

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
 Data File : VN049633.D
 Acq On : 29 Jun 2018 15:35
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062918

Quant Time: Jun 30 01:08:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1506619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2170715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1975920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1108585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	938864	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	7.59	113	808766	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.09	98	3243957	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.40	95	1138862	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	790355	46.550	ug/l	96
3) Chloromethane	2.06	50	907294	42.784	ug/l	99
4) Vinyl Chloride	2.18	62	1001989	43.993	ug/l	100
5) Bromomethane	2.56	94	502008	41.960	ug/l	99
6) Chloroethane	2.70	64	618895	42.931	ug/l	99
7) Trichlorofluoromethane	3.02	101	1132707	43.538	ug/l	98
8) Diethyl Ether	3.40	74	463826	43.984	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	830192	44.353	ug/l	100
10) Methyl Iodide	3.94	142	1140728	48.696	ug/l	100
11) Tert butyl alcohol	4.79	59	265677	232.698	ug/l	99
12) 1,1-Dichloroethene	3.73	96	745020	42.102	ug/l	99
13) Acrolein	3.60	56	233549	218.994	ug/l	100
14) Allyl chloride	4.32	41	1037296	42.675	ug/l	100
15) Acrylonitrile	4.99	53	1322301	224.240	ug/l	99
16) Acetone	3.82	43	888164	221.365	ug/l	99
17) Carbon Disulfide	4.05	76	2159774	44.303	ug/l	100
18) Methyl Acetate	4.32	43	778887	43.471	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	2098980	46.012	ug/l	99
20) Methylene Chloride	4.55	84	835669	40.788	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	795789	43.696	ug/l	99
22) Diisopropyl ether	5.95	45	2508655	45.617	ug/l	99
23) Vinyl Acetate	5.89	43	8470473	237.520	ug/l	100
24) 1,1-Dichloroethane	5.84	63	1496888	43.207	ug/l	100
25) 2-Butanone	6.83	43	1489174	225.457	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1287022	44.728	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	906909	44.580	ug/l	99
28) Bromochloromethane	7.19	49	711173	48.366	ug/l	99
29) Tetrahydrofuran	7.21	42	988921	234.904	ug/l	99
30) Chloroform	7.37	83	1520067	43.042	ug/l	99
31) Cyclohexane	7.65	56	1346244	45.261	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1317892	44.077	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1163463	47.640	ug/l	100
37) Ethyl Acetate	6.93	43	699146	49.082	ug/l	99
38) Carbon Tetrachloride	7.77	117	1137720	47.891	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1295879	48.396	ug/l	99
40) Benzene	8.04	78	3435424	46.069	ug/l	99
41) Methacrylonitrile	7.17	41	392604	48.896	ug/l	98
42) 1,2-Dichloroethane	8.12	62	1090391	45.817	ug/l	100
43) Isopropyl Acetate	8.17	43	1333347	47.109	ug/l #	88
44) Trichloroethene	8.83	130	992853	44.148	ug/l	100
45) 1,2-Dichloropropane	9.12	63	901232	46.777	ug/l	100
46) Dibromomethane	9.21	93	535552	45.948	ug/l	98
47) Bromodichloromethane	9.40	83	1157776	46.661	ug/l	99
48) Methyl methacrylate	9.20	41	609208	48.128	ug/l	97
49) 1,4-Dioxane	9.20	88	164983	969.496	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	3445644	246.719	ug/l	100
52) Toluene	10.16	92	2149803	47.719	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1166085	49.081	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1336346	48.126	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	770672	45.943	ug/l	99
56) Ethyl methacrylate	10.43	69	1003322	51.027	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1288818	47.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1805579	179.386	ug/l	99
59) 2-Hexanone	10.75	43	2370930	256.733	ug/l	100
60) Dibromochloromethane	10.90	129	865531	47.740	ug/l	99
61) 1,2-Dibromoethane	11.01	107	748257	46.555	ug/l	99
64) Tetrachloroethene	10.63	164	1137068	42.500	ug/l	100
65) Chlorobenzene	11.43	112	2346641	45.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	859265	46.394	ug/l	100
67) Ethyl Benzene	11.51	91	4068643	47.750	ug/l	100
68) m/p-Xylenes	11.62	106	3206654	98.201	ug/l	99
69) o-Xylene	11.95	106	1517558	48.541	ug/l	99
70) Styrene	11.96	104	2522778	49.872	ug/l	99
71) Bromoform	12.13	173	594328	48.293	ug/l	100
73) Isopropylbenzene	12.25	105	4049881	45.863	ug/l	100
74) N-amyl acetate	12.07	43	1125326	46.654	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	870064	47.372	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1162756	65.399	ug/l #	100
77) Bromobenzene	12.53	156	1029288	42.866	ug/l	100
78) n-propylbenzene	12.59	91	4780941	47.241	ug/l	100
79) 2-Chlorotoluene	12.68	91	2824673	44.101	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3461659	47.175	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	249583	47.679	ug/l	99
82) 4-Chlorotoluene	12.77	91	2896269	44.973	ug/l	100
83) tert-Butylbenzene	12.99	119	2874216	45.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3566101	47.296	ug/l	99
85) sec-Butylbenzene	13.17	105	3945144	47.238	ug/l	100
86) p-Isopropyltoluene	13.29	119	3521381	48.679	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1888140	46.393	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1856302	46.445	ug/l	99
89) n-Butylbenzene	13.62	91	3005430	48.529	ug/l	100
90) Hexachloroethane	13.88	117	434049	57.123	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1852745	47.384	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	147964	48.023	ug/l	96

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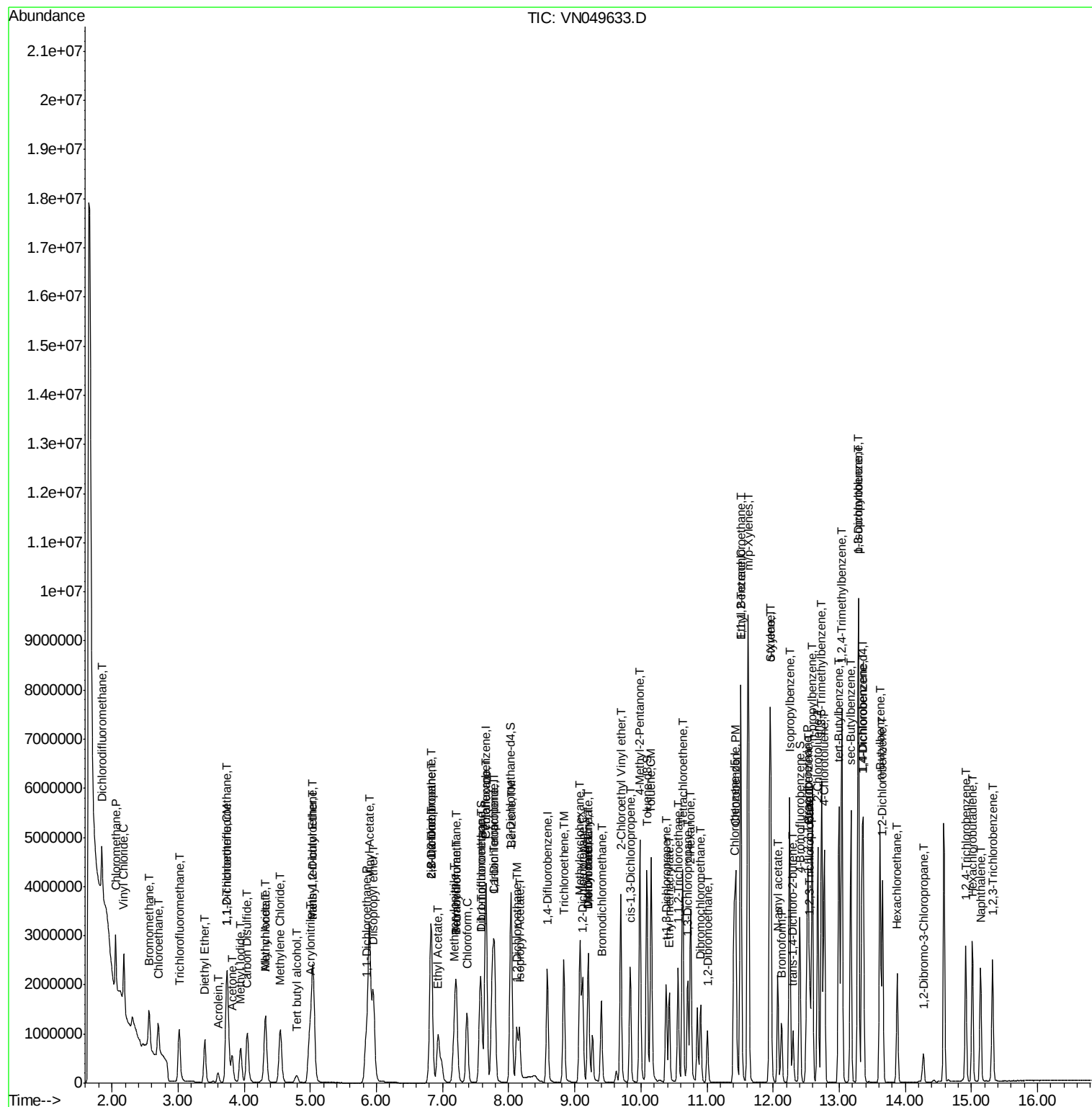
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	946484	46.513	ug/l	99
94) Hexachlorobutadiene	15.01	225	599953	50.999	ug/l	99
95) Naphthalene	15.14	128	1996252	44.798	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	901719	46.605	ug/l	99

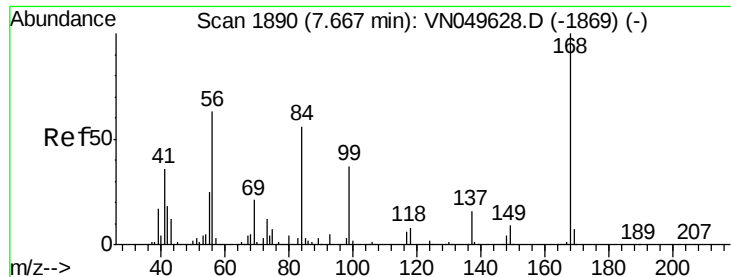
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

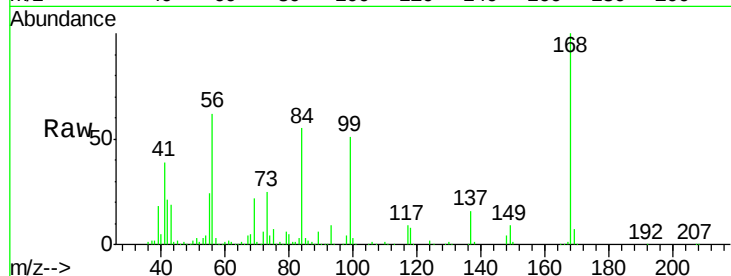
ICVVN062918

Tgt Ion:168 Resp: 1506619

Ion Ratio Lower Upper

168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

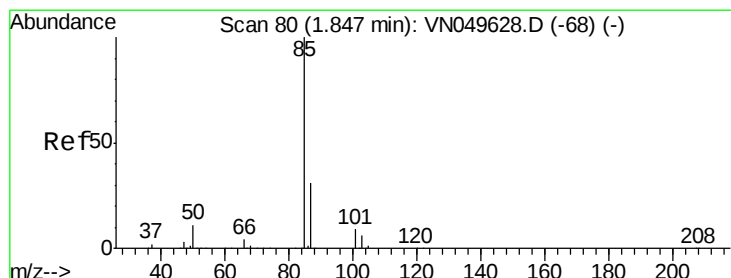
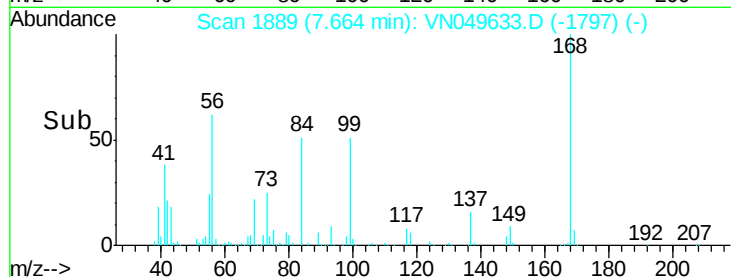
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.550 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049633.D

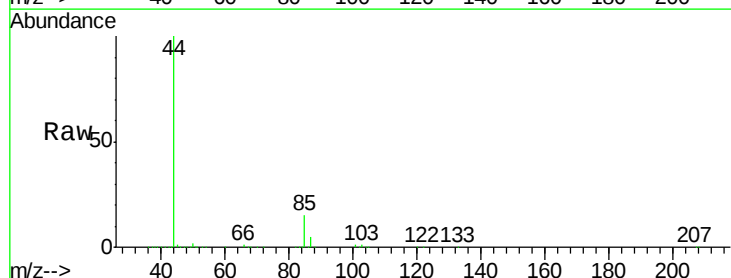
Acq: 29 Jun 2018 15:35

Tgt Ion: 85 Resp: 790355

Ion Ratio Lower Upper

85 100

87 33.0 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

600000

500000

400000

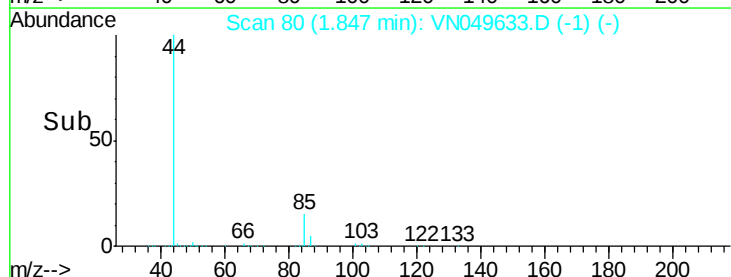
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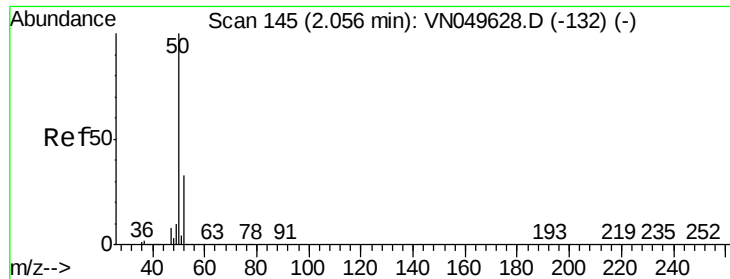
200000

