

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054941.D
 Acq On : 4 Apr 2019 11:58
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 05 01:54:55 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	7.66	168	473441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	758888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	688917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	324910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	909470	145.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.40%	
35) Dibromofluoromethane	7.59	113	739820	149.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.52%	
50) Toluene-d8	10.09	98	2842888	151.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.34%	
62) 4-Bromofluorobenzene	12.40	95	1003808	160.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	829966	146.606	ug/l	99
3) Chloromethane	2.06	50	1053223	140.711	ug/l	99
4) Vinyl Chloride	2.19	62	914391	139.819	ug/l	100
5) Bromomethane	2.56	94	518657	138.935	ug/l	98
6) Chloroethane	2.70	64	495608	135.877	ug/l	100
7) Trichlorofluoromethane	3.02	101	1103367	138.954	ug/l	99
8) Diethyl Ether	3.41	74	347447	137.388	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	564728	134.235	ug/l	100
10) Methyl Iodide	3.94	142	887941	149.734	ug/l	99
11) Tert butyl alcohol	4.82	59	238424	738.048	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	560374	134.278	ug/l	95
13) Acrolein	3.61	56	366894	830.492	ug/l	100
14) Allyl chloride	4.32	41	1424150	150.417	ug/l	98
15) Acrylonitrile	4.99	53	1394765	722.059	ug/l	99
16) Acetone	3.82	43	1067430	629.186	ug/l	99
17) Carbon Disulfide	4.04	76	2056390	154.801	ug/l	100
18) Methyl Acetate	4.33	43	597119	128.533	ug/l	99
19) Methyl tert-butyl Ether	5.06	73	1966275	145.261	ug/l	99
20) Methylene Chloride	4.54	84	792867	136.856	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	746643	143.518	ug/l	98
22) Diisopropyl ether	5.96	45	2801088	147.252	ug/l	97
23) Vinyl Acetate	5.90	43	10422446	787.393	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1476489	142.333	ug/l	99
25) 2-Butanone	6.84	43	1757884	749.980	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1077322	148.147	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	855877	144.759	ug/l	99
28) Bromochloromethane	7.19	49	689083	141.795	ug/l	100
29) Tetrahydrofuran	7.22	42	1123436	731.252	ug/l	100
30) Chloroform	7.37	83	1404308	142.843	ug/l	99
31) Cyclohexane	7.65	56	1429847	120.714	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1208197	145.635	ug/l	98
36) 1,1-Dichloropropene	7.79	75	1120427	149.006	ug/l	99
37) Ethyl Acetate	6.94	43	775355	150.257	ug/l	99
38) Carbon Tetrachloride	7.77	117	1059320	145.877	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1263638	152.755	ug/l	99
40) Benzene	8.04	78	3249512	150.185	ug/l	100
41) Methacrylonitrile	7.18	41	455347	154.325	ug/l	95
42) 1,2-Dichloroethane	8.13	62	1099969	144.674	ug/l	99
43) Isopropyl Acetate	8.17	43	1377099	158.347	ug/l	100
44) Trichloroethene	8.83	130	830819	150.175	ug/l	99
45) 1,2-Dichloropropane	9.12	63	899237	149.161	ug/l	100
46) Dibromomethane	9.21	93	499154	146.008	ug/l	99
47) Bromodichloromethane	9.40	83	1111015	154.727	ug/l	99
48) Methyl methacrylate	9.20	41	722577	164.128	ug/l	100
49) 1,4-Dioxane	9.20	88	136211	3065.302	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	3776557	778.415	ug/l	100
52) Toluene	10.16	92	1957349	153.474	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1152413	173.896	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1344041	166.308	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	683534	147.824	ug/l	99
56) Ethyl methacrylate	10.43	69	999771	165.369	ug/l	100
57) 1,3-Dichloropropane	10.71	76	1232145	152.577	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2083693	872.262	ug/l	100
59) 2-Hexanone	10.75	43	2460059	811.800	ug/l	100
60) Dibromochloromethane	10.90	129	793920	163.919	ug/l	98
61) 1,2-Dibromoethane	11.00	107	696902	160.294	ug/l	99
64) Tetrachloroethene	10.63	164	752374	135.411	ug/l	99
65) Chlorobenzene	11.43	112	2062256	146.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	782771	152.253	ug/l	99
67) Ethyl Benzene	11.51	91	3827267	151.164	ug/l	100
68) m/p-Xylenes	11.62	106	2800893	302.621	ug/l	100
69) o-Xylene	11.95	106	1358990	150.533	ug/l	100
70) Styrene	11.96	104	2328161	160.777	ug/l	99
71) Bromoform	12.13	173	517482	167.456	ug/l #	100
73) Isopropylbenzene	12.25	105	3616482	131.764	ug/l	99
74) N-amyl acetate	12.07	43	1192603	156.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	852484	126.450	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	1066263	201.856	ug/l #	100
77) Bromobenzene	12.53	156	908894	136.739	ug/l	97
78) n-propylbenzene	12.59	91	4187441	138.477	ug/l	100
79) 2-Chlorotoluene	12.67	91	2473702	131.996	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3067140	136.070	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	238044	178.880	ug/l	91
82) 4-Chlorotoluene	12.77	91	2532827	142.888	ug/l	100
83) tert-Butylbenzene	12.99	119	2562812	133.655	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3068477	140.699	ug/l	100
85) sec-Butylbenzene	13.17	105	3356141	135.318	ug/l	100
86) p-Isopropyltoluene	13.29	119	3038498	142.187	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1568710	141.878	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1542807	146.580	ug/l	99
89) n-Butylbenzene	13.61	91	2657329	155.596	ug/l	100
90) Hexachloroethane	13.87	117	537495	149.734	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1496430	137.847	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	131711	140.193	ug/l	98

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QLast Update : Fri Apr 05 01:45:45 2019
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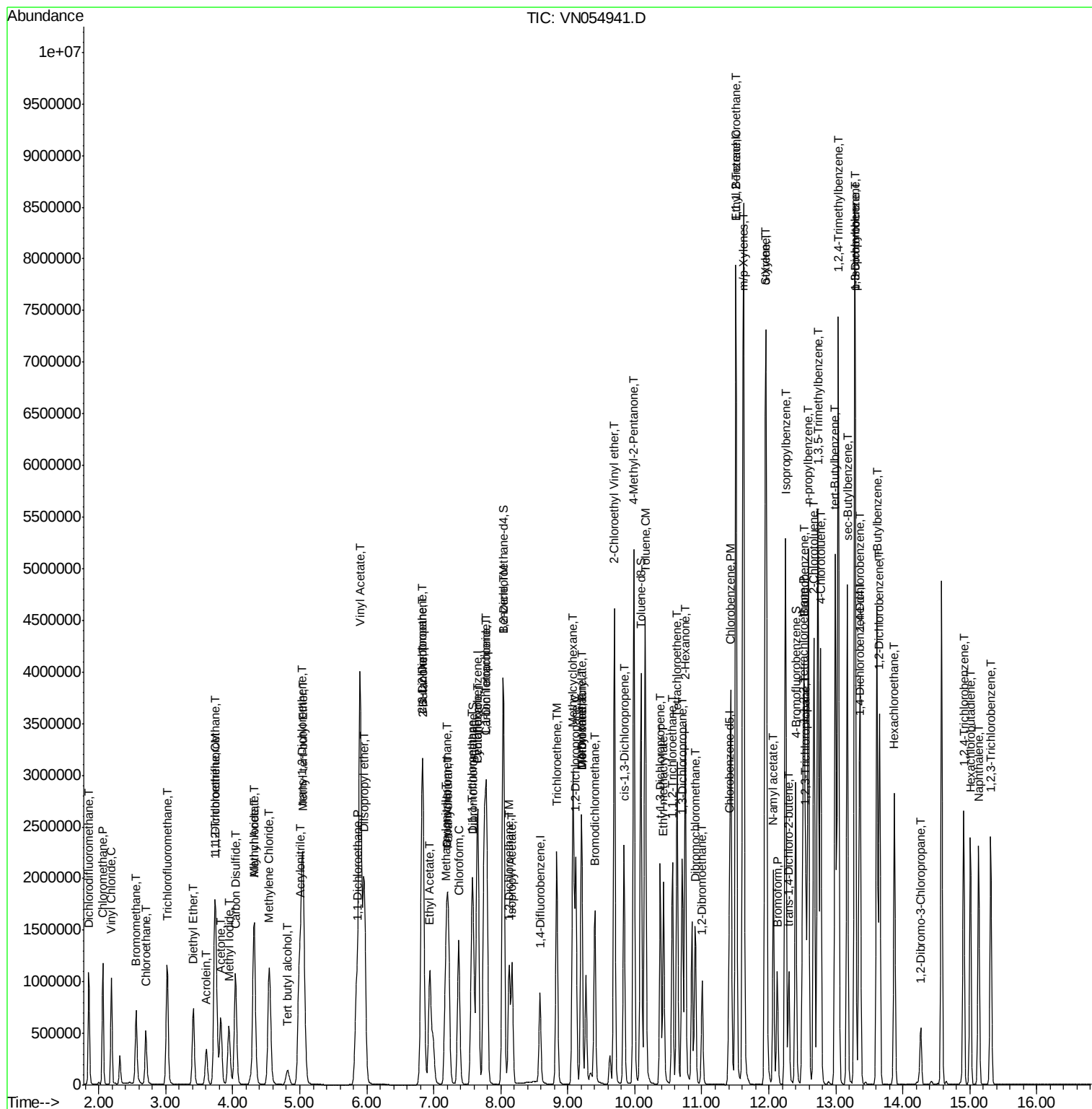
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	886401	183.537	ug/l	99
94) Hexachlorobutadiene	15.01	225	468354	128.960	ug/l	98
95) Naphthalene	15.13	128	1942686	183.315	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	836308	167.761	ug/l	99

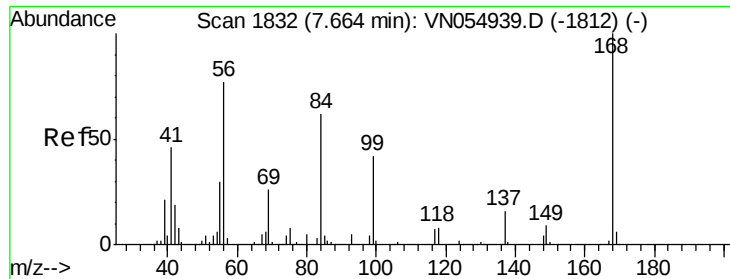
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

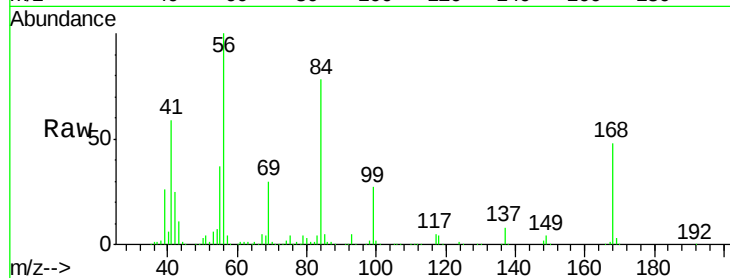
VSTDIC150

Tgt Ion:168 Resp: 473441

Ion Ratio Lower Upper

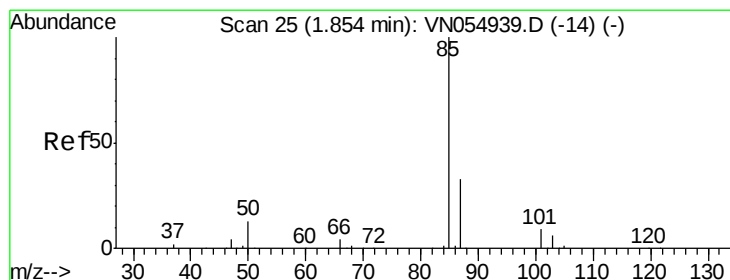
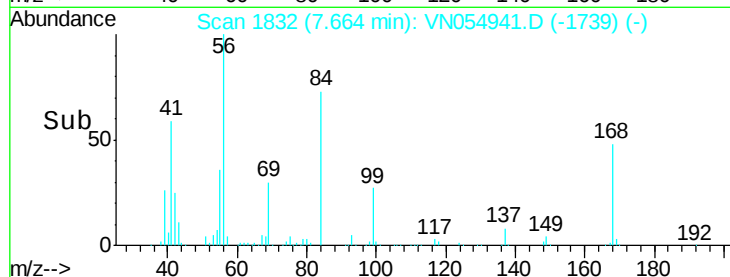
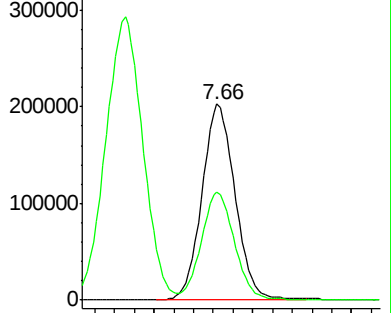
168 100

99 54.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 146.606 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN054941.D

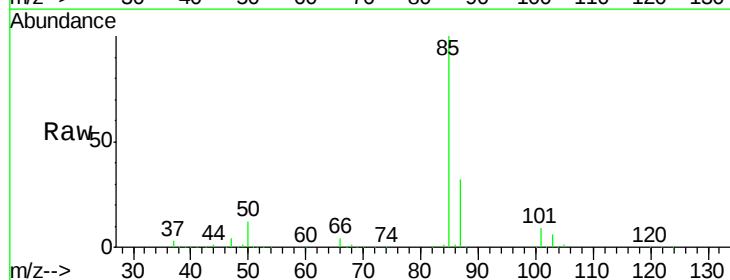
Acq: 4 Apr 2019 11:58

Tgt Ion: 85 Resp: 829966

Ion Ratio Lower Upper

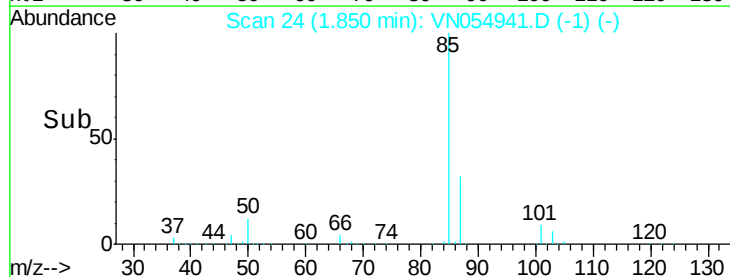
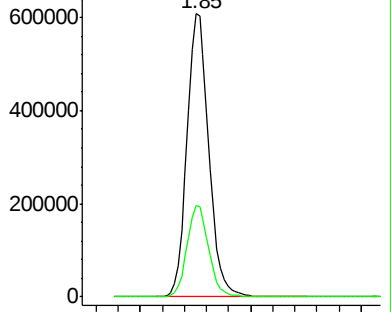
85 100

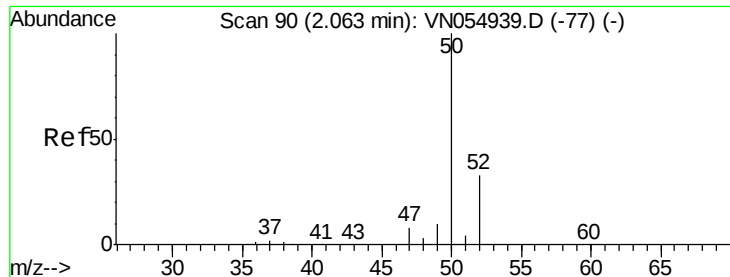
87 32.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 140.711 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

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ClientSampleId :

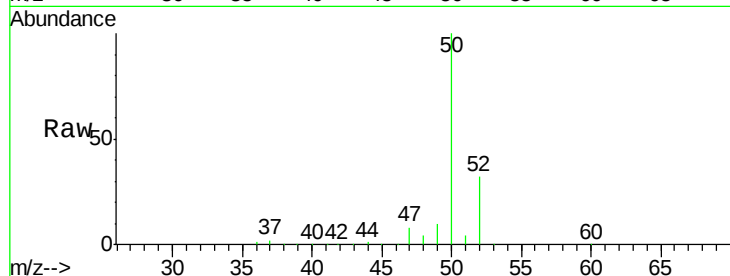
VSTDIC150

Tgt Ion: 50 Resp: 1053223

Ion Ratio Lower Upper

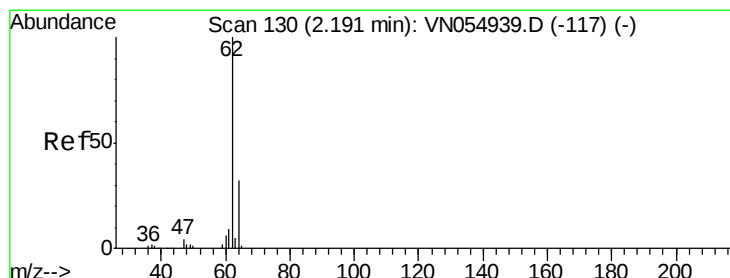
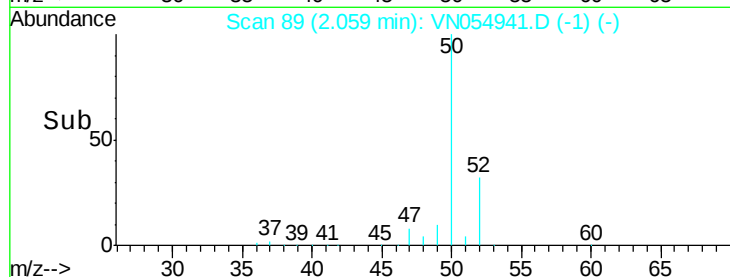
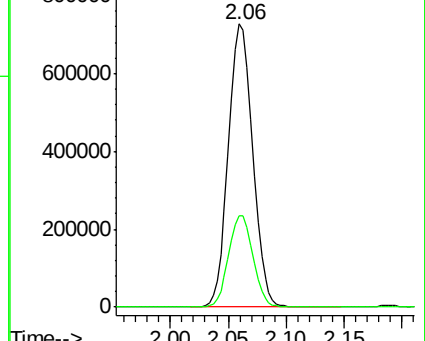
50 100

52 32.4 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: 139.819 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054941.D

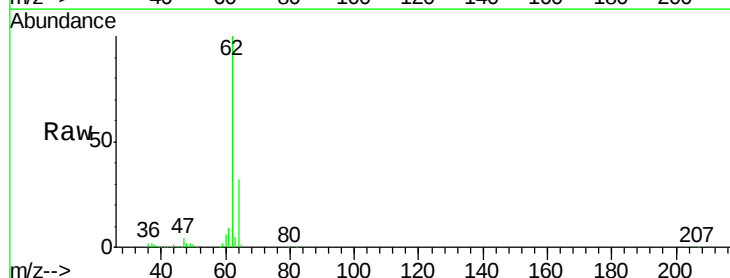
Acq: 4 Apr 2019 11:58

Tgt Ion: 62 Resp: 914391

Ion Ratio Lower Upper

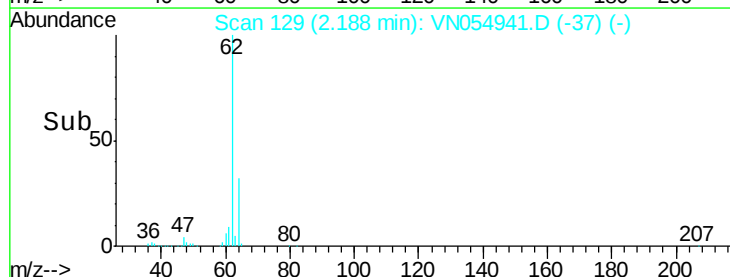
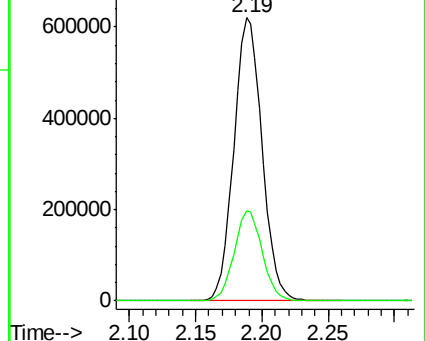
62 100

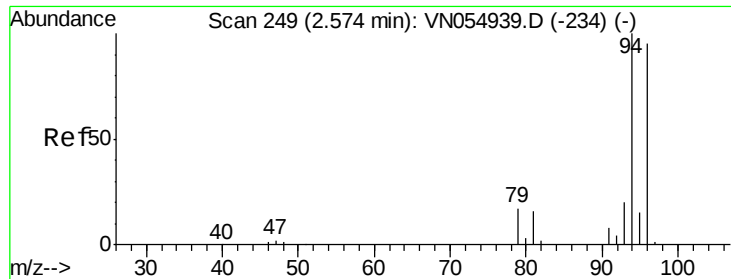
64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

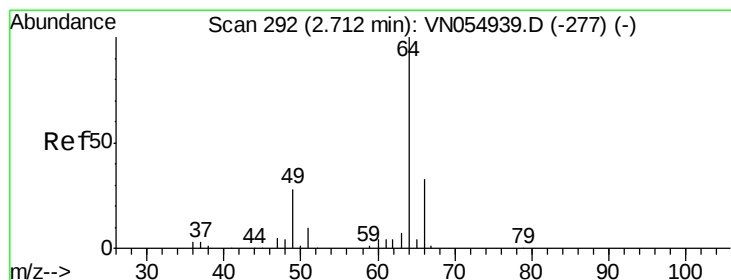
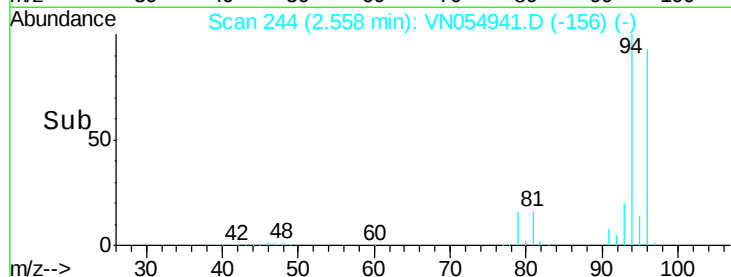
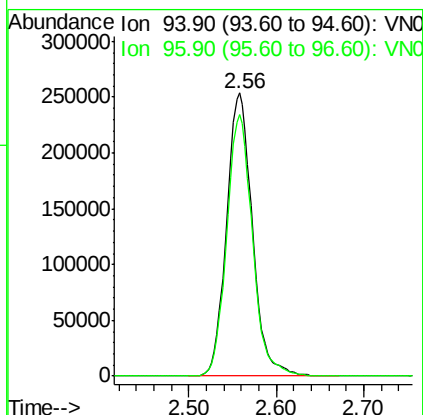
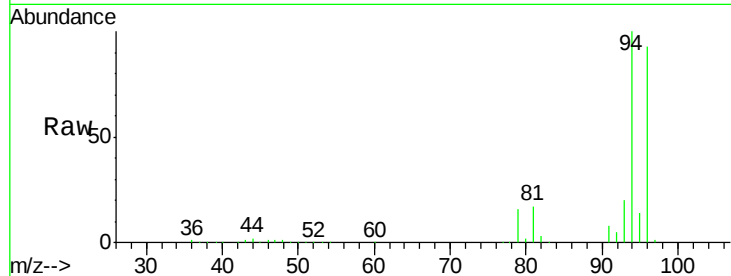




#5
Bromomethane
Concen: 138.935 ug/l
RT: 2.56 min Scan# 244
Delta R.T. -0.02 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

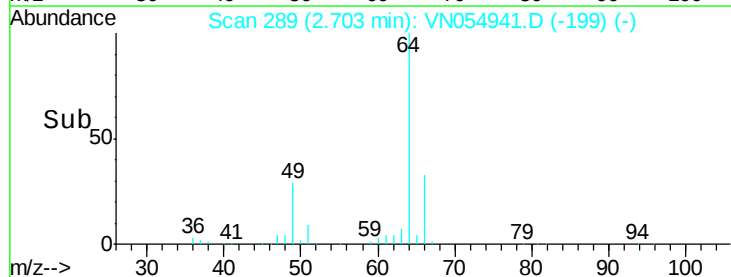
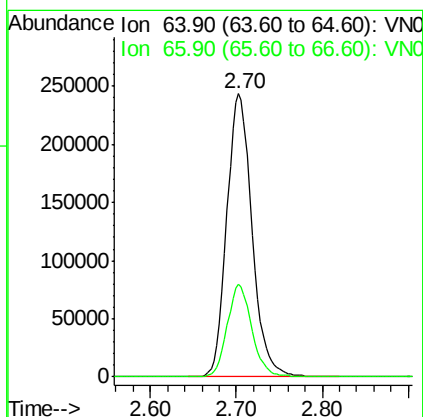
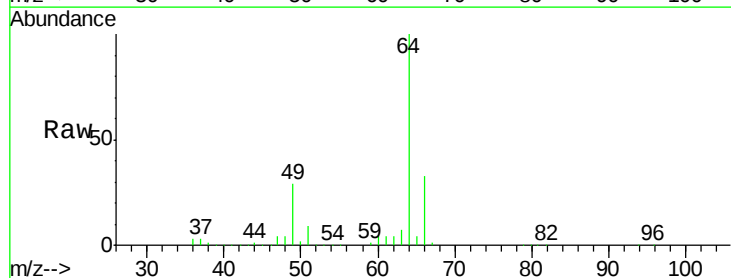
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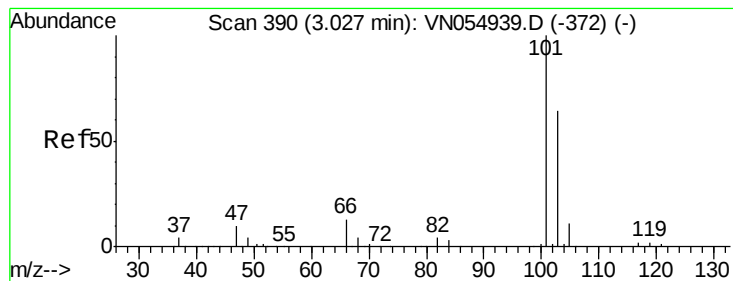
Tgt Ion: 94 Resp: 518657
Ion Ratio Lower Upper
94 100
96 92.5 75.7 113.5



#6
Chloroethane
Concen: 135.877 ug/l
RT: 2.70 min Scan# 289
Delta R.T. -0.01 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion: 64 Resp: 495608
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4



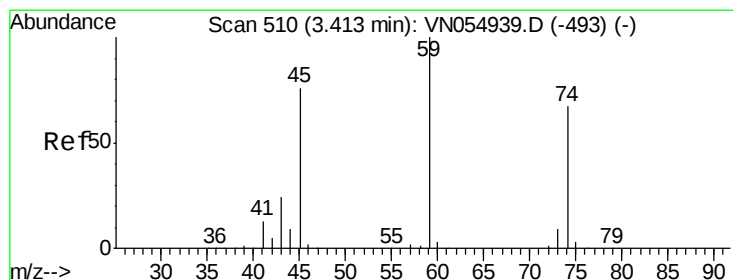
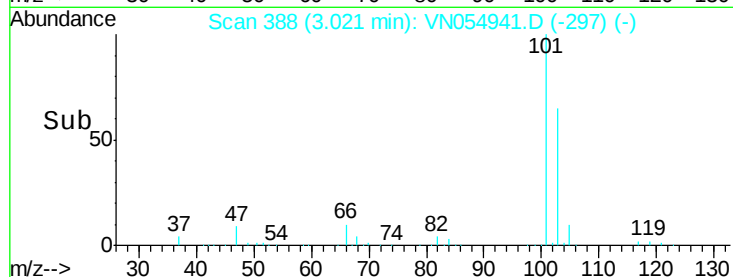
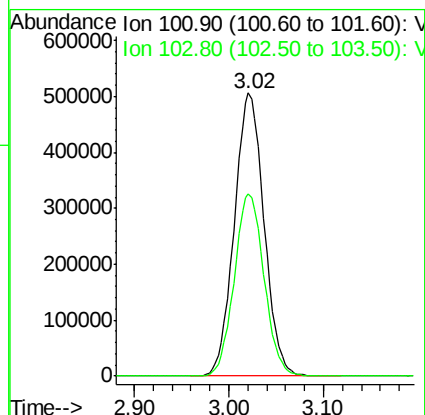
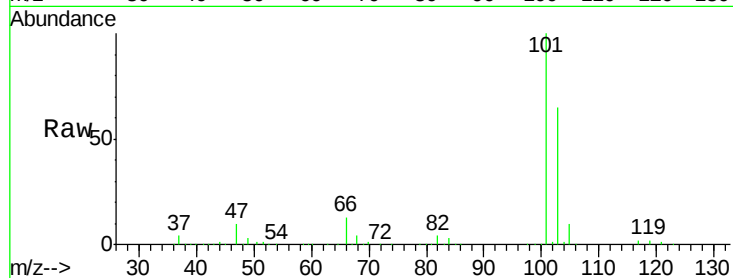


#7

Trichlorofluoromethane
 Concen: 138.954 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

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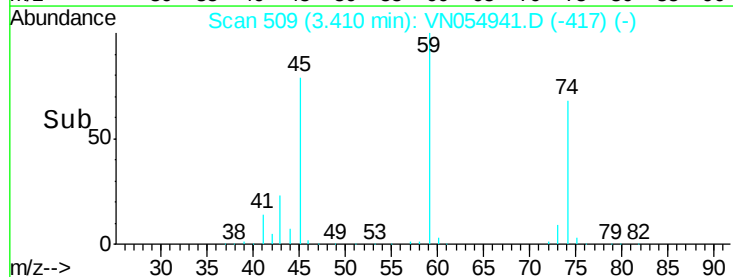
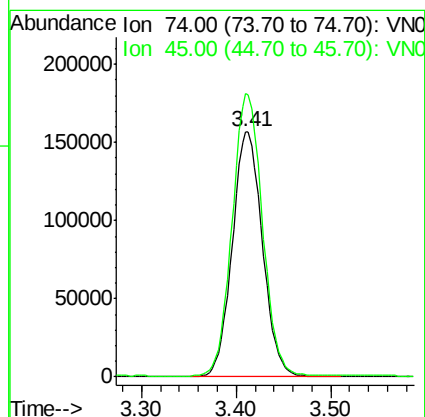
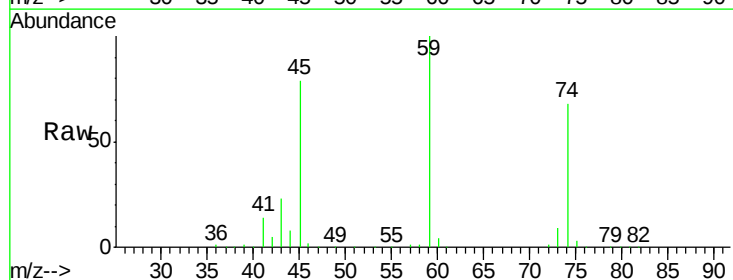
Tgt Ion: 101 Resp: 1103367
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.3 76.9

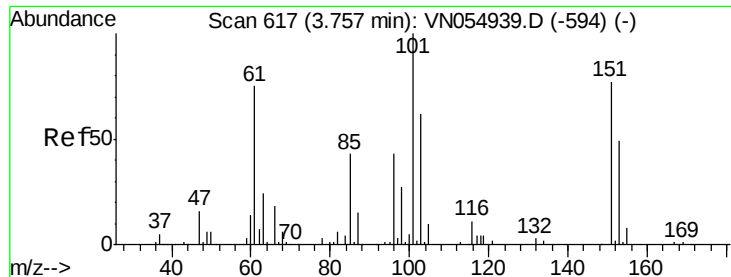


#8

Diethyl Ether
 Concen: 137.388 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion: 74 Resp: 347447
 Ion Ratio Lower Upper
 74 100
 45 115.3 56.3 168.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 134.235 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.01 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

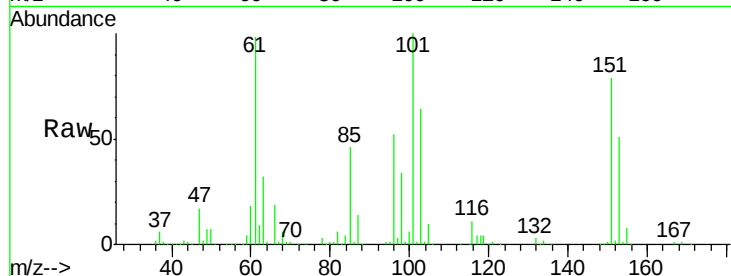
Tgt Ion:101 Resp: 564728

Ion Ratio Lower Upper

101 100

85 45.6 36.2 54.2

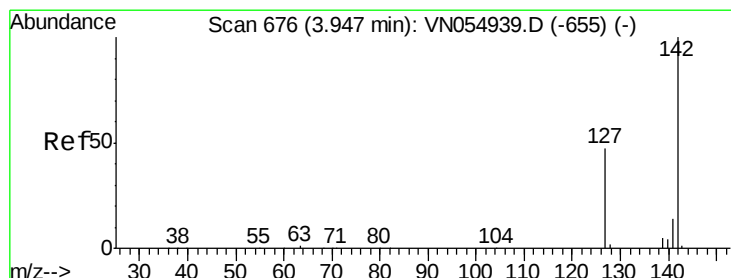
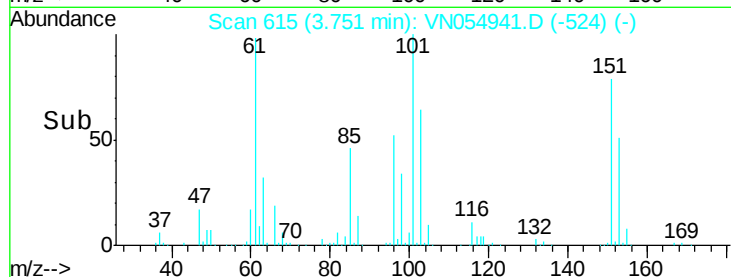
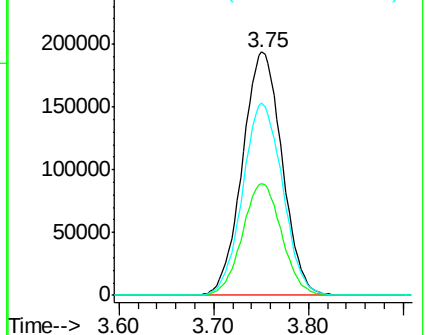
151 79.6 63.4 95.0



