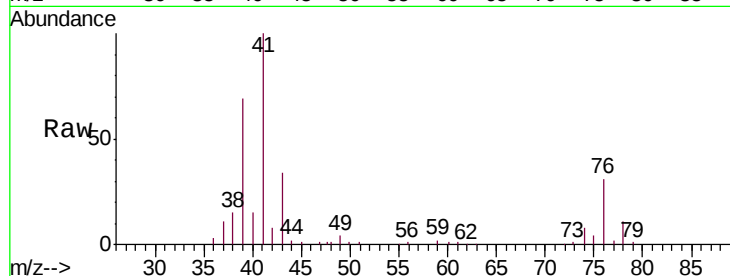
Tgt Ion: 41 Resp: 148750

Ion Ratio Lower Upper

41 100

39 68.6 34.3 102.9

76 31.5 15.8 47.3



#18

Methylene Chloride

Concen: 22.972 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Tgt Ion: 84 Resp: 89565

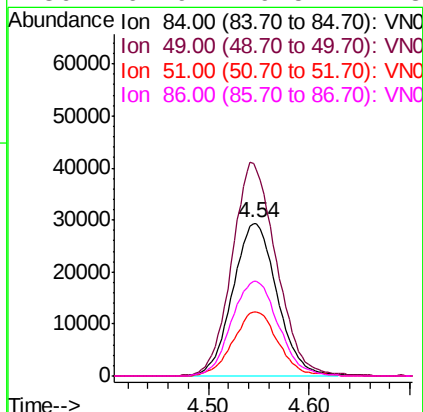
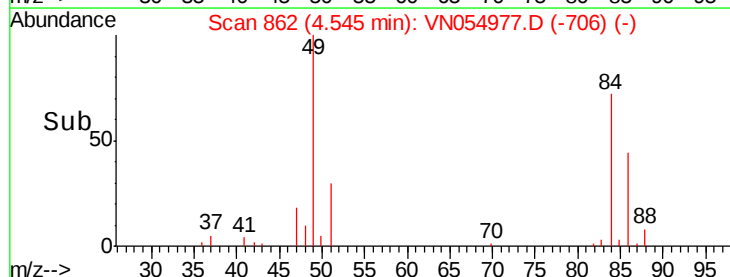
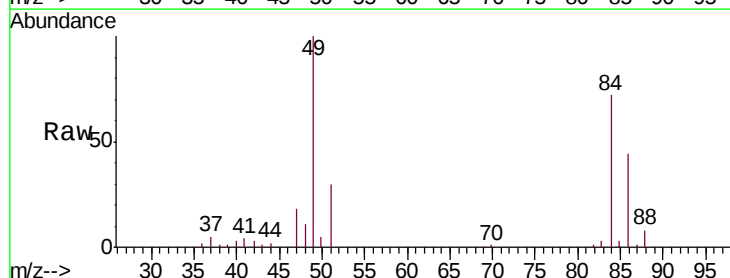
Ion Ratio Lower Upper

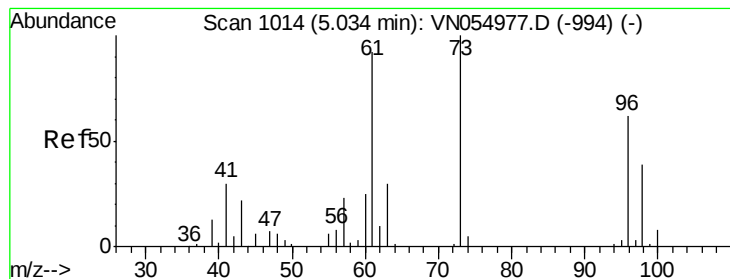
84 100

49 138.7 111.0 166.4

51 41.8 33.4 50.2

86 61.9 49.5 74.3





#19

trans-1,2-Dichloroethene

Concen: 21.892 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

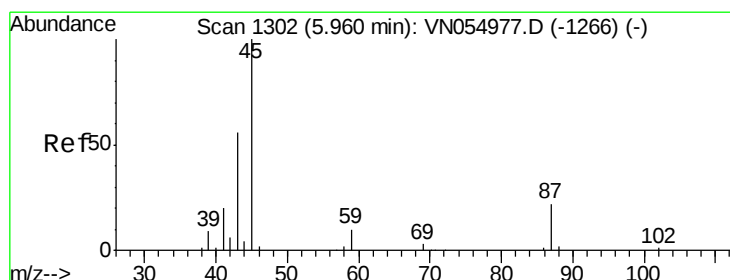
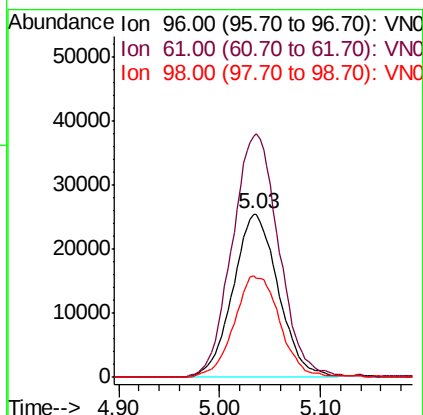
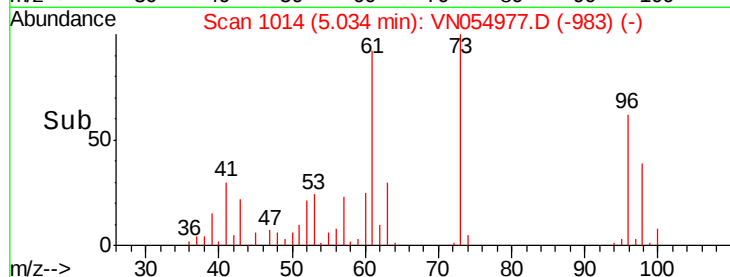
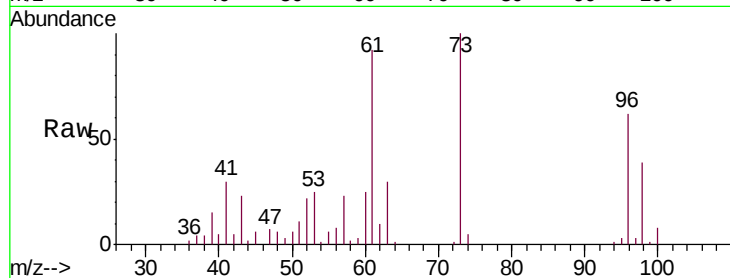
Tgt Ion: 96 Resp: 79521

Ion Ratio Lower Upper

96 100

61 146.5 117.2 175.8

98 61.8 49.4 74.2



#20

Diisopropyl ether

Concen: 25.123 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Tgt Ion: 45 Resp: 300273

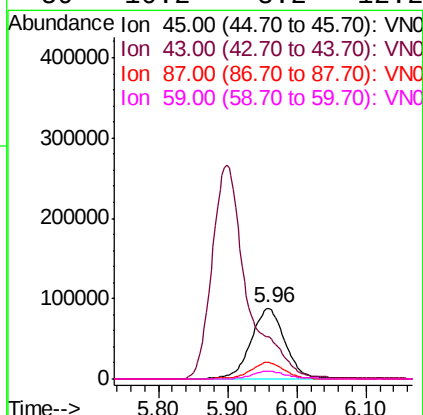
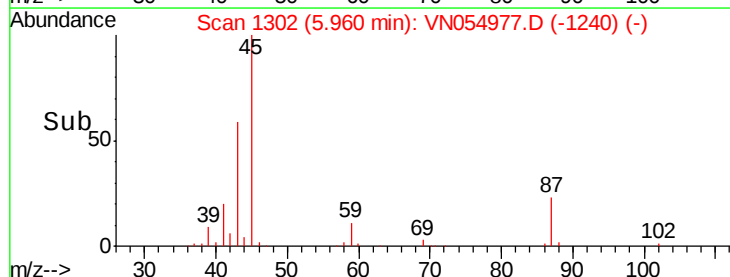
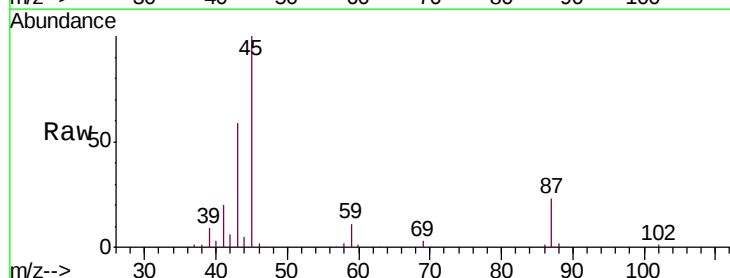
Ion Ratio Lower Upper

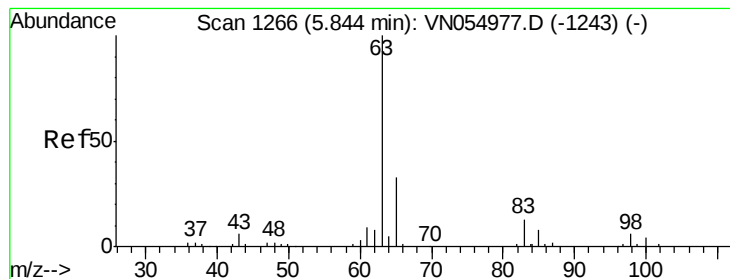
45 100

43 57.3 45.8 68.8

87 22.8 18.2 27.4

59 10.2 8.2 12.2





#21

1,1-Dichloroethane

Concen: 23.123 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

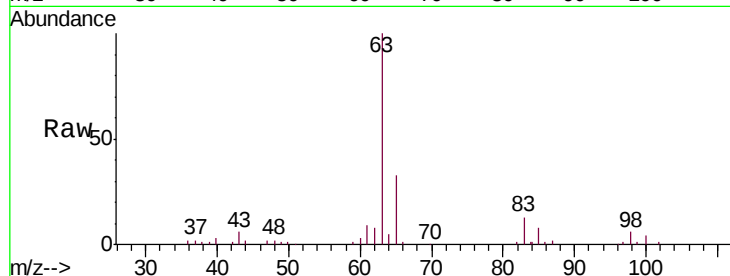
Tgt Ion: 63 Resp: 163005

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.7

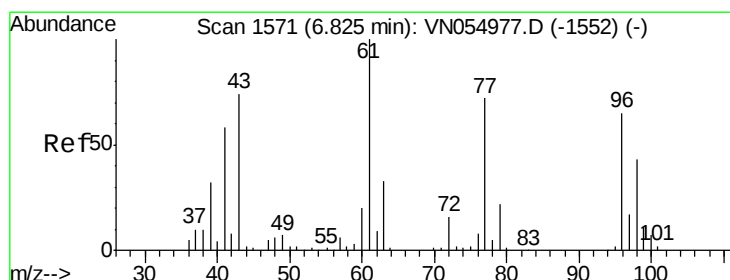
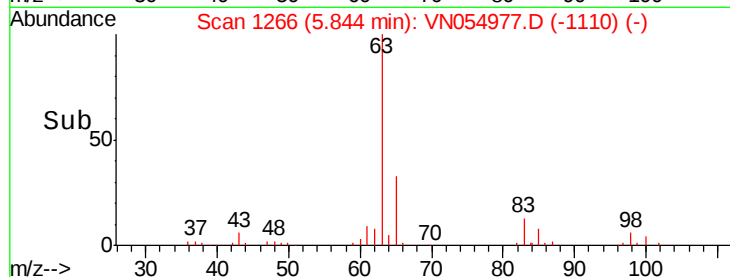
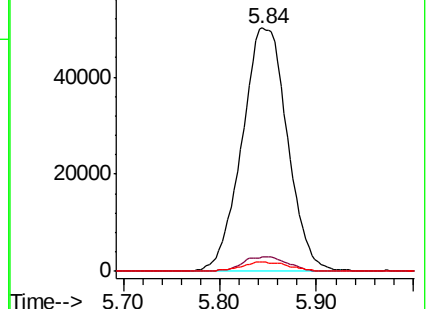
100 3.9 2.0 5.8



Abundance Ion 63.00 (62.70 to 63.70): VN054977.D (-1243) (-)

Ion 98.00 (97.70 to 98.70): VN054977.D (-1243) (-)

Ion 100.00 (99.70 to 100.70): VN054977.D (-1243) (-)



#22

cis-1,2-Dichloroethene

Concen: 22.486 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

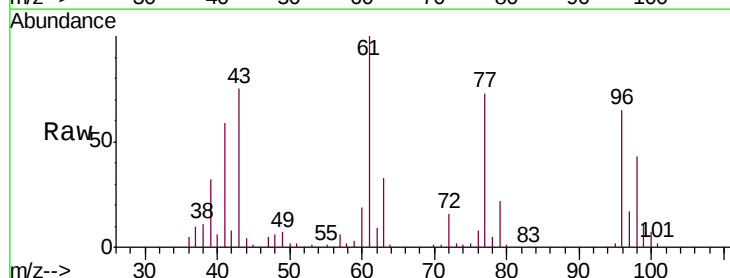
Tgt Ion: 96 Resp: 91225

Ion Ratio Lower Upper

96 100

61 156.3 125.0 187.6

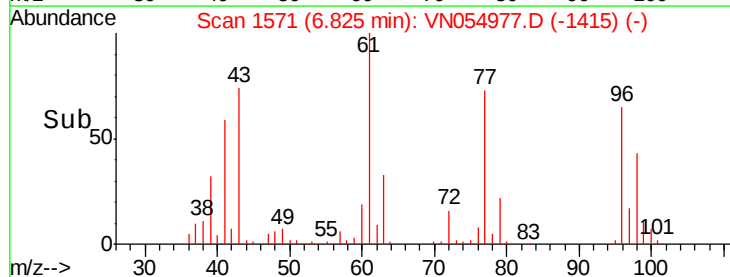
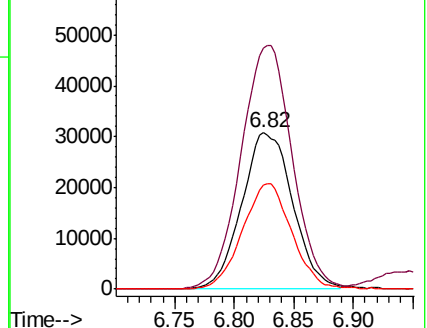
98 65.2 52.2 78.2

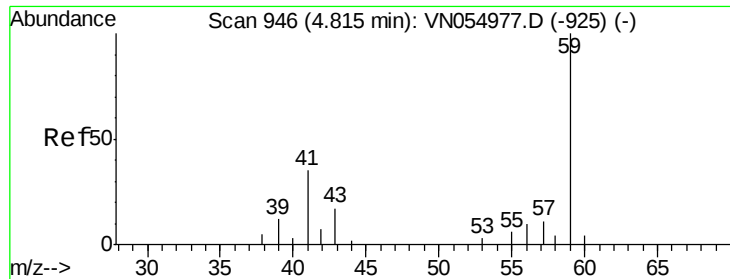


Abundance Ion 96.00 (95.70 to 96.70): VN054977.D (-1552) (-)

Ion 61.00 (60.70 to 61.70): VN054977.D (-1552) (-)

Ion 98.00 (97.70 to 98.70): VN054977.D (-1552) (-)

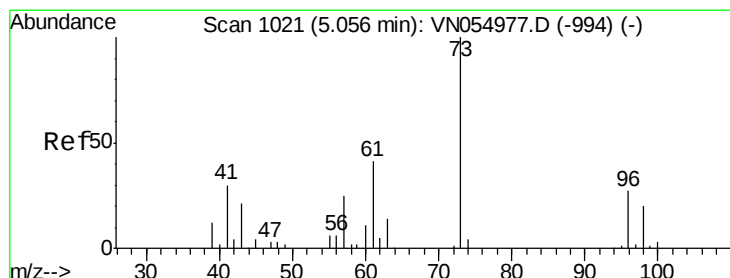
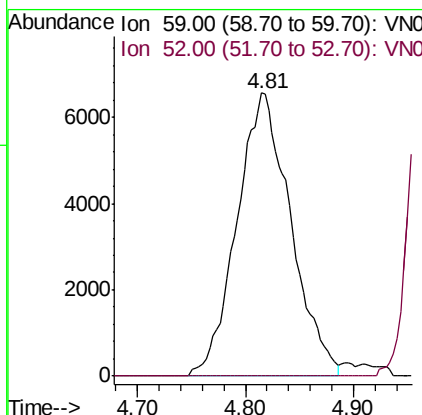
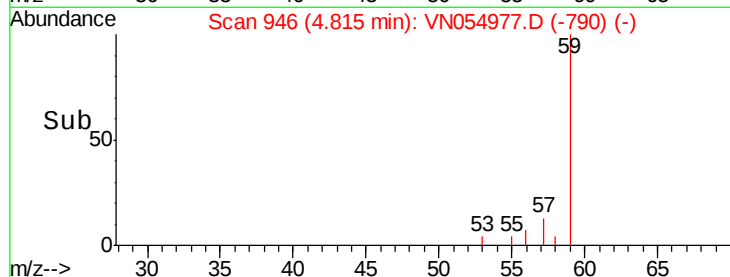
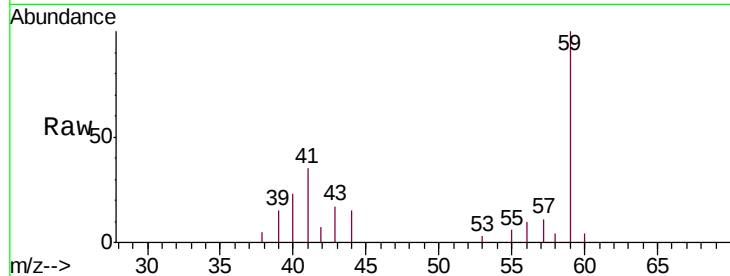




#23
 tert-Butyl Alcohol
 Concen: 95.856 ug/l
 RT: 4.81 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

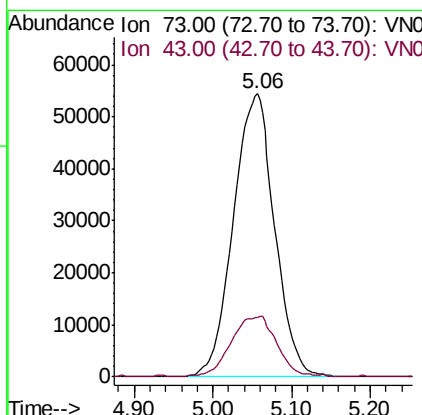
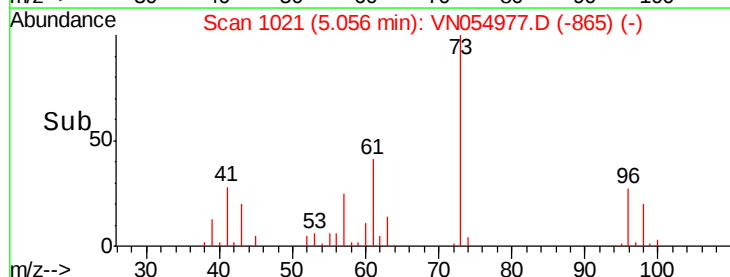
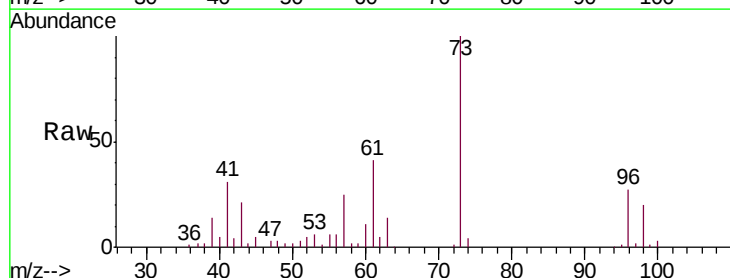
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

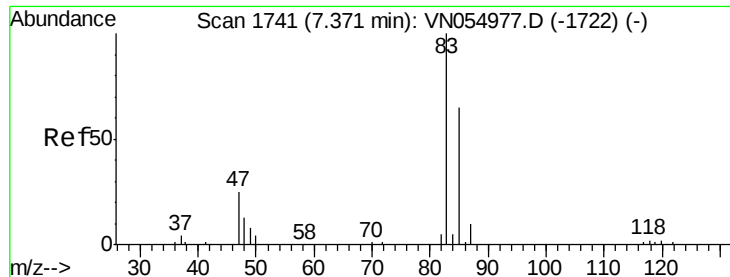
Tgt Ion: 59 Resp: 22708
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 22.219 ug/l
 RT: 5.06 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 73 Resp: 199836
 Ion Ratio Lower Upper
 73 100
 43 10.0 8.0 12.0

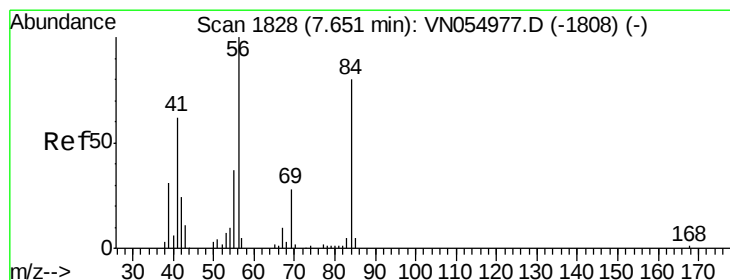
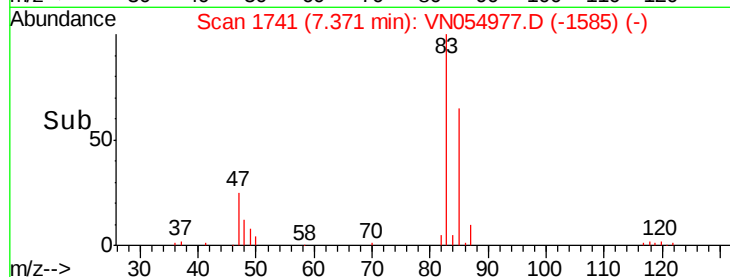
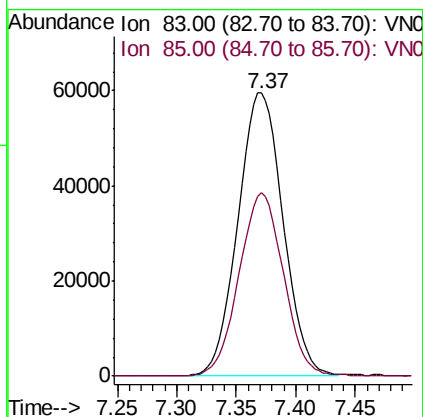
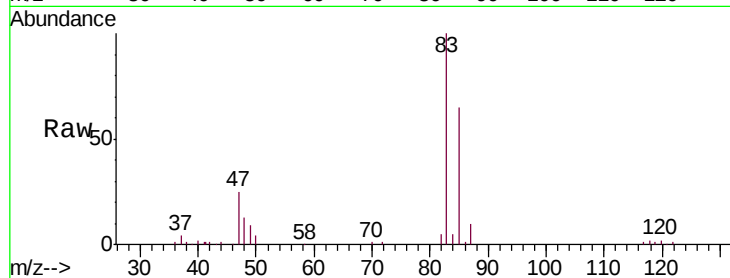




#25
Chloroform
Concen: 23.044 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

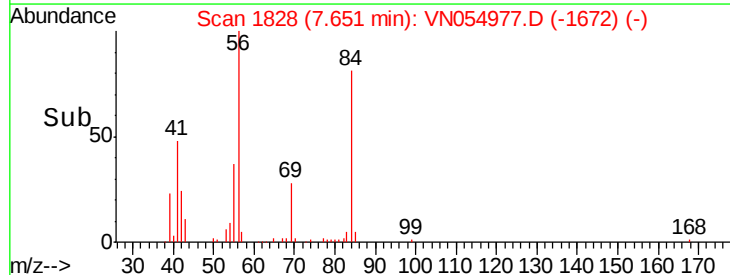
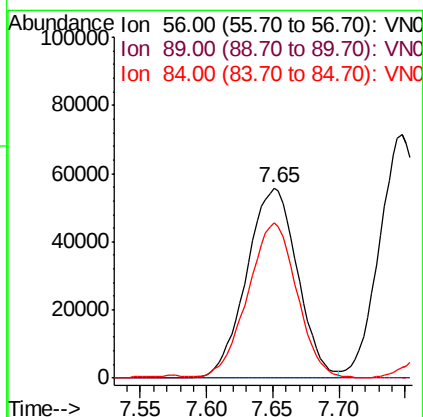
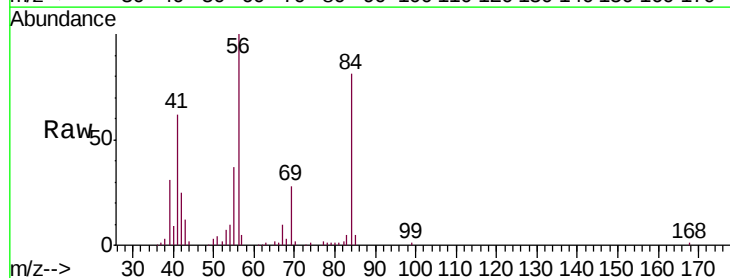
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