100000

0

Time-->





#3

Chloromethane

Concen: 42.784 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

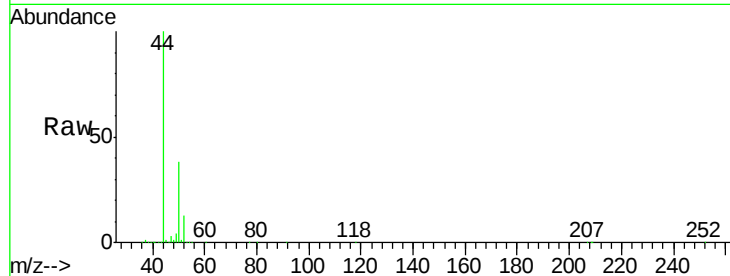
ICVVN062918

Tgt Ion: 50 Resp: 907294

Ion Ratio Lower Upper

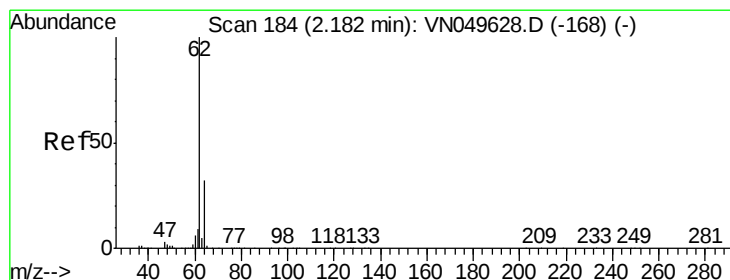
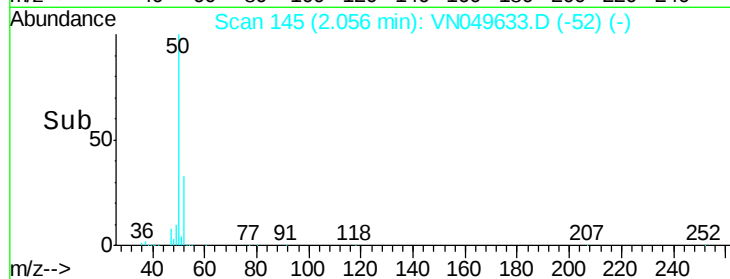
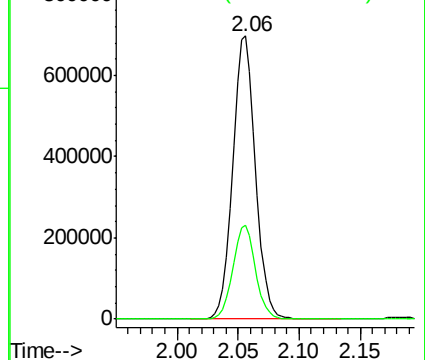
50 100

52 33.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 43.993 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049633.D

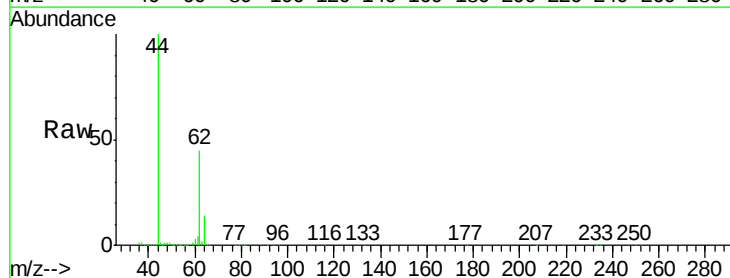
Acq: 29 Jun 2018 15:35

Tgt Ion: 62 Resp: 1001989

Ion Ratio Lower Upper

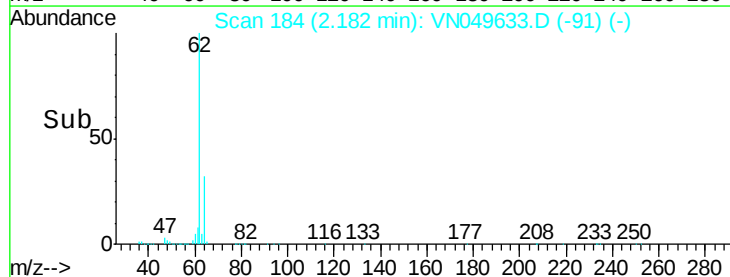
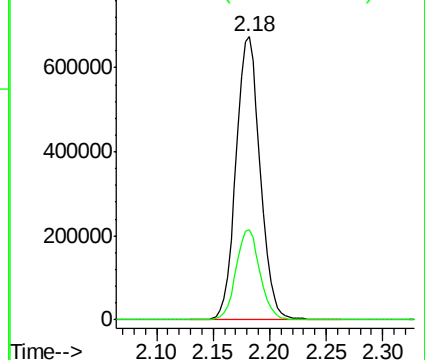
62 100

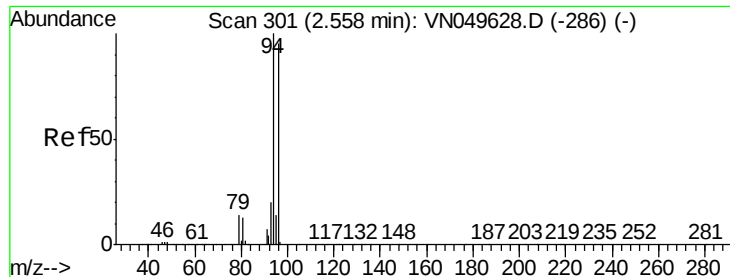
64 31.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 41.960 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

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ClientSampleId :

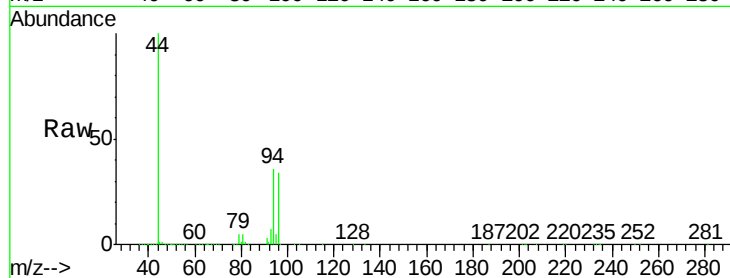
ICV062918

Tgt Ion: 94 Resp: 502008

Ion Ratio Lower Upper

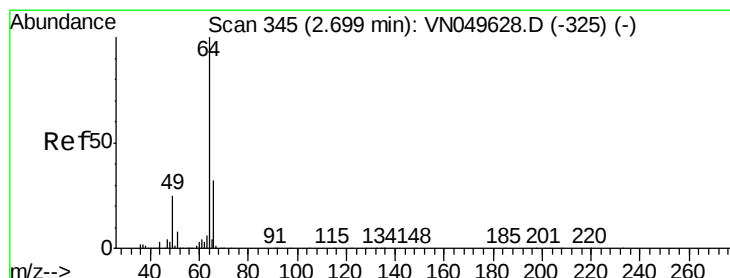
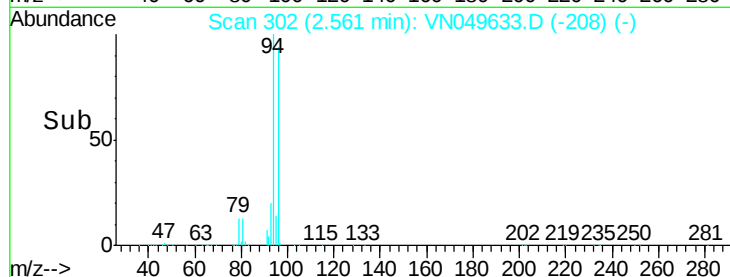
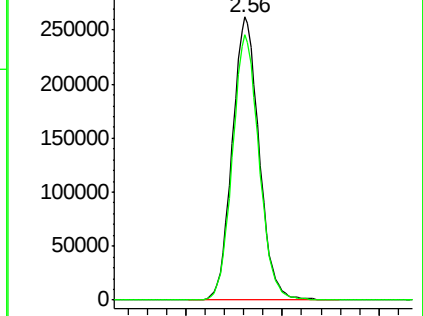
94 100

96 93.7 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 42.931 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049633.D

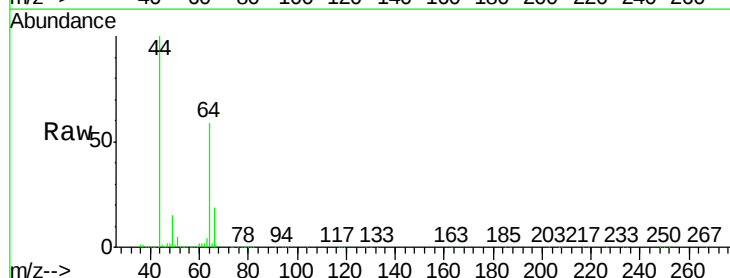
Acq: 29 Jun 2018 15:35

Tgt Ion: 64 Resp: 618895

Ion Ratio Lower Upper

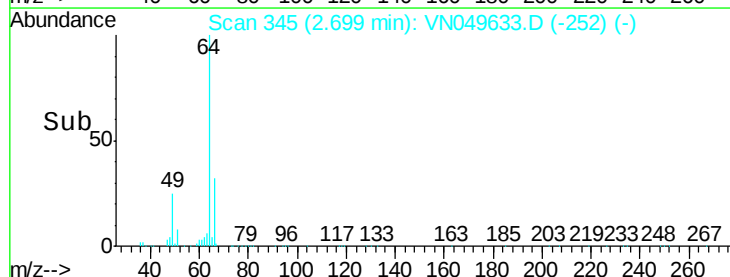
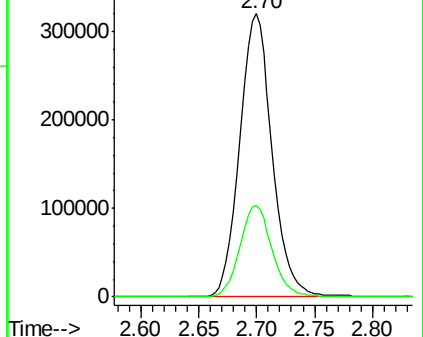
64 100

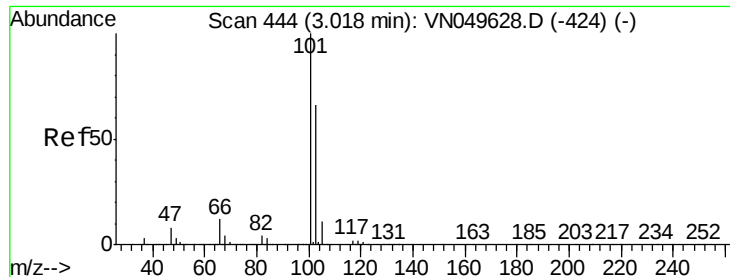
66 32.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



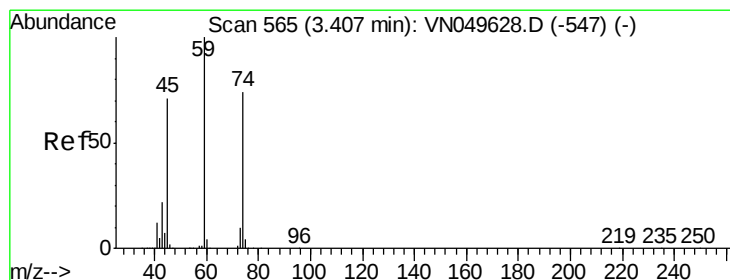
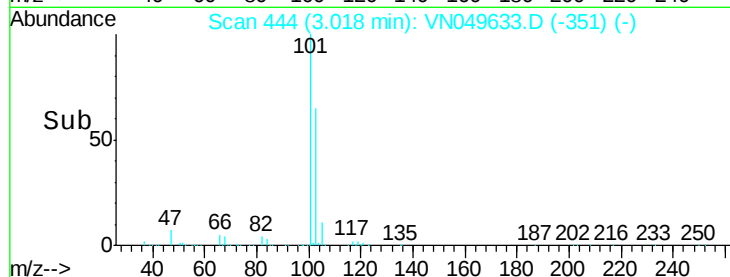
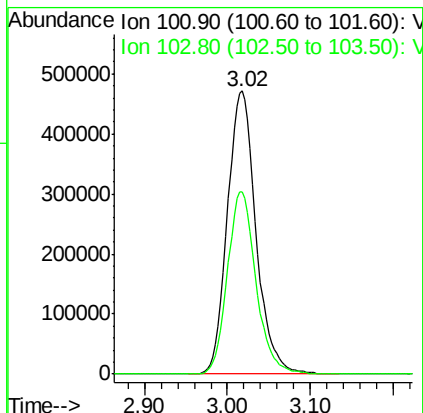
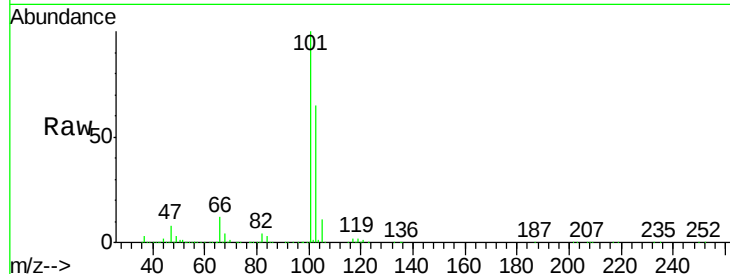


#7

Trichlorofluoromethane
Concen: 43.538 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Instrument :
MSVOA_N
ClientSampled :
ICVVN062918

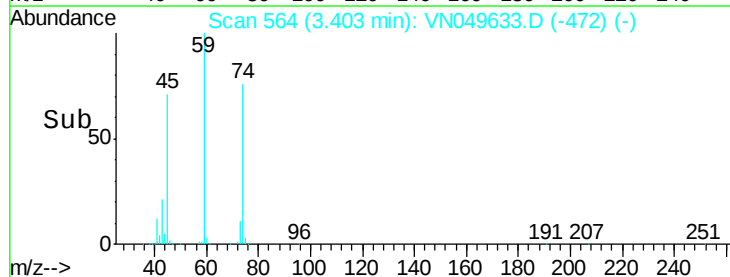
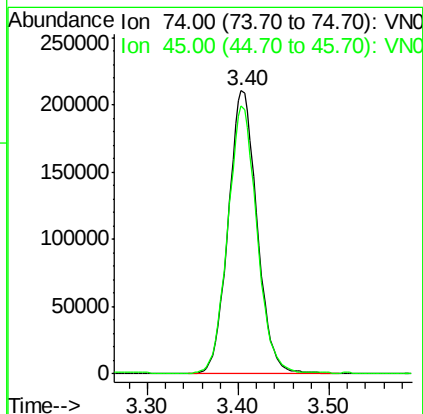
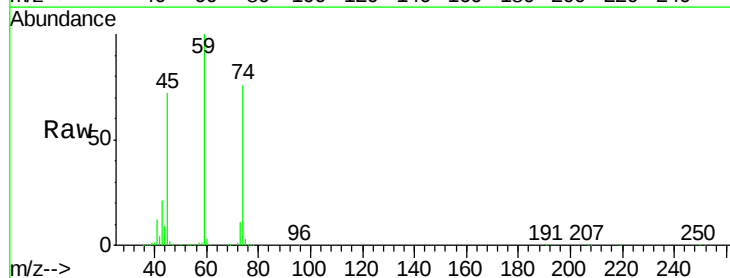
Tgt Ion:101 Resp: 1132707
Ion Ratio Lower Upper
101 100
103 64.6 52.8 79.2