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: 149.734 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

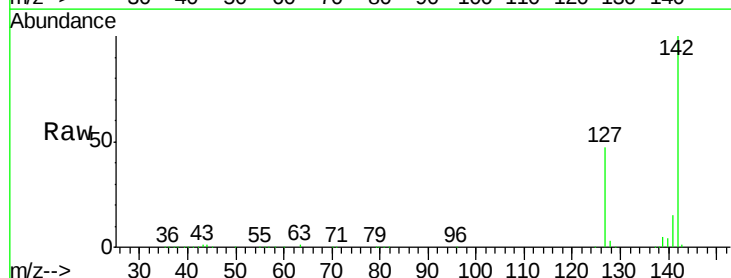
Tgt Ion:142 Resp: 887941

Ion Ratio Lower Upper

142 100

127 46.7 38.0 57.0

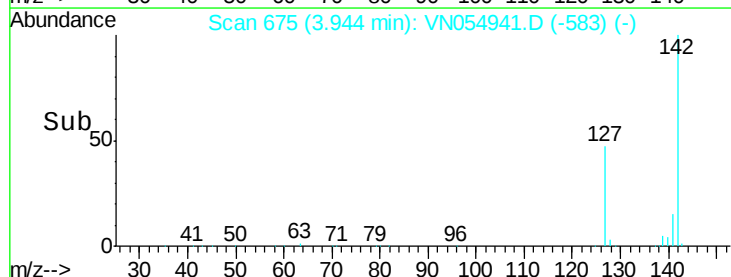
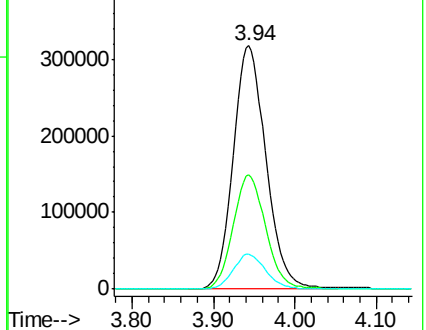
141 14.3 11.7 17.5

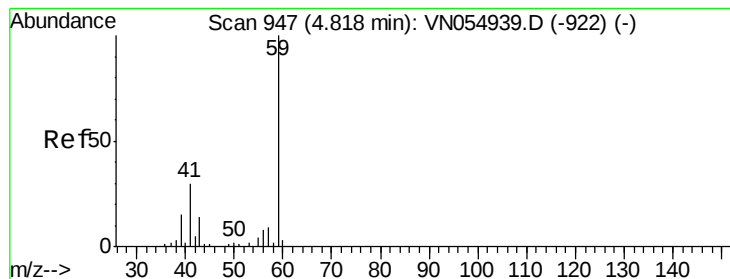


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



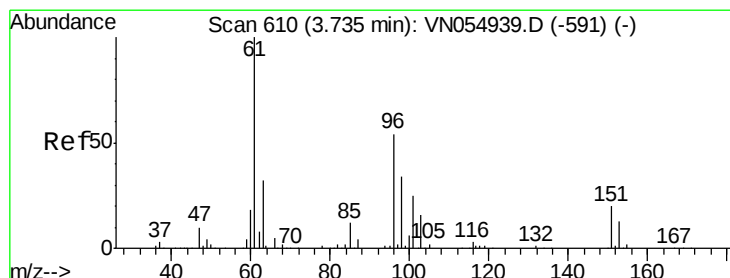
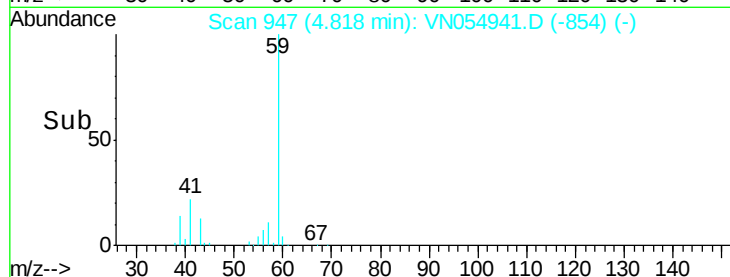
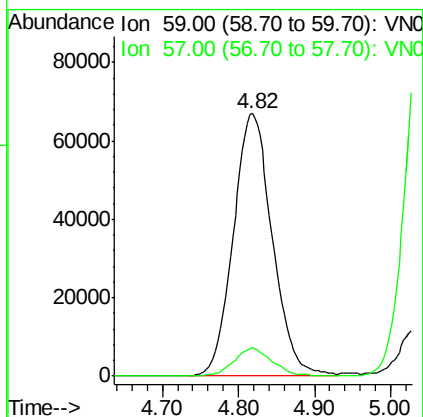
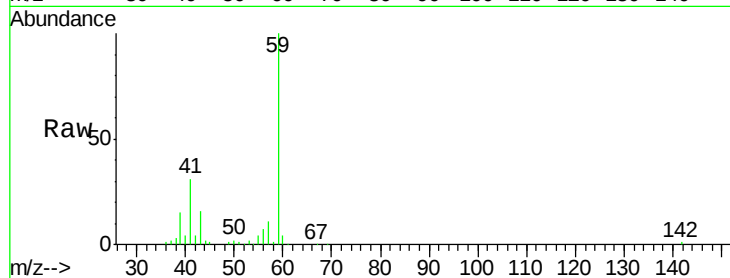


#11

Tert butyl alcohol
 Concen: 738.048 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

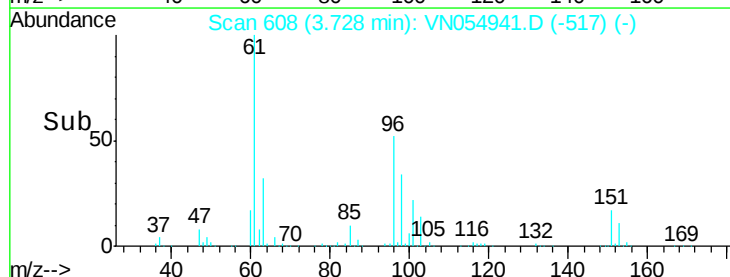
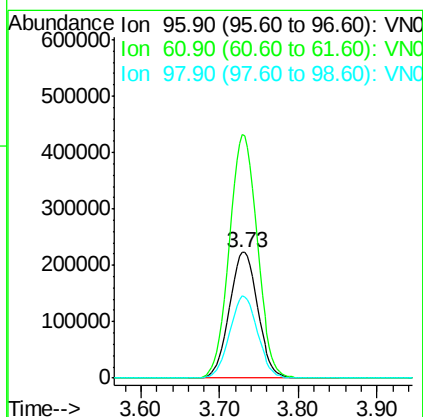
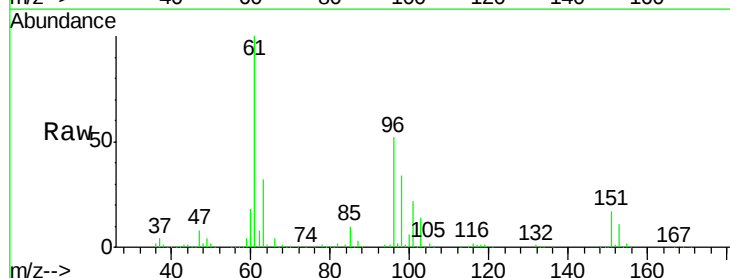
Tgt Ion: 59 Resp: 238424
 Ion Ratio Lower Upper
 59 100
 57 10.5 5.0 7.4#

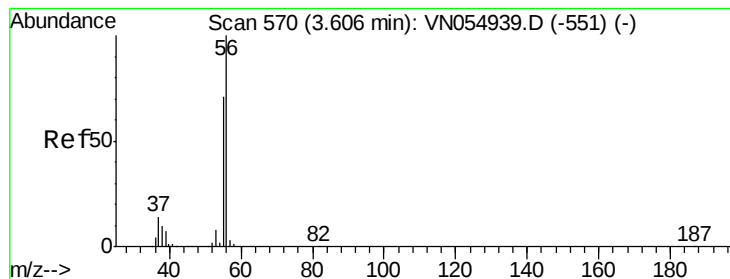


#12

1,1-Dichloroethene
 Concen: 134.278 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion: 96 Resp: 560374
 Ion Ratio Lower Upper
 96 100
 61 193.5 148.2 222.2
 98 65.0 50.2 75.4





#13

Acrolein

Concen: 830.492 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

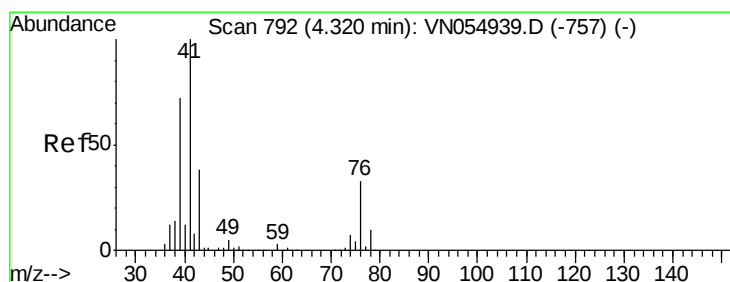
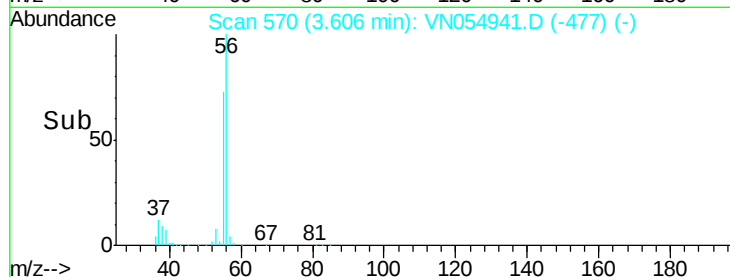
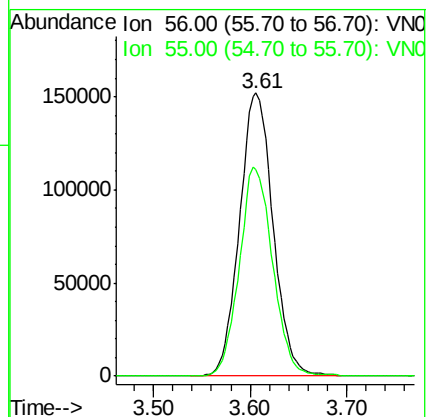
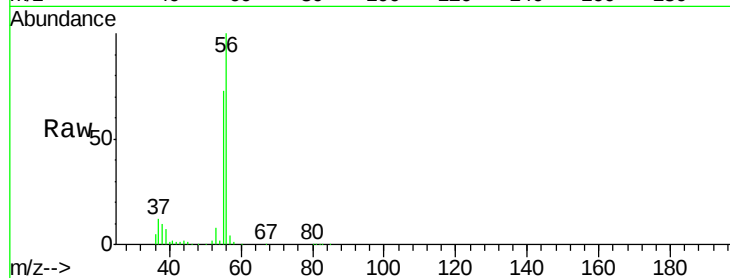
VSTDIC150

Tgt Ion: 56 Resp: 366894

Ion Ratio Lower Upper

56 100

55 73.0 58.6 87.8



#14

Allyl chloride

Concen: 150.417 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

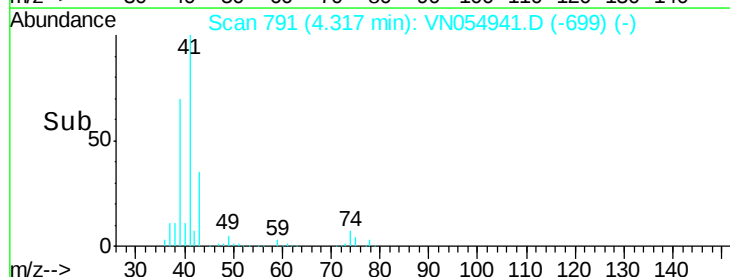
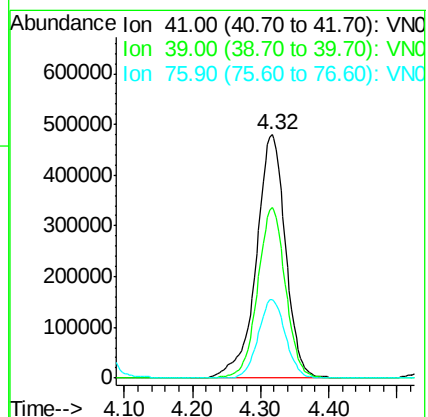
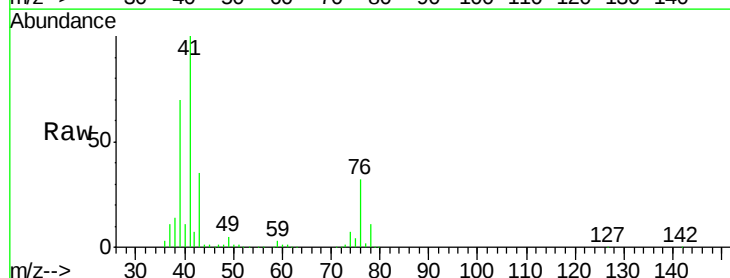
Tgt Ion: 41 Resp: 1424150

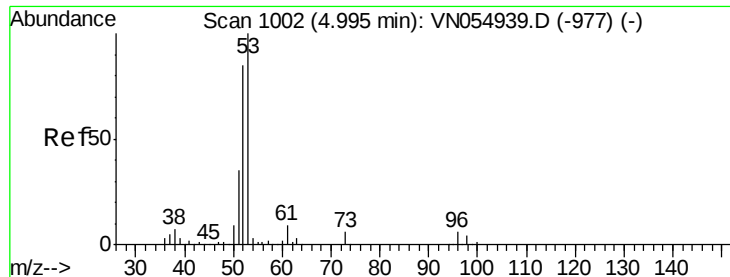
Ion Ratio Lower Upper

41 100

39 66.7 55.4 83.2

76 30.0 23.8 35.8





#15

Acrylonitrile

Concen: 722.059 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

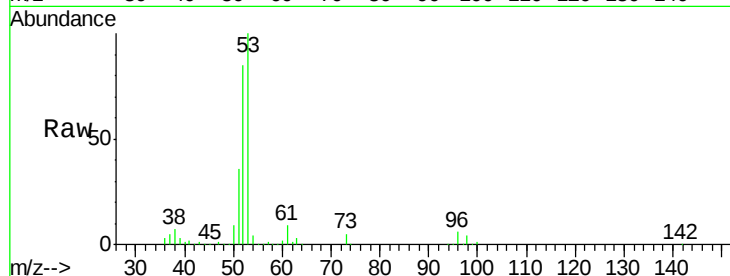
Tgt Ion: 53 Resp: 1394765

Ion Ratio Lower Upper

53 100

52 83.6 66.4 99.6

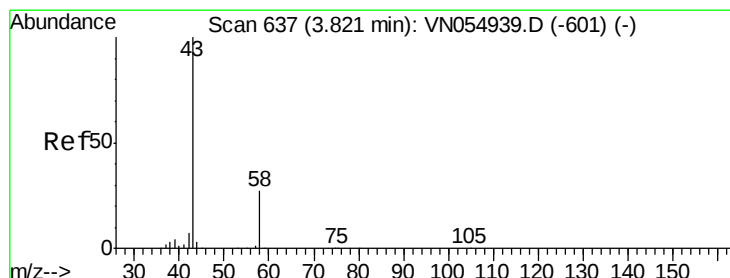
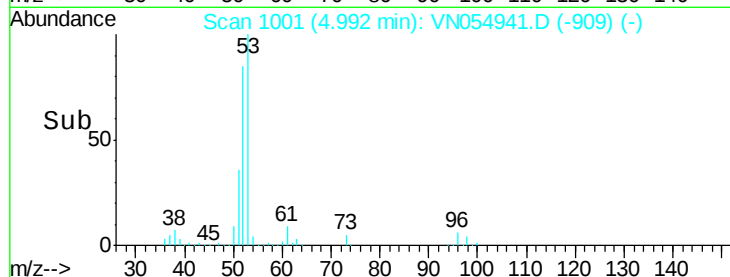
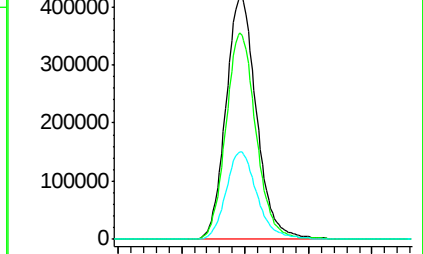
51 36.8 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN054939.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN054939.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN054939.D (-977) (-)



#16

Acetone

Concen: 629.186 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054941.D

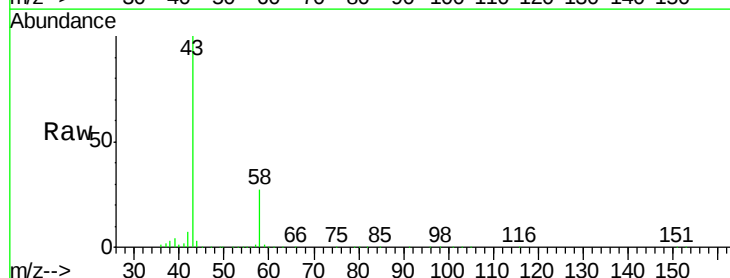
Acq: 4 Apr 2019 11:58

Tgt Ion: 43 Resp: 1067430

Ion Ratio Lower Upper

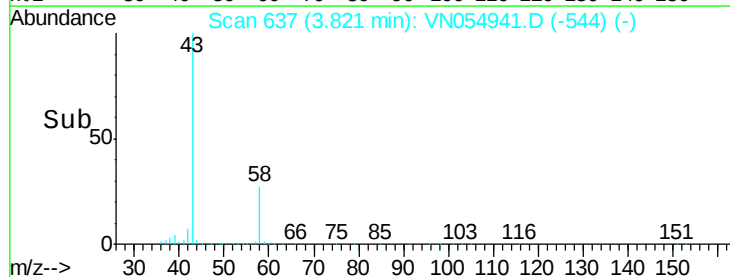
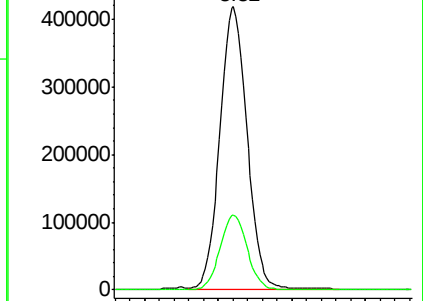
43 100

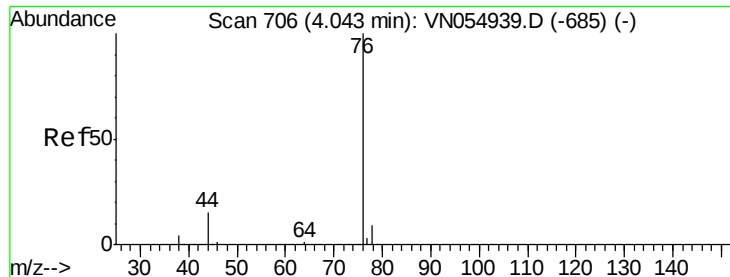
58 26.7 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VN054939.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN054939.D (-601) (-)

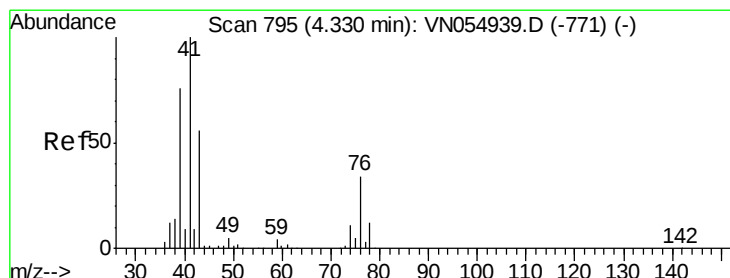
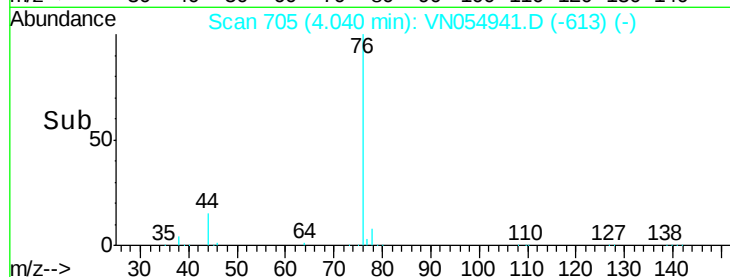
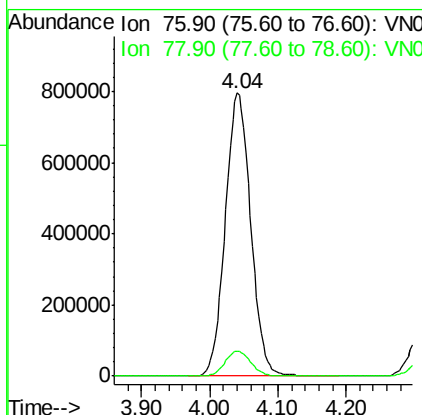
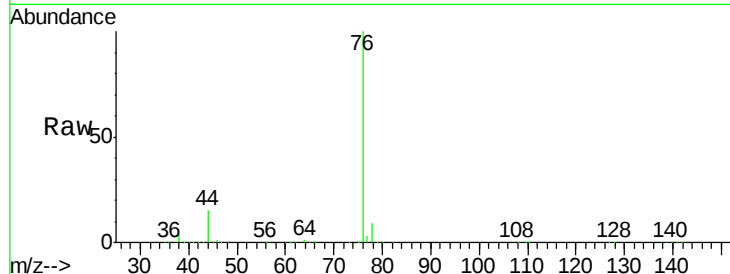




#17
Carbon Disulfide
Concen: 154.801 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

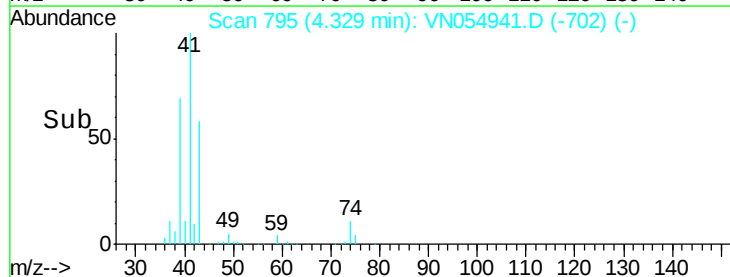
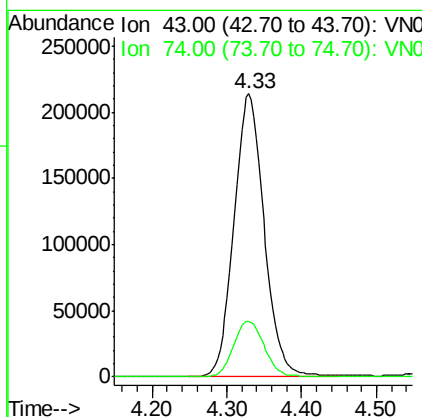
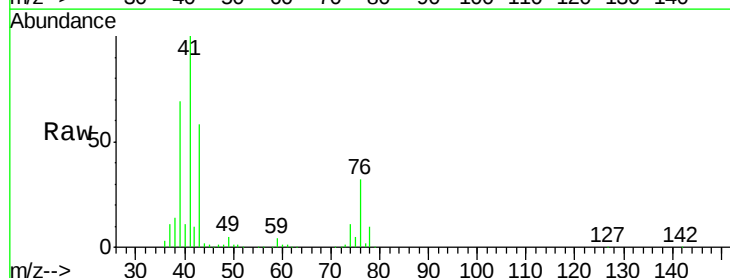
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

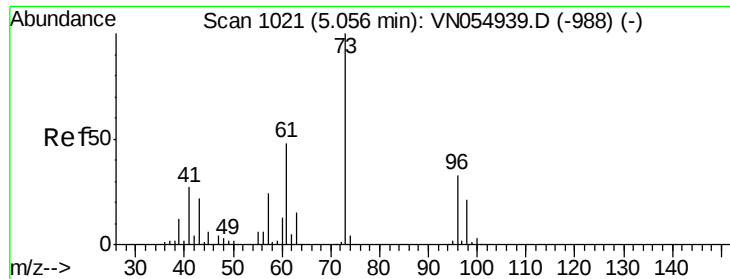
Tgt Ion: 76 Resp: 2056390
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 128.533 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion: 43 Resp: 597119
Ion Ratio Lower Upper
43 100
74 20.2 16.4 24.6

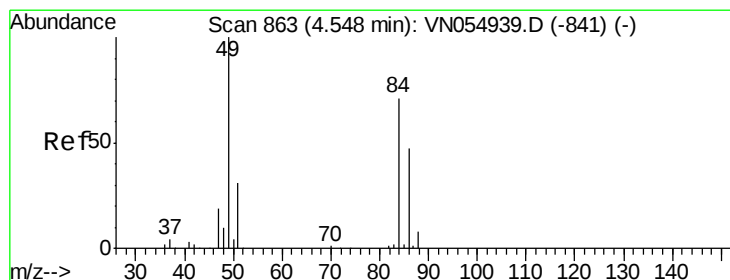
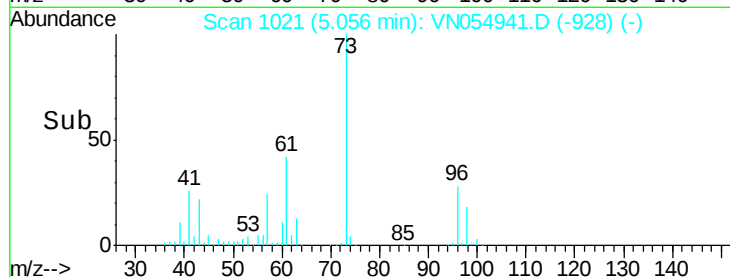
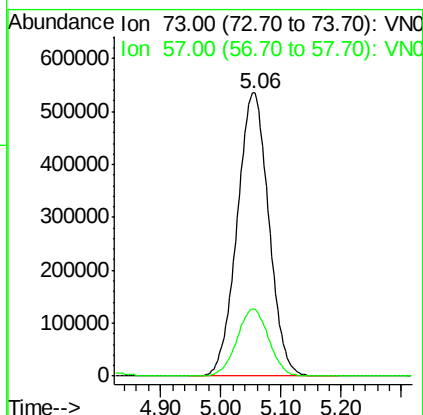
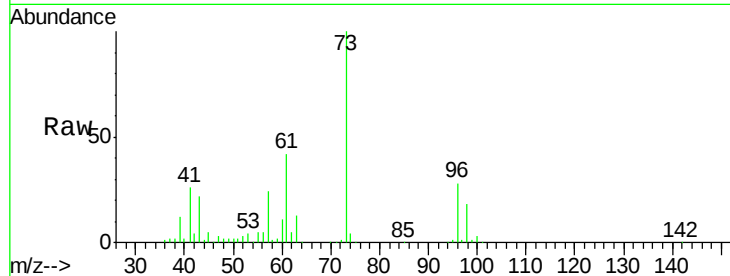




#19
Methyl tert-butyl Ether
Concen: 145.261 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

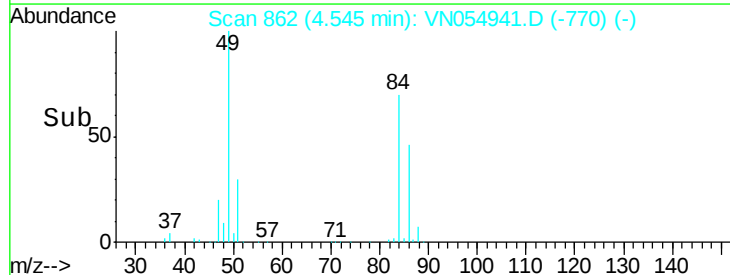
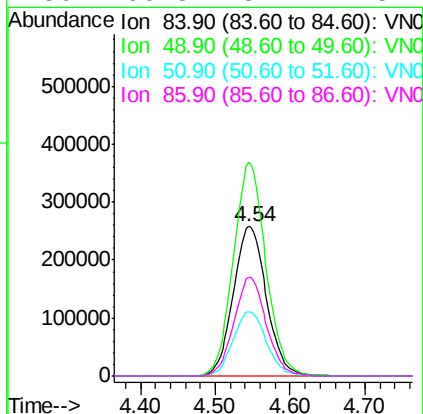
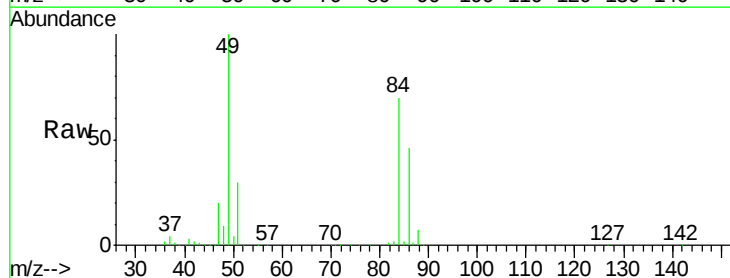
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

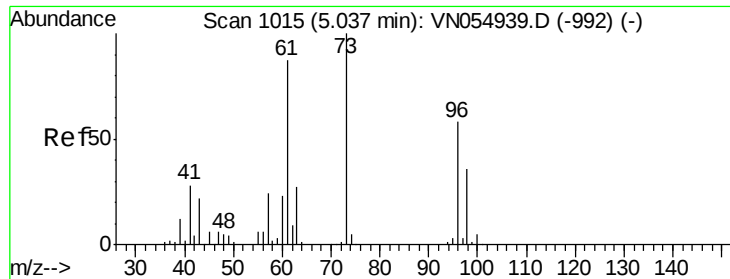
Tgt Ion: 73 Resp: 1966275
Ion Ratio Lower Upper
73 100
57 23.7 19.5 29.3



#20
Methylene Chloride
Concen: 136.856 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion: 84 Resp: 792867
Ion Ratio Lower Upper
84 100
49 142.9 112.1 168.1
51 43.2 34.5 51.7
86 66.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 143.518 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

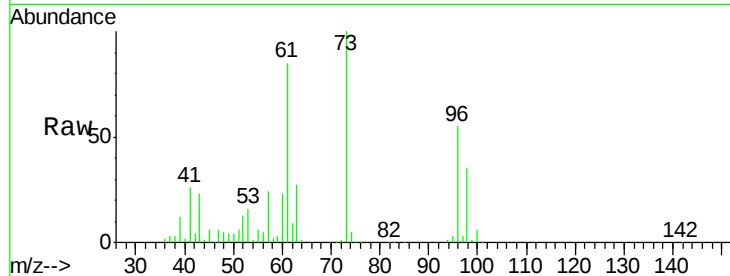
Tgt Ion: 96 Resp: 746643

Ion Ratio Lower Upper

96 100

61 153.4 120.1 180.1

98 62.6 49.3 73.9

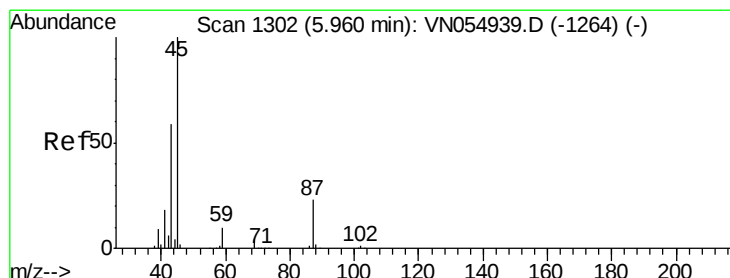
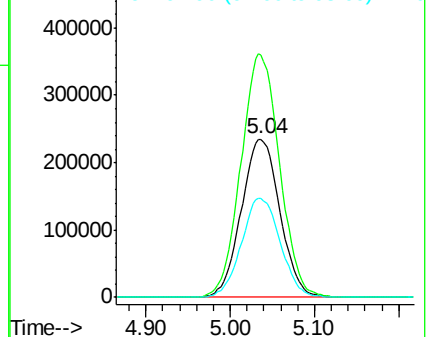
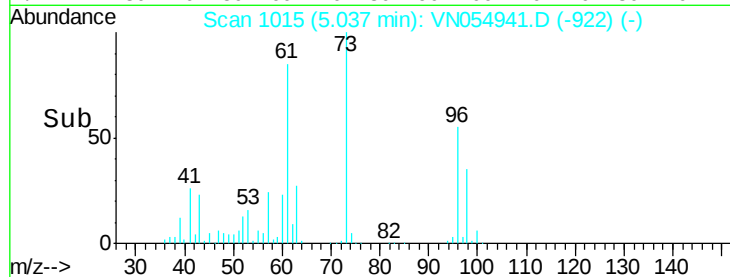


