

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054940.D
 Acq On : 4 Apr 2019 11:31
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 05 01:53:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 01:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	464640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	747081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	668624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	306823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	606093	98.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.88%	
35) Dibromofluoromethane	7.59	113	489120	100.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.16%	
50) Toluene-d8	10.09	98	1899164	102.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.84%	
62) 4-Bromofluorobenzene	12.40	95	653612	106.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	564417	101.588	ug/l	99
3) Chloromethane	2.06	50	708336	96.427	ug/l	99
4) Vinyl Chloride	2.19	62	621079	96.767	ug/l	98
5) Bromomethane	2.57	94	347185	94.764	ug/l	100
6) Chloroethane	2.71	64	332359	92.846	ug/l	97
7) Trichlorofluoromethane	3.02	101	743951	95.465	ug/l	100
8) Diethyl Ether	3.41	74	235041	94.701	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	381503	92.401	ug/l	99
10) Methyl Iodide	3.95	142	588482	101.115	ug/l	100
11) Tert butyl alcohol	4.82	59	154998	488.889	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	379989	92.778	ug/l	99
13) Acrolein	3.61	56	245410	566.026	ug/l	99
14) Allyl chloride	4.32	41	948539	102.081	ug/l	97
15) Acrylonitrile	4.99	53	918801	484.666	ug/l	99
16) Acetone	3.82	43	742705	446.073	ug/l	100
17) Carbon Disulfide	4.04	76	1333979	102.321	ug/l	100
18) Methyl Acetate	4.33	43	395894	86.833	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1292951	97.327	ug/l	100
20) Methylene Chloride	4.55	84	532846	93.716	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	499261	97.785	ug/l	98
22) Diisopropyl ether	5.96	45	1870506	100.194	ug/l	97
23) Vinyl Acetate	5.90	43	6879336	529.563	ug/l	100
24) 1,1-Dichloroethane	5.85	63	982450	96.502	ug/l	99
25) 2-Butanone	6.85	43	1184731	515.025	ug/l	98
26) 2,2-Dichloropropane	6.82	77	717411	100.522	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	573148	98.776	ug/l	99
28) Bromochloromethane	7.19	49	454836	95.366	ug/l	99
29) Tetrahydrofuran	7.22	42	742660	492.559	ug/l	99
30) Chloroform	7.37	83	936439	97.057	ug/l	99
31) Cyclohexane	7.65	56	963429	82.877	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	795338	97.685	ug/l	99
36) 1,1-Dichloropropene	7.79	75	745602	100.725	ug/l	99
37) Ethyl Acetate	6.94	43	514556	101.292	ug/l	99
38) Carbon Tetrachloride	7.77	117	694090	97.093	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	842107	103.407	ug/l	99
40) Benzene	8.04	78	2156743	101.255	ug/l	100
41) Methacrylonitrile	7.18	41	298393	102.729	ug/l	95
42) 1,2-Dichloroethane	8.12	62	732032	97.802	ug/l	99
43) Isopropyl Acetate	8.17	43	896862	104.756	ug/l	100
44) Trichloroethene	8.83	130	553381	101.608	ug/l	100
45) 1,2-Dichloropropane	9.12	63	594698	100.205	ug/l	98
46) Dibromomethane	9.21	93	333703	99.155	ug/l	99
47) Bromodichloromethane	9.40	83	729442	103.192	ug/l	99
48) Methyl methacrylate	9.20	41	468089	108.003	ug/l	99
49) 1,4-Dioxane	9.20	88	88302	2018.560	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2493599	522.098	ug/l	100
52) Toluene	10.16	92	1294335	103.092	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	743631	113.985	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	873971	109.852	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	457286	100.457	ug/l	99
56) Ethyl methacrylate	10.43	69	648996	109.045	ug/l	98
57) 1,3-Dichloropropane	10.71	76	808685	101.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1343335	571.226	ug/l	100
59) 2-Hexanone	10.75	43	1588969	532.634	ug/l	99
60) Dibromochloromethane	10.90	129	521423	109.358	ug/l	99
61) 1,2-Dibromoethane	11.00	107	461114	107.737	ug/l	99
64) Tetrachloroethene	10.63	164	506956	94.010	ug/l	99
65) Chlorobenzene	11.43	112	1365244	100.175	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	518232	103.858	ug/l	99
67) Ethyl Benzene	11.51	91	2500611	101.763	ug/l	100
68) m/p-Xylenes	11.62	106	1839001	204.725	ug/l	99
69) o-Xylene	11.95	106	889791	101.552	ug/l	99
70) Styrene	11.96	104	1516167	107.881	ug/l	100
71) Bromoform	12.13	173	332091	110.725	ug/l #	100
73) Isopropylbenzene	12.25	105	2387178	92.102	ug/l	99
74) N-amyl acetate	12.07	43	754262	104.696	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	559740	87.921	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	681890	136.699	ug/l #	100
77) Bromobenzene	12.53	156	590991	94.153	ug/l	98
78) n-propylbenzene	12.59	91	2726173	95.468	ug/l	100
79) 2-Chlorotoluene	12.67	91	1613090	91.148	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1998480	93.886	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	147688	117.523	ug/l	94
82) 4-Chlorotoluene	12.77	91	1644859	98.264	ug/l	99
83) tert-Butylbenzene	12.99	119	1671349	92.302	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1991711	96.709	ug/l	100
85) sec-Butylbenzene	13.17	105	2178539	93.016	ug/l	99
86) p-Isopropyltoluene	13.29	119	1970730	97.657	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1019985	97.688	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	986617	99.263	ug/l	99
89) n-Butylbenzene	13.61	91	1708810	105.955	ug/l	99
90) Hexachloroethane	13.87	117	343146	101.228	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	972288	94.844	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	86433	97.422	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Apr 05 01:45:45 2019
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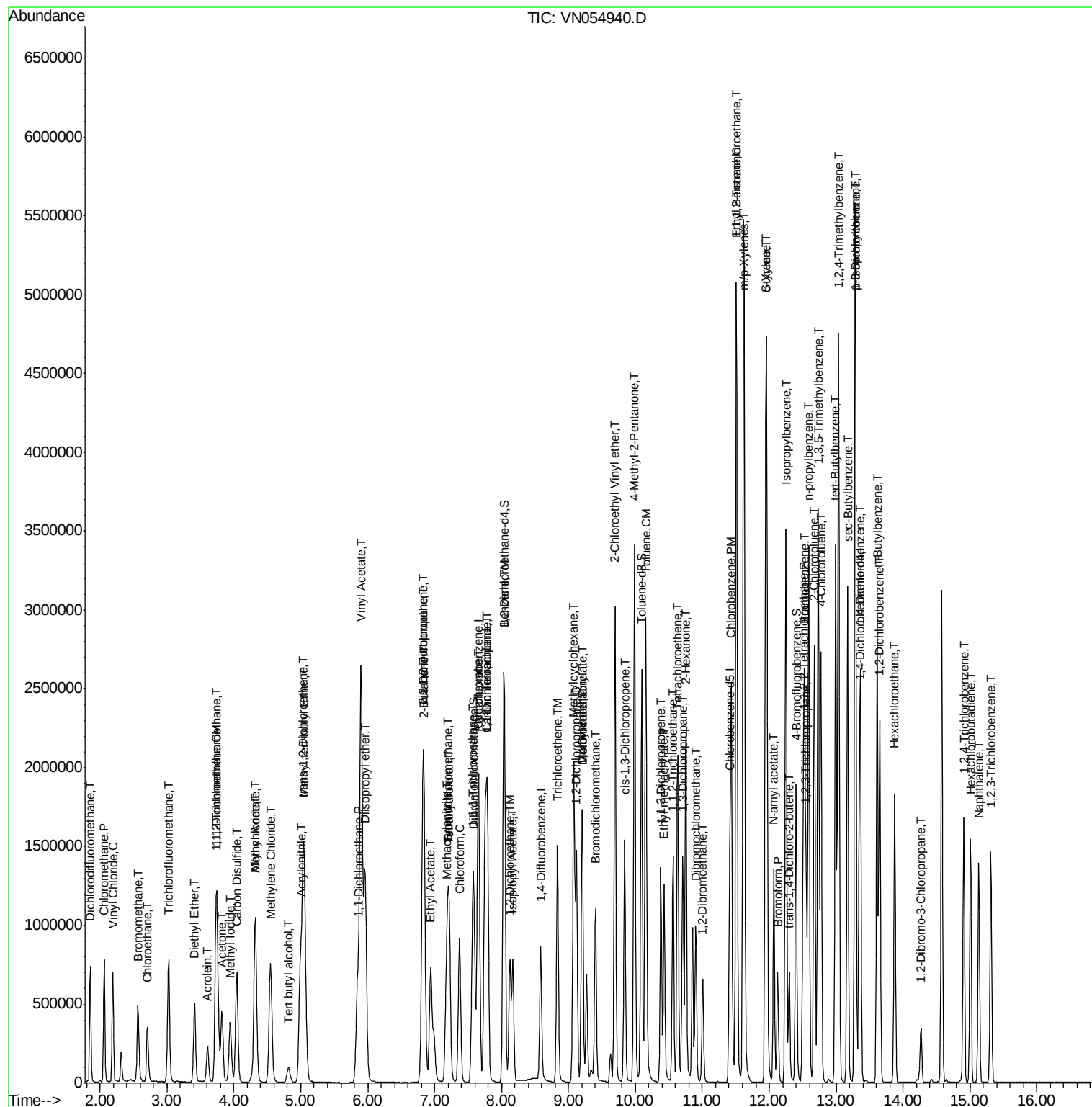
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	546071	119.734	ug/l	100
94) Hexachlorobutadiene	15.01	225	303334	88.445	ug/l	96
95) Naphthalene	15.13	128	1183573	118.267	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	521398	110.757	ug/l	100

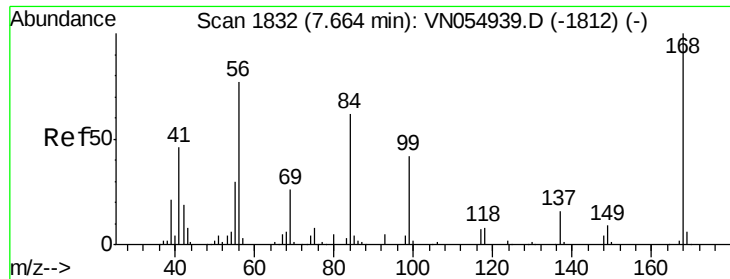
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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Quant Title : SW846 8260
QLast Update : Fri Apr 05 01:45:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

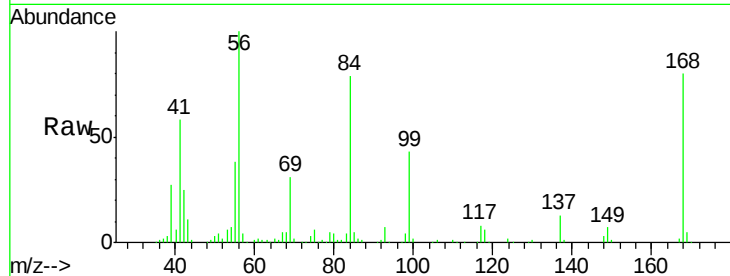
VSTDIC100

Tgt Ion:168 Resp: 464640

Ion Ratio Lower Upper

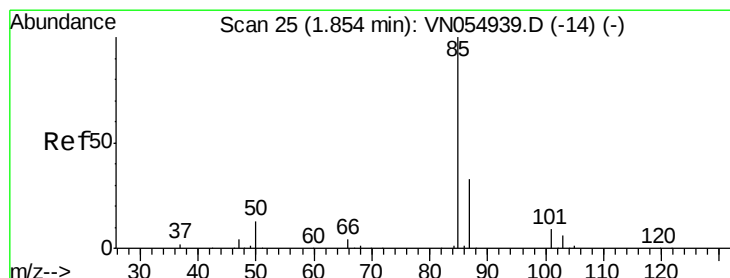
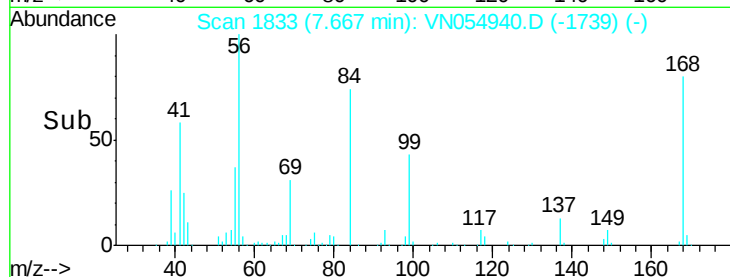
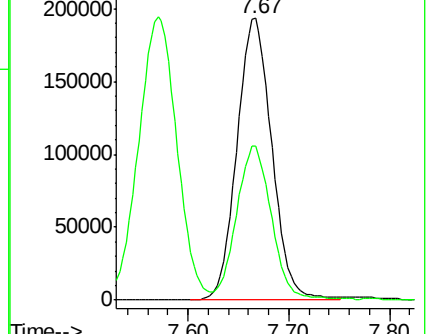
168 100

99 53.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 101.588 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054940.D

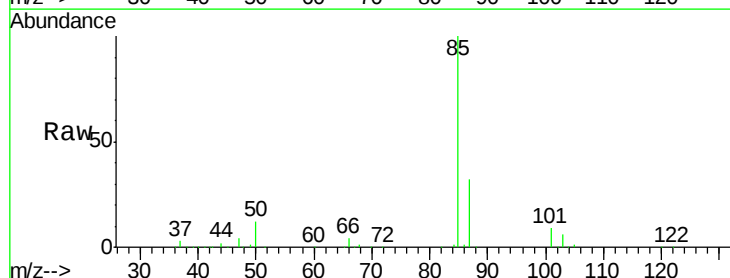
Acq: 4 Apr 2019 11:31

Tgt Ion: 85 Resp: 564417

Ion Ratio Lower Upper

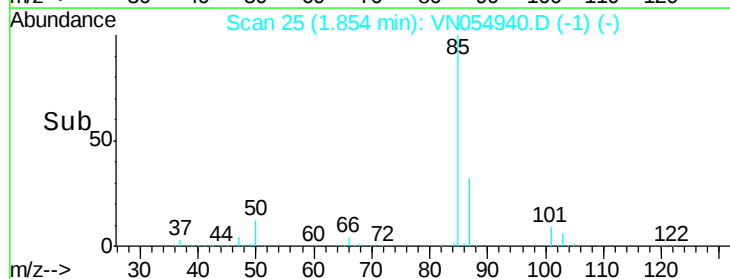
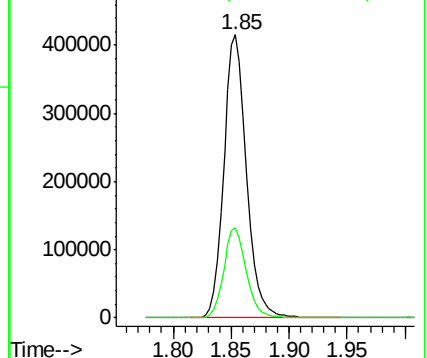
85 100

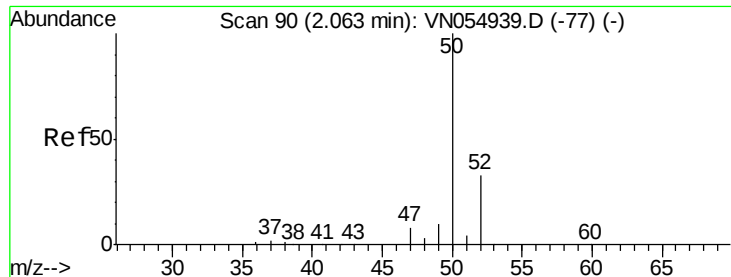
87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 96.427 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

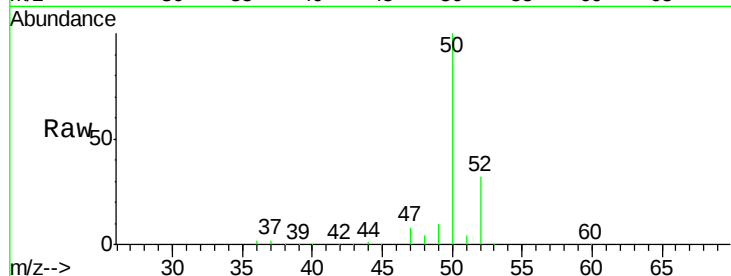
VSTDIC100

Tgt Ion: 50 Resp: 708336

Ion Ratio Lower Upper

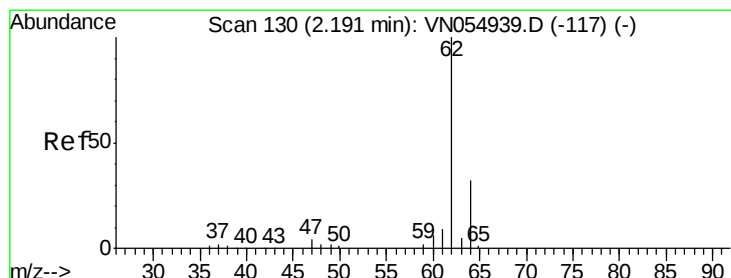
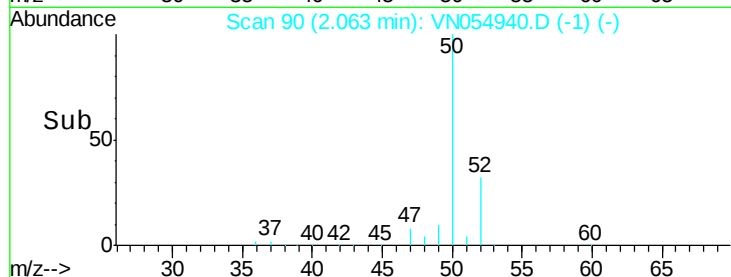
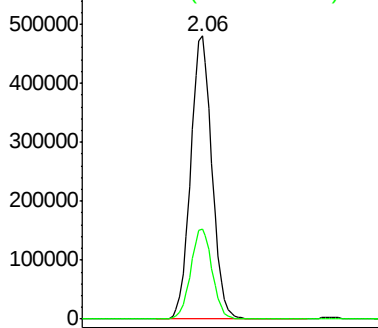
50 100

52 32.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 96.767 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054940.D

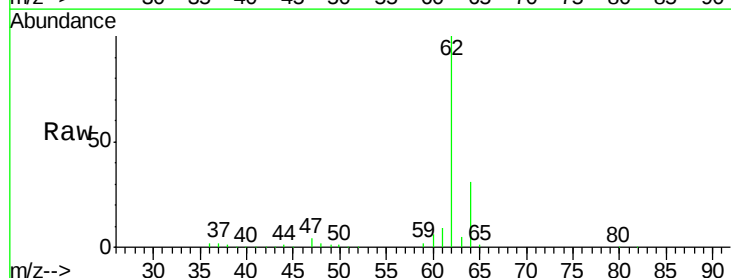
Acq: 4 Apr 2019 11:31

Tgt Ion: 62 Resp: 621079

Ion Ratio Lower Upper

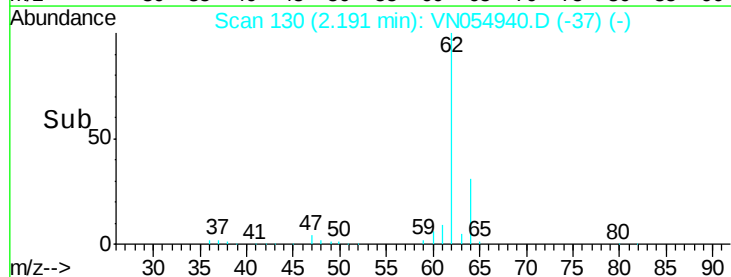
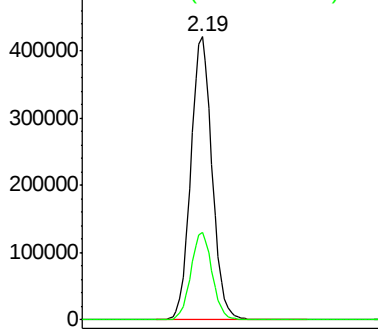
62 100

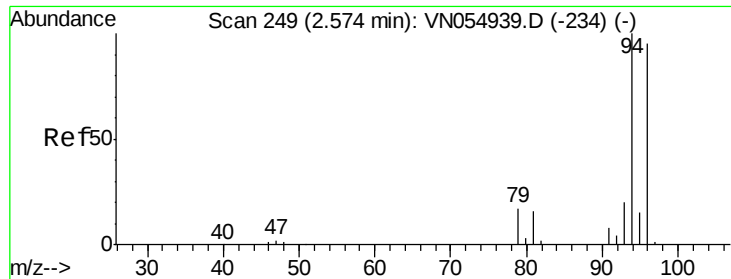
64 30.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

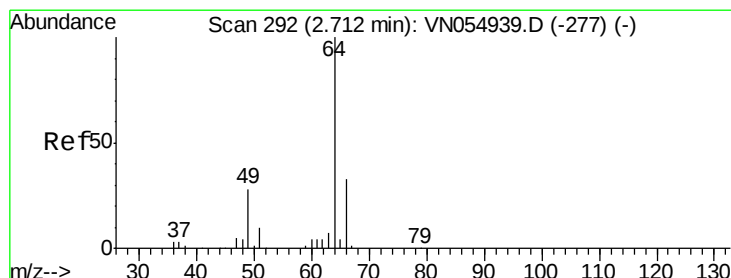
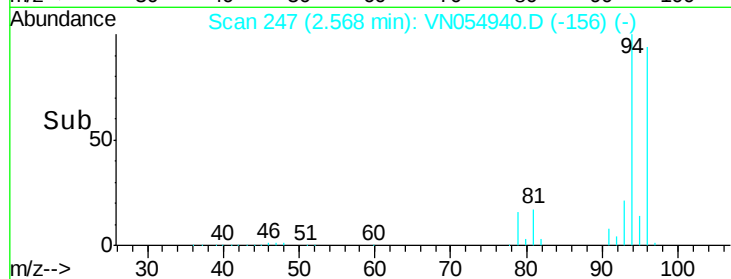
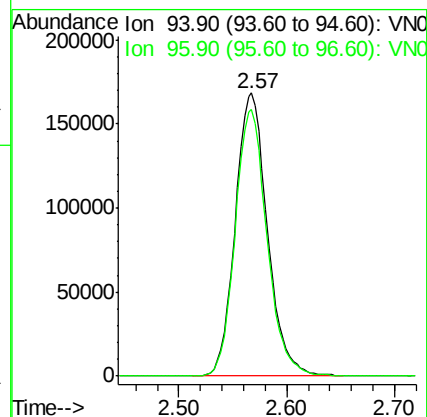
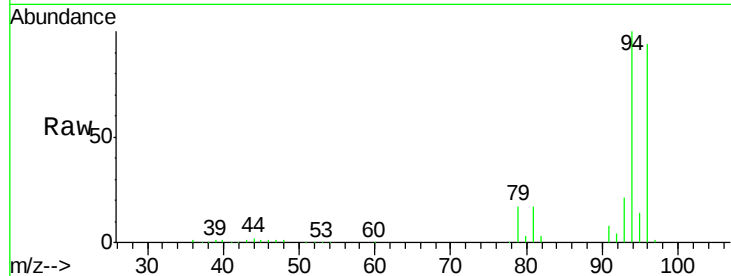




#5
Bromomethane
Concen: 94.764 ug/l
RT: 2.57 min Scan# 247
Delta R.T. -0.01 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

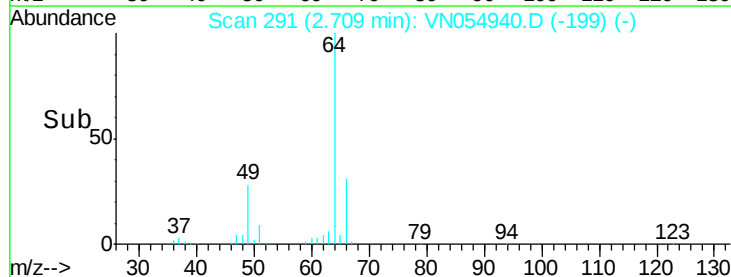
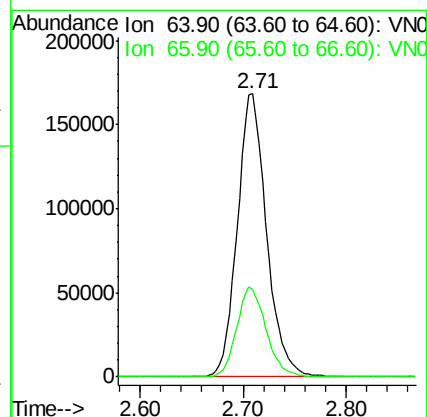
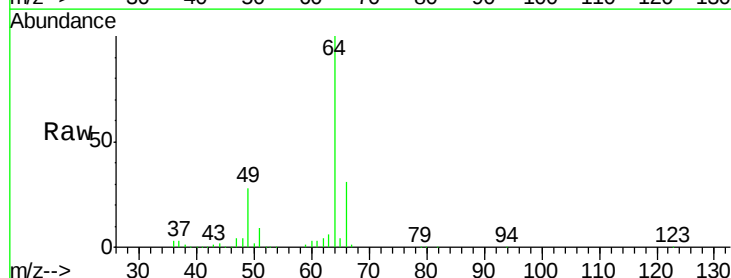
Instrument :
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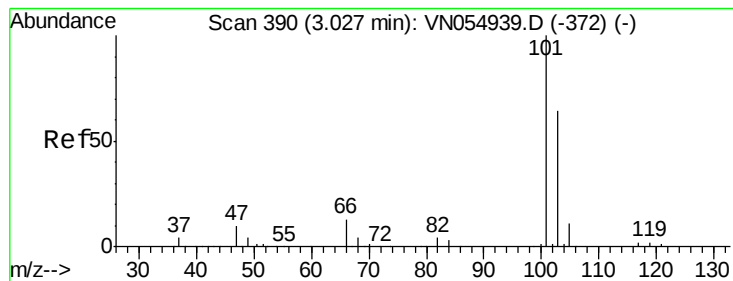
Tgt Ion: 94 Resp: 347185
Ion Ratio Lower Upper
94 100
96 94.5 75.7 113.5



#6
Chloroethane
Concen: 92.846 ug/l
RT: 2.71 min Scan# 291
Delta R.T. -0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion: 64 Resp: 332359
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.4



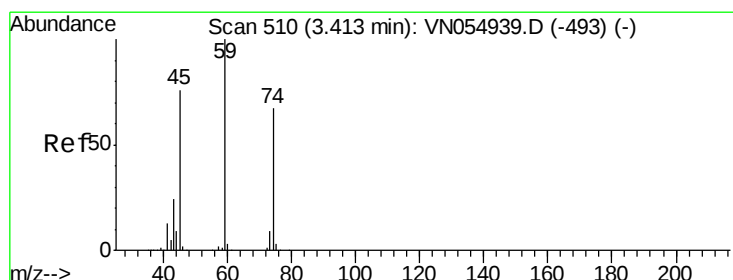
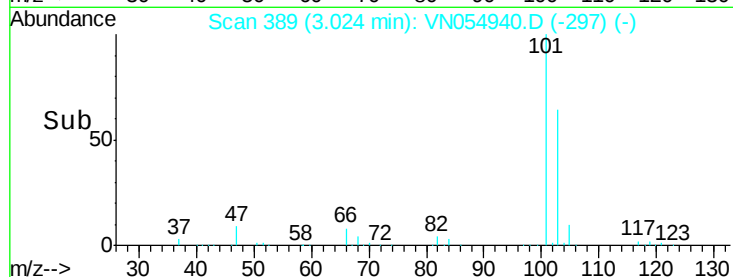
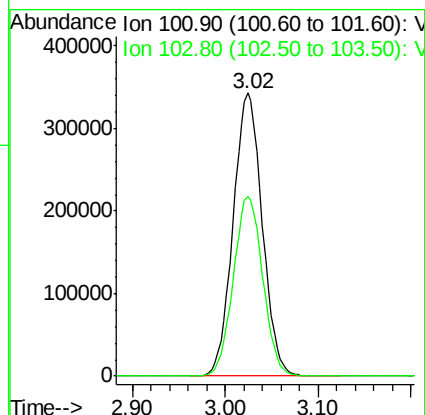
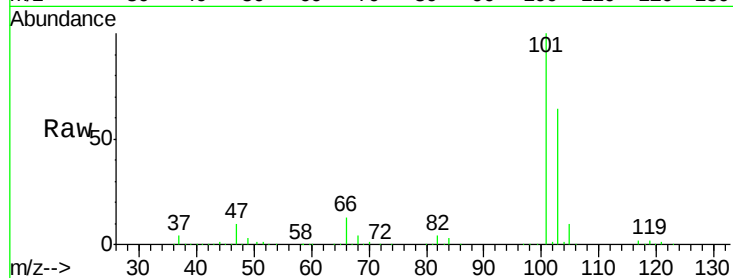


#7

Trichlorofluoromethane
 Concen: 95.465 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Instrument :
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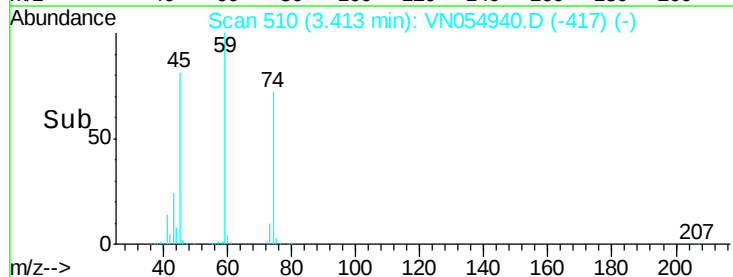
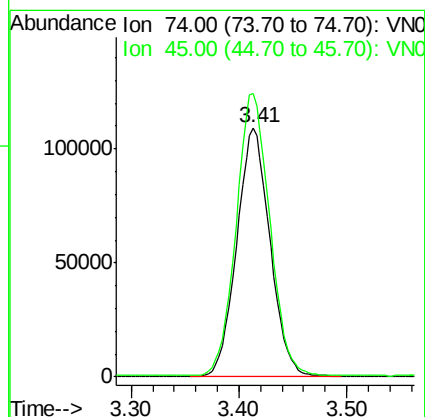
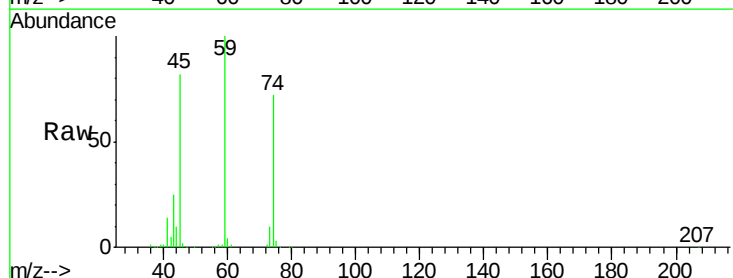
Tgt Ion: 101 Resp: 743951
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.3 76.9

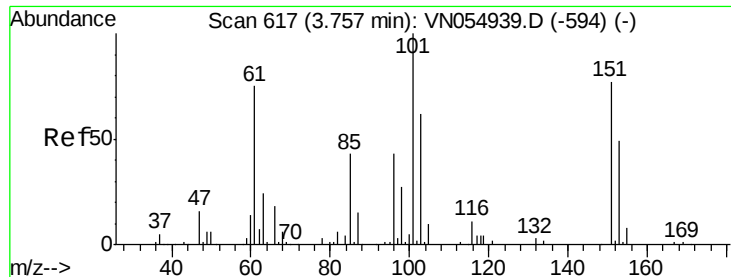


#8

Diethyl Ether
 Concen: 94.701 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion: 74 Resp: 235041
 Ion Ratio Lower Upper
 74 100
 45 113.5 56.3 168.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.401 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

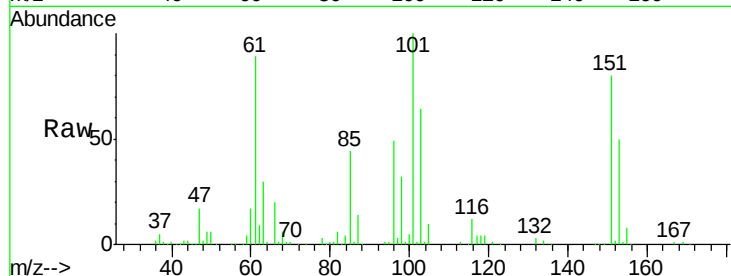
Tgt Ion:101 Resp: 381503

Ion Ratio Lower Upper

101 100

85 45.4 36.2 54.2

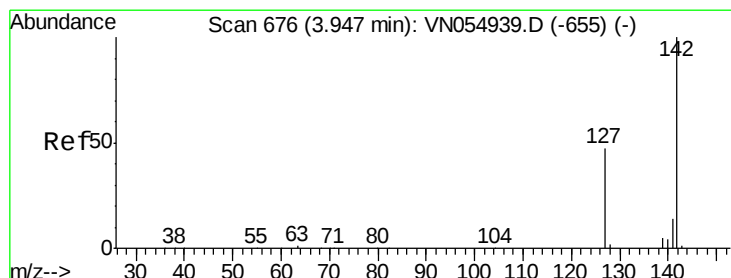
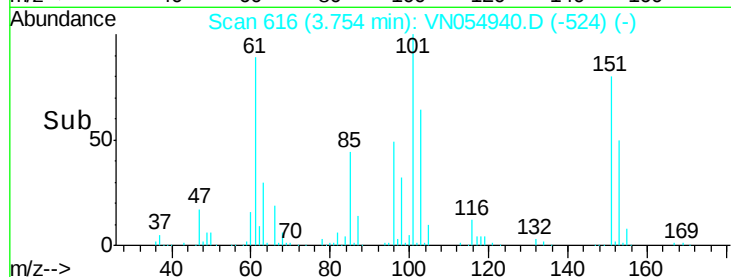
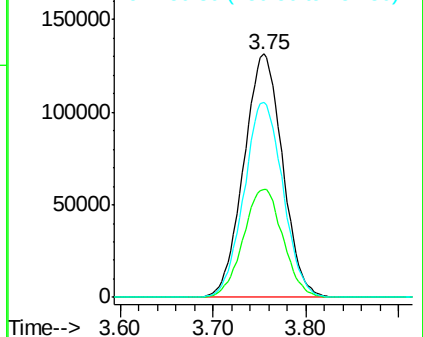
151 80.5 63.4 95.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 101.115 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