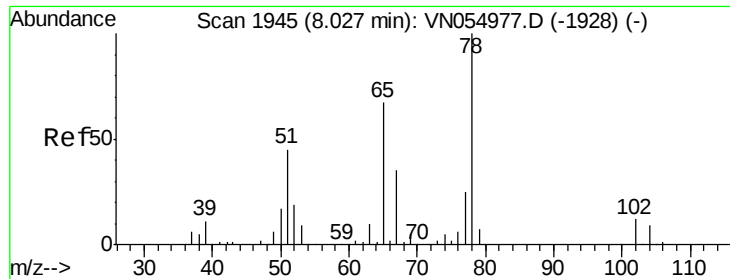
Tgt Ion: 83 Resp: 156572
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8



#26
Cyclohexane
Concen: 23.369 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion: 56 Resp: 149106
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 79.4 63.5 95.3





#27

1,2-Dichloroethane-d4

Concen: 23.369 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

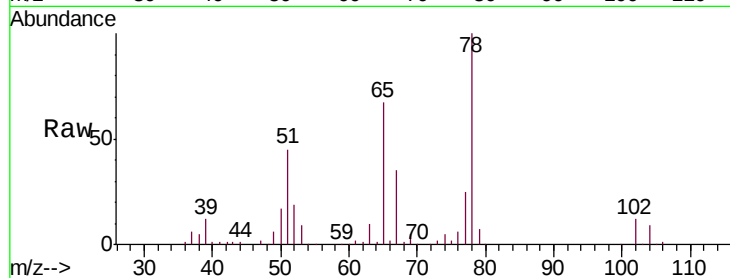
VSTDICCC020

Tgt Ion: 65 Resp: 164167

Ion Ratio Lower Upper

65 100

67 52.3 41.8 62.8



Abundance Ion 65.00 (64.70 to 65.70): VN054977.D (-1928) (-)

Ion 67.00 (66.70 to 67.70): VN054977.D (-1928) (-)

8.03

60000

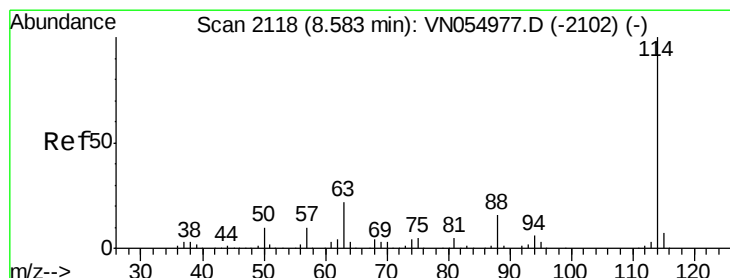
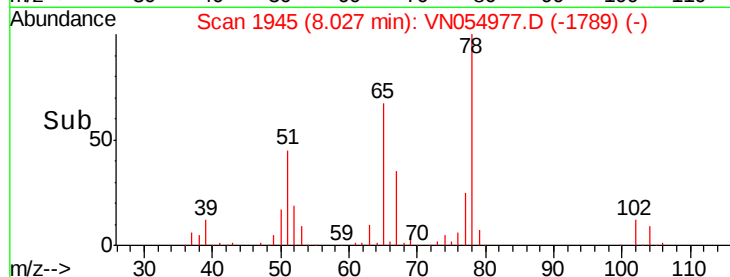
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

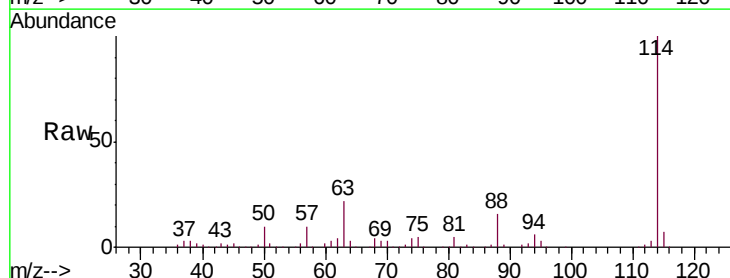
Tgt Ion: 114 Resp: 389900

Ion Ratio Lower Upper

114 100

63 21.2 17.0 25.4

88 15.4 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): VN054977.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN054977.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN054977.D (-2102) (-)

8.58

200000

150000

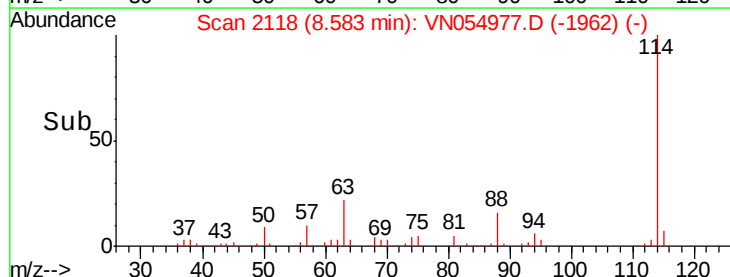
100000

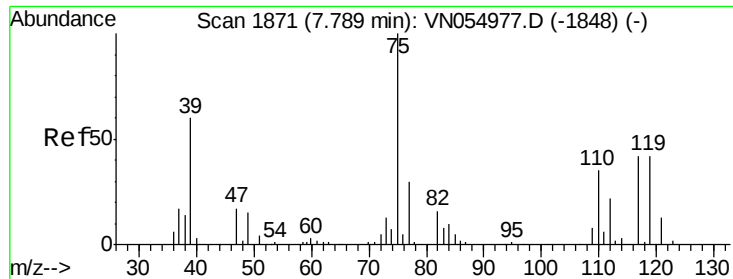
50000

0

8.50 8.60 8.70

Time-->

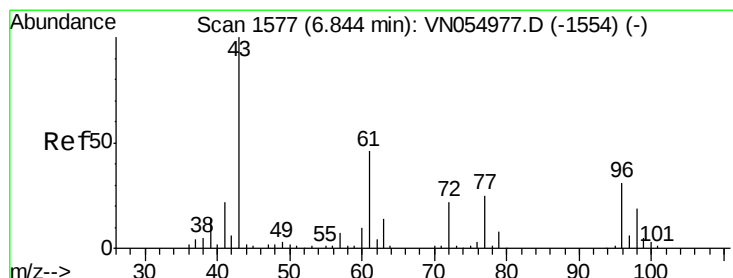
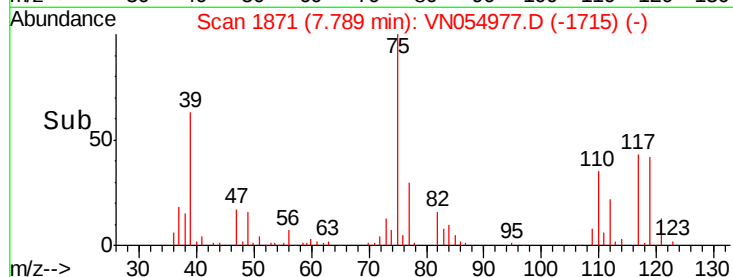
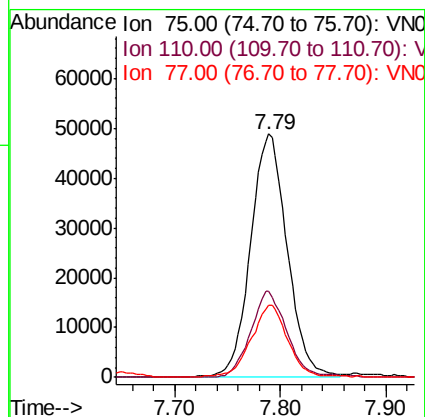
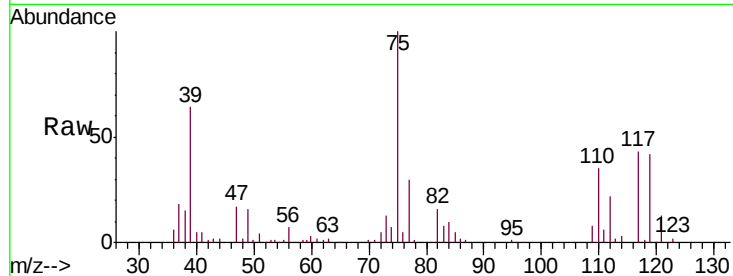




#29
 1,1-Dichloropropene
 Concen: 22.110 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

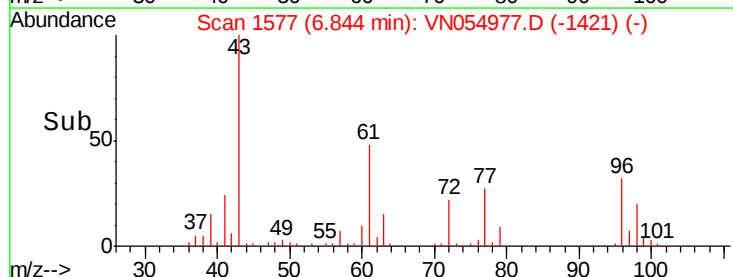
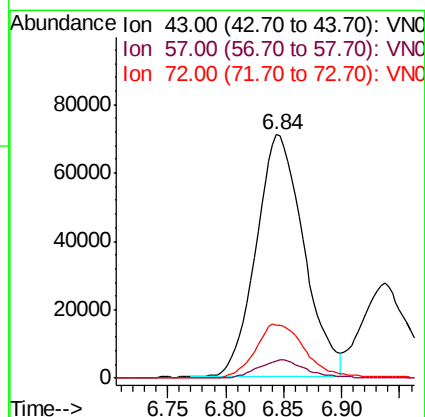
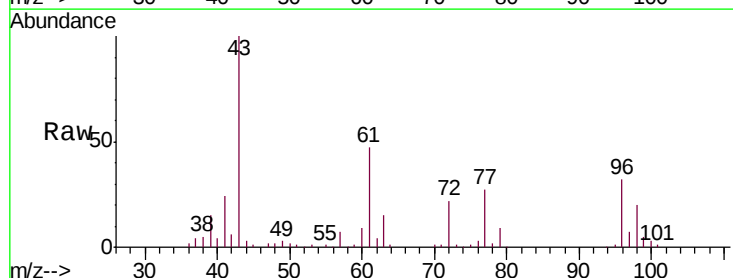
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

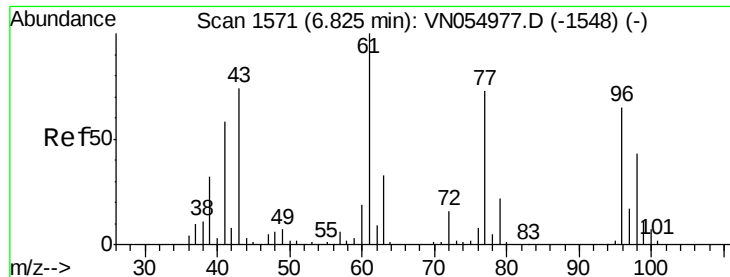
Tgt Ion: 75 Resp: 118323
 Ion Ratio Lower Upper
 75 100
 110 34.2 0.0 68.4
 77 29.3 0.0 58.6



#30
 2-Butanone
 Concen: 120.272 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 43 Resp: 202852
 Ion Ratio Lower Upper
 43 100
 57 7.5 6.0 9.0
 72 23.2 18.6 27.8

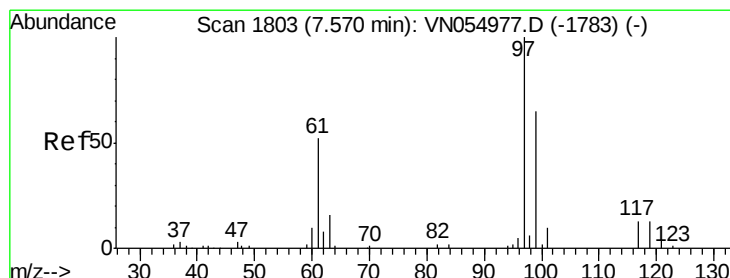
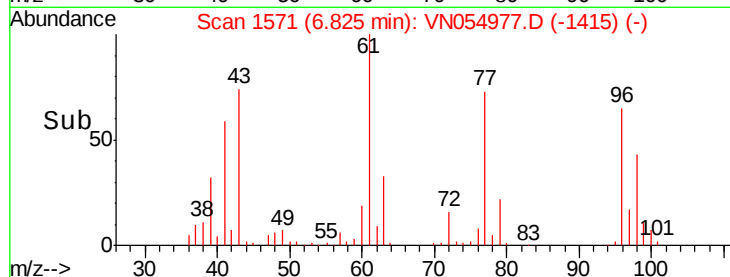
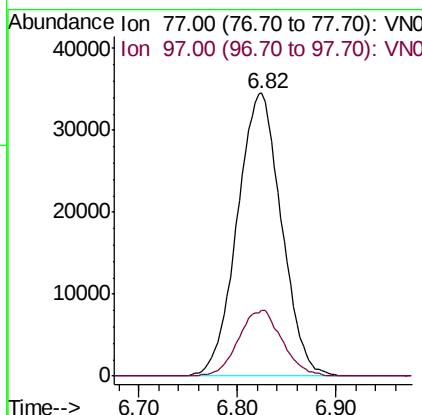
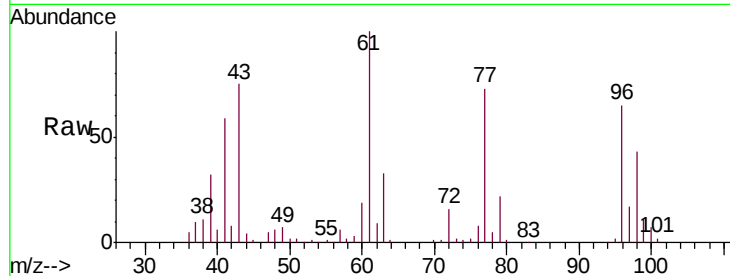




#31
 2,2-Dichloropropane
 Concen: 20.377 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

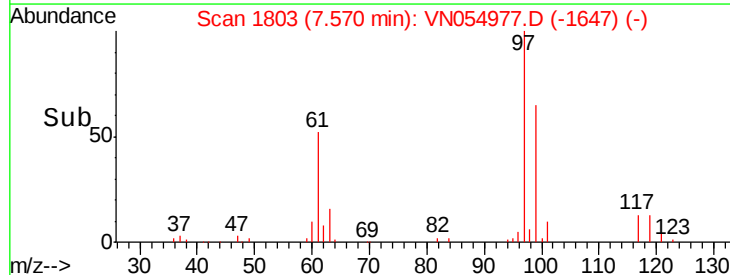
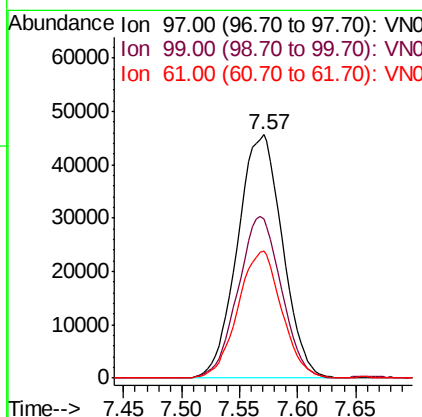
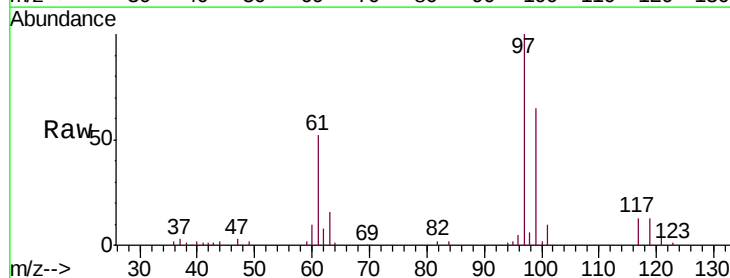
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

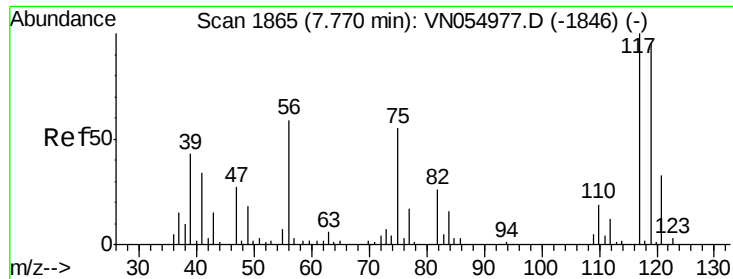
Tgt Ion: 77 Resp: 107085
 Ion Ratio Lower Upper
 77 100
 97 0.0 0.0 0.0



#32
 1,1,1-Trichloroethane
 Concen: 21.413 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 97 Resp: 123233
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.2 76.8
 61 50.7 40.6 60.8

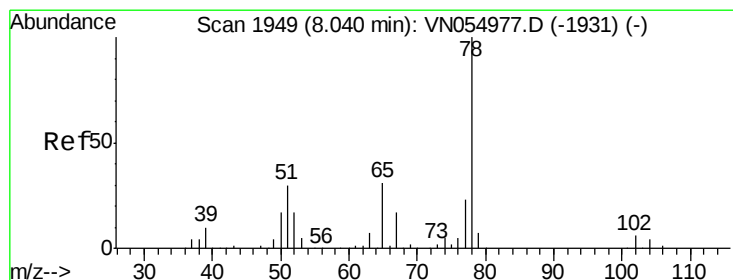
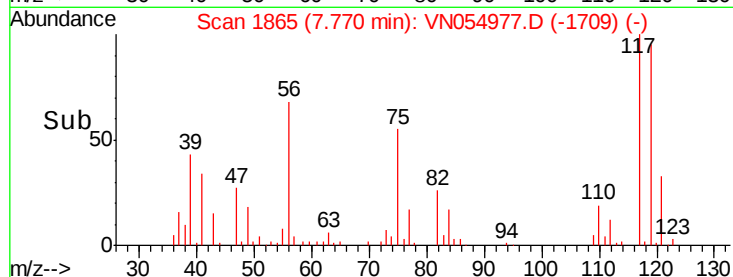
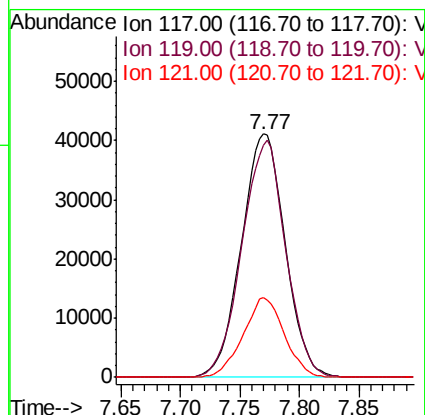
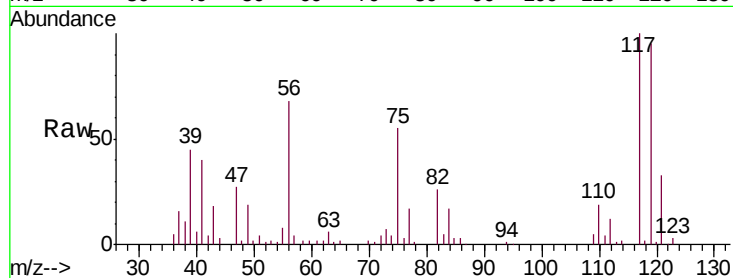




#33
Carbon Tetrachloride
Concen: 20.627 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

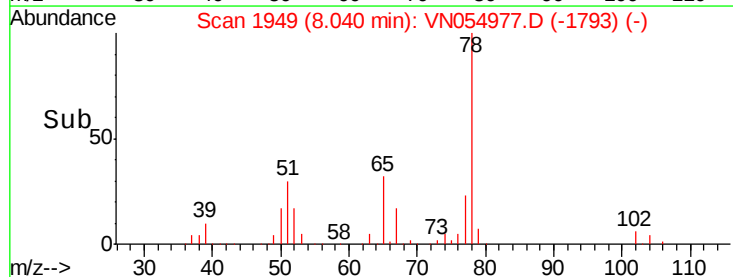
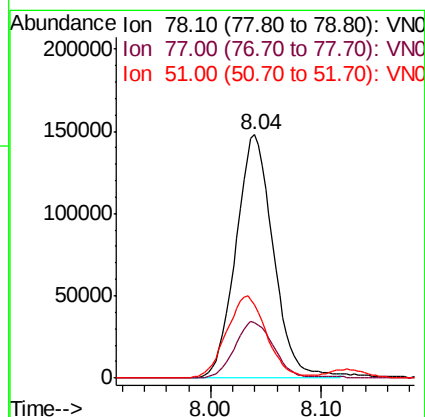
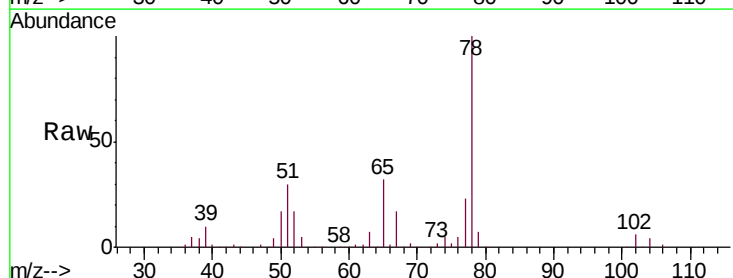
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

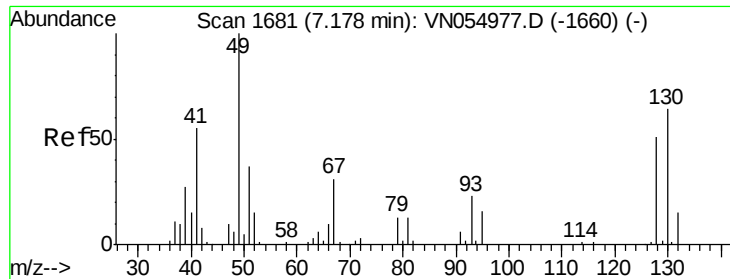
Tgt Ion: 117 Resp: 104869
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 32.8 26.2 39.4



#34
Benzene
Concen: 21.898 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion: 78 Resp: 348203
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.4
51 29.6 23.7 35.5

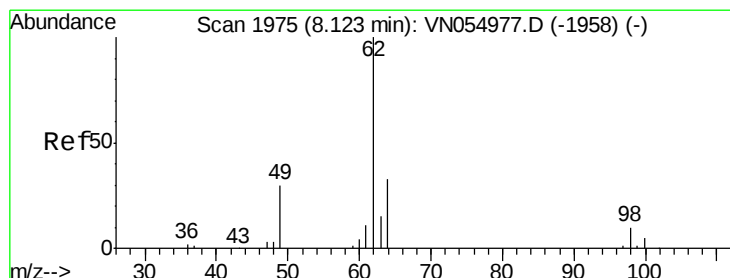
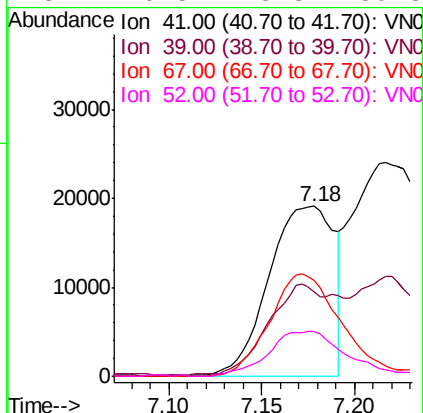
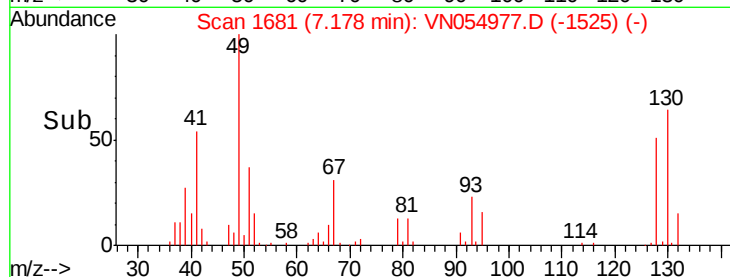
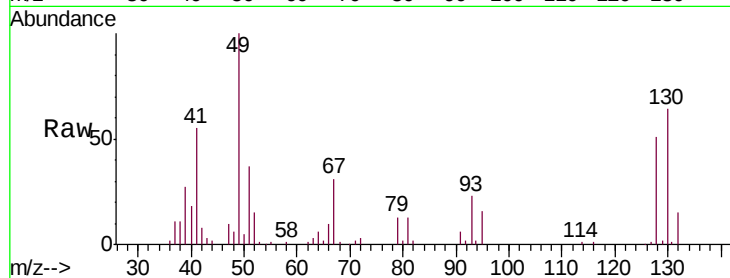




#35
Methacrylonitrile
Concen: 24.357 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