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 147.252 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Tgt Ion: 45 Resp: 2801088

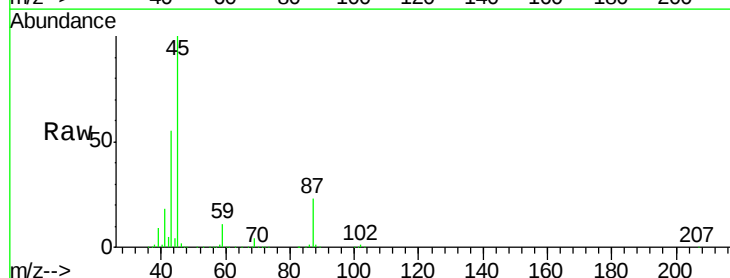
Ion Ratio Lower Upper

45 100

43 55.0 46.9 70.3

87 23.0 18.6 28.0

59 10.5 8.5 12.7



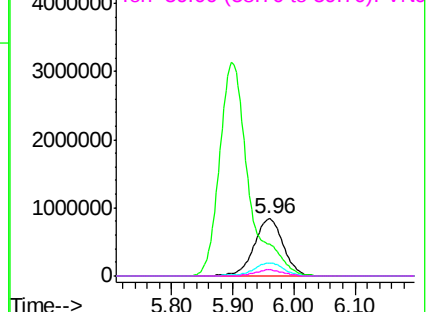
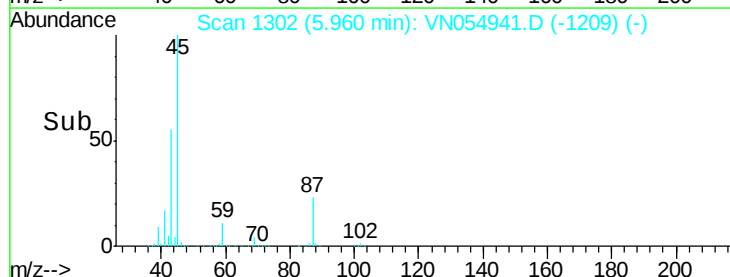
Abundance

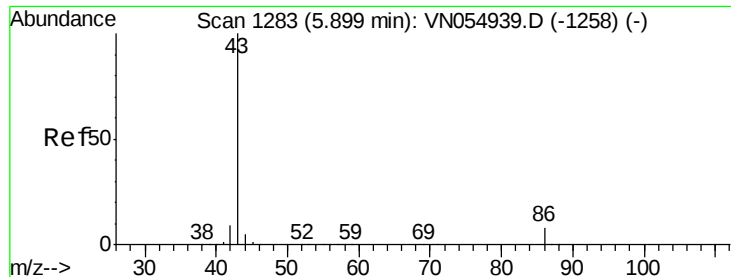
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC

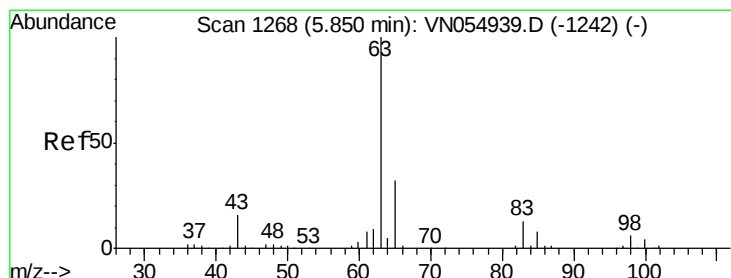
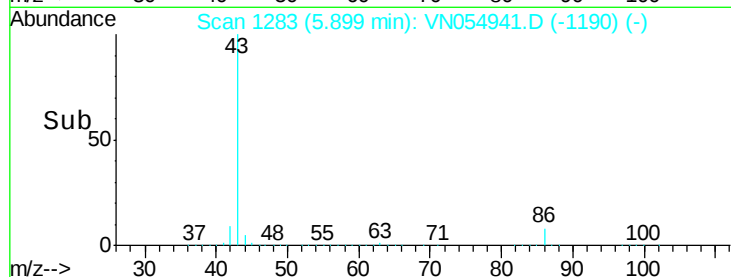
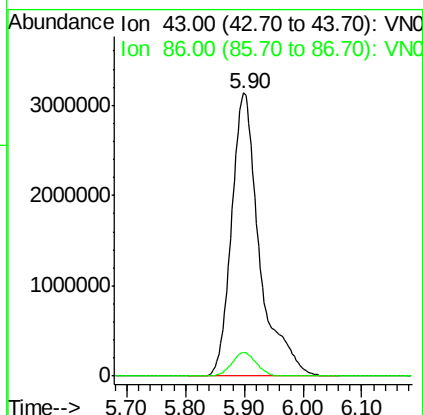
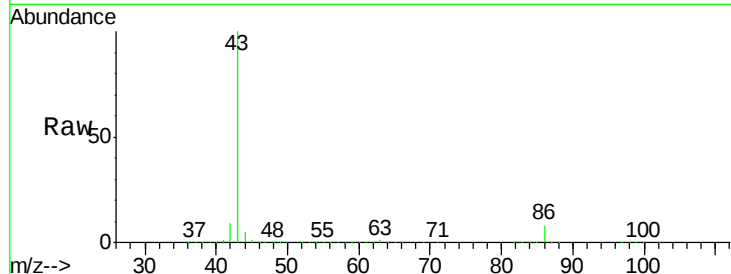




#23
 Vinyl Acetate
 Concen: 787.393 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

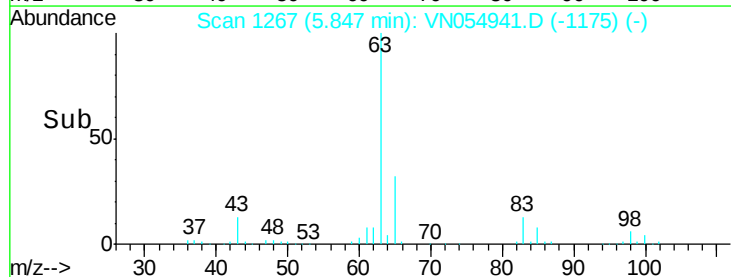
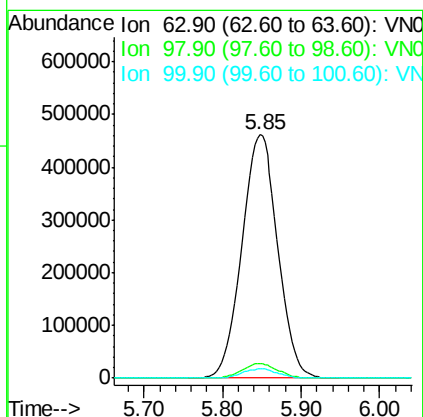
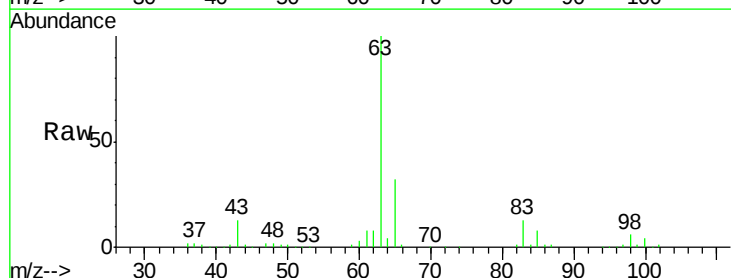
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

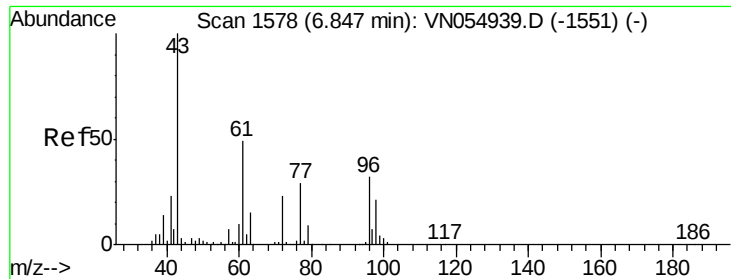
Tgt Ion: 43 Resp:10422446
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 142.333 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion: 63 Resp: 1476489
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.7
 100 3.9 2.1 6.2





#25

2-Butanone

Concen: 749.980 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

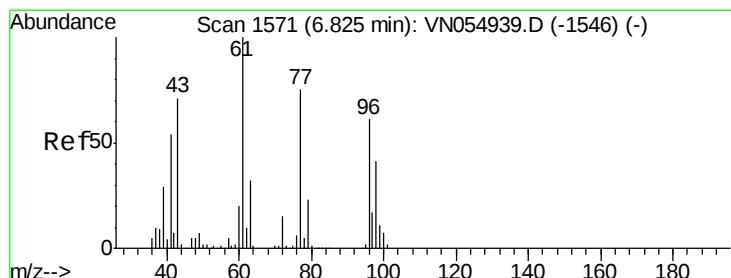
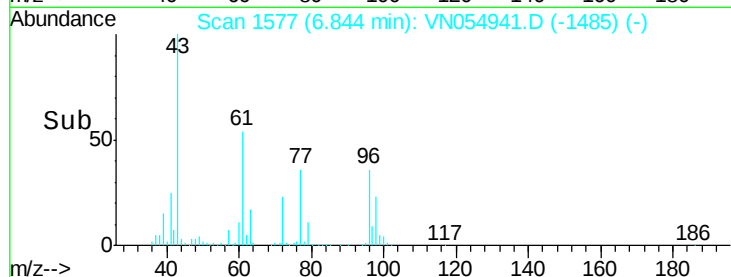
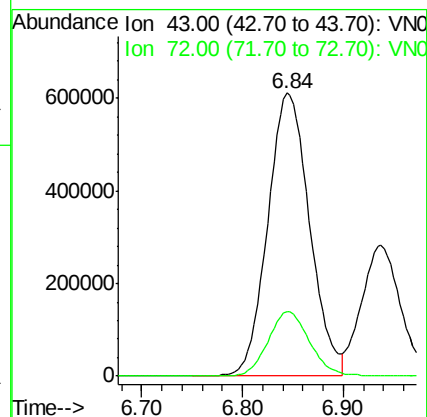
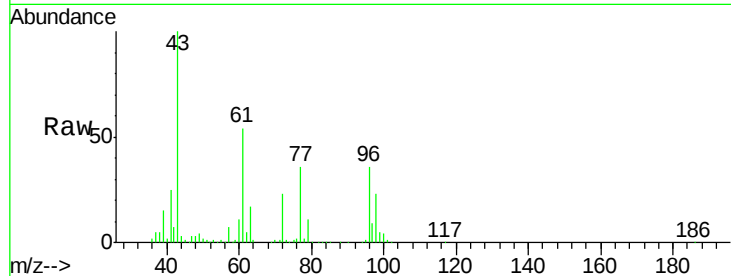
VSTDIC150

Tgt Ion: 43 Resp: 1757884

Ion Ratio Lower Upper

43 100

72 23.0 18.3 27.5



#26

2,2-Dichloropropane

Concen: 148.147 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN054941.D

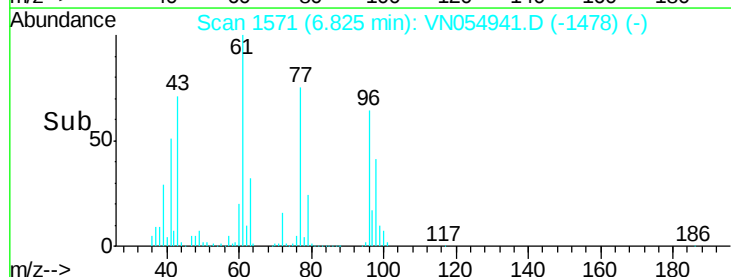
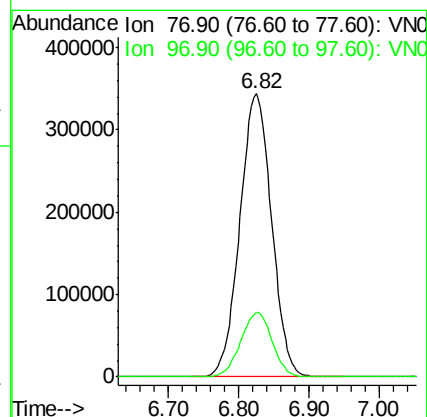
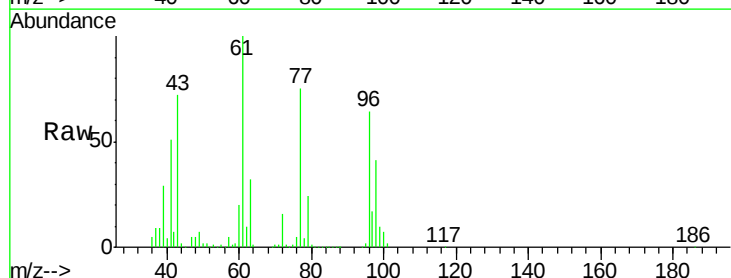
Acq: 4 Apr 2019 11:58

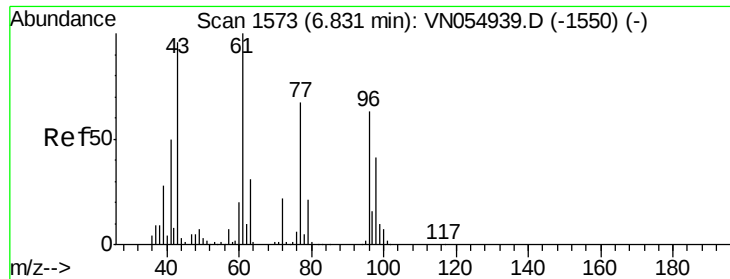
Tgt Ion: 77 Resp: 1077322

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 144.759 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

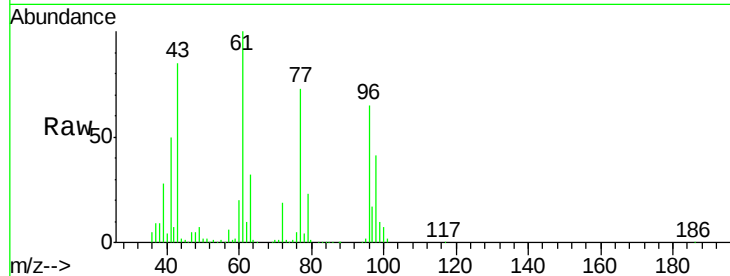
Tgt Ion: 96 Resp: 855877

Ion Ratio Lower Upper

96 100

61 157.2 0.0 316.2

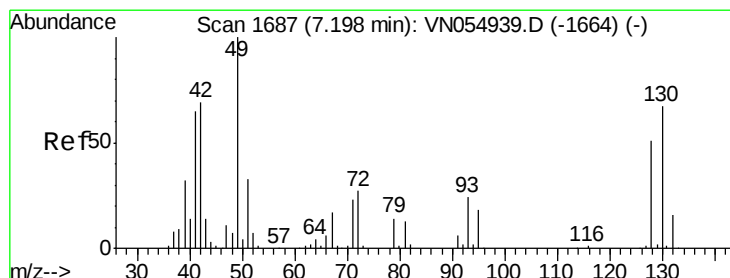
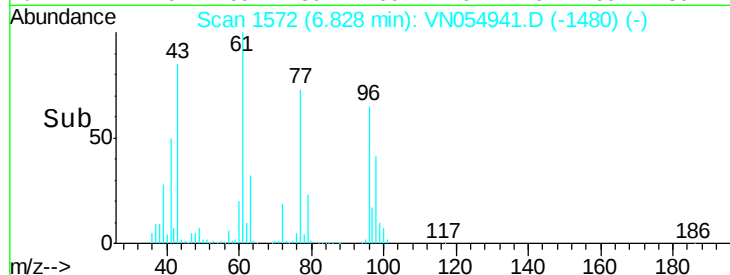
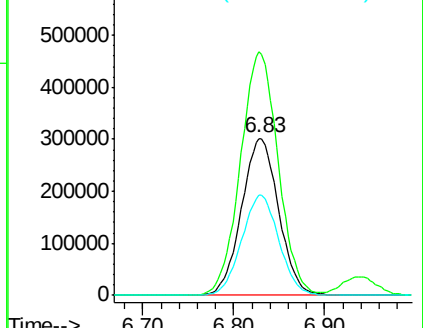
98 64.3 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN054941.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN054941.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN054941.D (-1480) (-)



#28

Bromochloromethane

Concen: 141.795 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

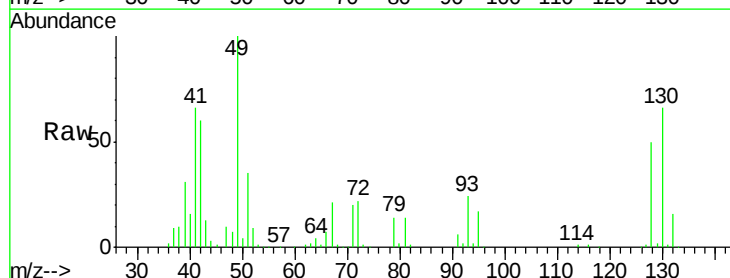
Tgt Ion: 49 Resp: 689083

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

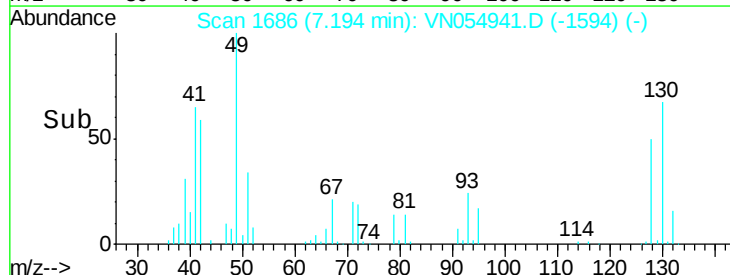
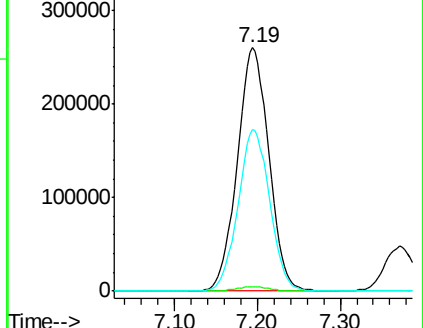
130 66.6 53.1 79.7

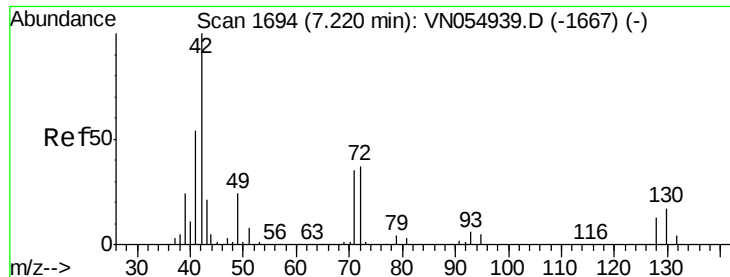


Abundance Ion 48.90 (48.60 to 49.60): VN054941.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN054941.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN054941.D (-1594) (-)

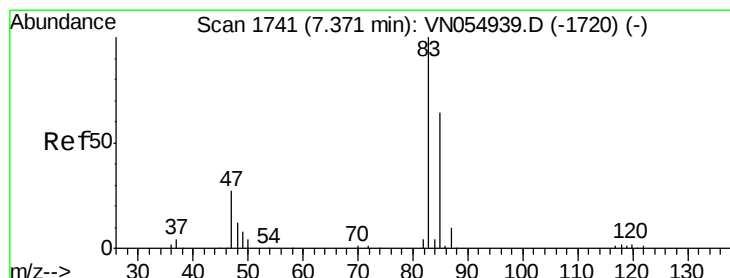
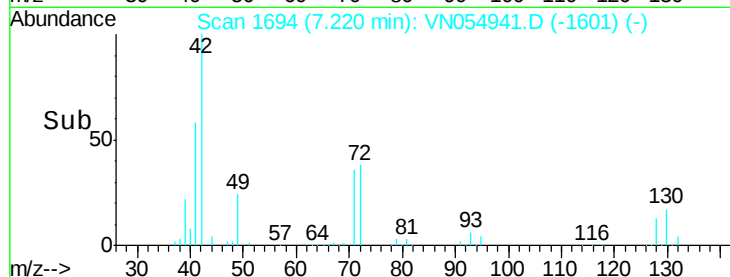
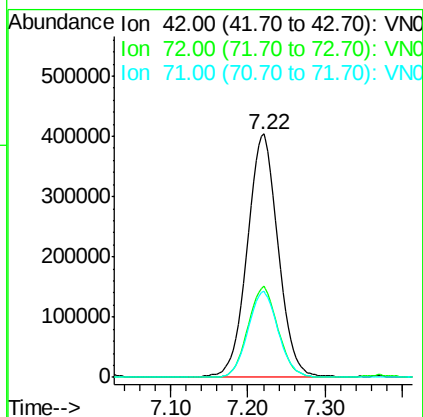
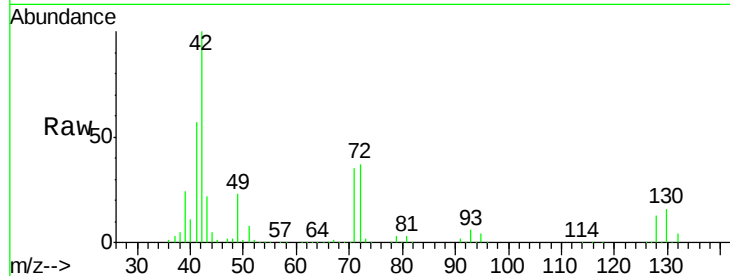




#29
Tetrahydrofuran
Concen: 731.252 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

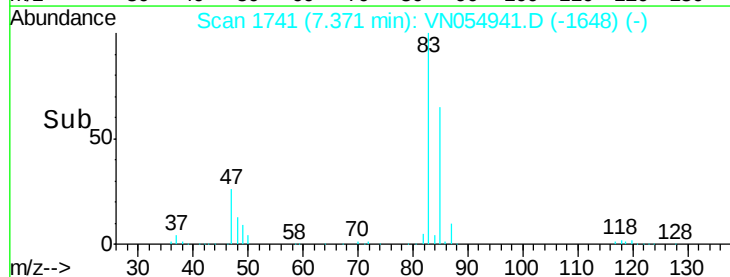
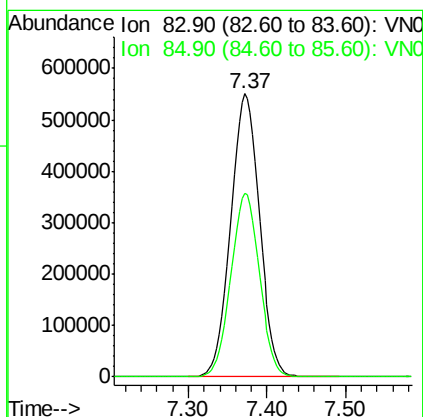
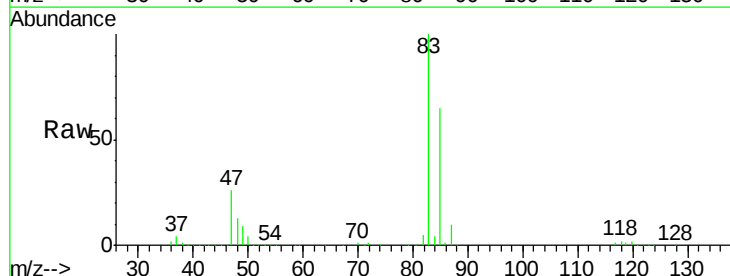
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

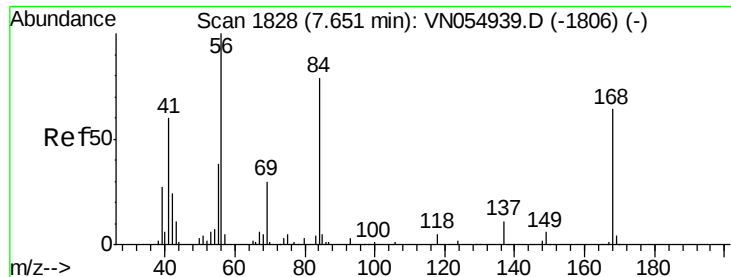
Tgt Ion: 42 Resp: 1123436
Ion Ratio Lower Upper
42 100
72 36.4 29.3 43.9
71 34.8 27.8 41.6



#30
Chloroform
Concen: 142.843 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion: 83 Resp: 1404308
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.0





#31

Cyclohexane

Concen: 120.714 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

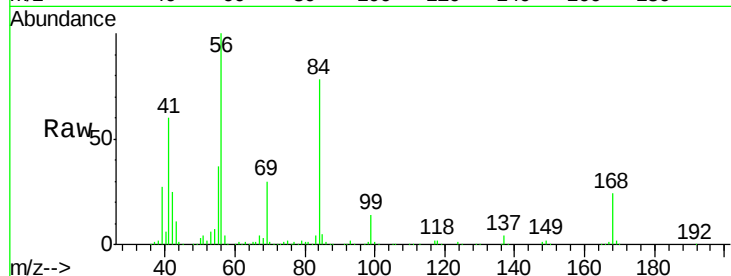
MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 1429847

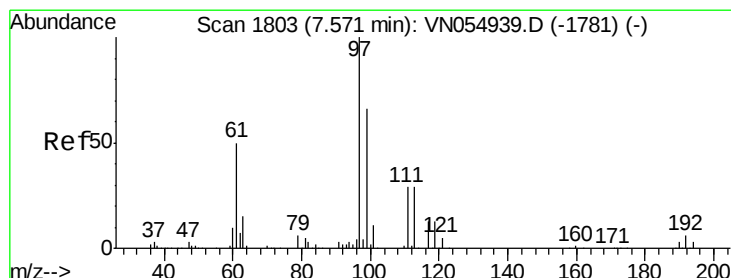
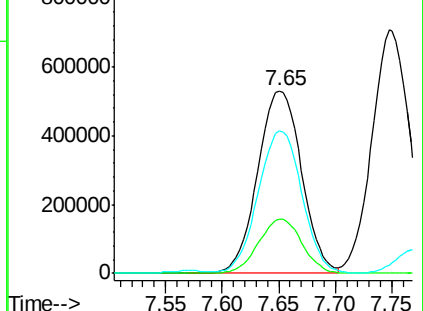
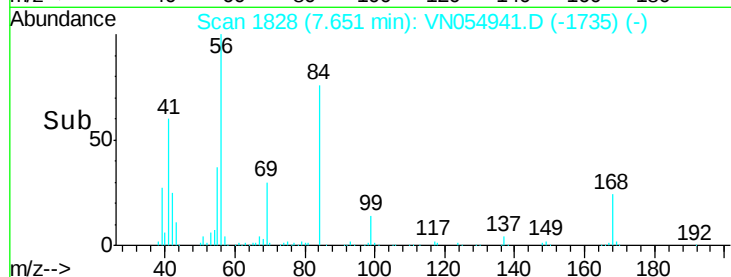
Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.8	35.6
84	76.8	61.8	92.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 145.635 ug/l

RT: 7.57 min Scan# 1803

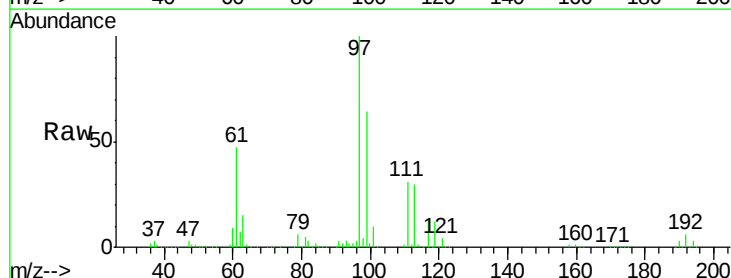
Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Tgt Ion: 97 Resp: 1208197

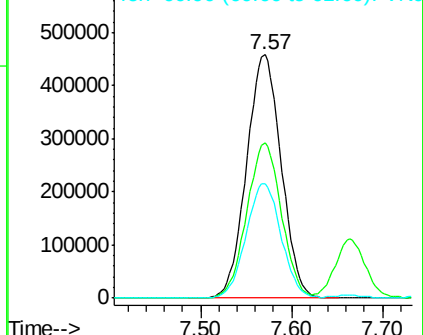
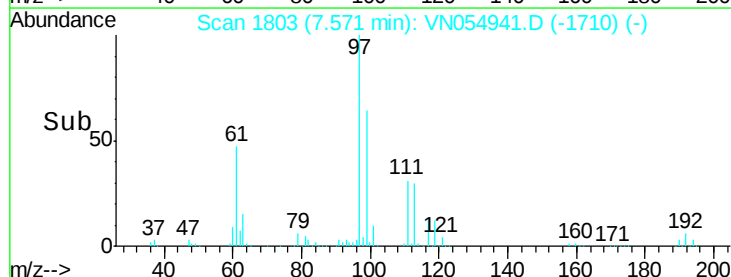
Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.1	78.1
61	47.6	39.6	59.4

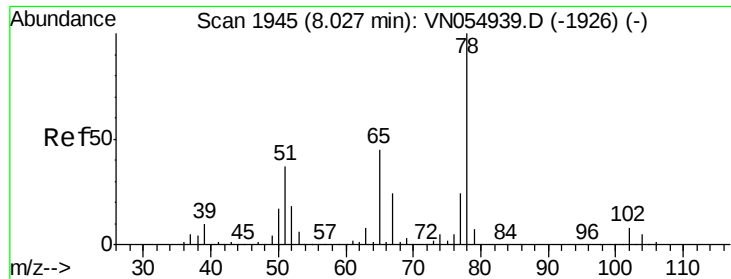


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

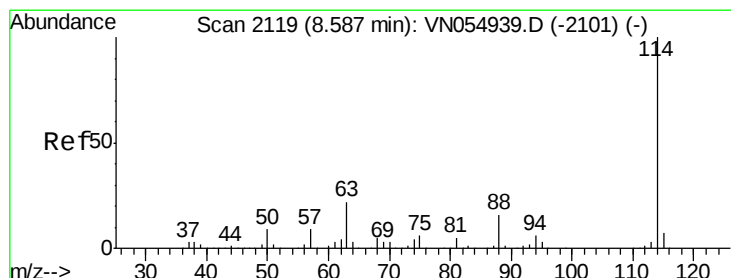
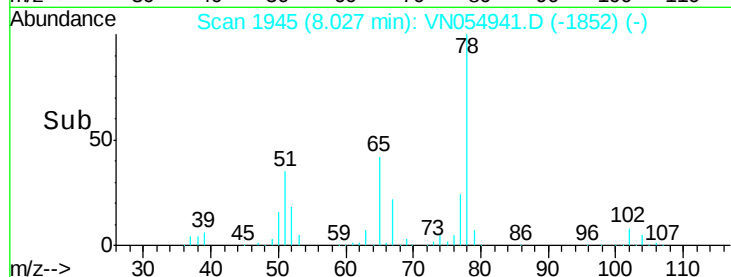
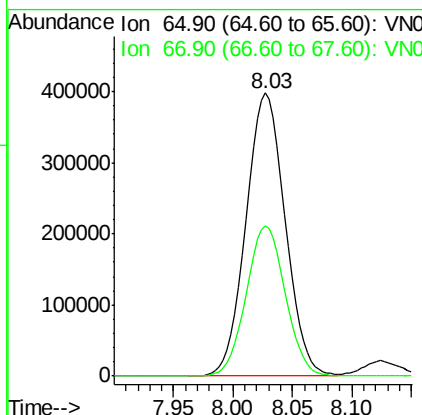
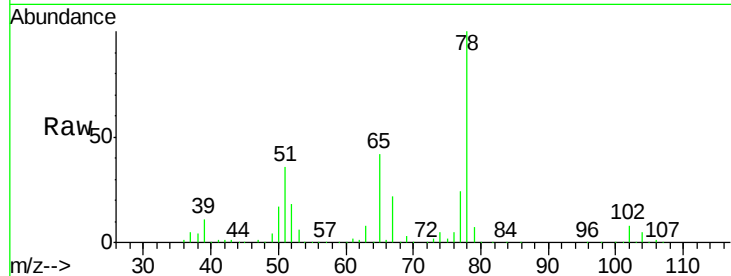




#33
 1,2-Dichloroethane-d4
 Concen: 145.698 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