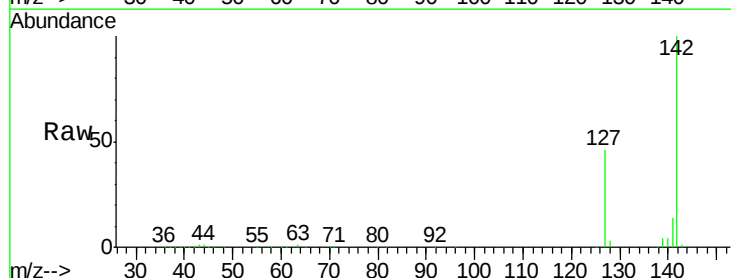
Tgt Ion:142 Resp: 588482

Ion Ratio Lower Upper

142 100

127 47.4 38.0 57.0

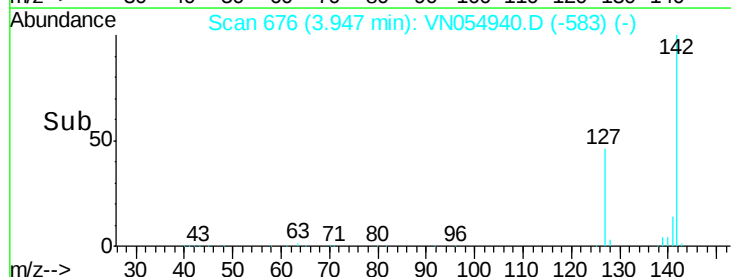
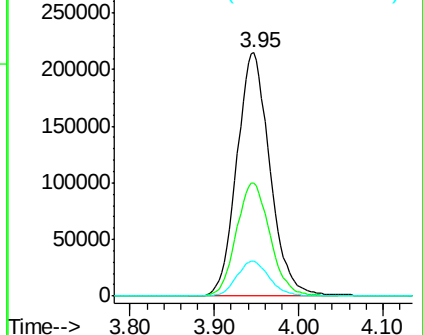
141 14.1 11.7 17.5

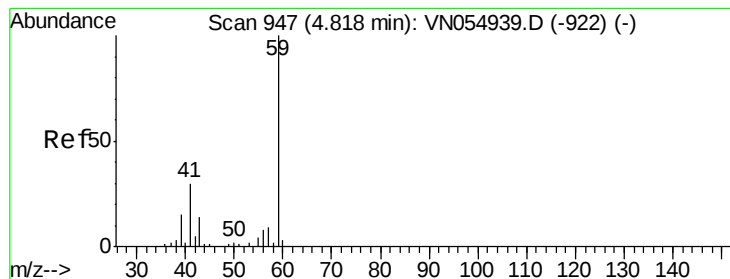


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



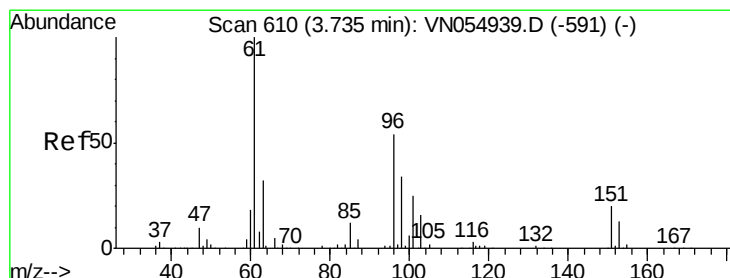
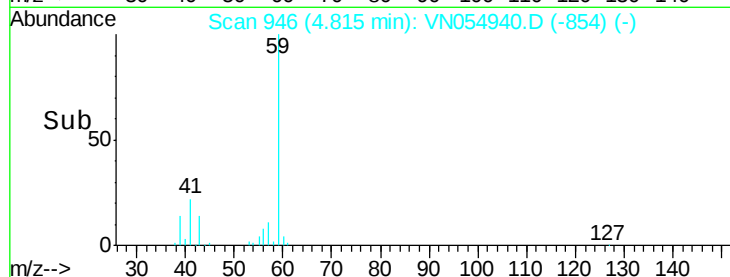
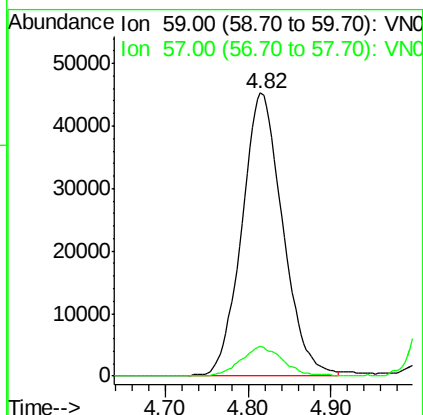
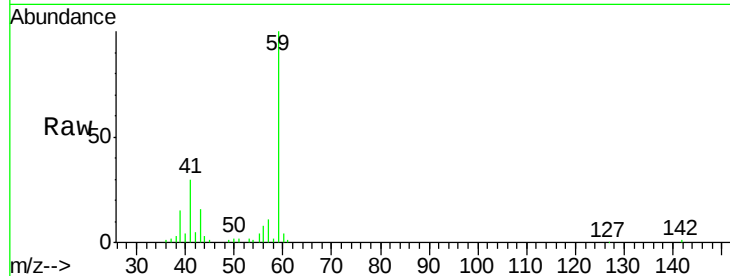


#11

Tert butyl alcohol
 Concen: 488.889 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

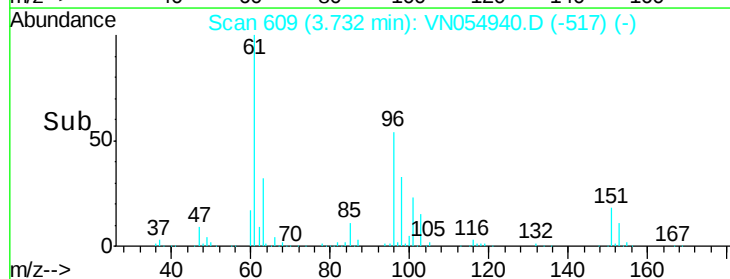
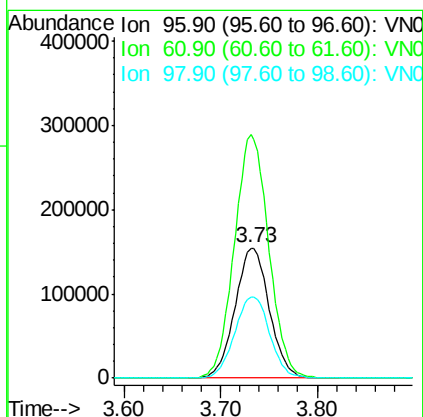
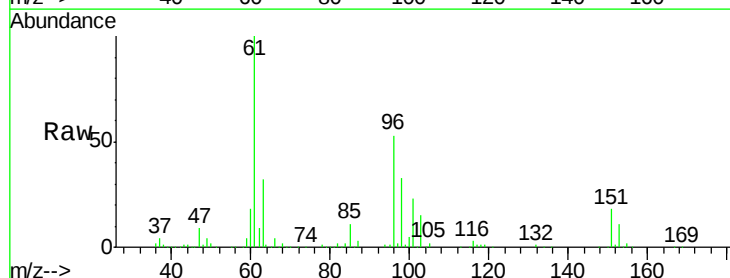
Tgt Ion: 59 Resp: 154998
 Ion Ratio Lower Upper
 59 100
 57 10.6 5.0 7.4#

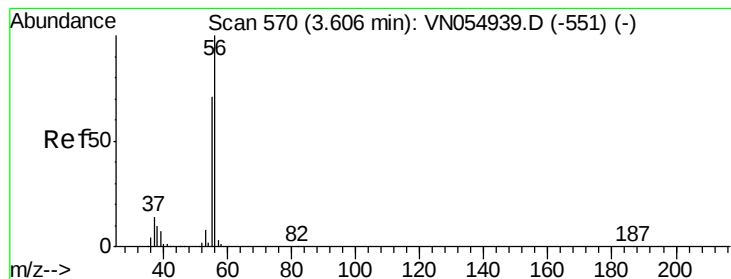


#12

1,1-Dichloroethene
 Concen: 92.778 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion: 96 Resp: 379989
 Ion Ratio Lower Upper
 96 100
 61 187.0 148.2 222.2
 98 61.9 50.2 75.4





#13

Acrolein

Concen: 566.026 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

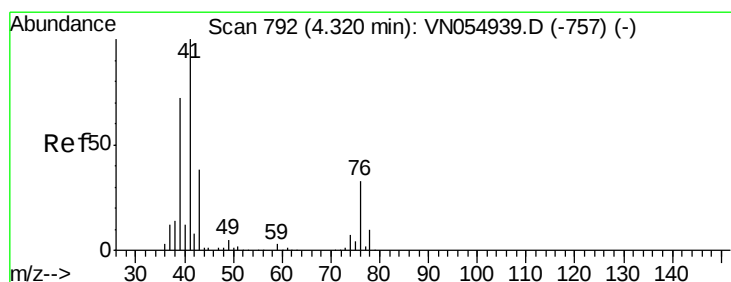
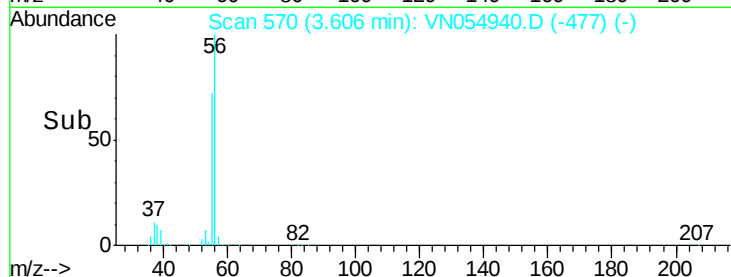
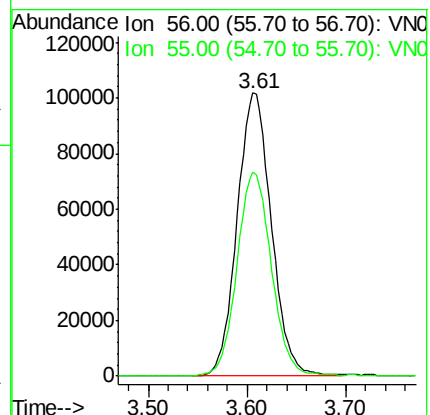
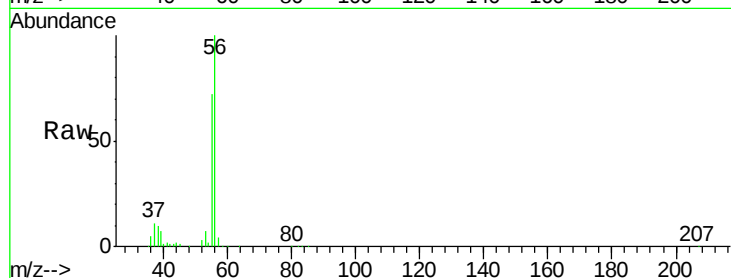
VSTDIC100

Tgt Ion: 56 Resp: 245410

Ion Ratio Lower Upper

56 100

55 72.5 58.6 87.8



#14

Allyl chloride

Concen: 102.081 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

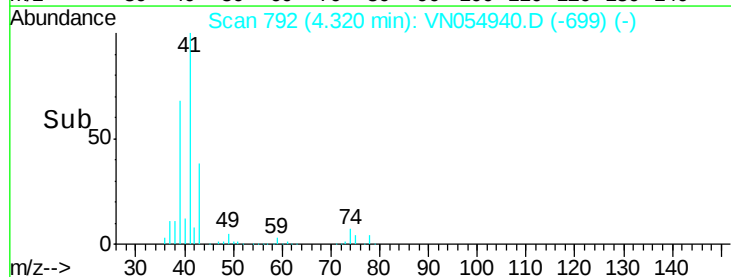
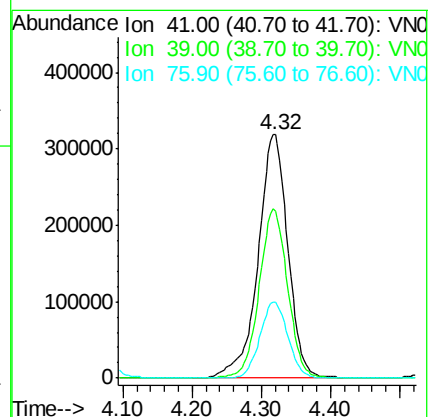
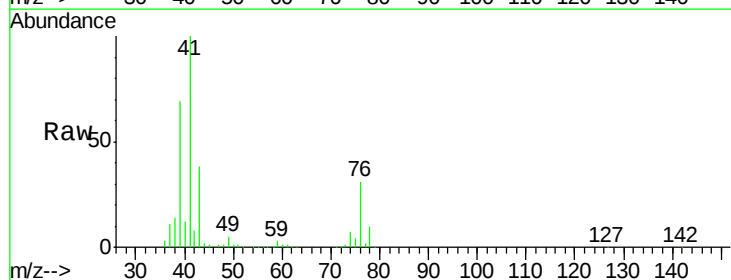
Tgt Ion: 41 Resp: 948539

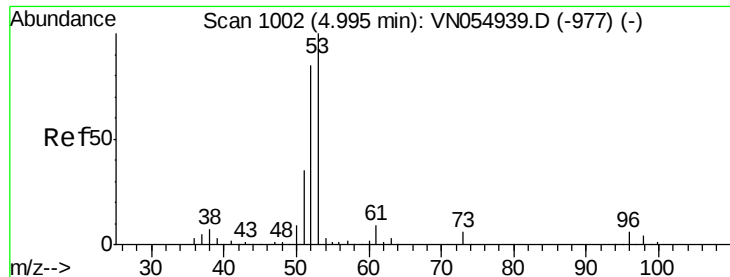
Ion Ratio Lower Upper

41 100

39 66.1 55.4 83.2

76 29.1 23.8 35.8

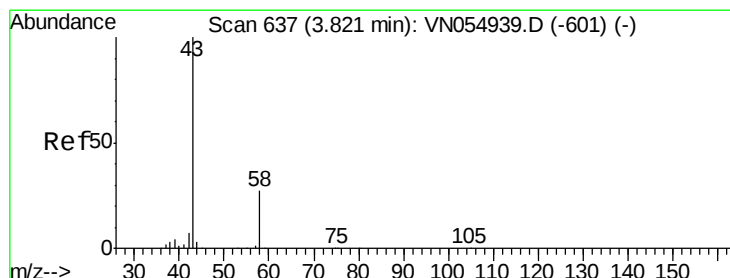
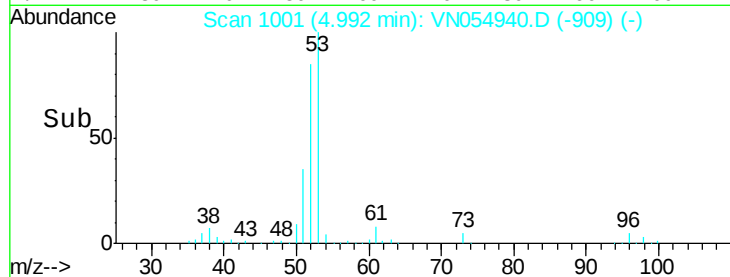
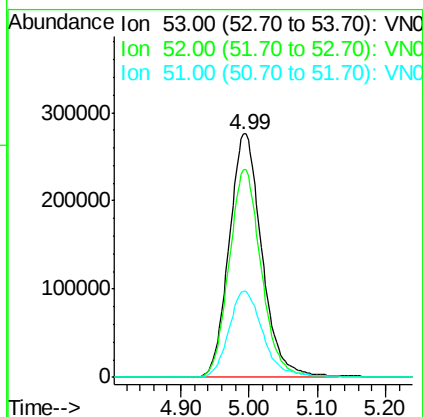
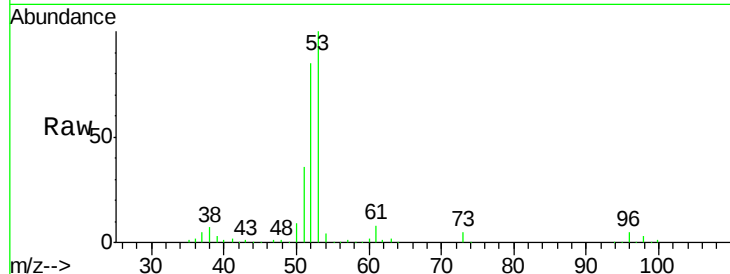




#15
 Acrylonitrile
 Concen: 484.666 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

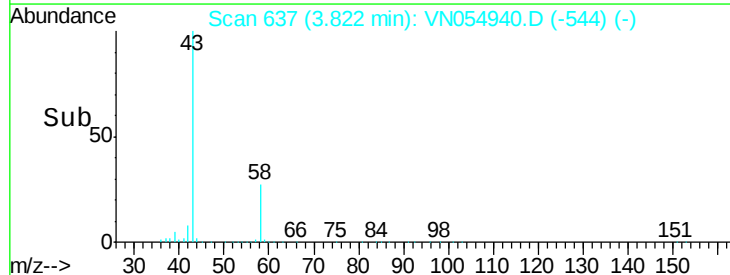
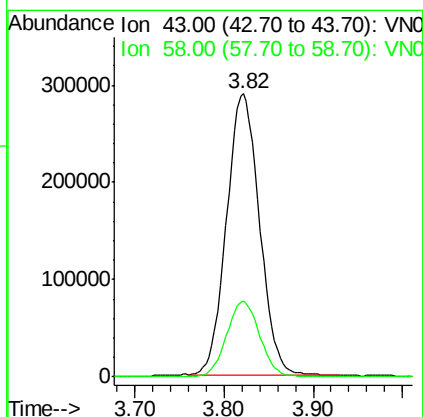
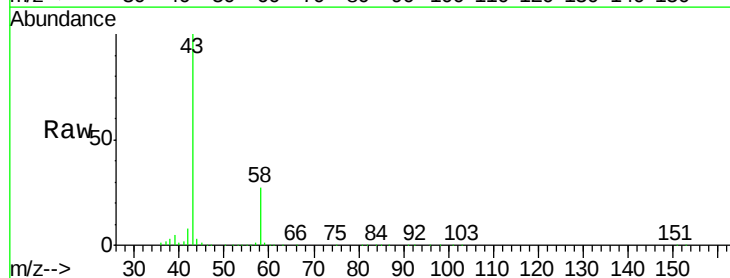
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

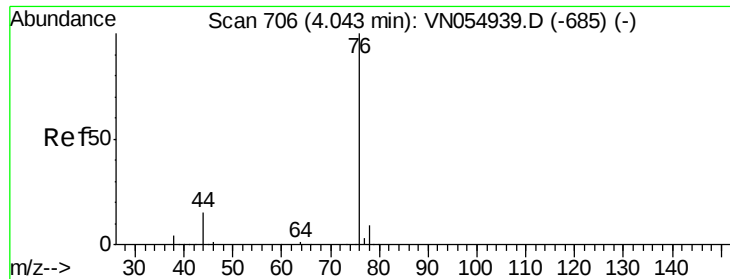
Tgt Ion: 53 Resp: 918801
 Ion Ratio Lower Upper
 53 100
 52 84.0 66.4 99.6
 51 37.1 29.5 44.3



#16
 Acetone
 Concen: 446.073 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion: 43 Resp: 742705
 Ion Ratio Lower Upper
 43 100
 58 26.9 21.7 32.5

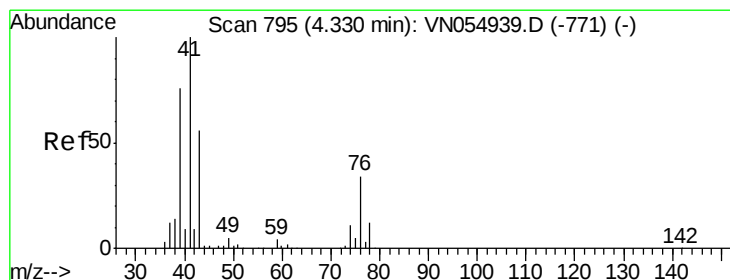
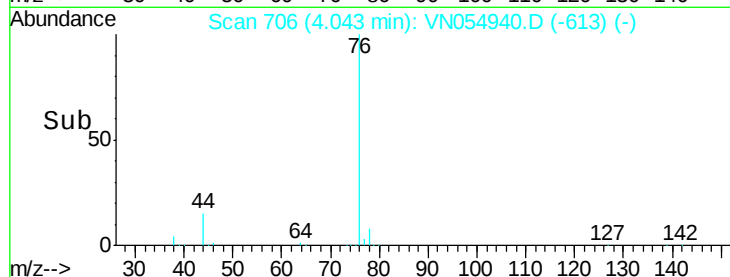
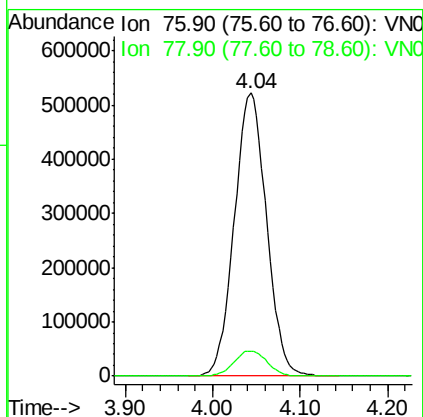
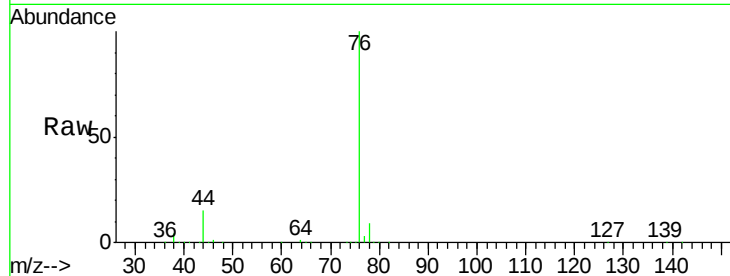




#17
Carbon Disulfide
Concen: 102.321 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

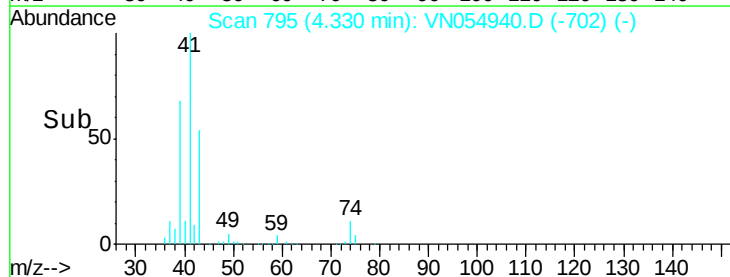
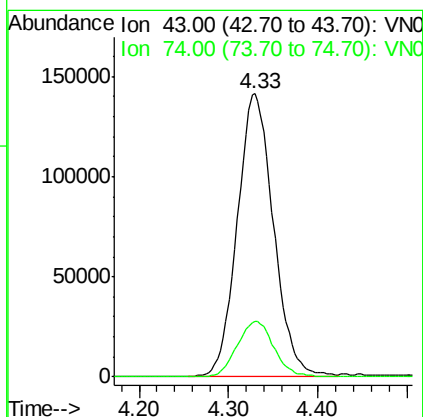
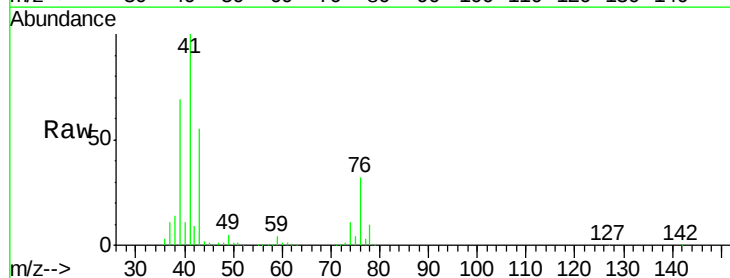
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

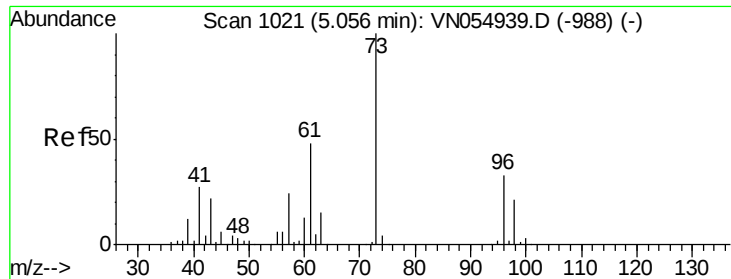
Tgt Ion: 76 Resp: 1333979
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 86.833 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion: 43 Resp: 395894
Ion Ratio Lower Upper
43 100
74 20.1 16.4 24.6

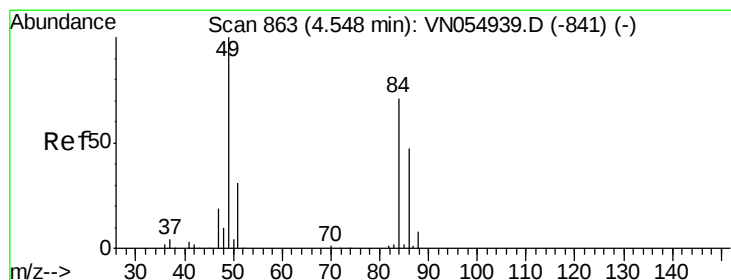
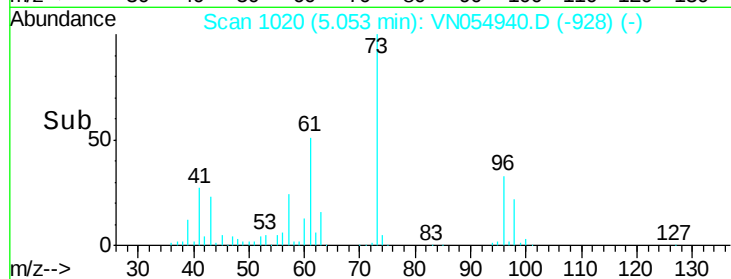
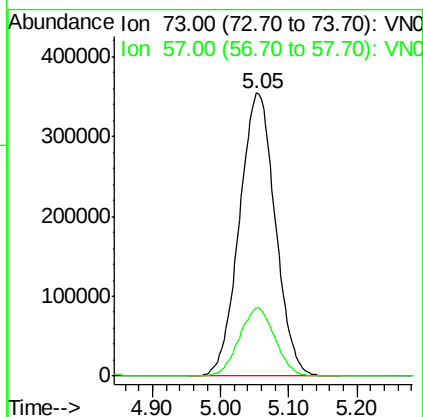
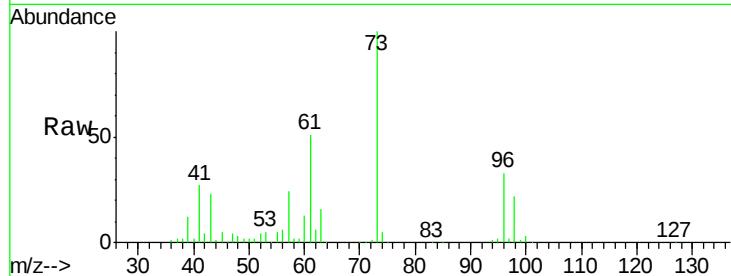




#19
Methyl tert-butyl Ether
Concen: 97.327 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

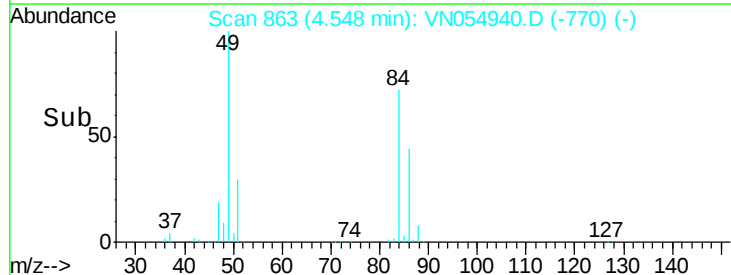
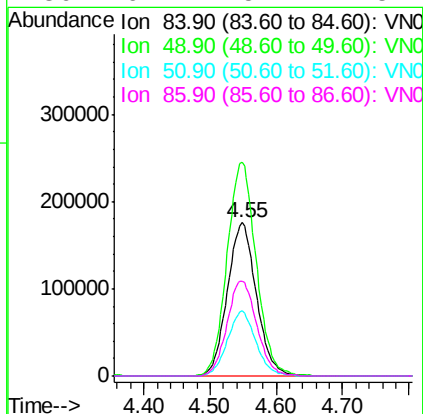
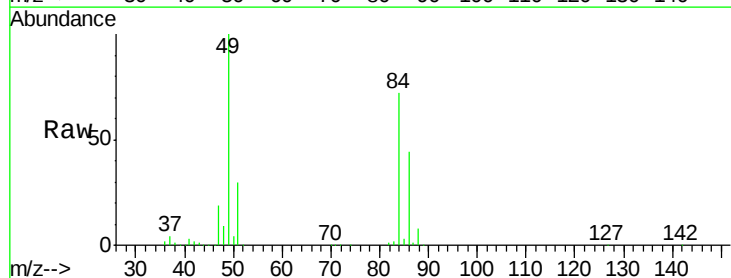
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

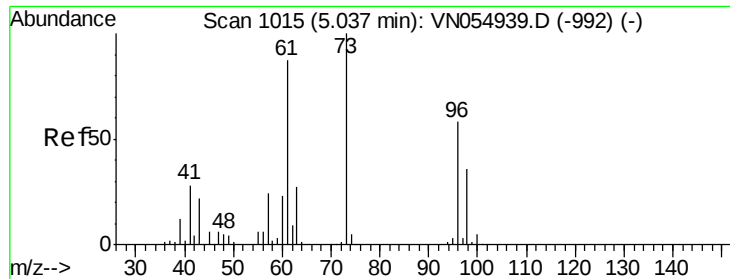
Tgt Ion: 73 Resp: 1292951
Ion Ratio Lower Upper
73 100
57 24.3 19.5 29.3



#20
Methylene Chloride
Concen: 93.716 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion: 84 Resp: 532846
Ion Ratio Lower Upper
84 100
49 139.6 112.1 168.1
51 42.5 34.5 51.7
86 62.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 97.785 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

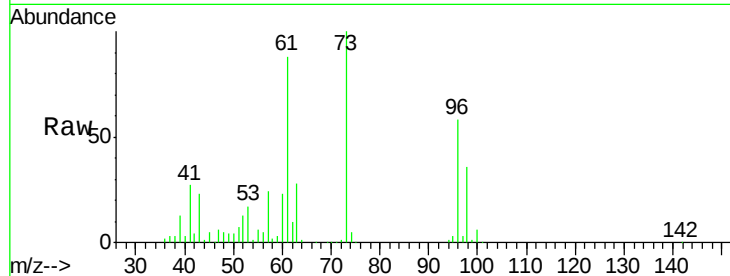
Tgt Ion: 96 Resp: 499261

Ion Ratio Lower Upper

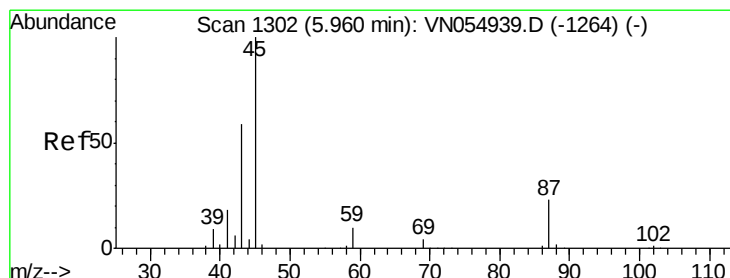
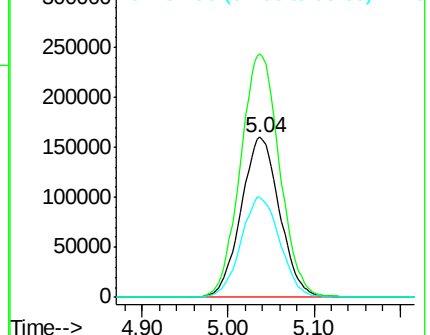
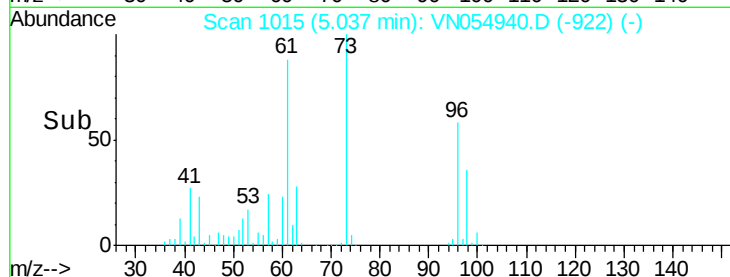
96 100