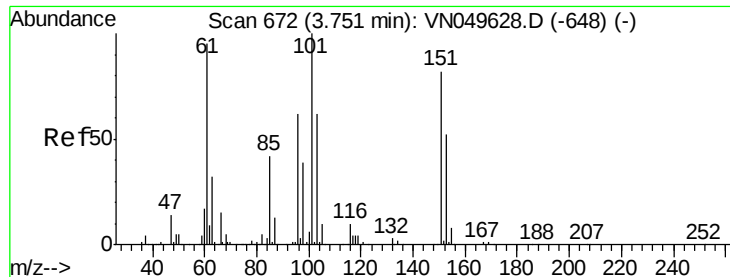


#8

Diethyl Ether
Concen: 43.984 ug/l
RT: 3.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 74 Resp: 463826
Ion Ratio Lower Upper
74 100
45 94.8 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.353 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062918

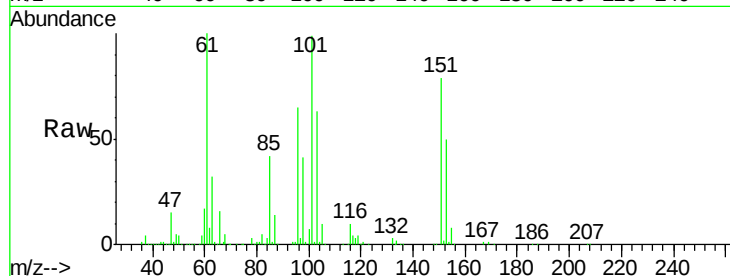
Tgt Ion:101 Resp: 830192

Ion Ratio Lower Upper

101 100

85 42.8 34.4 51.6

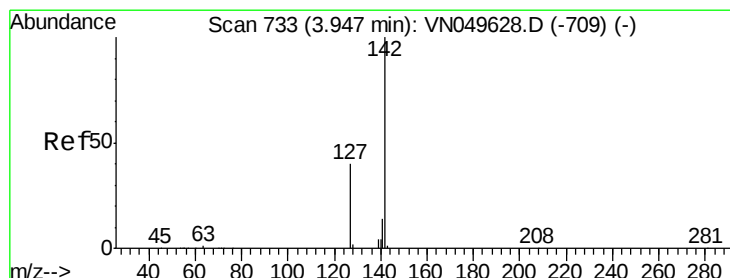
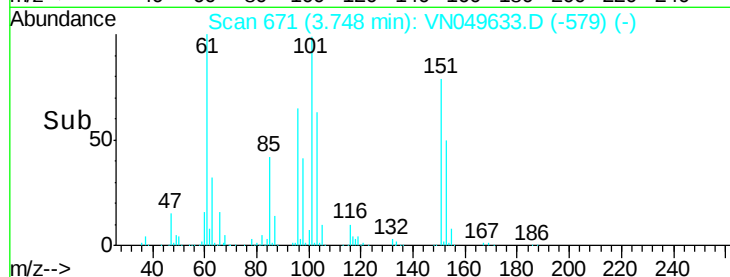
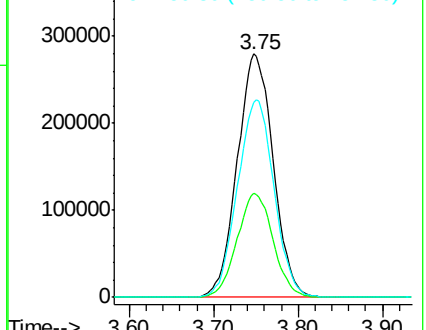
151 82.5 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.696 ug/l

RT: 3.94 min Scan# 732

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

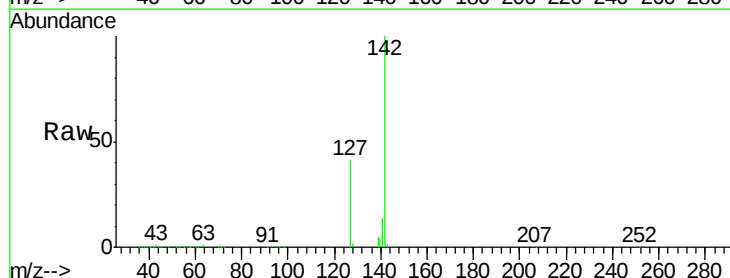
Tgt Ion:142 Resp: 1140728

Ion Ratio Lower Upper

142 100

127 40.5 32.5 48.7

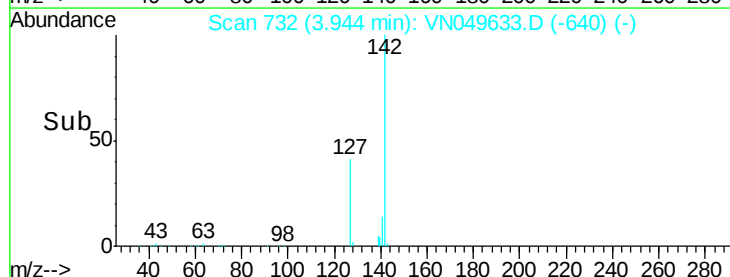
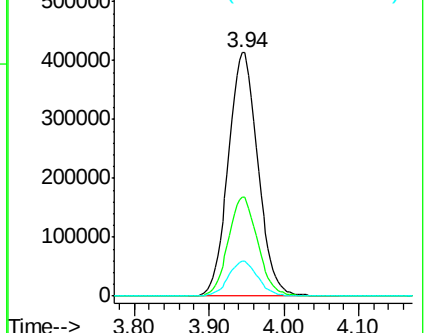
141 14.2 11.1 16.7

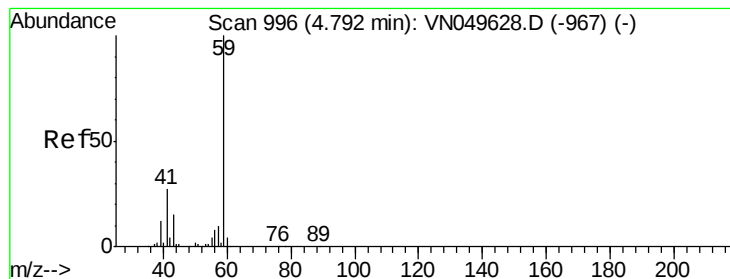


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



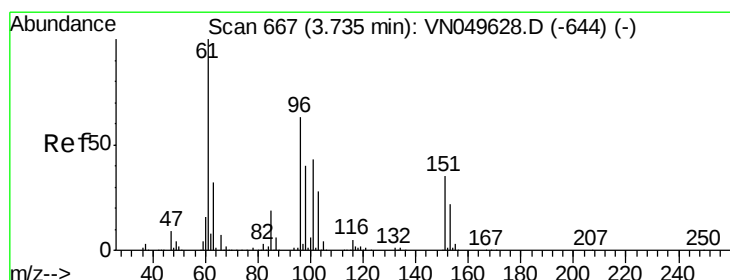
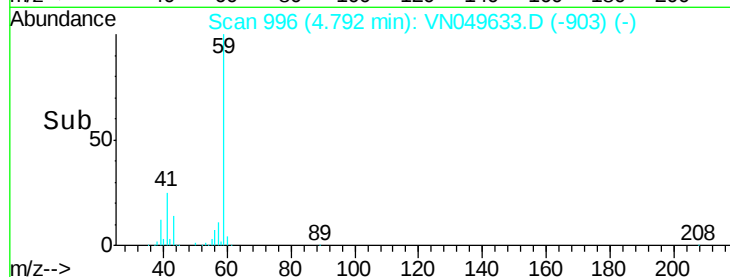
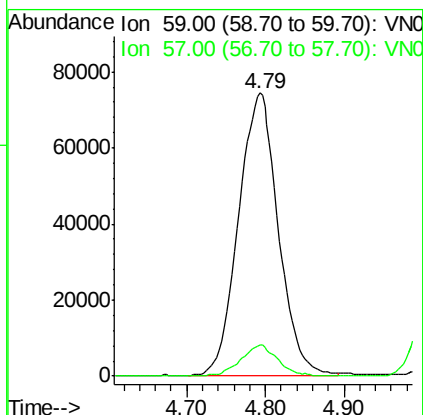
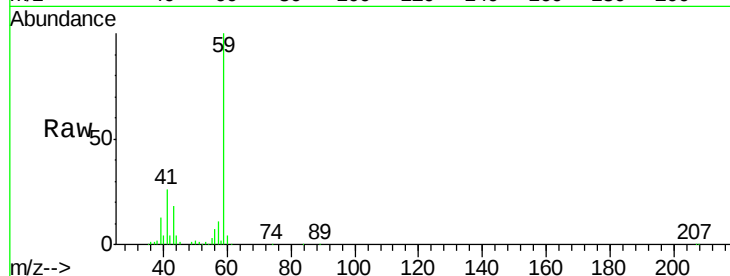


#11

Tert butyl alcohol
 Concen: 232.698 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062918

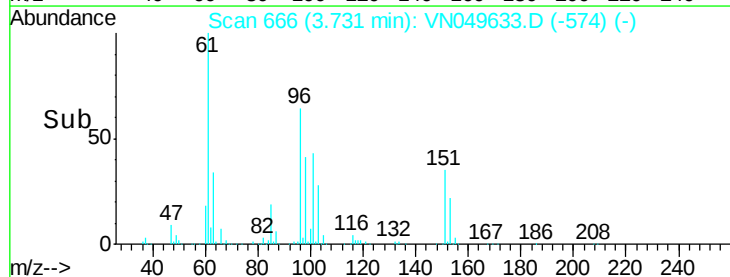
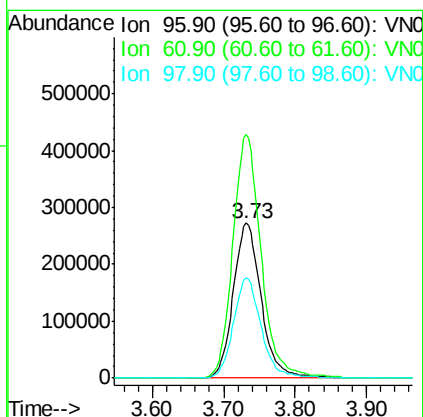
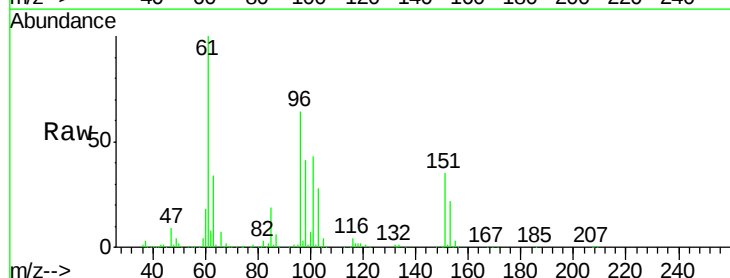
Tgt Ion: 59 Resp: 265677
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

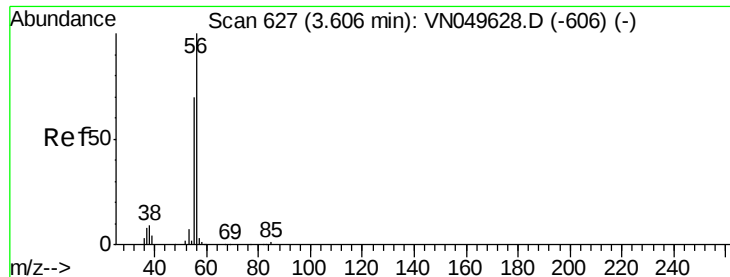


#12

1,1-Dichloroethene
 Concen: 42.102 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 96 Resp: 745020
 Ion Ratio Lower Upper
 96 100
 61 157.0 126.5 189.7
 98 64.3 51.0 76.6





#13

Acrolein

Concen: 218.994 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

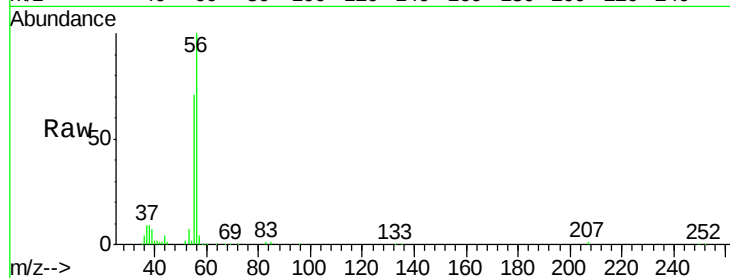
ICVVN062918

Tgt Ion: 56 Resp: 233549

Ion Ratio Lower Upper

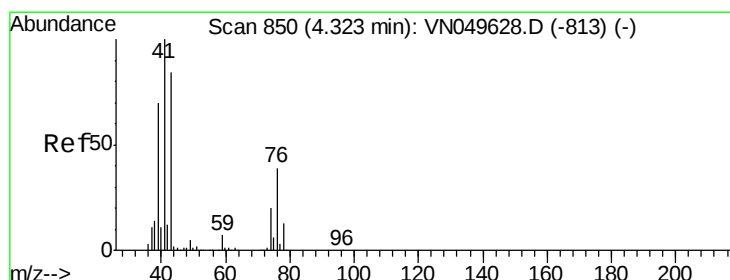
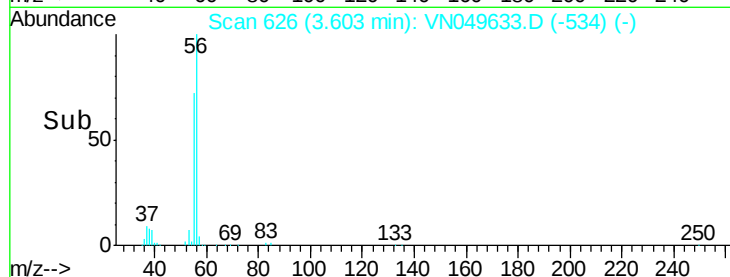
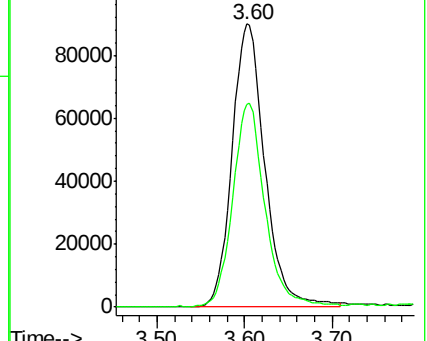
56 100