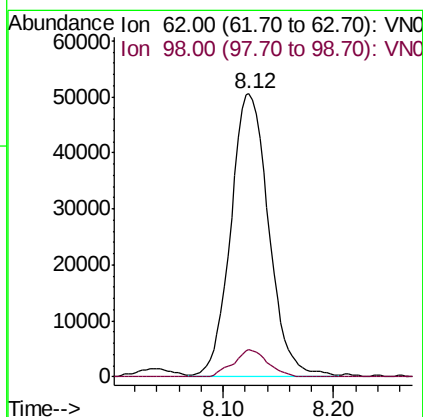
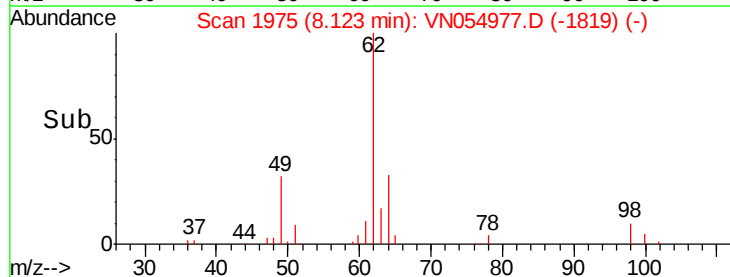
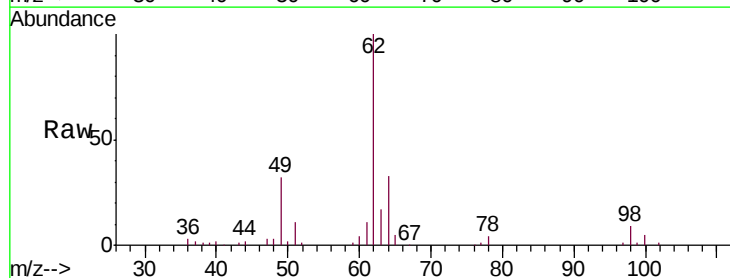
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

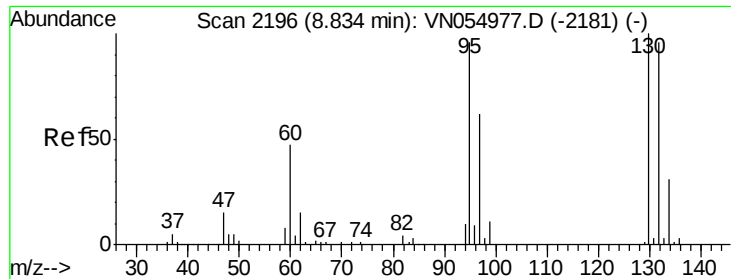
Tgt Ion:	41	Resp:	46871
Ion	Ratio	Lower	Upper
41	100		
39	48.4	24.2	72.6
67	56.1	28.1	84.2
52	26.5	13.3	39.8



#36
1,2-Dichloroethane
Concen: 23.280 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion:	62	Resp:	120213
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.9	10.3

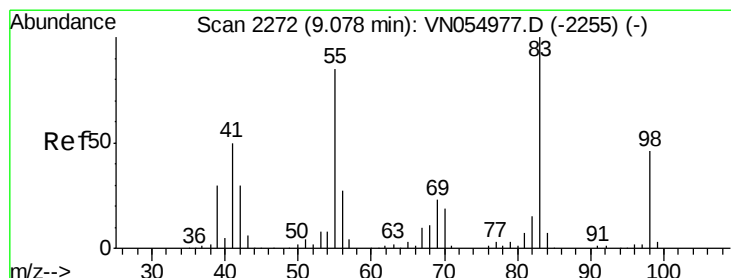
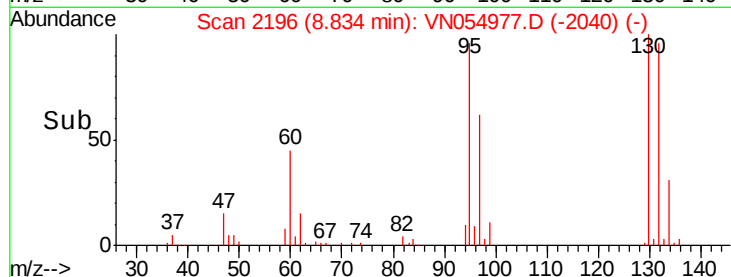
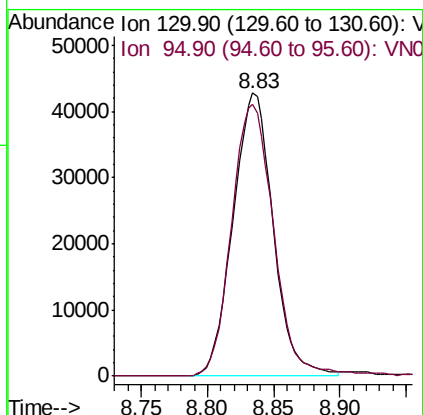
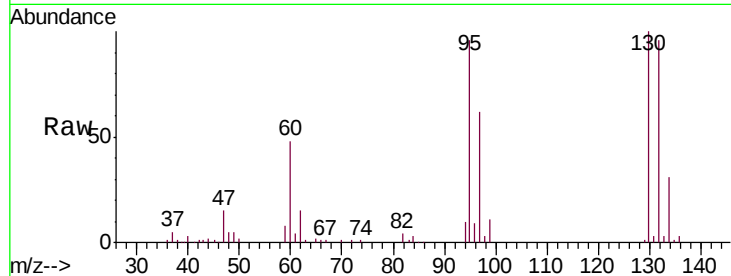




#37
 Trichloroethene
 Concen: 21.638 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

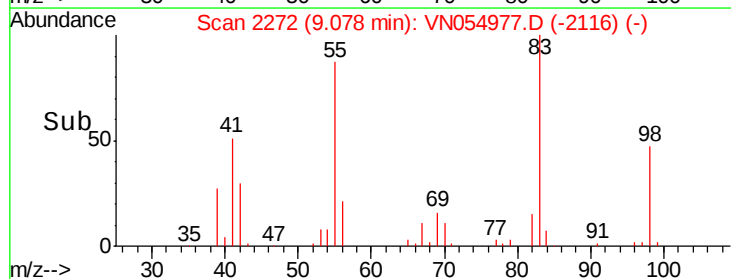
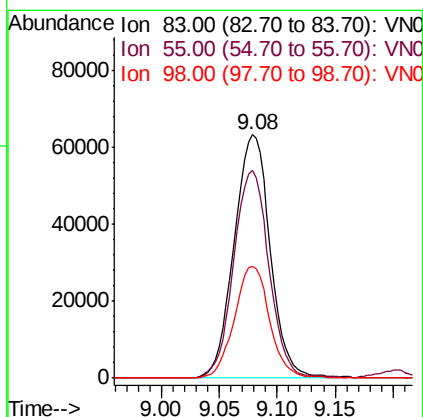
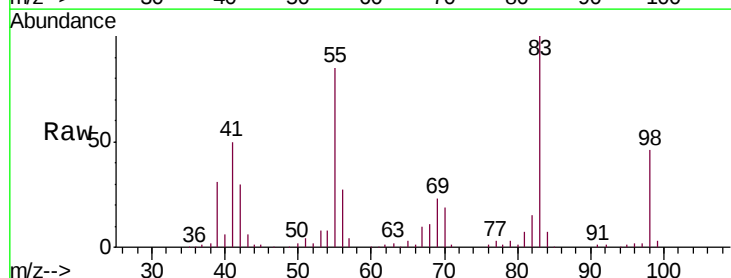
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

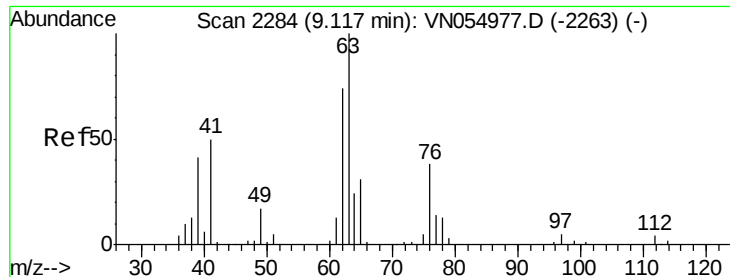
Tgt Ion: 130 Resp: 90112
 Ion Ratio Lower Upper
 130 100
 95 95.8 76.6 115.0



#38
 Methylcyclohexane
 Concen: 21.734 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 83 Resp: 137107
 Ion Ratio Lower Upper
 83 100
 55 83.7 41.9 125.6
 98 44.7 22.4 67.0

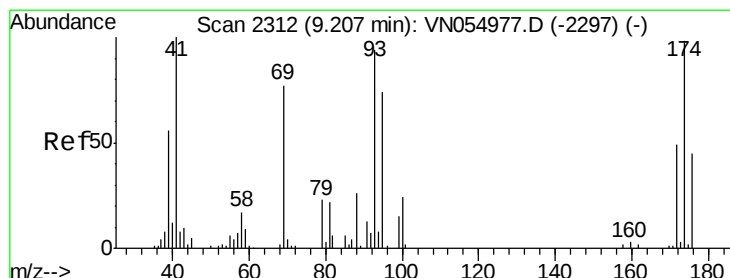
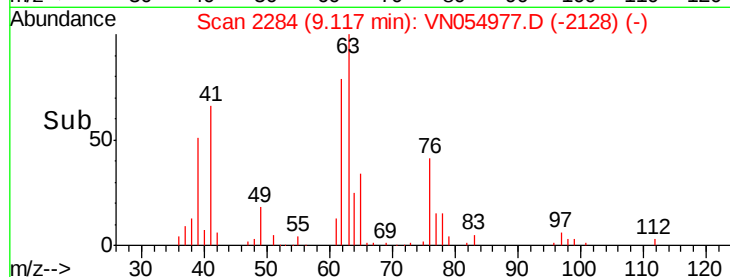
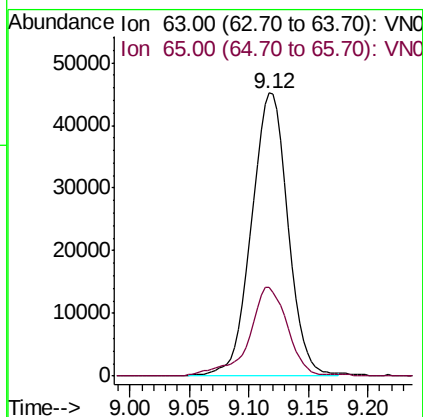
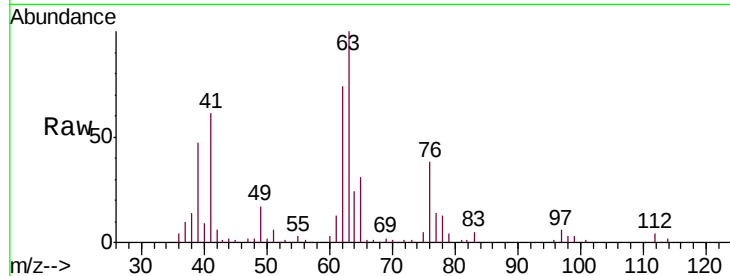




#39
 1,2-Dichloropropane
 Concen: 21.980 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

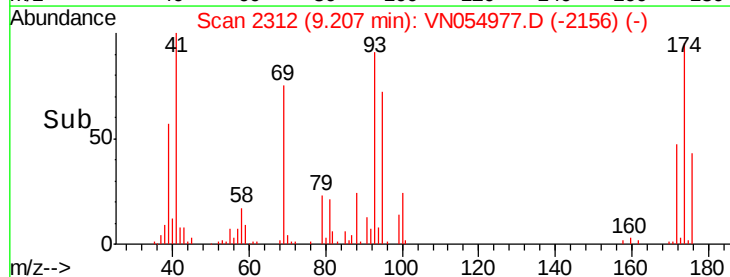
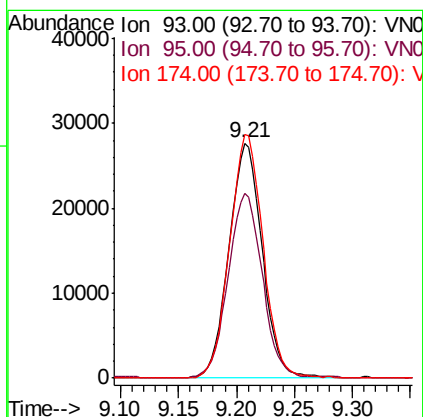
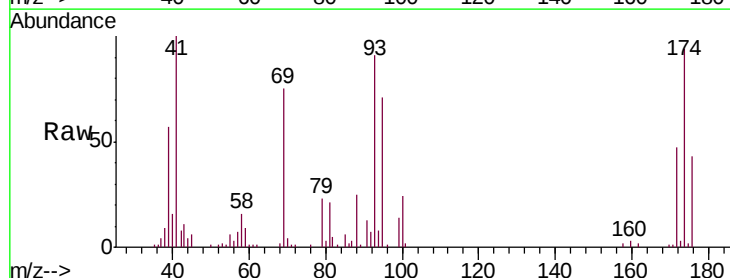
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

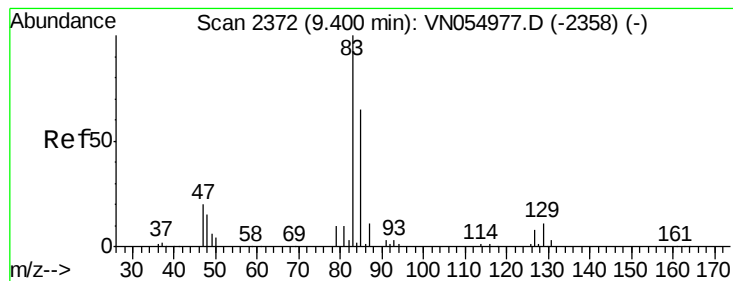
Tgt Ion: 63 Resp: 96130
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#40
 Dibromomethane
 Concen: 22.030 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 93 Resp: 55070
 Ion Ratio Lower Upper
 93 100
 95 80.4 0.0 160.8
 174 103.2 0.0 206.4





#41

Bromodichloromethane

Concen: 20.715 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

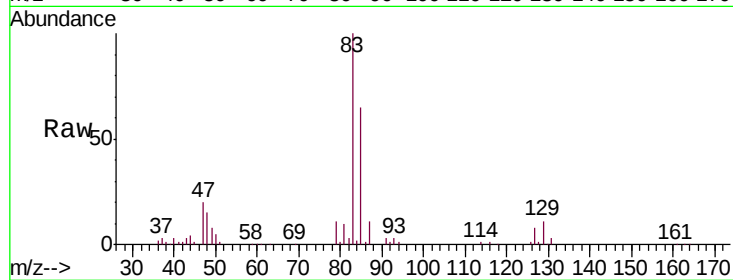
Tgt Ion: 83 Resp: 109321

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

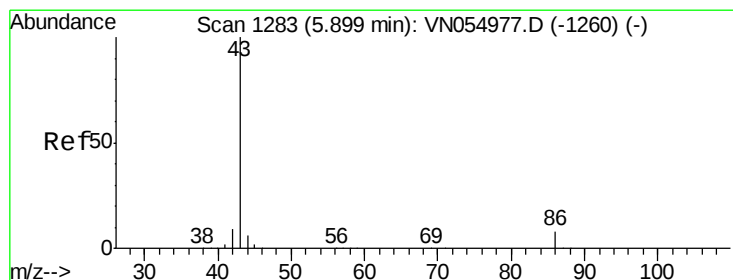
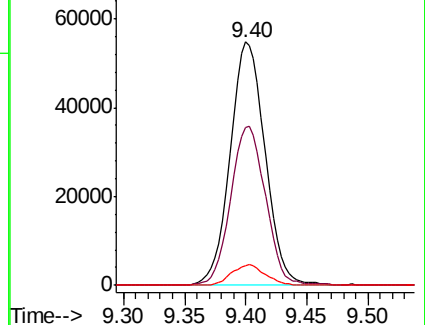
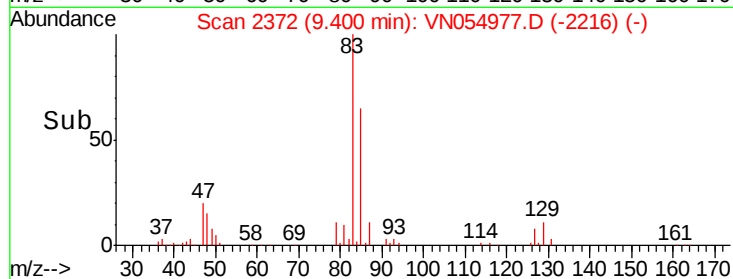
127 9.0 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VN054977.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN054977.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN054977.D (-2358) (-)



#42

Vinyl Acetate

Concen: 108.733 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054977.D

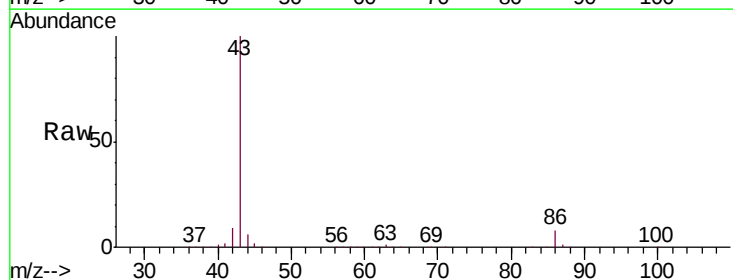
Acq: 11 Apr 2019 14:54

Tgt Ion: 43 Resp: 938491

Ion Ratio Lower Upper

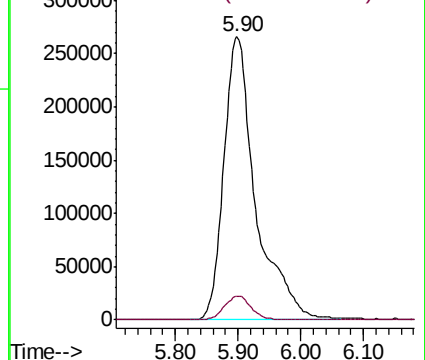
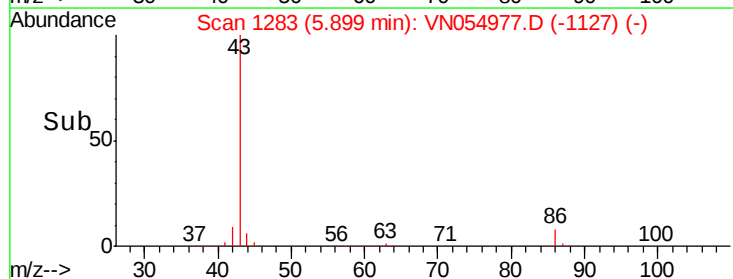
43 100

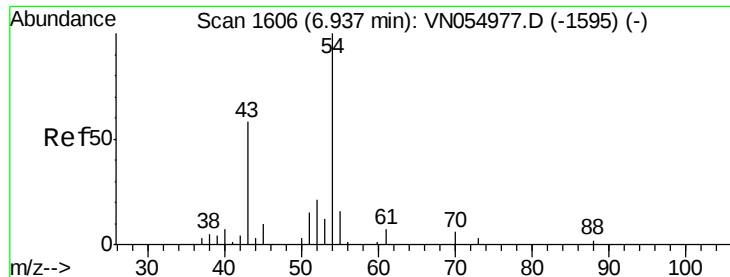
86 7.1 5.7 8.5



Abundance Ion 43.00 (42.70 to 43.70): VN054977.D (-1260) (-)

Ion 86.00 (85.70 to 86.70): VN054977.D (-1260) (-)





#43

Ethyl Acetate

Concen: 22.066 ug/l

RT: 6.94 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

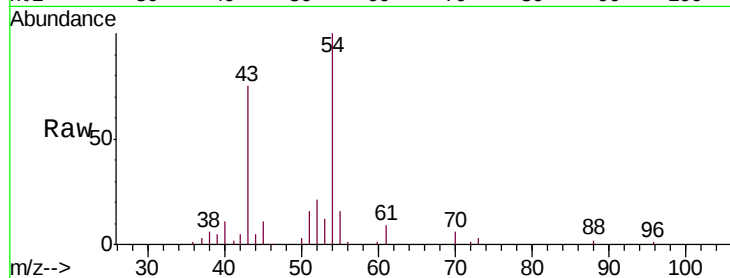
VSTDICCC020

Tgt Ion: 43 Resp: 77724

Ion Ratio Lower Upper

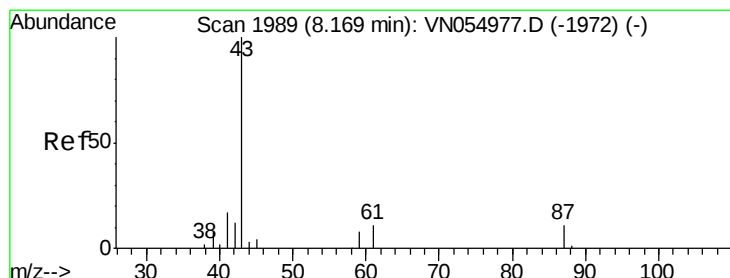
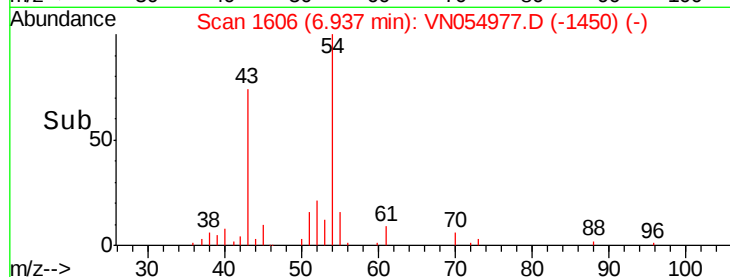
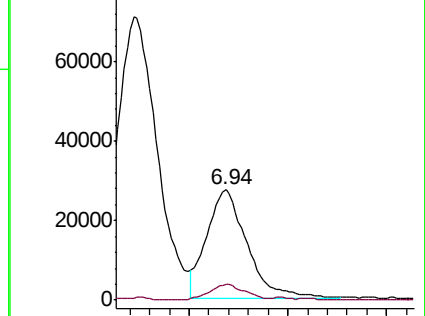
43 100

45 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 20.383 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054977.D

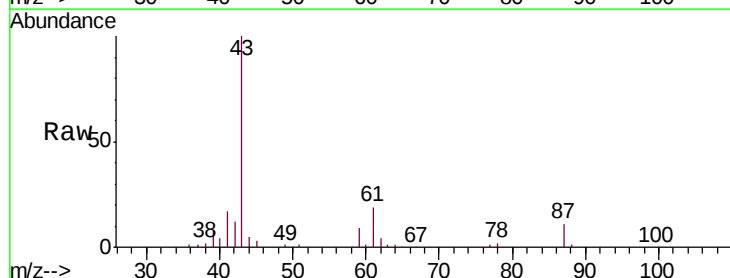
Acq: 11 Apr 2019 14:54

Tgt Ion: 43 Resp: 125133

Ion Ratio Lower Upper

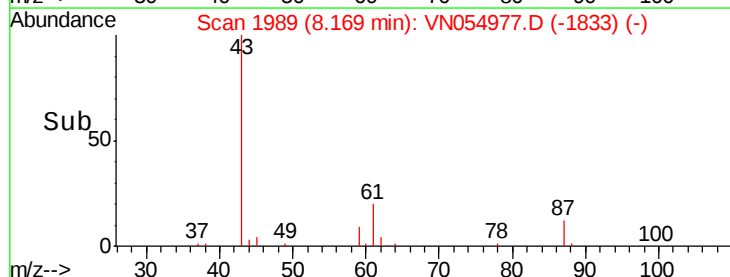
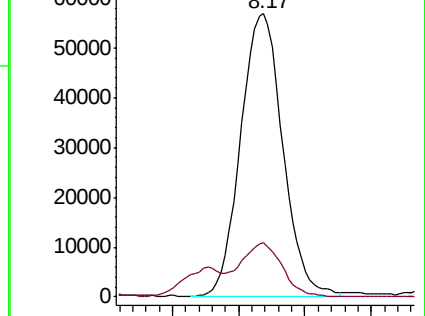
43 100

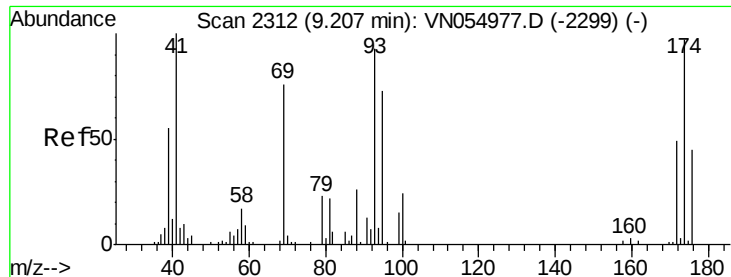
61 18.5 14.8 22.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