61 152.1 120.1 180.1

98 62.8 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN054940.D (-1222) (-)



#22

Diisopropyl ether

Concen: 100.194 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Tgt Ion: 45 Resp: 1870506

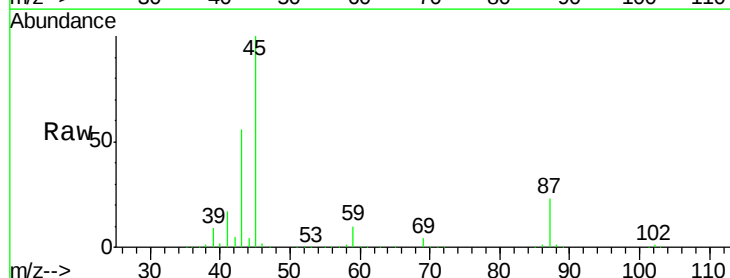
Ion Ratio Lower Upper

45 100

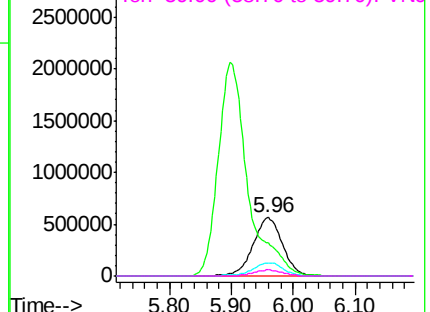
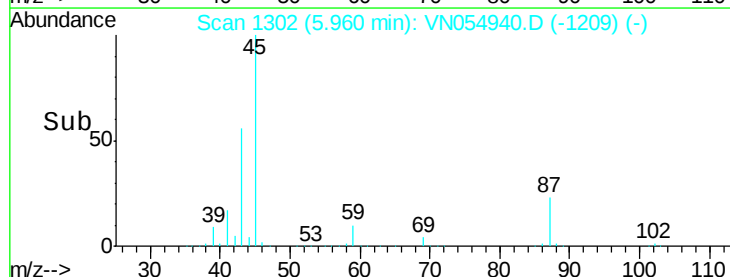
43 55.5 46.9 70.3

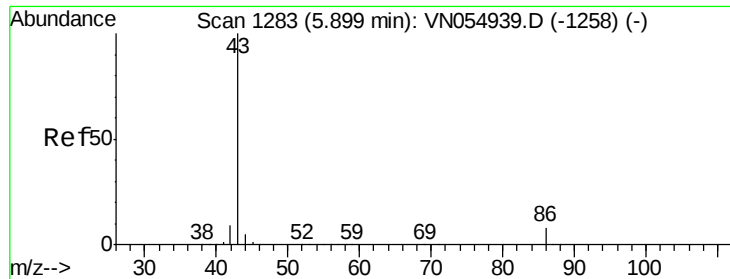
87 22.6 18.6 28.0

59 10.4 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VN054940.D (-1209) (-)

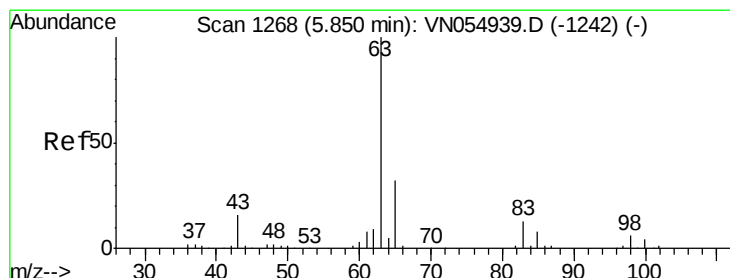
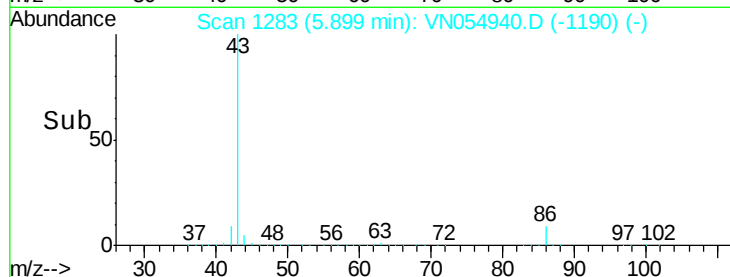
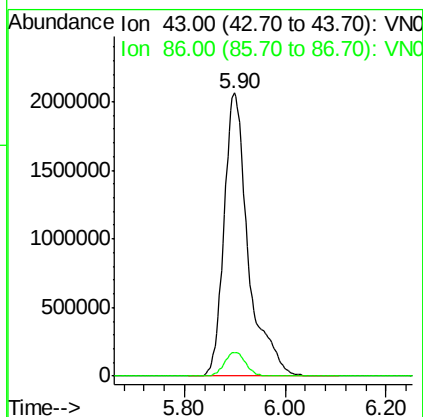
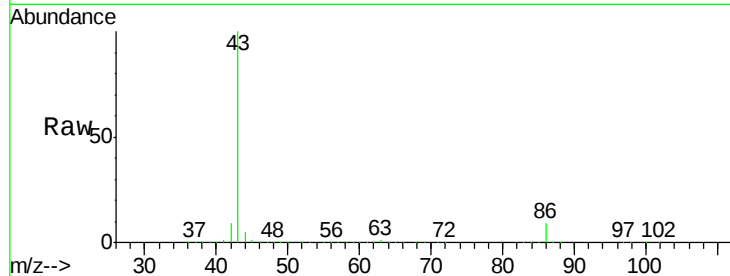




#23
 Vinyl Acetate
 Concen: 529.563 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

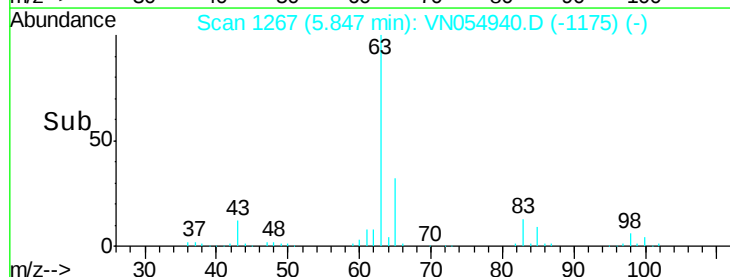
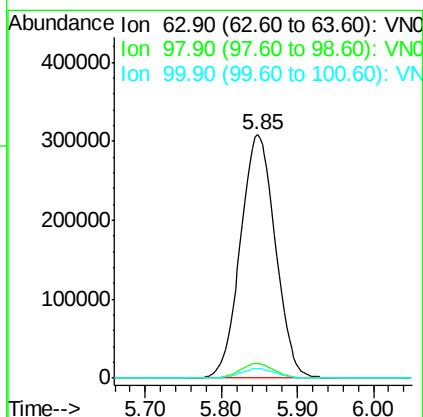
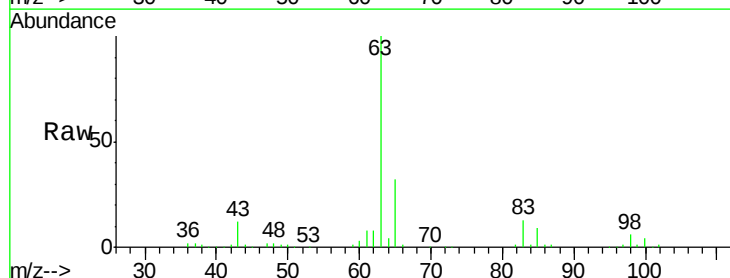
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

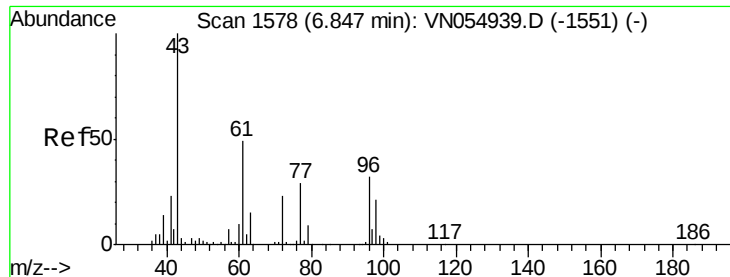
Tgt Ion: 43 Resp: 6879336
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 96.502 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion: 63 Resp: 982450
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.7
 100 3.8 2.1 6.2





#25

2-Butanone

Concen: 515.025 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

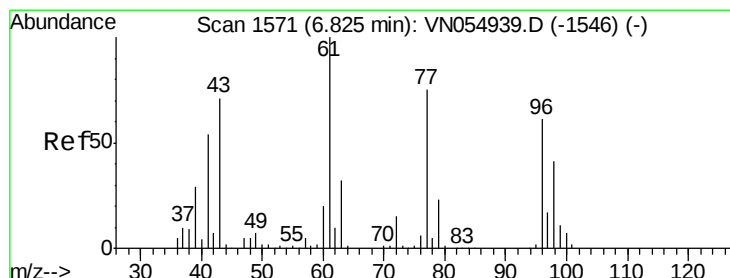
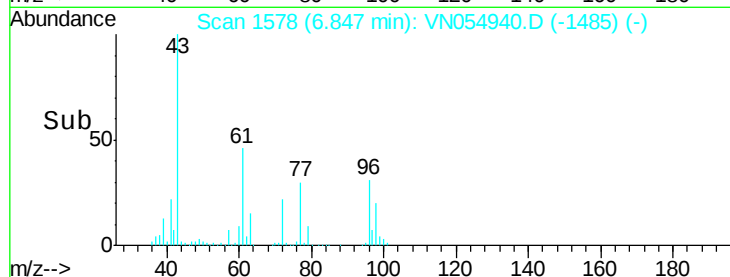
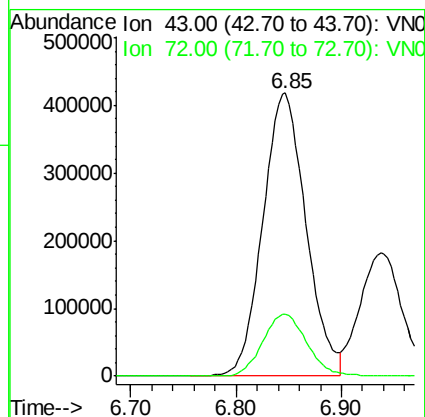
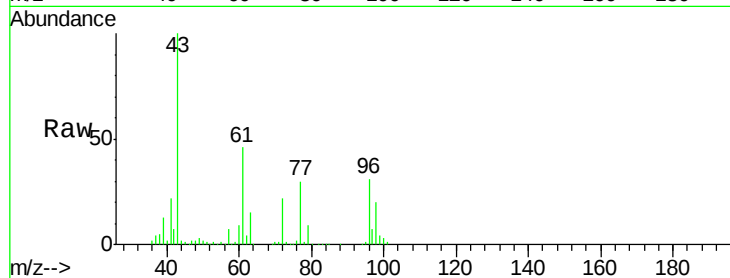
VSTDIC100

Tgt Ion: 43 Resp: 1184731

Ion Ratio Lower Upper

43 100

72 22.0 18.3 27.5



#26

2,2-Dichloropropane

Concen: 100.522 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054940.D

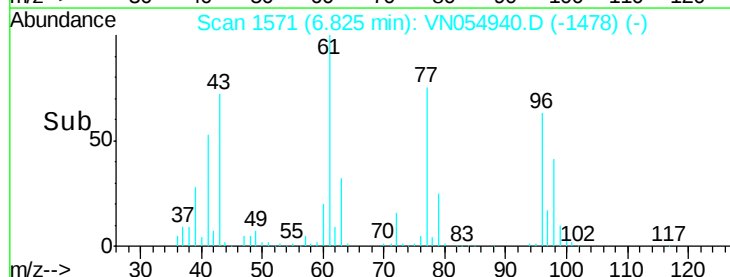
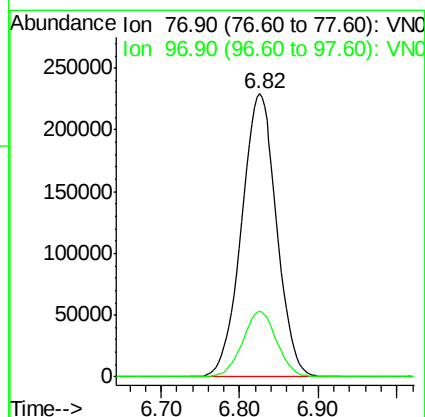
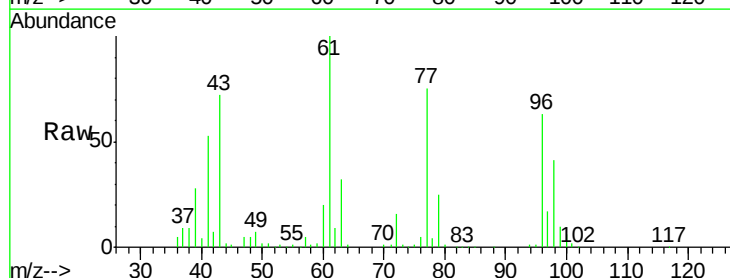
Acq: 4 Apr 2019 11:31

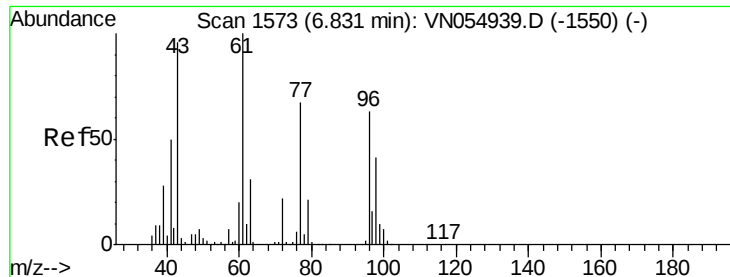
Tgt Ion: 77 Resp: 717411

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 98.776 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

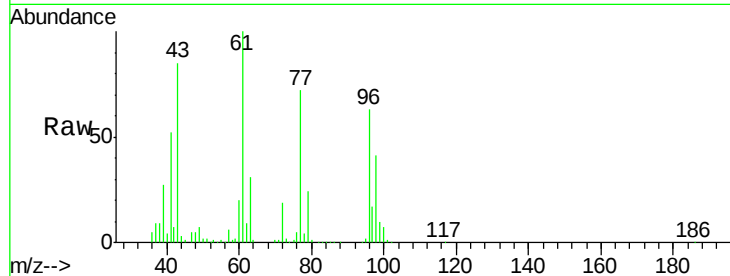
Tgt Ion: 96 Resp: 573148

Ion Ratio Lower Upper

96 100

61 156.9 0.0 316.2

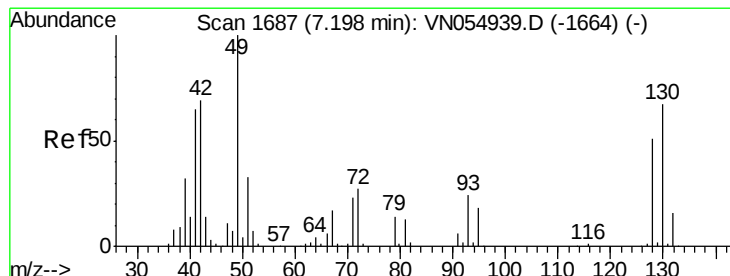
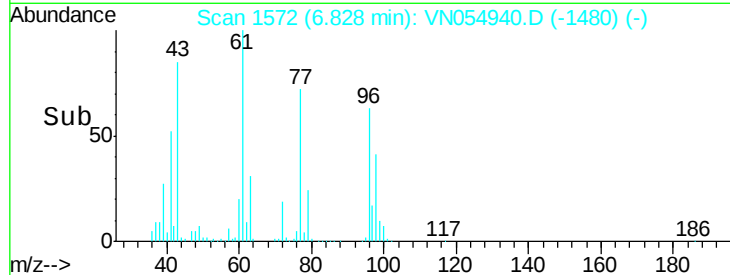
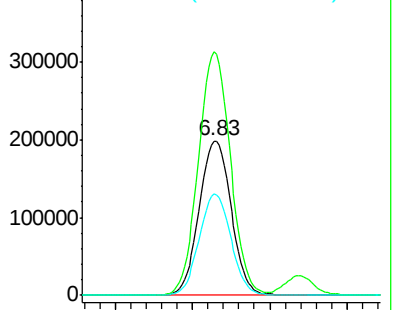
98 65.0 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN054940.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN054940.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN054940.D (-1480) (-)



#28

Bromochloromethane

Concen: 95.366 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

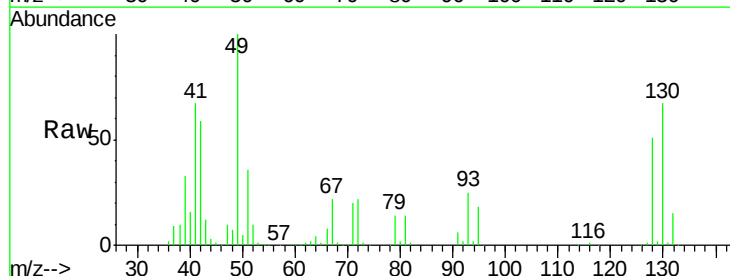
Tgt Ion: 49 Resp: 454836

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

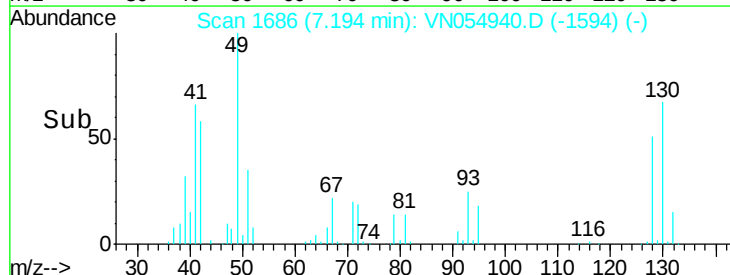
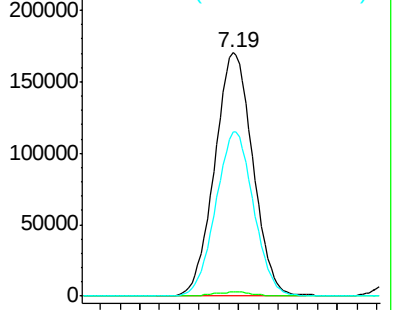
130 67.2 53.1 79.7

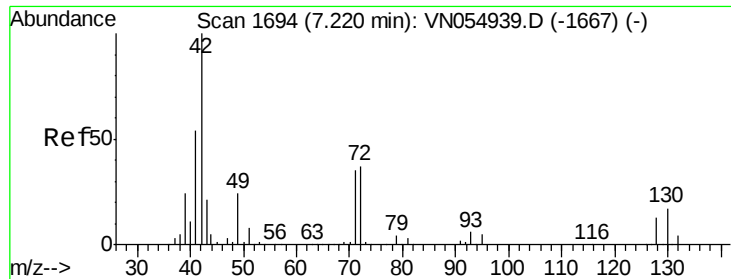


Abundance Ion 48.90 (48.60 to 49.60): VN054940.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN054940.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN054940.D (-1594) (-)

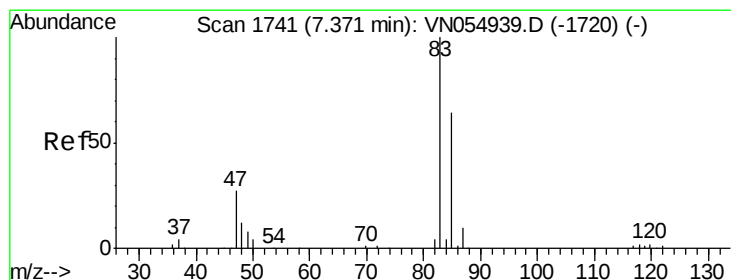
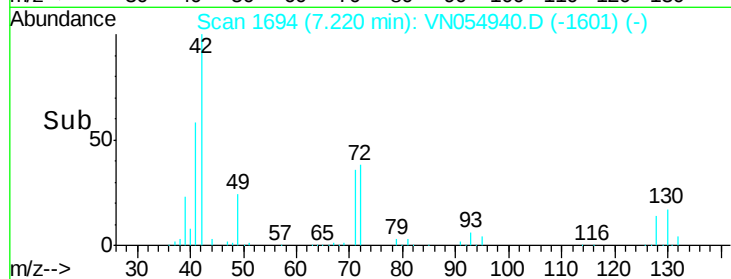
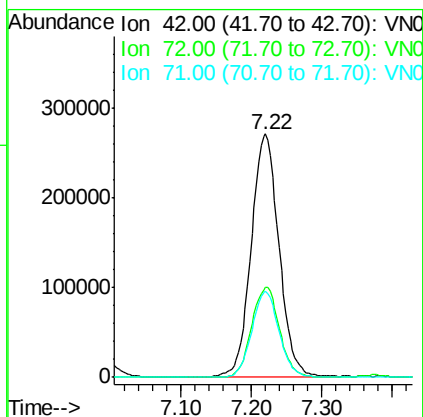
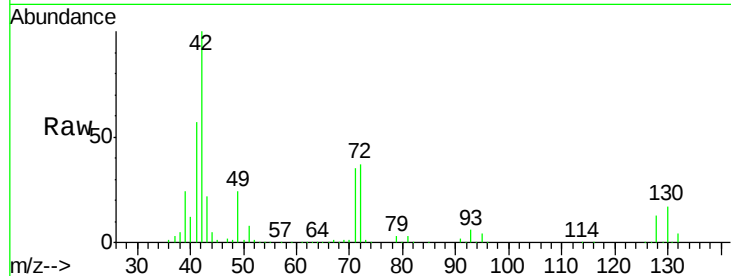




#29
Tetrahydrofuran
Concen: 492.559 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

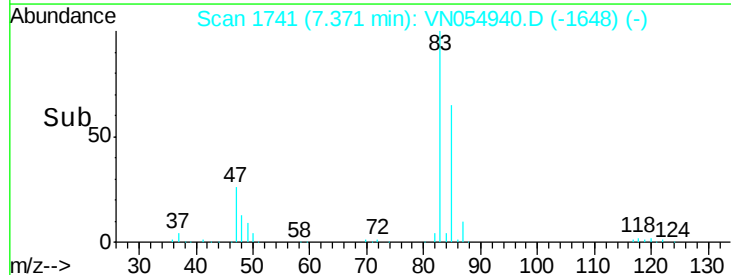
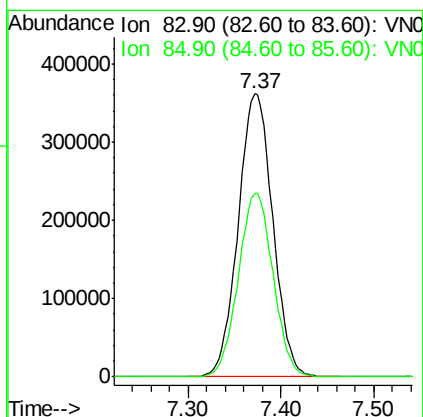
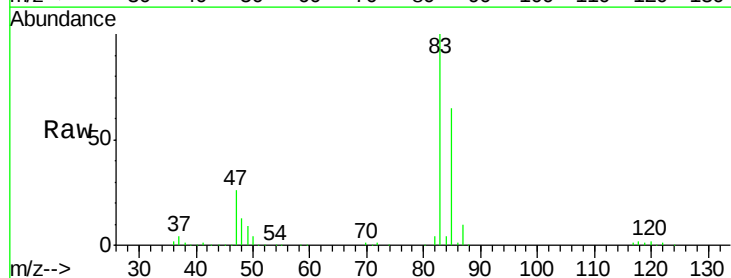
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

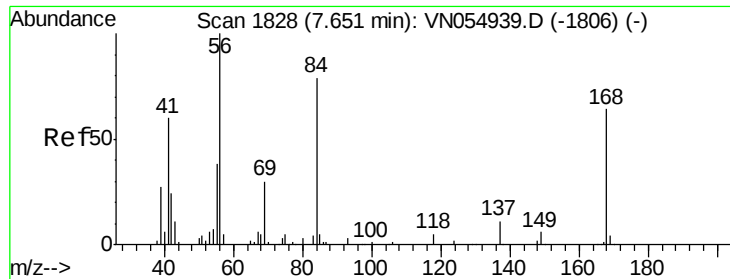
Tgt Ion: 42 Resp: 742660
Ion Ratio Lower Upper
42 100
72 37.3 29.3 43.9
71 34.6 27.8 41.6



#30
Chloroform
Concen: 97.057 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion: 83 Resp: 936439
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.0

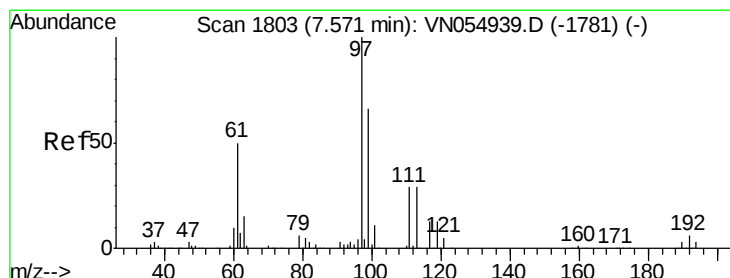
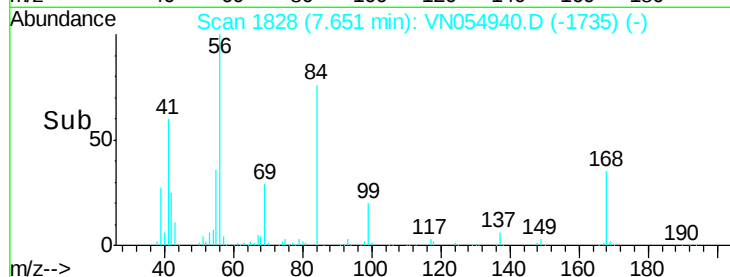
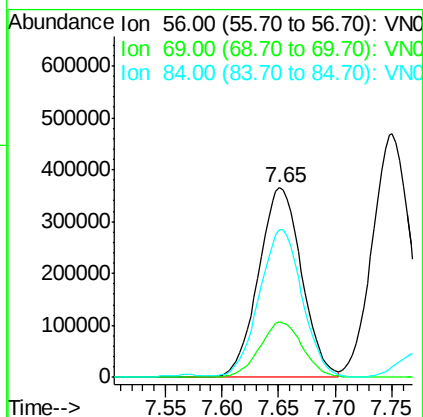
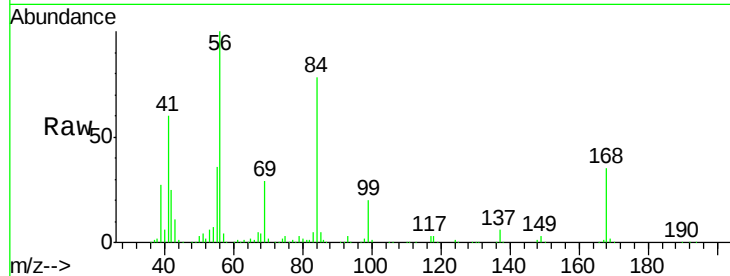




#31
Cyclohexane
Concen: 82.877 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

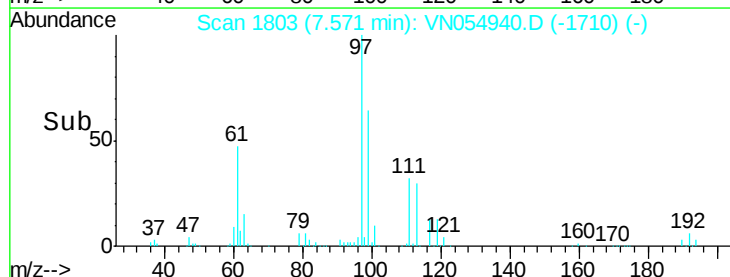
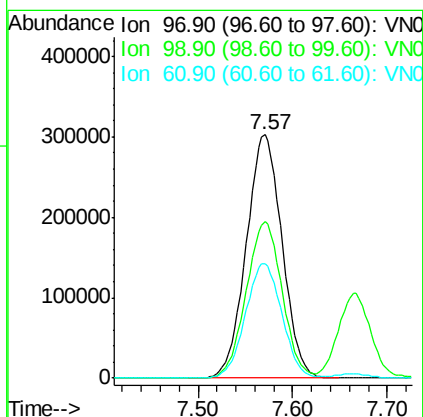
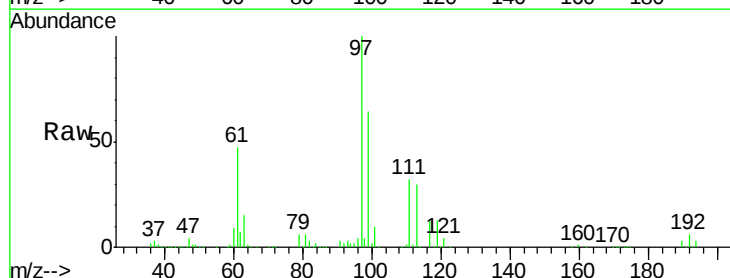
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

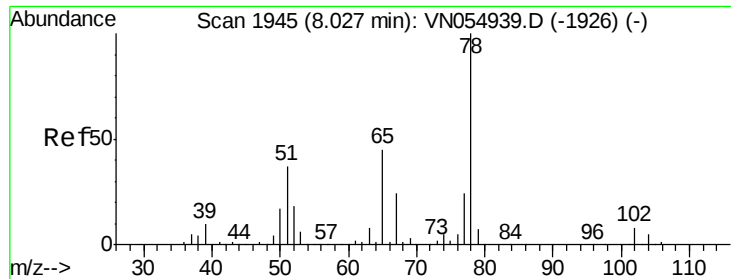
Tgt Ion: 56 Resp: 963429
Ion Ratio Lower Upper
56 100
69 29.2 23.8 35.6
84 76.3 61.8 92.8



#32
1,1,1-Trichloroethane
Concen: 97.685 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion: 97 Resp: 795338
Ion Ratio Lower Upper
97 100
99 64.5 52.1 78.1
61 47.9 39.6 59.4





#33

1,2-Dichloroethane-d4

Concen: 98.936 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

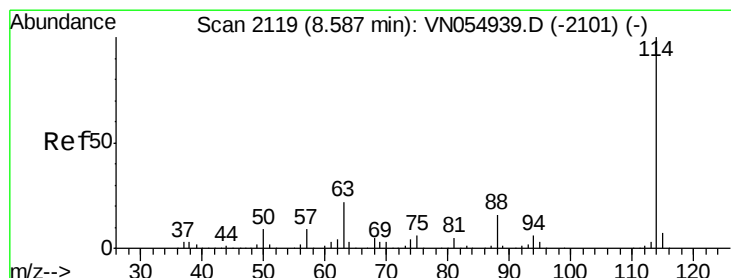
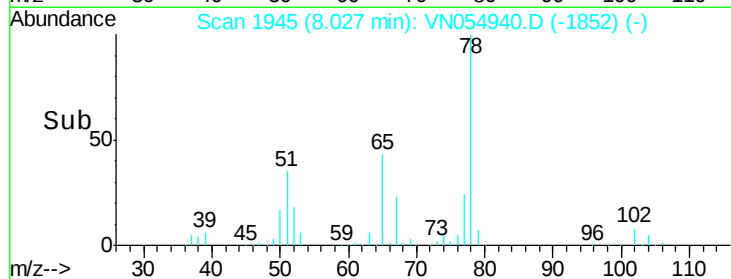
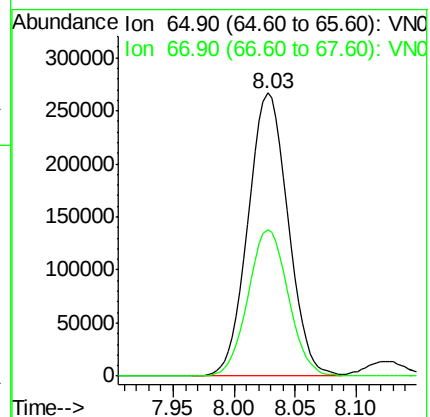
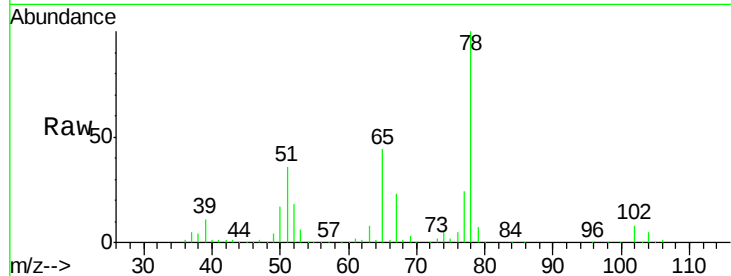
VSTDIC100