55 69.8 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN049628.D (-606) (-)

Ion 55.00 (54.70 to 55.70): VN049628.D (-606) (-)



#14

Allyl chloride

Concen: 42.675 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

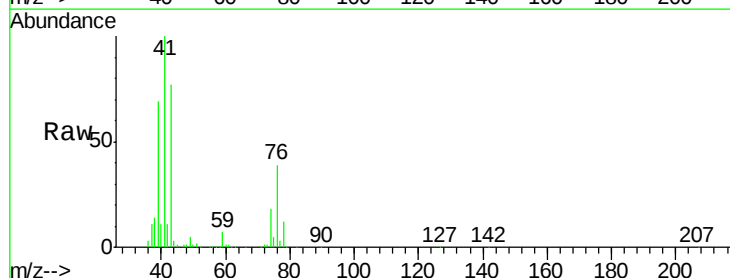
Tgt Ion: 41 Resp: 1037296

Ion Ratio Lower Upper

41 100

39 66.6 53.2 79.8

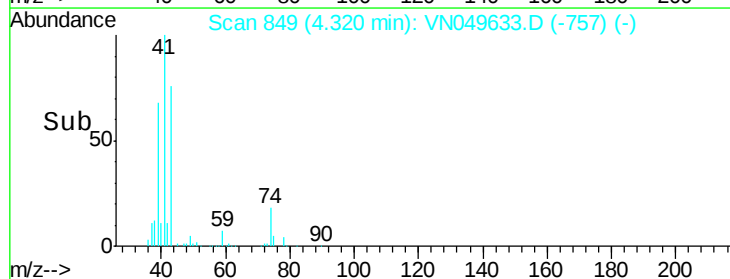
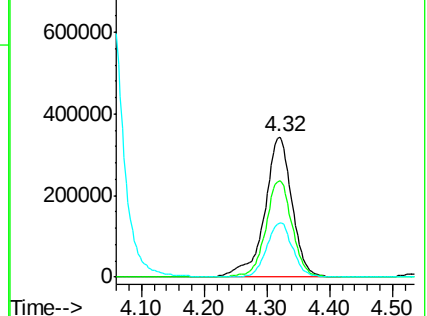
76 36.6 29.0 43.6

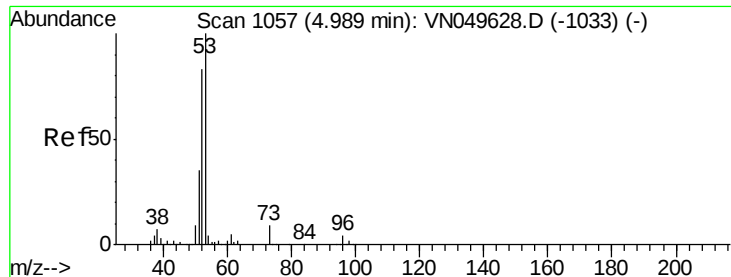


Abundance Ion 41.00 (40.70 to 41.70): VN049628.D (-813) (-)

Ion 39.00 (38.70 to 39.70): VN049628.D (-813) (-)

Ion 75.90 (75.60 to 76.60): VN049628.D (-813) (-)





#15

Acrylonitrile

Concen: 224.240 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062918

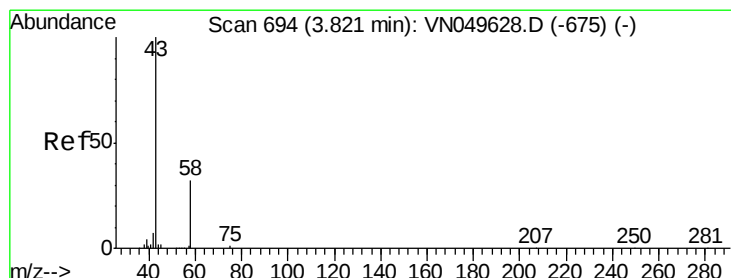
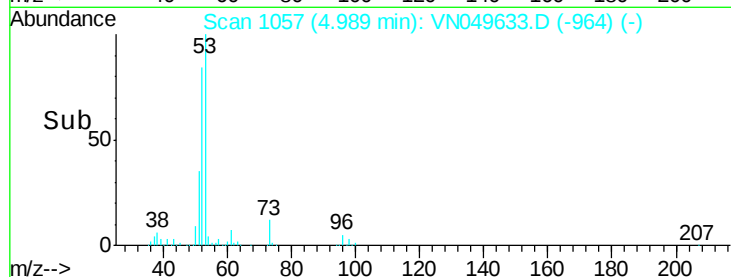
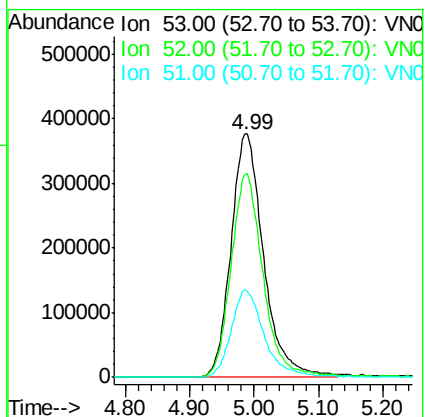
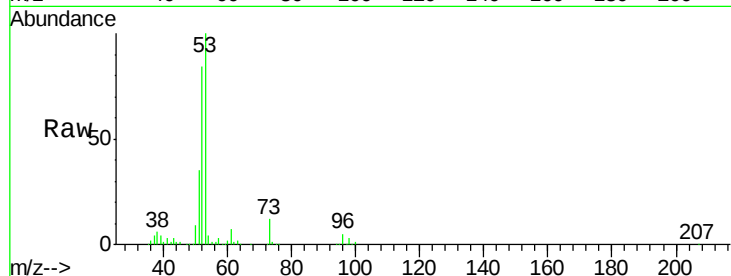
Tgt Ion: 53 Resp: 1322301

Ion Ratio Lower Upper

53 100

52 82.2 64.8 97.2

51 36.4 28.9 43.3



#16

Acetone

Concen: 221.365 ug/l

RT: 3.82 min Scan# 692

Delta R.T. -0.01 min

Lab File: VN049633.D

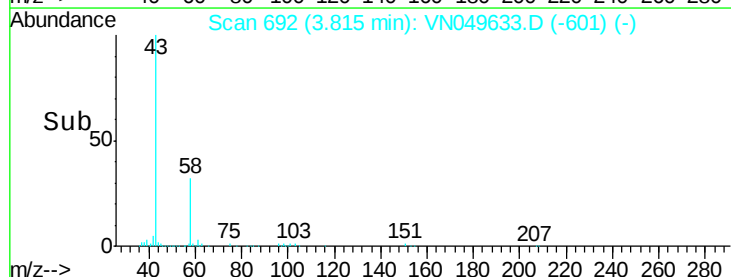
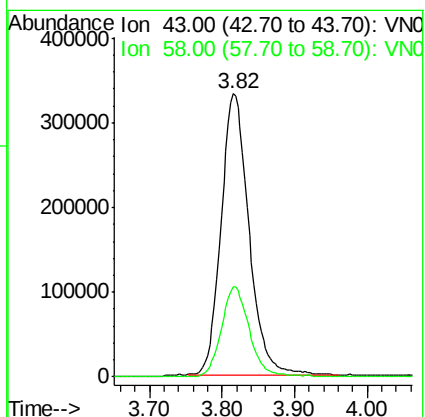
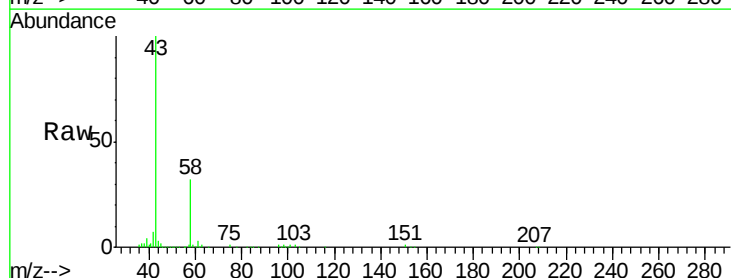
Acq: 29 Jun 2018 15:35

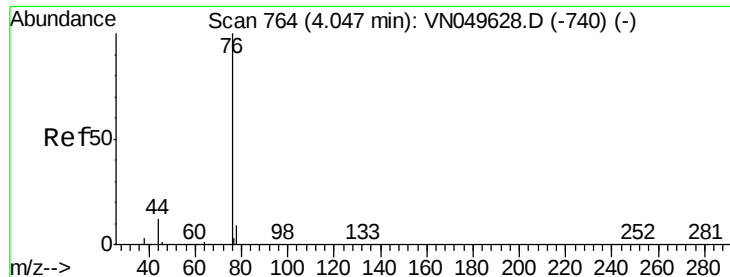
Tgt Ion: 43 Resp: 888164

Ion Ratio Lower Upper

43 100

58 32.0 25.9 38.9





#17

Carbon Disulfide

Concen: 44.303 ug/l

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

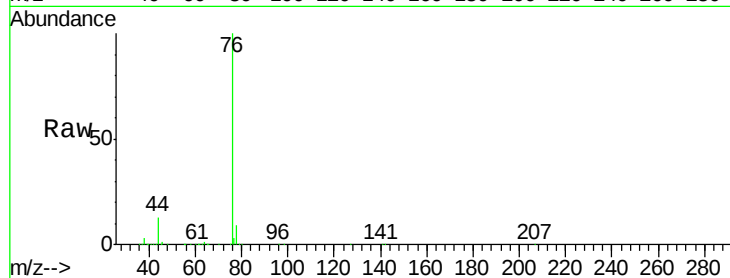
ICVVN062918

Tgt Ion: 76 Resp: 2159774

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

800000

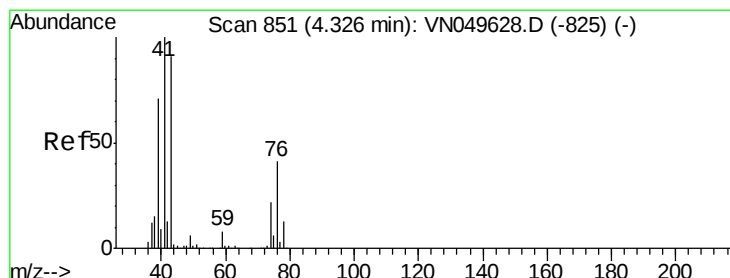
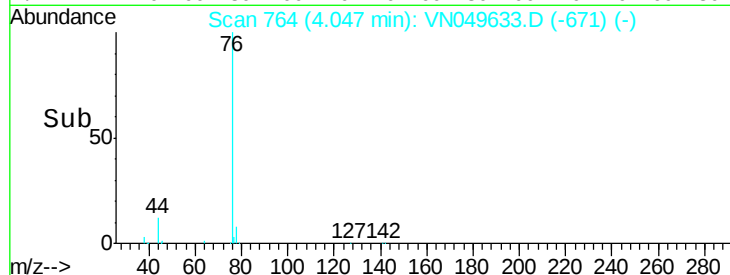
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 43.471 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN049633.D