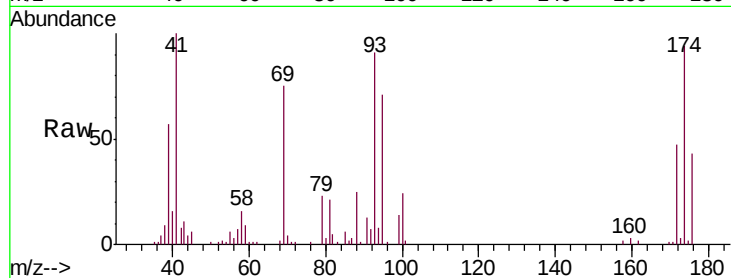




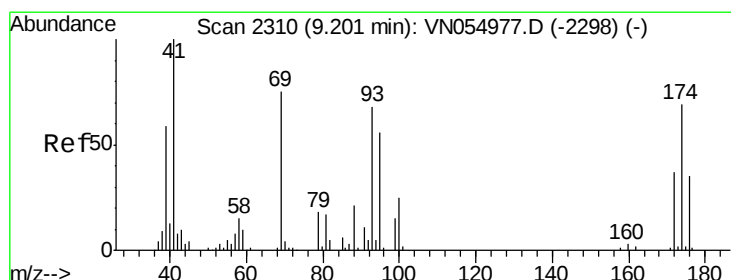
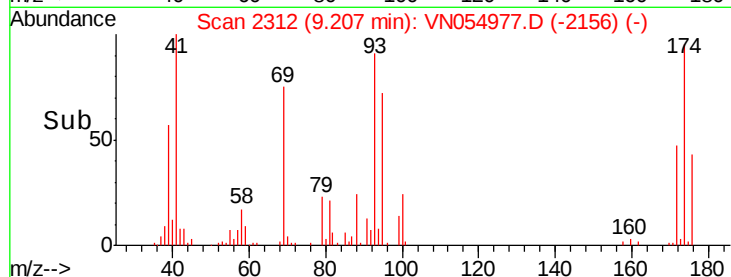
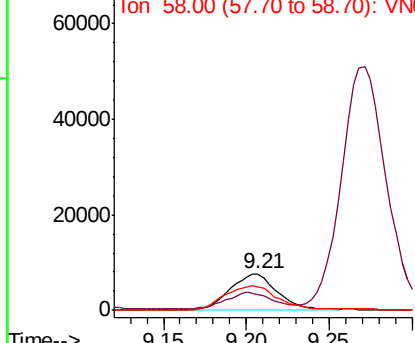
#45
 1,4-Dioxane
 Concen: 470.876 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 88 Resp: 15367
 Ion Ratio Lower Upper
 88 100
 43 43.1 34.5 51.7
 58 75.4 60.3 90.5

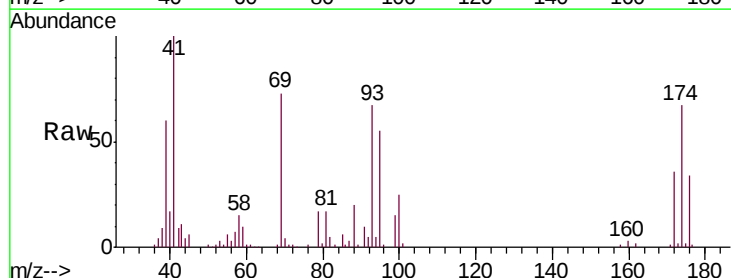


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

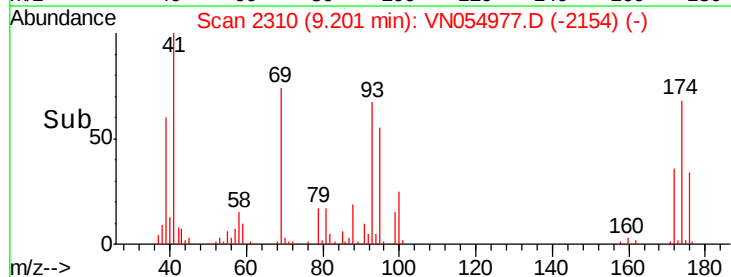
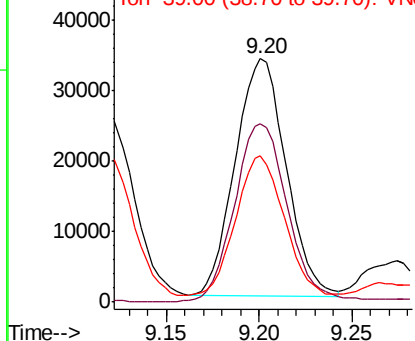


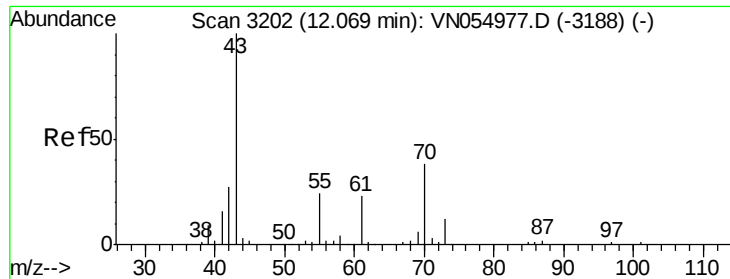
#46
 Methyl methacrylate
 Concen: 21.590 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 41 Resp: 63786
 Ion Ratio Lower Upper
 41 100
 69 74.6 37.3 111.9
 39 58.8 29.4 88.2



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

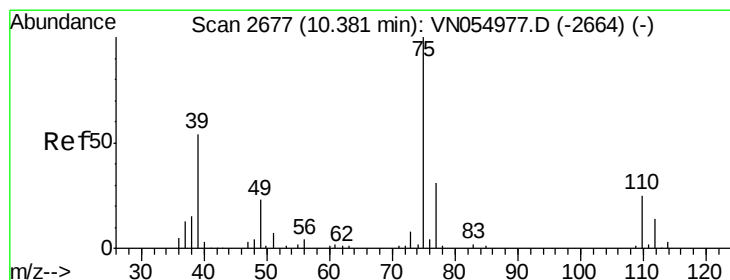
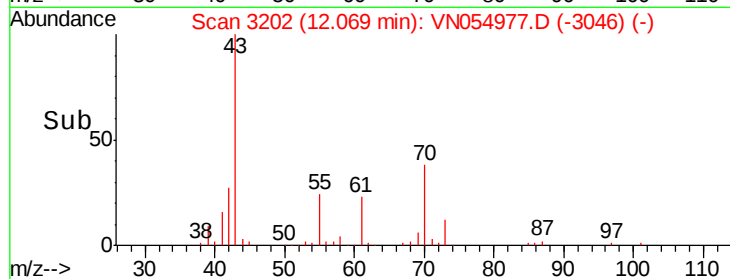
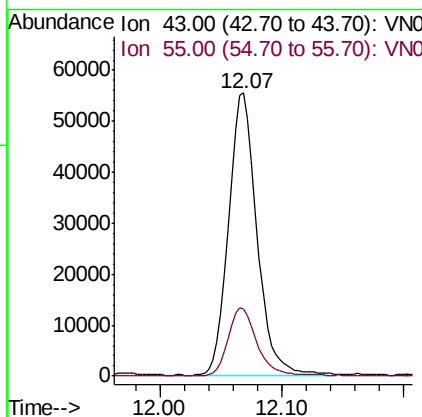
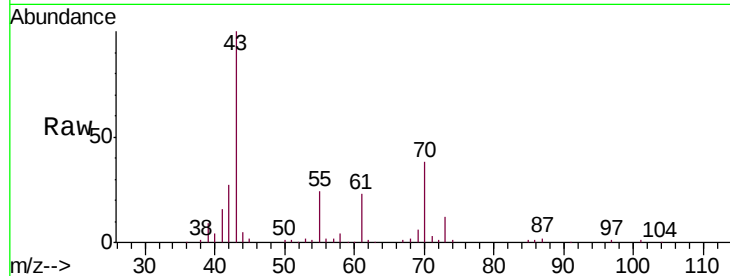




#47
n-amy1 Acetate
Concen: 20.340 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

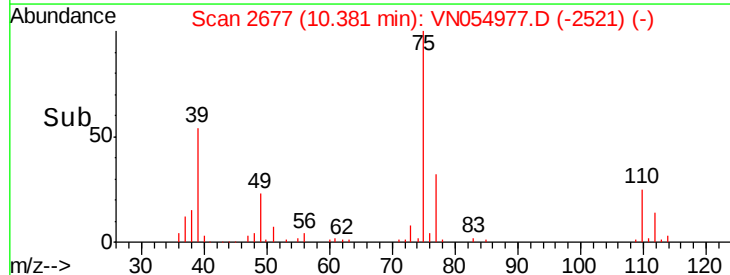
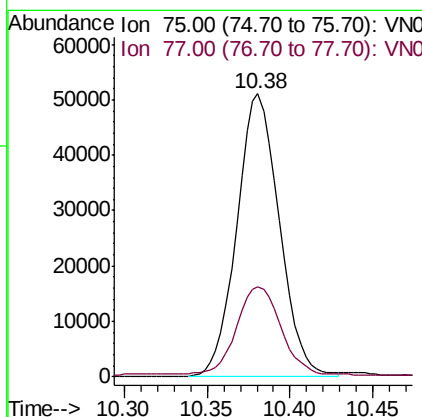
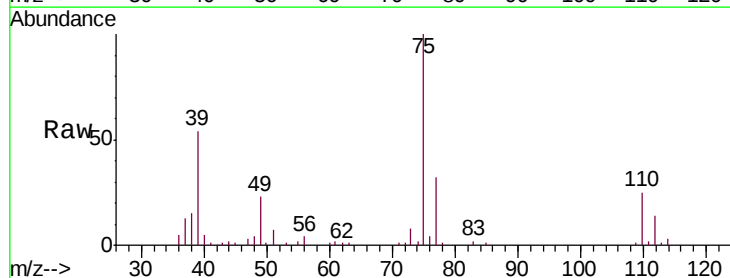
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

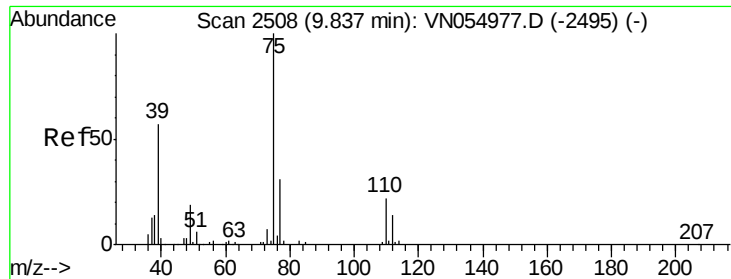
Tgt Ion: 43 Resp: 90183
Ion Ratio Lower Upper
43 100
55 24.7 19.8 29.6



#48
t-1,3-Dichloropropene
Concen: 17.589 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion: 75 Resp: 91460
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0

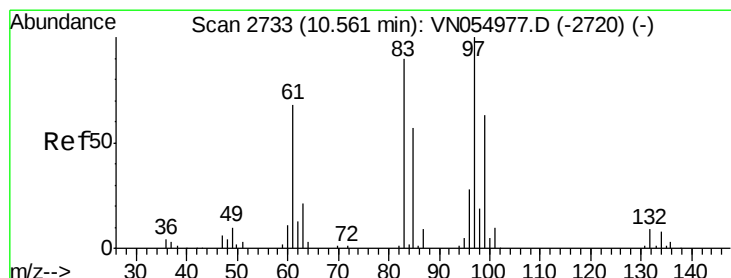
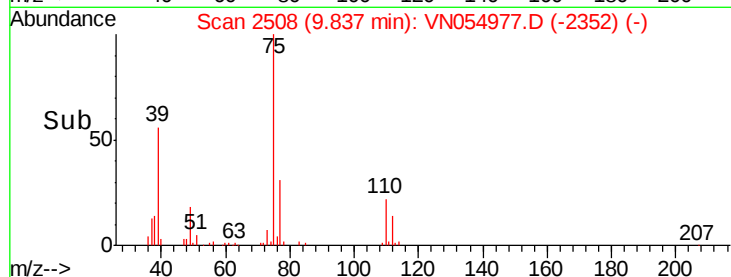
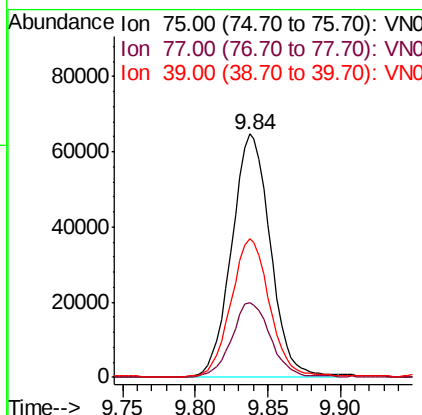
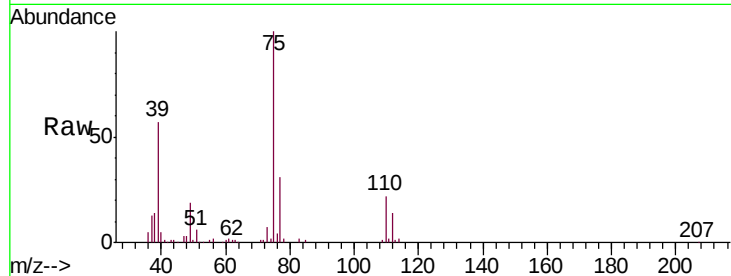




#49
 cis-1,3-Dichloropropene
 Concen: 19.504 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

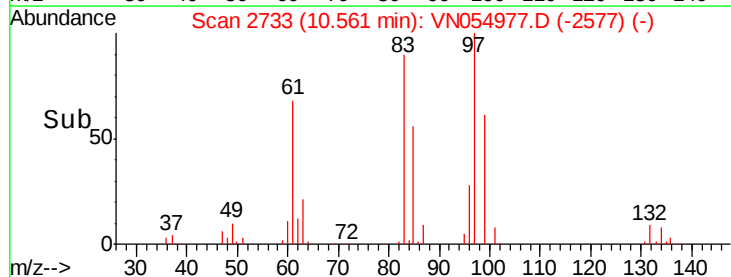
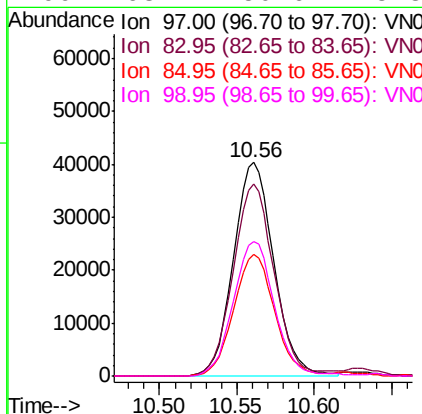
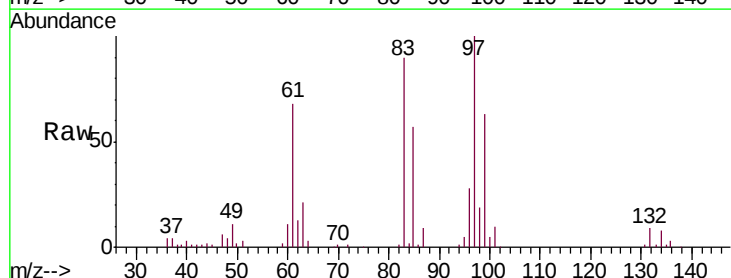
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

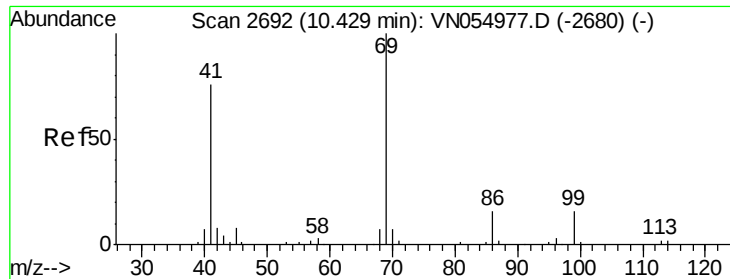
Tgt Ion: 75 Resp: 120019
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1
 39 56.6 45.3 67.9



#50
 1,1,2-Trichloroethane
 Concen: 20.975 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 97 Resp: 73264
 Ion Ratio Lower Upper
 97 100
 83 90.1 72.1 108.1
 85 56.7 45.4 68.0
 99 63.2 50.6 75.8





#51

Ethyl methacrylate

Concen: 19.286 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

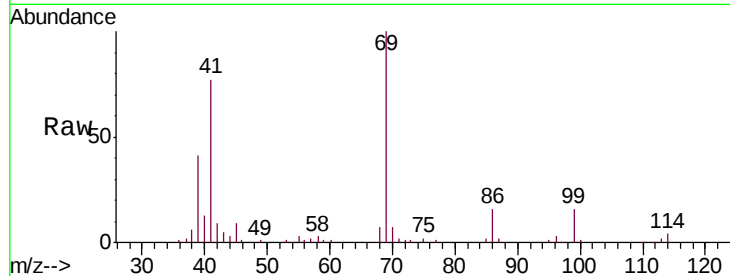
Tgt Ion: 69 Resp: 79282

Ion Ratio Lower Upper

69 100

41 75.8 37.9 113.7

39 39.6 19.8 59.4

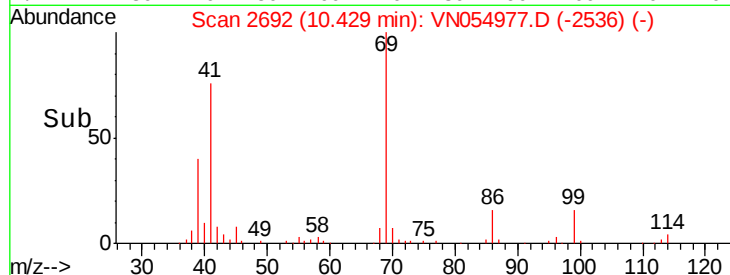


Abundance Ion 69.00 (68.70 to 69.70): VN054977.D (-2680) (-)

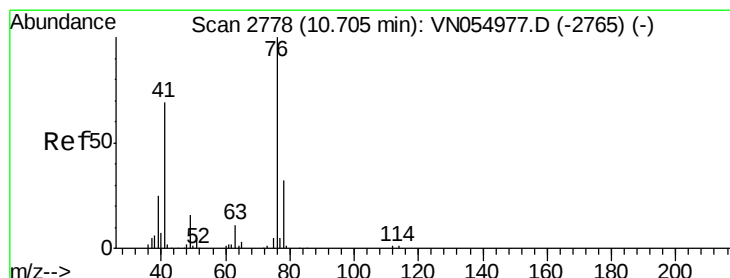
Ion 41.00 (40.70 to 41.70): VN054977.D (-2680) (-)

Ion 39.00 (38.70 to 39.70): VN054977.D (-2680) (-)

10.43



Time-->



#52

1,3-Dichloropropane

Concen: 21.500 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN054977.D

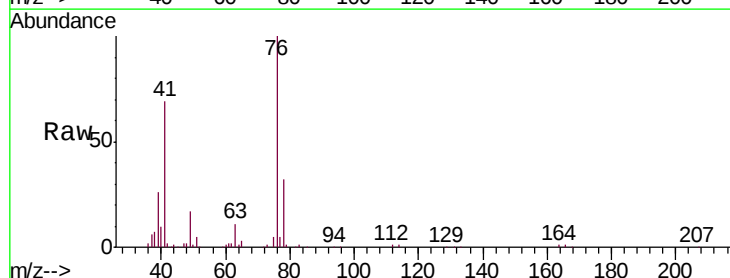
Acq: 11 Apr 2019 14:54

Tgt Ion: 76 Resp: 128548

Ion Ratio Lower Upper

76 100

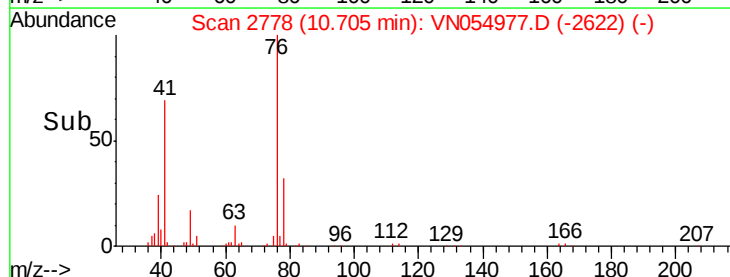
78 32.2 0.0 64.4



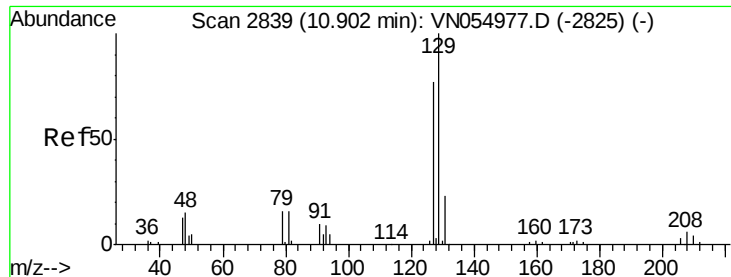
Abundance Ion 76.00 (75.70 to 76.70): VN054977.D (-2765) (-)

Ion 78.00 (77.70 to 78.70): VN054977.D (-2765) (-)

10.71



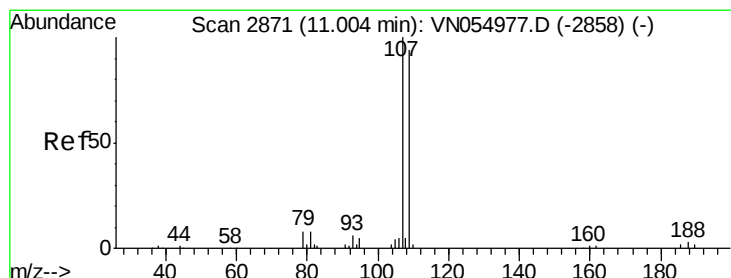
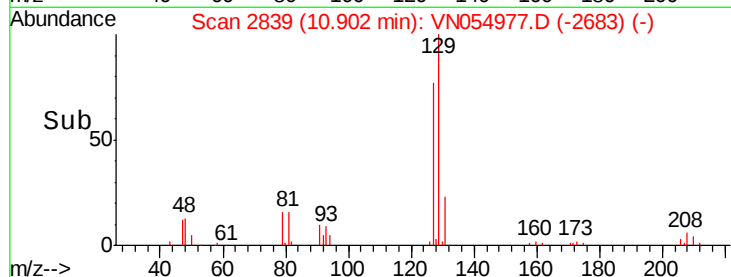
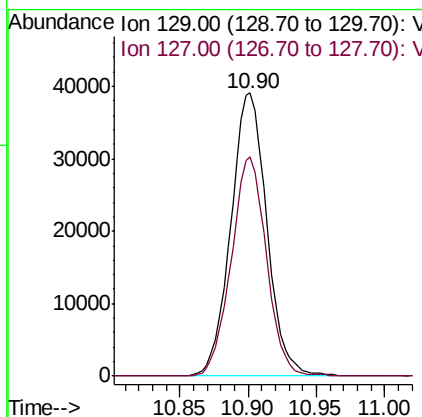
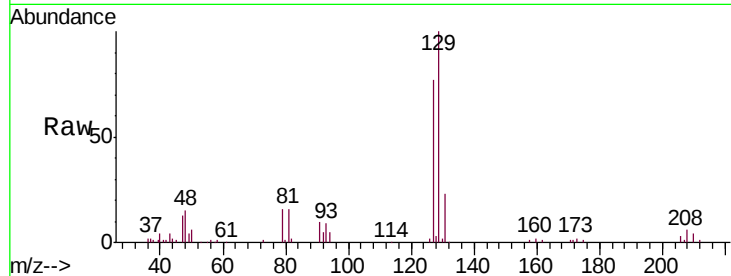
Time-->



#53
Dibromochloromethane
Concen: 18.893 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

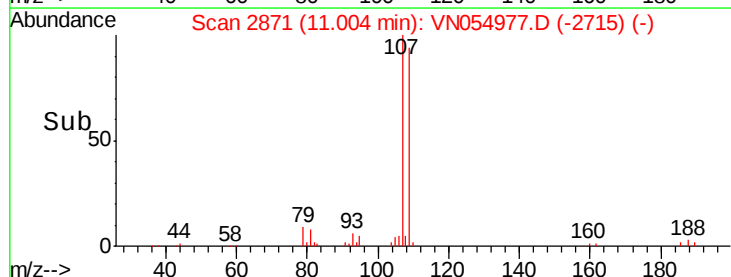
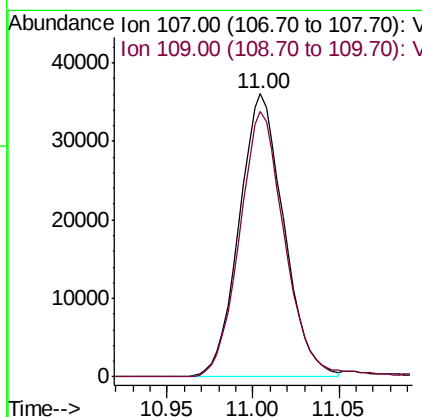
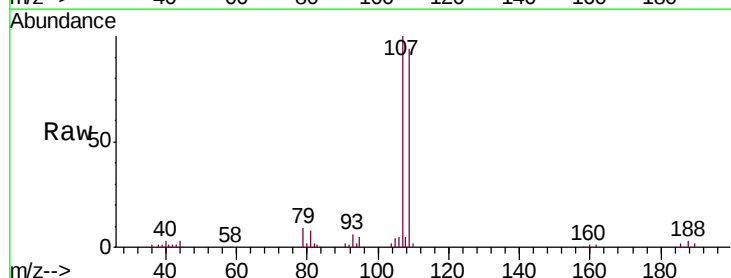
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

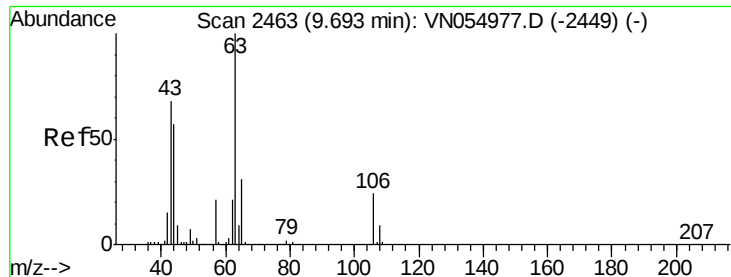
Tgt Ion:129 Resp: 71621
Ion Ratio Lower Upper
129 100
127 75.5 37.8 113.3