Tgt Ion: 65 Resp: 606093

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

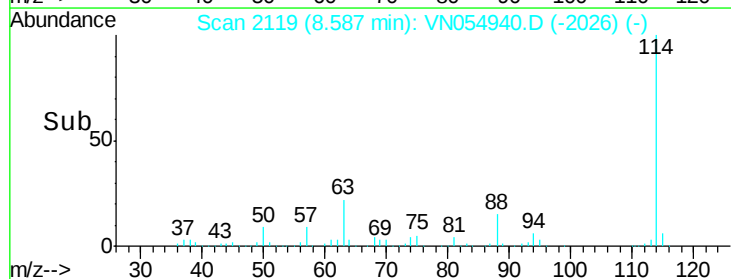
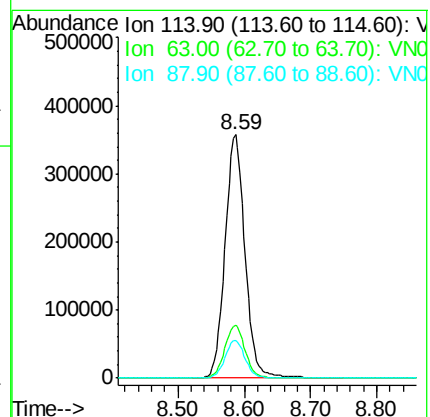
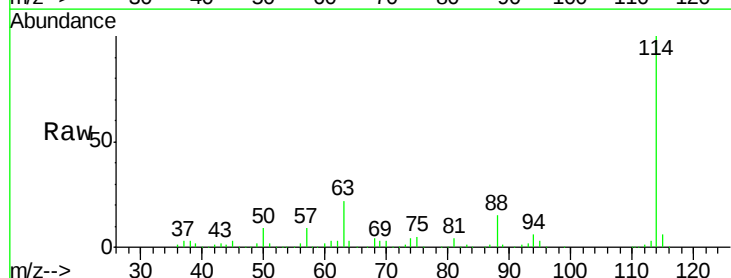
Tgt Ion: 114 Resp: 747081

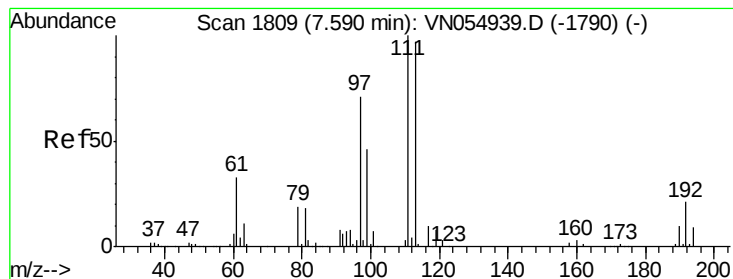
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.6

88 15.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 100.576 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

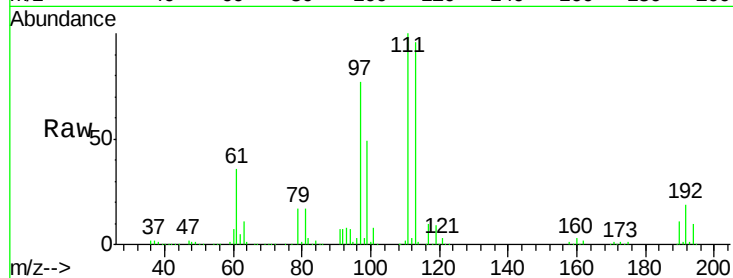
Tgt Ion:113 Resp: 489120

Ion Ratio Lower Upper

113 100

111 104.0 81.0 121.4

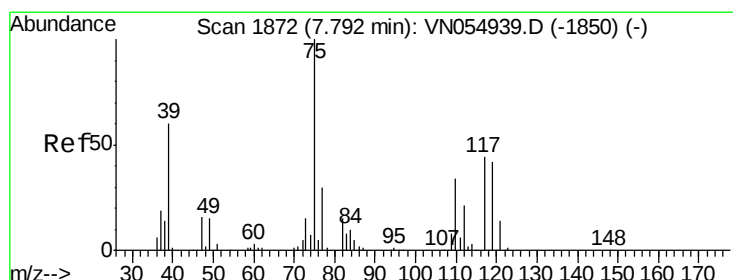
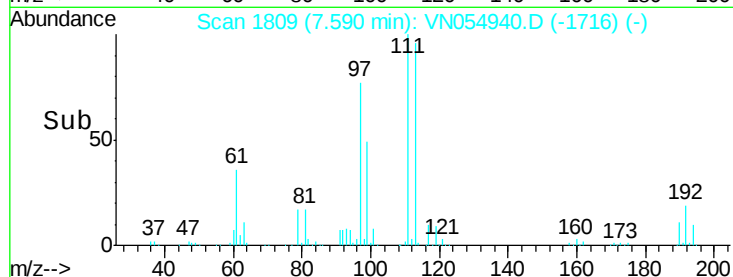
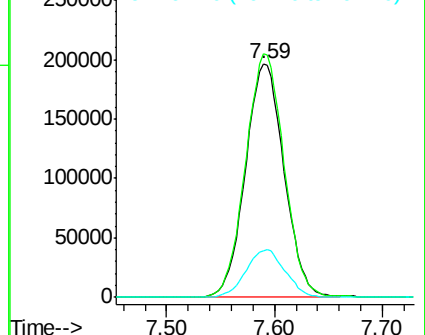
192 20.7 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 100.725 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

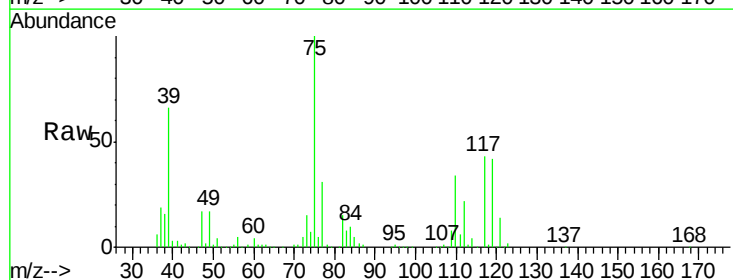
Tgt Ion: 75 Resp: 745602

Ion Ratio Lower Upper

75 100

110 34.1 17.0 50.9

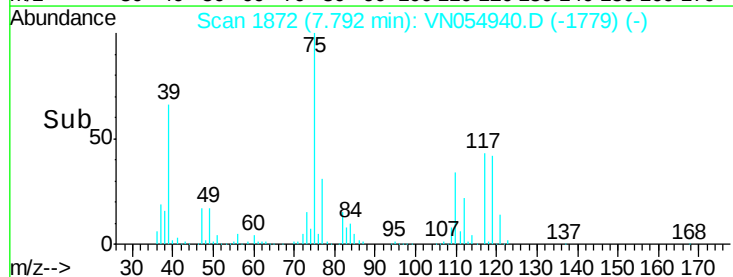
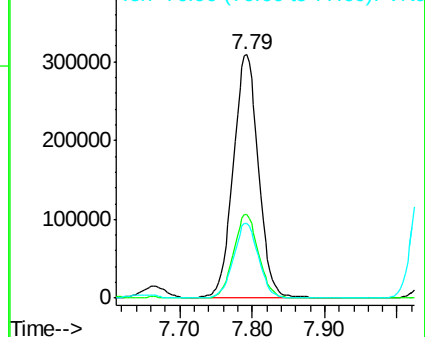
77 30.7 25.3 37.9

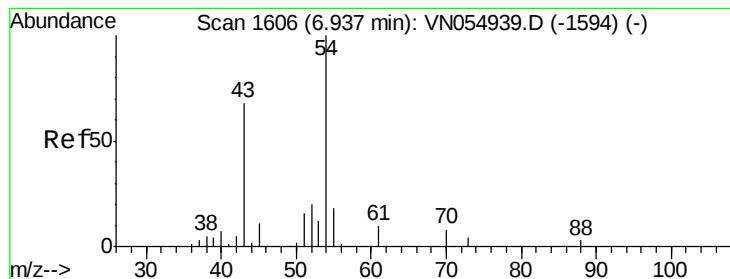


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 101.292 ug/l

RT: 6.94 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

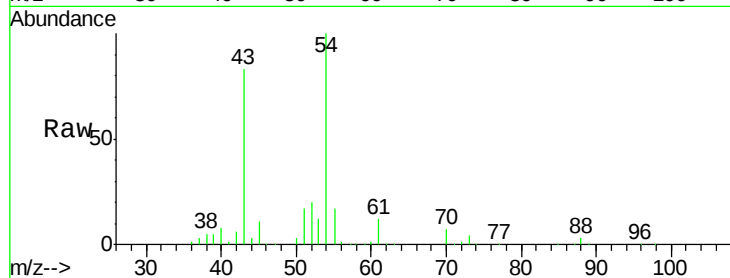
Tgt Ion: 43 Resp: 514556

Ion Ratio Lower Upper

43 100

61 12.5 10.3 15.5

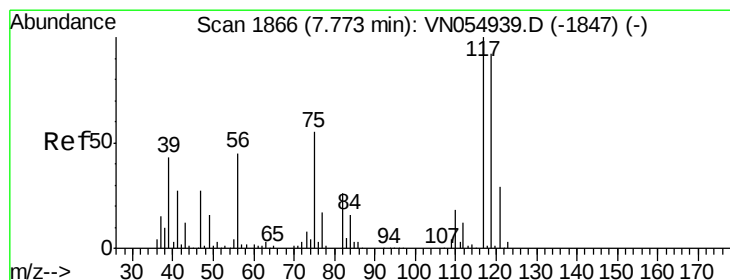
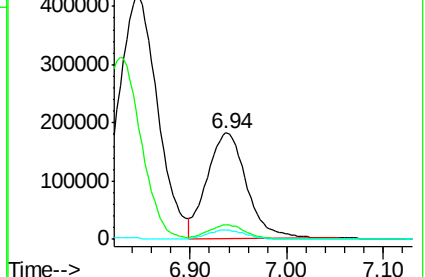
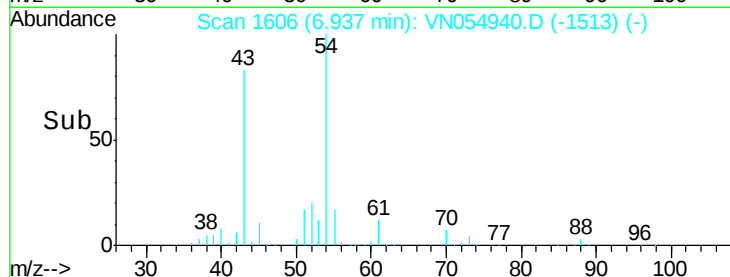
70 8.7 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VN054940.D (-1513) (-)

Ion 60.90 (60.60 to 61.60): VN054940.D (-1513) (-)

Ion 70.00 (69.70 to 70.70): VN054940.D (-1513) (-)



#38

Carbon Tetrachloride

Concen: 97.093 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

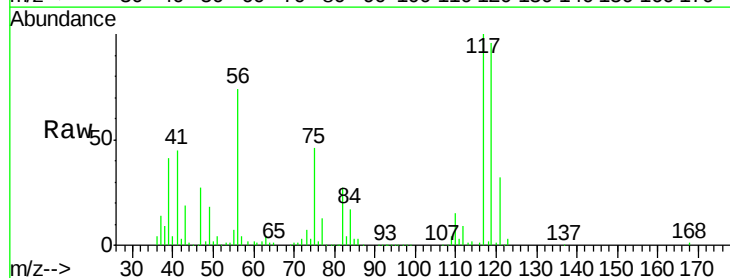
Tgt Ion: 117 Resp: 694090

Ion Ratio Lower Upper

117 100

119 95.6 73.6 110.4

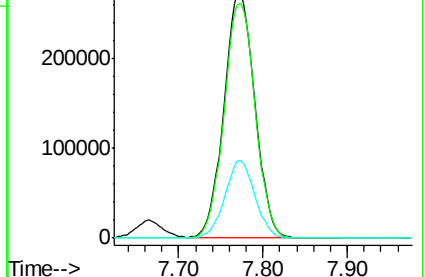
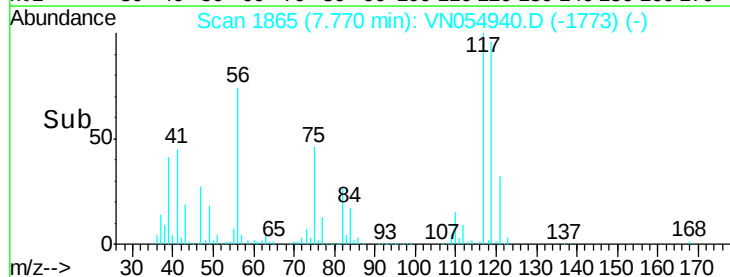
121 31.6 23.4 35.0

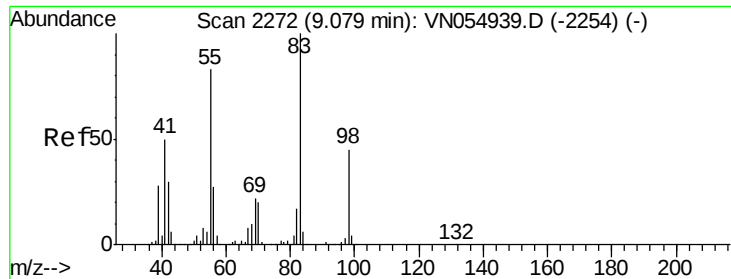


Abundance Ion 116.80 (116.50 to 117.50): VN054940.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN054940.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN054940.D (-1773) (-)

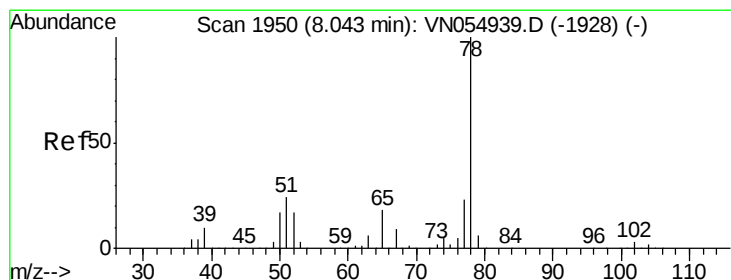
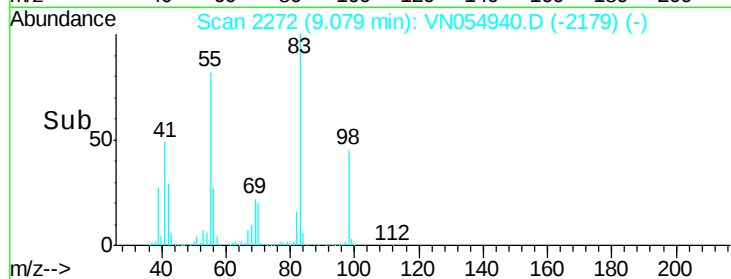
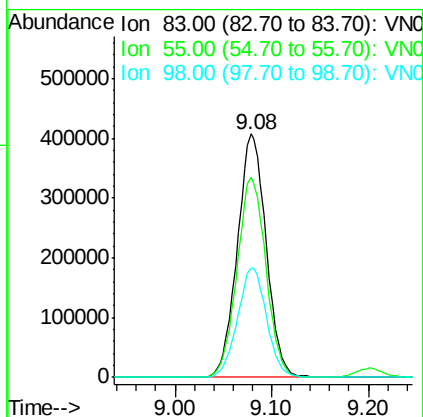
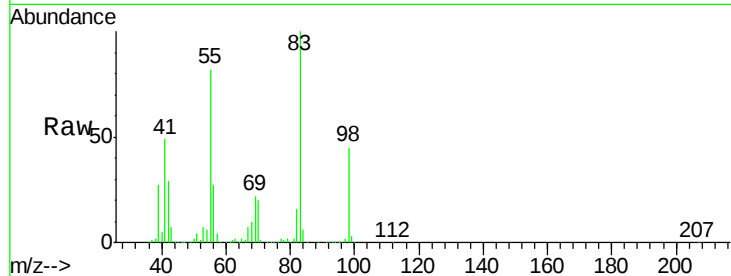




#39
Methylcyclohexane
Concen: 103.407 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

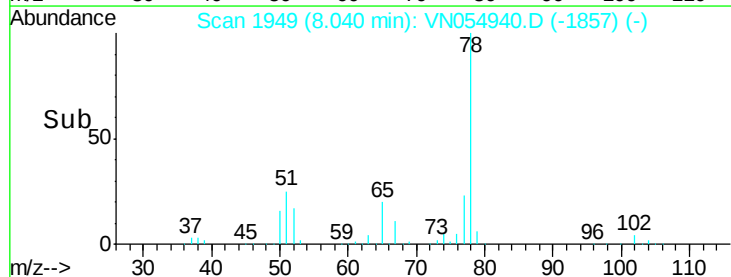
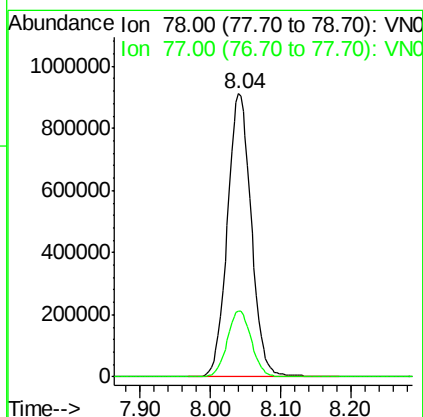
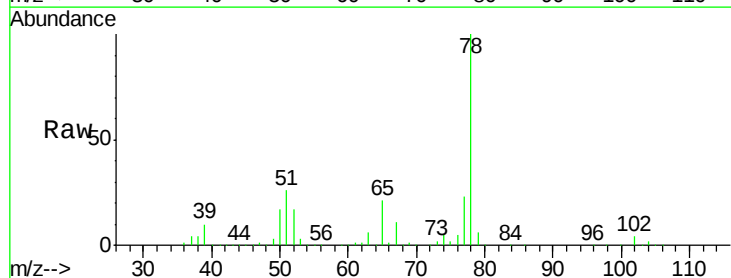
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

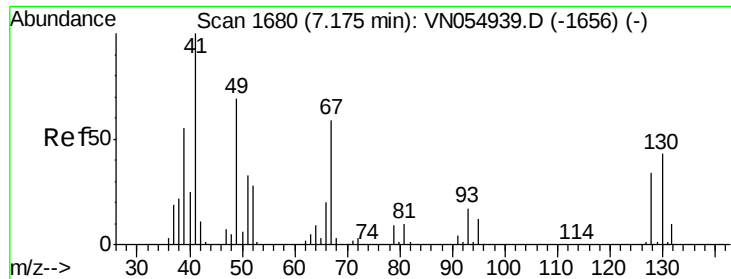
Tgt Ion: 83 Resp: 842107
Ion Ratio Lower Upper
83 100
55 82.1 66.4 99.6
98 45.1 36.4 54.6



#40
Benzene
Concen: 101.255 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion: 78 Resp: 2156743
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8

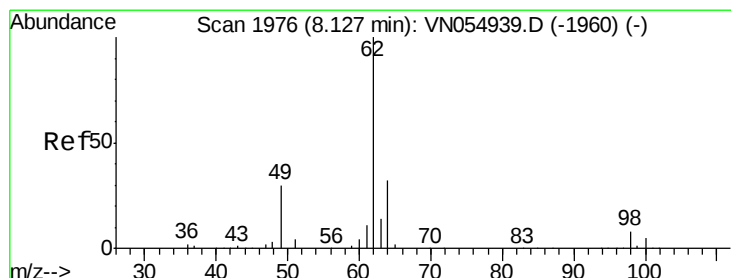
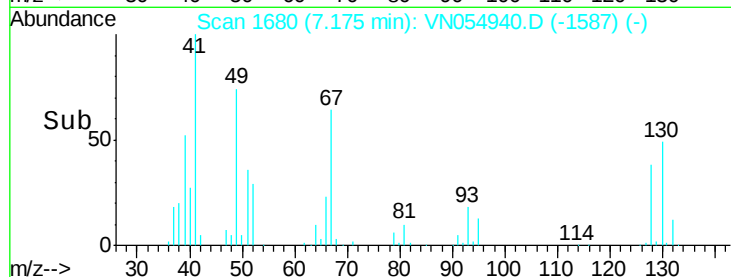
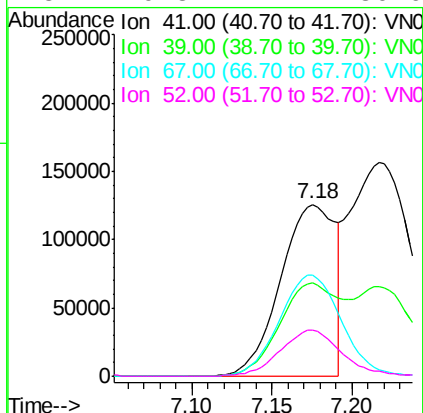
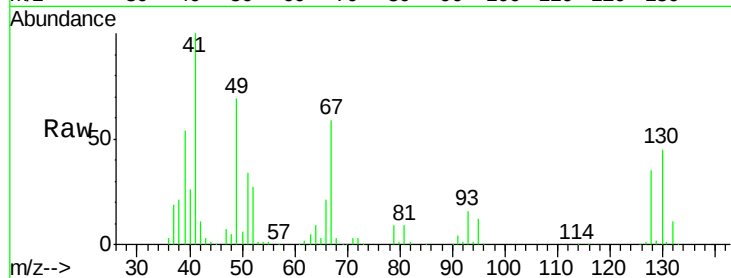




#41
Methacrylonitrile
Concen: 102.729 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

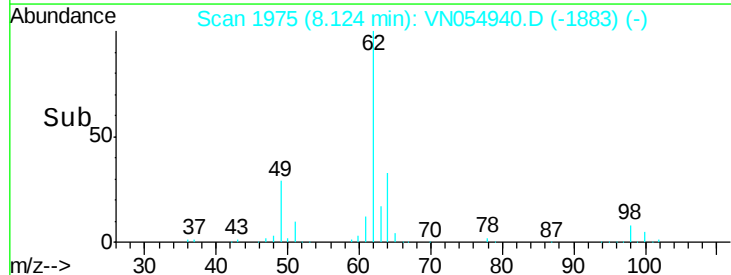
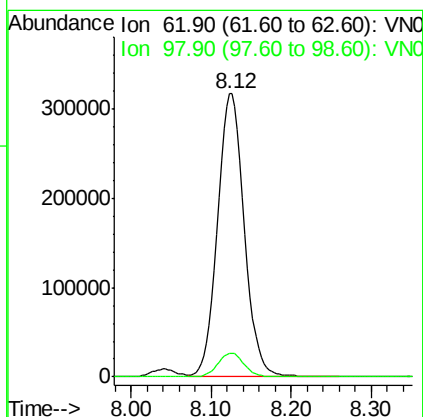
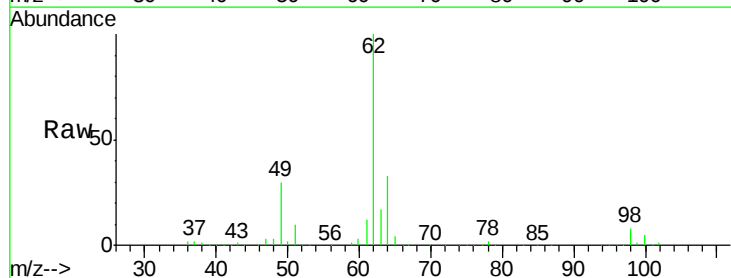
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

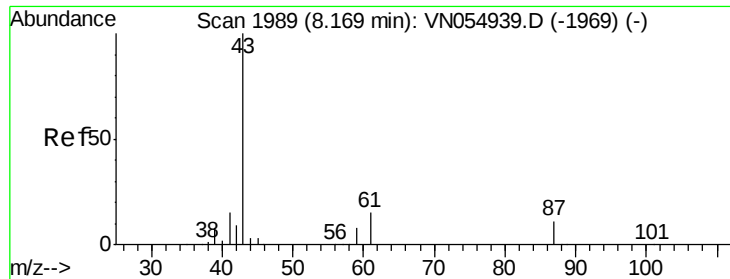
Tgt Ion:	41	Resp:	298393
Ion	Ratio	Lower	Upper
41	100		
39	61.5	43.0	64.6
67	67.2	55.0	82.6
52	29.8	24.4	36.6



#42
1,2-Dichloroethane
Concen: 97.802 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion:	62	Resp:	732032
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.0





#43

Isopropyl Acetate

Concen: 104.756 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

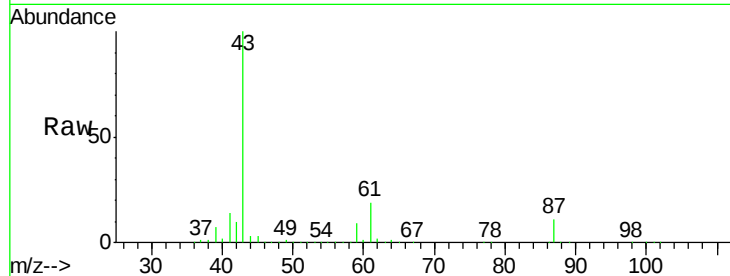
Tgt Ion: 43 Resp: 896862

Ion Ratio Lower Upper

43 100

61 18.2 14.4 21.6

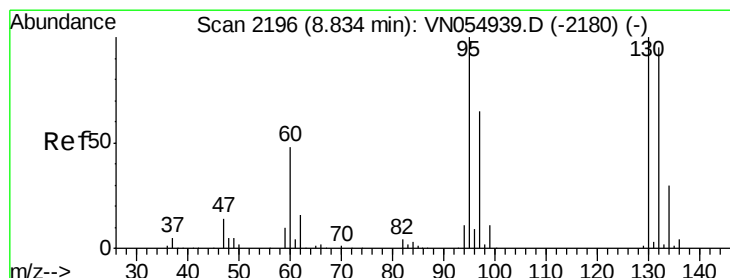
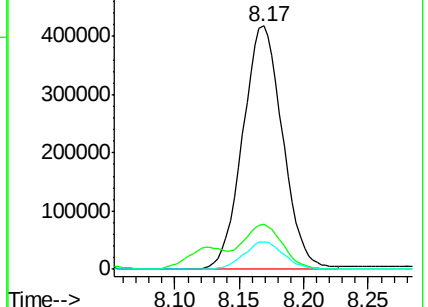
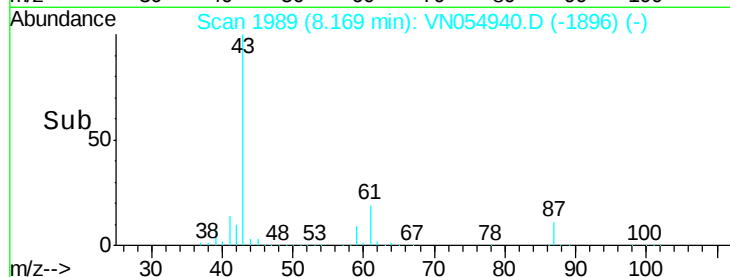
87 11.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VN054940.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054940.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054940.D (-1896) (-)



#44

Trichloroethene

Concen: 101.608 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054940.D

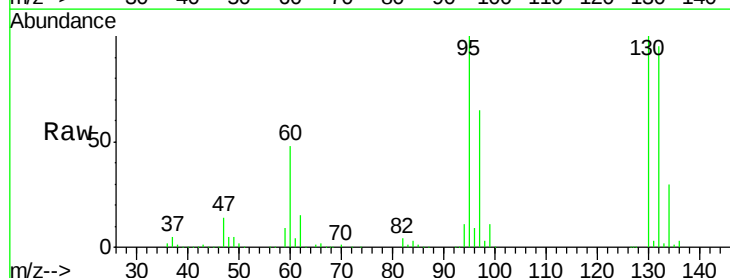
Acq: 4 Apr 2019 11:31

Tgt Ion: 130 Resp: 553381

Ion Ratio Lower Upper

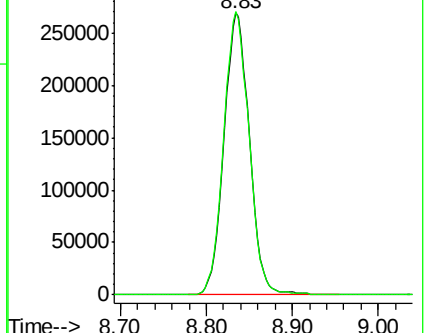
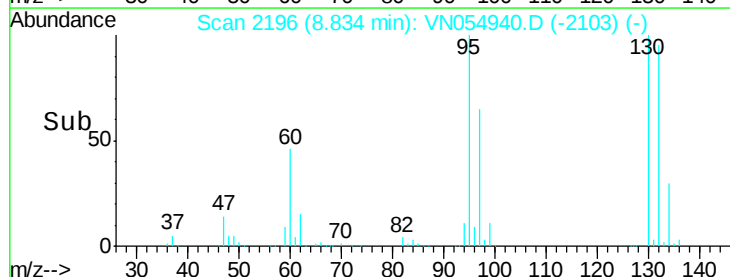
130 100

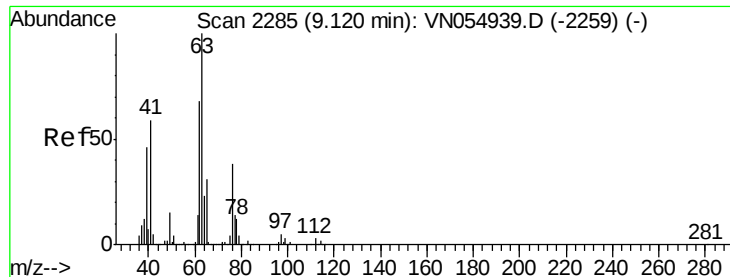
95 100.4 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): VN054940.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054940.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 100.205 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

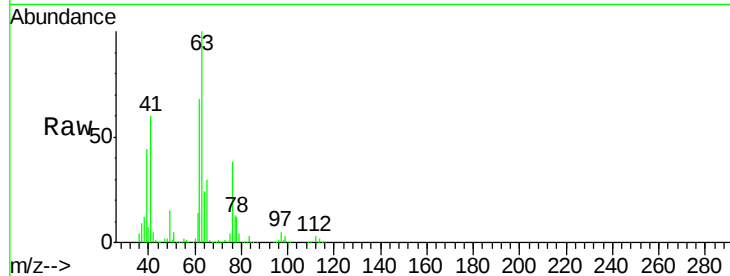
VSTDIC100

Tgt Ion: 63 Resp: 594698

Ion Ratio Lower Upper

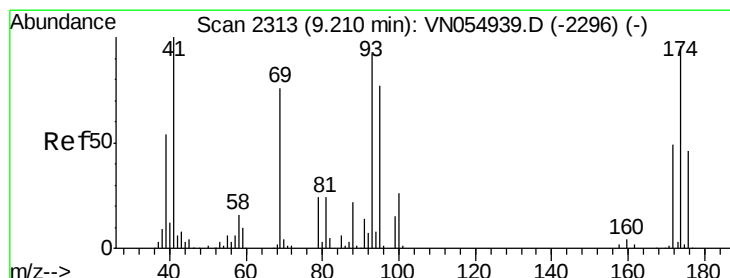
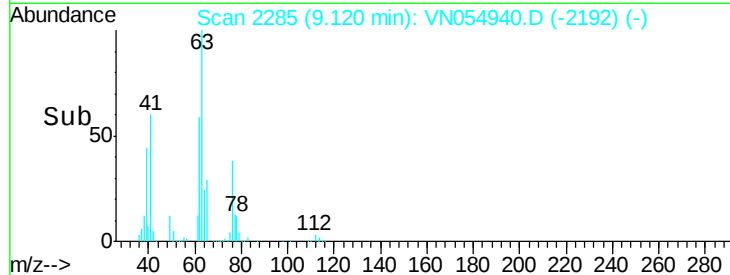
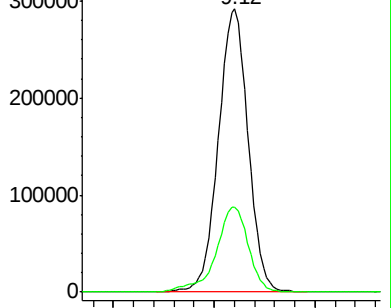
63 100

65 29.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN054940.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN054940.D (-2192) (-)



#46

Dibromomethane

Concen: 99.155 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

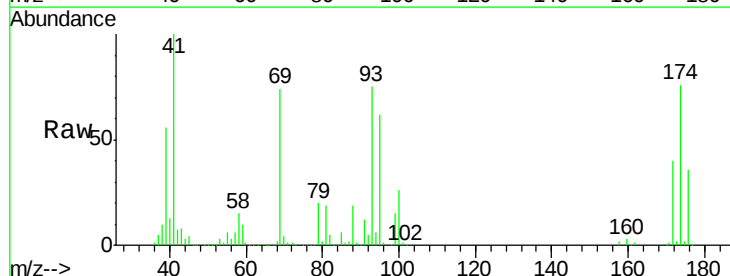
Tgt Ion: 93 Resp: 333703

Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

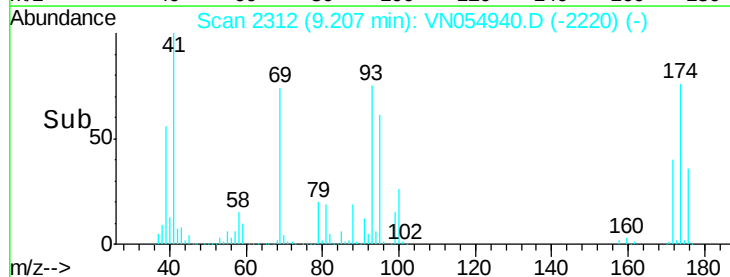
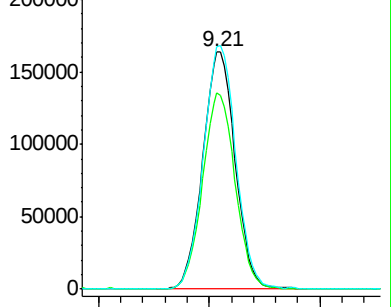
174 102.9 82.0 123.0