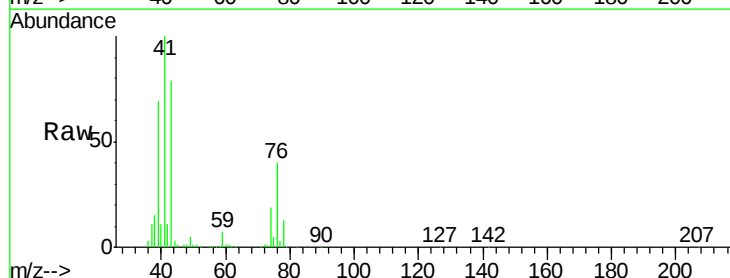
Acq: 29 Jun 2018 15:35

Tgt Ion: 43 Resp: 778887

Ion Ratio Lower Upper

43 100

74 24.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.32

300000

250000

200000

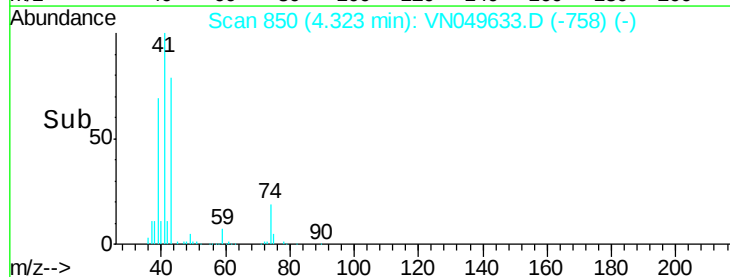
150000

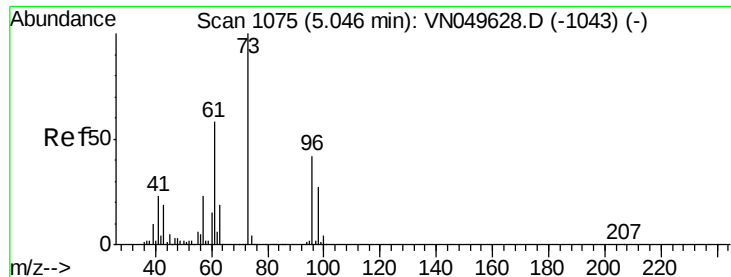
100000

50000

0

Time-->

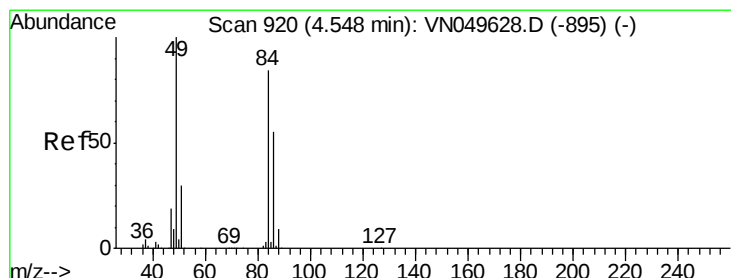
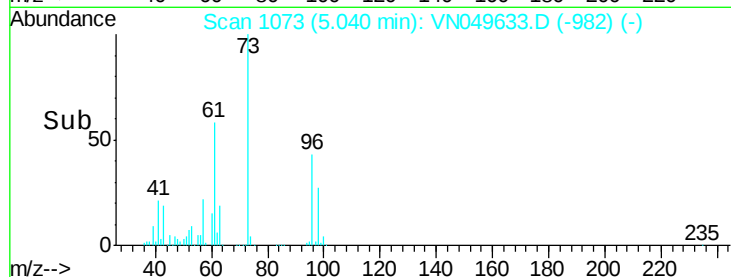
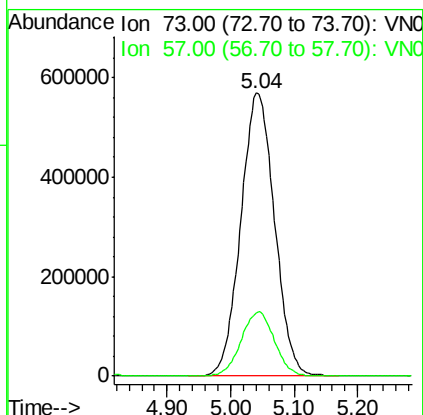
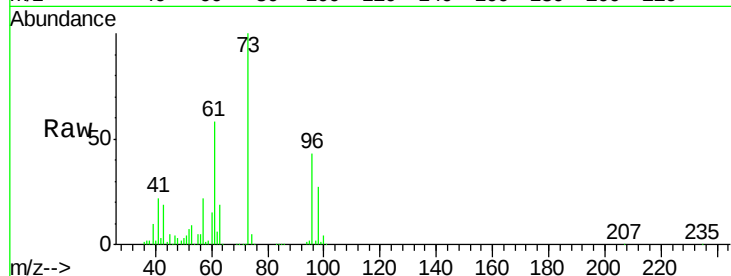




#19
Methyl tert-butyl Ether
Concen: 46.012 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

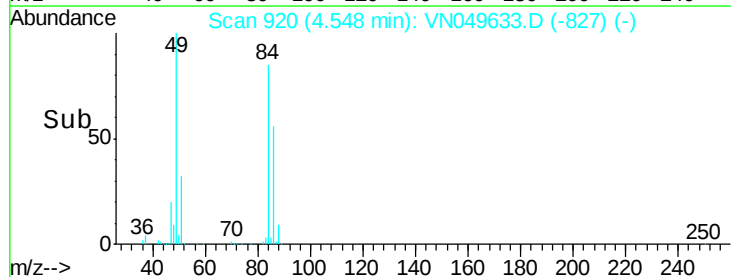
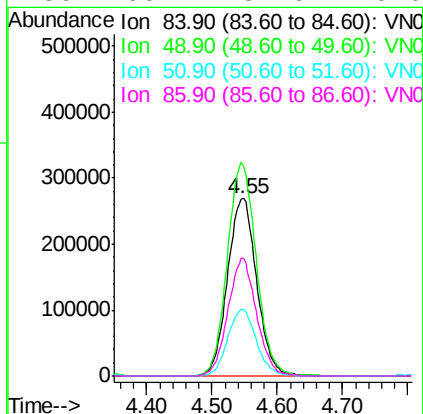
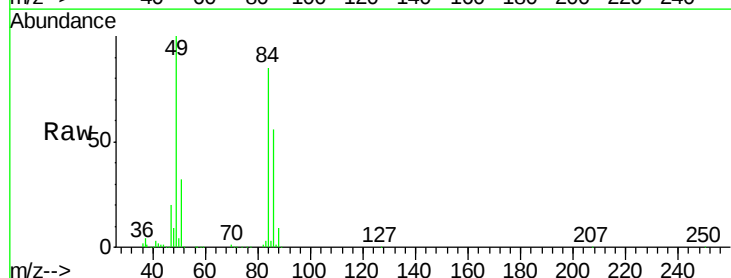
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062918

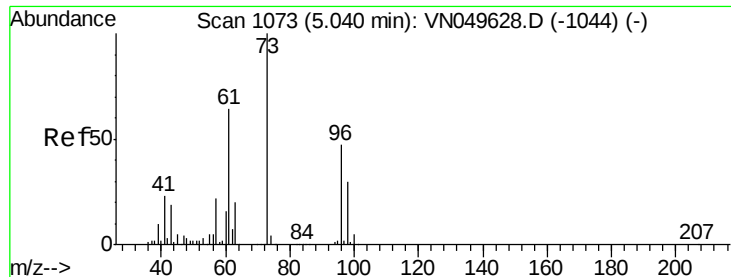
Tgt Ion: 73 Resp: 2098980
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1



#20
Methylene Chloride
Concen: 40.788 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 84 Resp: 835669
Ion Ratio Lower Upper
84 100
49 118.2 95.4 143.2
51 37.4 28.4 42.6
86 66.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 43.696 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062918

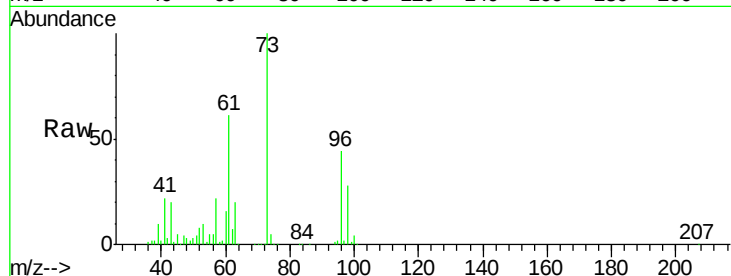
Tgt Ion: 96 Resp: 795789

Ion Ratio Lower Upper

96 100

61 137.7 109.0 163.6

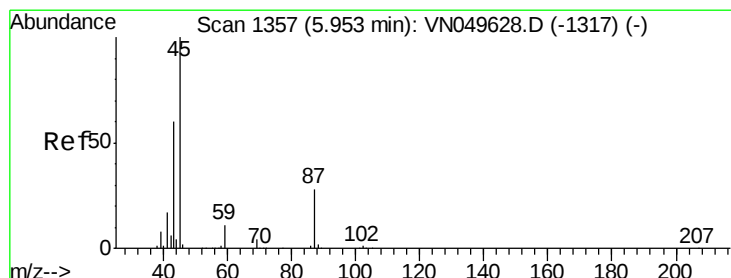
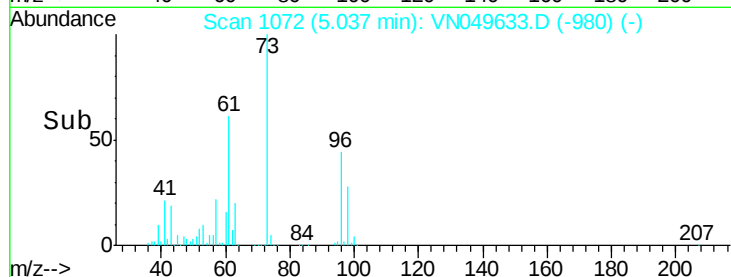
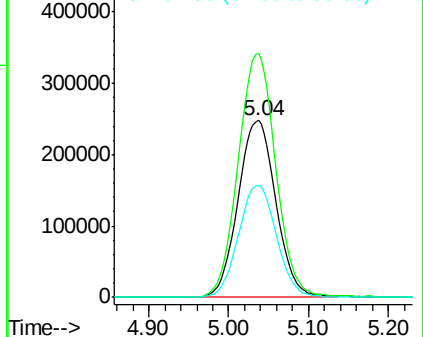
98 63.5 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 45.617 ug/l

RT: 5.95 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Tgt Ion: 45 Resp: 2508655

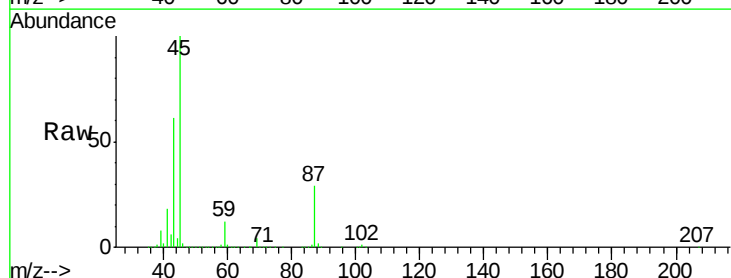
Ion Ratio Lower Upper

45 100

43 60.4 48.1 72.1

87 28.6 22.6 34.0

59 12.1 9.2 13.8

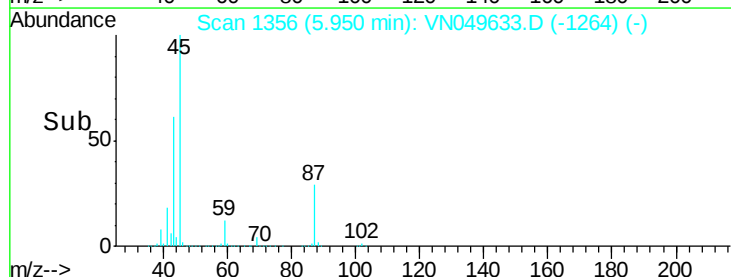
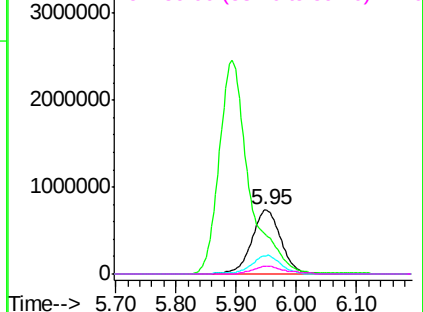


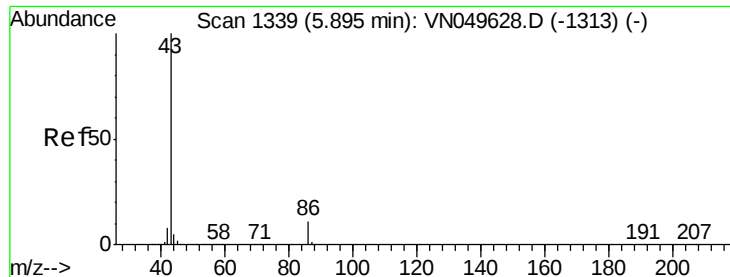
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

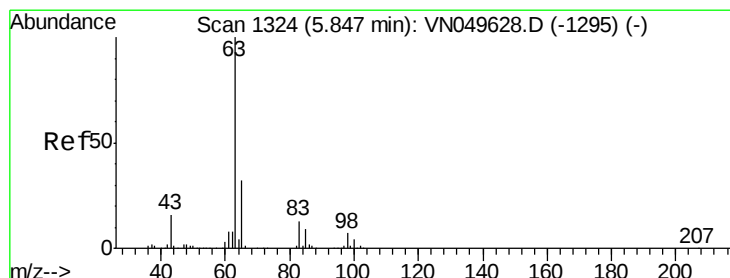
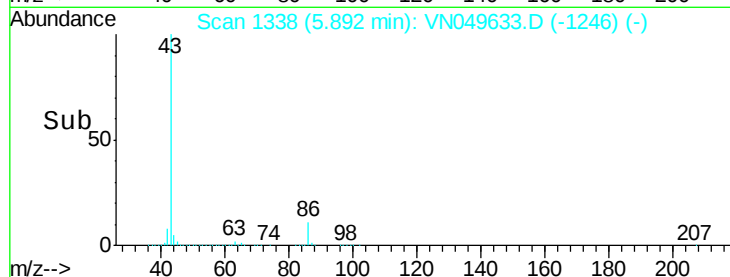
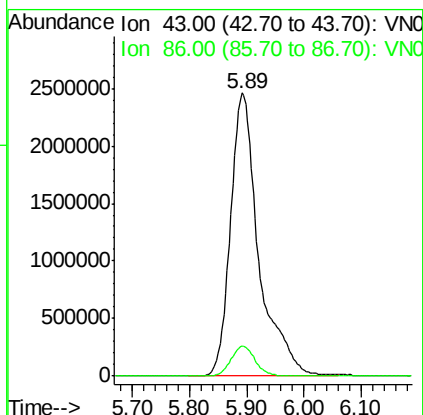
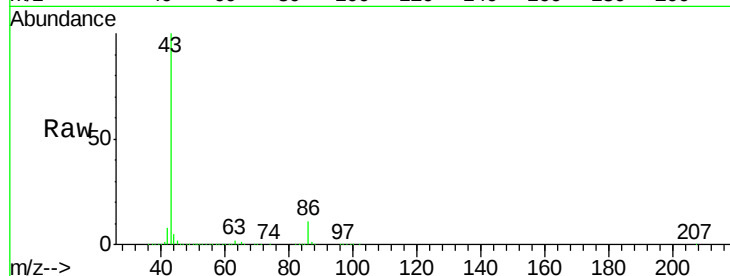




#23
 Vinyl Acetate
 Concen: 237.520 ug/l
 RT: 5.89 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

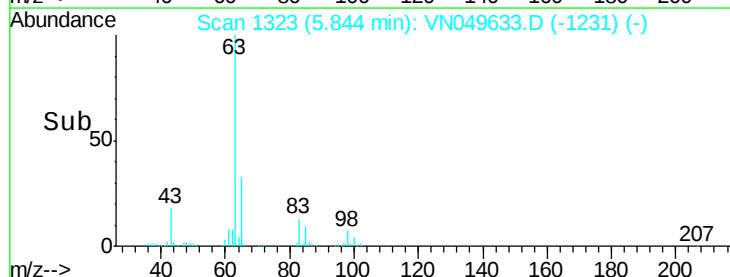
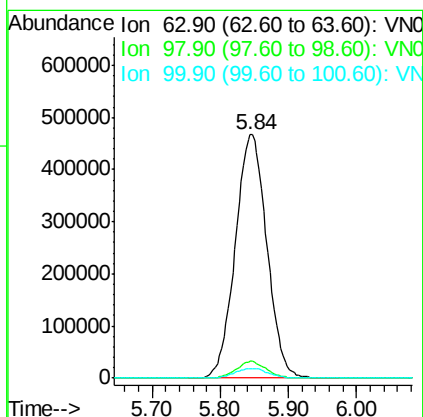
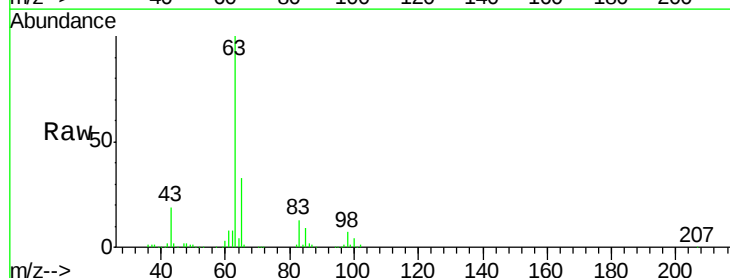
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN062918