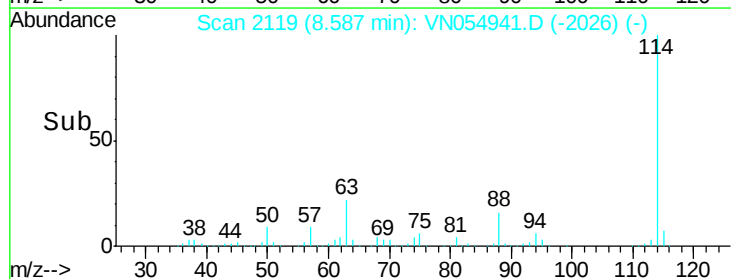
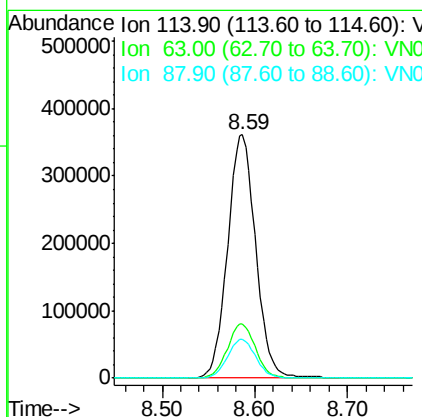
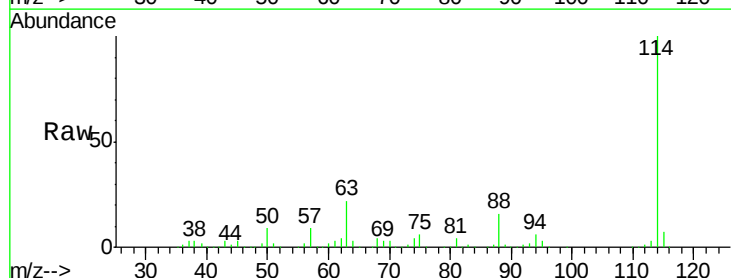
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

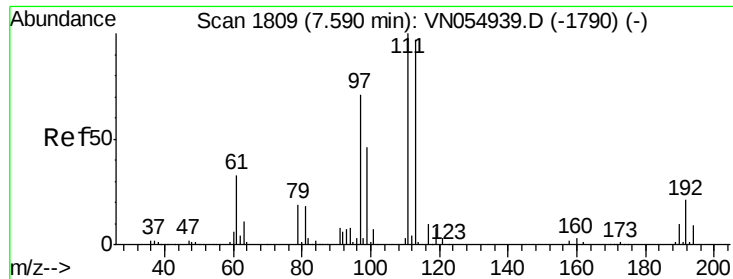
Tgt Ion: 65 Resp: 909470
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion: 114 Resp: 758888
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.6
 88 15.8 0.0 32.0

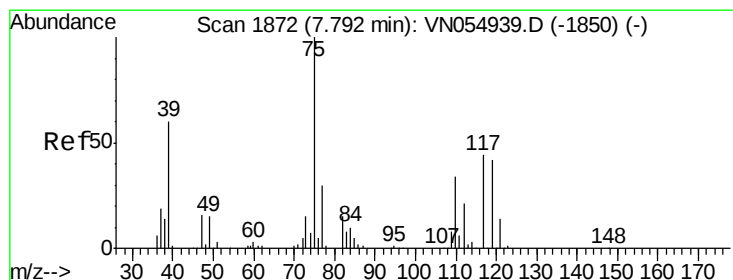
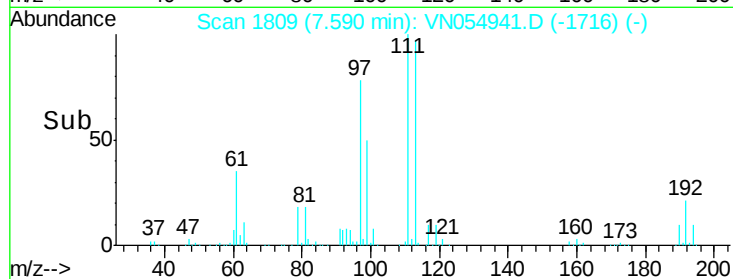
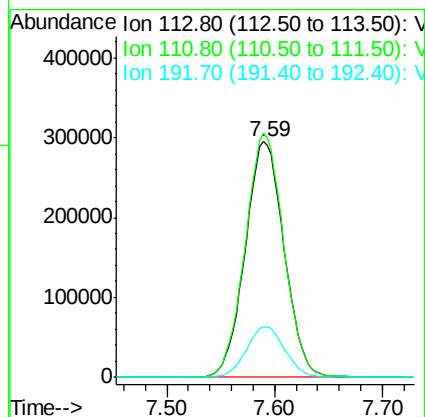
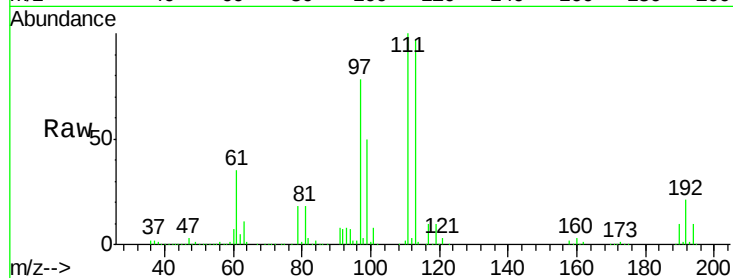




#35
 Dibromofluoromethane
 Concen: 149.760 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

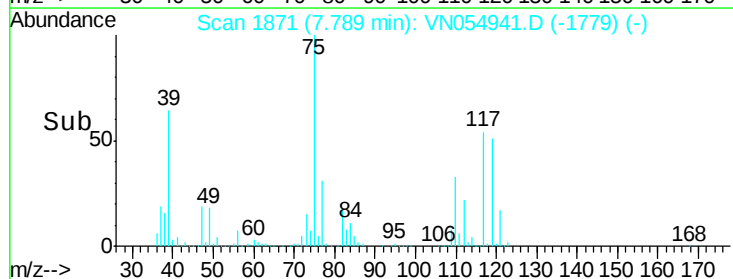
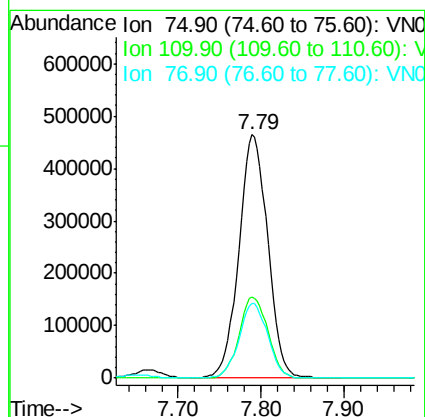
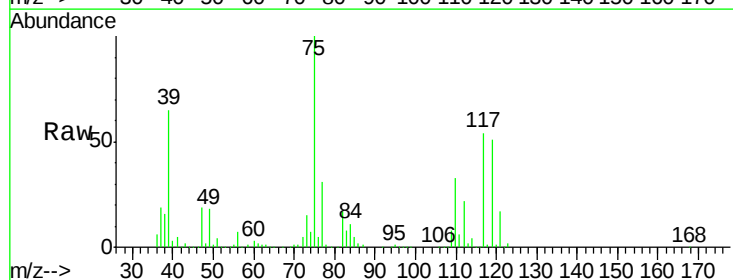
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

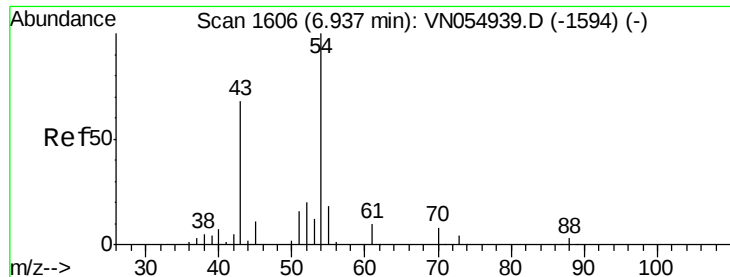
Tgt Ion:113 Resp: 739820
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.0 121.4
 192 21.3 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 149.006 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion: 75 Resp: 1120427
 Ion Ratio Lower Upper
 75 100
 110 33.6 17.0 50.9
 77 30.7 25.3 37.9

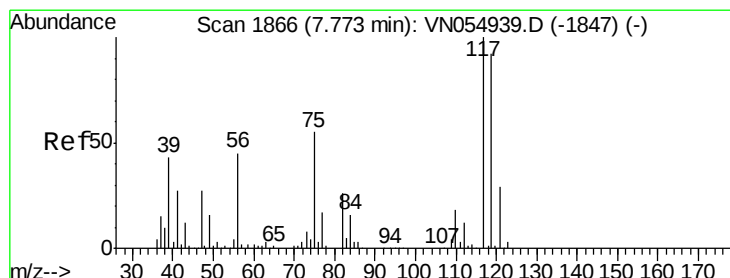
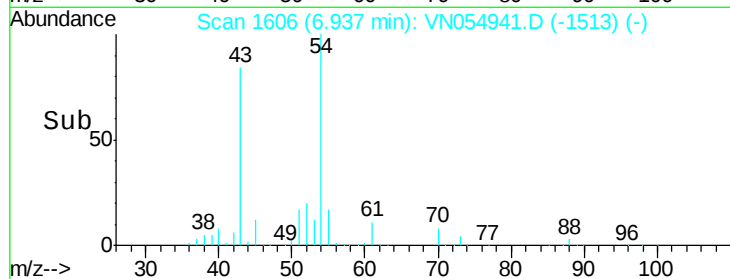
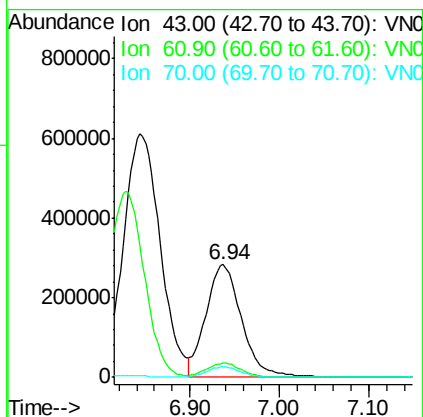
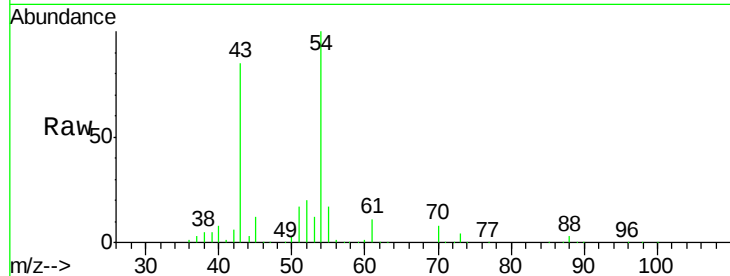




#37
 Ethyl Acetate
 Concen: 150.257 ug/l
 RT: 6.94 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

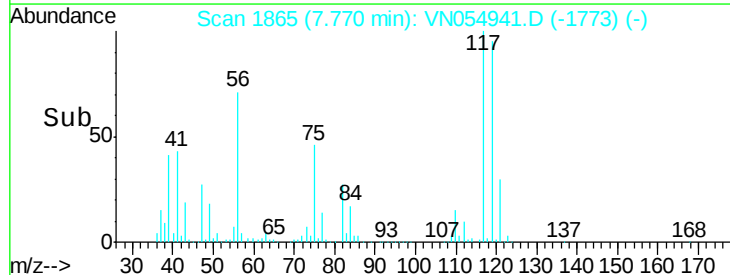
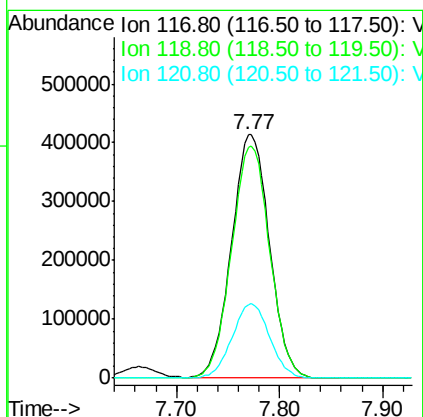
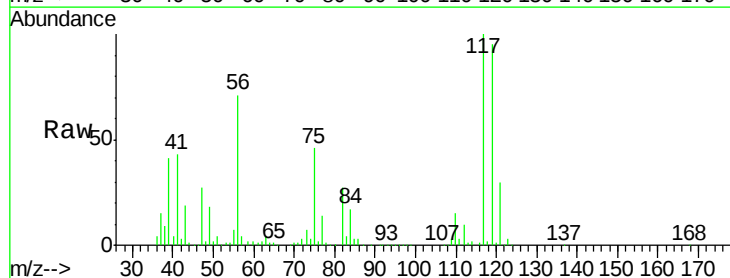
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

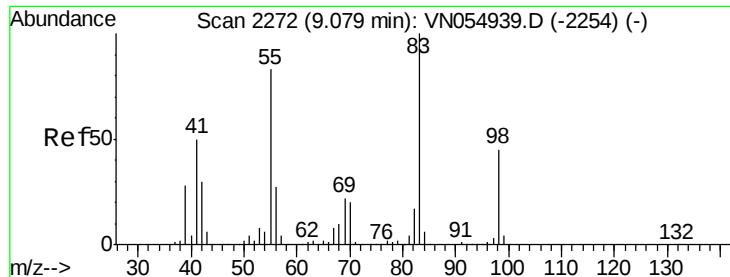
Tgt Ion: 43 Resp: 775355
 Ion Ratio Lower Upper
 43 100
 61 12.5 10.3 15.5
 70 8.8 7.0 10.4



#38
 Carbon Tetrachloride
 Concen: 145.877 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion: 117 Resp: 1059320
 Ion Ratio Lower Upper
 117 100
 119 94.9 73.6 110.4
 121 30.4 23.4 35.0

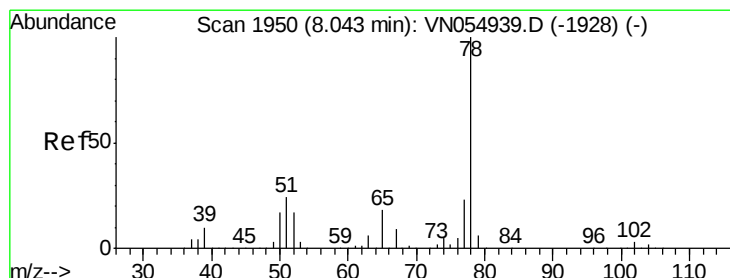
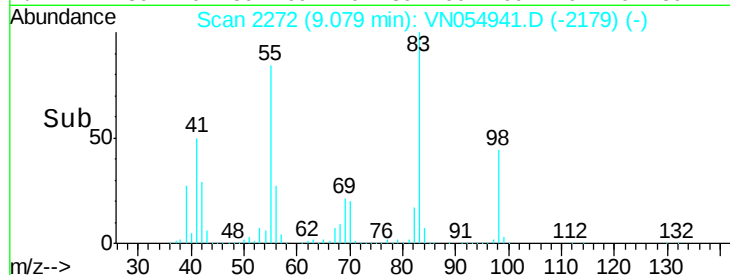
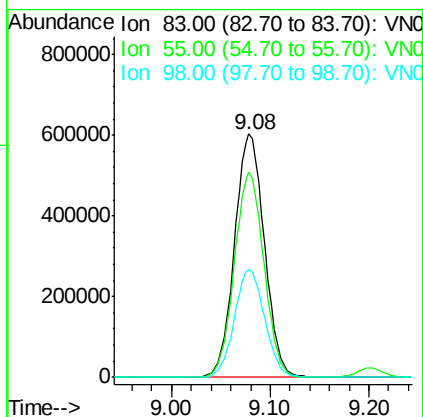
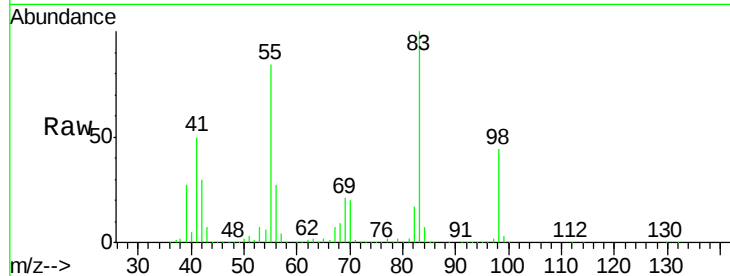




#39
Methylcyclohexane
Concen: 152.755 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

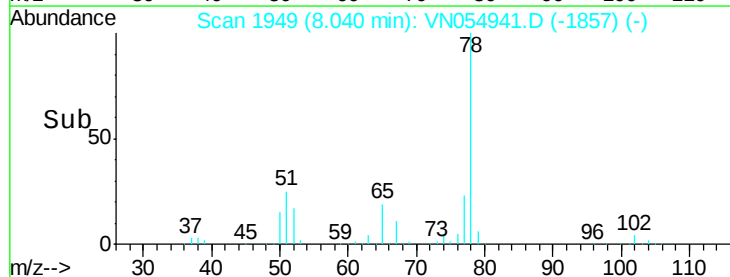
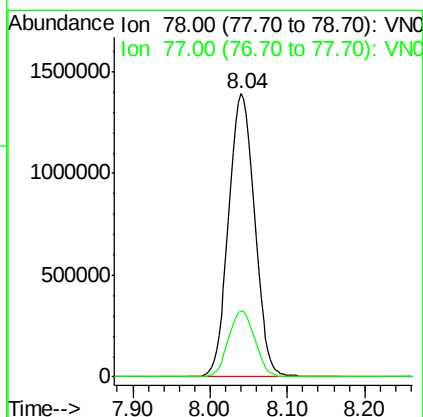
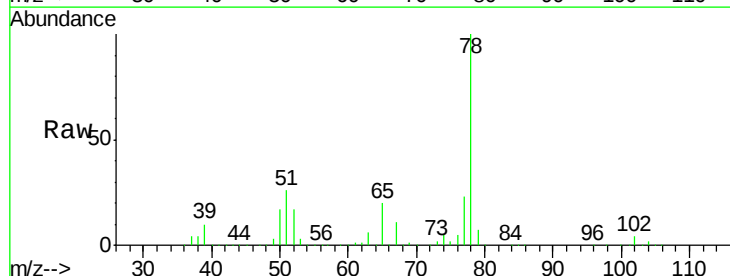
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

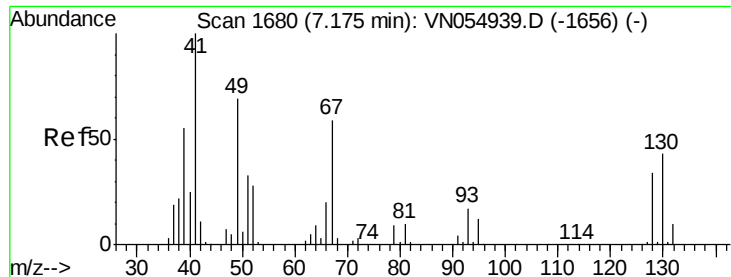
Tgt Ion: 83 Resp: 1263638
Ion Ratio Lower Upper
83 100
55 84.0 66.4 99.6
98 44.4 36.4 54.6



#40
Benzene
Concen: 150.185 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion: 78 Resp: 3249512
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





#41

Methacrylonitrile

Concen: 154.325 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 455347

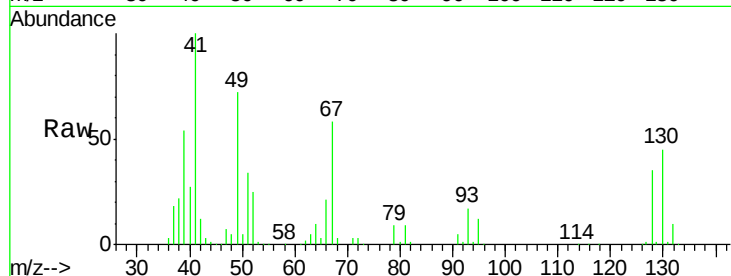
Ion Ratio Lower Upper

41 100

39 61.0 43.0 64.6

67 66.6 55.0 82.6

52 28.9 24.4 36.6

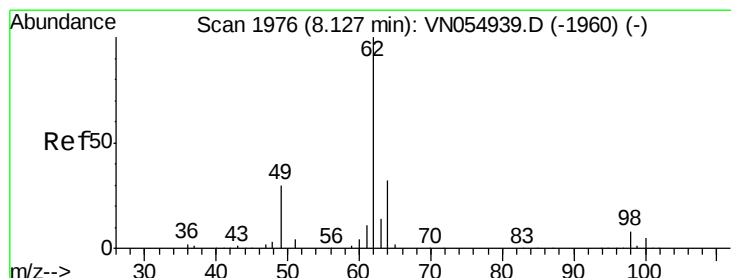
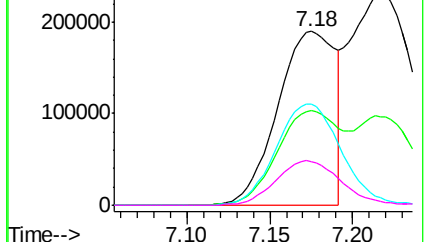
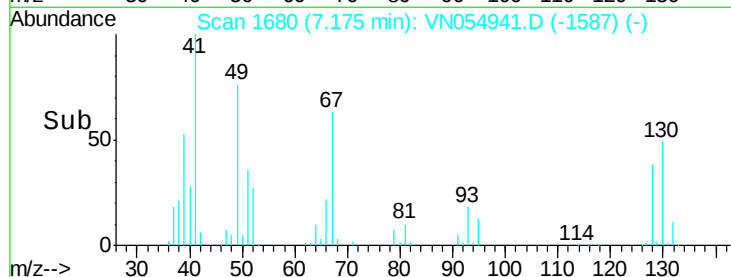


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 144.674 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN054941.D

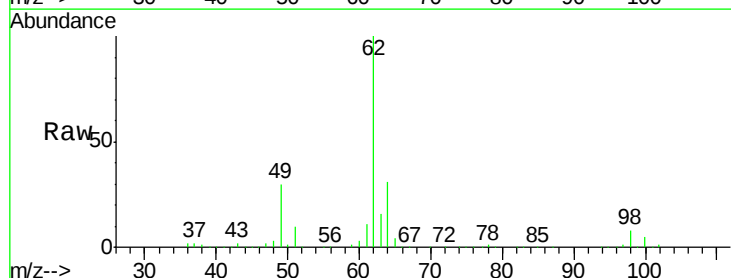
Acq: 4 Apr 2019 11:58

Tgt Ion: 62 Resp: 1099969

Ion Ratio Lower Upper

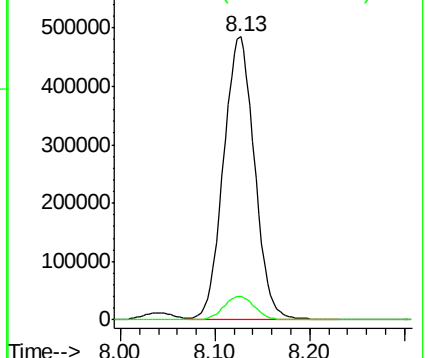
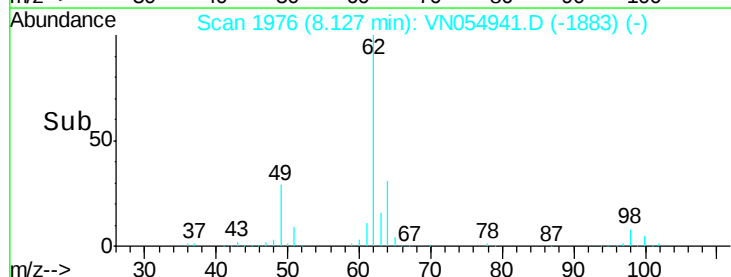
62 100

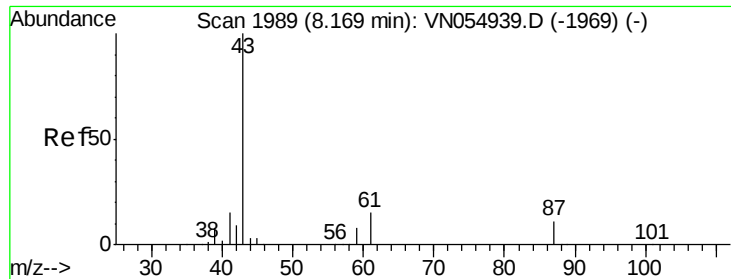
98 8.4 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

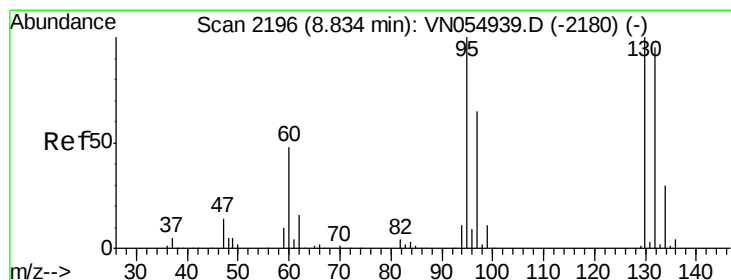
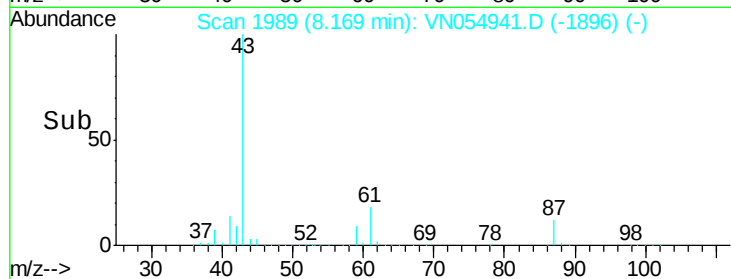
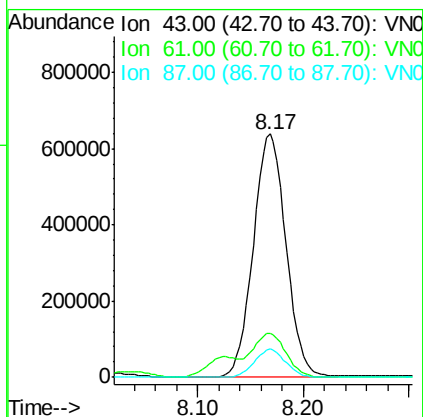
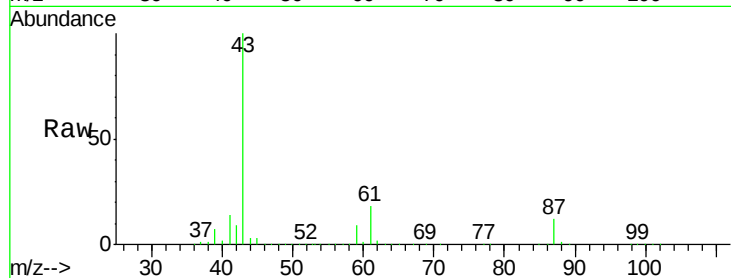




#43
Isopropyl Acetate
Concen: 158.347 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

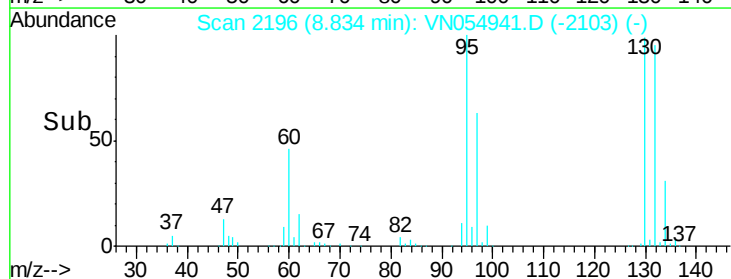
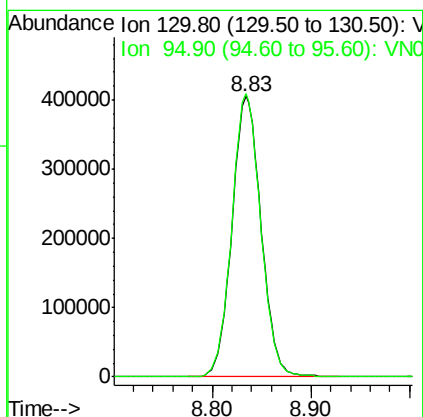
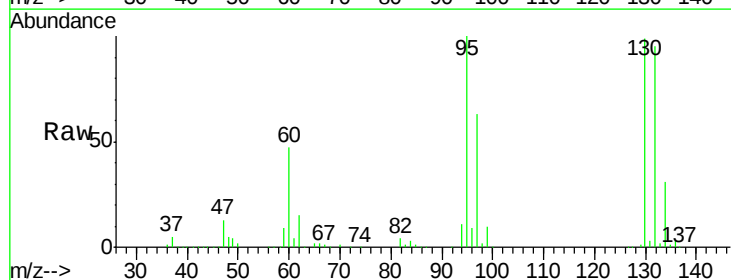
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

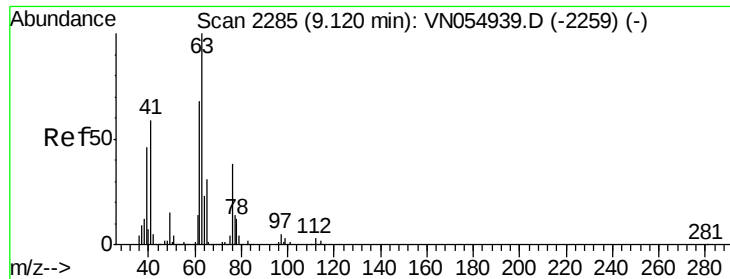
Tgt Ion: 43 Resp: 1377099
Ion Ratio Lower Upper
43 100
61 18.1 14.4 21.6
87 11.2 9.0 13.4



#44
Trichloroethene
Concen: 150.175 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion: 130 Resp: 830819
Ion Ratio Lower Upper
130 100
95 101.0 0.0 200.4





#45

1,2-Dichloropropane

Concen: 149.161 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

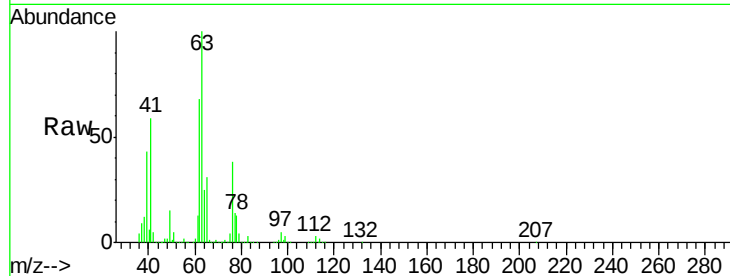
VSTDIC150

Tgt Ion: 63 Resp: 899237

Ion Ratio Lower Upper

63 100

65 30.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN054941.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN054941.D (-2192) (-)

9.12

400000

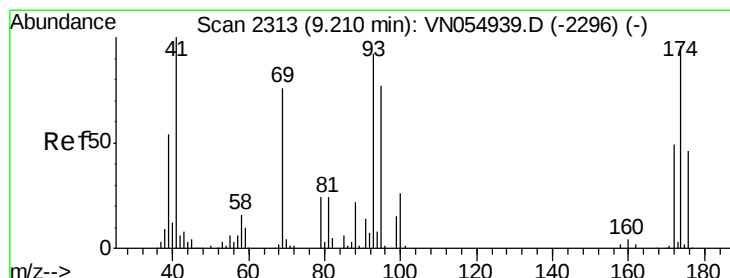
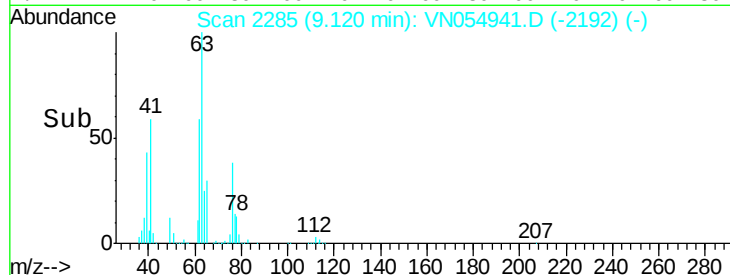
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 146.008 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

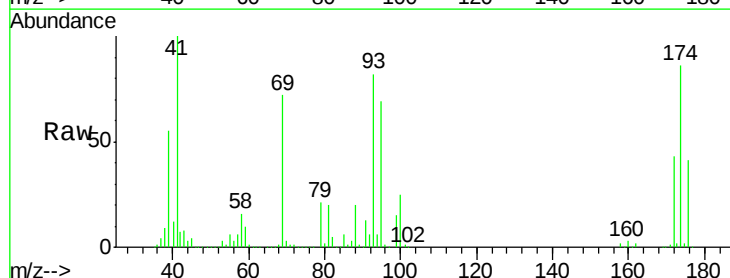
Tgt Ion: 93 Resp: 499154

Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

174 104.7 82.0 123.0



Abundance Ion 92.80 (92.50 to 93.50): VN054941.D (-2220) (-)

Ion 94.80 (94.50 to 95.50): VN054941.D (-2220) (-)

Ion 173.70 (173.40 to 174.40): VN054941.D (-2220) (-)