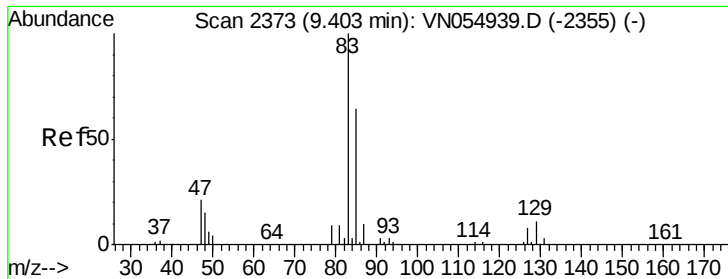


Abundance Ion 92.80 (92.50 to 93.50): VN054940.D (-2220) (-)

Ion 94.80 (94.50 to 95.50): VN054940.D (-2220) (-)

Ion 173.70 (173.40 to 174.40): VN054940.D (-2220) (-)

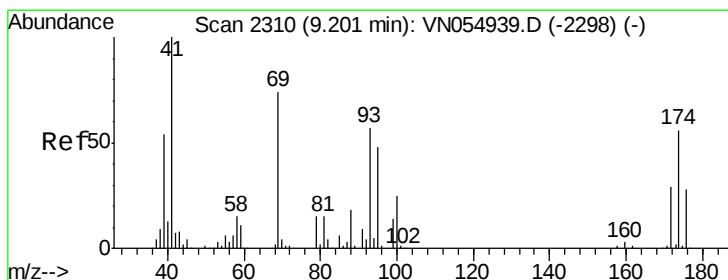
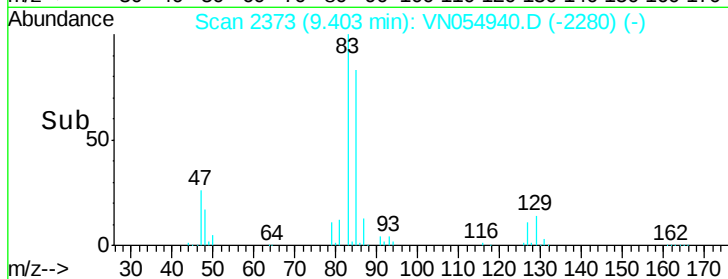
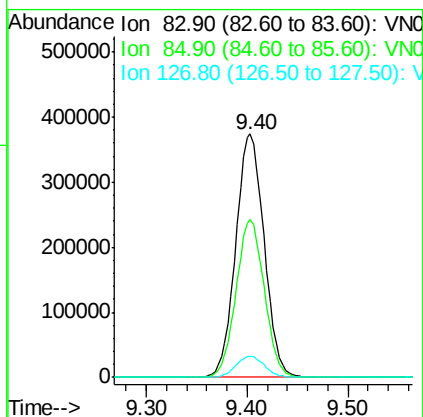
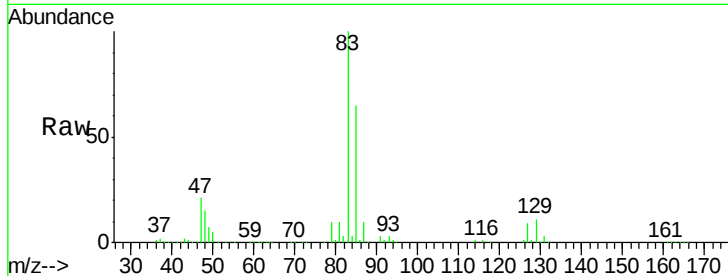




#47
Bromodichloromethane
Concen: 103.192 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

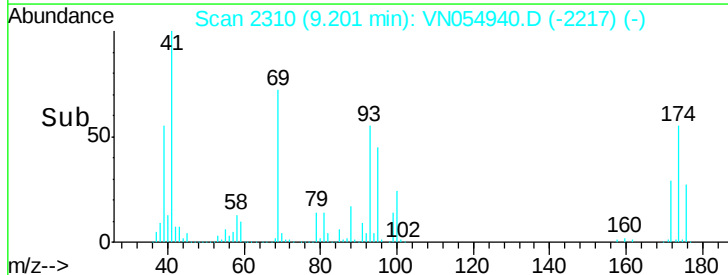
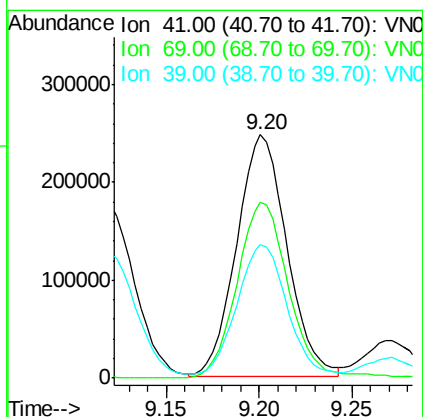
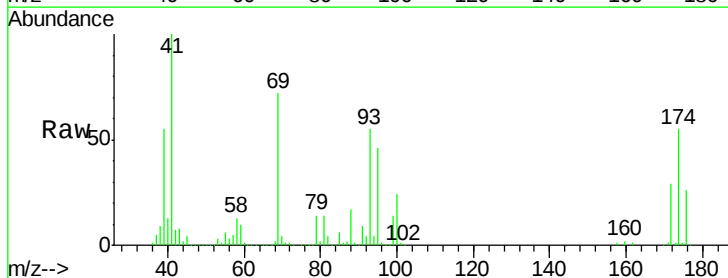
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

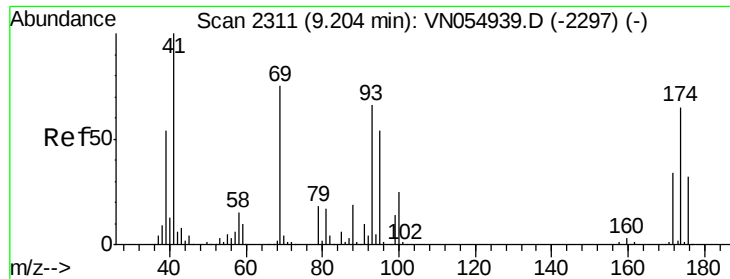
Tgt Ion: 83 Resp: 729442
Ion Ratio Lower Upper
83 100
85 65.0 51.1 76.7
127 8.6 6.7 10.1



#48
Methyl methacrylate
Concen: 108.003 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion: 41 Resp: 468089
Ion Ratio Lower Upper
41 100
69 75.1 58.9 88.3
39 55.2 44.2 66.4

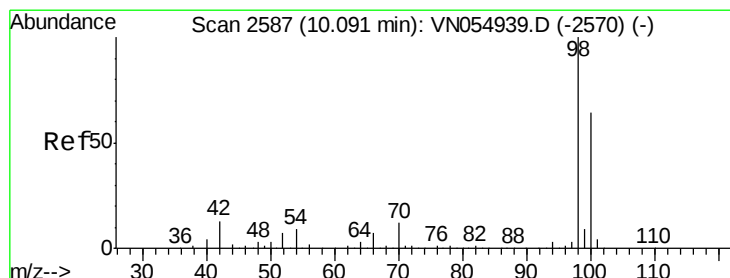
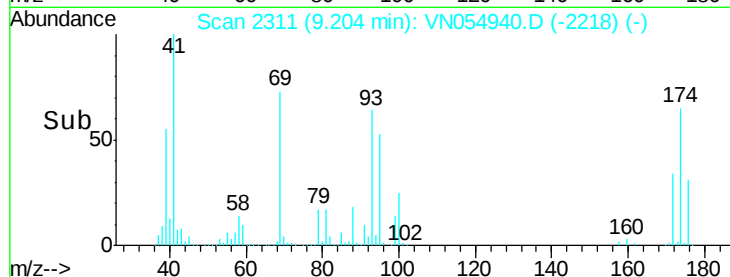
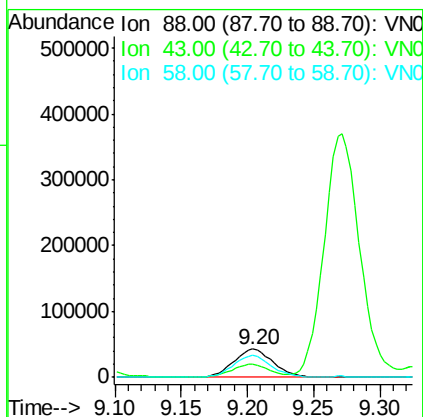
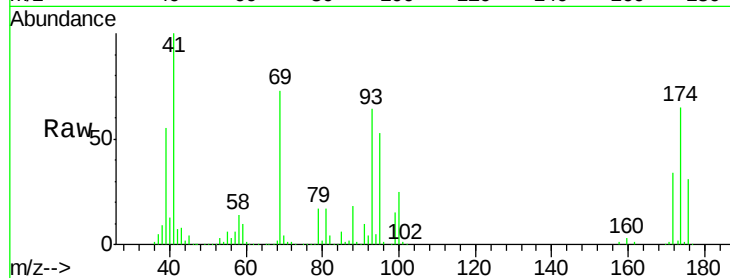




#49
1,4-Dioxane
Concen: 2018.560 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

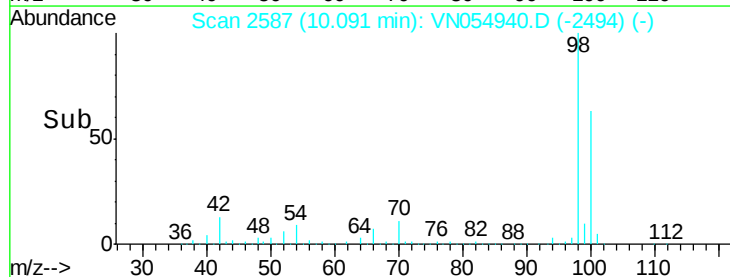
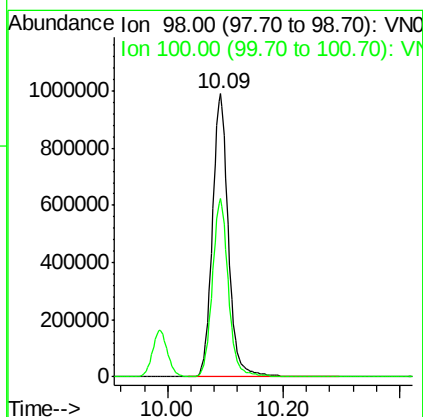
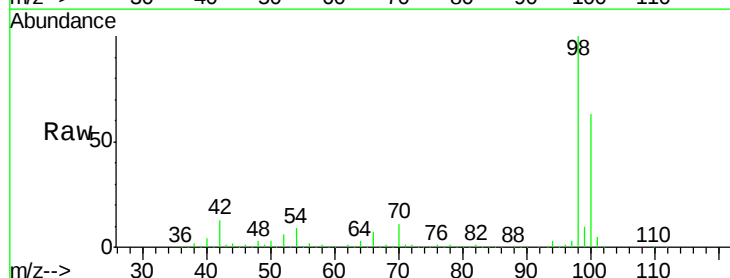
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

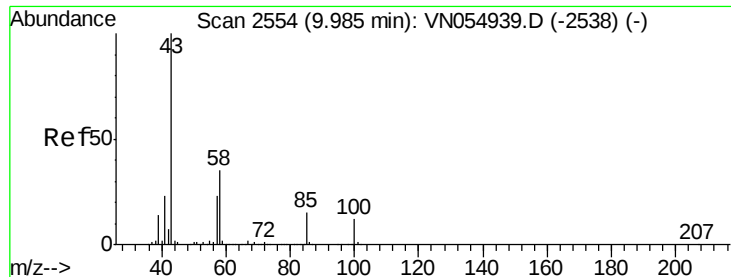
Tgt Ion: 88 Resp: 88302
Ion Ratio Lower Upper
88 100
43 42.7 31.5 47.3
58 75.8 61.9 92.9



#50
Toluene-d8
Concen: 102.920 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion: 98 Resp: 1899164
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3

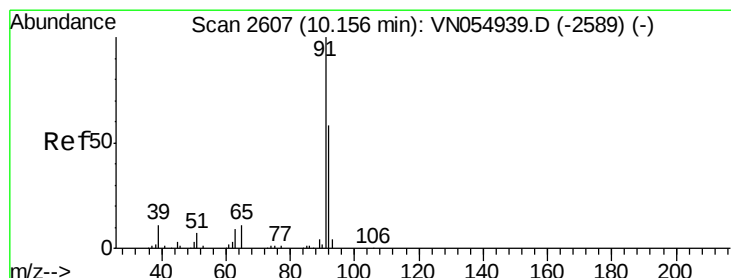
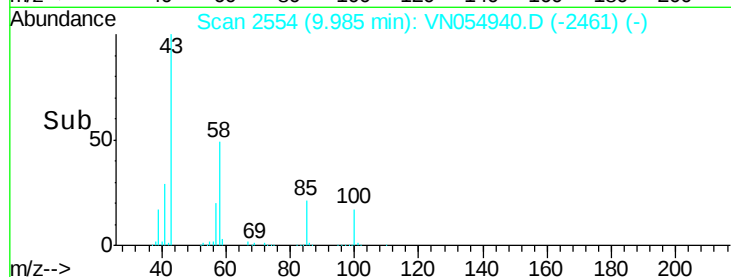
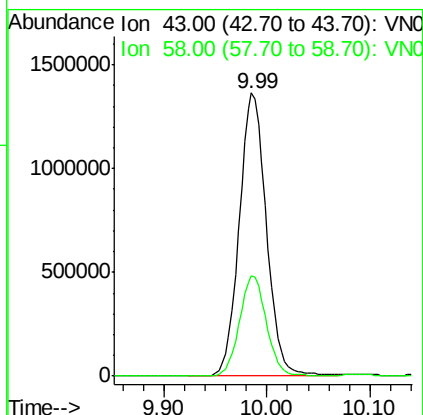
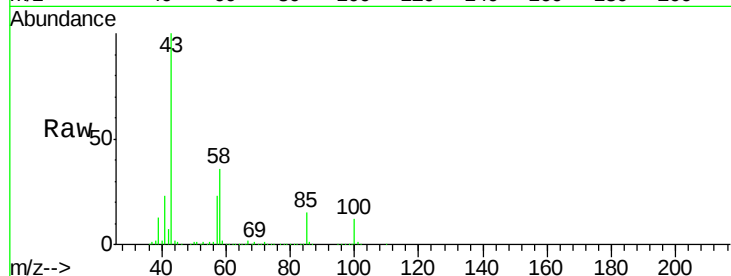




#51
 4-Methyl-2-Pentanone
 Concen: 522.098 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

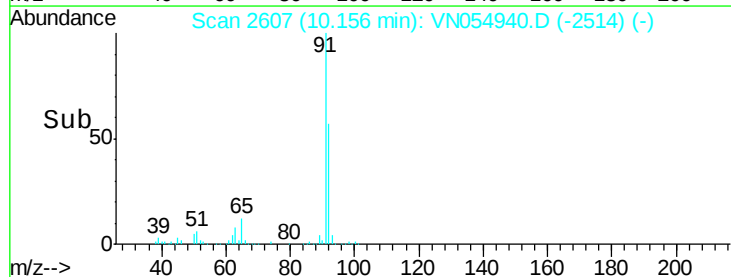
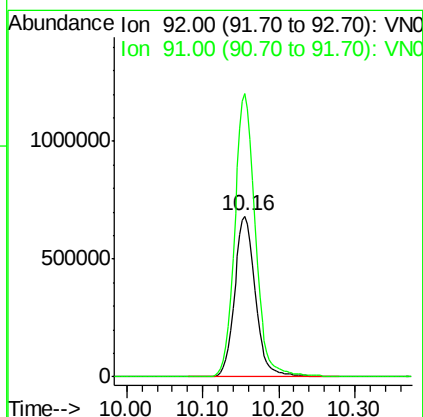
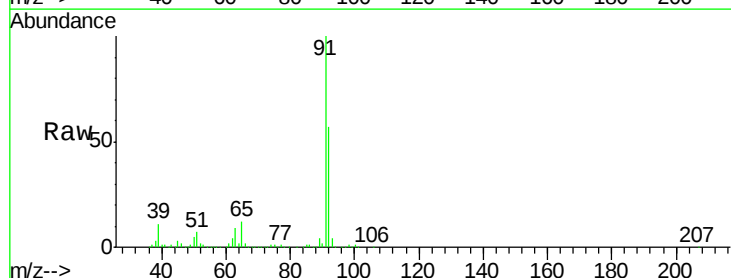
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

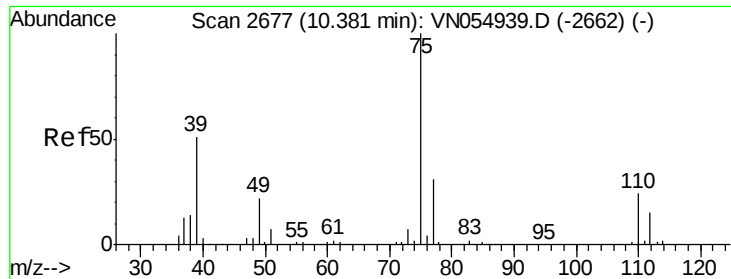
Tgt Ion: 43 Resp: 2493599
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.3 42.5



#52
 Toluene
 Concen: 103.092 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion: 92 Resp: 1294335
 Ion Ratio Lower Upper
 92 100
 91 175.4 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 113.985 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

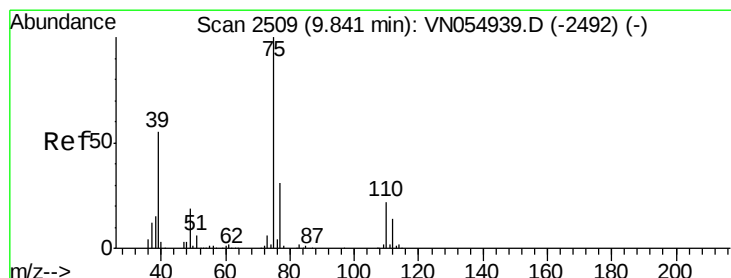
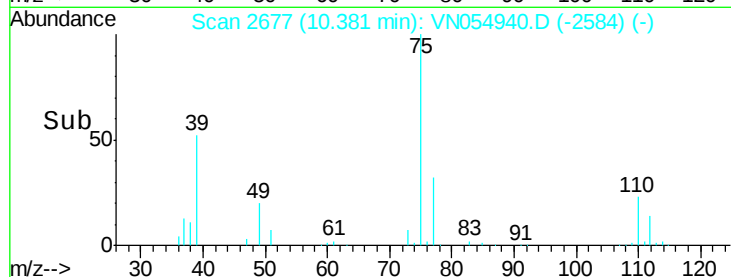
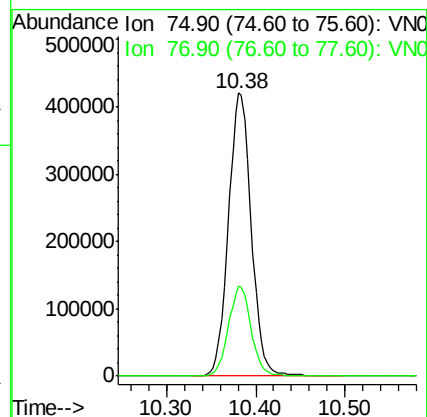
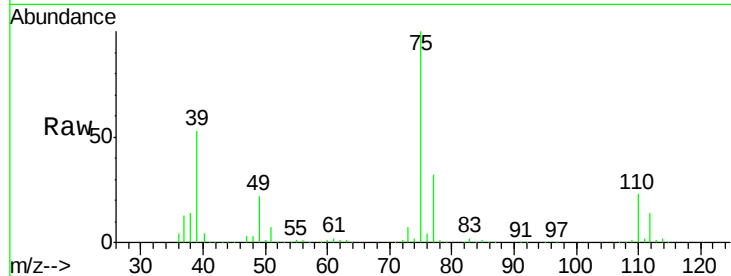
VSTDIC100

Tgt Ion: 75 Resp: 743631

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 109.852 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

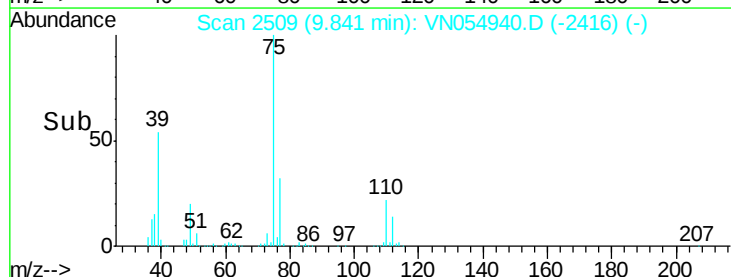
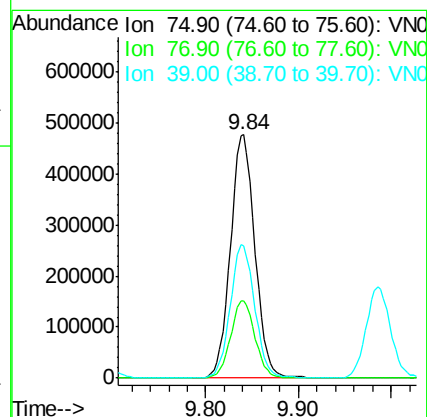
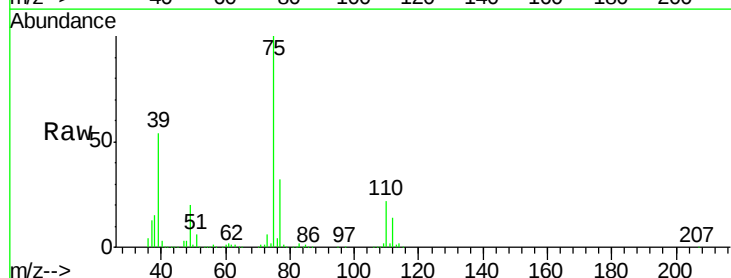
Tgt Ion: 75 Resp: 873971

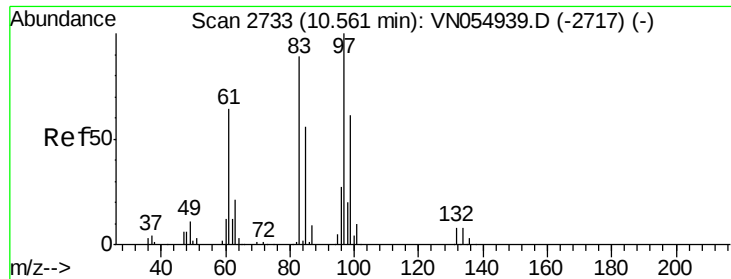
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 54.4 43.9 65.9





#55

1,1,2-Trichloroethane

Concen: 100.457 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 457286

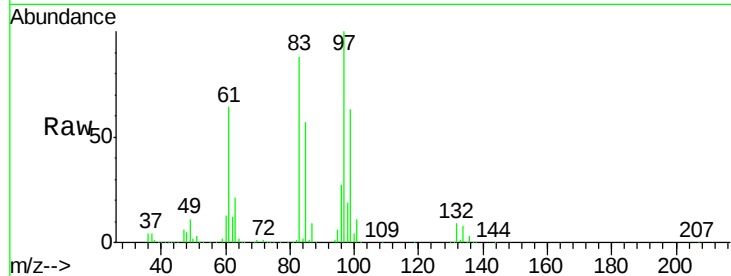
Ion Ratio Lower Upper

97 100

83 88.0 71.5 107.3

85 56.7 45.0 67.6

99 62.4 49.1 73.7

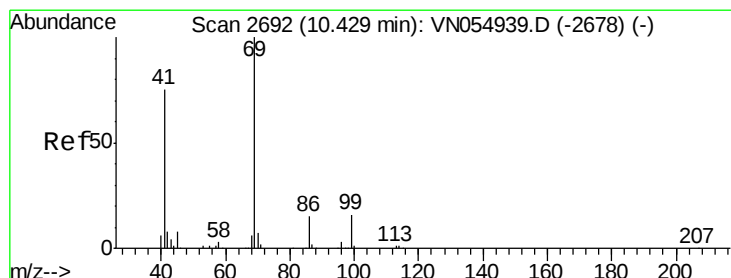
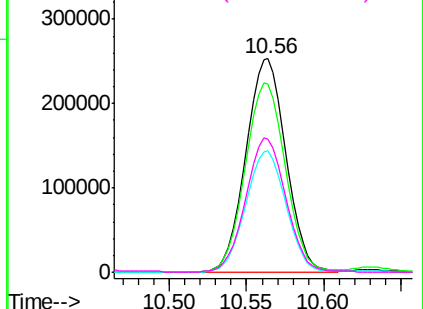
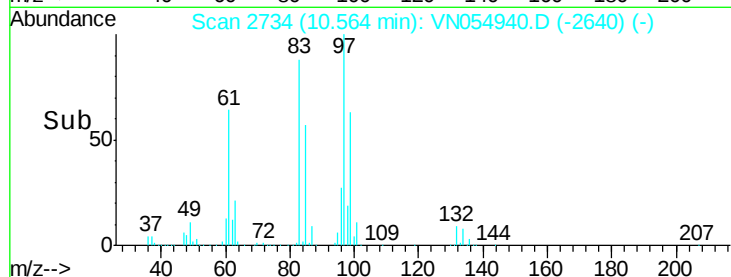


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 109.045 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

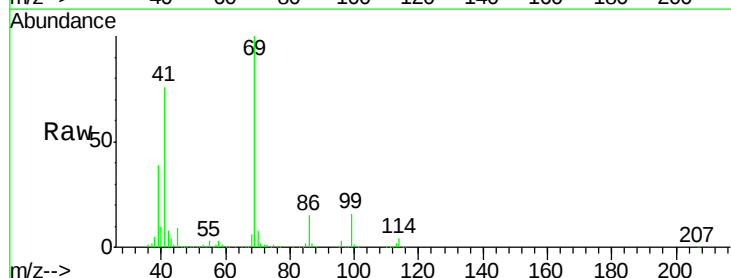
Tgt Ion: 69 Resp: 648996

Ion Ratio Lower Upper

69 100

41 77.5 60.2 90.2

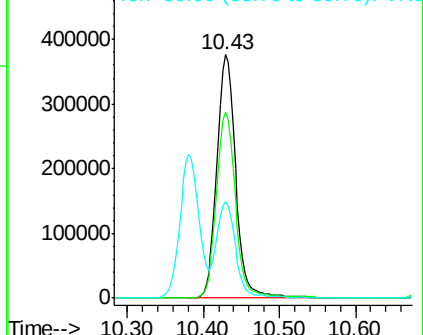
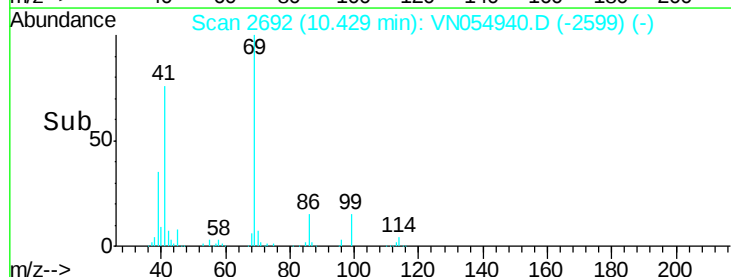
39 39.8 31.3 46.9

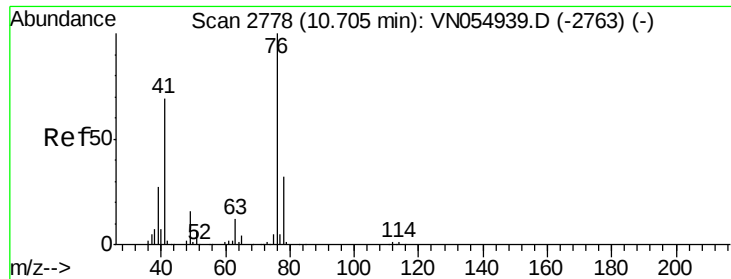


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

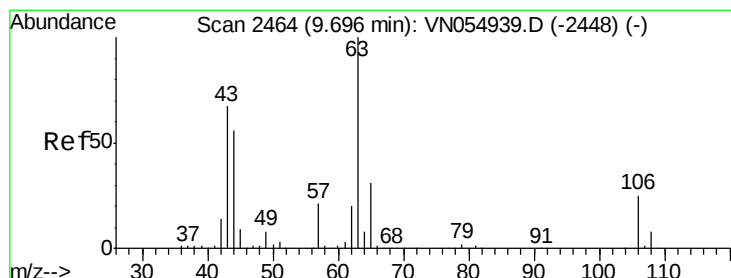
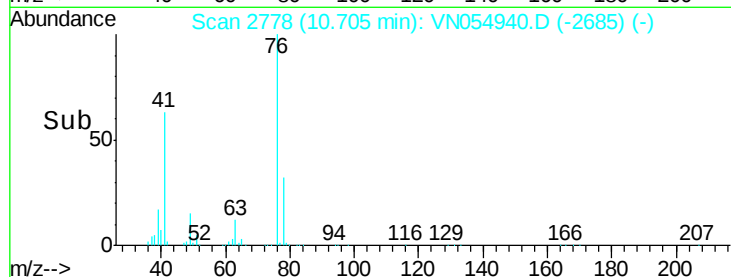
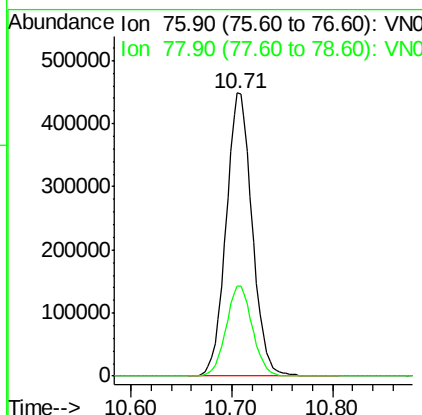
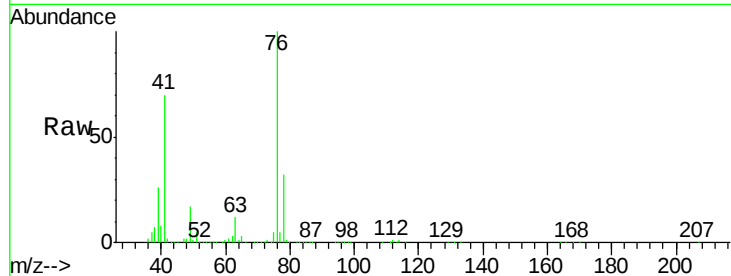




#57
 1,3-Dichloropropane
 Concen: 101.723 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

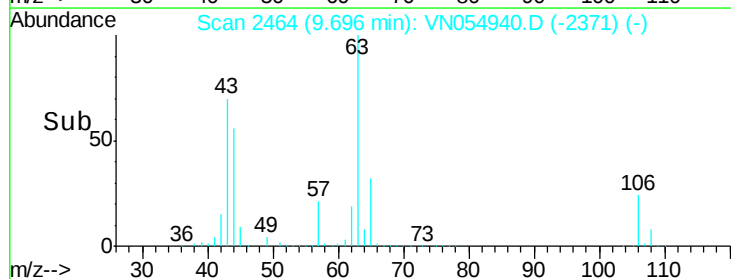
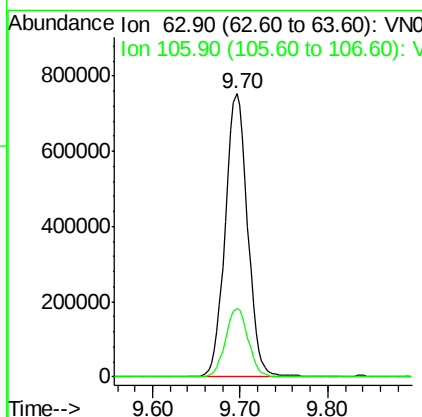
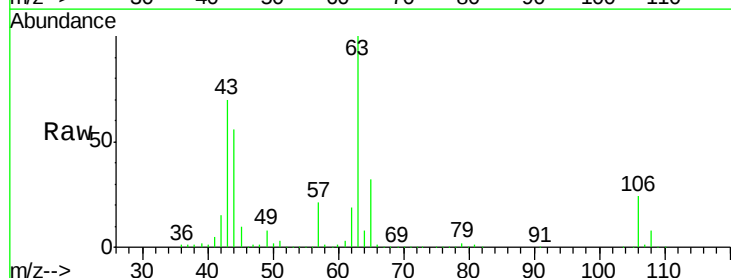
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