#54
1,2-Dibromoethane
Concen: 19.795 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion:107 Resp: 65136
Ion Ratio Lower Upper
107 100
109 95.2 76.2 114.2

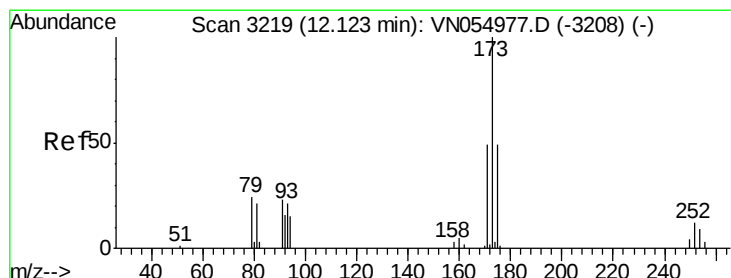
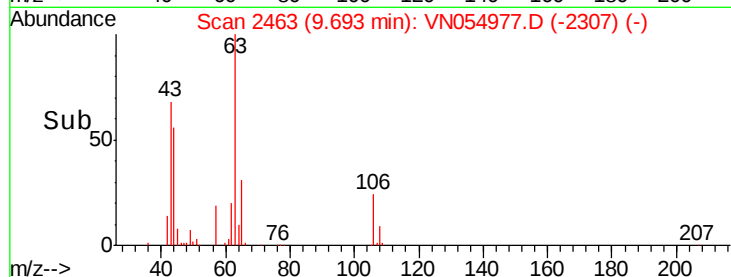
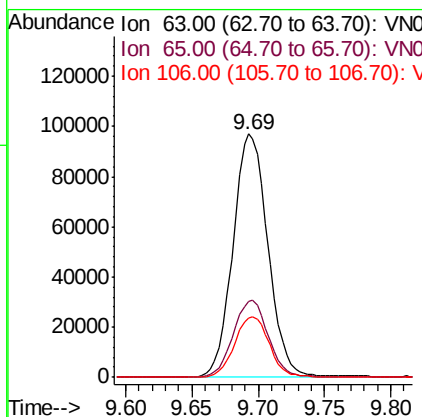
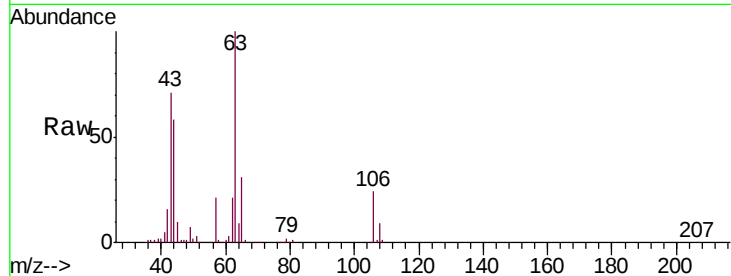




#55
 2-Chloroethyl vinyl ether
 Concen: 94.056 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

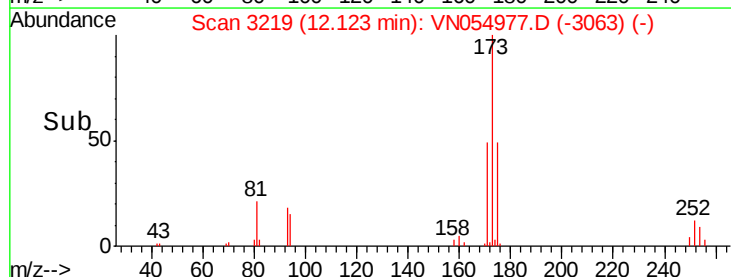
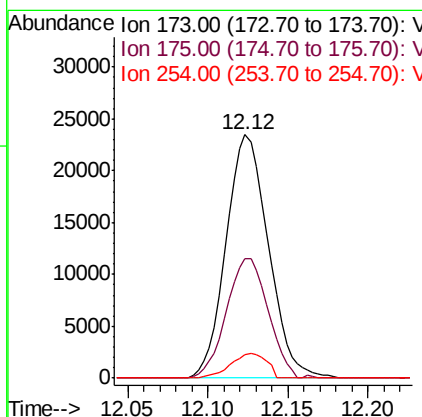
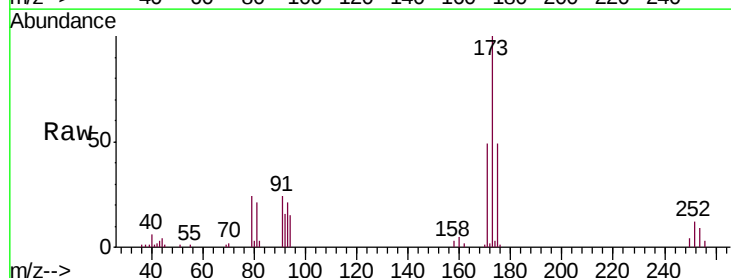
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

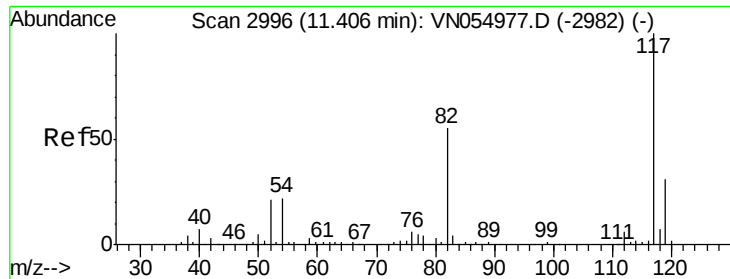
Tgt Ion: 63 Resp: 177799
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.0
 106 24.7 19.8 29.6



#56
 Bromoform
 Concen: 17.024 ug/l
 RT: 12.12 min Scan# 3219
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 173 Resp: 42414
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.6 57.8
 254 8.5 6.8 10.2

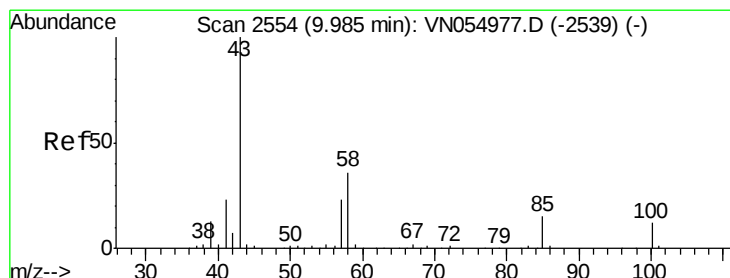
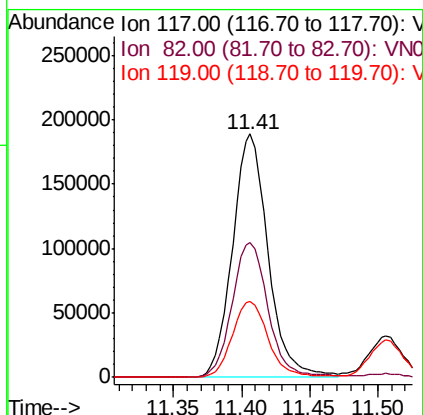
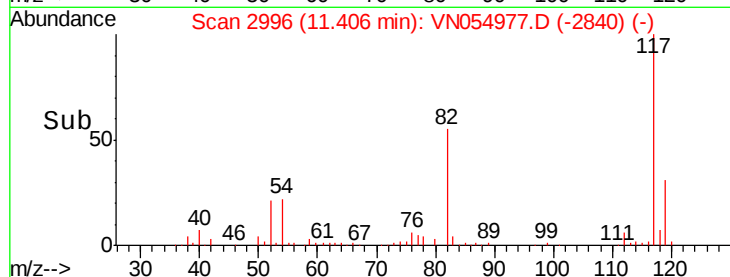
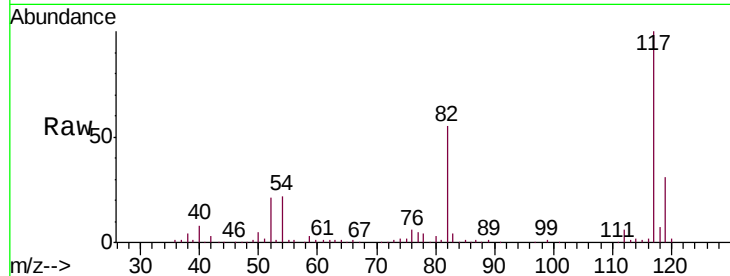




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

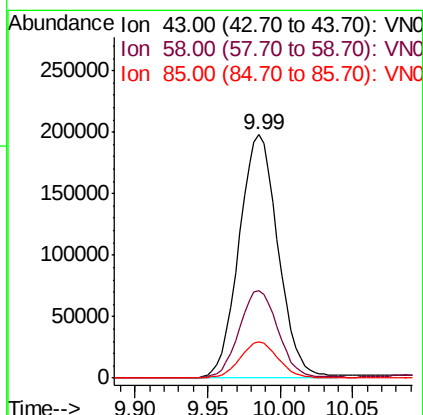
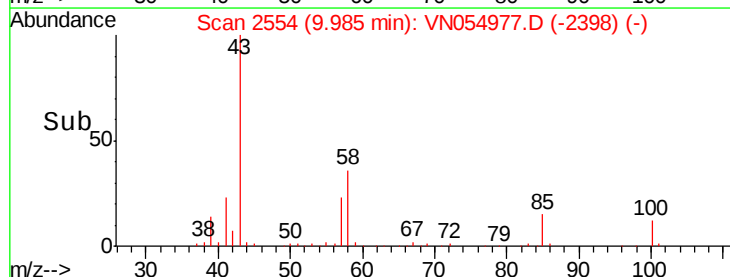
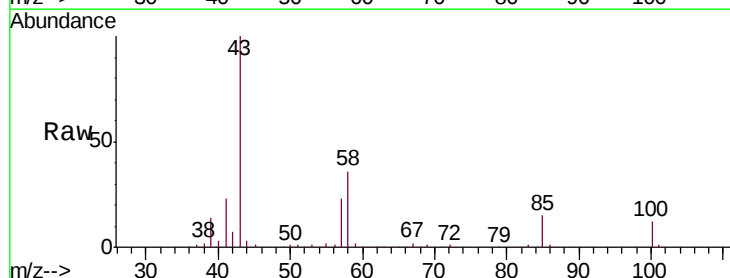
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

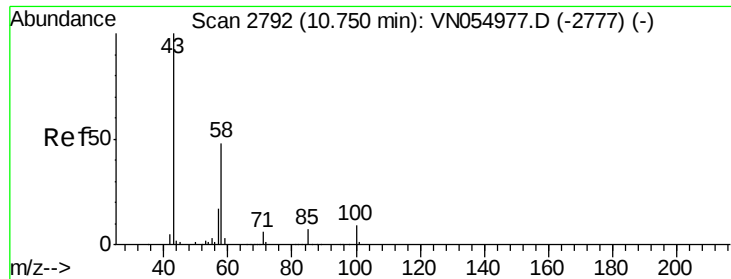
Tgt Ion: 117 Resp: 342093
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 31.8 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 111.049 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion: 43 Resp: 370415
Ion Ratio Lower Upper
43 100
58 35.9 28.7 43.1
85 14.7 11.8 17.6

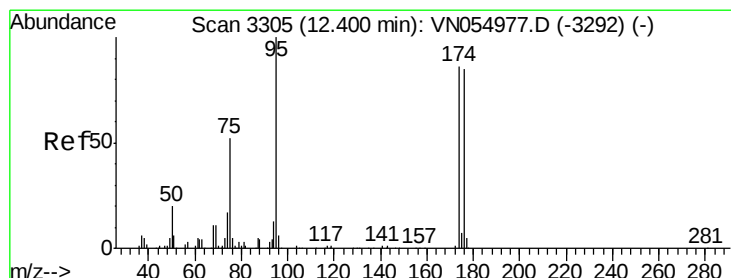
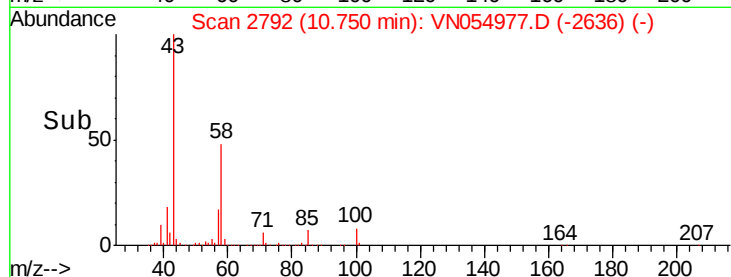
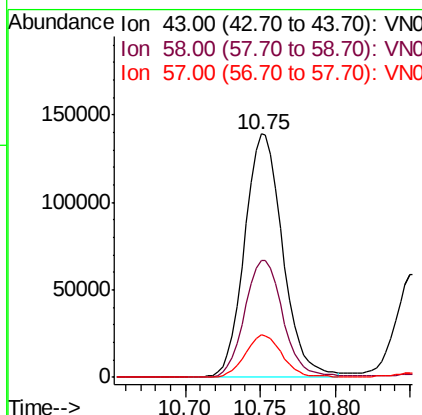
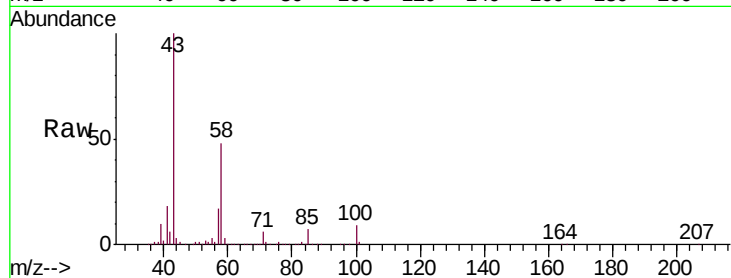




#59
2-Hexanone
Concen: 112.939 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

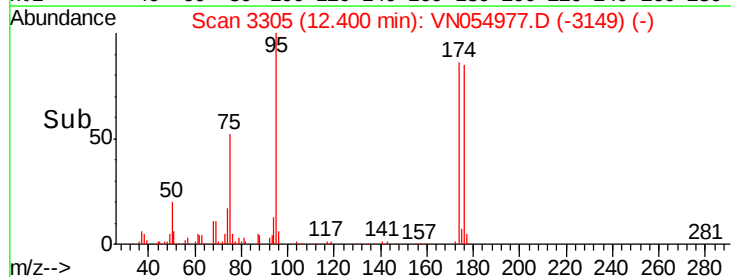
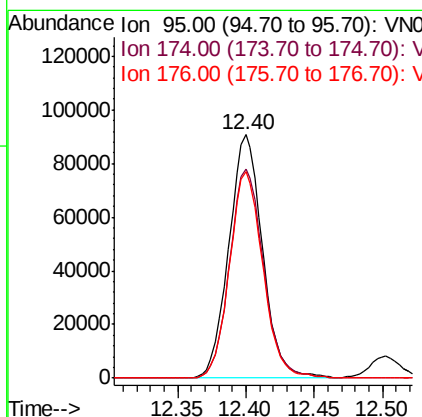
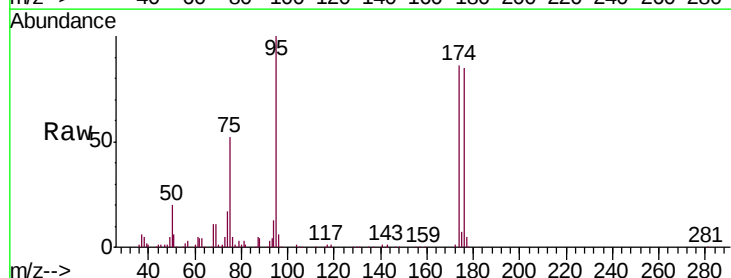
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

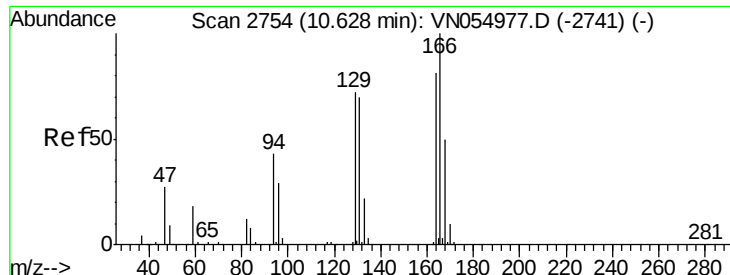
Tgt Ion: 43 Resp: 246213
Ion Ratio Lower Upper
43 100
58 48.5 38.8 58.2
57 17.2 13.8 20.6



#60
4-Bromofluorobenzene
Concen: 112.939 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion: 95 Resp: 155395
Ion Ratio Lower Upper
95 100
174 86.8 69.4 104.2
176 84.3 67.4 101.2





#61

Tetrachloroethene

Concen: 21.525 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 90438

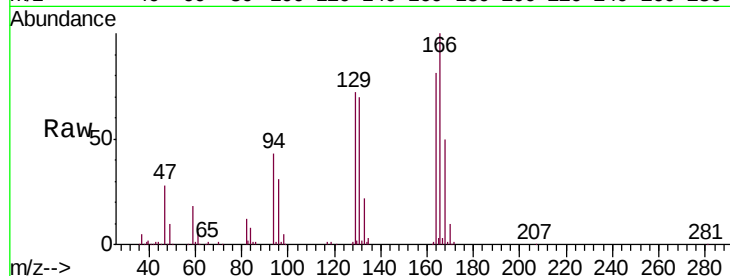
Ion Ratio Lower Upper

164 100

166 123.7 99.0 148.4

129 89.2 71.4 107.0

131 86.0 68.8 103.2

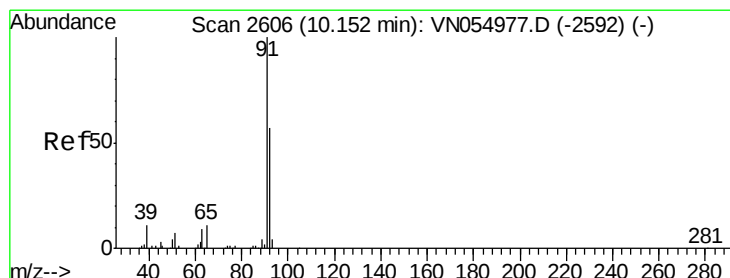
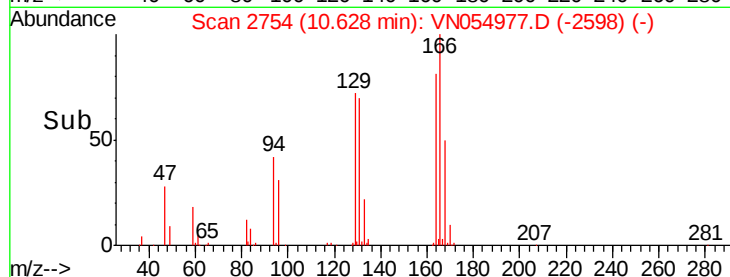
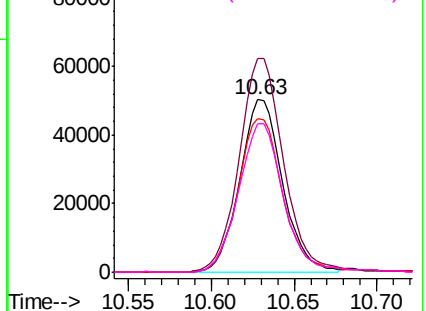


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 22.110 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN054977.D

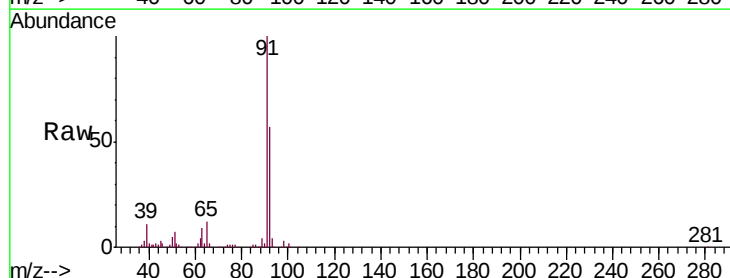
Acq: 11 Apr 2019 14:54

Tgt Ion: 91 Resp: 371016

Ion Ratio Lower Upper

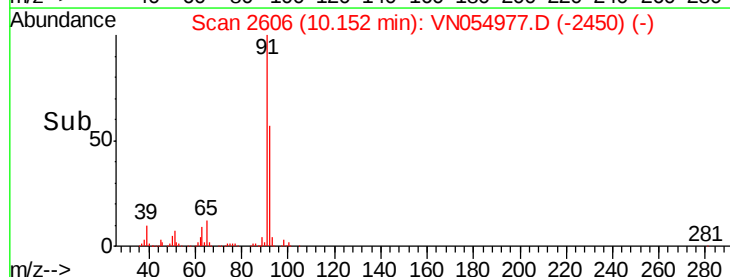
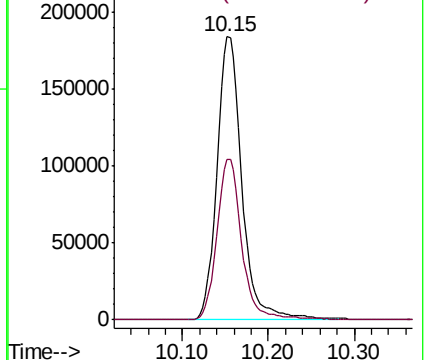
91 100

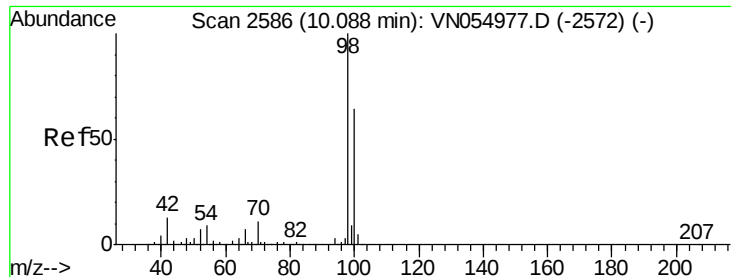
92 56.0 44.8 67.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 22.110 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

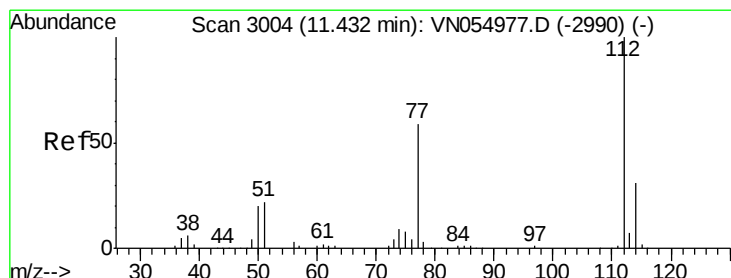
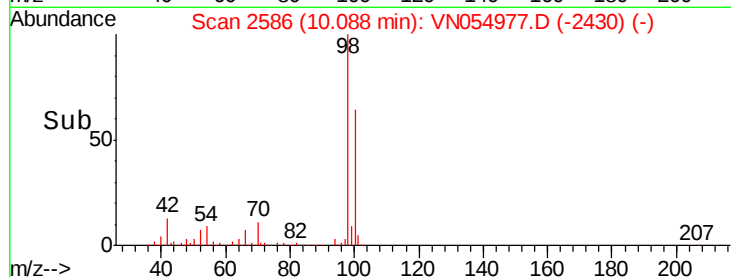
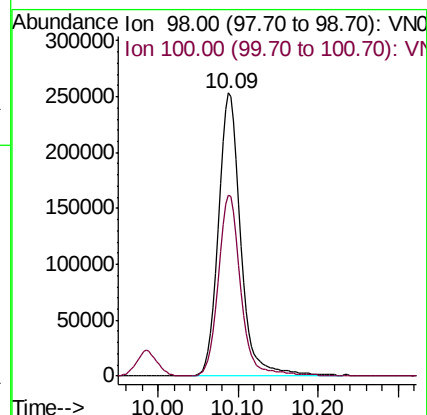
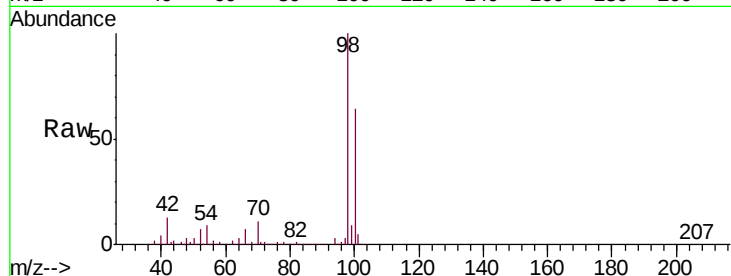
VSTDICCC020