9.21

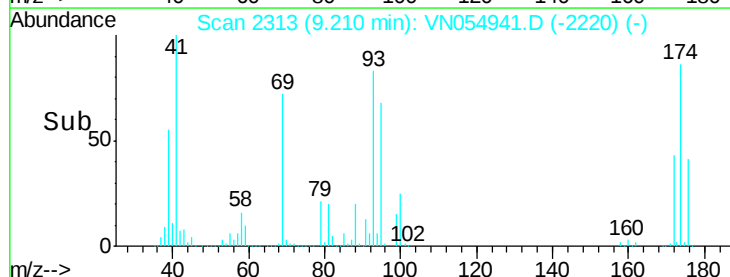
300000

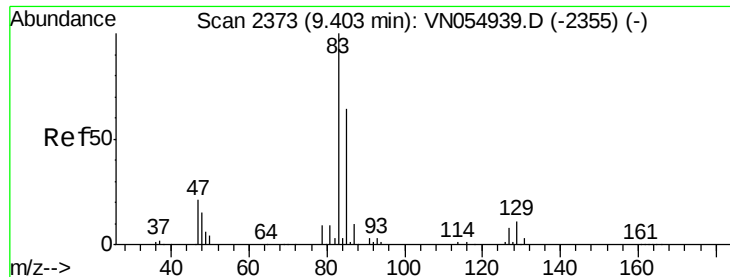
200000

100000

0

Time-->





#47

Bromodichloromethane

Concen: 154.727 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

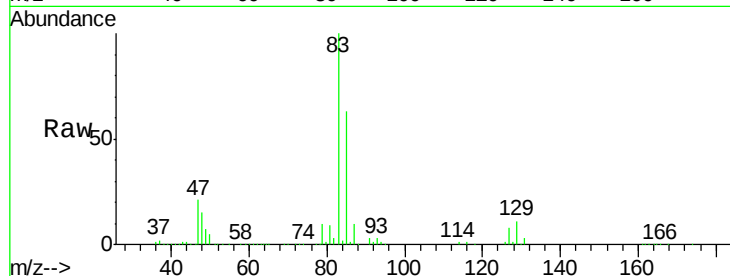
Tgt Ion: 83 Resp: 1111015

Ion Ratio Lower Upper

83 100

85 63.4 51.1 76.7

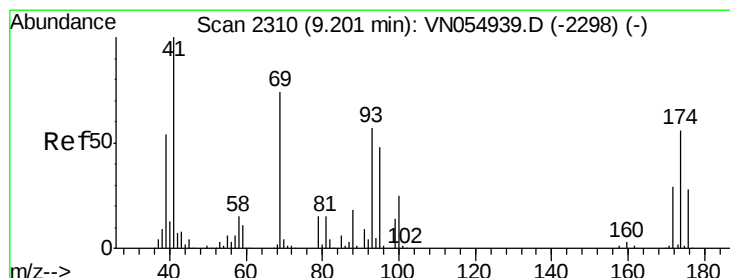
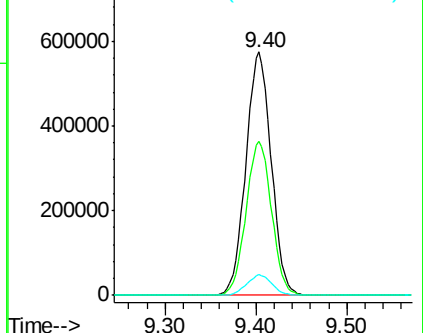
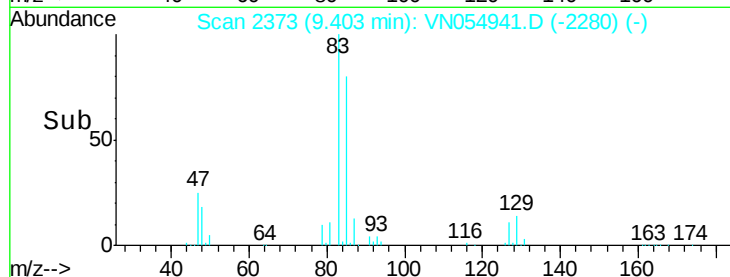
127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN054941.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054941.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054941.D (-2280) (-)



#48

Methyl methacrylate

Concen: 164.128 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

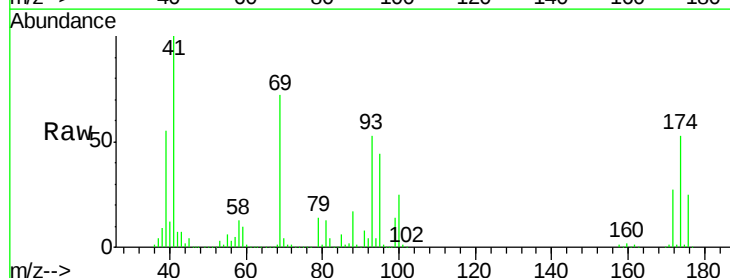
Tgt Ion: 41 Resp: 722577

Ion Ratio Lower Upper

41 100

69 73.5 58.9 88.3

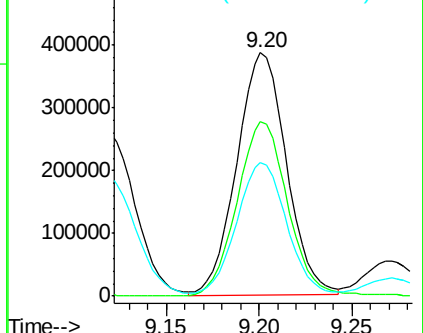
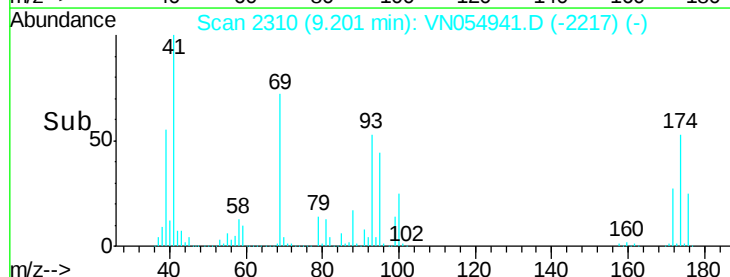
39 55.7 44.2 66.4

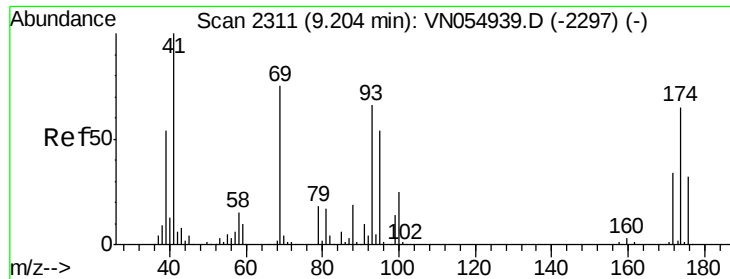


Abundance Ion 41.00 (40.70 to 41.70): VN054941.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054941.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054941.D (-2217) (-)





#49

1,4-Dioxane

Concen: 3065.302 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

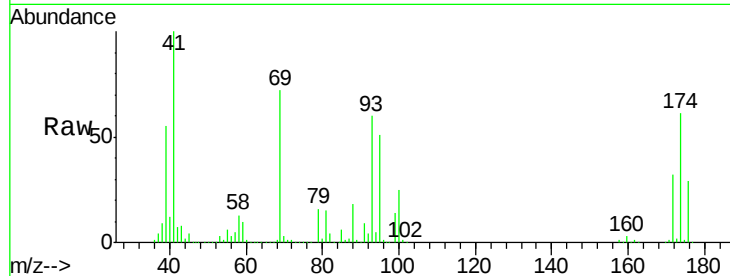
Tgt Ion: 88 Resp: 136211

Ion Ratio Lower Upper

88 100

43 39.3 31.5 47.3

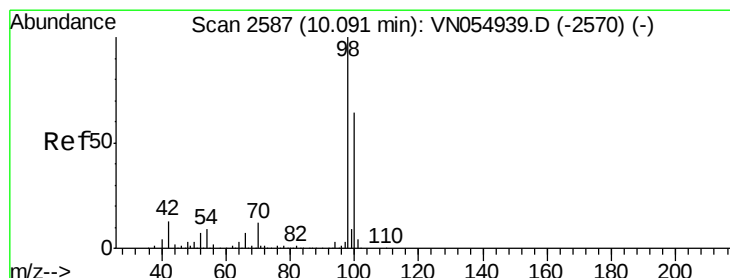
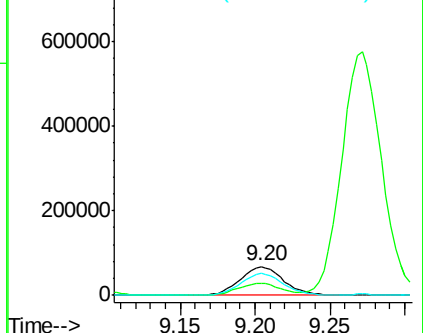
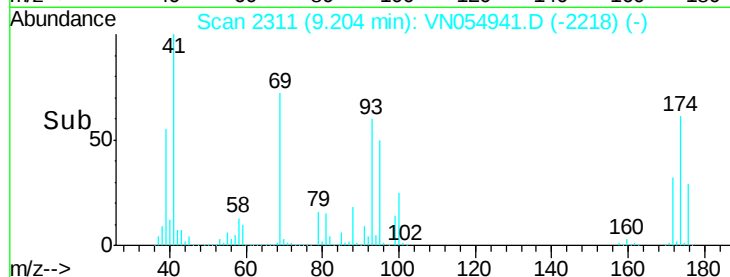
58 75.7 61.9 92.9



Abundance Ion 88.00 (87.70 to 88.70): VN054941.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN054941.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN054941.D (-2218) (-)



#50

Toluene-d8

Concen: 151.666 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054941.D

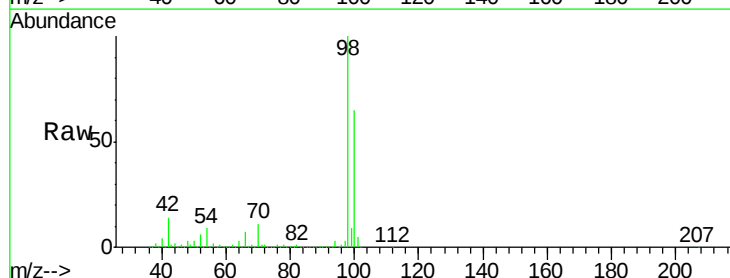
Acq: 4 Apr 2019 11:58

Tgt Ion: 98 Resp: 2842888

Ion Ratio Lower Upper

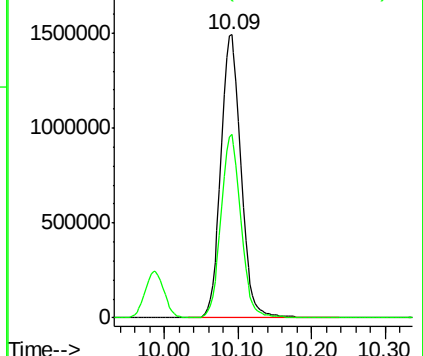
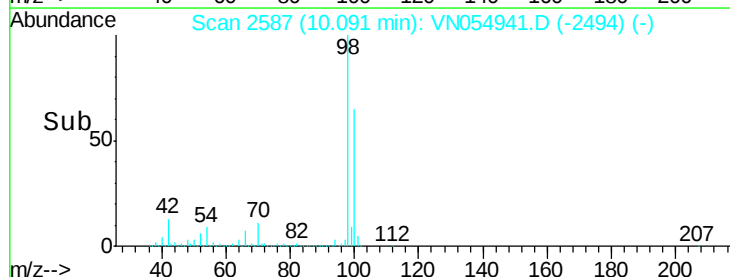
98 100

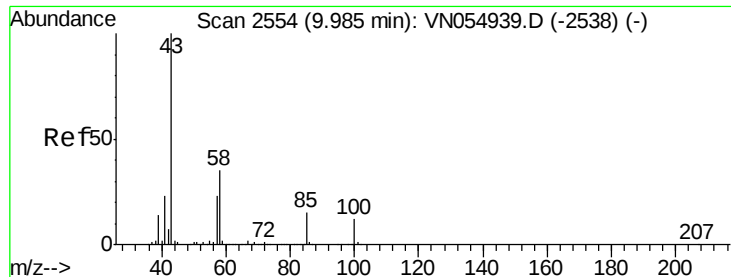
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN054941.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054941.D (-2494) (-)

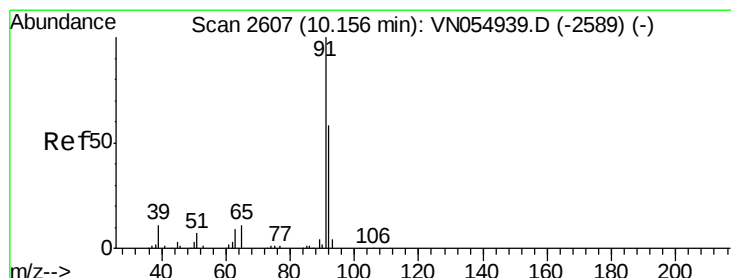
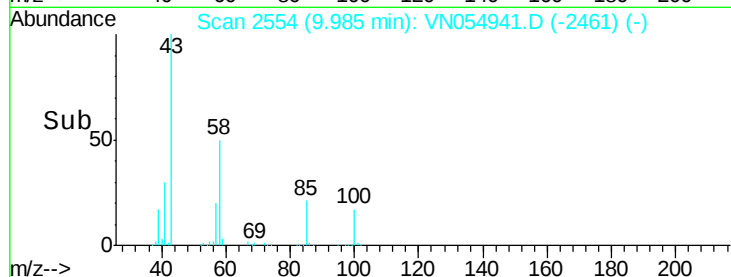
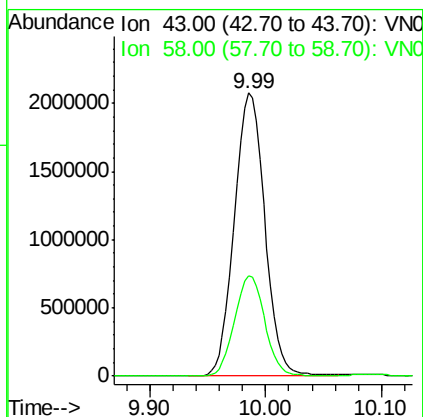
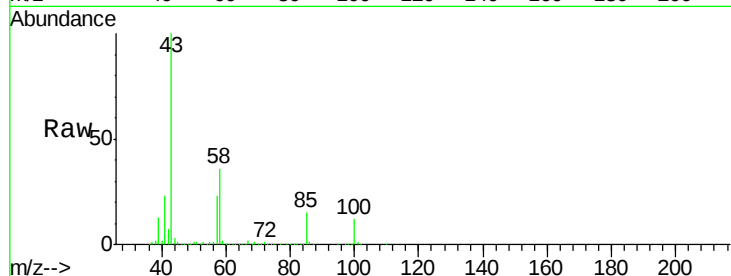




#51
 4-Methyl-2-Pentanone
 Concen: 778.415 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

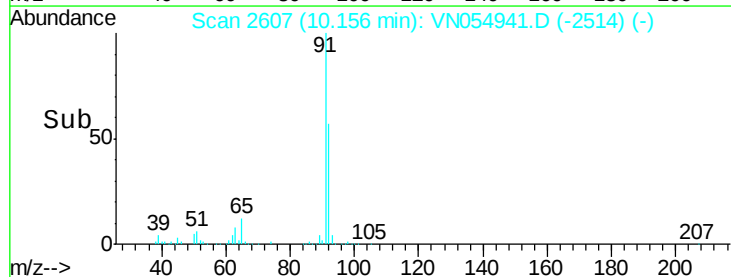
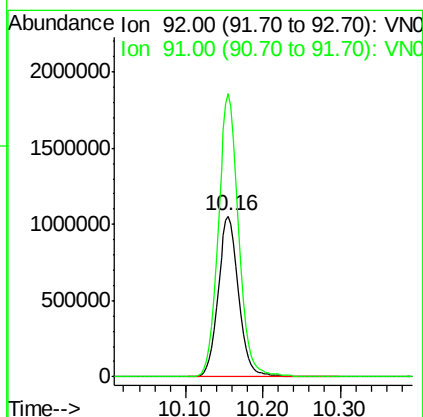
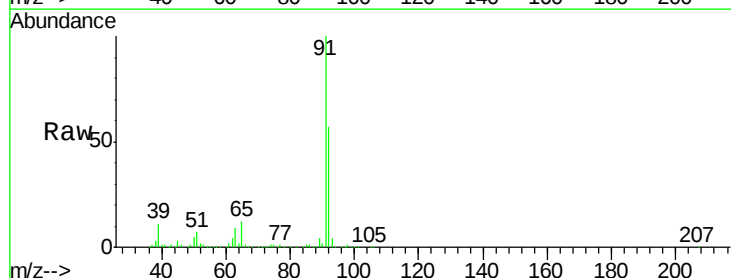
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

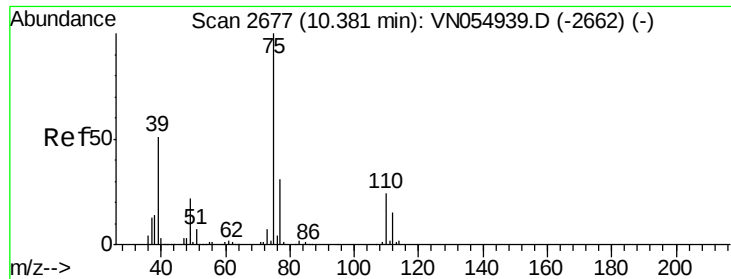
Tgt Ion: 43 Resp: 3776557
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.3 42.5



#52
 Toluene
 Concen: 153.474 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion: 92 Resp: 1957349
 Ion Ratio Lower Upper
 92 100
 91 175.8 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 173.896 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

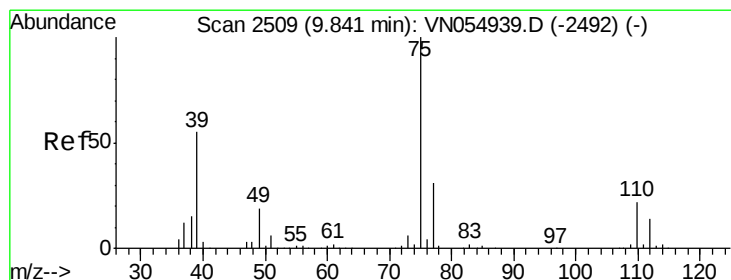
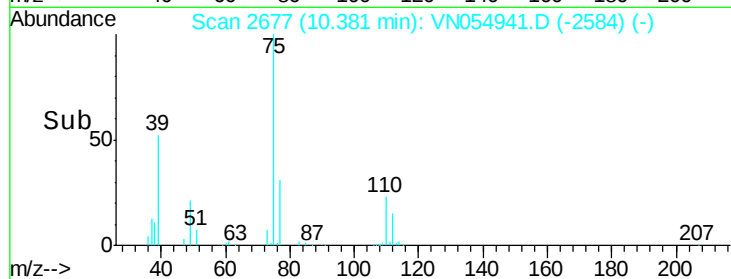
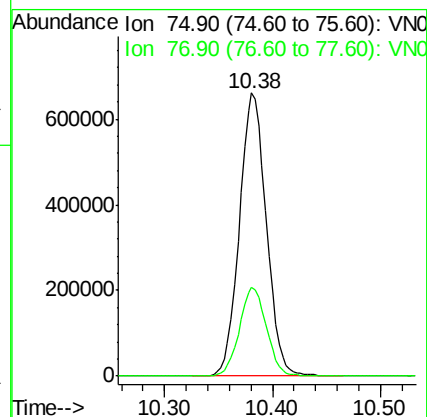
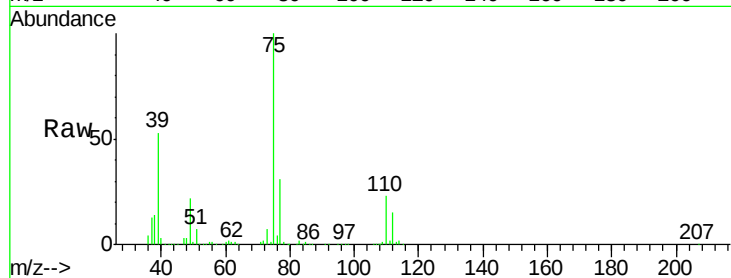
VSTDIC150

Tgt Ion: 75 Resp: 1152413

Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 166.308 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

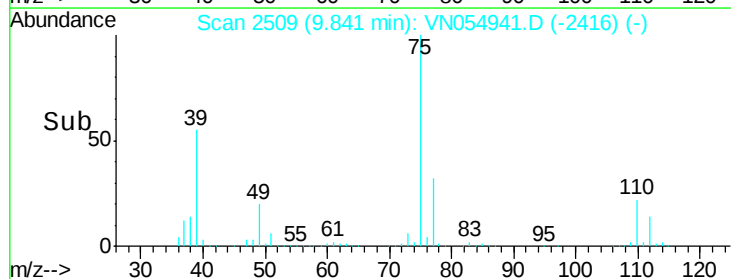
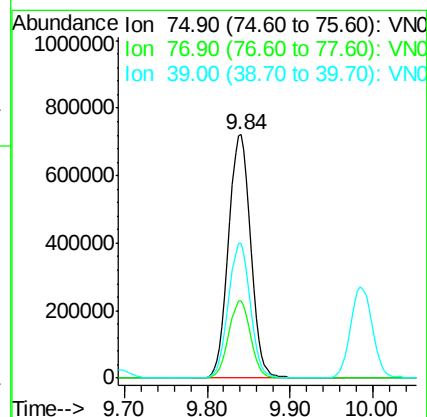
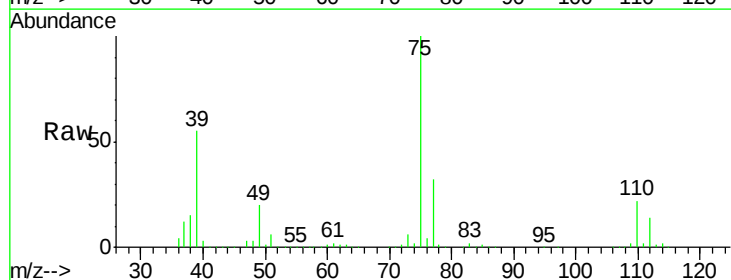
Tgt Ion: 75 Resp: 1344041

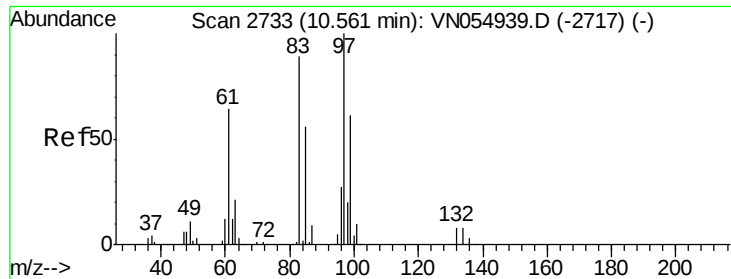
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 55.1 43.9 65.9





#55

1,1,2-Trichloroethane

Concen: 147.824 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 683534

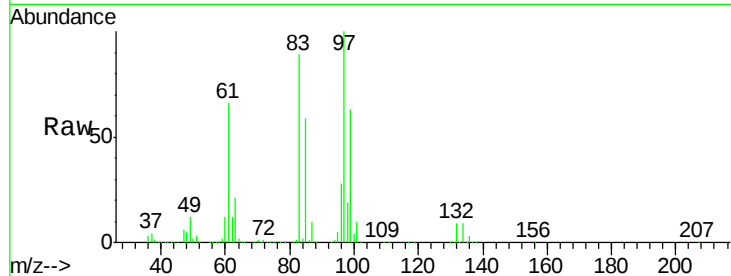
Ion Ratio Lower Upper

97 100

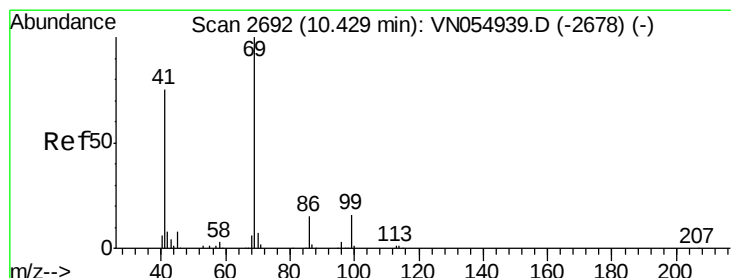
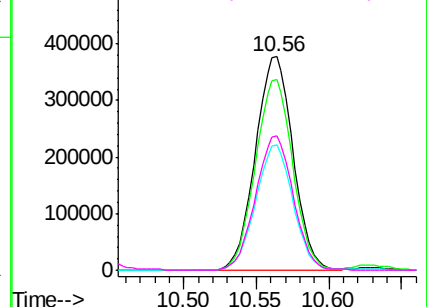
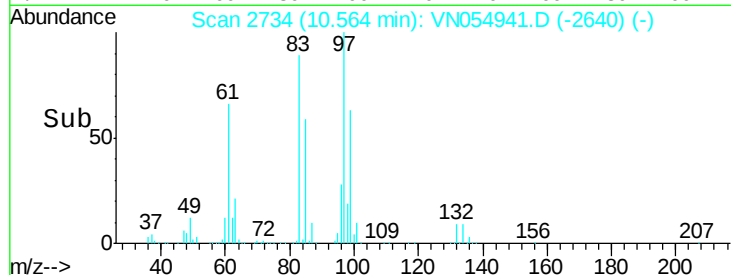
83 89.3 71.5 107.3

85 58.5 45.0 67.6

99 62.8 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: 165.369 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

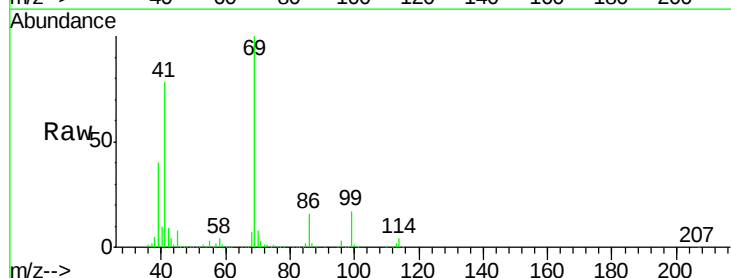
Tgt Ion: 69 Resp: 999771

Ion Ratio Lower Upper

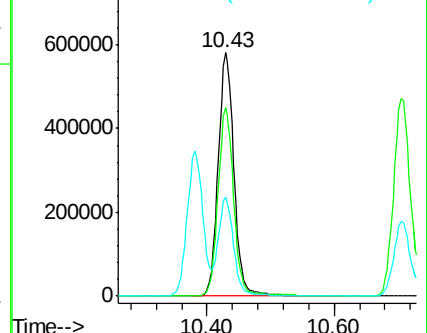
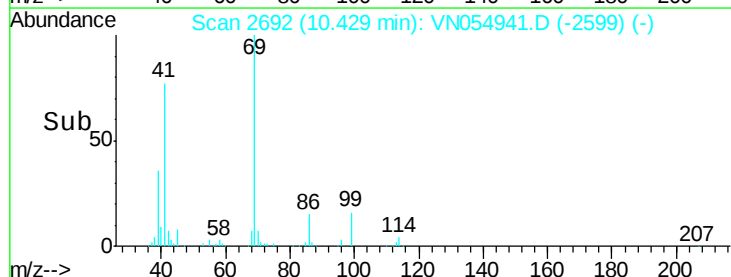
69 100

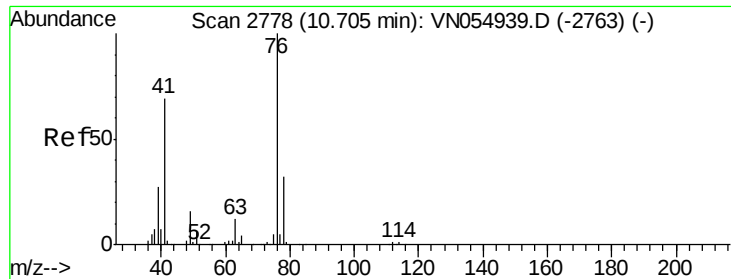
41 75.5 60.2 90.2

39 39.4 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

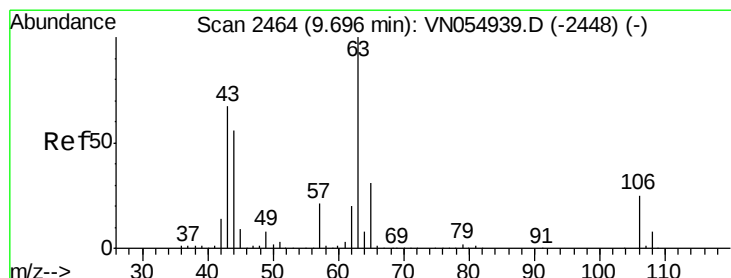
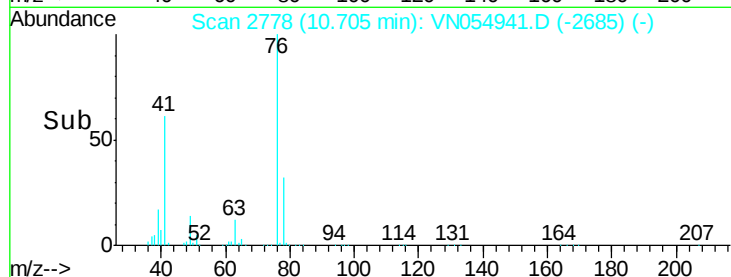
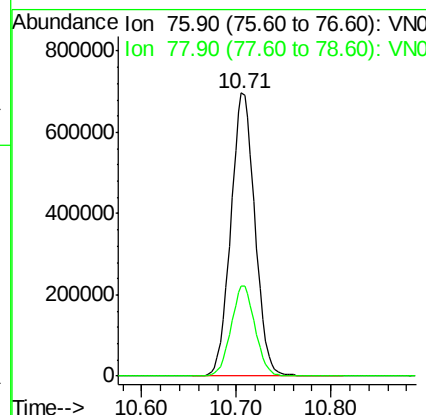
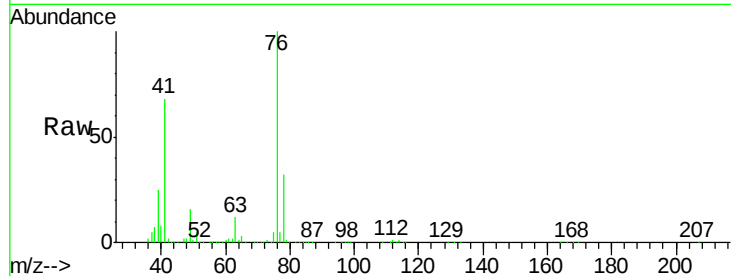




#57
 1,3-Dichloropropane
 Concen: 152.577 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

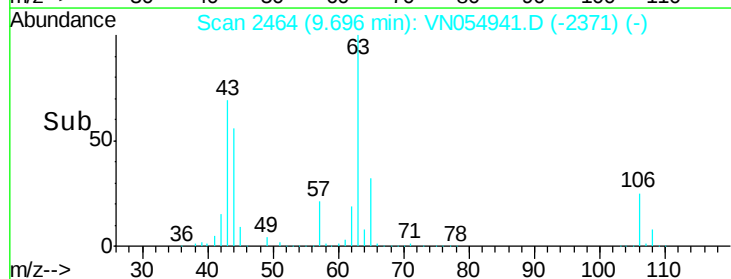
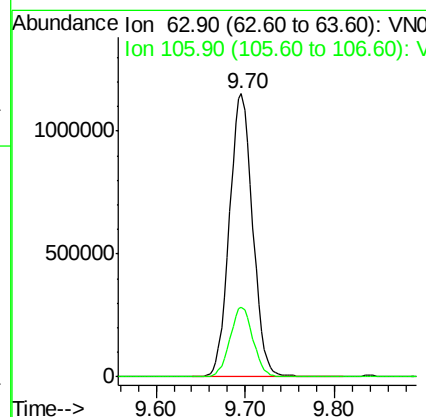
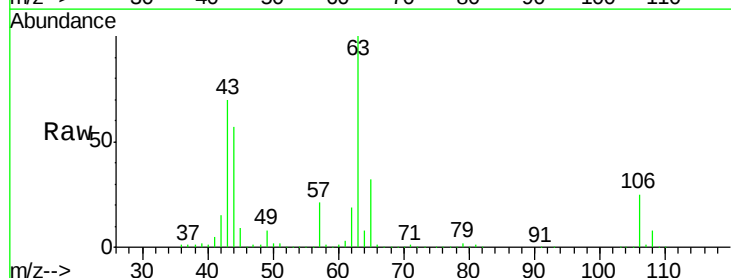
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

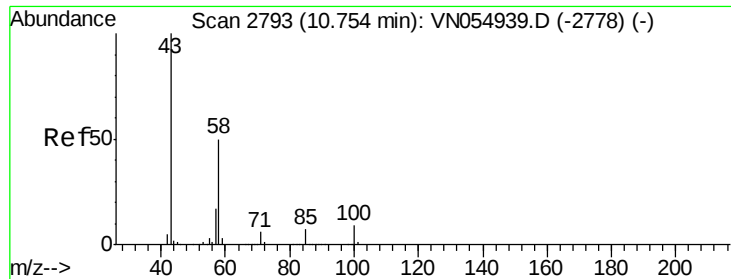
Tgt Ion: 76 Resp: 1232145
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 872.262 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion: 63 Resp: 2083693
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.7 29.5