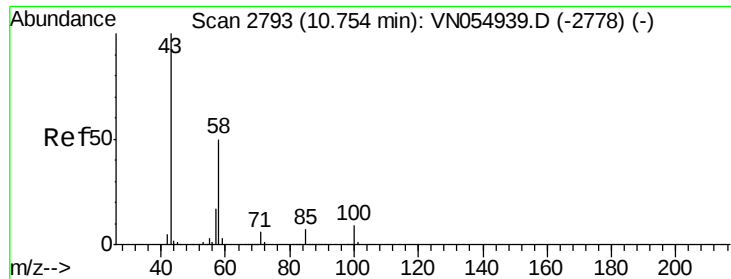
Tgt Ion: 76 Resp: 808685
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 571.226 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion: 63 Resp: 1343335
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.7 29.5

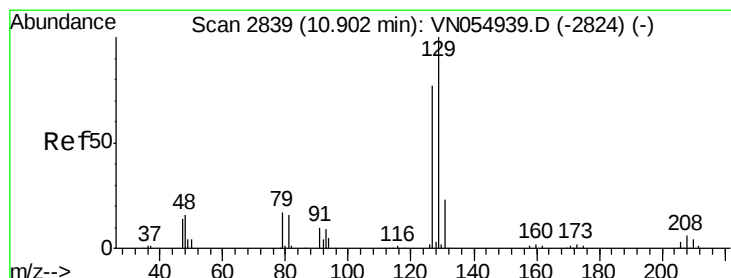
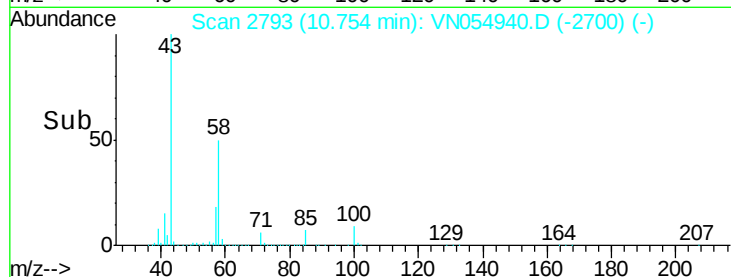
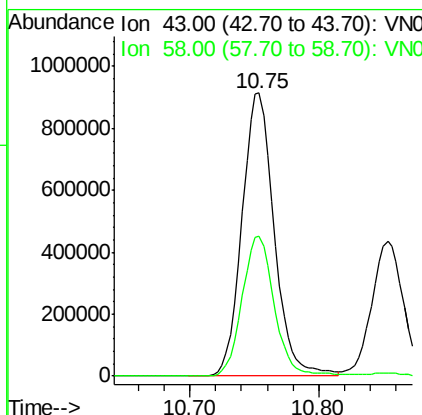
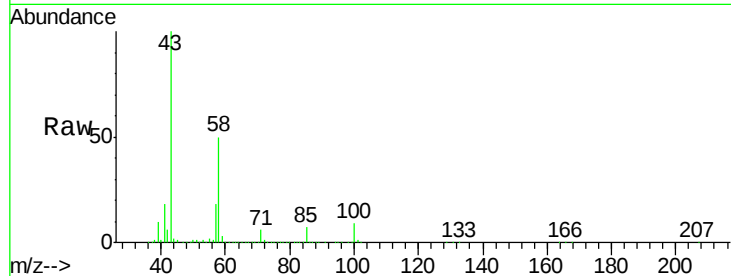




#59
2-Hexanone
Concen: 532.634 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

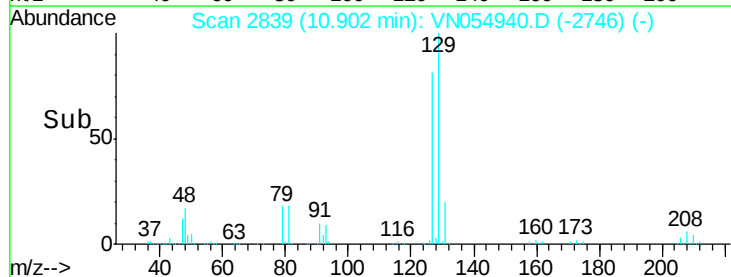
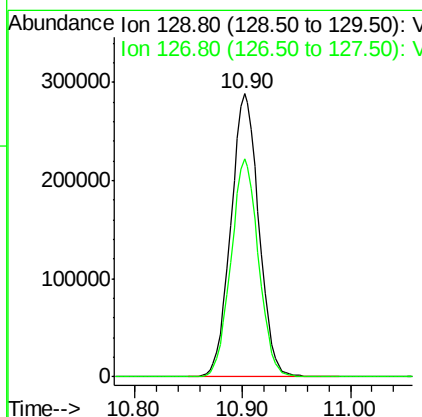
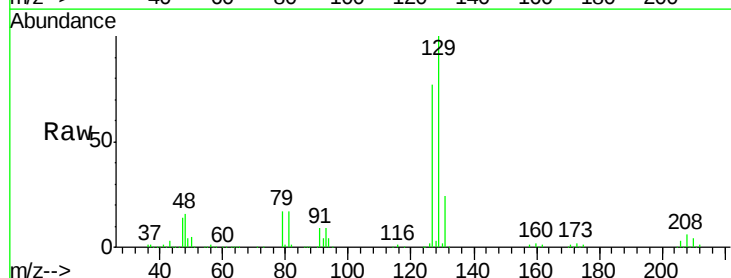
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

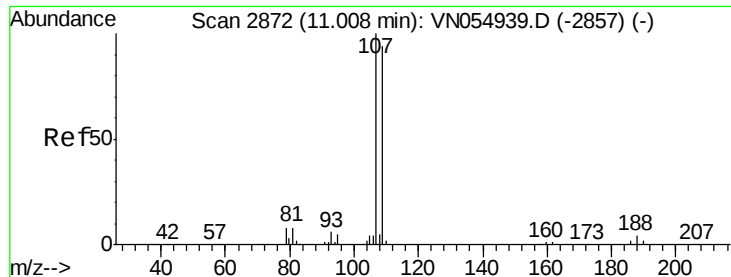
Tgt Ion: 43 Resp: 1588969
Ion Ratio Lower Upper
43 100
58 49.9 24.6 73.8



#60
Dibromochloromethane
Concen: 109.358 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion: 129 Resp: 521423
Ion Ratio Lower Upper
129 100
127 75.8 38.4 115.2

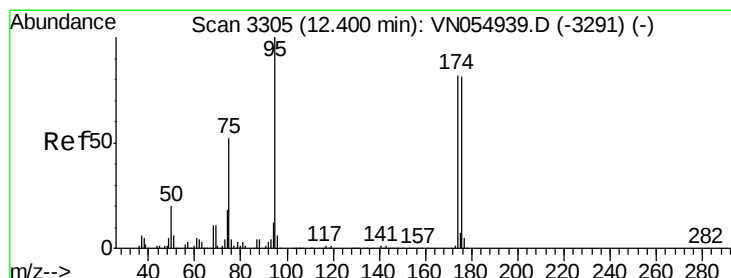
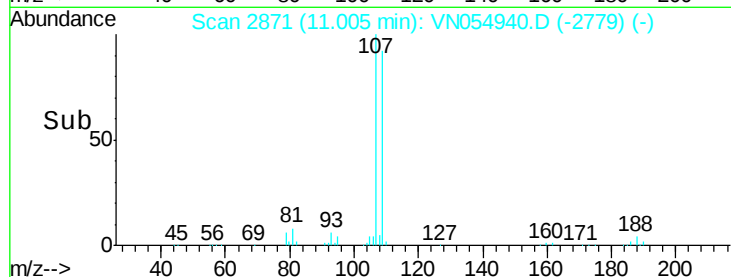
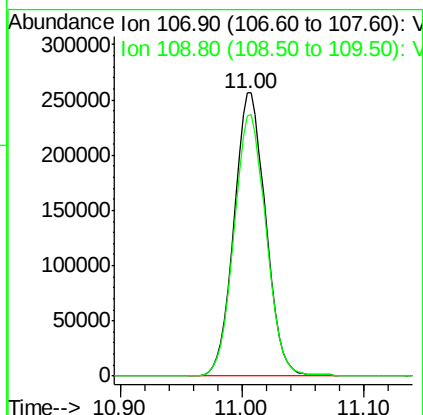
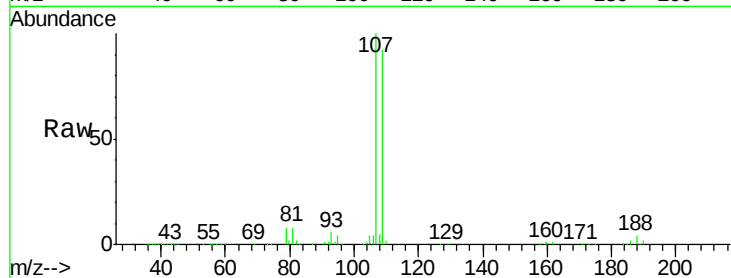




#61
 1,2-Dibromoethane
 Concen: 107.737 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

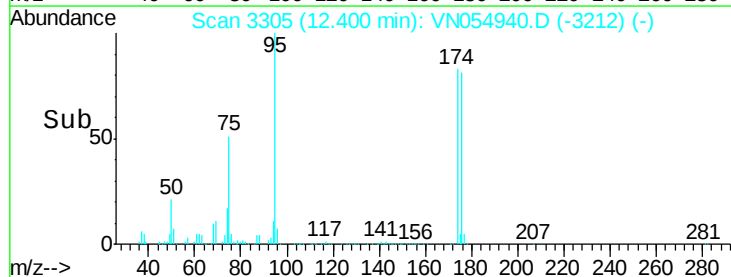
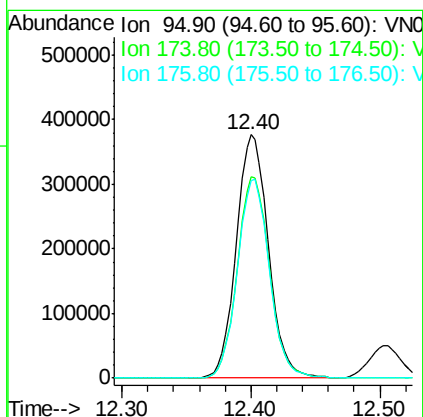
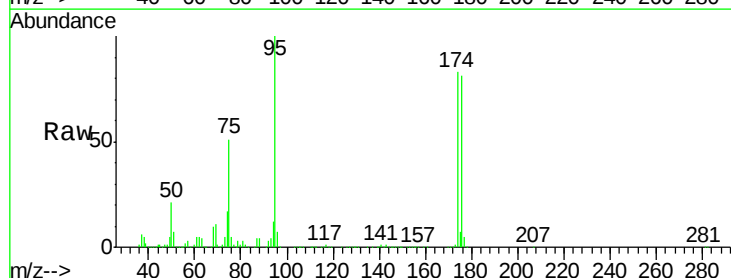
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

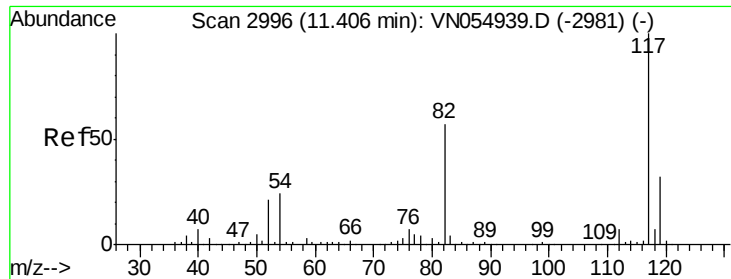
Tgt Ion: 107 Resp: 461114
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 106.138 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion: 95 Resp: 653612
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 166.2
 176 81.4 0.0 163.2

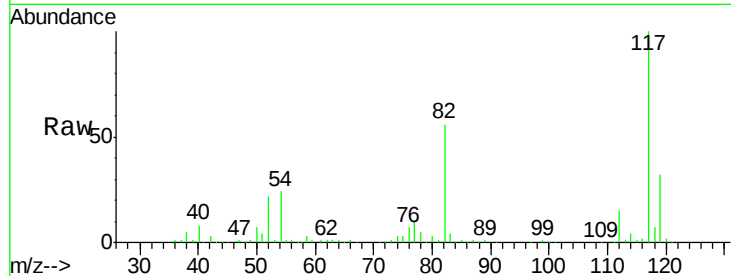




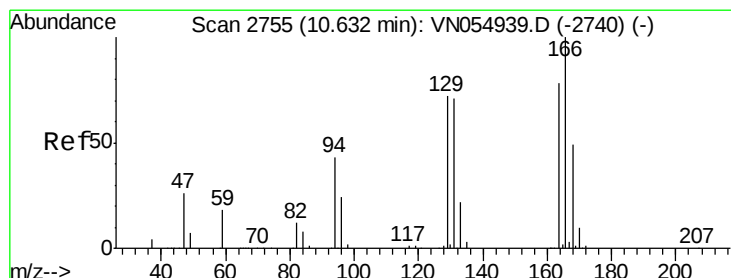
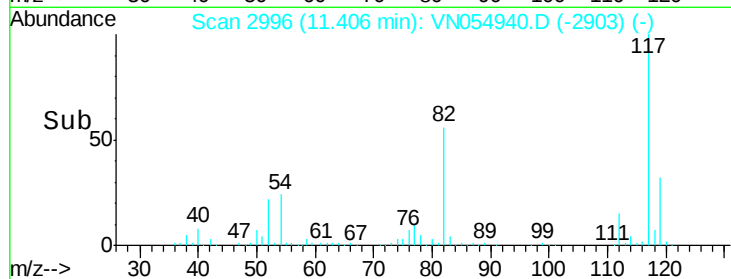
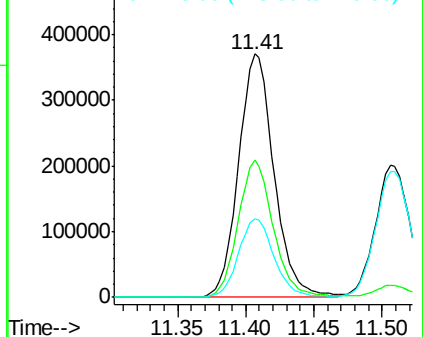
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 668624
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 32.3 25.8 38.6

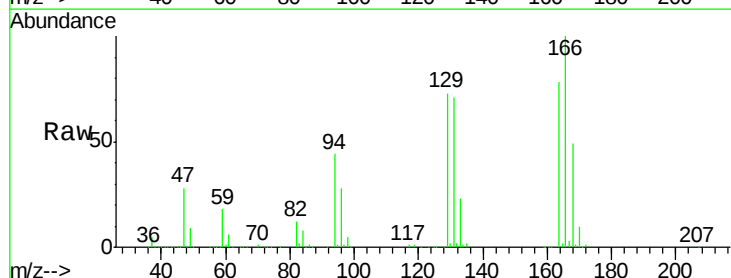


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

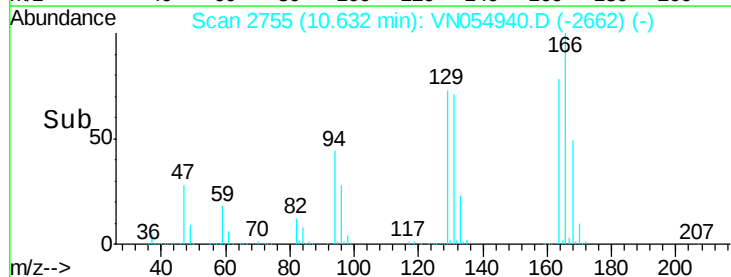
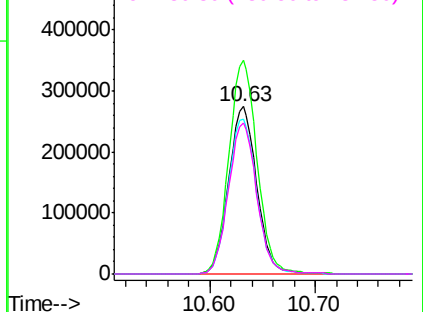


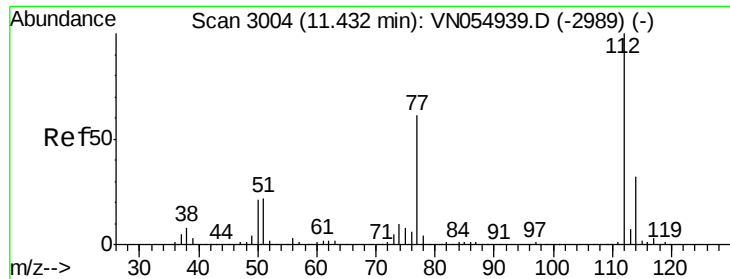
#64
Tetrachloroethene
Concen: 94.010 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion:164 Resp: 506956
Ion Ratio Lower Upper
164 100
166 127.5 103.1 154.7
129 92.5 73.9 110.9
131 90.2 73.0 109.4



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





#65

Chlorobenzene

Concen: 100.175 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

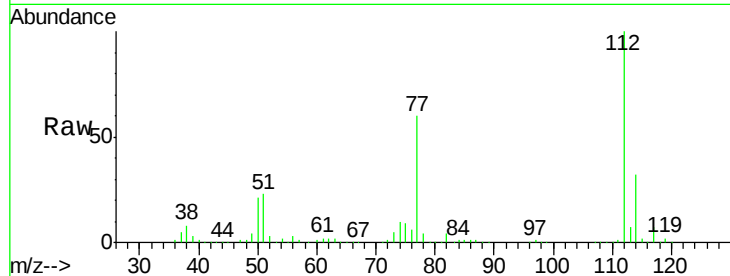
VSTDIC100

Tgt Ion:112 Resp: 1365244

Ion Ratio Lower Upper

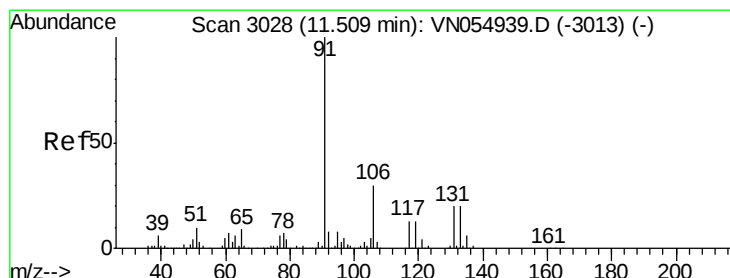
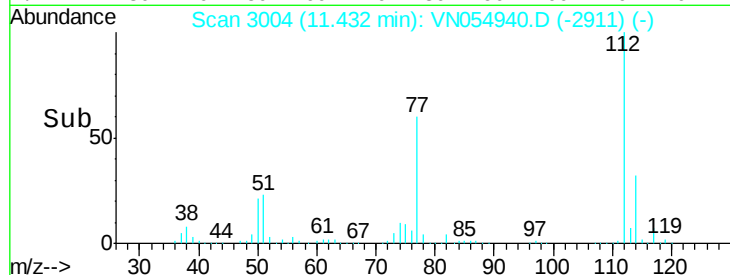
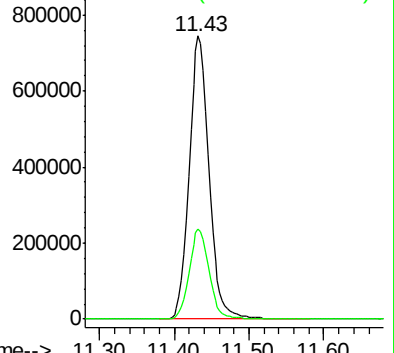
112 100

114 32.0 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 103.858 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

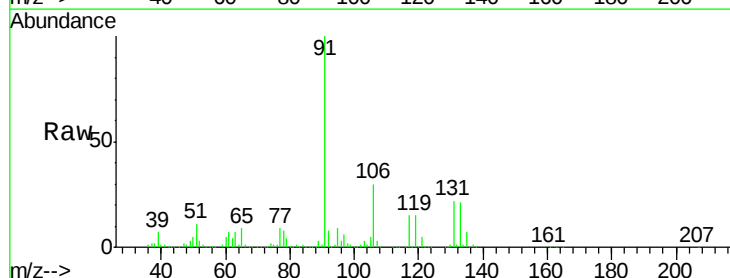
Tgt Ion:131 Resp: 518232

Ion Ratio Lower Upper

131 100

133 95.4 48.1 144.4

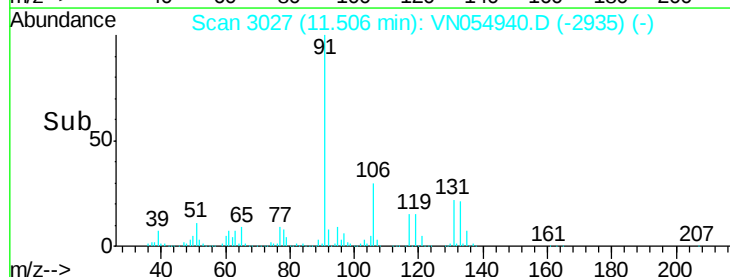
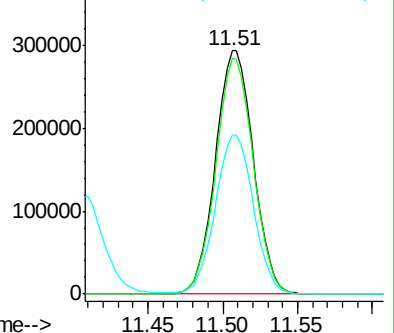
119 65.6 33.1 99.2

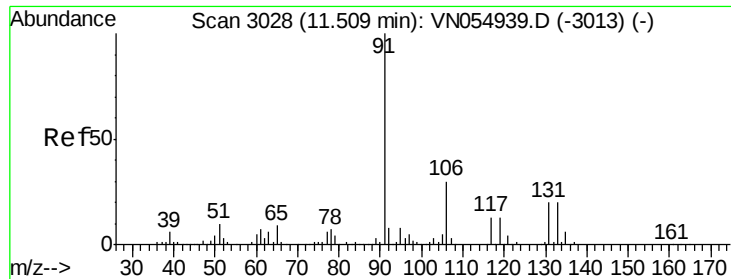


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

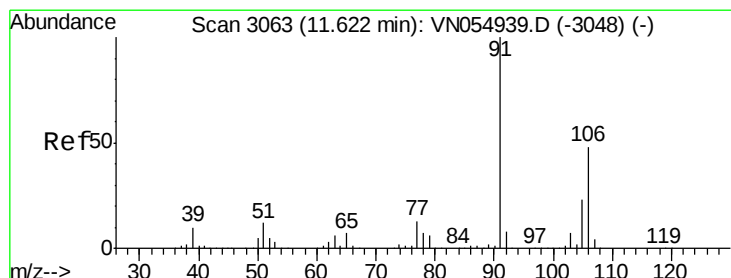
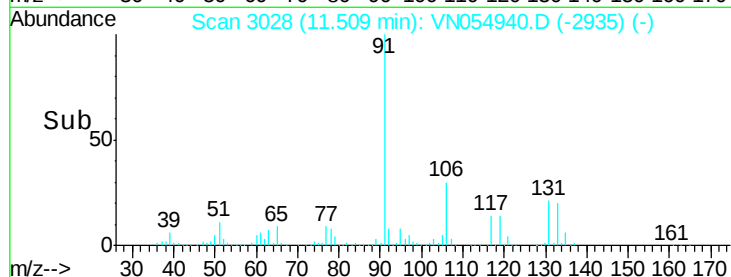
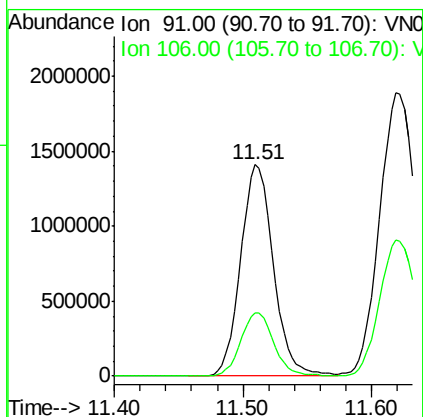
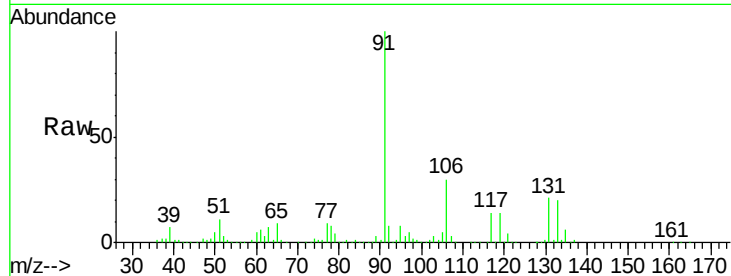




#67
Ethyl Benzene
Concen: 101.763 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

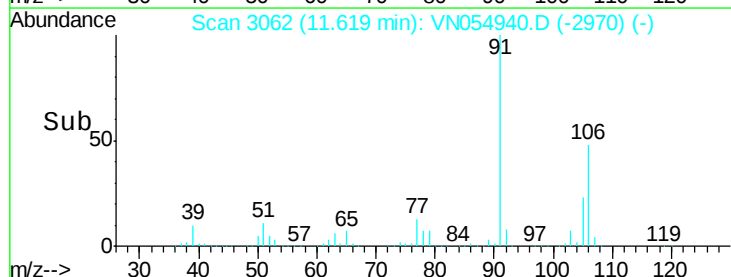
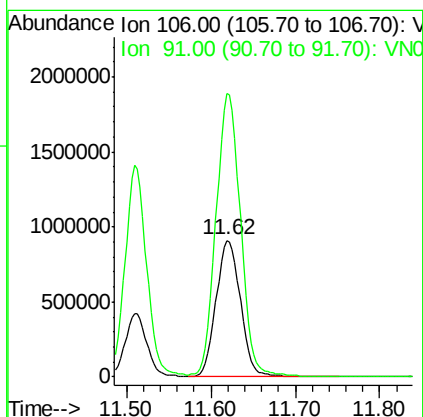
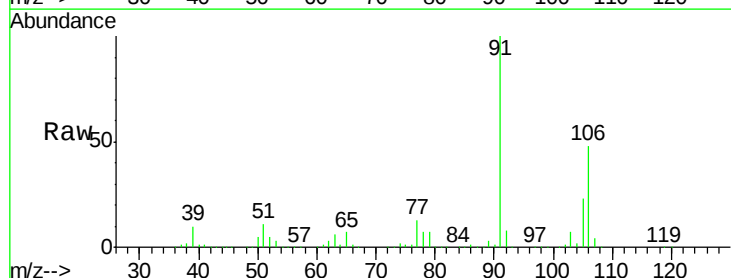
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

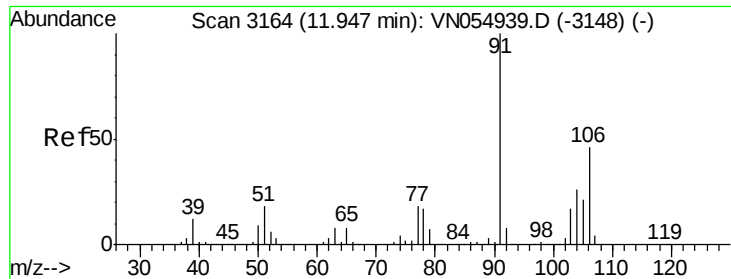
Tgt Ion: 91 Resp: 2500611
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1



#68
m/p-Xylenes
Concen: 204.725 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion: 106 Resp: 1839001
Ion Ratio Lower Upper
106 100
91 208.3 167.4 251.2

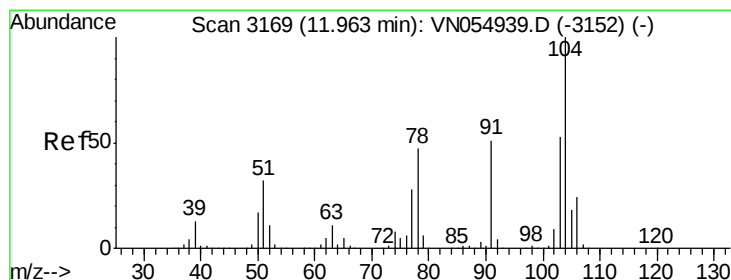
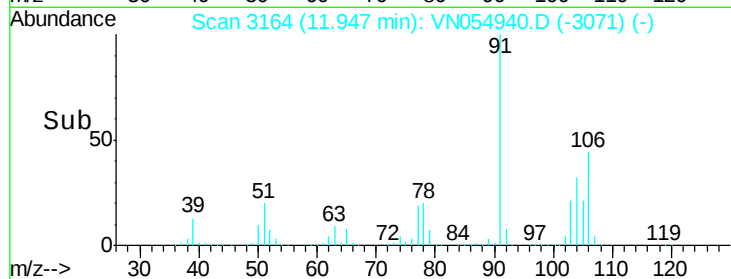
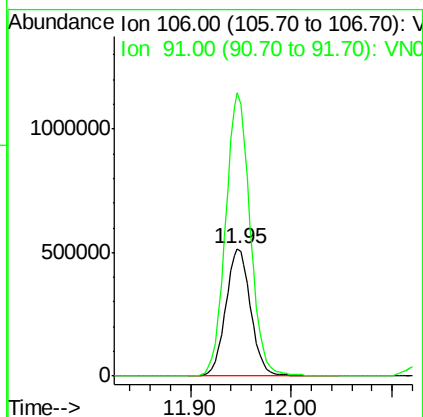
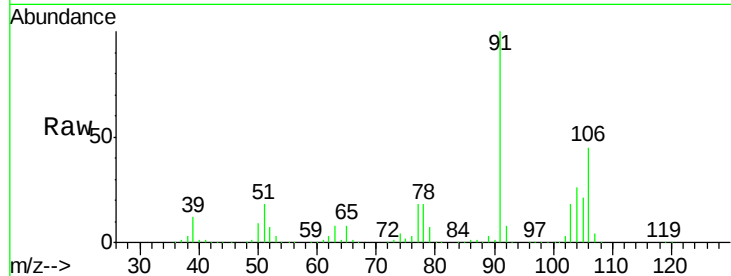




#69
o-Xylene
Concen: 101.552 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

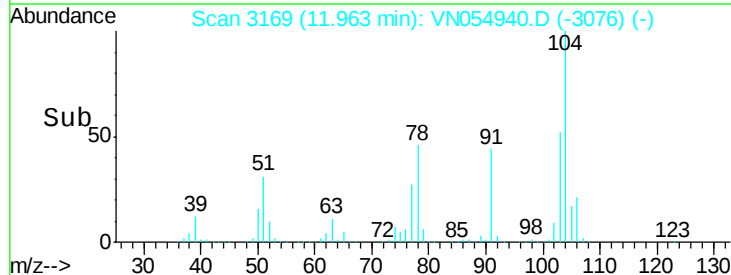
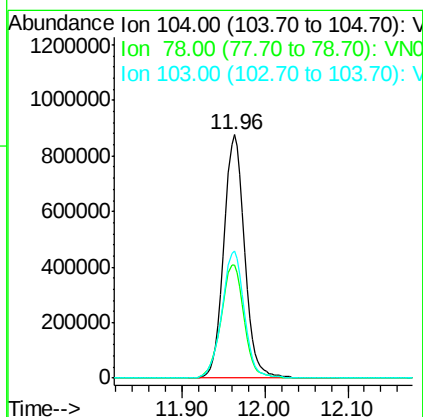
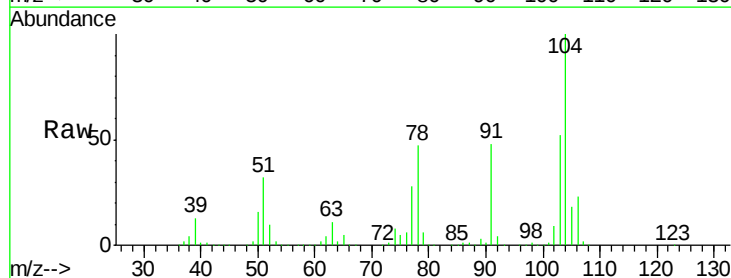
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

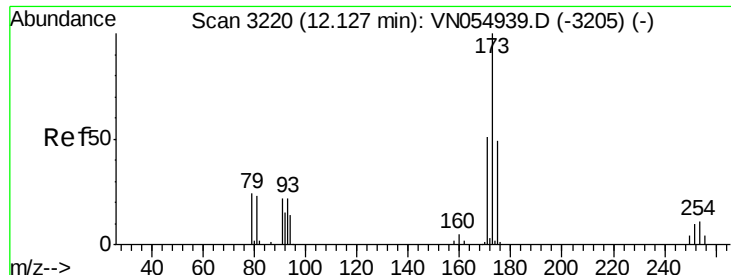
Tgt Ion:106 Resp: 889791
Ion Ratio Lower Upper
106 100
91 218.7 109.9 329.7



#70
Styrene
Concen: 107.881 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion:104 Resp: 1516167
Ion Ratio Lower Upper
104 100
78 51.6 41.1 61.7
103 56.1 45.0 67.4