Tgt Ion: 98 Resp: 494336

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#64

Chlorobenzene

Concen: 21.873 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054977.D

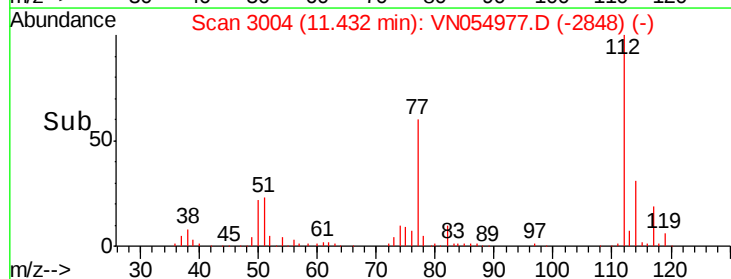
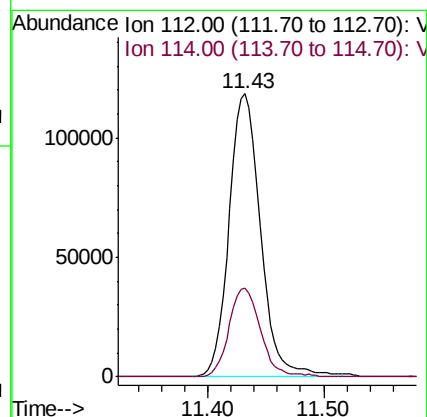
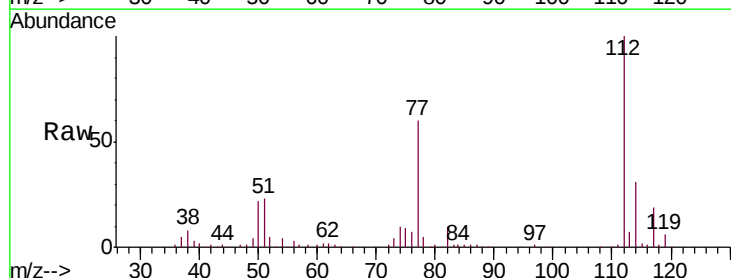
Acq: 11 Apr 2019 14:54

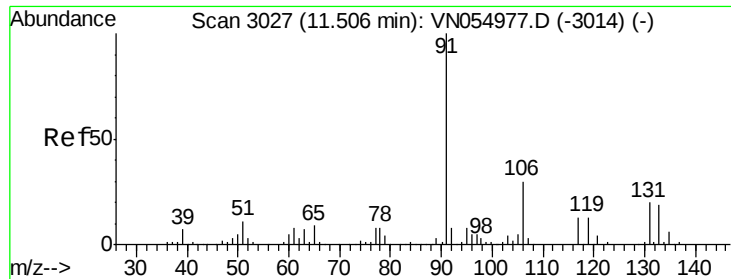
Tgt Ion: 112 Resp: 223933

Ion Ratio Lower Upper

112 100

114 31.4 25.1 37.7

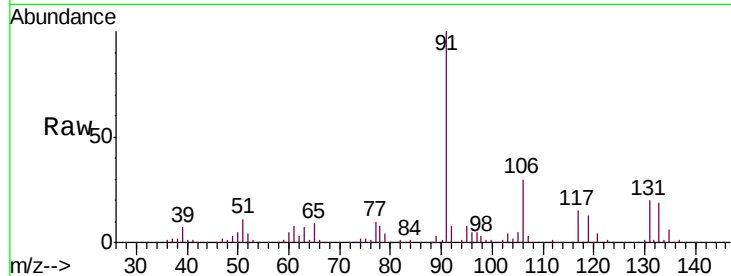




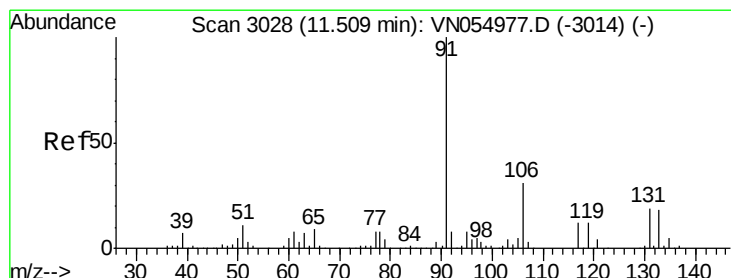
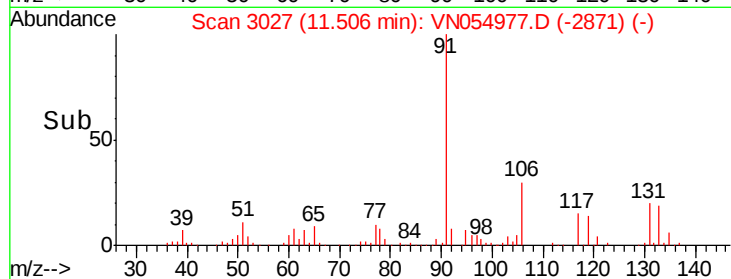
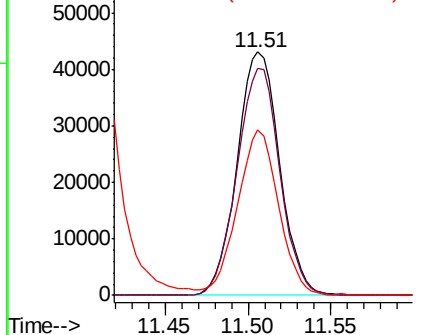
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.577 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 131 Resp: 76896
 Ion Ratio Lower Upper
 131 100
 133 93.9 0.0 187.8
 119 65.7 0.0 131.4

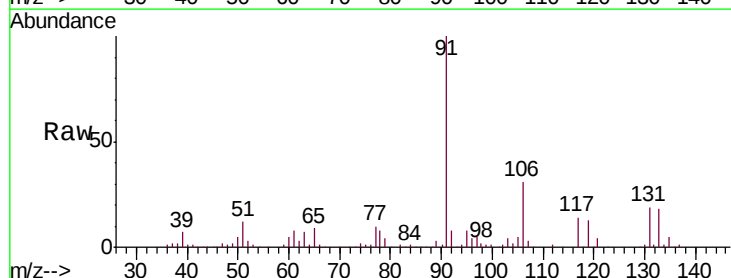


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

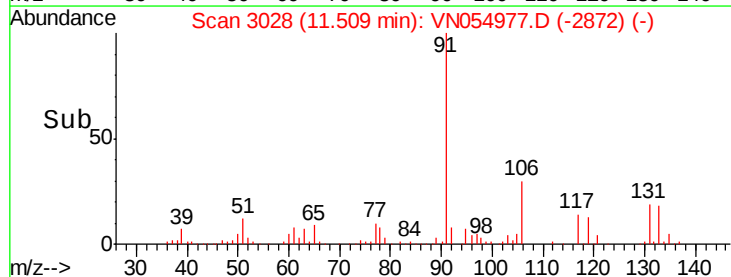
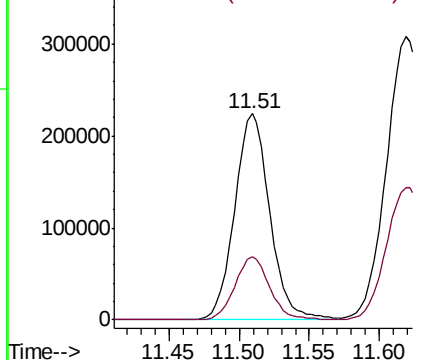


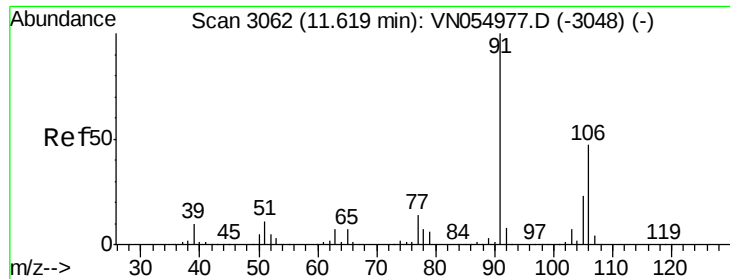
#66
 Ethyl Benzene
 Concen: 22.333 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 91 Resp: 391670
 Ion Ratio Lower Upper
 91 100
 106 30.7 24.6 36.8



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

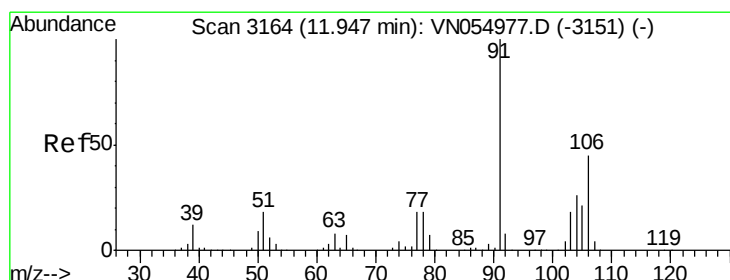
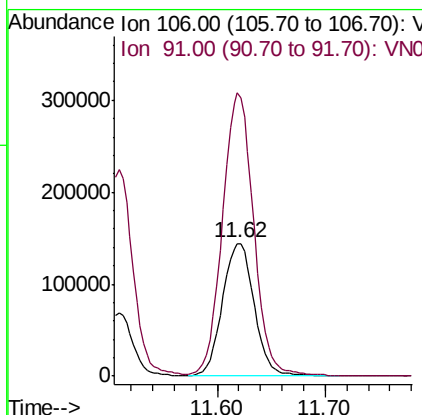
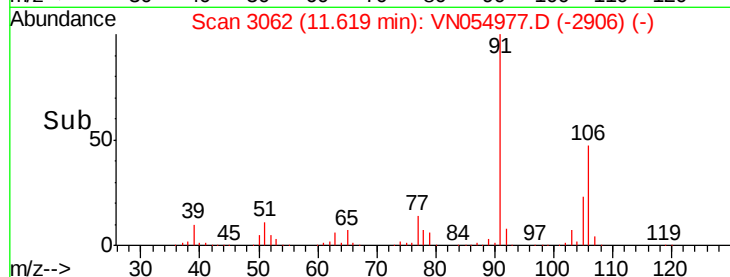
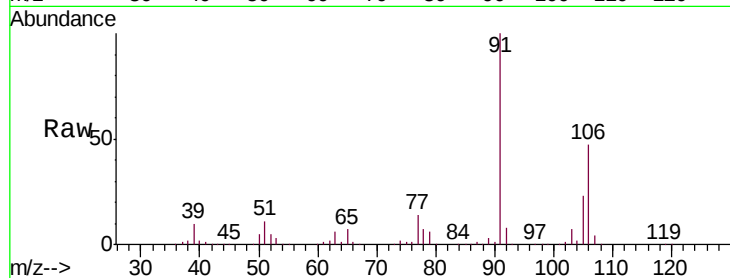




#67
m/p-Xylenes
Concen: 45.218 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

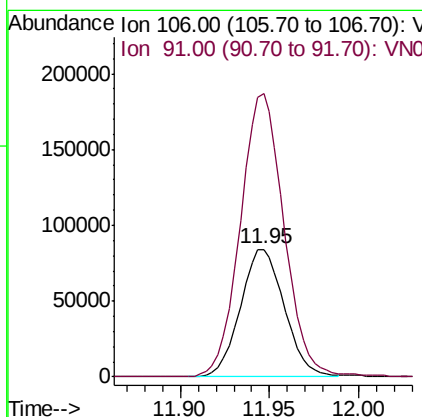
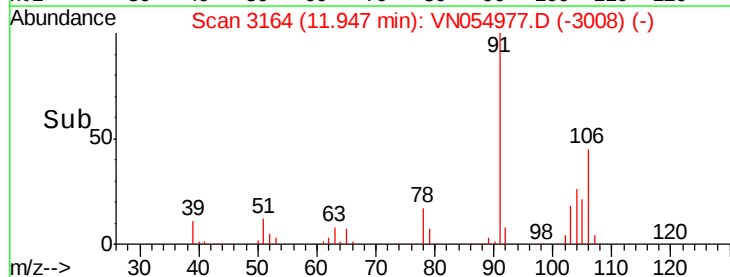
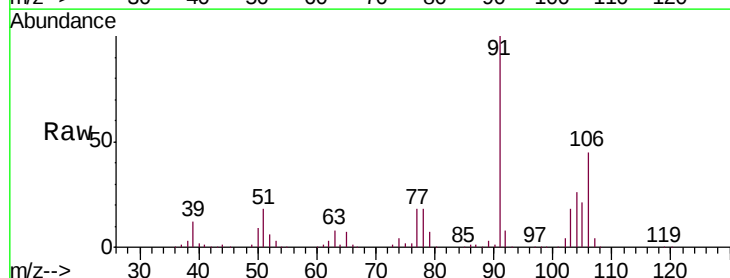
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

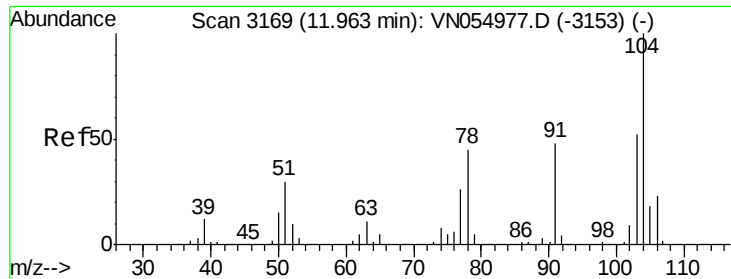
Tgt Ion:106 Resp: 297197
Ion Ratio Lower Upper
106 100
91 209.3 167.4 251.2



#68
o-Xylene
Concen: 22.785 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion:106 Resp: 145732
Ion Ratio Lower Upper
106 100
91 220.5 110.3 330.8

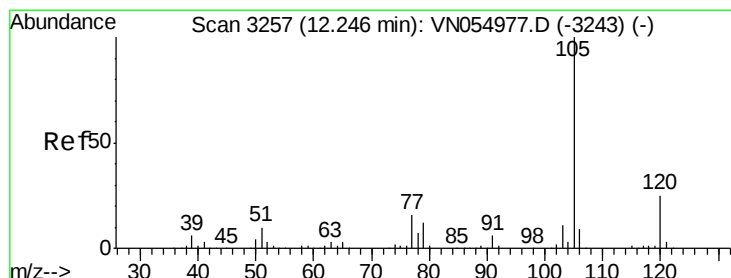
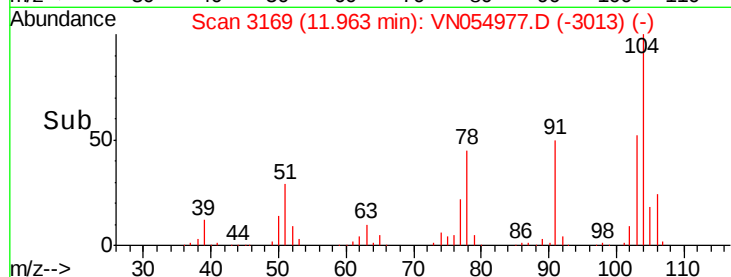
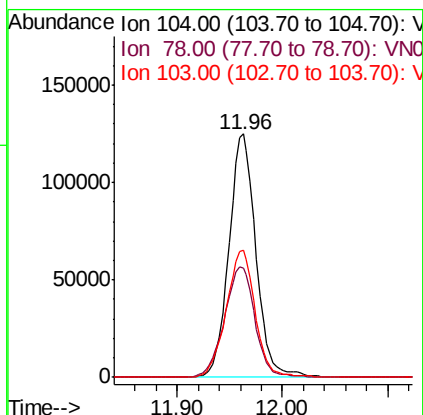
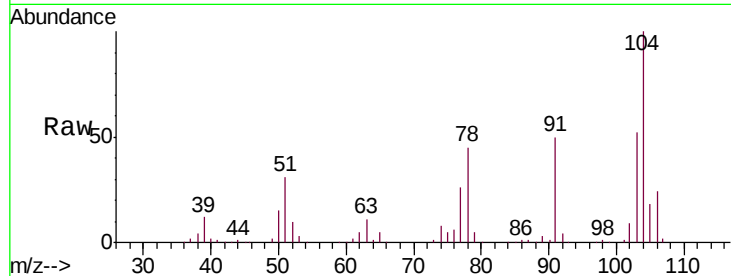




#69
Styrene
Concen: 22.043 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

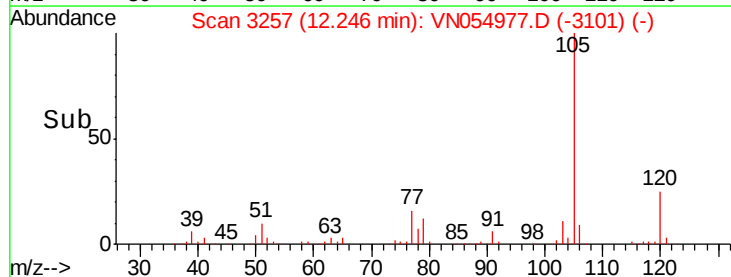
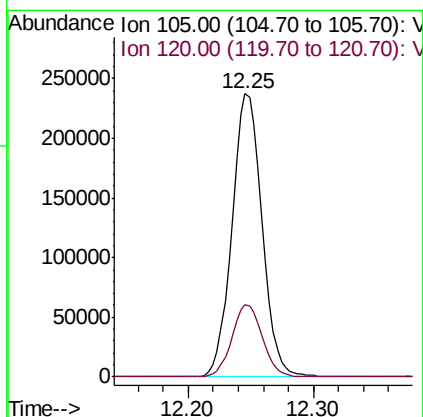
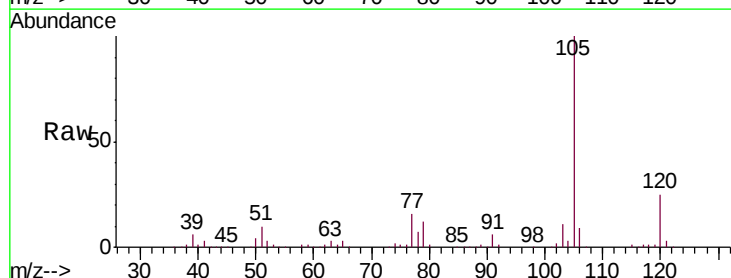
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

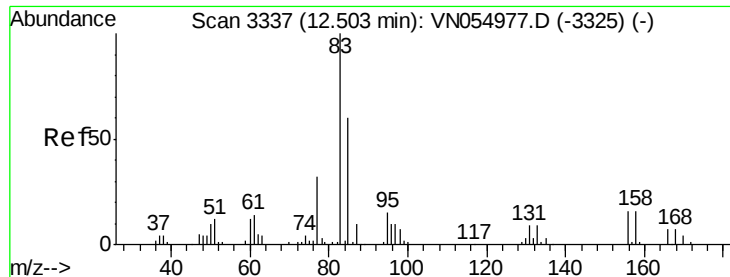
Tgt Ion:104 Resp: 220912
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 55.8 44.6 67.0



#70
Isopropylbenzene
Concen: 23.424 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion:105 Resp: 393428
Ion Ratio Lower Upper
105 100
120 26.1 18.3 33.9

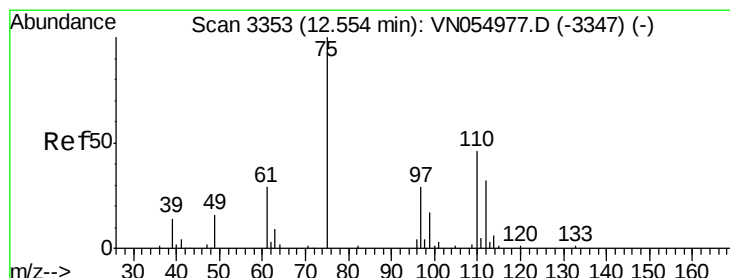
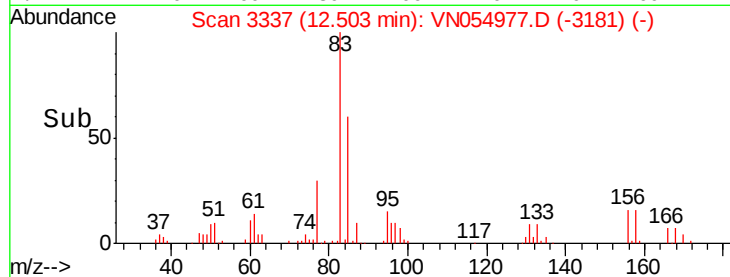
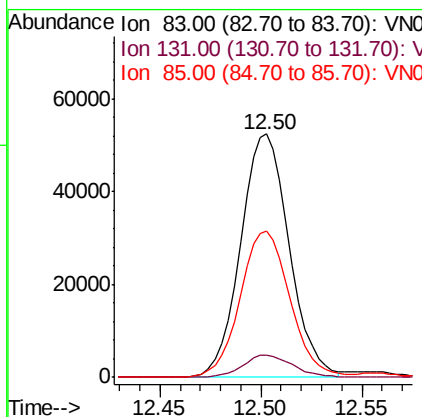
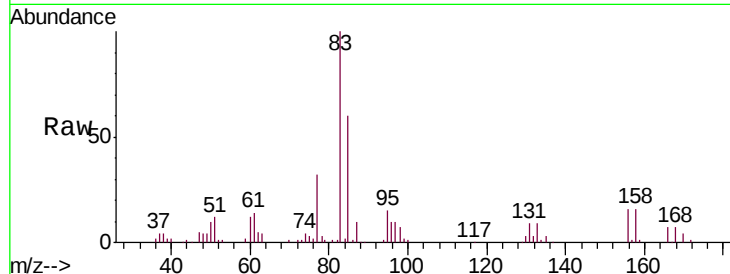




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.493 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

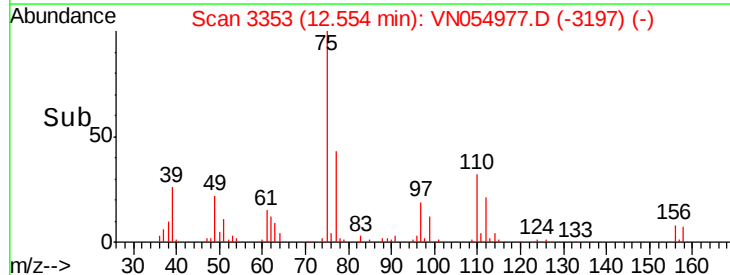
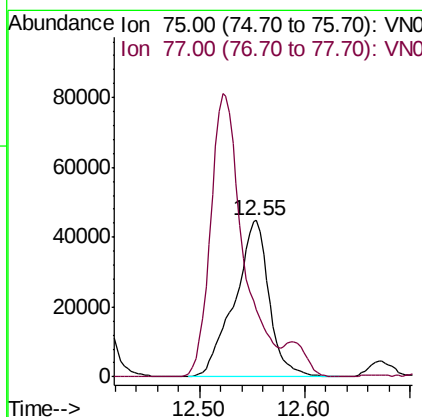
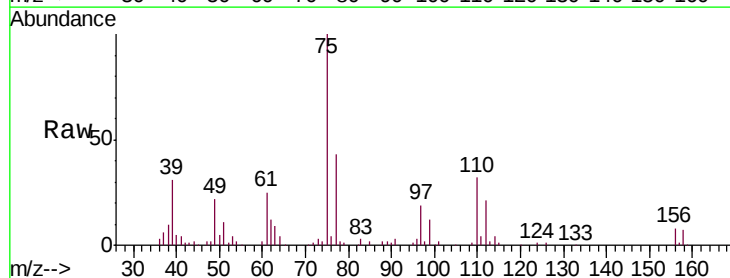
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

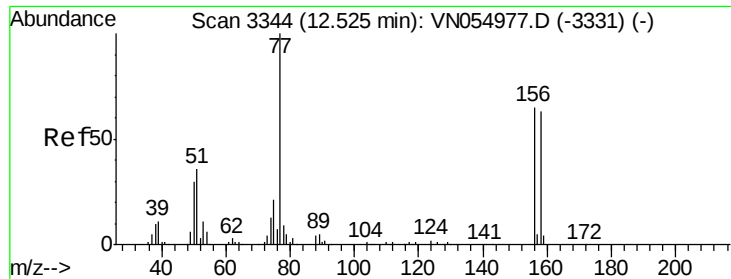
Tgt Ion: 83 Resp: 88443
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.6 13.8
 85 61.7 30.9 92.5



#72
 1,2,3-Trichloropropane
 Concen: 32.579 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 75 Resp: 102406
 Ion Ratio Lower Upper
 75 100
 77 170.5 0.0 466.6





#73

Bromobenzene

Concen: 21.651 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

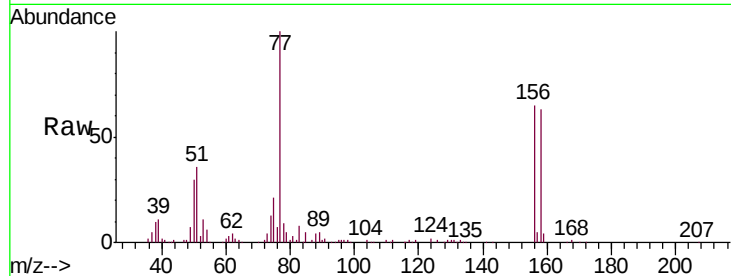
Tgt Ion:156 Resp: 91116

Ion Ratio Lower Upper

156 100

77 191.6 0.0 383.2

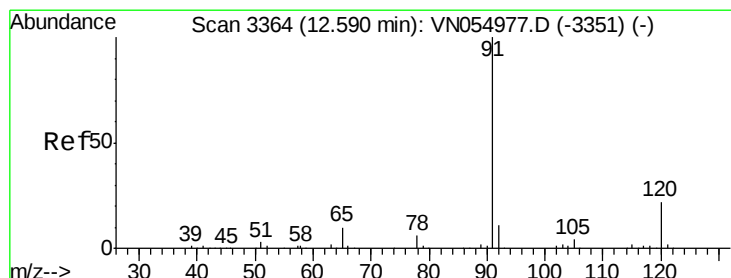
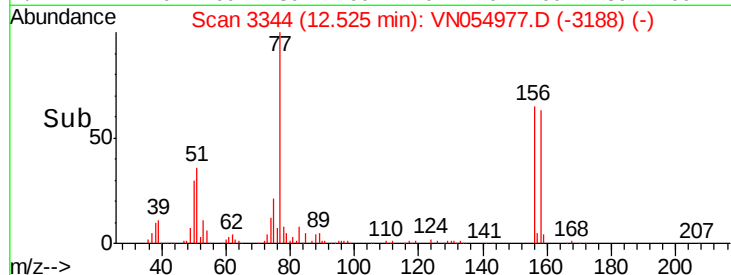
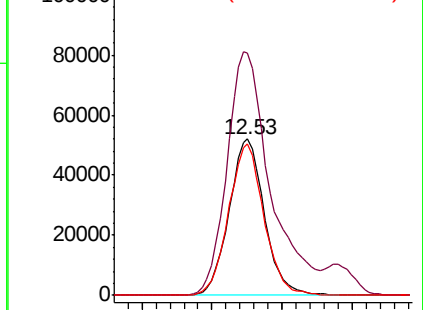
158 96.9 0.0 193.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 22.183 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054977.D