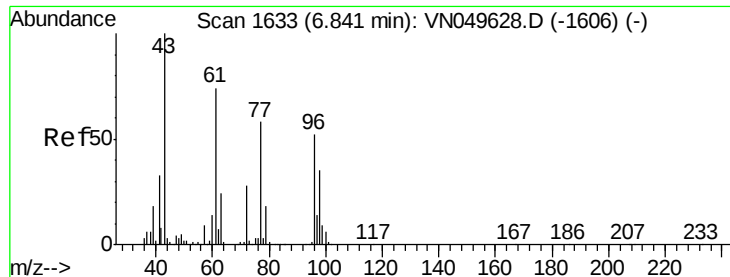
Tgt Ion: 43 Resp: 8470473
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 43.207 ug/l
 RT: 5.84 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 63 Resp: 1496888
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.0 2.2 6.6





#25

2-Butanone

Concen: 225.457 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. -0.01 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

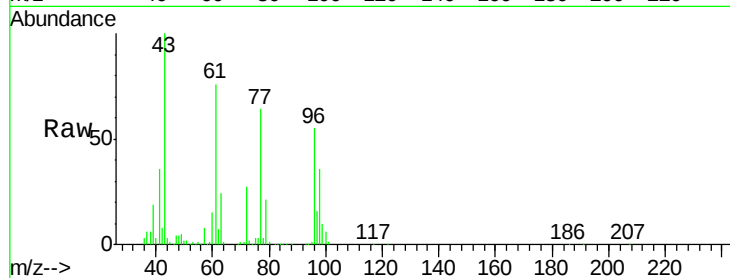
ICVVN062918

Tgt Ion: 43 Resp: 1489174

Ion Ratio Lower Upper

43 100

72 27.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-1606) (-)

Ion 72.00 (71.70 to 72.70): VN049628.D (-1606) (-)

600000

500000

400000

300000

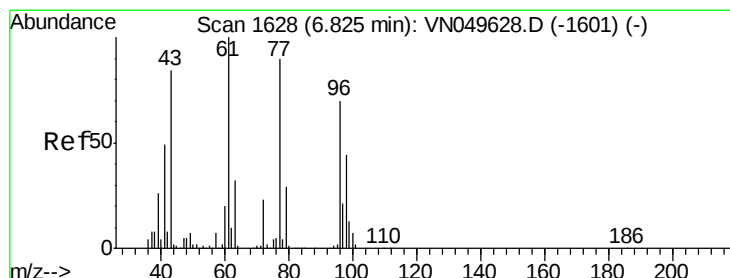
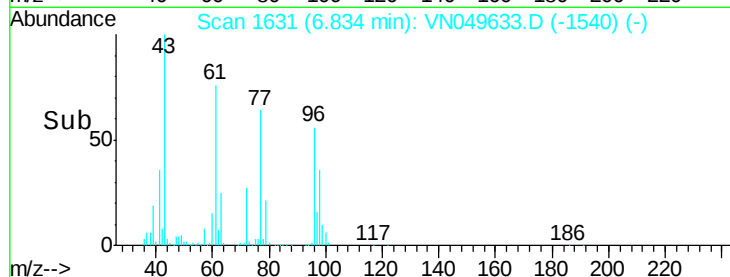
200000

100000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 44.728 ug/l

RT: 6.82 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN049633.D

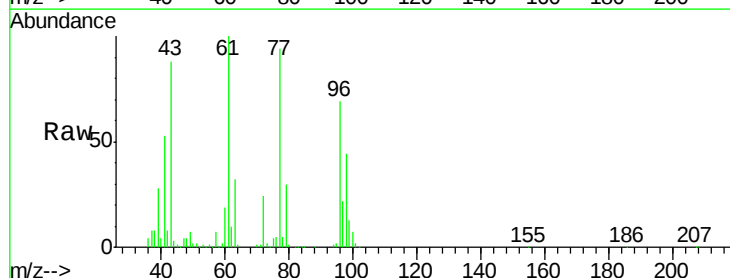
Acq: 29 Jun 2018 15:35

Tgt Ion: 77 Resp: 1287022

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN049628.D (-1601) (-)

Ion 96.90 (96.60 to 97.60): VN049628.D (-1601) (-)

400000

300000

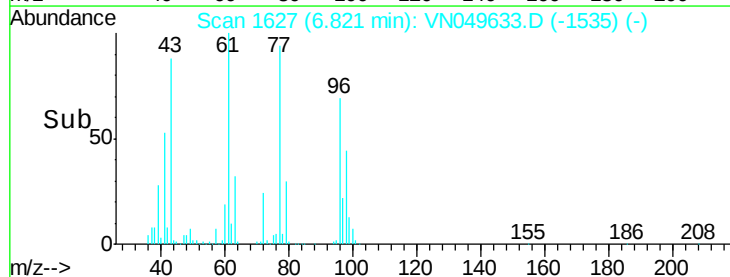
200000

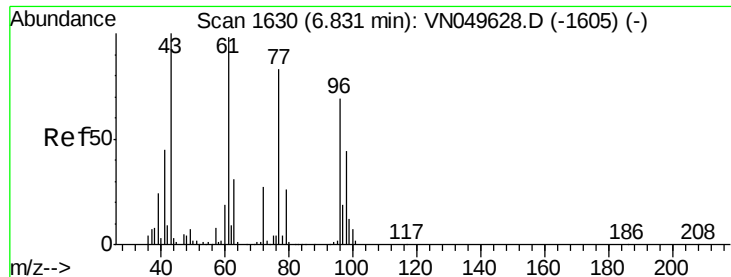
100000

0

6.70 6.80 6.90 7.00

Time-->

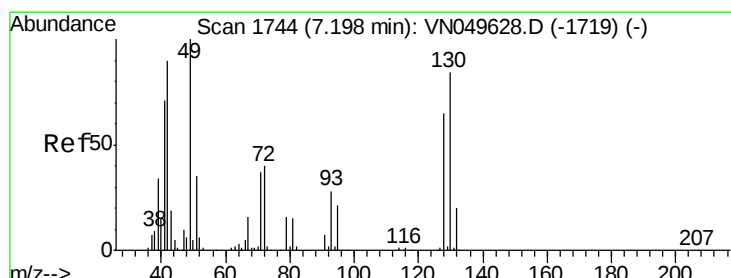
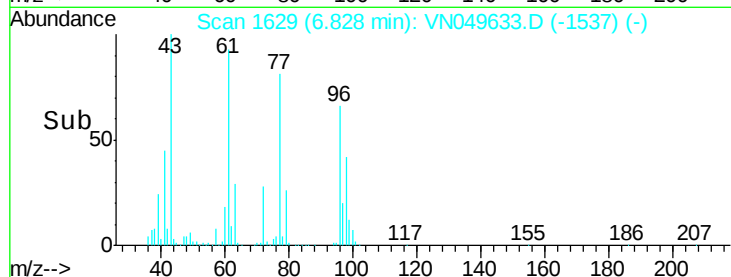
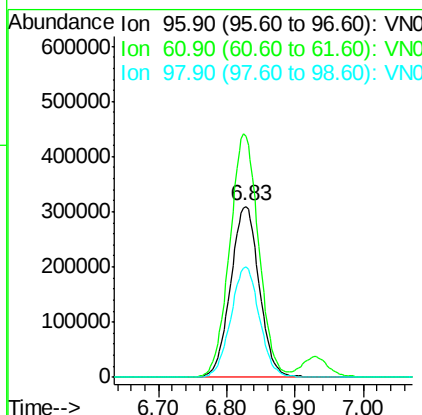
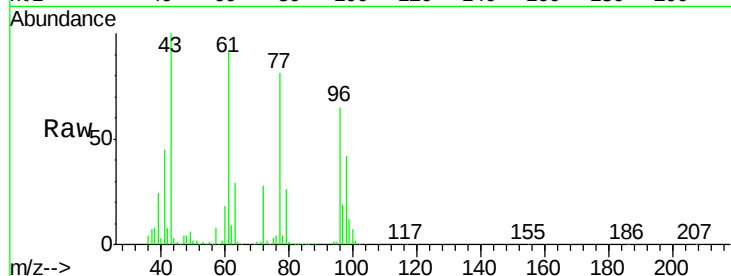




#27
 cis-1,2-Dichloroethene
 Concen: 44.580 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

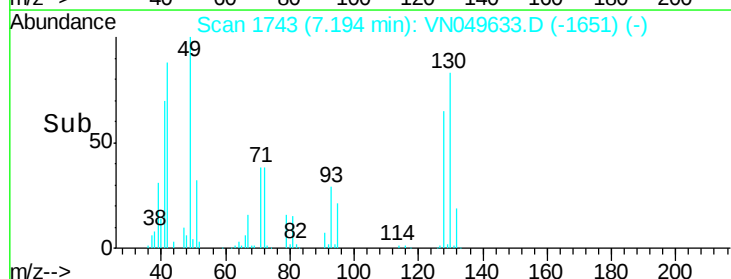
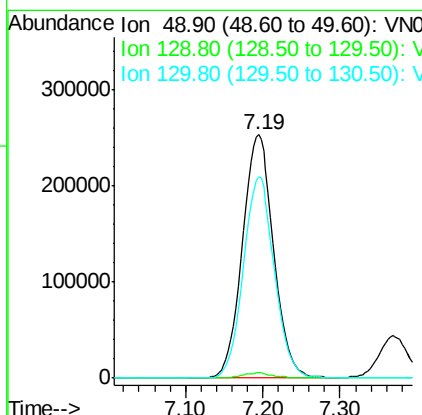
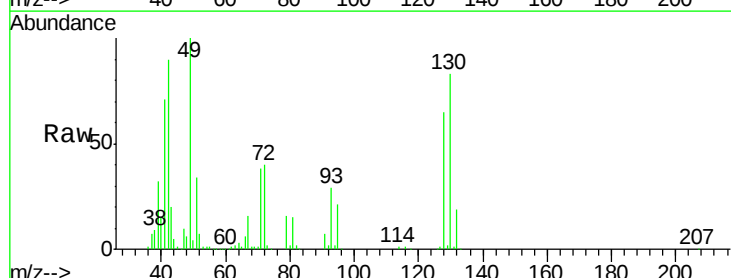
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062918

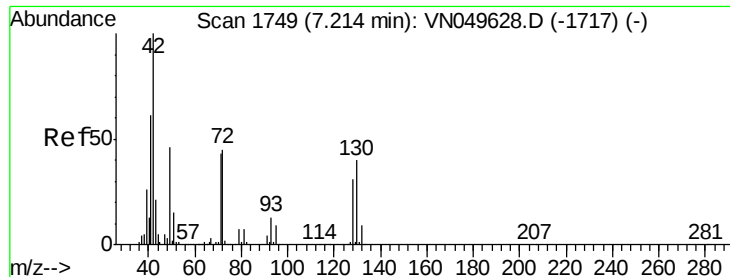
Tgt Ion: 96 Resp: 906909
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 289.0
 98 64.5 0.0 130.2



#28
 Bromochloromethane
 Concen: 48.366 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 49 Resp: 711173
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 82.4 65.5 98.3

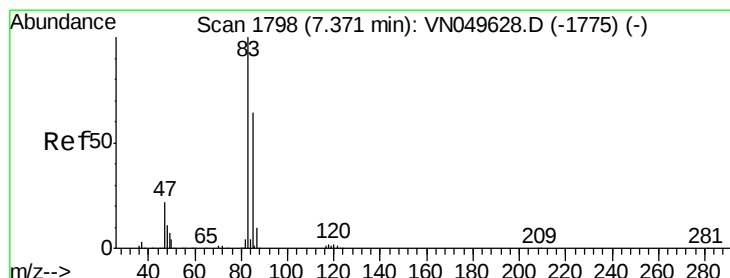
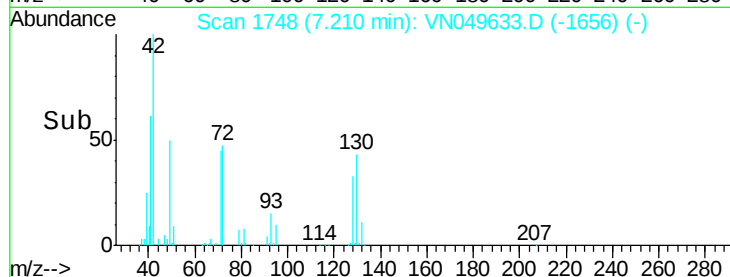
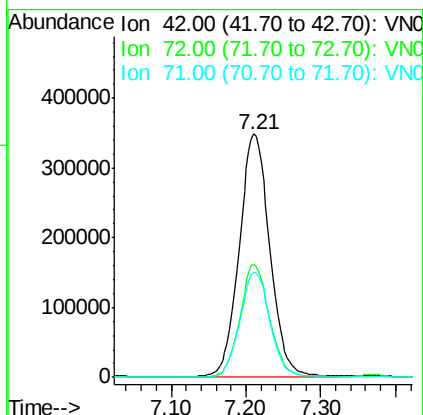
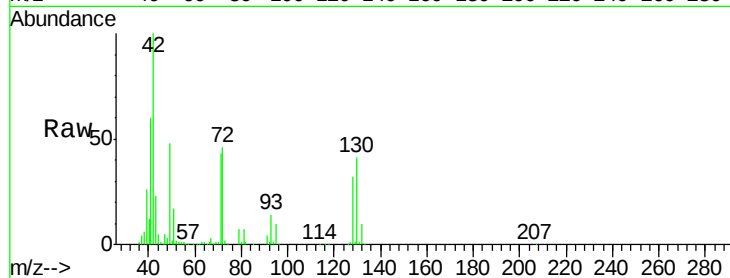




#29
Tetrahydrofuran
Concen: 234.904 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