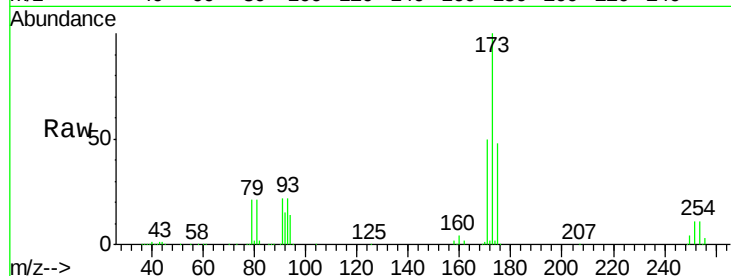




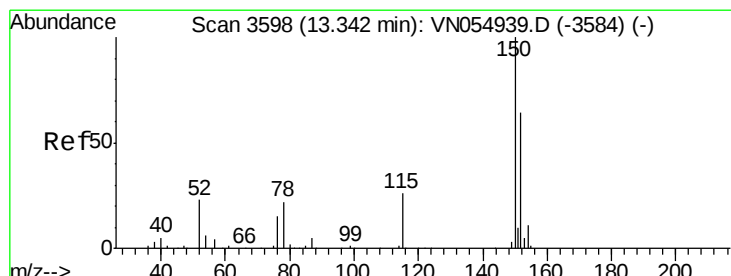
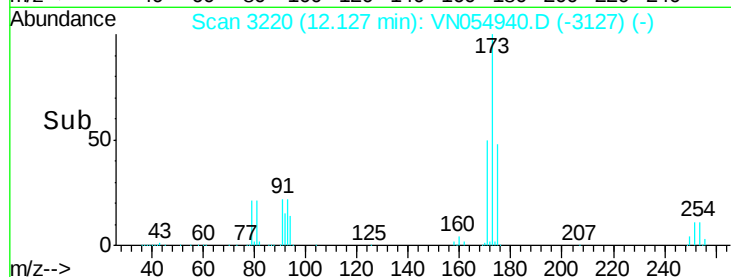
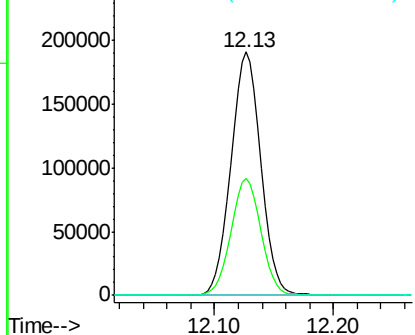
#71
Bromoform
Concen: 110.725 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

Tgt Ion:173 Resp: 332091
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.1 0.0 0.0#

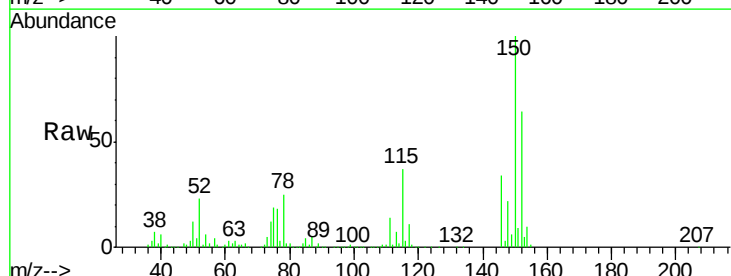


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

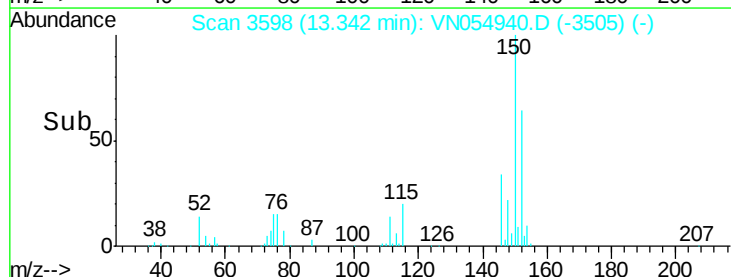
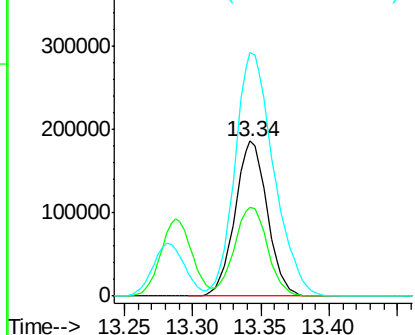


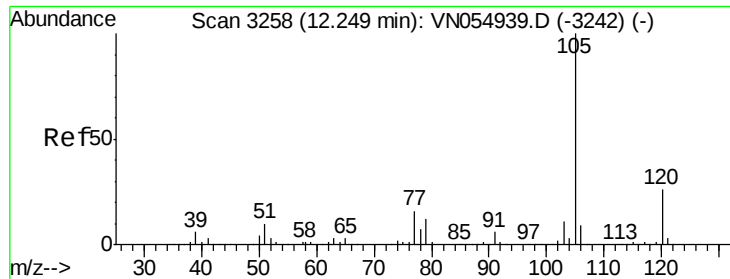
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054940.D
Acq: 4 Apr 2019 11:31

Tgt Ion:152 Resp: 306823
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.8
150 187.8 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 92.102 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

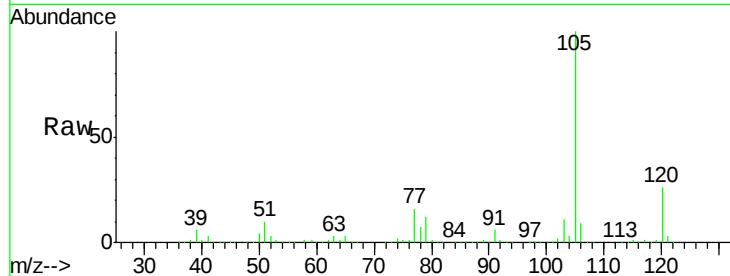
VSTDIC100

Tgt Ion: 105 Resp: 2387178

Ion Ratio Lower Upper

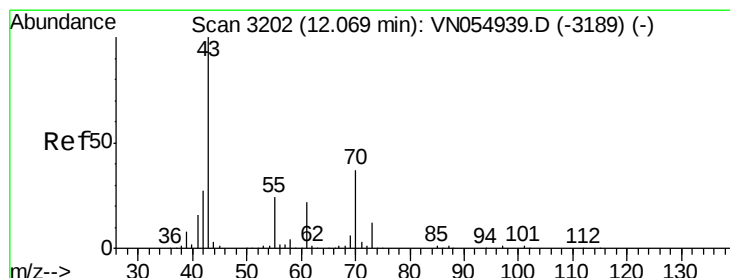
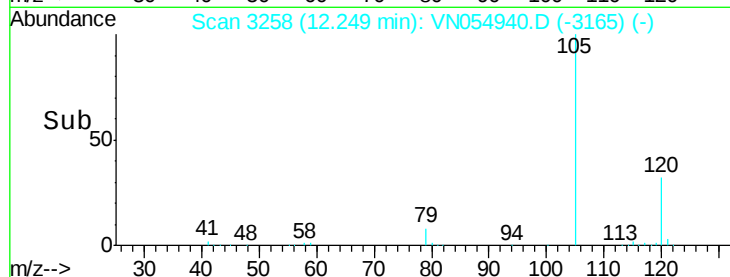
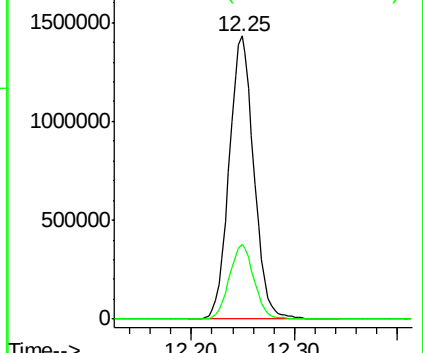
105 100

120 26.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 104.696 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Tgt Ion: 43 Resp: 754262

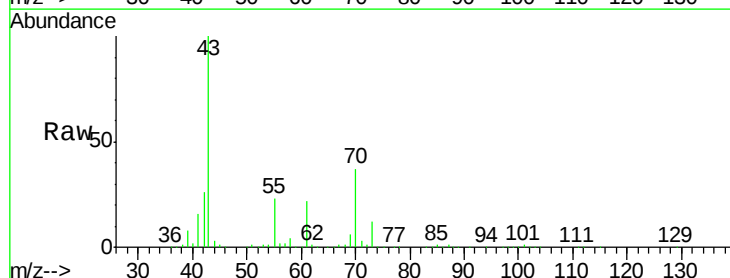
Ion Ratio Lower Upper

43 100

70 36.7 29.3 43.9

55 23.5 19.2 28.8

61 22.0 17.4 26.2

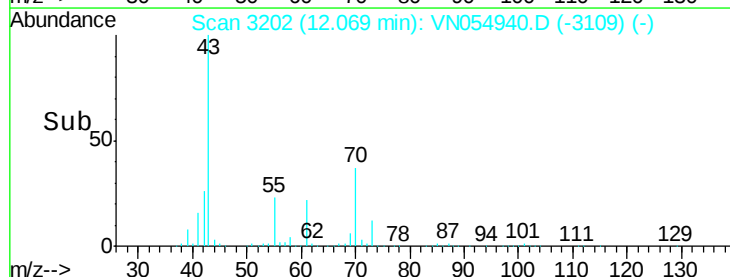
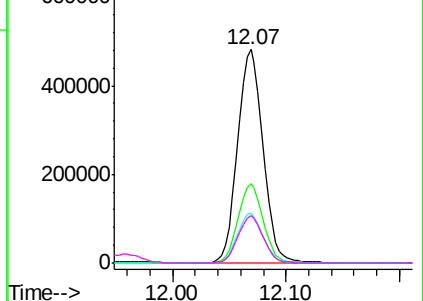


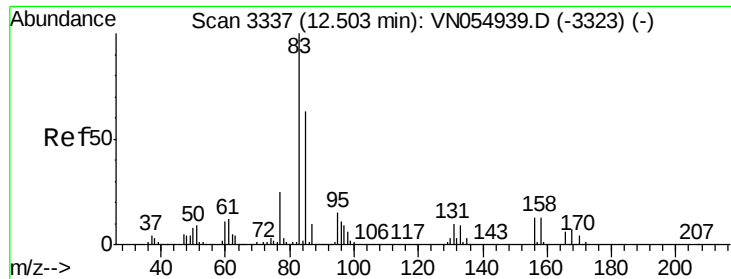
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 87.921 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

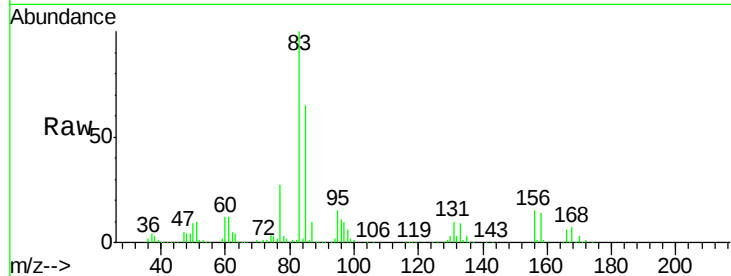
Tgt Ion: 83 Resp: 559740

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

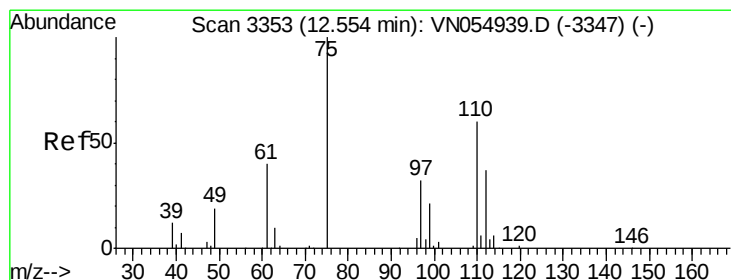
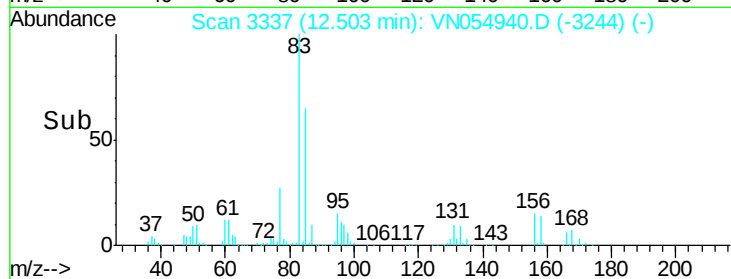
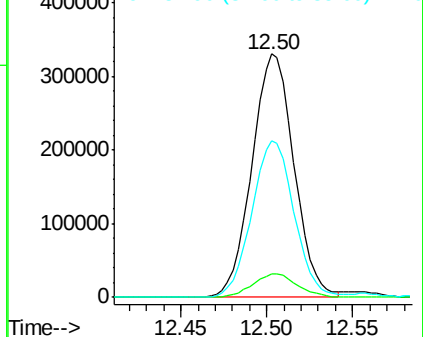
85 64.8 31.4 94.0



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 136.699 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054940.D

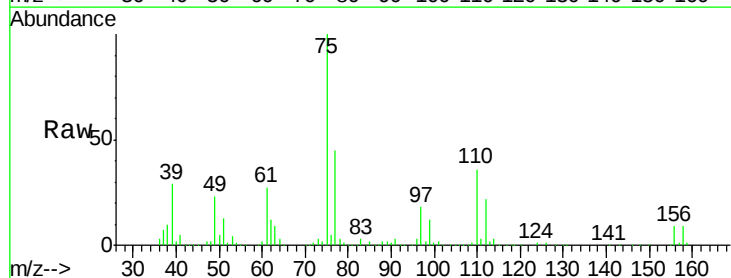
Acq: 4 Apr 2019 11:31

Tgt Ion: 75 Resp: 681890

Ion Ratio Lower Upper

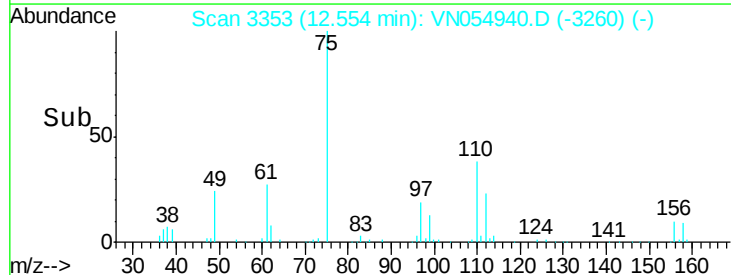
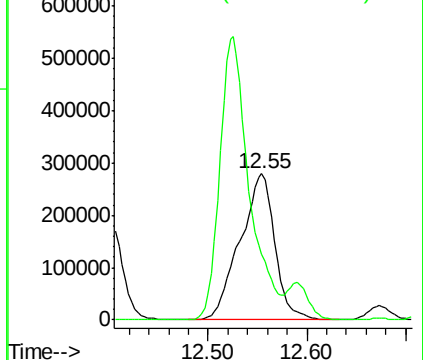
75 100

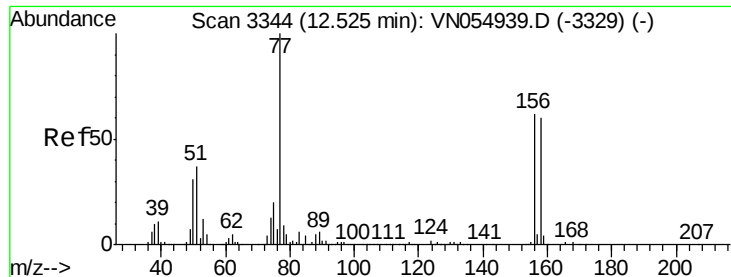
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 94.153 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

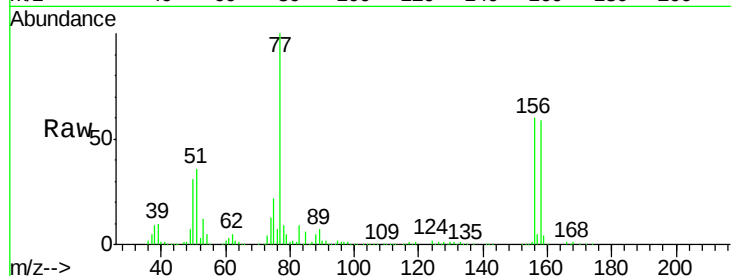
Tgt Ion:156 Resp: 590991

Ion Ratio Lower Upper

156 100

77 191.0 93.1 279.3

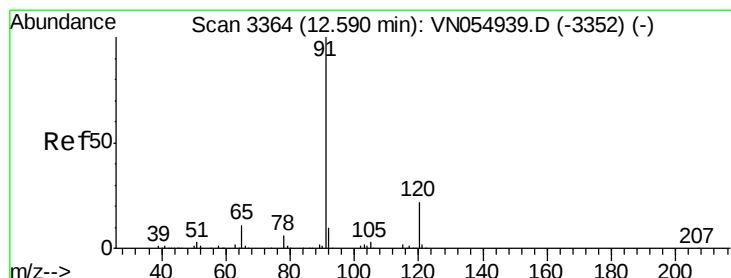
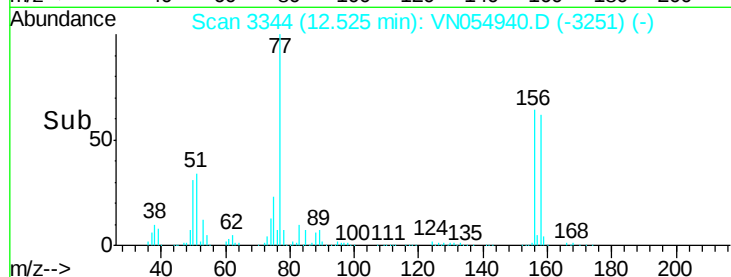
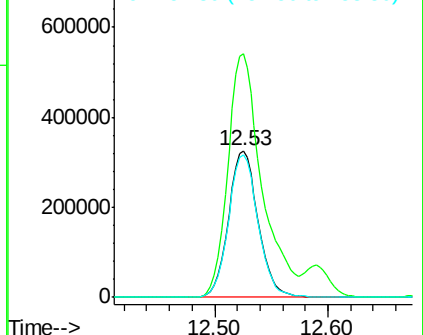
158 97.7 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 95.468 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054940.D

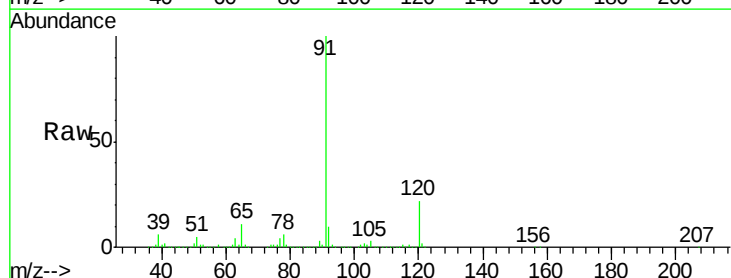
Acq: 4 Apr 2019 11:31

Tgt Ion: 91 Resp: 2726173

Ion Ratio Lower Upper

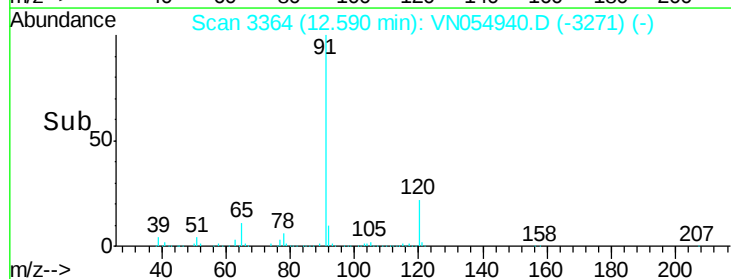
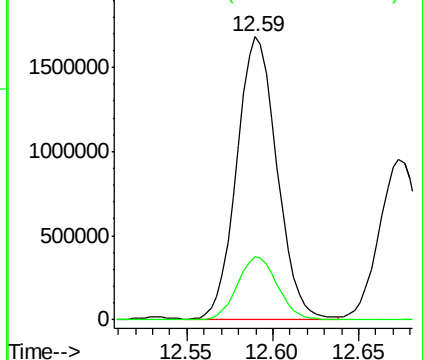
91 100

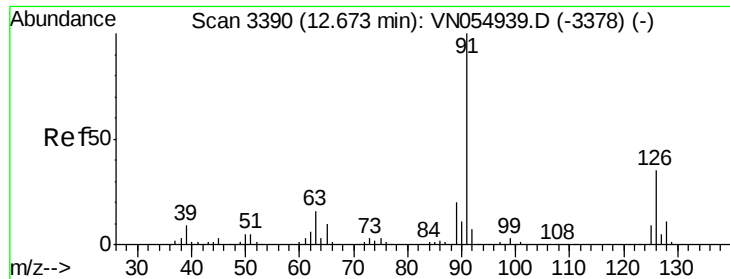
120 22.5 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

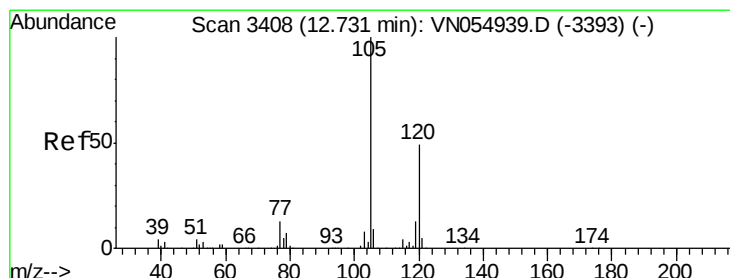
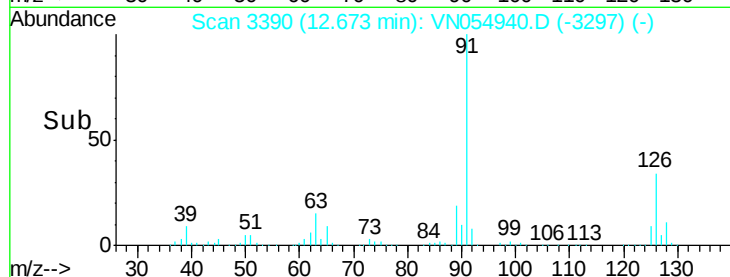
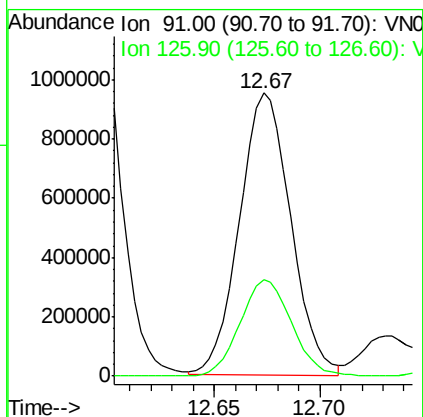
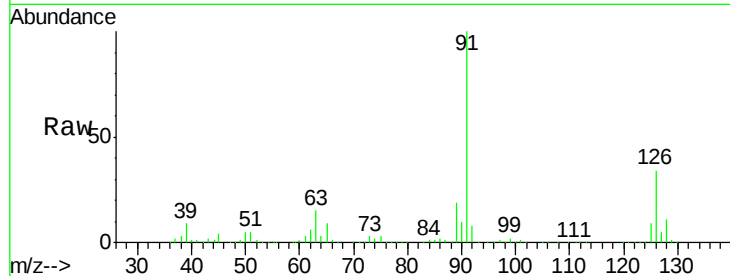




#79
 2-Chlorotoluene
 Concen: 91.148 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

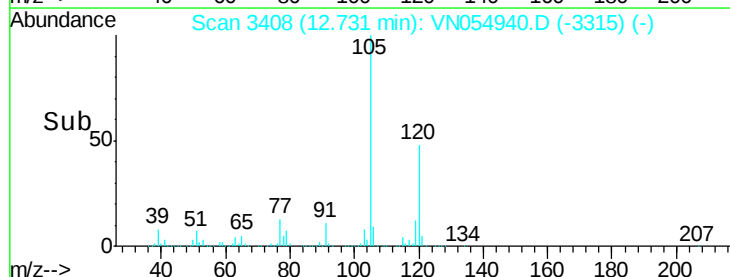
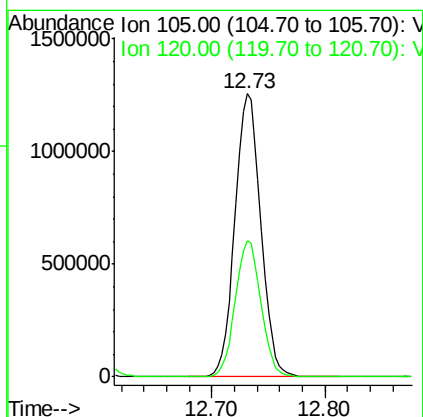
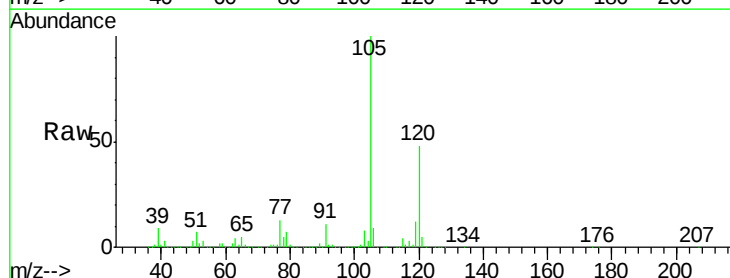
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

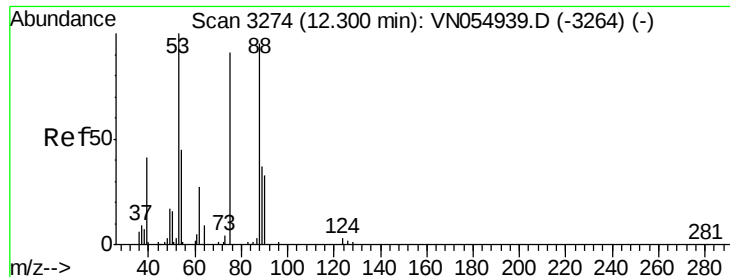
Tgt Ion: 91 Resp: 1613090
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 93.886 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion: 105 Resp: 1998480
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 117.523 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

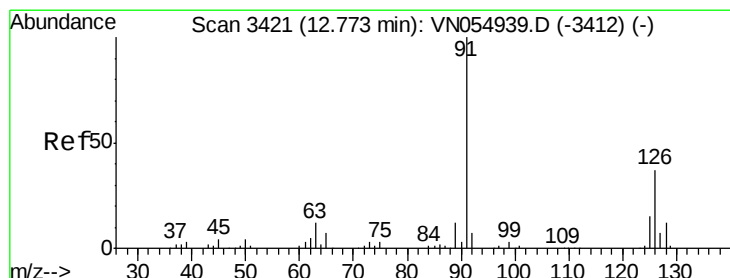
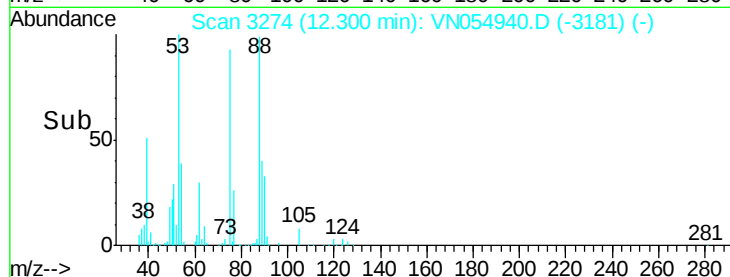
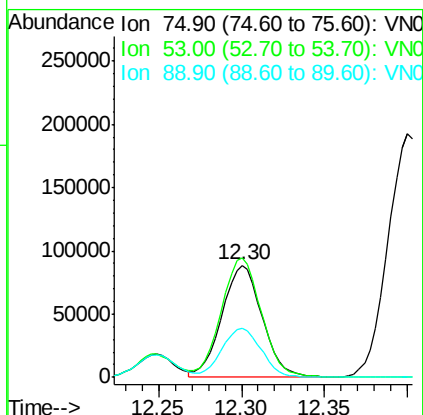
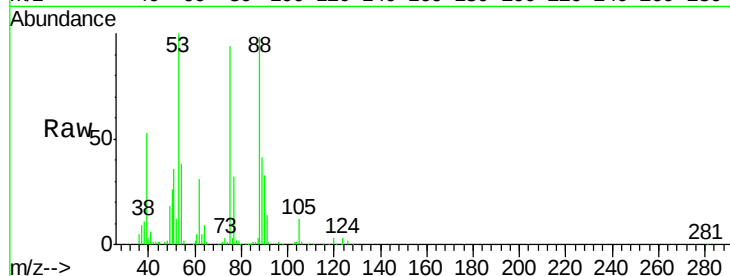
Tgt Ion: 75 Resp: 147688

Ion Ratio Lower Upper

75 100

53 107.8 92.8 139.2

89 43.7 36.7 55.1



#82

4-Chlorotoluene

Concen: 98.264 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054940.D

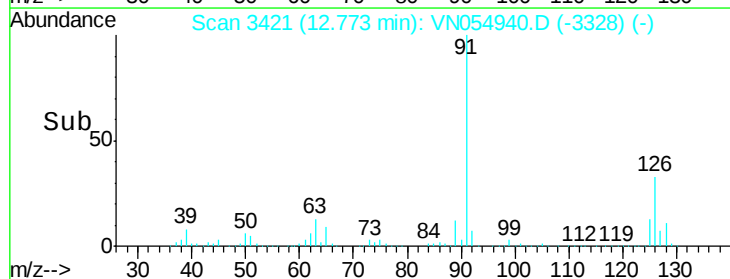
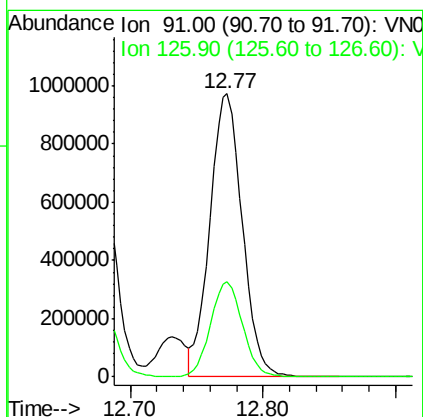
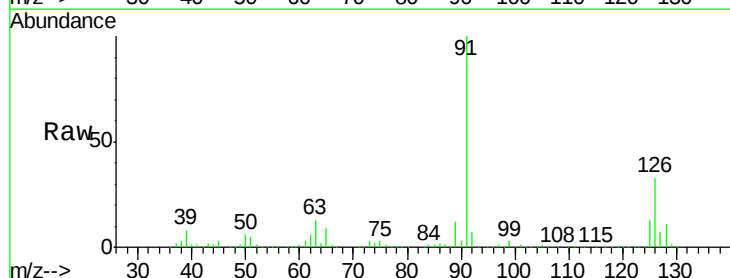
Acq: 4 Apr 2019 11:31

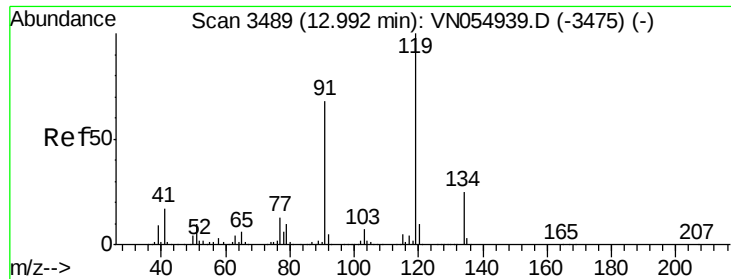
Tgt Ion: 91 Resp: 1644859

Ion Ratio Lower Upper

91 100

126 33.3 16.9 50.7

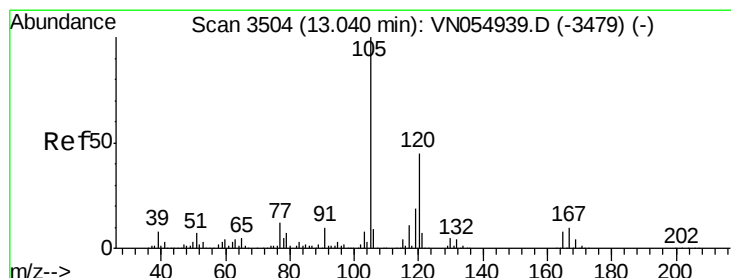
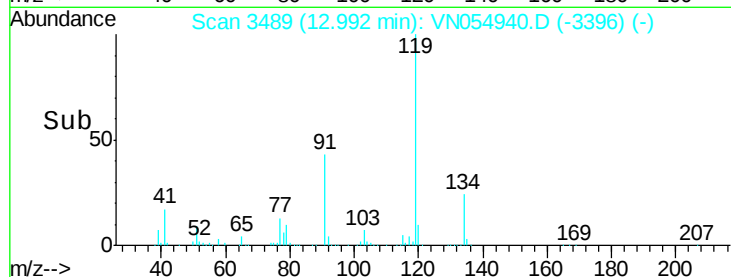
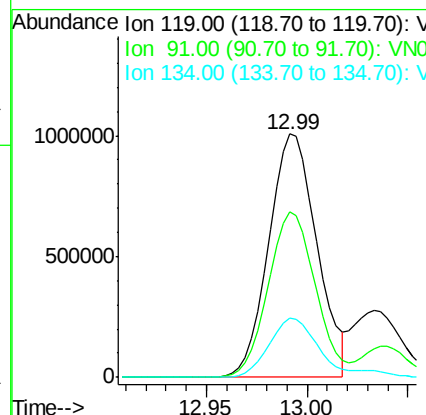
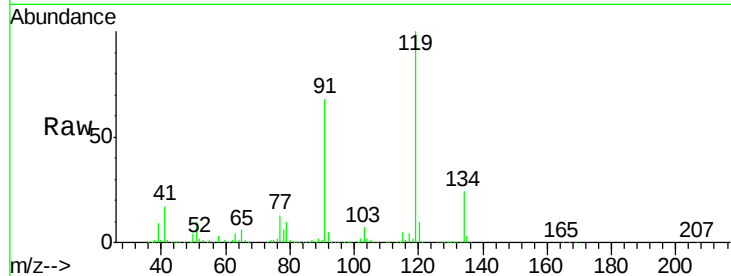