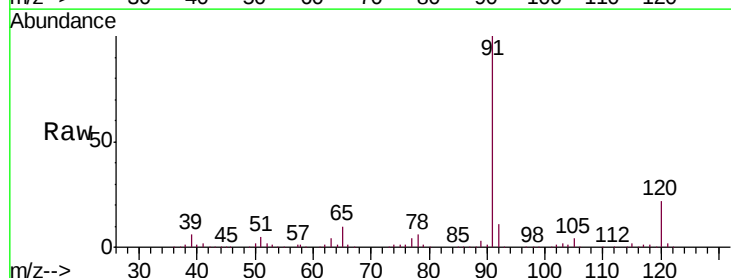
Acq: 11 Apr 2019 14:54

Tgt Ion: 91 Resp: 441270

Ion Ratio Lower Upper

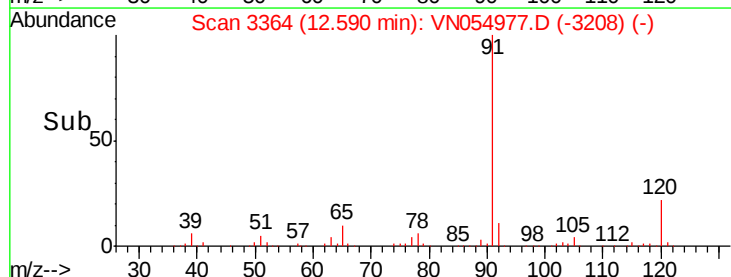
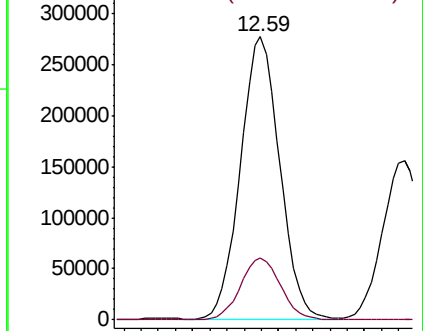
91 100

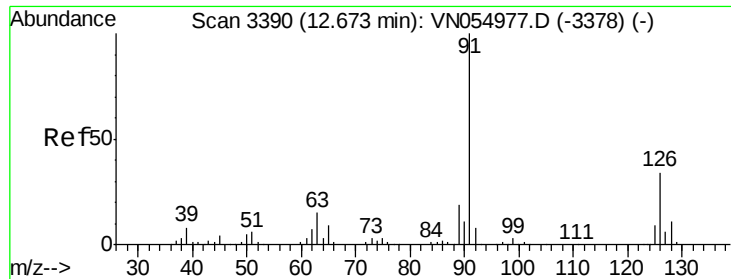
120 22.2 0.0 44.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 22.784 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

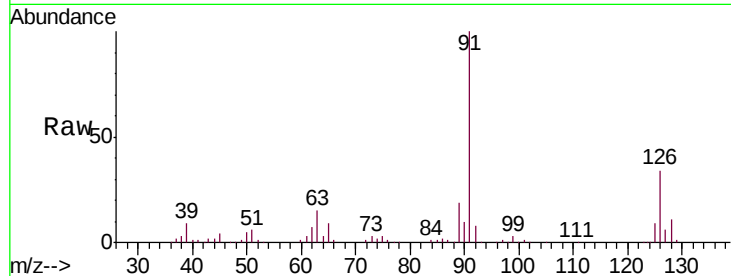
VSTDICCC020

Tgt Ion: 91 Resp: 266371

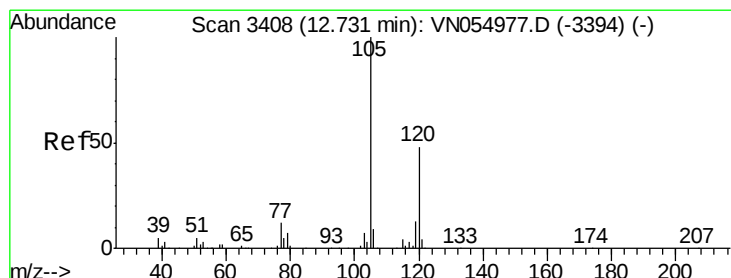
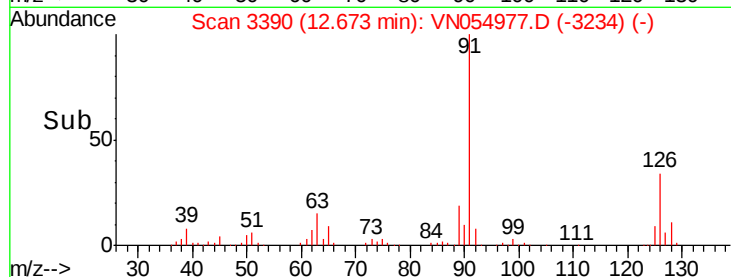
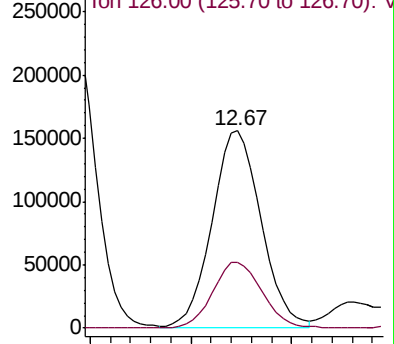
Ion Ratio Lower Upper

91 100

126 33.7 0.0 67.4



Abundance Ion 91.00 (90.70 to 91.70): VN054977.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 22.712 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054977.D

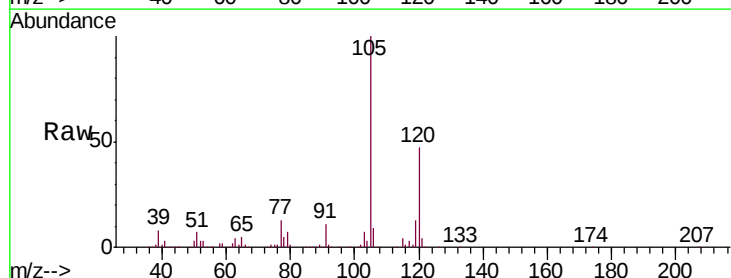
Acq: 11 Apr 2019 14:54

Tgt Ion: 105 Resp: 321549

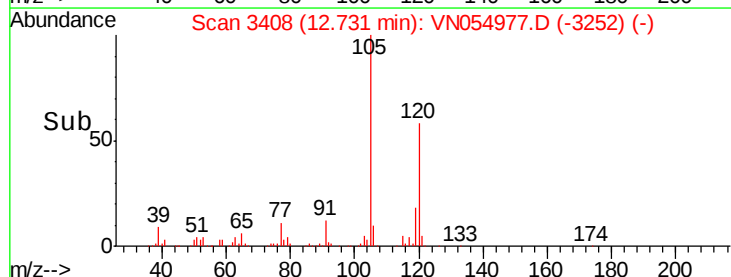
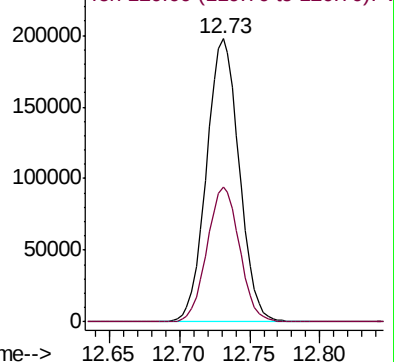
Ion Ratio Lower Upper

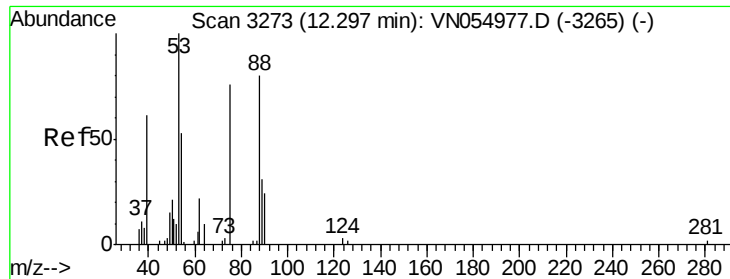
105 100

120 47.4 0.0 94.8



Abundance Ion 105.00 (104.70 to 105.70): VN054977.D (-3394) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 14.417 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN054977.D

Acq: 11 Apr 2019 14:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

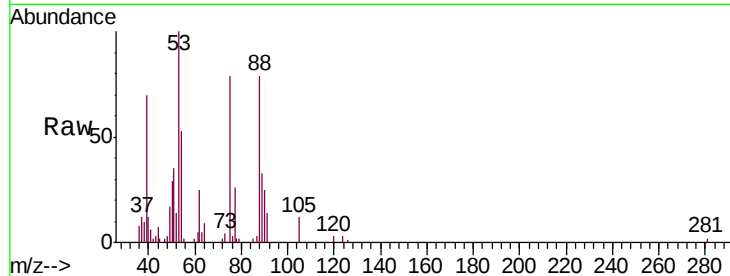
Tgt Ion: 75 Resp: 15397

Ion Ratio Lower Upper

75 100

53 128.5 64.3 192.7

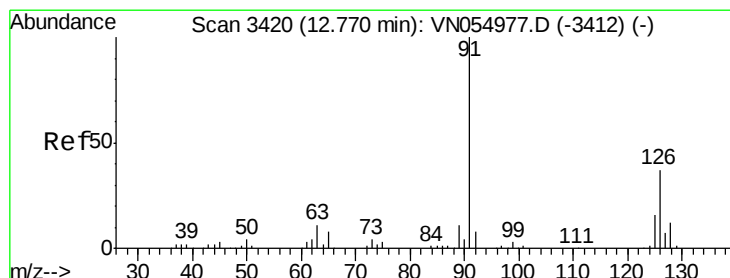
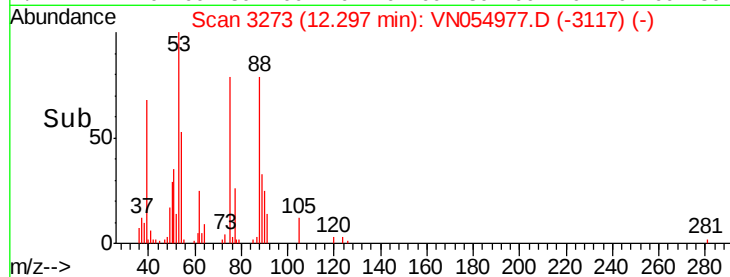
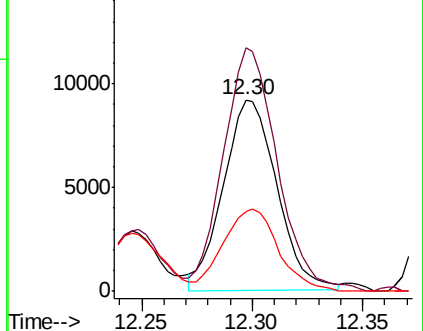
89 43.3 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 21.343 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN054977.D

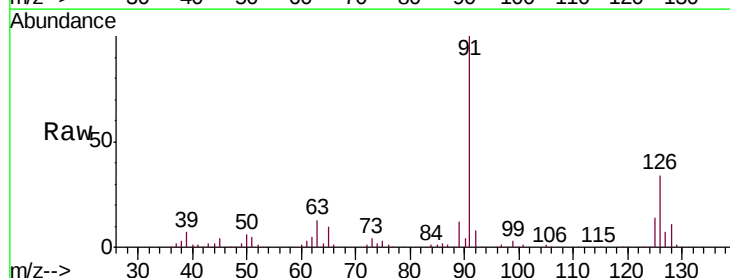
Acq: 11 Apr 2019 14:54

Tgt Ion: 91 Resp: 247593

Ion Ratio Lower Upper

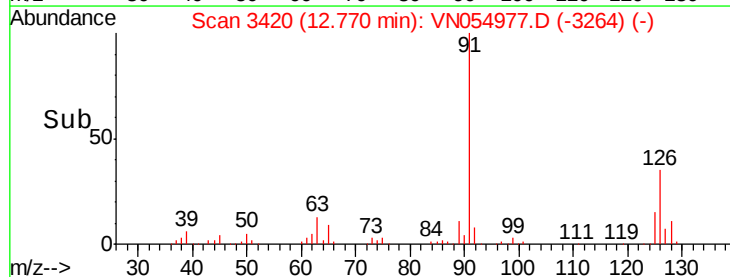
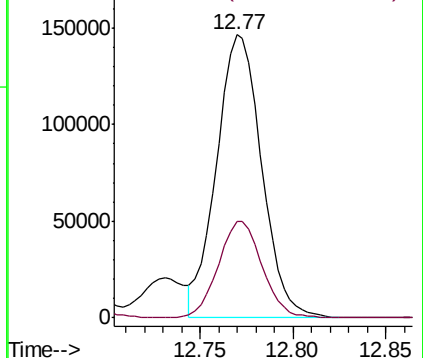
91 100

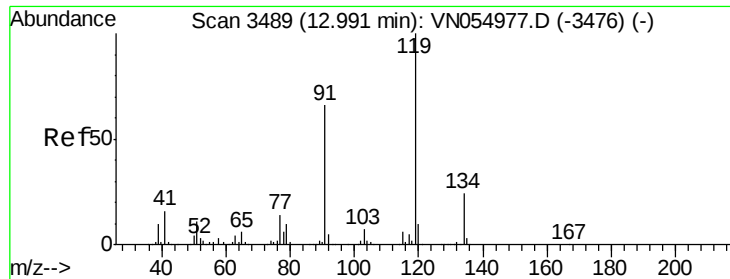
126 33.3 0.0 66.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

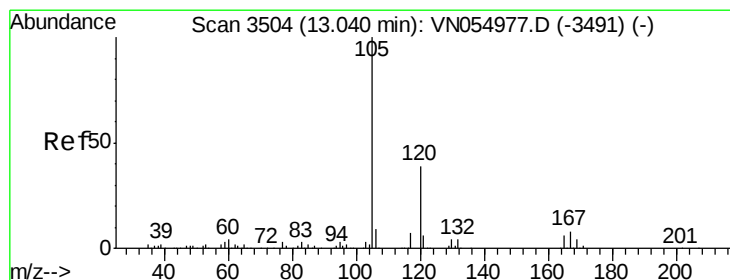
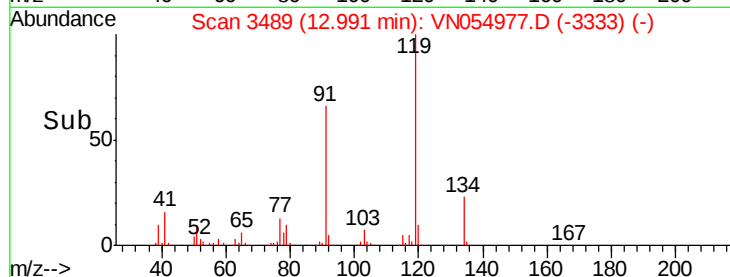
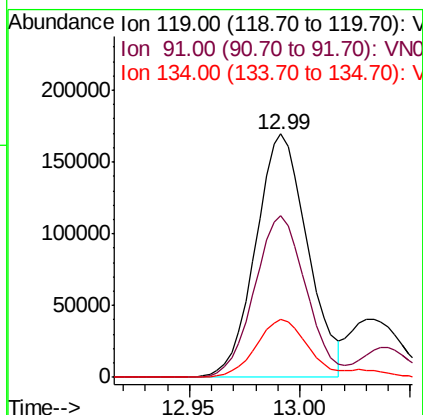
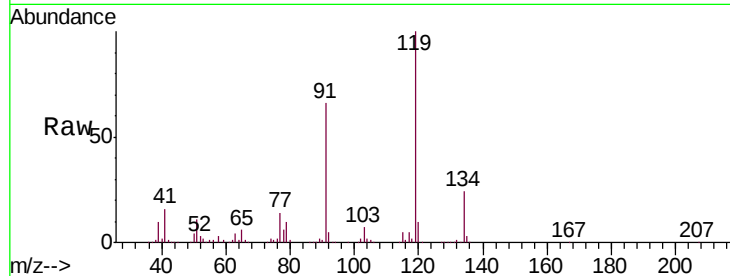




#79
tert-butylbenzene
Concen: 22.262 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

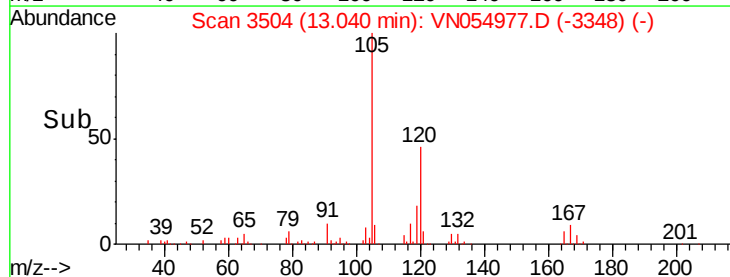
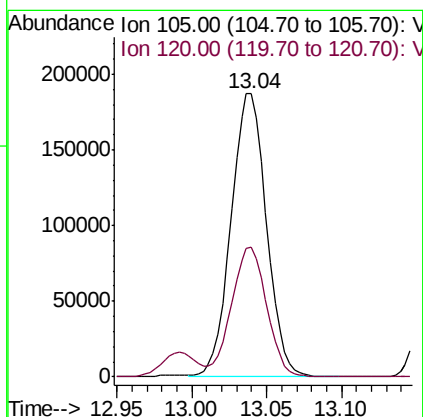
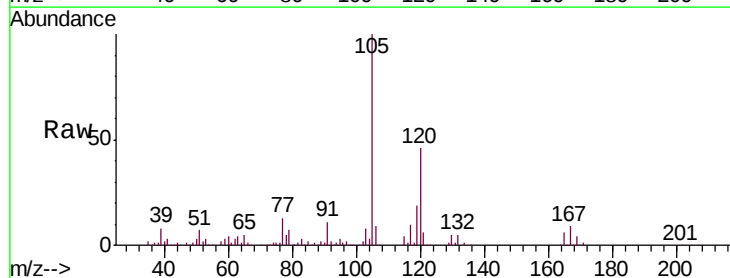
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

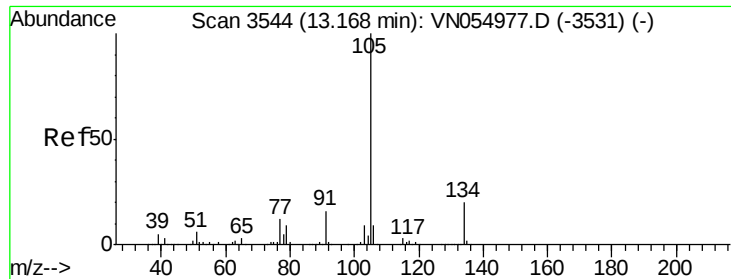
Tgt Ion:119 Resp: 276794
Ion Ratio Lower Upper
119 100
91 66.3 0.0 132.6
134 23.8 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 21.975 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion:105 Resp: 307600
Ion Ratio Lower Upper
105 100
120 45.7 0.0 91.4

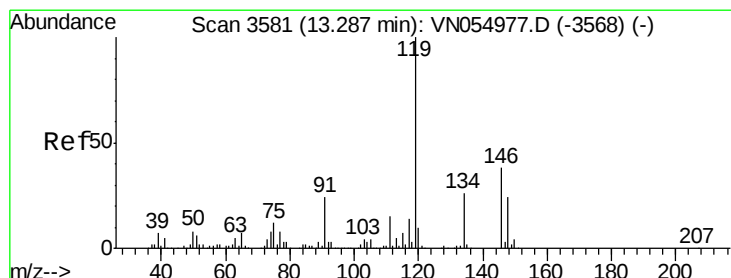
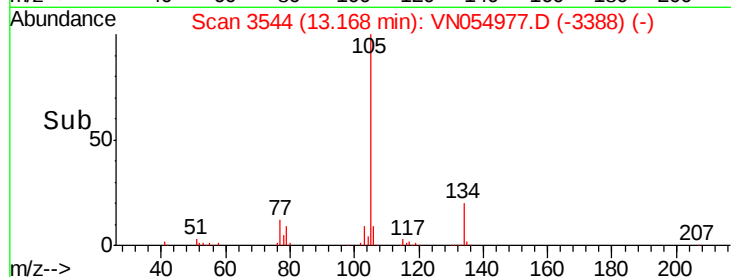
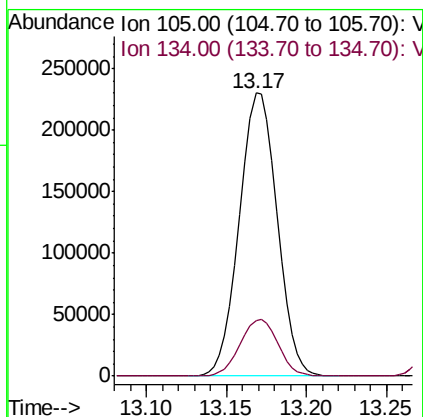
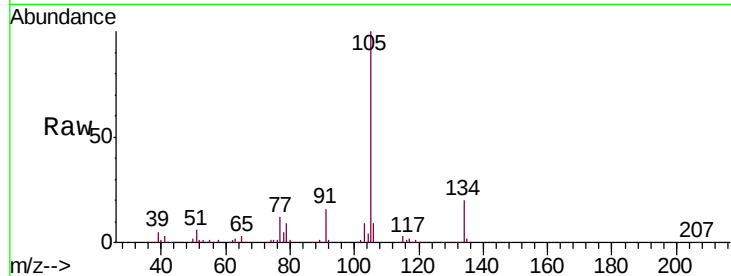




#81
 sec-Butylbenzene
 Concen: 21.907 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

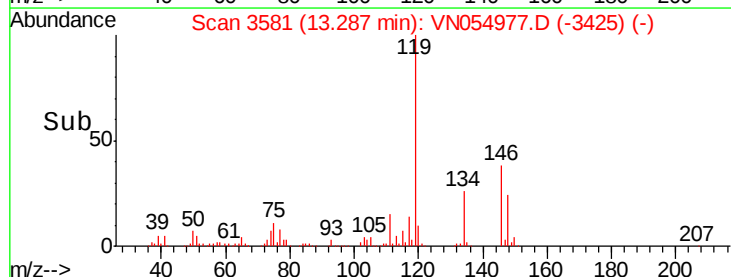
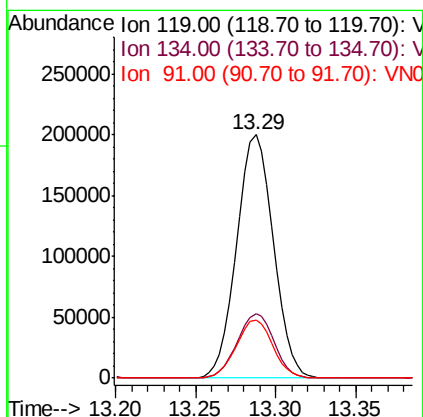
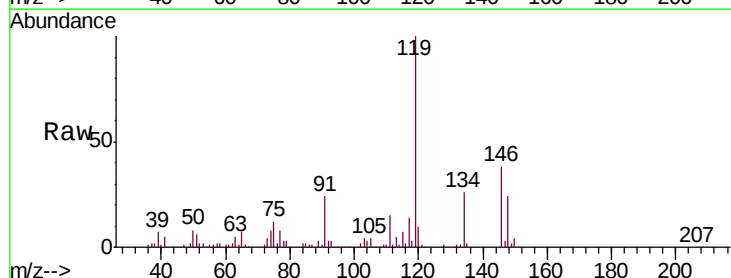
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

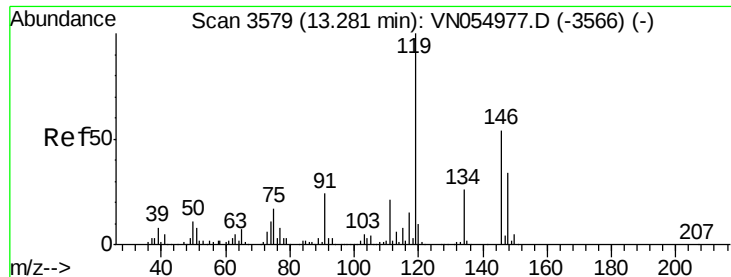
Tgt Ion:105 Resp: 371988
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 21.634 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion:119 Resp: 312567
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.2
 91 23.9 0.0 47.8