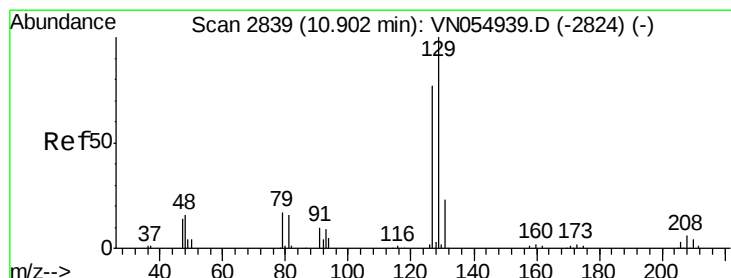
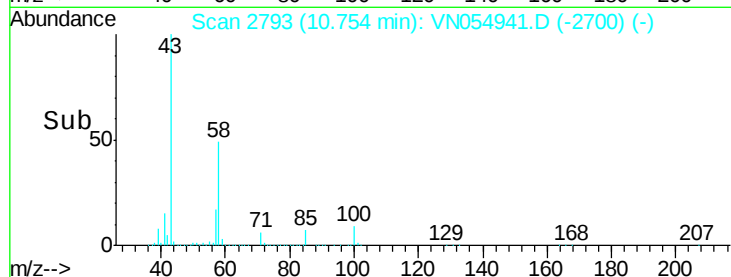
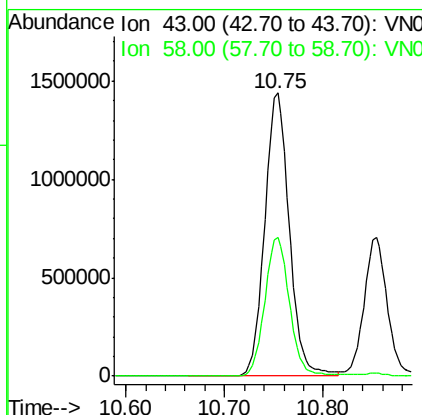
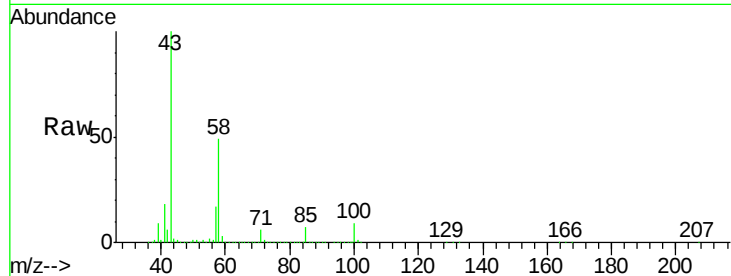




#59
2-Hexanone
Concen: 811.800 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

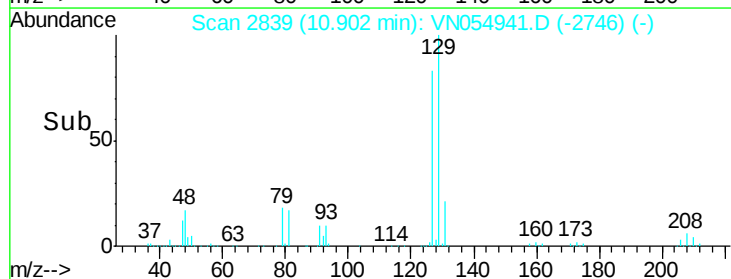
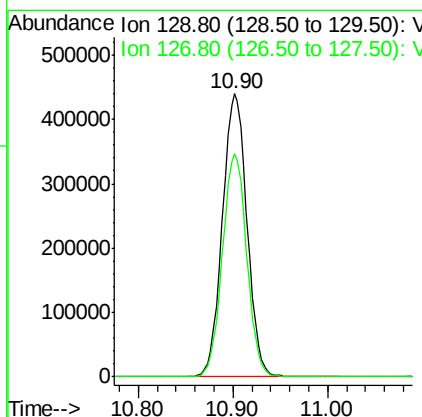
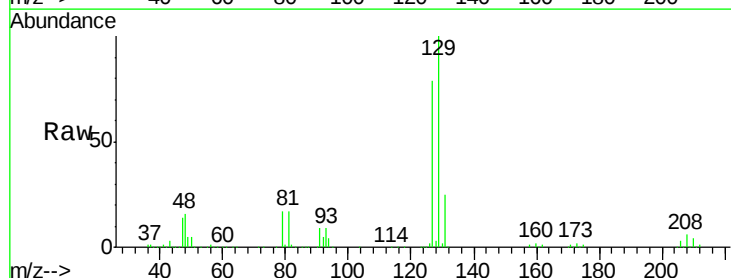
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

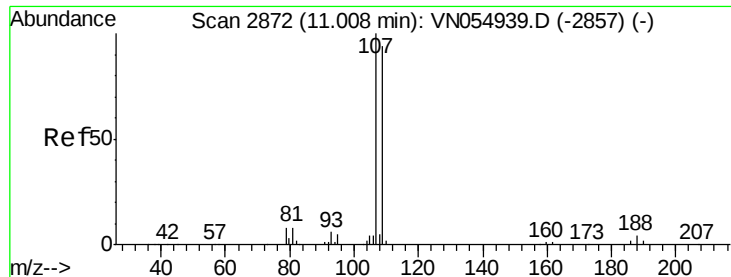
Tgt Ion: 43 Resp: 2460059
Ion Ratio Lower Upper
43 100
58 49.3 24.6 73.8



#60
Dibromochloromethane
Concen: 163.919 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion: 129 Resp: 793920
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2

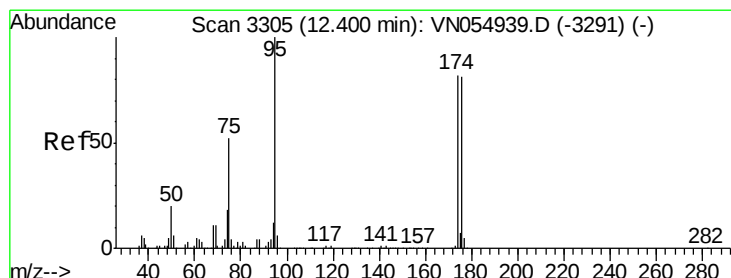
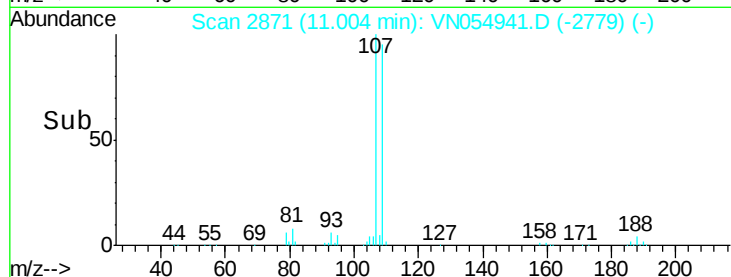
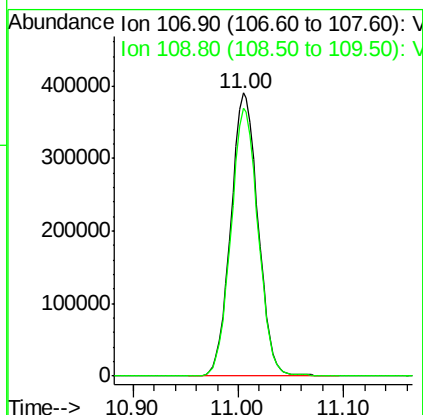
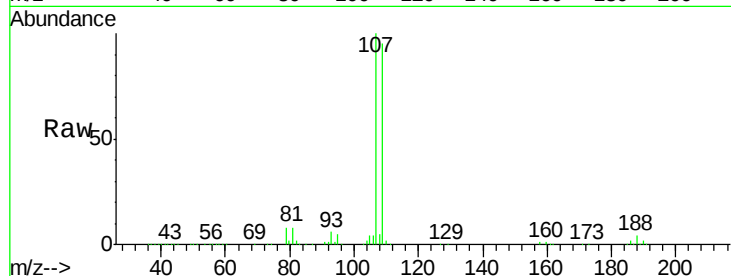




#61
 1,2-Dibromoethane
 Concen: 160.294 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

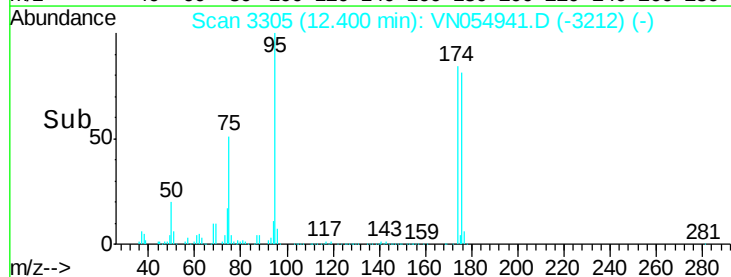
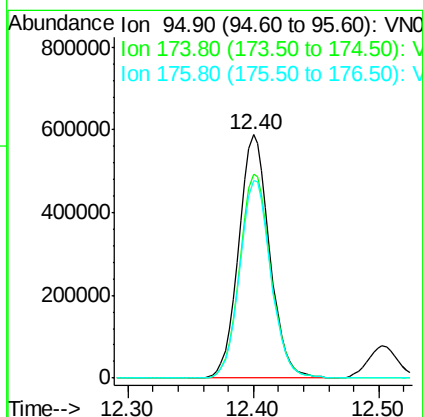
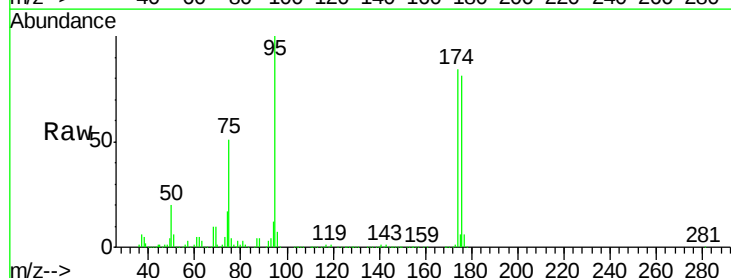
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

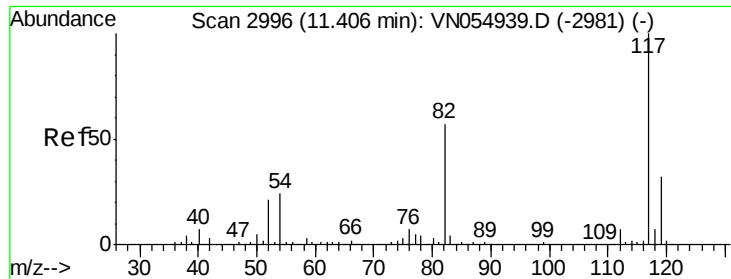
Tgt Ion: 107 Resp: 696902
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 160.469 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion: 95 Resp: 1003808
 Ion Ratio Lower Upper
 95 100
 174 84.8 0.0 166.2
 176 81.8 0.0 163.2

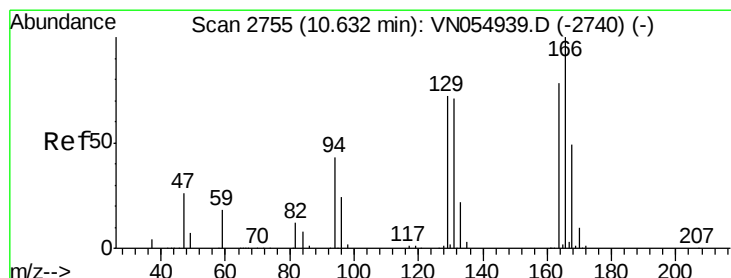
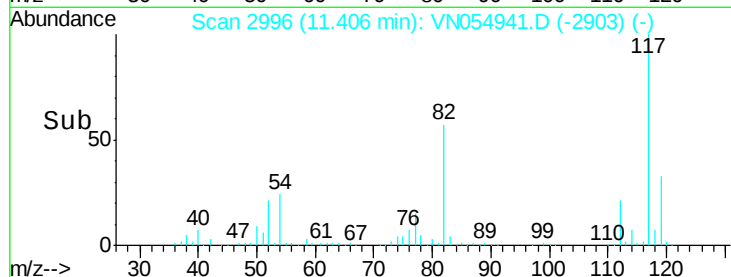
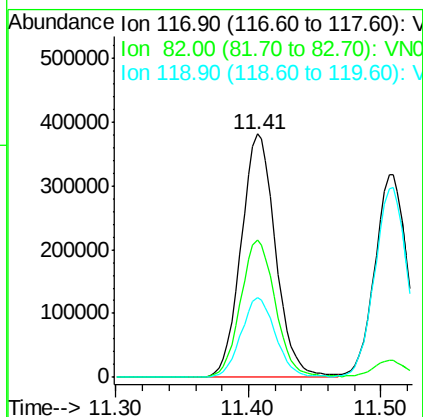
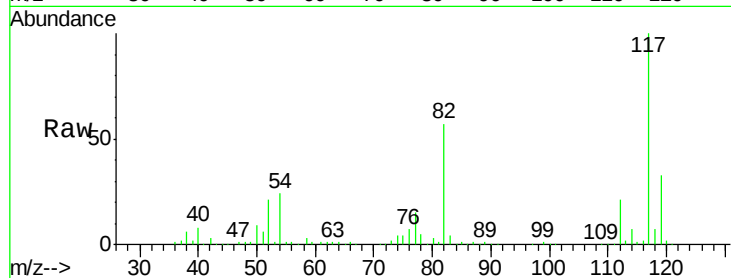




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

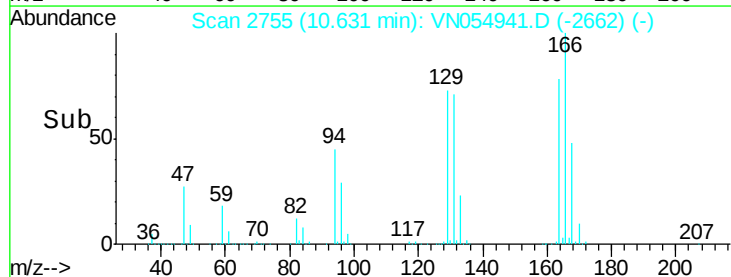
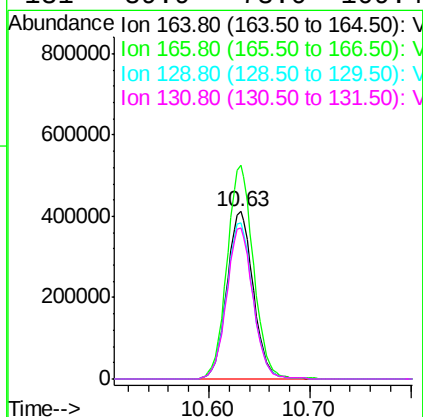
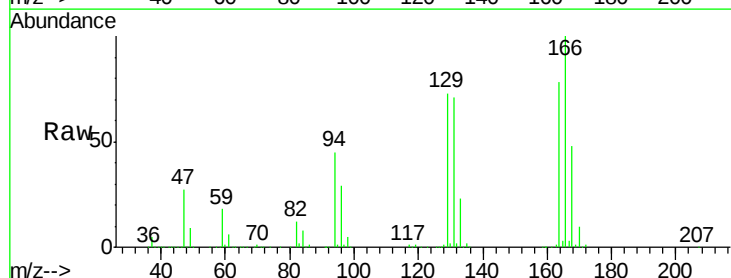
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

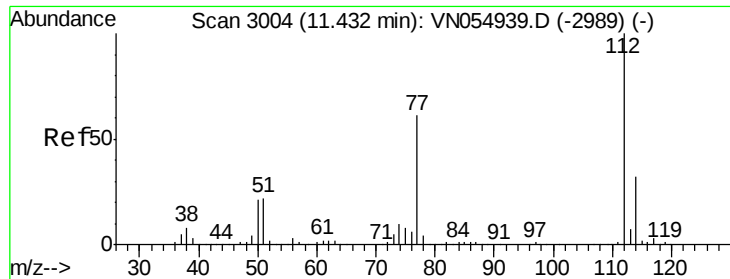
Tgt Ion:117 Resp: 688917
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 135.411 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion:164 Resp: 752374
Ion Ratio Lower Upper
164 100
166 127.5 103.1 154.7
129 93.0 73.9 110.9
131 89.9 73.0 109.4

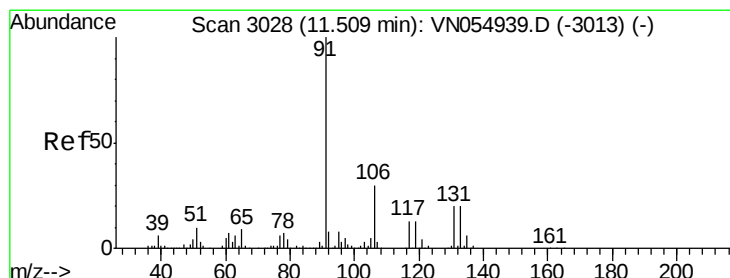
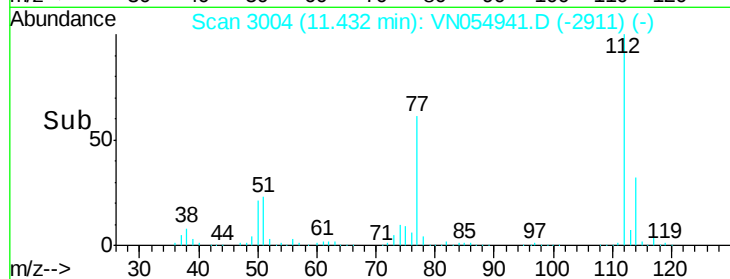
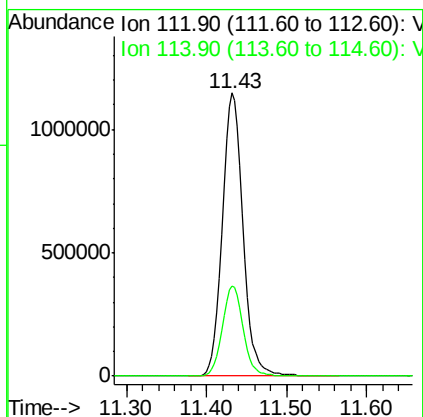
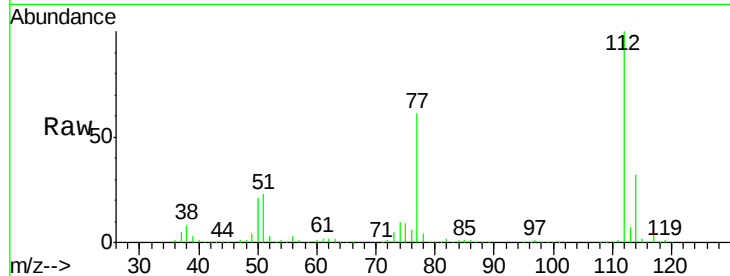




#65
Chlorobenzene
Concen: 146.860 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

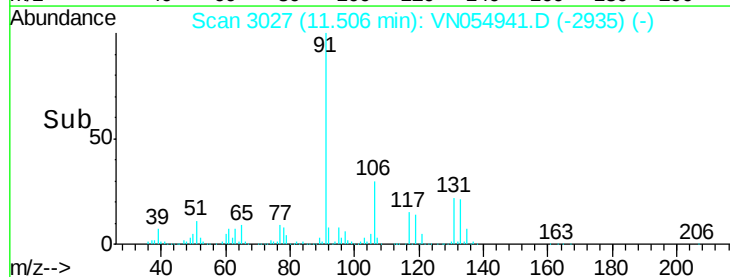
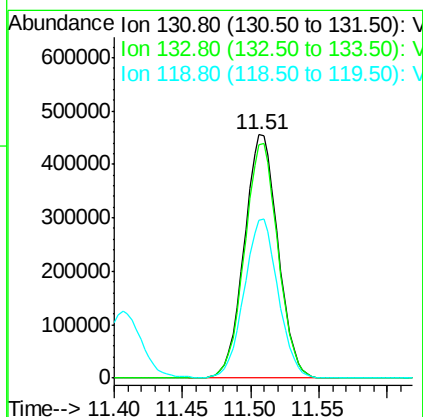
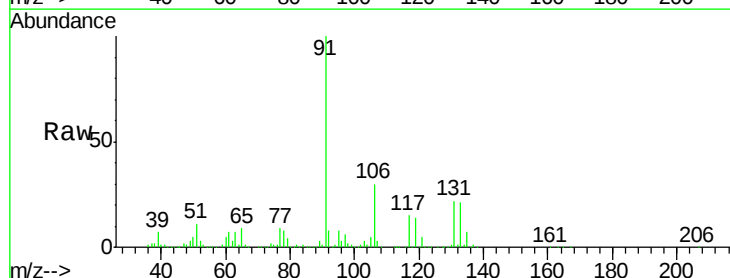
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

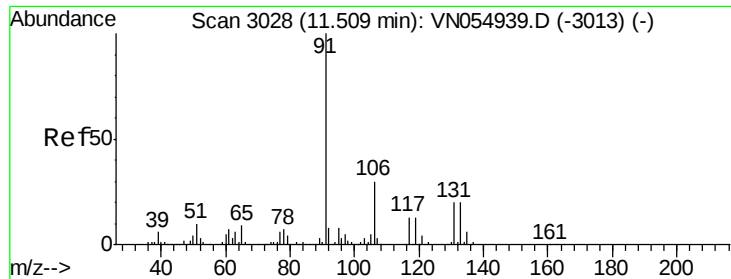
Tgt Ion:112 Resp: 2062256
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 152.253 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion:131 Resp: 782771
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.4
119 65.2 33.1 99.2

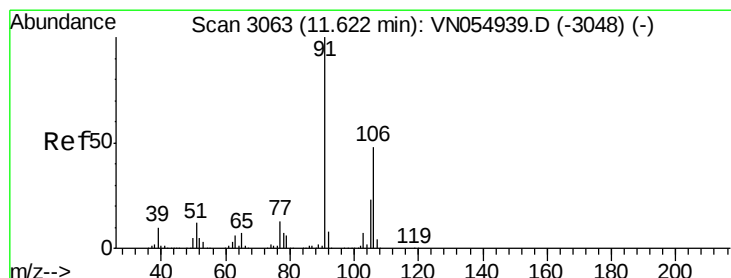
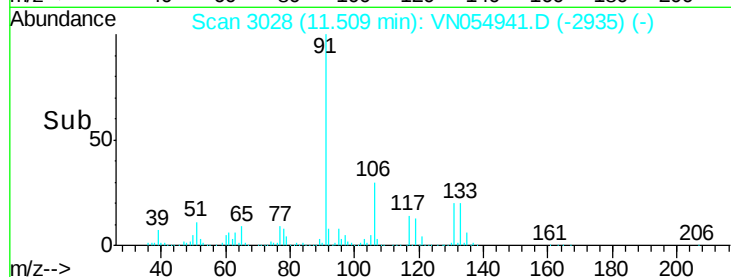
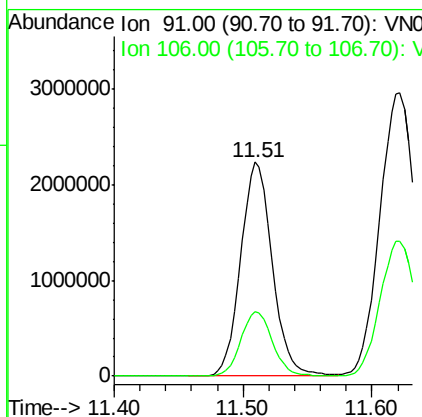
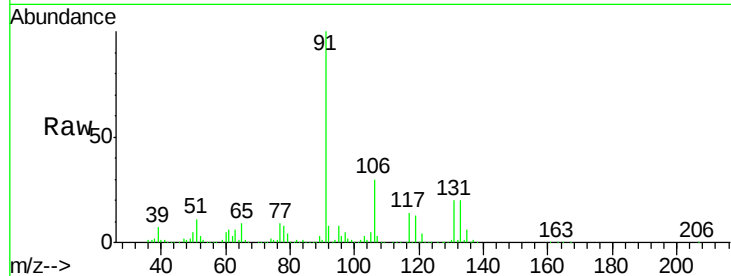




#67
Ethyl Benzene
Concen: 151.164 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

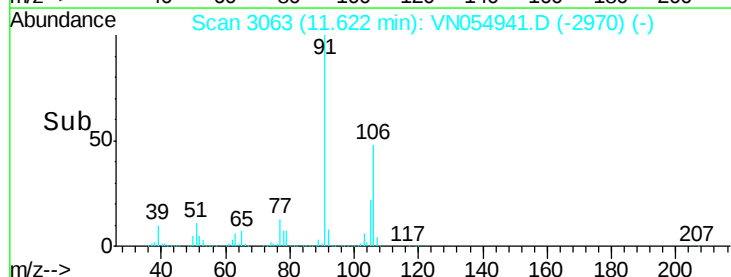
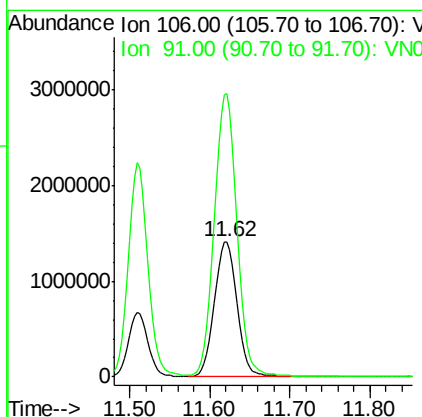
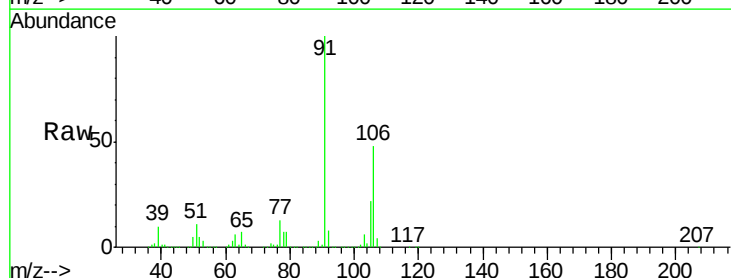
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

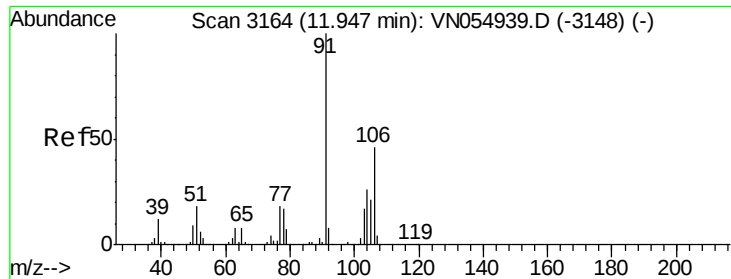
Tgt Ion: 91 Resp: 3827267
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1



#68
m/p-Xylenes
Concen: 302.621 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion: 106 Resp: 2800893
Ion Ratio Lower Upper
106 100
91 209.6 167.4 251.2

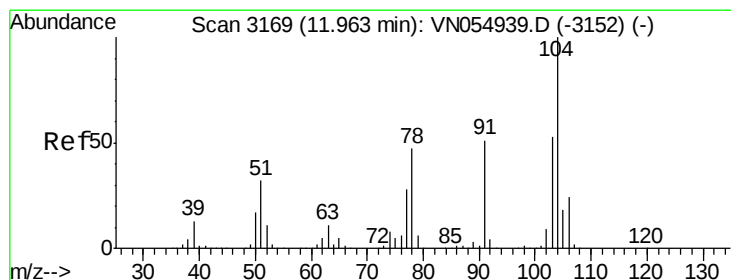
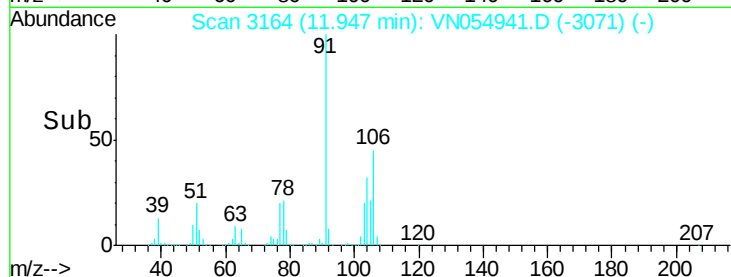
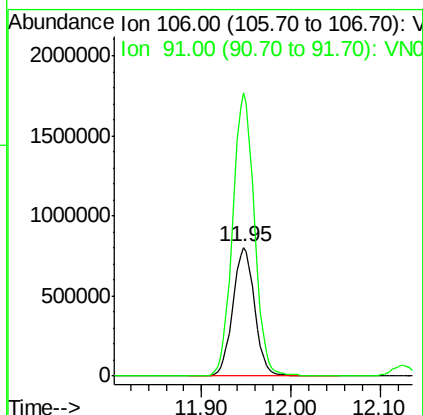
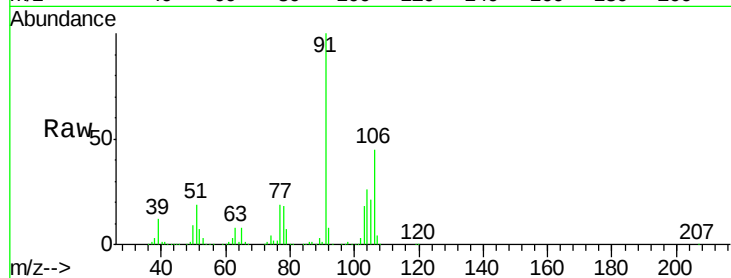




#69
o-Xylene
Concen: 150.533 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

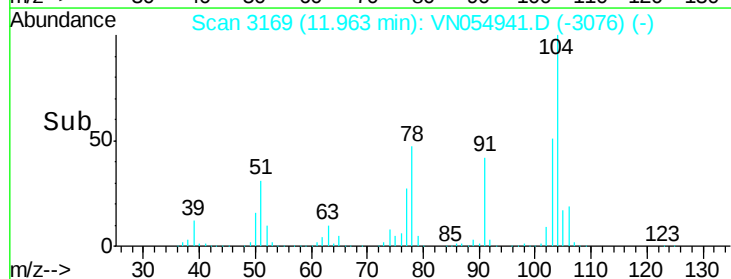
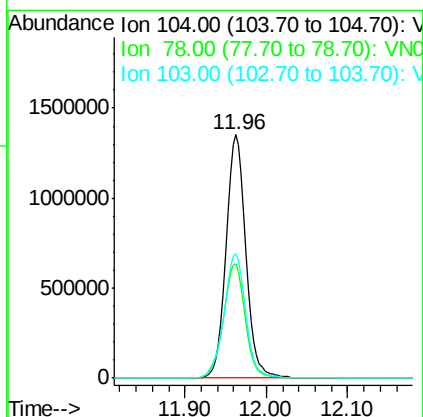
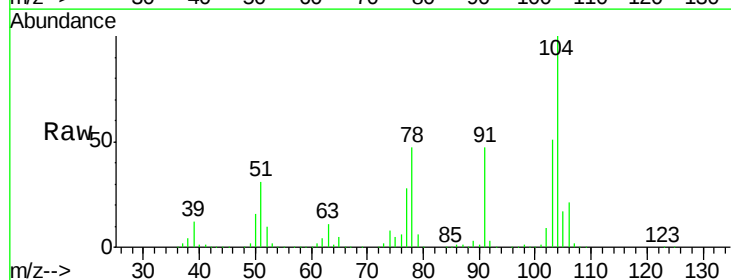
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

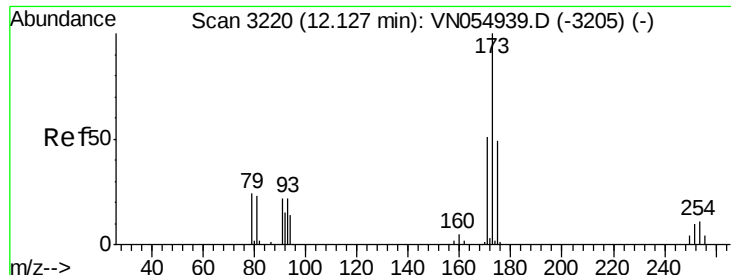
Tgt Ion:106 Resp: 1358990
Ion Ratio Lower Upper
106 100
91 219.4 109.9 329.7



#70
Styrene
Concen: 160.777 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion:104 Resp: 2328161
Ion Ratio Lower Upper
104 100
78 51.8 41.1 61.7
103 55.7 45.0 67.4