#83
 tert-Butylbenzene
 Concen: 92.302 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

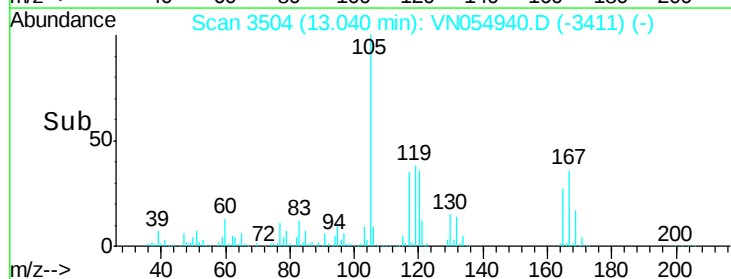
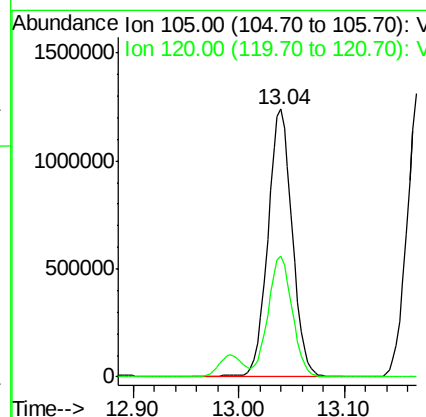
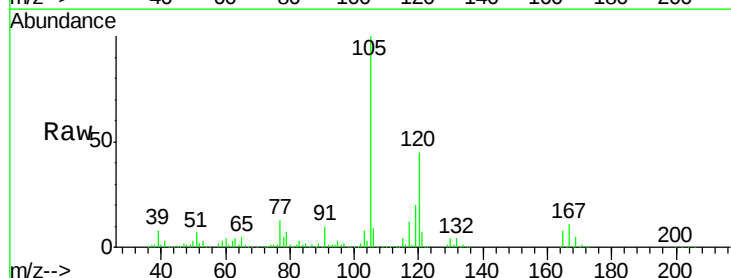
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

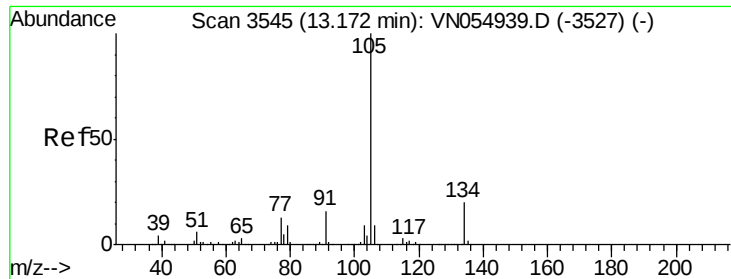
Tgt Ion:119 Resp: 1671349
 Ion Ratio Lower Upper
 119 100
 91 66.8 33.5 100.5
 134 26.3 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 96.709 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion:105 Resp: 1991711
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.3

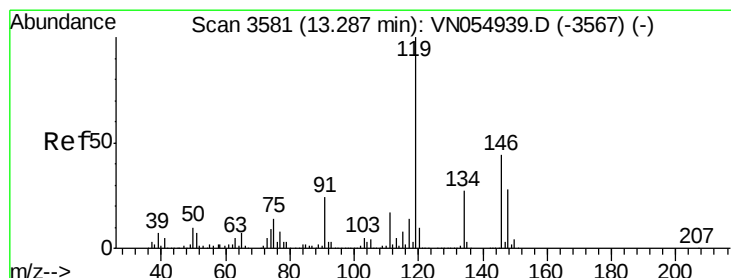
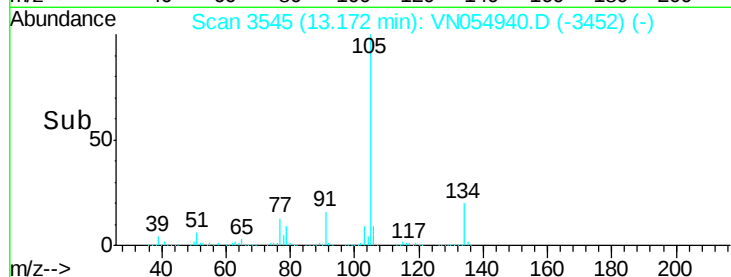
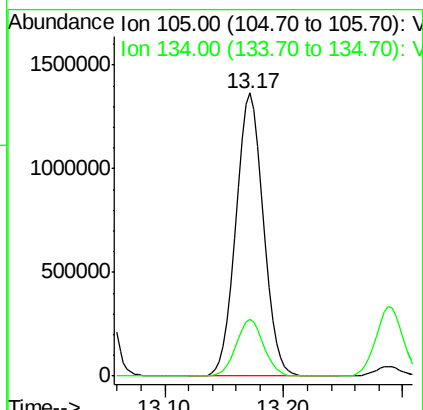
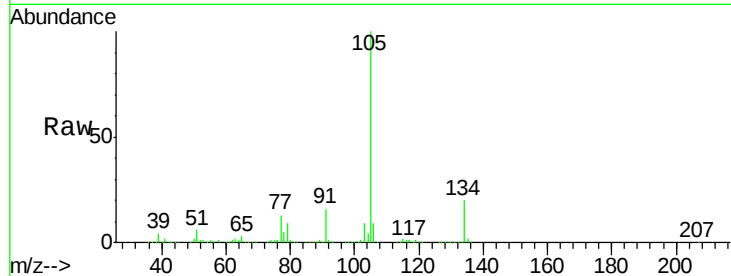




#85
 sec-Butylbenzene
 Concen: 93.016 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

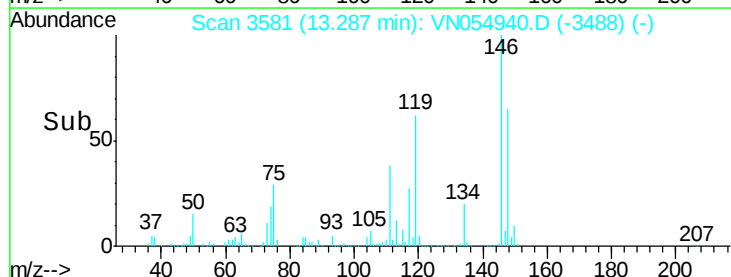
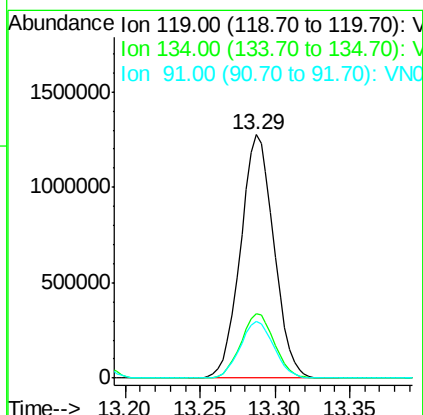
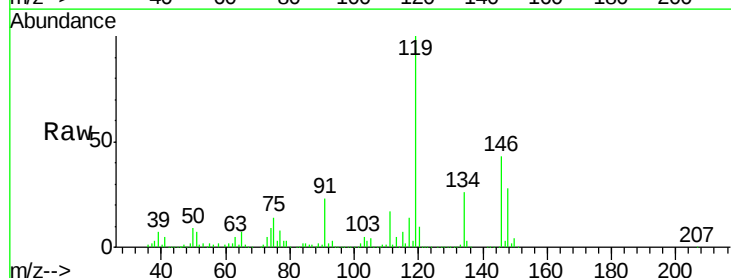
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

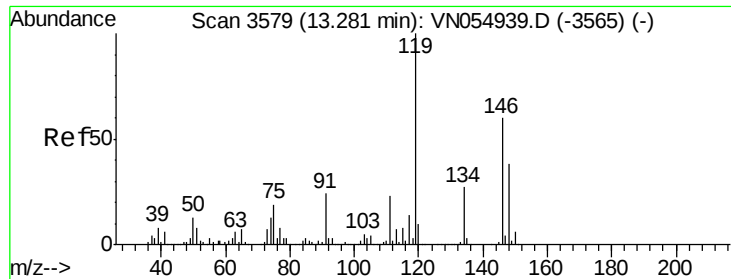
Tgt Ion:105 Resp: 2178539
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 97.657 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion:119 Resp: 1970730
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.5
 91 23.5 11.9 35.7

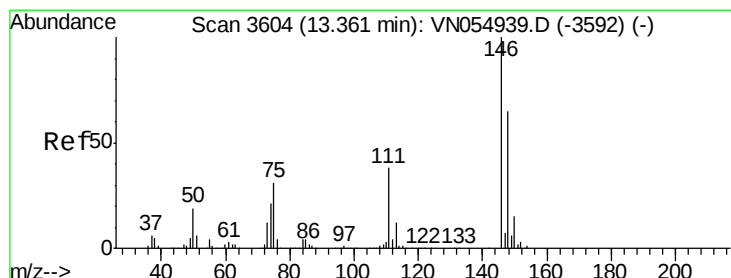
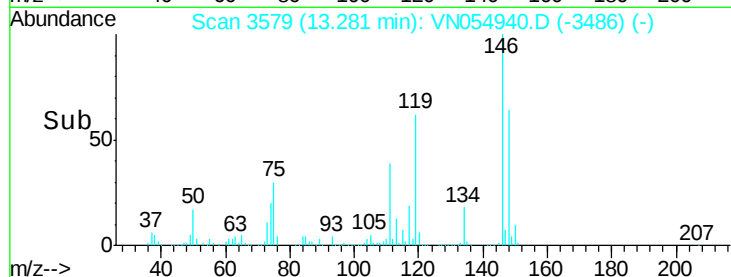
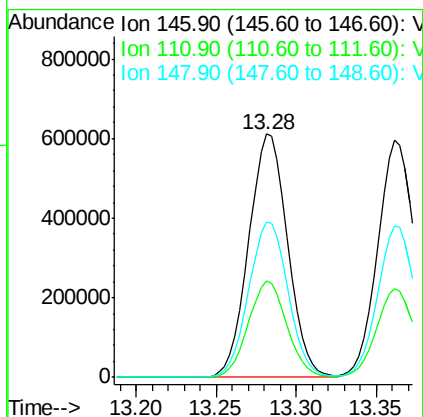
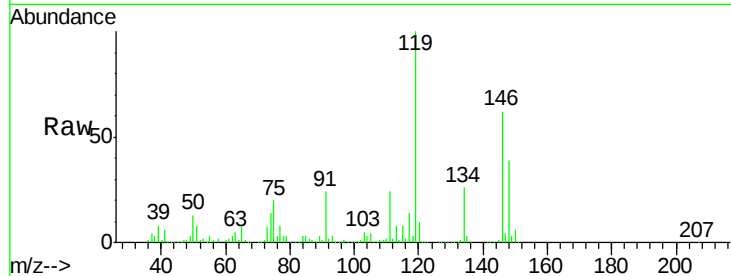




#87
 1,3-Dichlorobenzene
 Concen: 97.688 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

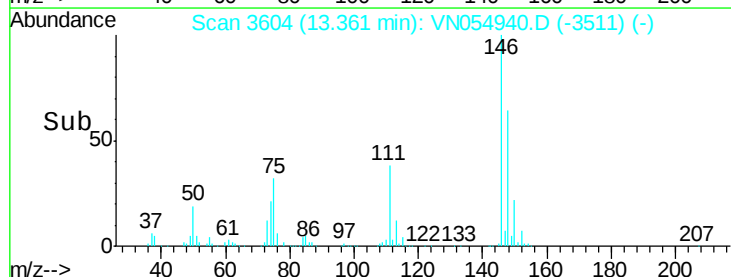
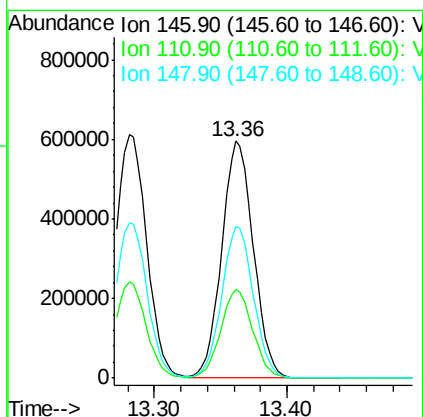
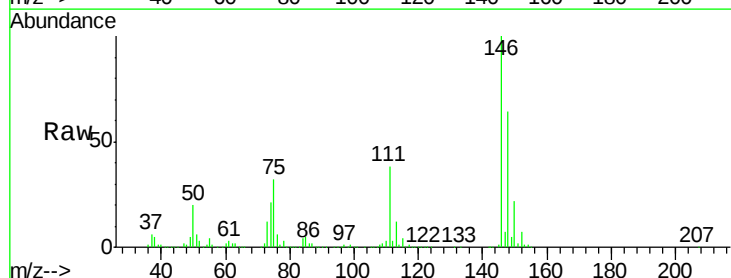
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

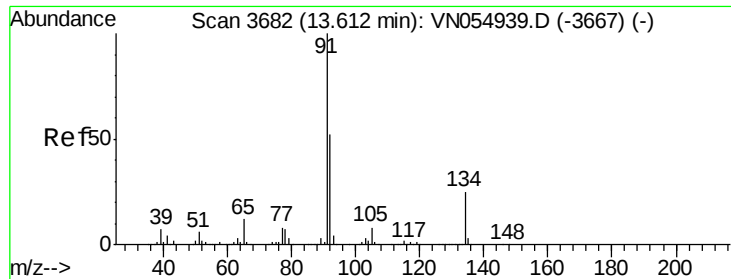
Tgt Ion:146 Resp: 1019985
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 64.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 99.263 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion:146 Resp: 986617
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.2 57.6
 148 64.3 31.9 95.7





#89

n-Butylbenzene

Concen: 105.955 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

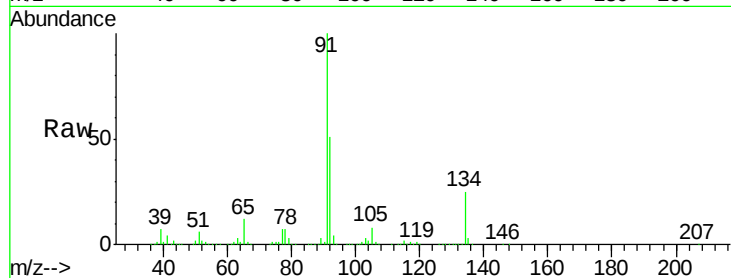
Tgt Ion: 91 Resp: 1708810

Ion Ratio Lower Upper

91 100

92 51.5 26.1 78.2

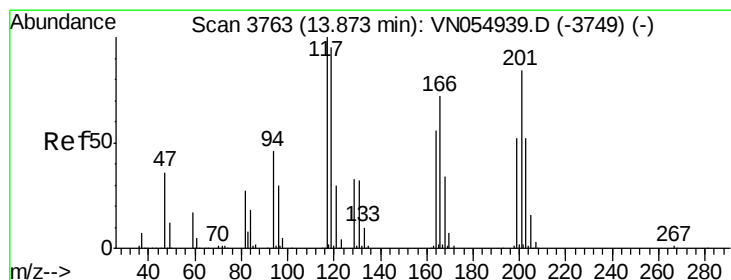
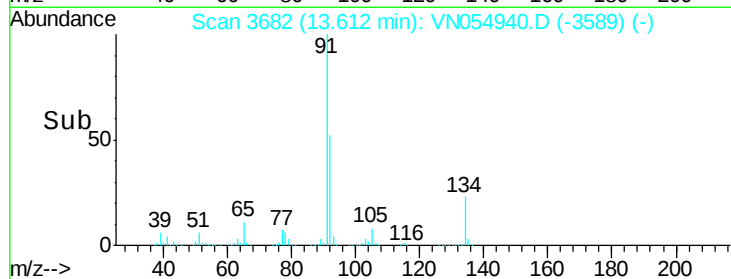
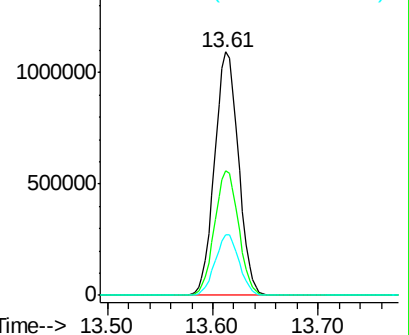
134 25.1 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN054940.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN054940.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN054940.D (-3682) (-)



#90

Hexachloroethane

Concen: 101.228 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054940.D

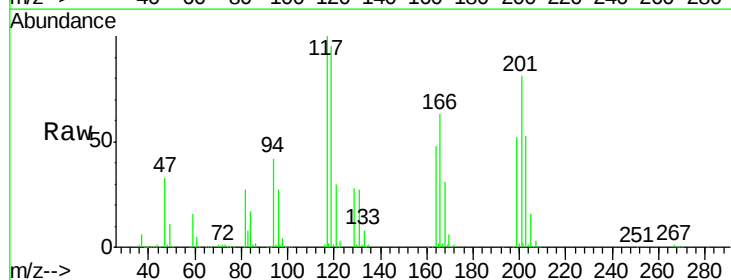
Acq: 4 Apr 2019 11:31

Tgt Ion: 117 Resp: 343146

Ion Ratio Lower Upper

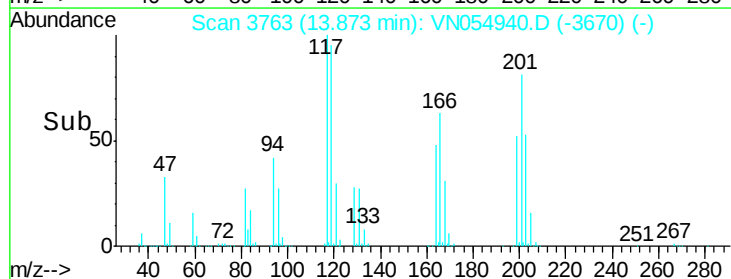
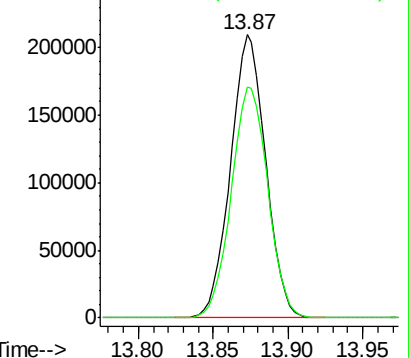
117 100

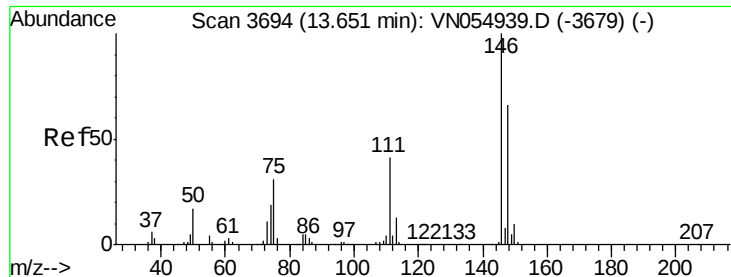
201 84.7 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VN054940.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN054940.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 94.844 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

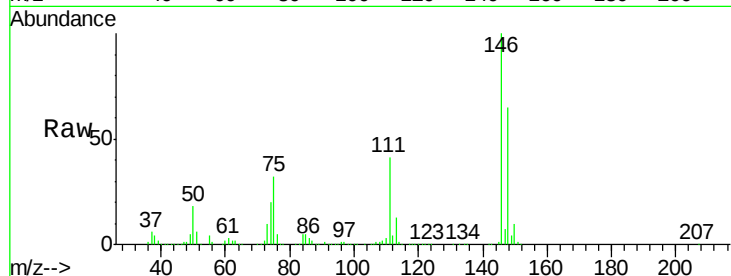
Tgt Ion:146 Resp: 972288

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

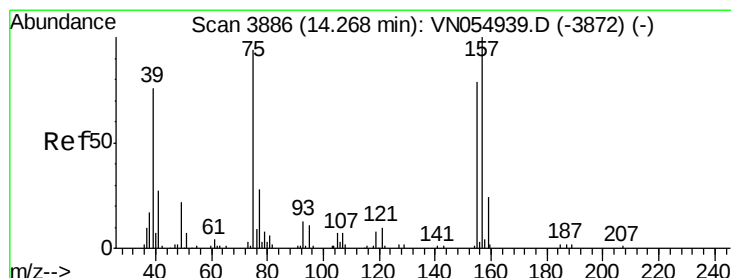
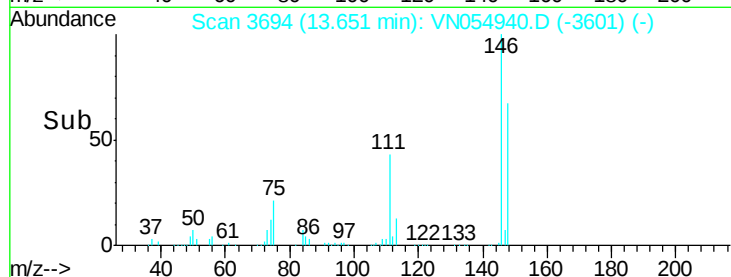
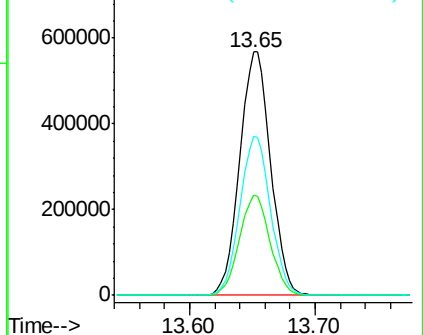
148 64.7 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 97.422 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

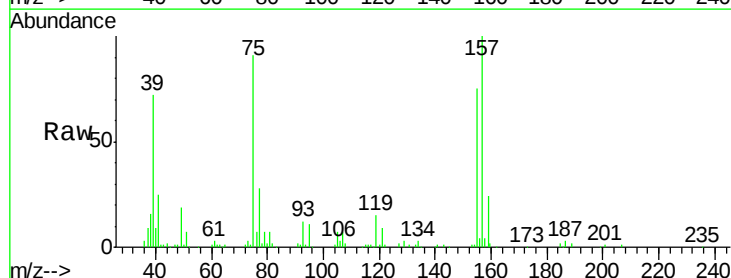
Tgt Ion: 75 Resp: 86433

Ion Ratio Lower Upper

75 100

155 82.0 41.5 124.6

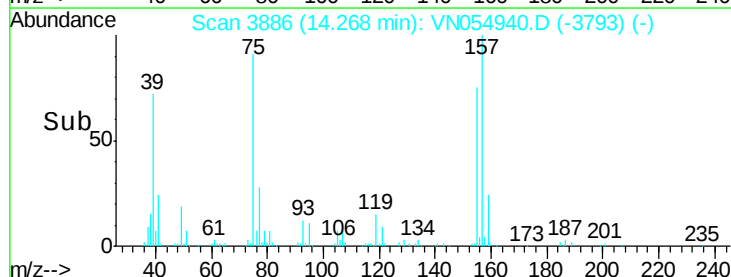
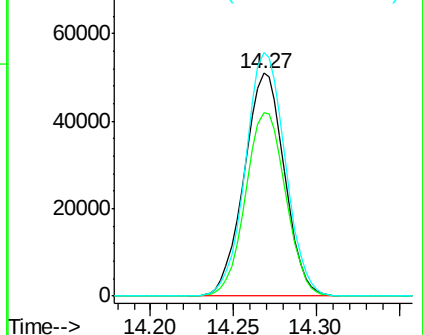
157 107.9 54.4 163.2

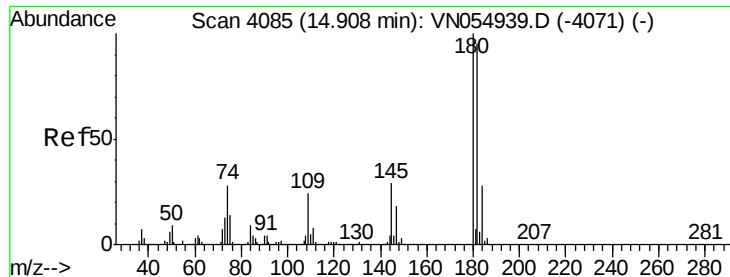


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

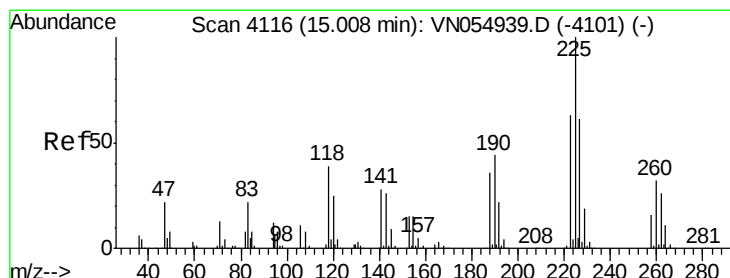
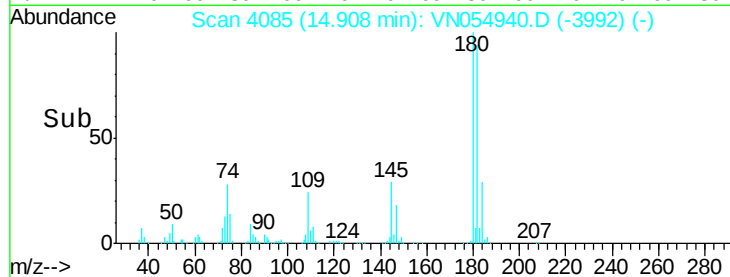
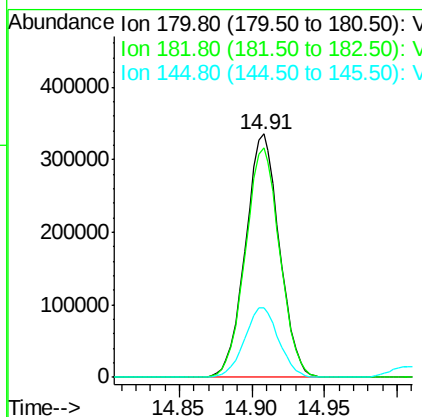
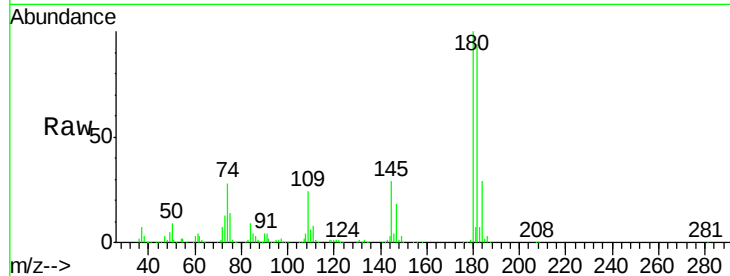




#93
 1,2,4-Trichlorobenzene
 Concen: 119.734 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

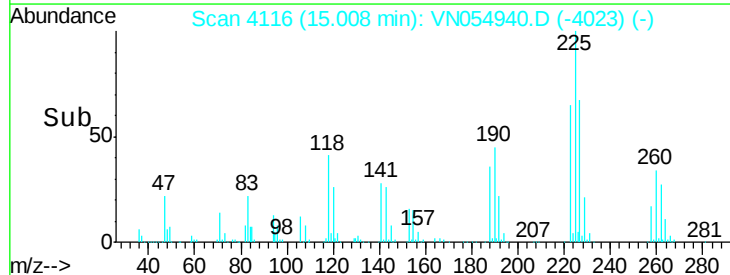
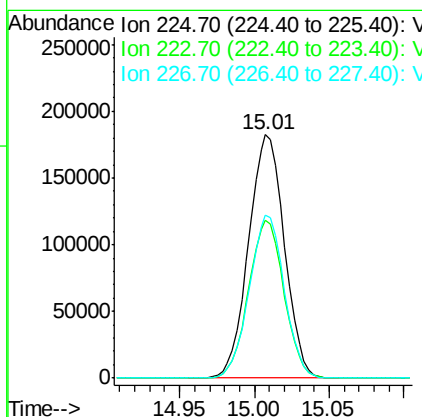
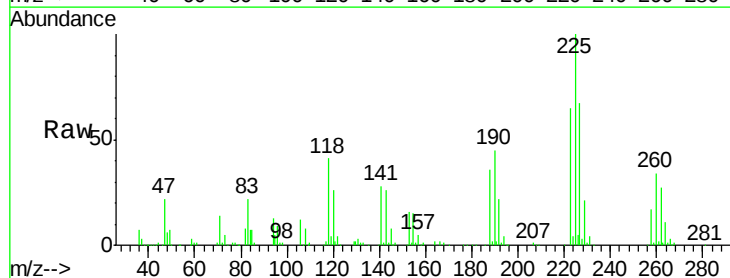
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

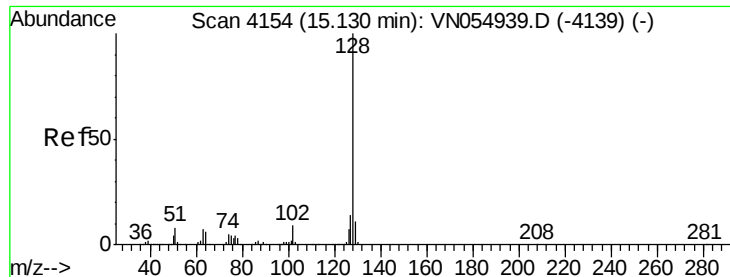
Tgt Ion:180 Resp: 546071
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.6
 145 28.9 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 88.445 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054940.D
 Acq: 4 Apr 2019 11:31

Tgt Ion:225 Resp: 303334
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.1 93.5
 227 65.4 30.9 92.5





#95

Naphthalene

Concen: 118.267 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

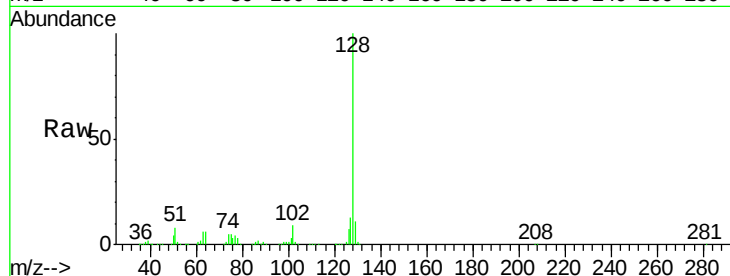
Tgt Ion:128 Resp: 1183573

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13

800000

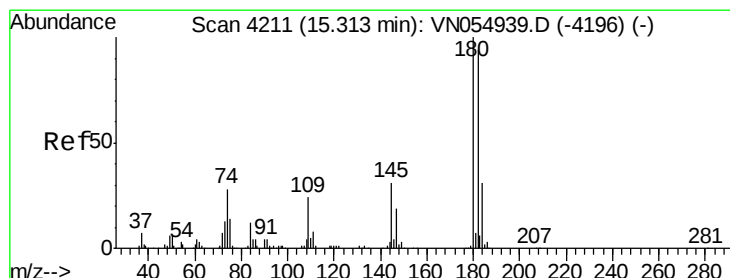
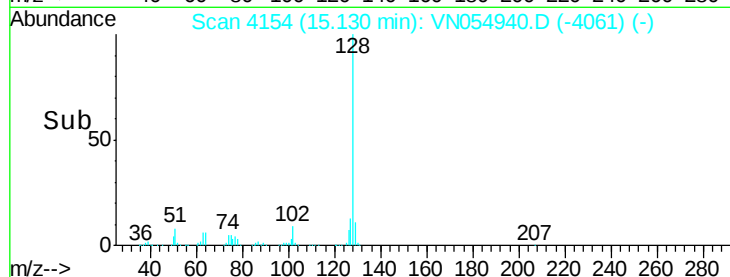
600000

400000

200000

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 110.757 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054940.D

Acq: 4 Apr 2019 11:31

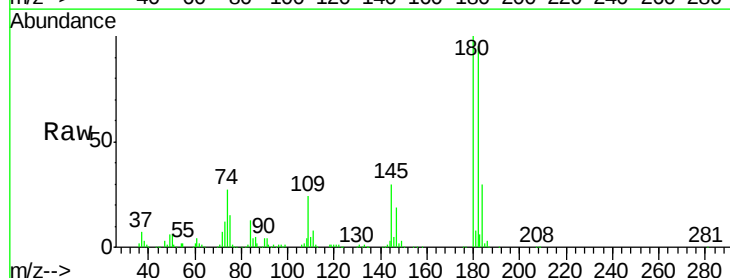
Tgt Ion:180 Resp: 521398

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.5

145 30.7 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.31

400000

300000

200000

100000

0

Time-->