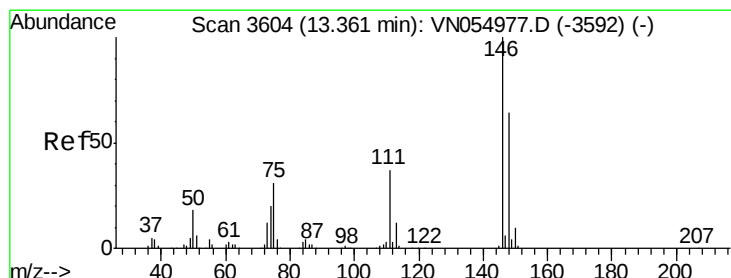
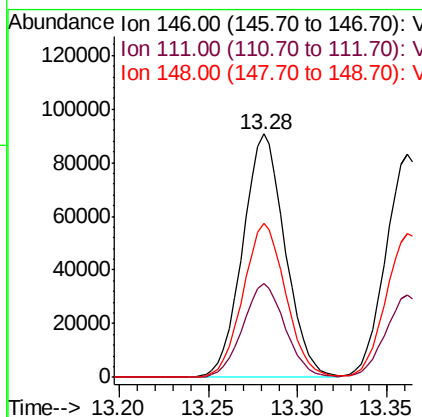
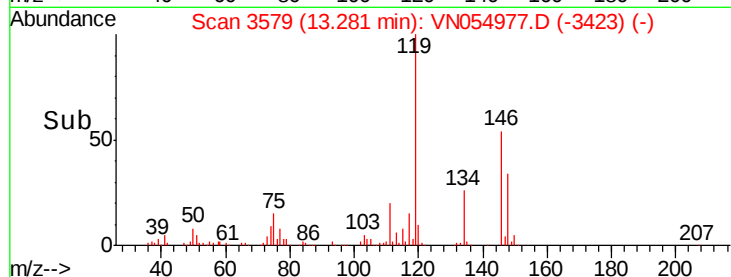
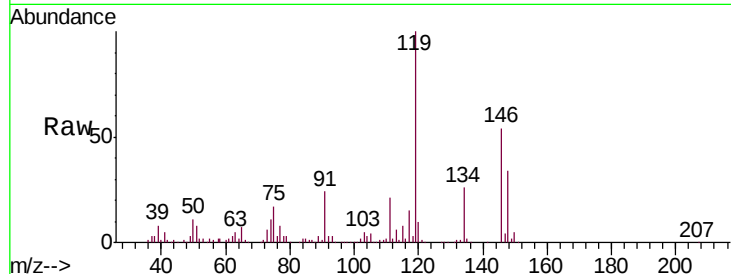




#83
 1,3-Dichlorobenzene
 Concen: 20.500 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

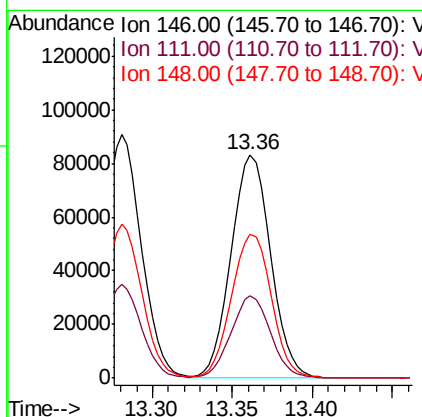
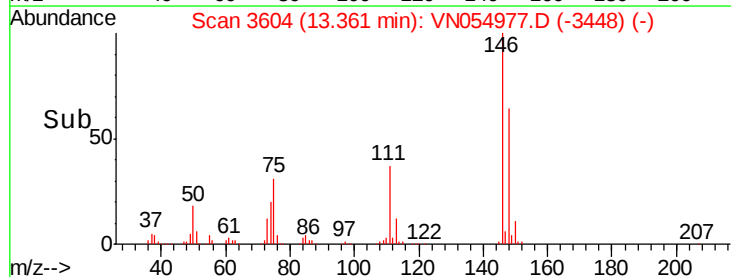
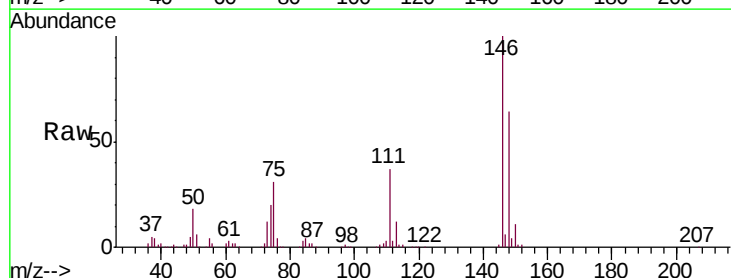
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

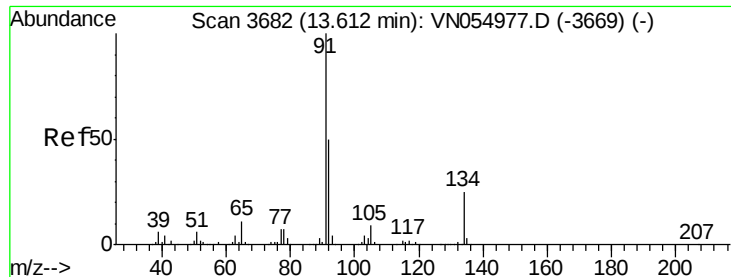
Tgt Ion:146 Resp: 150821
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 63.7 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 20.086 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion:146 Resp: 140758
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.2
 148 64.9 32.5 97.4

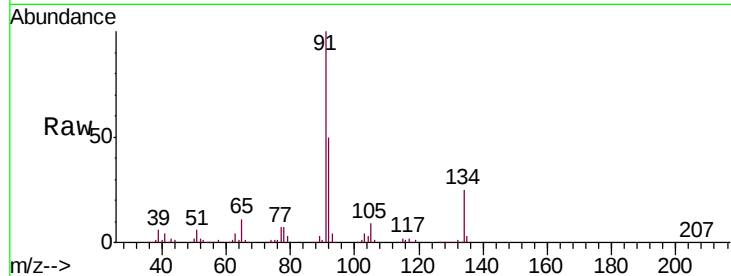




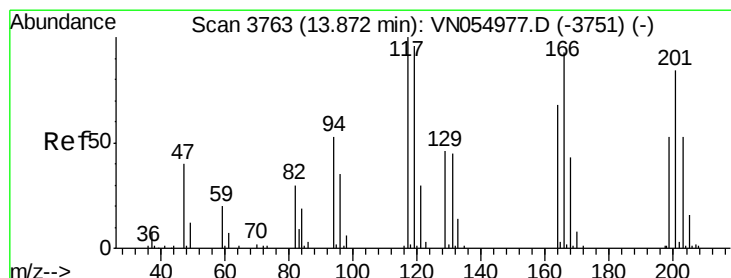
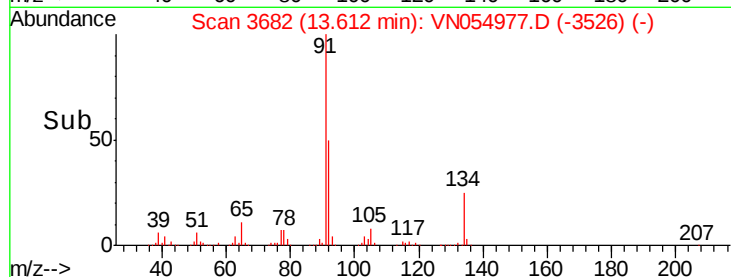
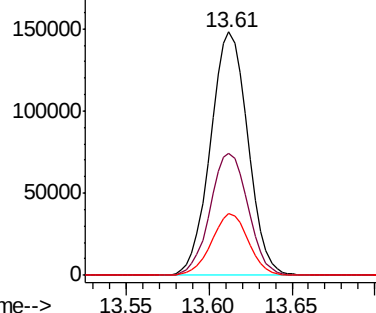
#85
n-Butylbenzene
Concen: 18.842 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 233021
Ion Ratio Lower Upper
91 100
92 50.7 0.0 101.4
134 24.9 0.0 49.8

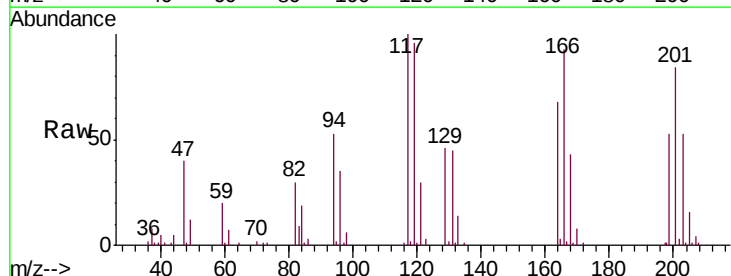


Abundance Ion 91.00 (90.70 to 91.70): VN054977.D (-3669) (-)
Ion 92.00 (91.70 to 92.70): VN054977.D (-3669) (-)
Ion 134.00 (133.70 to 134.70): VN054977.D (-3669) (-)

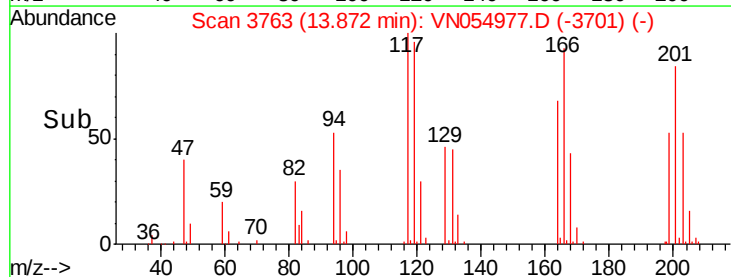
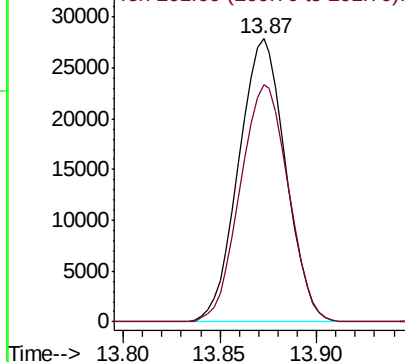


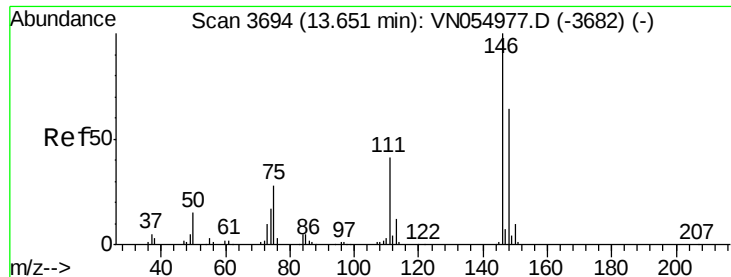
#86
Hexachloroethane
Concen: 17.546 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion: 117 Resp: 47175
Ion Ratio Lower Upper
117 100
201 85.5 42.8 128.3



Abundance Ion 117.00 (116.70 to 117.70): VN054977.D (-3751) (-)
Ion 201.00 (200.70 to 201.70): VN054977.D (-3751) (-)

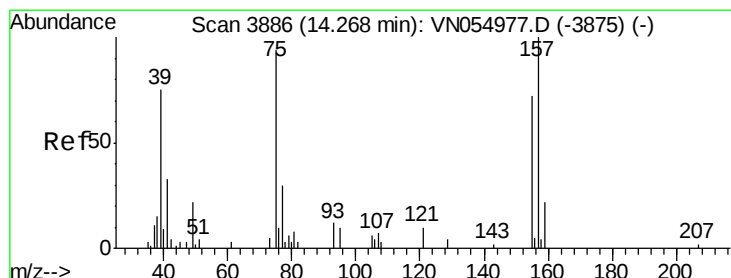
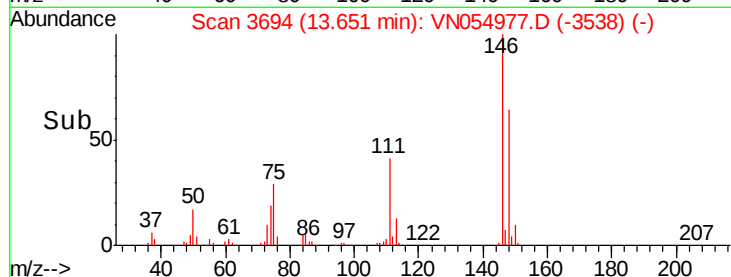
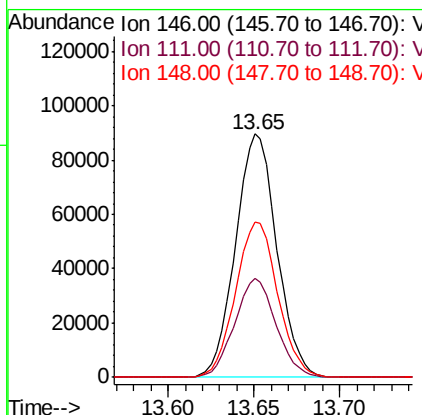
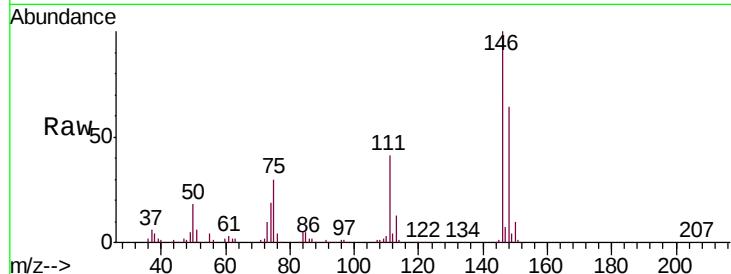




#87
 1,2-Dichlorobenzene
 Concen: 20.924 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

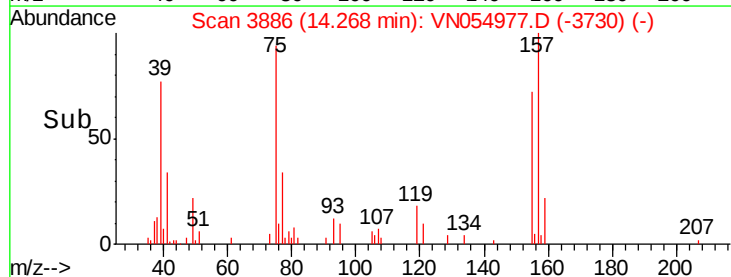
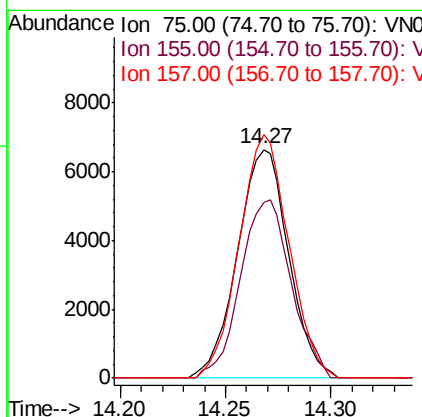
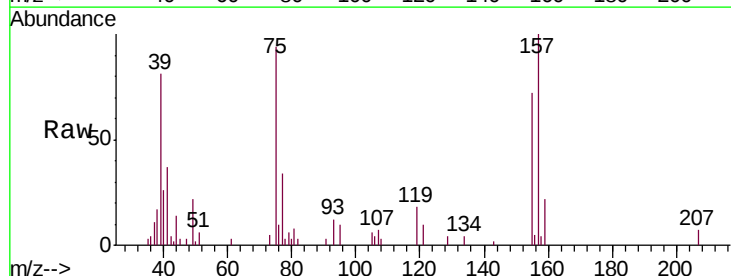
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

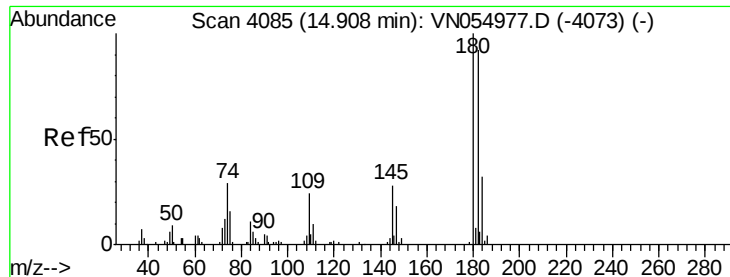
Tgt Ion: 146 Resp: 149406
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 65.0 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.335 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion: 75 Resp: 11236
 Ion Ratio Lower Upper
 75 100
 155 77.3 61.8 92.8
 157 103.4 82.7 124.1

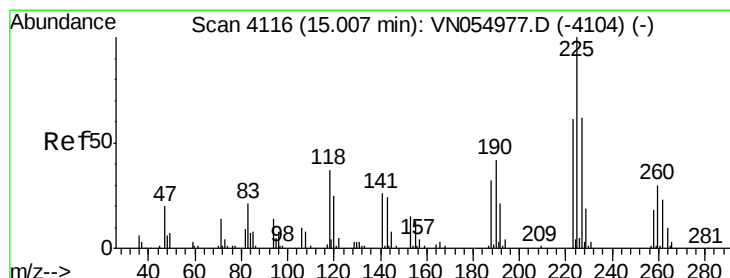
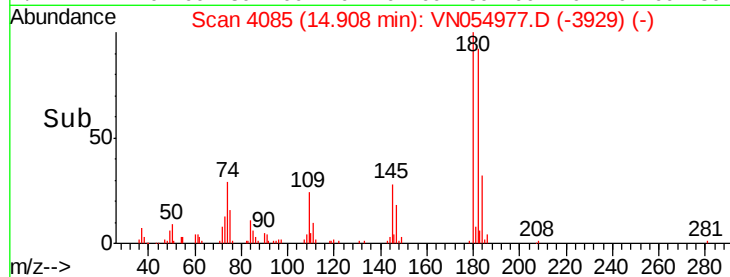
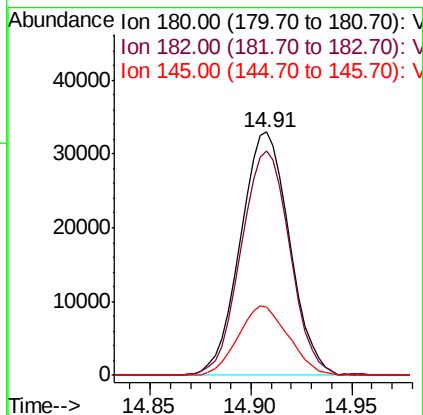
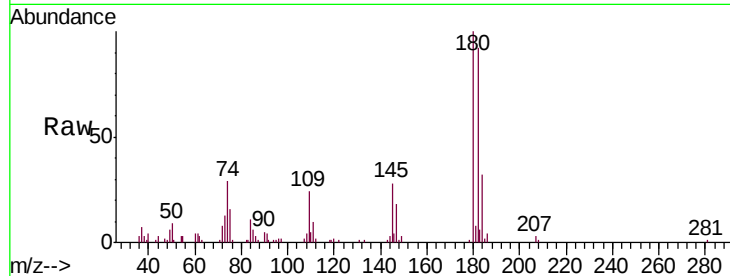




#89
 1,2,4-Trichlorobenzene
 Concen: 16.107 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

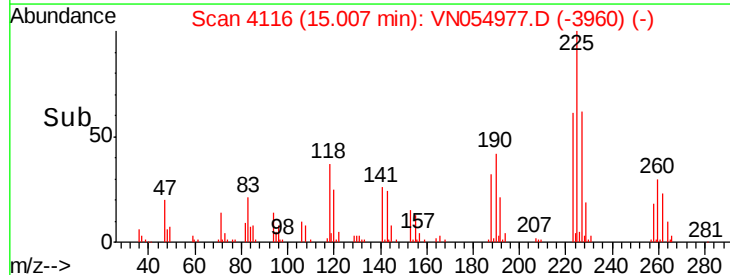
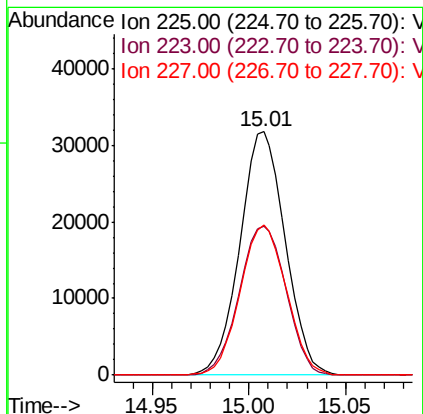
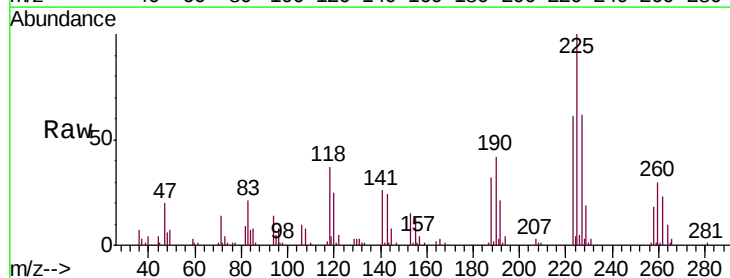
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

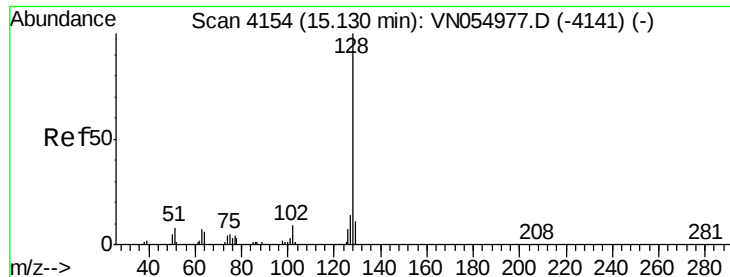
Tgt Ion:180 Resp: 56267
 Ion Ratio Lower Upper
 180 100
 182 91.5 73.2 109.8
 145 29.0 23.2 34.8



#90
 Hexachlorobutadiene
 Concen: 19.634 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054977.D
 Acq: 11 Apr 2019 14:54

Tgt Ion:225 Resp: 51861
 Ion Ratio Lower Upper
 225 100
 223 63.0 0.0 126.0
 227 62.7 0.0 125.4

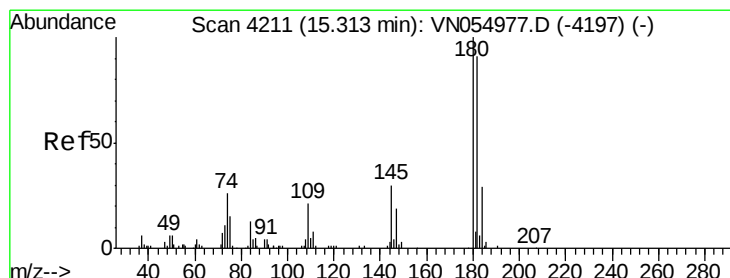
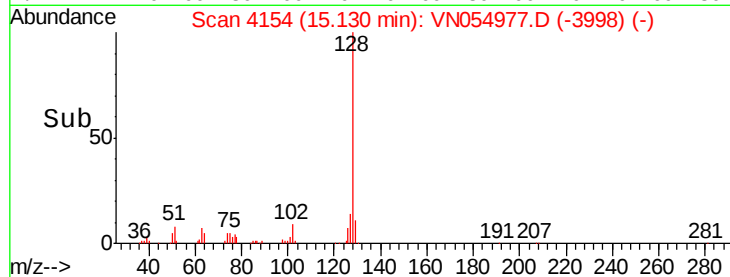
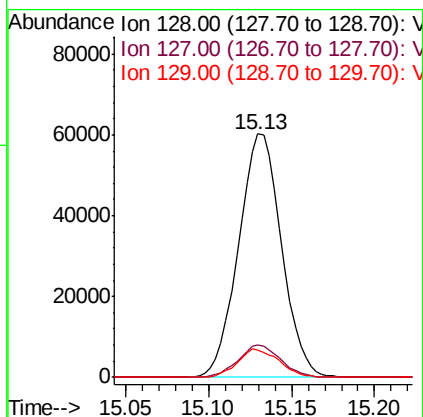
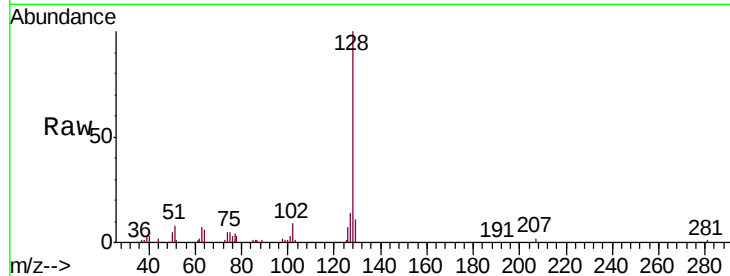




#91
Naphthalene
Concen: 15.610 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 108228
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.3 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 16.966 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN054977.D
Acq: 11 Apr 2019 14:54

Tgt Ion:180 Resp: 59100
Ion Ratio Lower Upper
180 100
182 94.1 0.0 188.2
145 30.6 0.0 61.2