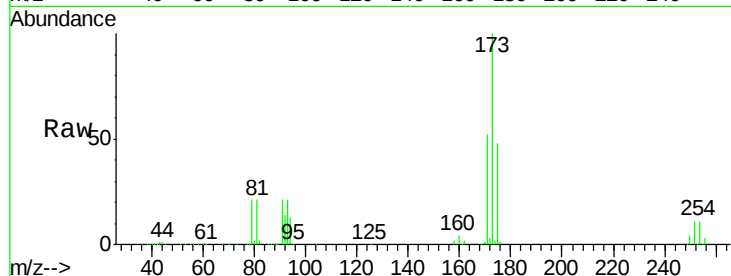




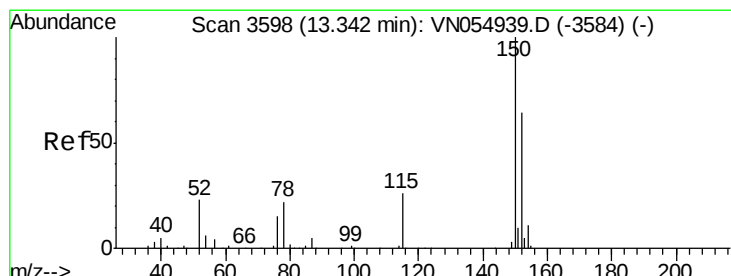
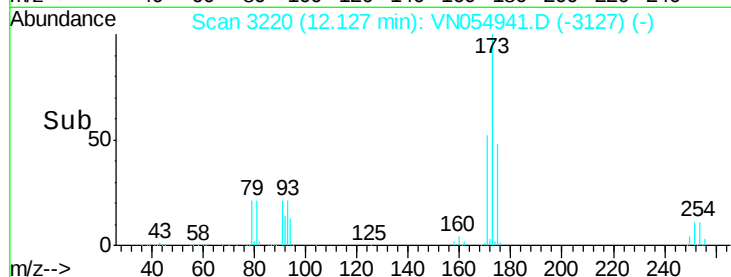
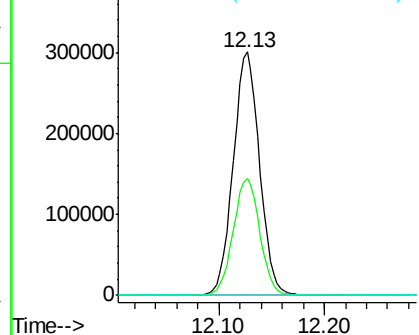
#71
Bromoform
Concen: 167.456 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:173 Resp: 517482
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.2 0.0 0.0#

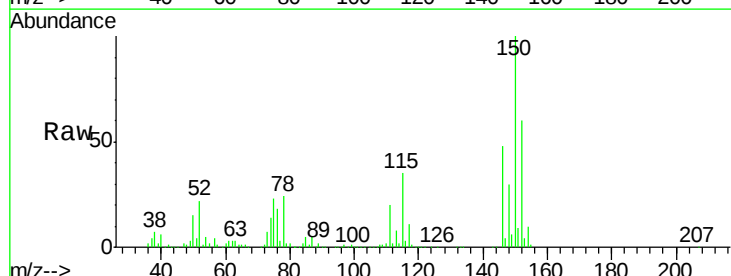


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

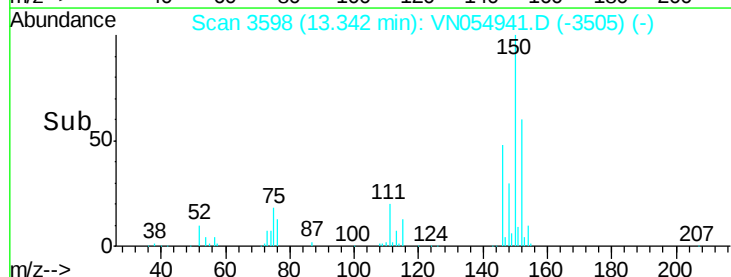
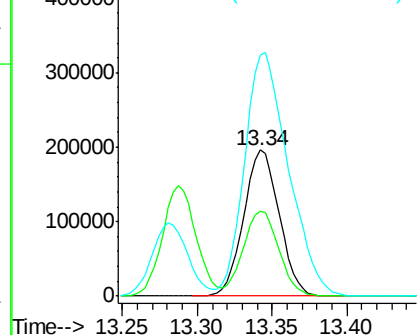


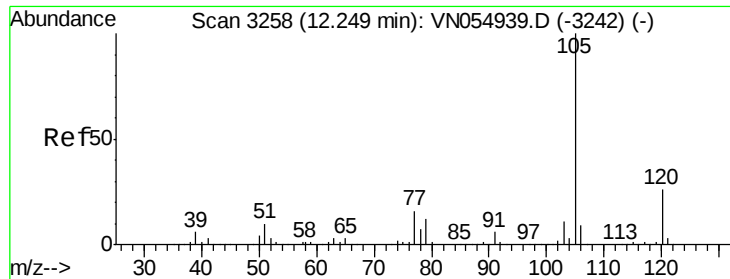
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion:152 Resp: 324910
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 204.7 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: 131.764 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

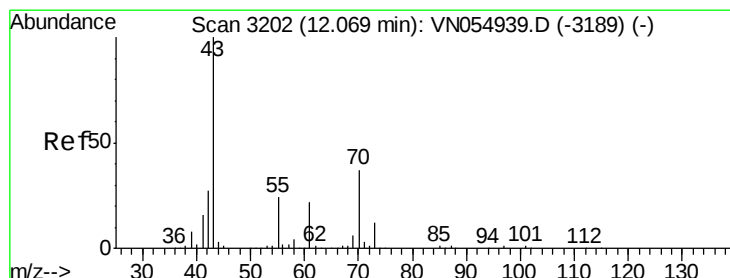
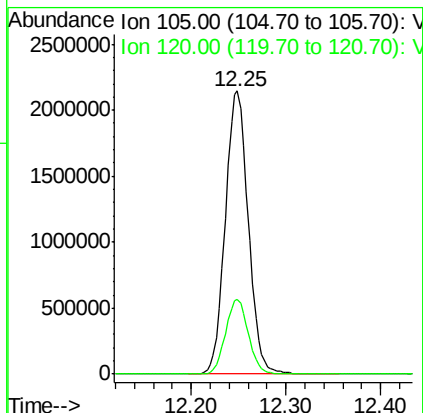
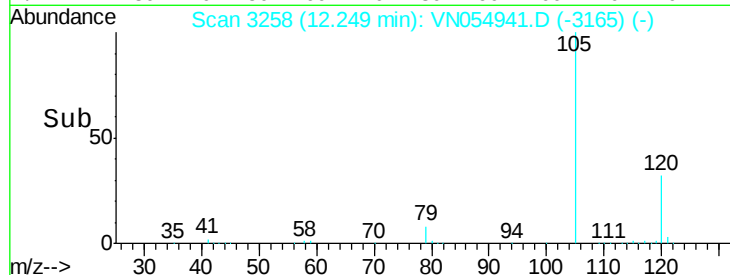
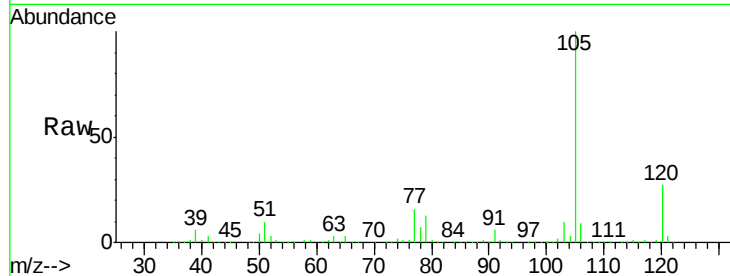
VSTDIC150

Tgt Ion:105 Resp: 3616482

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 156.325 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Tgt Ion: 43 Resp: 1192603

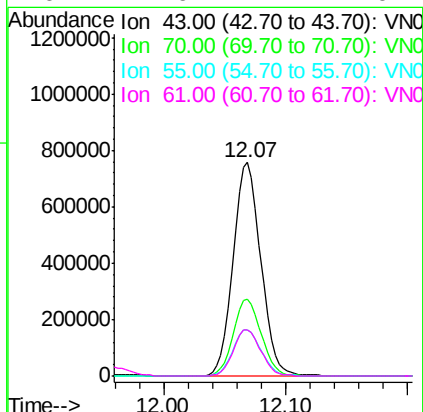
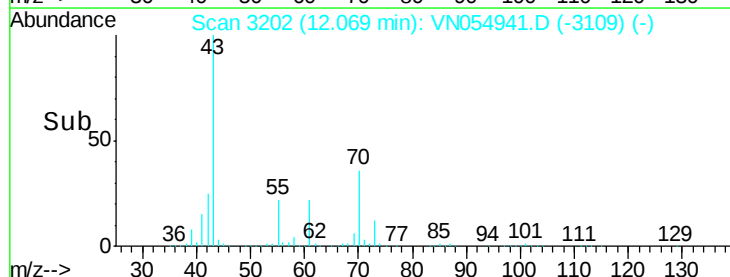
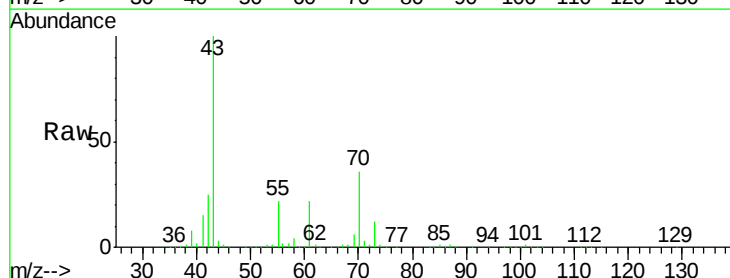
Ion Ratio Lower Upper

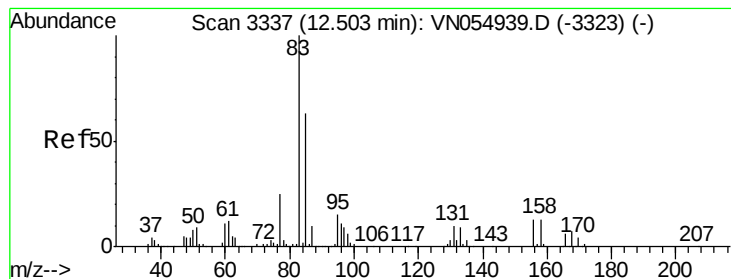
43 100

70 36.3 29.3 43.9

55 22.4 19.2 28.8

61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 126.450 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

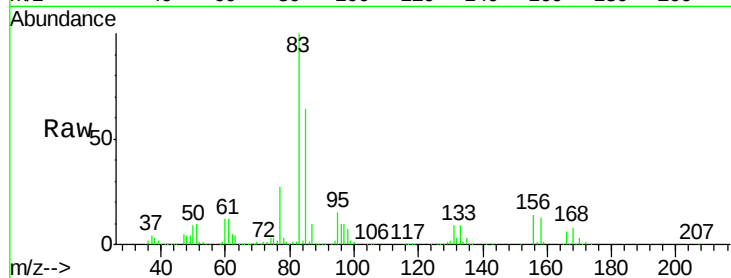
Tgt Ion: 83 Resp: 852484

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

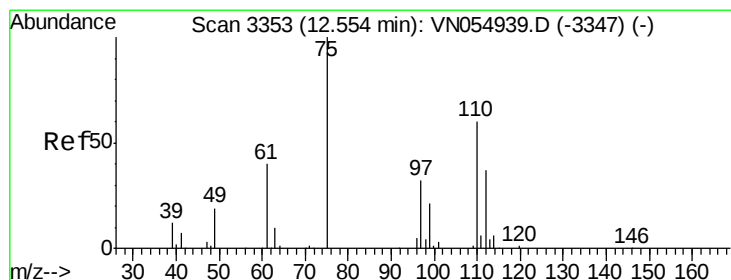
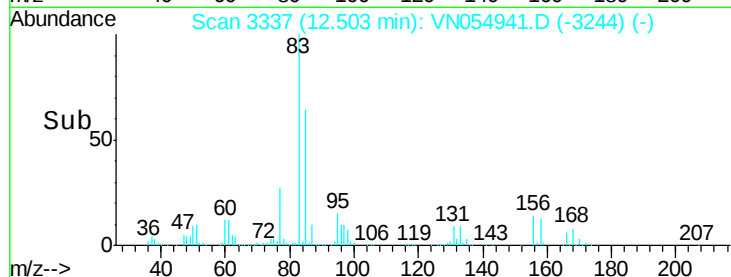
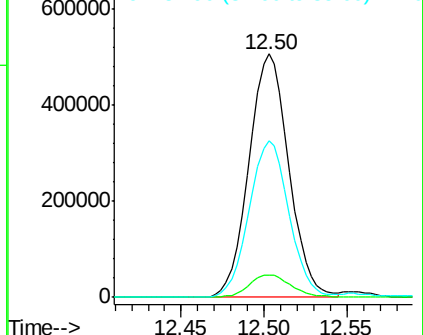
85 64.2 31.4 94.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 201.856 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN054941.D

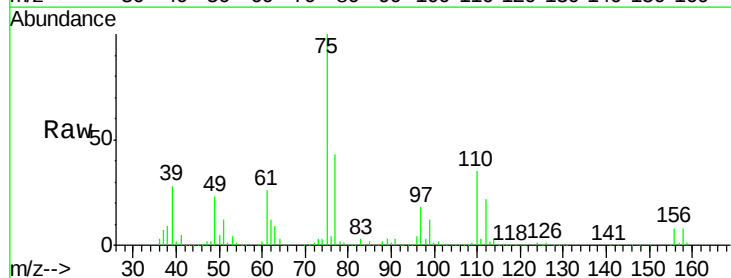
Acq: 4 Apr 2019 11:58

Tgt Ion: 75 Resp: 1066263

Ion Ratio Lower Upper

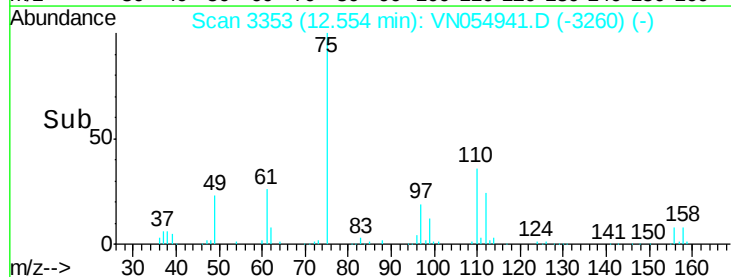
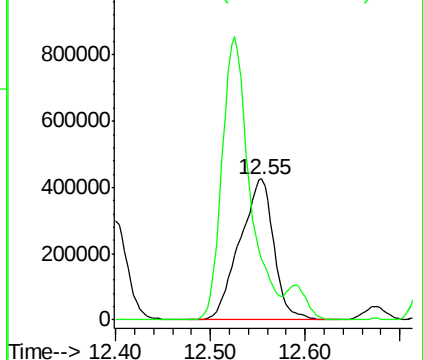
75 100

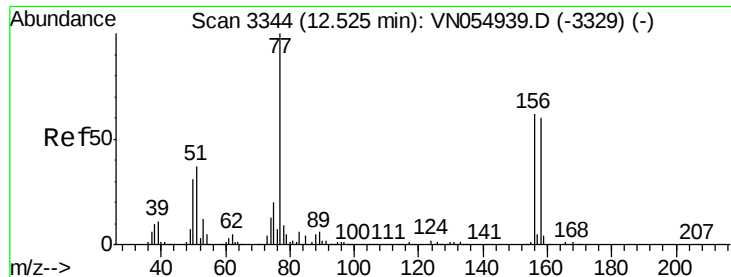
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 136.739 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

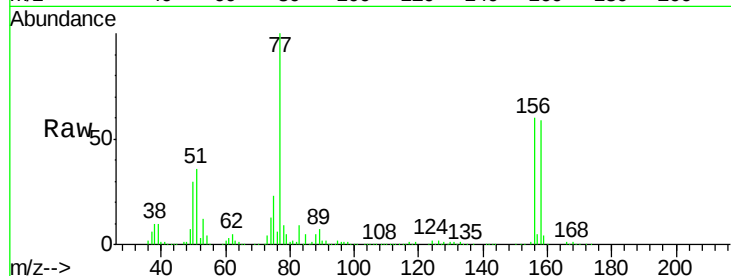
Tgt Ion:156 Resp: 908894

Ion Ratio Lower Upper

156 100

77 192.3 93.1 279.3

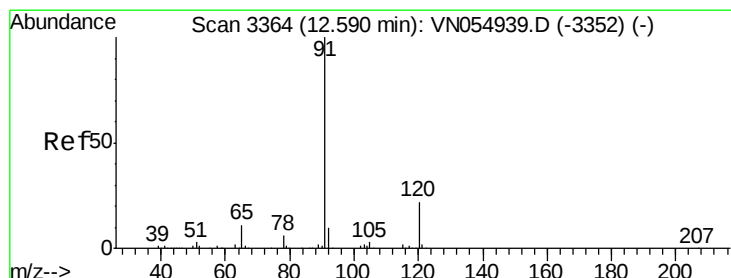
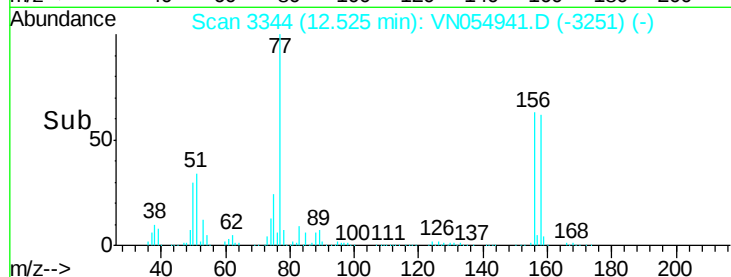
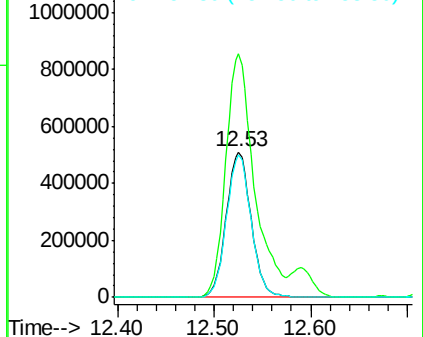
158 97.6 48.4 145.3



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: 138.477 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054941.D

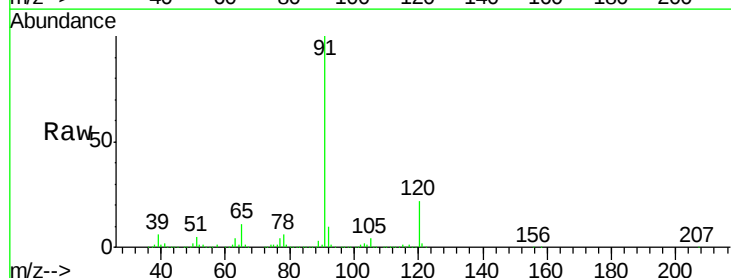
Acq: 4 Apr 2019 11:58

Tgt Ion: 91 Resp: 4187441

Ion Ratio Lower Upper

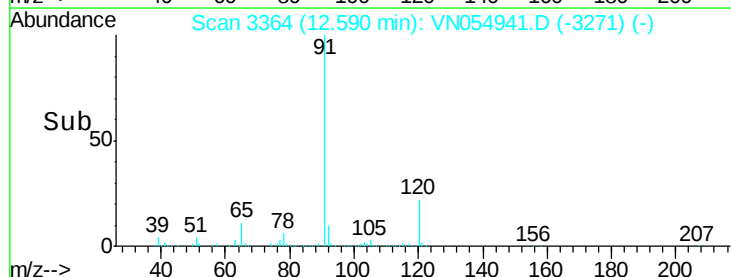
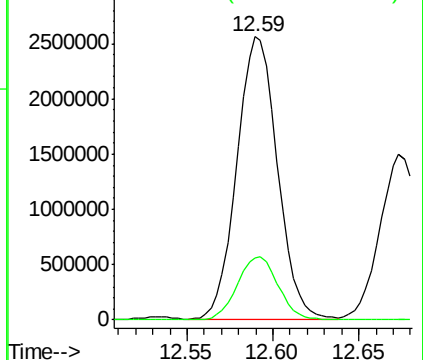
91 100

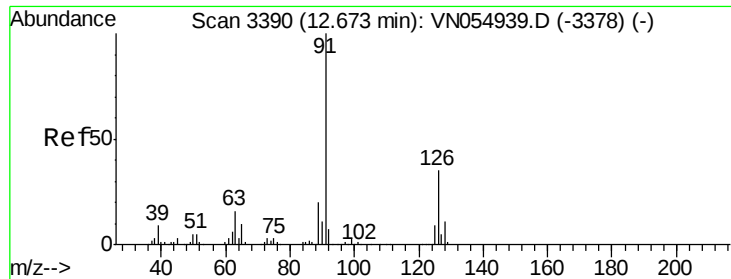
120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 131.996 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

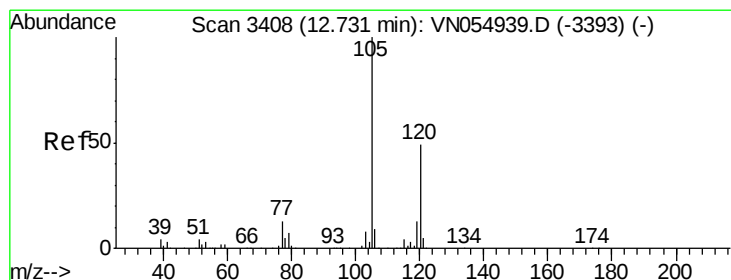
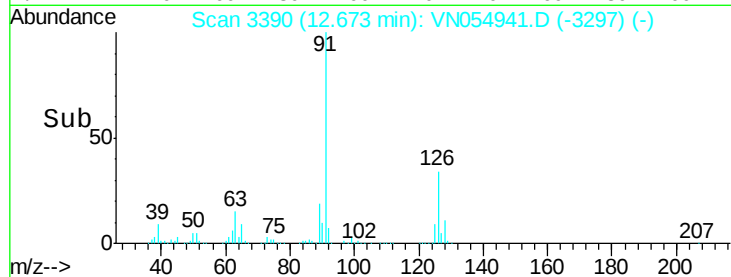
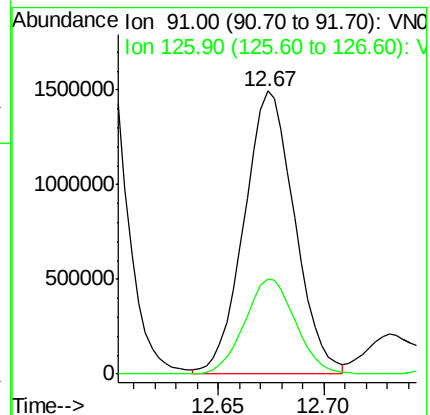
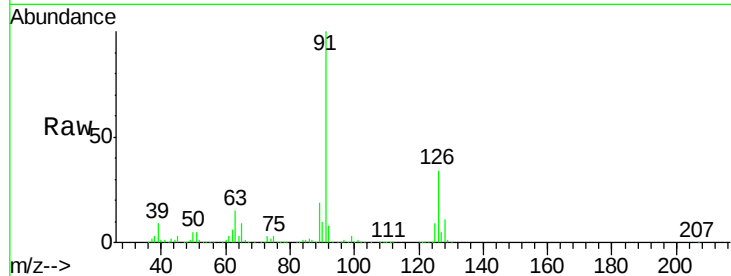
VSTDIC150

Tgt Ion: 91 Resp: 2473702

Ion Ratio Lower Upper

91 100

126 34.3 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 136.070 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054941.D

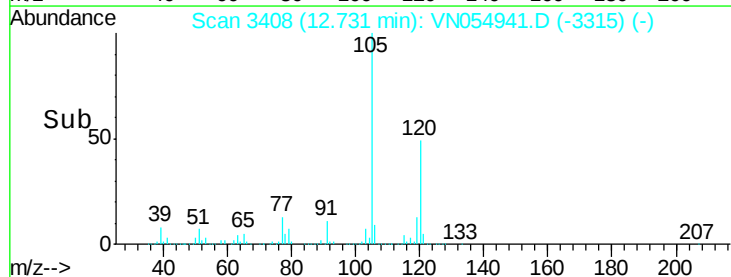
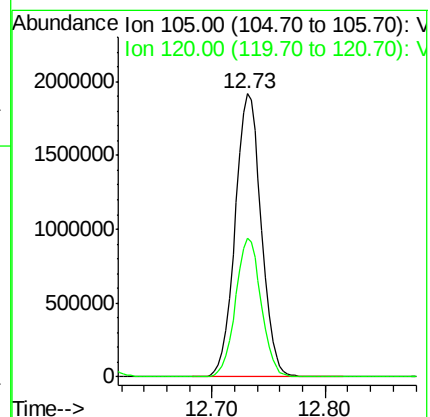
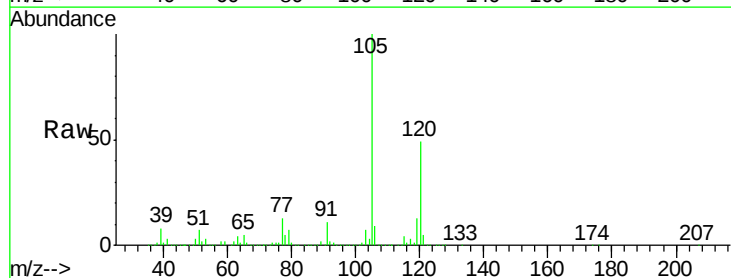
Acq: 4 Apr 2019 11:58

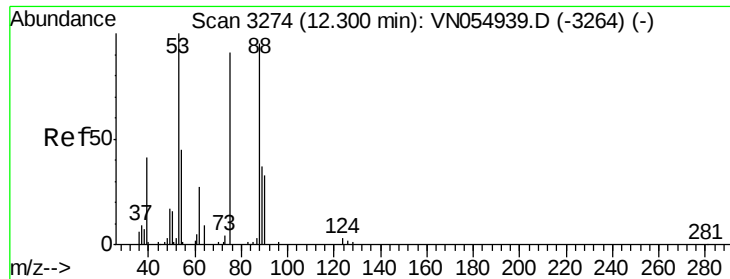
Tgt Ion: 105 Resp: 3067140

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 178.880 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

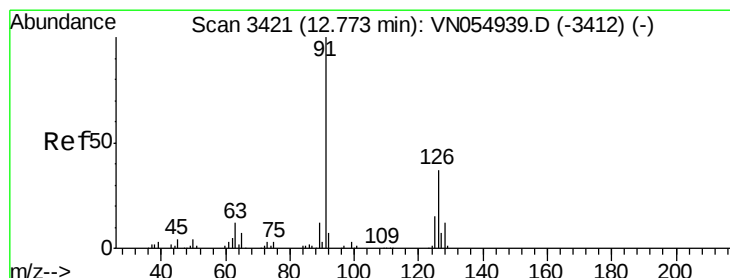
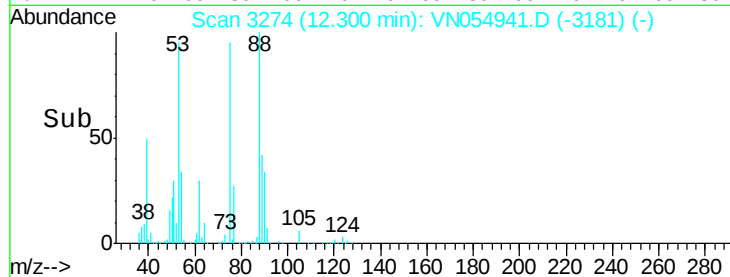
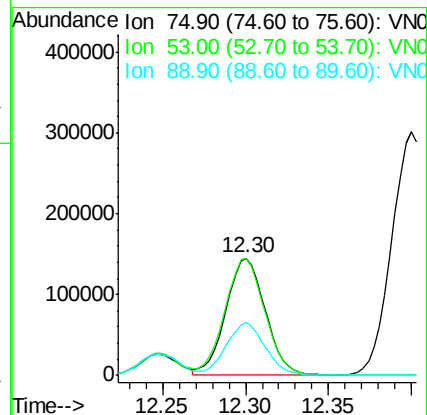
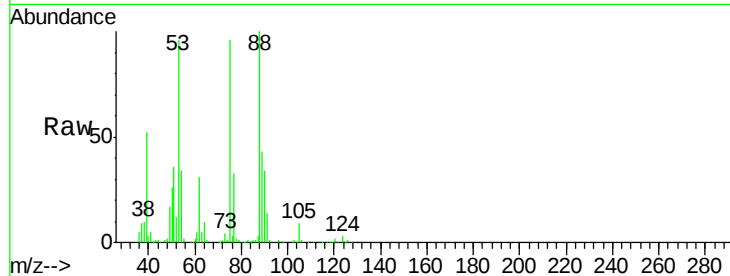
Tgt Ion: 75 Resp: 238044

Ion Ratio Lower Upper

75 100

53 102.3 92.8 139.2

89 45.2 36.7 55.1



#82

4-Chlorotoluene

Concen: 142.888 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054941.D

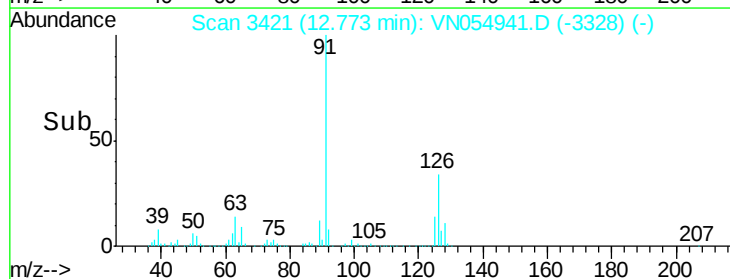
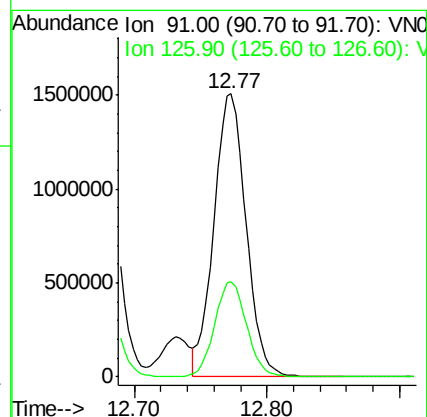
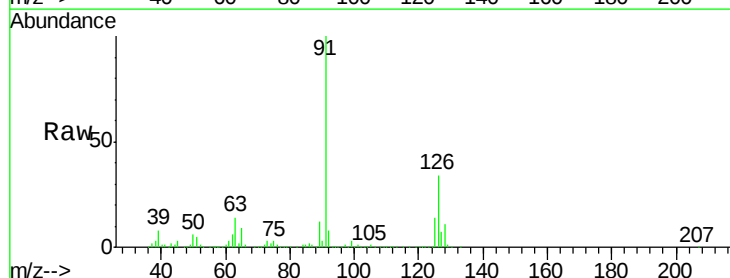
Acq: 4 Apr 2019 11:58

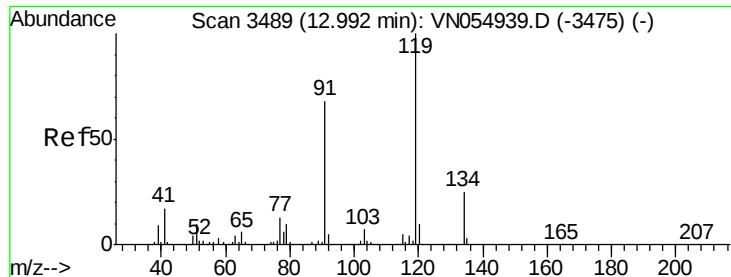
Tgt Ion: 91 Resp: 2532827

Ion Ratio Lower Upper

91 100

126 33.6 16.9 50.7

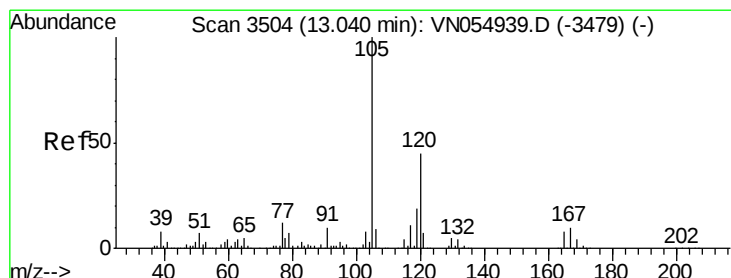
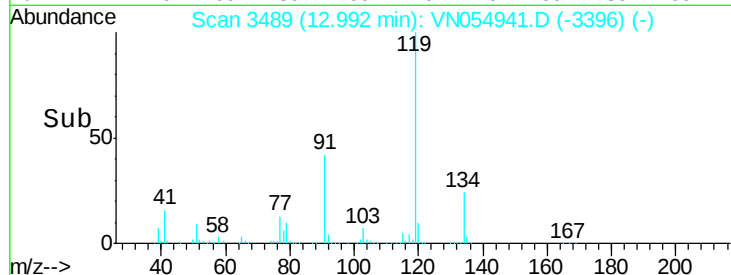
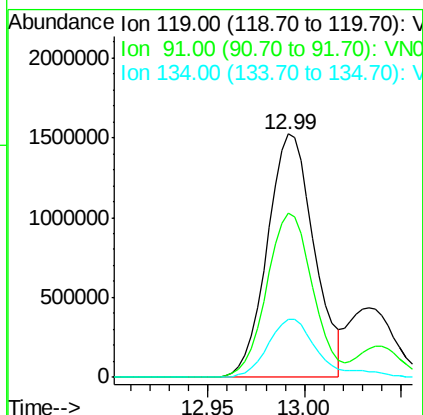
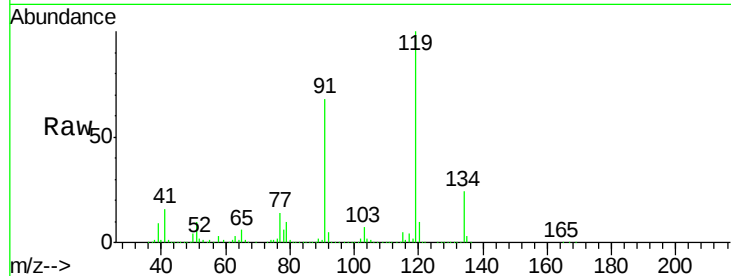