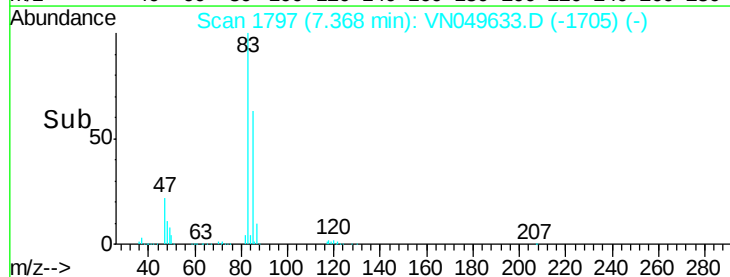
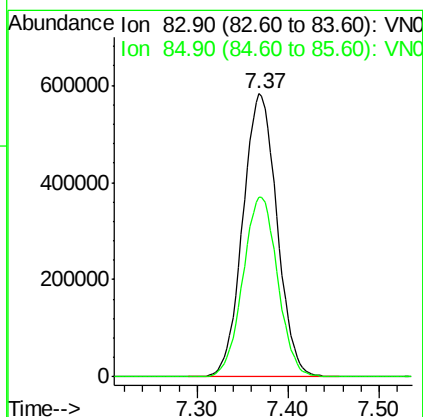
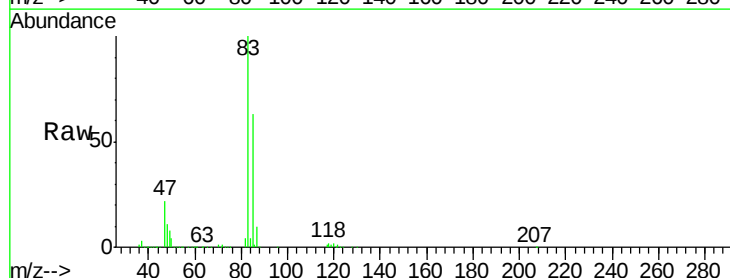
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062918

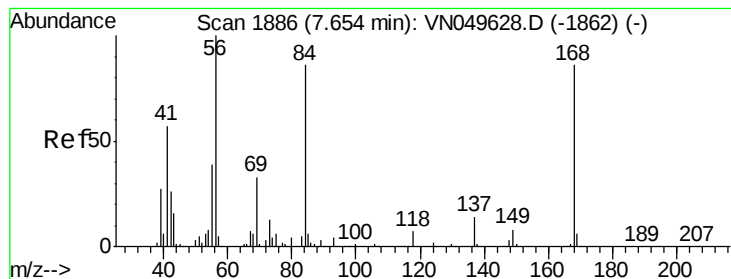
Tgt Ion: 42 Resp: 988921
Ion Ratio Lower Upper
42 100
72 45.3 35.6 53.4
71 42.7 34.0 51.0



#30
Chloroform
Concen: 43.042 ug/l
RT: 7.37 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 83 Resp: 1520067
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2





#31

Cyclohexane

Concen: 45.261 ug/l

RT: 7.65 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062918

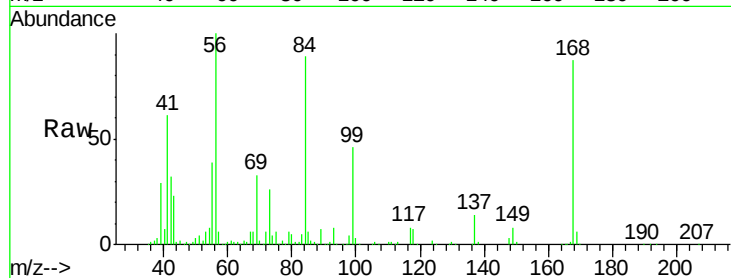
Tgt Ion: 56 Resp: 1346244

Ion Ratio Lower Upper

56 100

69 33.4 26.6 40.0

84 87.6 69.0 103.6

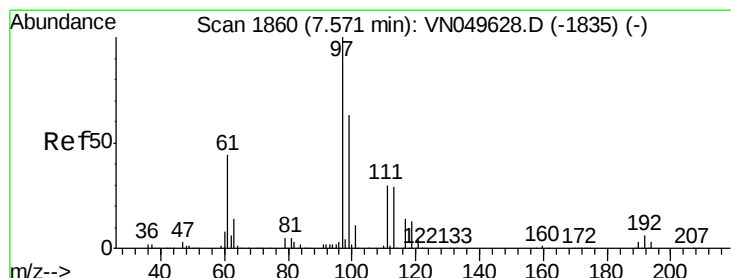
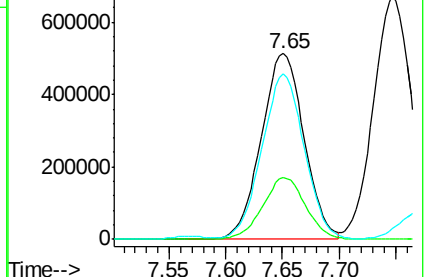
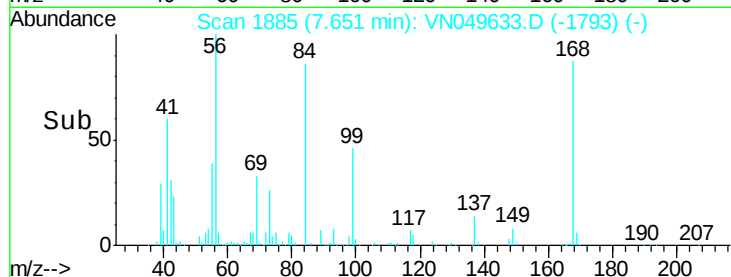


Abundance Ion 56.00 (55.70 to 56.70): VN049628.D (-1862) (-)

Ion 69.00 (68.70 to 69.70): VN049628.D (-1862) (-)

Ion 84.00 (83.70 to 84.70): VN049628.D (-1862) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 44.077 ug/l

RT: 7.57 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

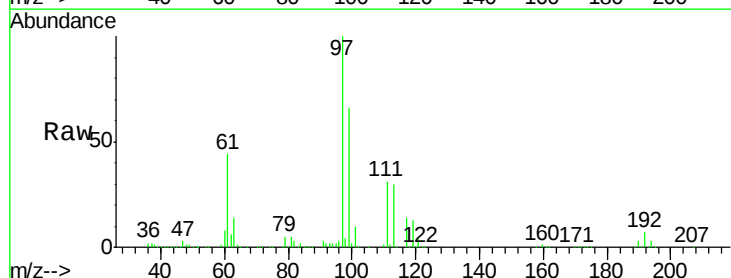
Tgt Ion: 97 Resp: 1317892

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 43.5 35.5 53.3

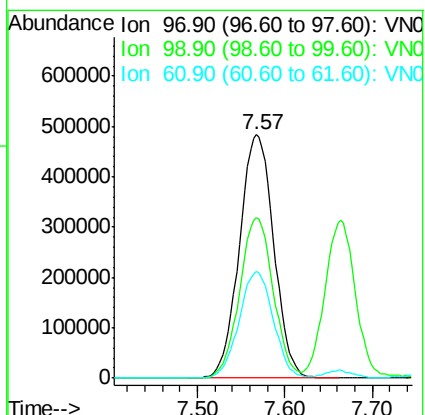
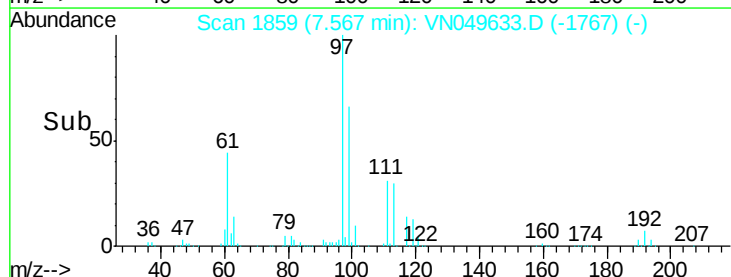


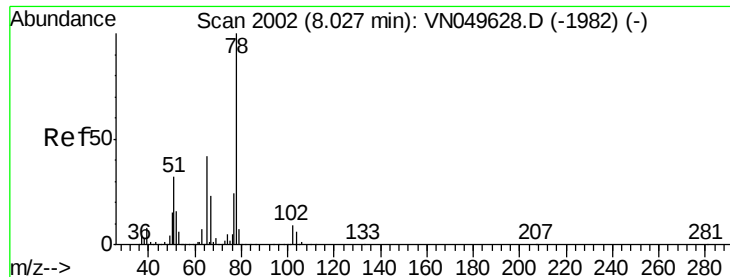
Abundance Ion 96.90 (96.60 to 97.60): VN049628.D (-1835) (-)

Ion 98.90 (98.60 to 99.60): VN049628.D (-1835) (-)

Ion 60.90 (60.60 to 61.60): VN049628.D (-1835) (-)

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.188 ug/l

RT: 8.02 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

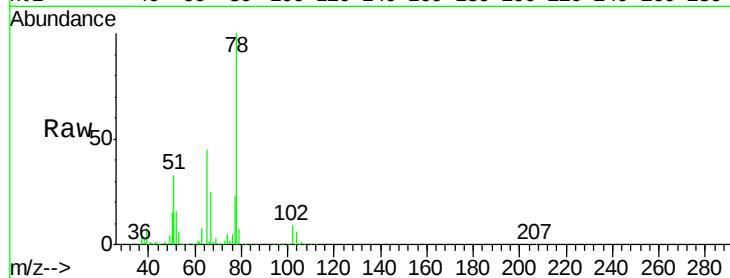
ICV062918

Tgt Ion: 65 Resp: 938864

Ion Ratio Lower Upper

65 100

67 54.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049628.D (-1982) (-)

Ion 66.90 (66.60 to 67.60): VN049628.D (-1982) (-)

8.02

400000

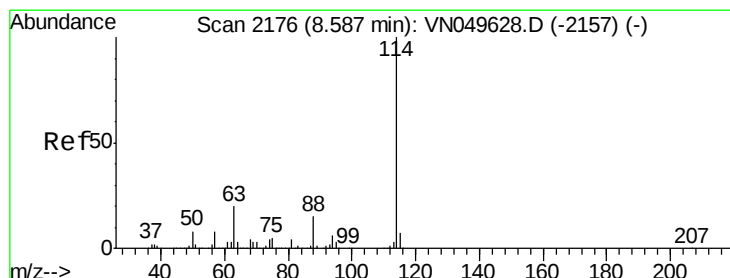
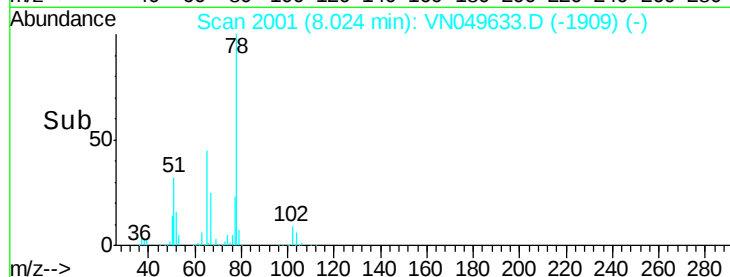
300000

200000

100000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

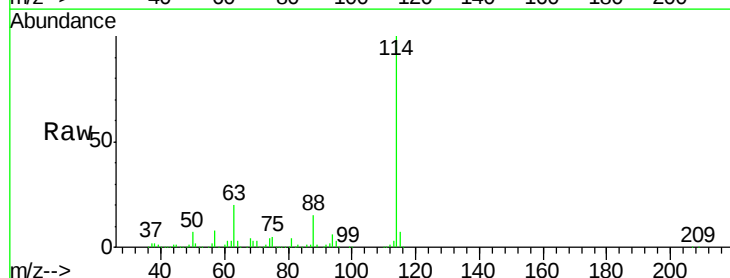
Tgt Ion: 114 Resp: 2170715

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049628.D (-2157) (-)

Ion 63.00 (62.70 to 63.70): VN049628.D (-2157) (-)

Ion 87.90 (87.60 to 88.60): VN049628.D (-2157) (-)

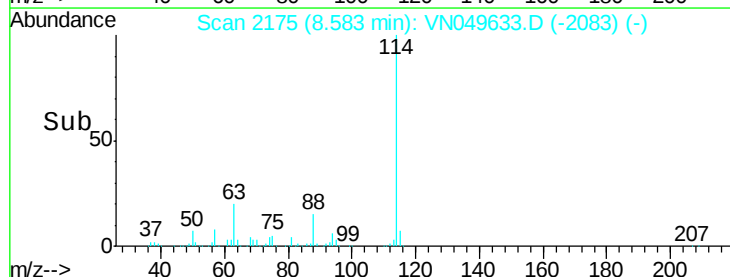
8.58

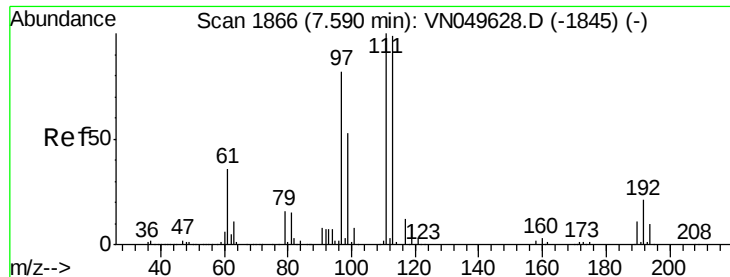
1000000

500000

0

Time--> 8.50 8.60 8.70 8.80

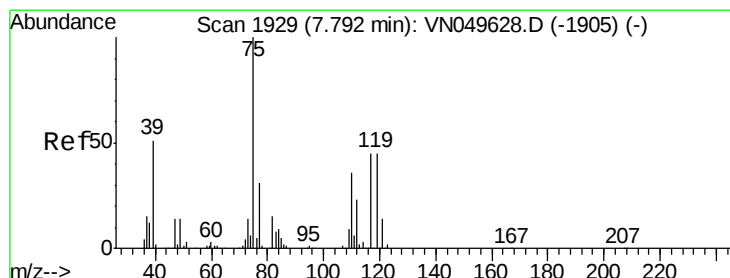
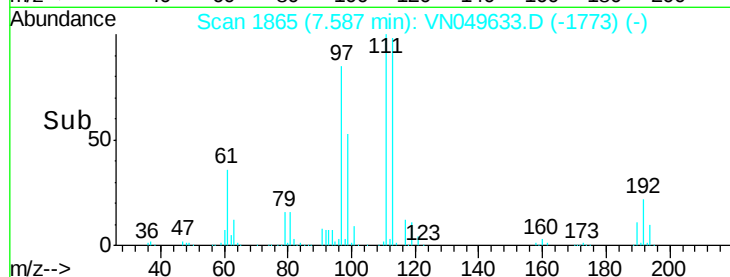
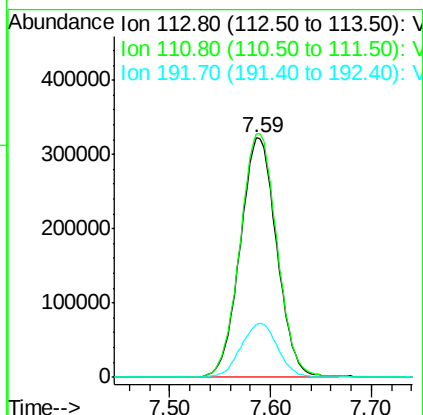
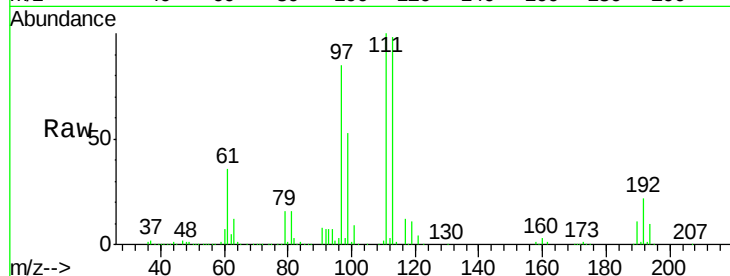