#83
 tert-Butylbenzene
 Concen: 133.655 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

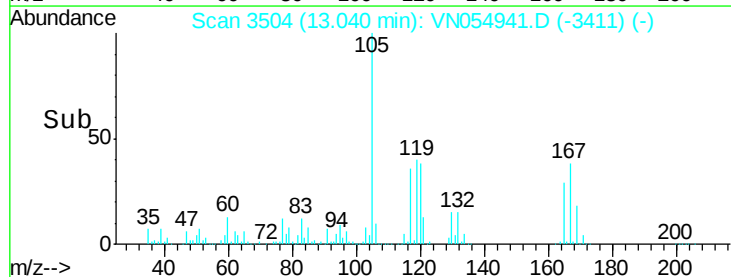
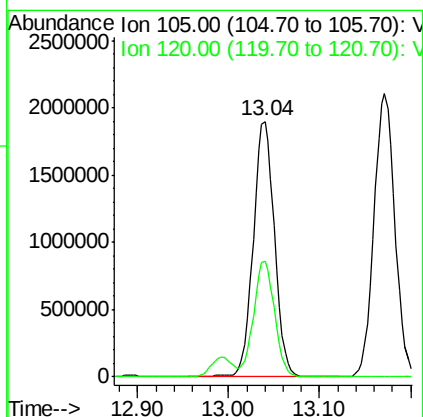
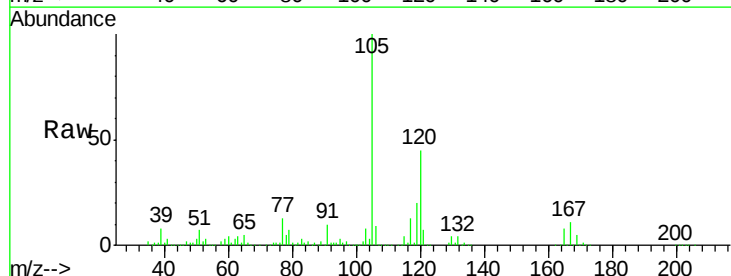
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

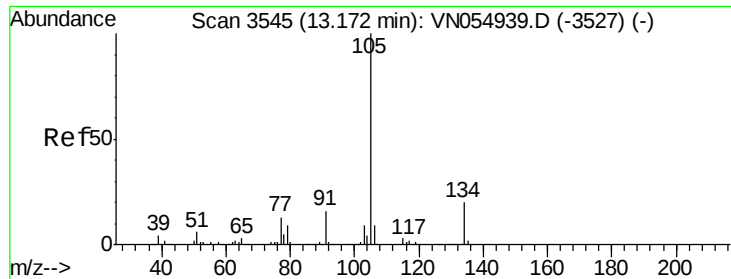
Tgt Ion:119 Resp: 2562812
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.5 100.5
 134 26.0 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 140.699 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion:105 Resp: 3068477
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

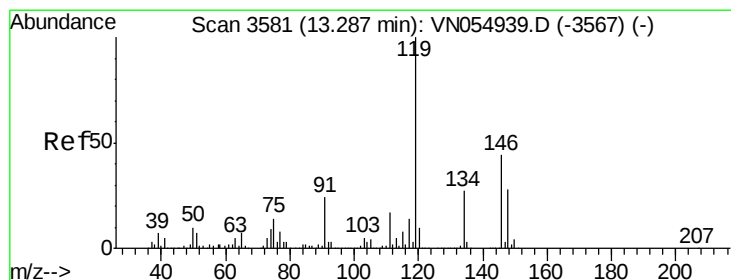
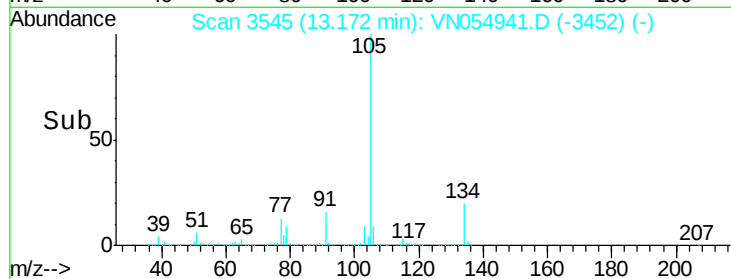
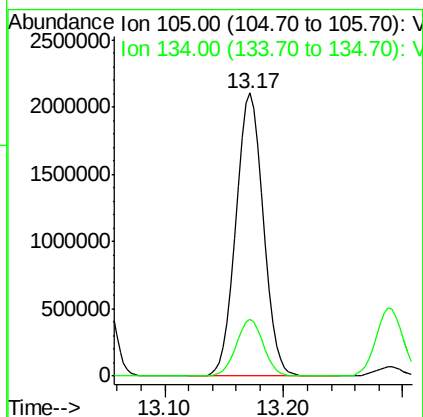
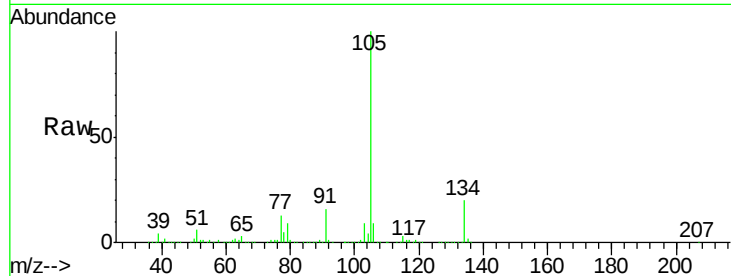




#85
 sec-Butylbenzene
 Concen: 135.318 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

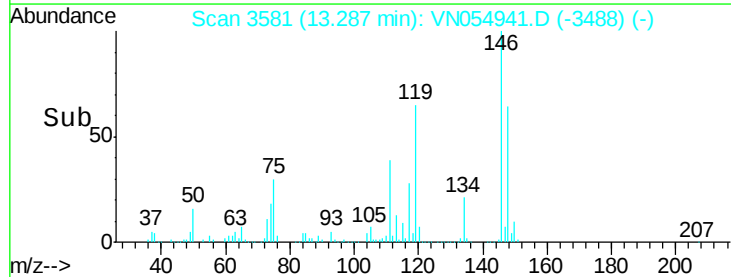
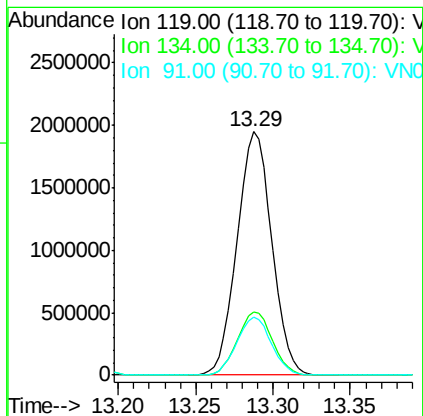
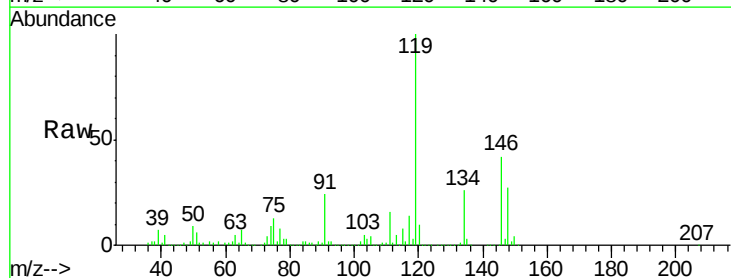
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

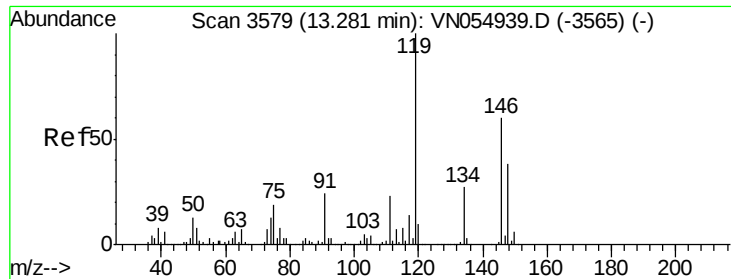
Tgt Ion:105 Resp: 3356141
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 142.187 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion:119 Resp: 3038498
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.5
 91 23.7 11.9 35.7

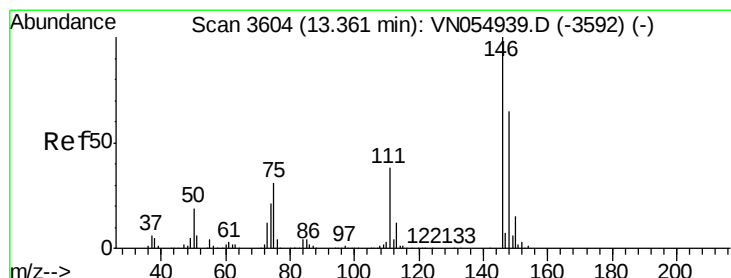
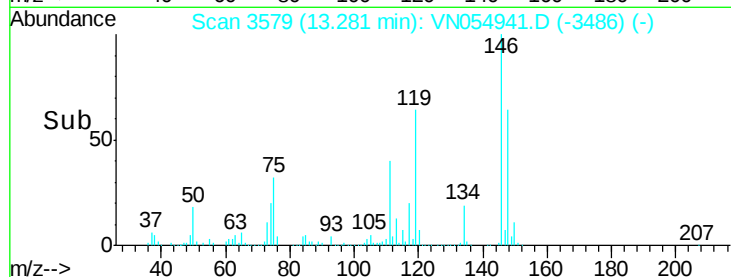
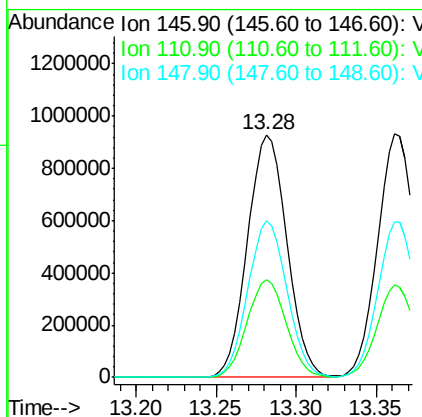
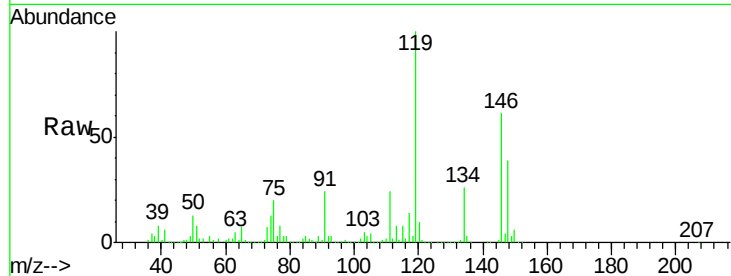




#87
 1,3-Dichlorobenzene
 Concen: 141.878 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

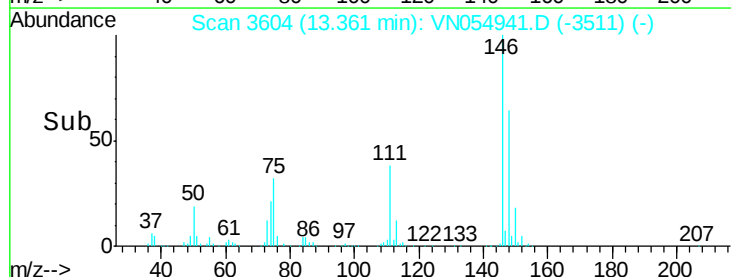
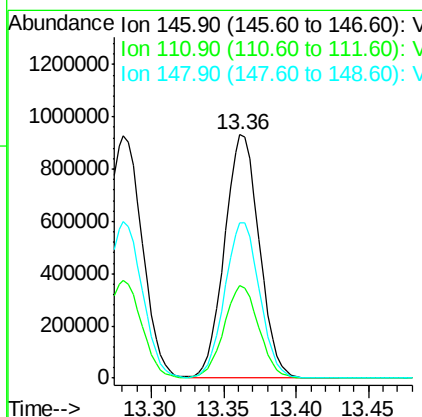
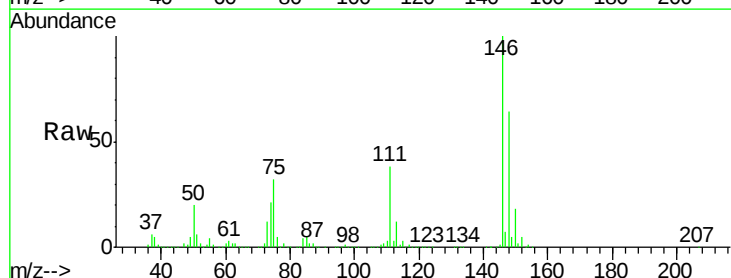
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

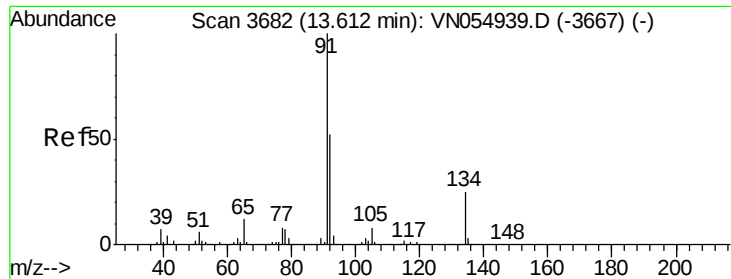
Tgt Ion:146 Resp: 1568710
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.7
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 146.580 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion:146 Resp: 1542807
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.2 57.6
 148 64.2 31.9 95.7

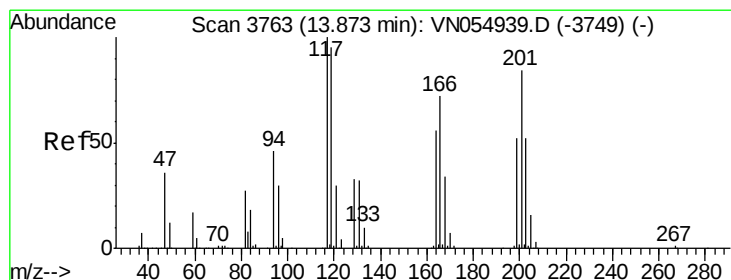
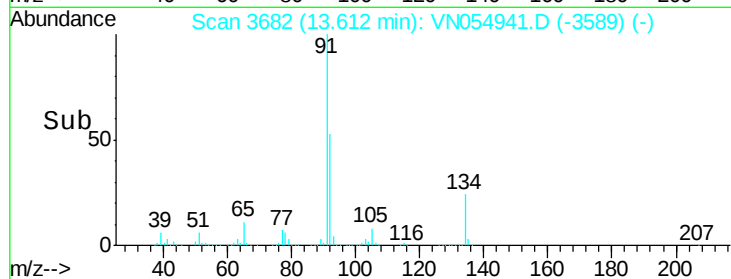
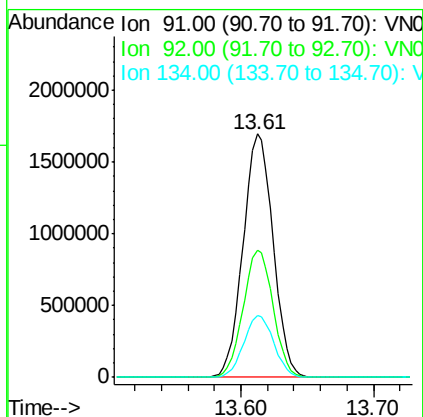
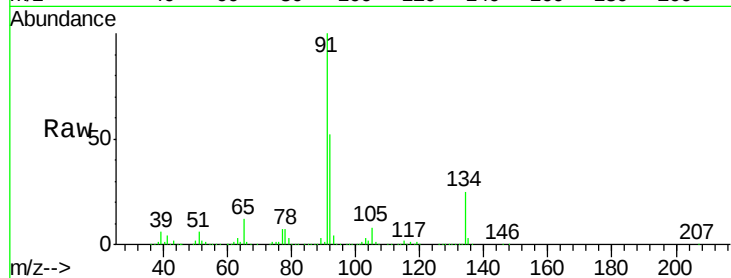




#89
n-Butylbenzene
Concen: 155.596 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

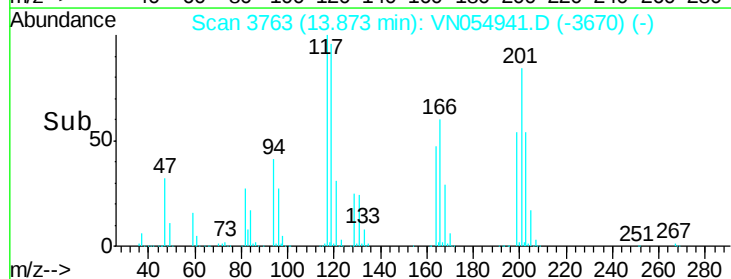
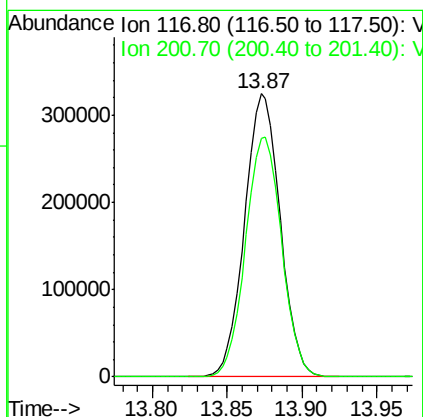
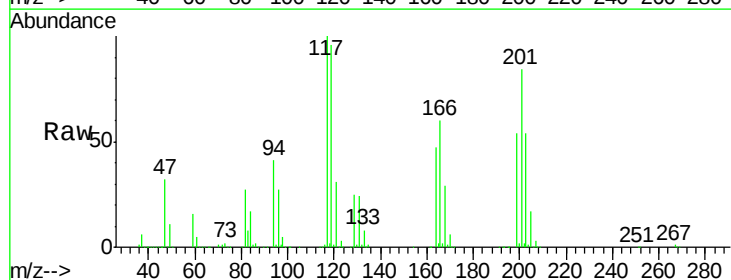
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

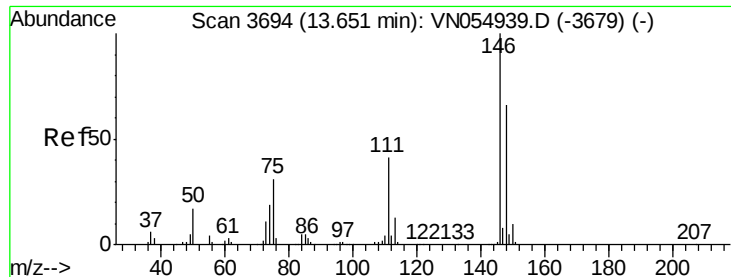
Tgt Ion: 91 Resp: 2657329
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 25.5 12.6 37.8



#90
Hexachloroethane
Concen: 149.734 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN054941.D
Acq: 4 Apr 2019 11:58

Tgt Ion: 117 Resp: 537495
Ion Ratio Lower Upper
117 100
201 86.1 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 137.847 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

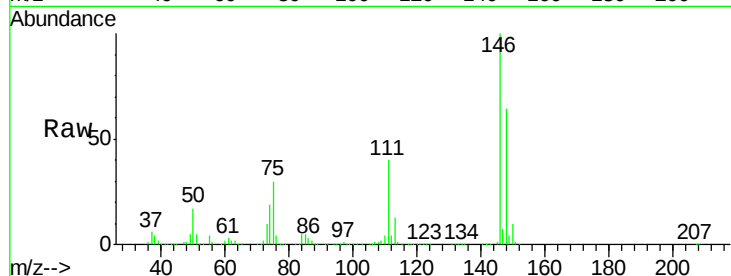
Tgt Ion:146 Resp: 1496430

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.5

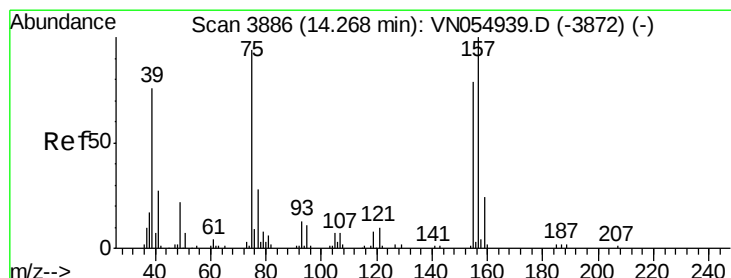
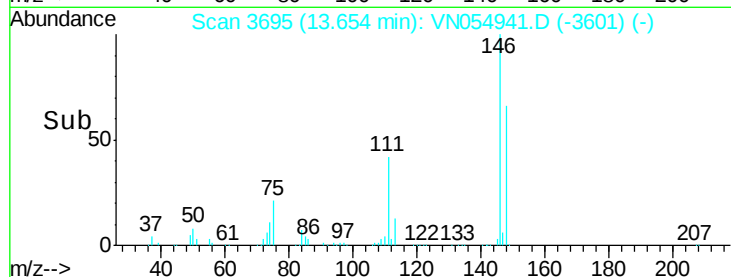
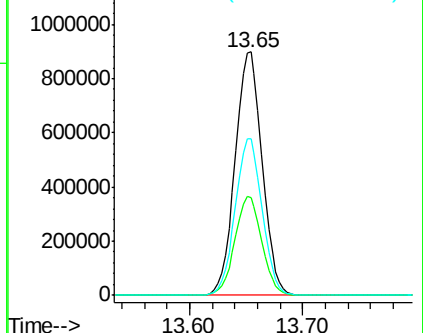
148 64.2 32.1 96.5



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: 140.193 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

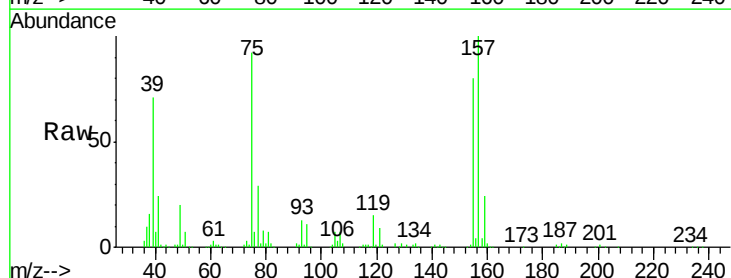
Tgt Ion: 75 Resp: 131711

Ion Ratio Lower Upper

75 100

155 86.0 41.5 124.6

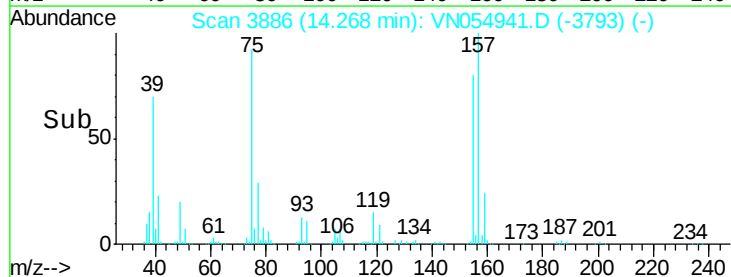
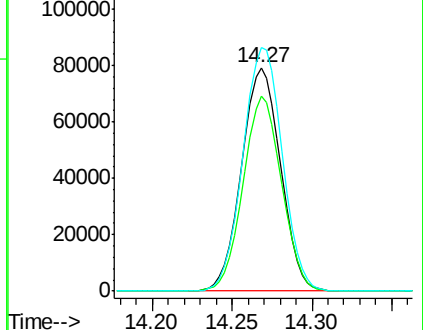
157 110.1 54.4 163.2

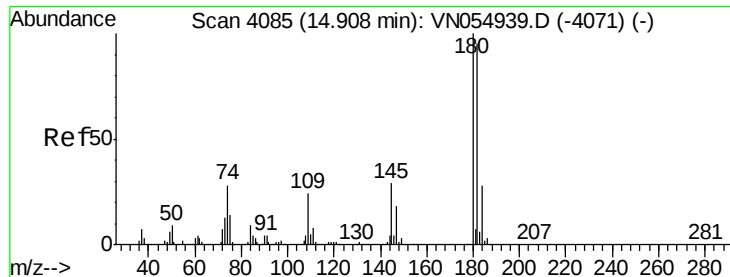


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

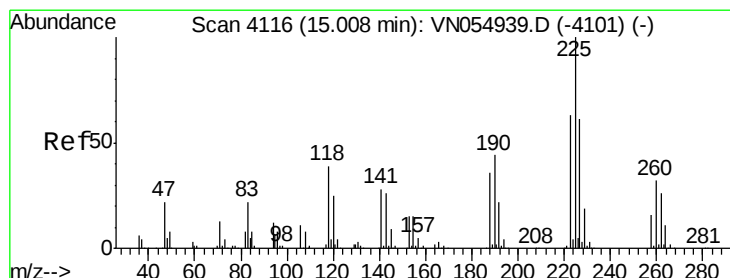
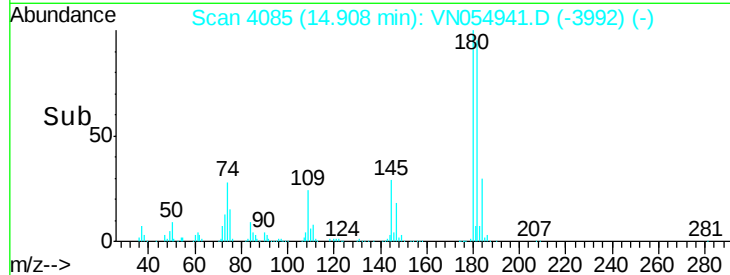
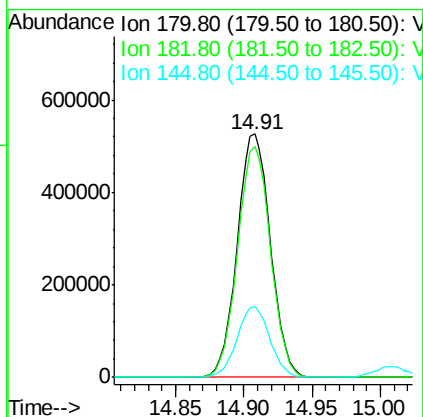
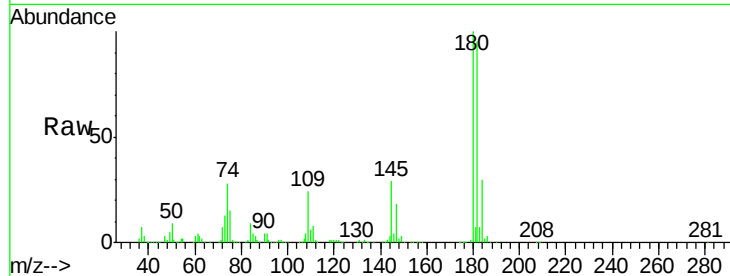




#93
 1,2,4-Trichlorobenzene
 Concen: 183.537 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

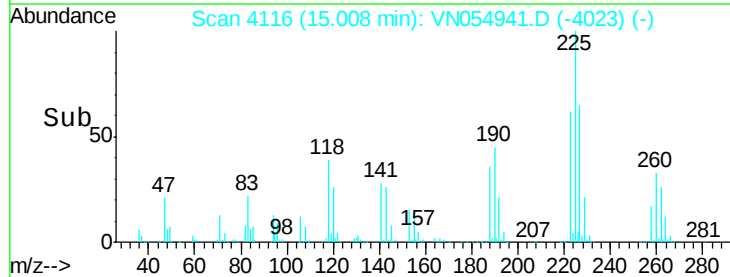
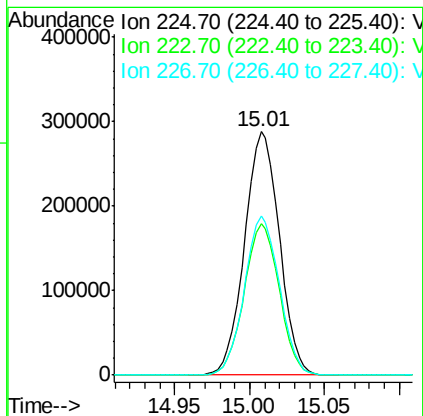
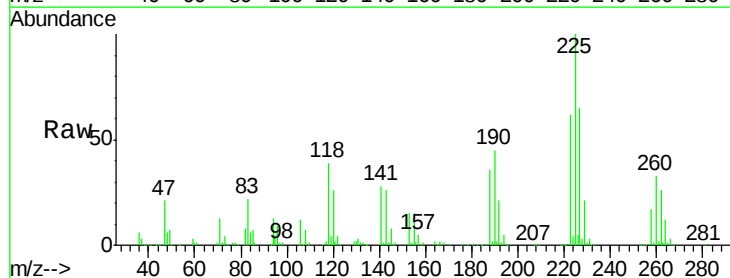
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

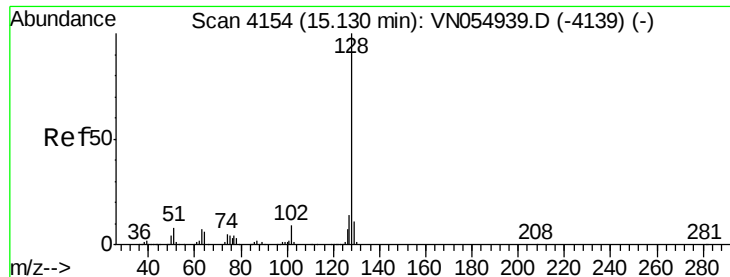
Tgt Ion:180 Resp: 886401
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.5 142.6
 145 28.7 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 128.960 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN054941.D
 Acq: 4 Apr 2019 11:58

Tgt Ion:225 Resp: 468354
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.5
 227 65.3 30.9 92.5





#95

Naphthalene

Concen: 183.315 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

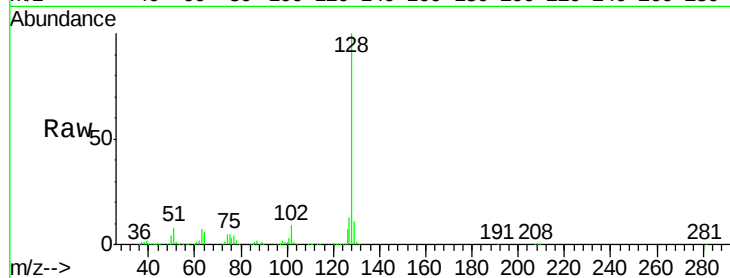
Tgt Ion:128 Resp: 1942686

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

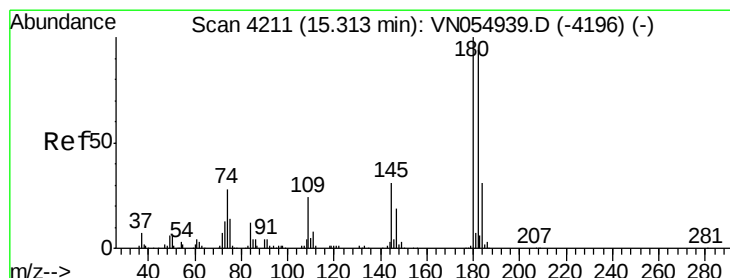
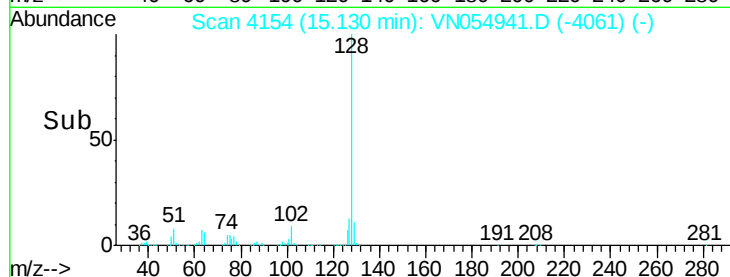
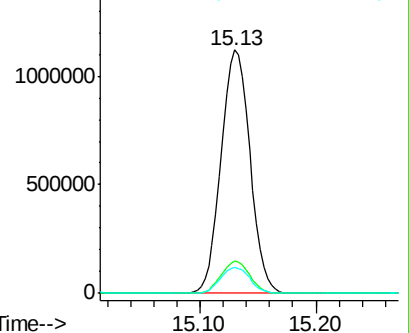
129 10.7 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 167.761 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054941.D

Acq: 4 Apr 2019 11:58

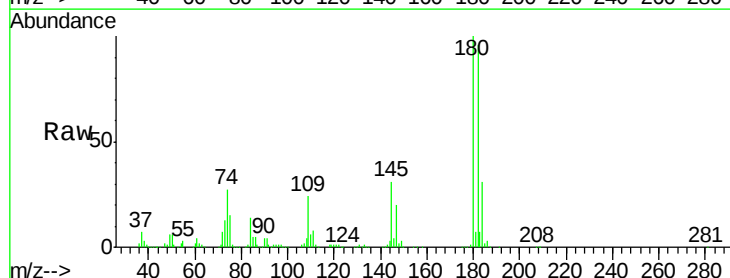
Tgt Ion:180 Resp: 836308

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.5

145 30.6 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