#35
 Dibromofluoromethane
 Concen: 49.837 ug/l
 RT: 7.59 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

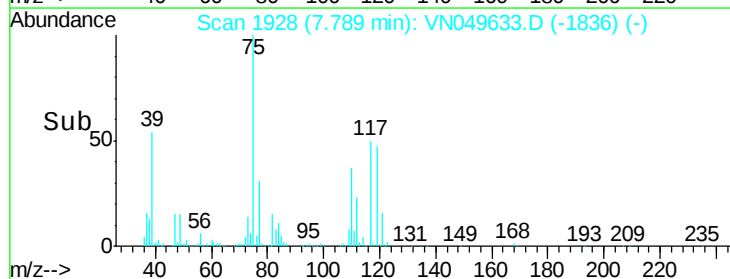
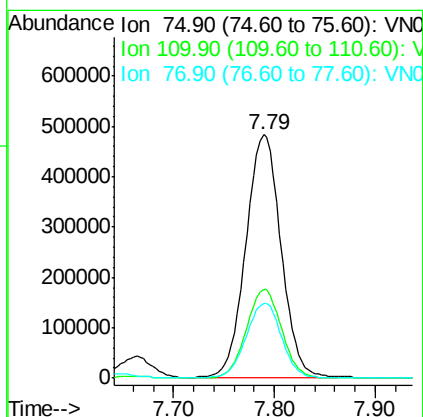
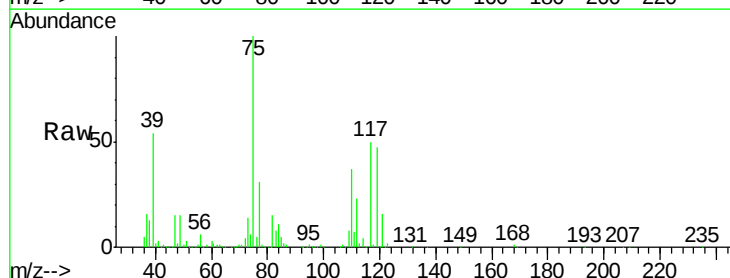
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062918

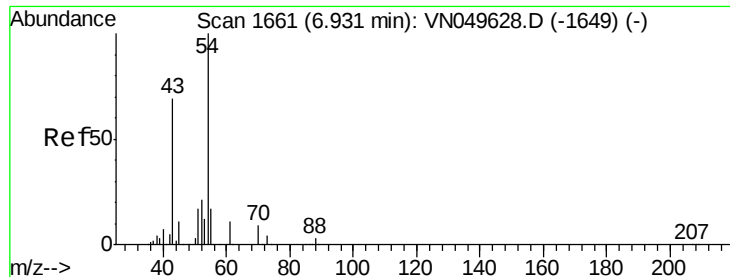
Tgt Ion:113 Resp: 808766
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.8
 192 22.7 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 47.640 ug/l
 RT: 7.79 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 75 Resp: 1163463
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.1 54.4
 77 31.1 24.9 37.3

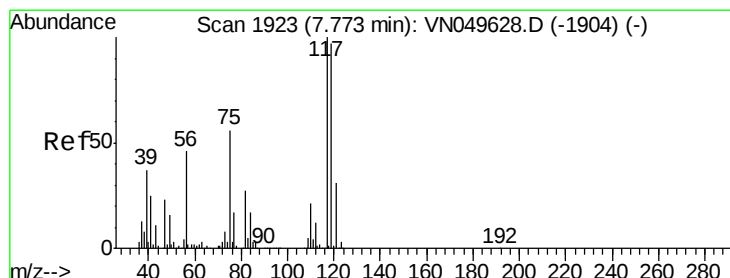
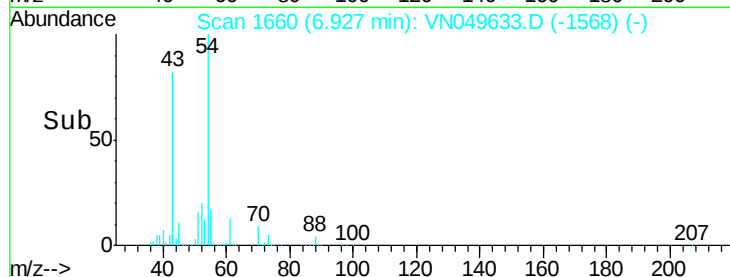
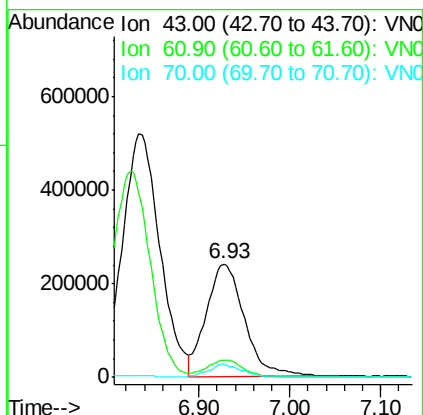
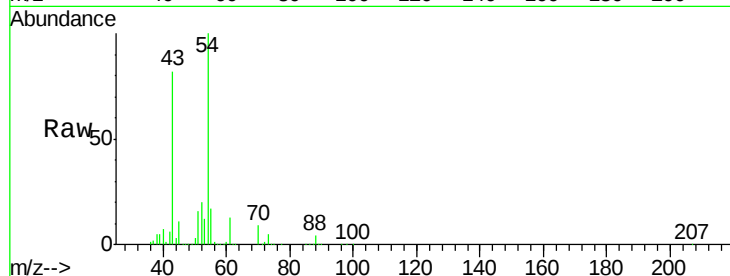




#37
Ethyl Acetate
Concen: 49.082 ug/l
RT: 6.93 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

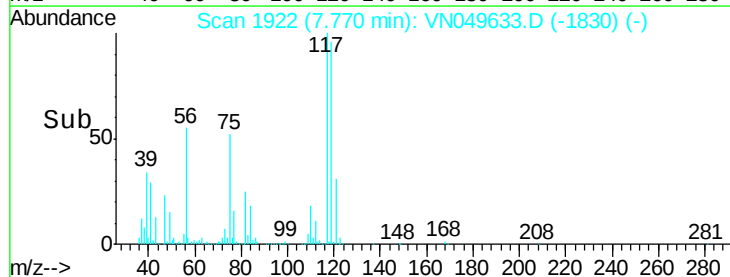
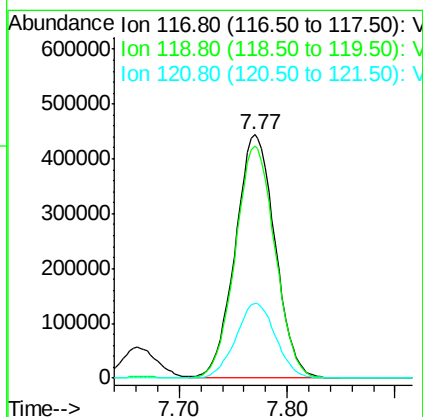
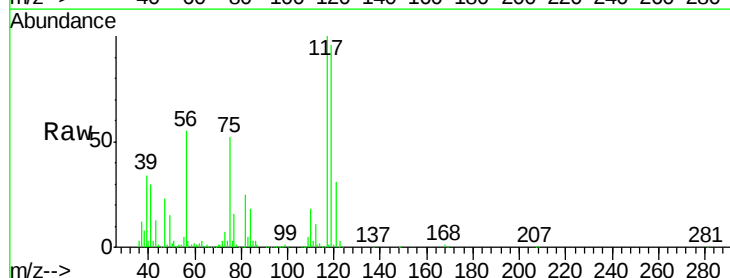
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062918

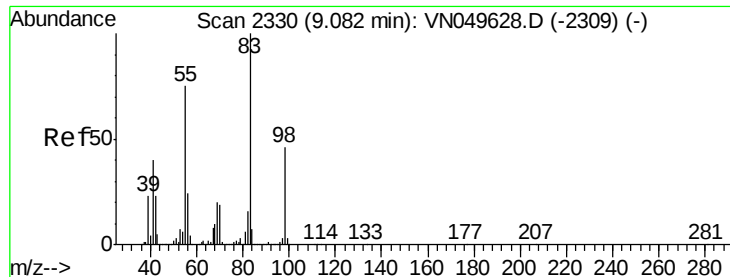
Tgt Ion: 43 Resp: 699146
Ion Ratio Lower Upper
43 100
61 13.8 11.7 17.5
70 10.3 8.4 12.6



#38
Carbon Tetrachloride
Concen: 47.891 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 117 Resp: 1137720
Ion Ratio Lower Upper
117 100
119 95.5 77.2 115.8
121 30.9 25.0 37.6

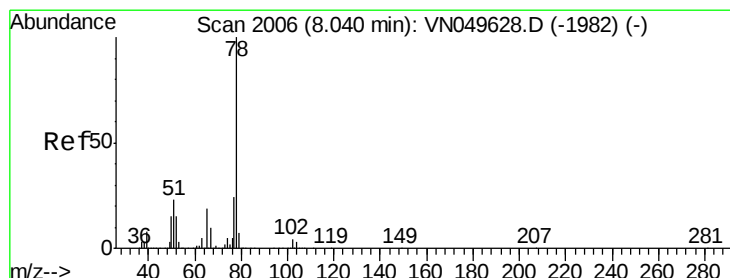
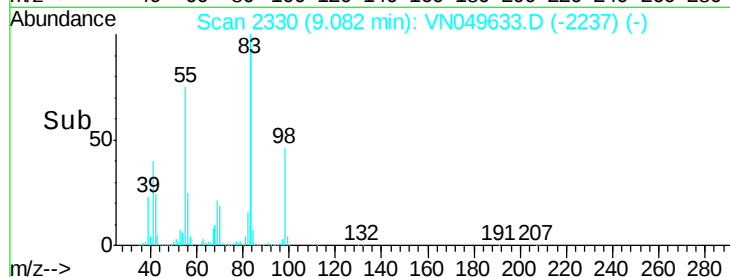
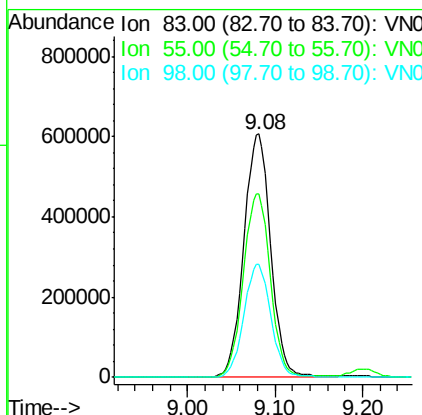
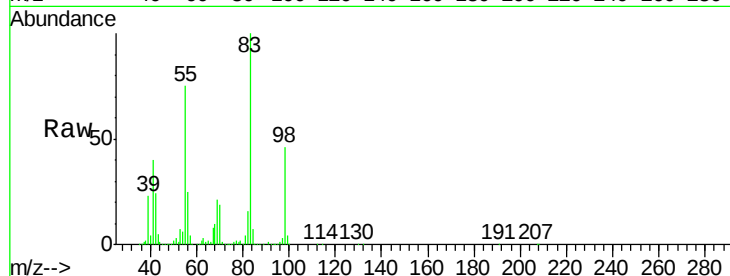




#39
Methylcyclohexane
Concen: 48.396 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

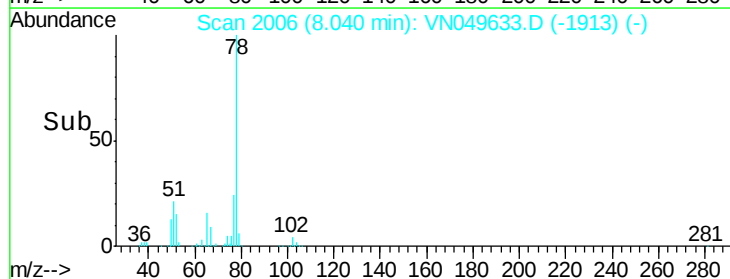
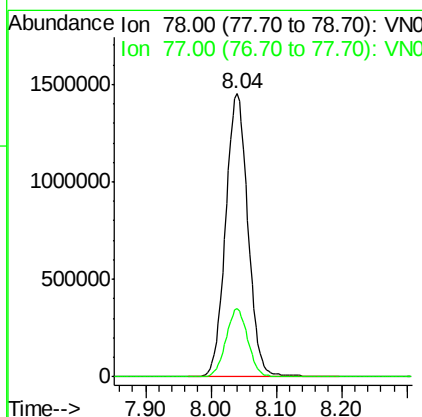
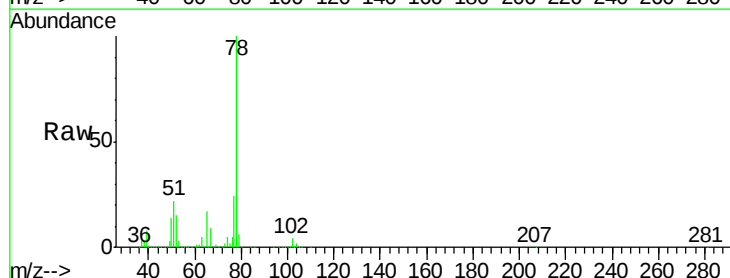
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062918

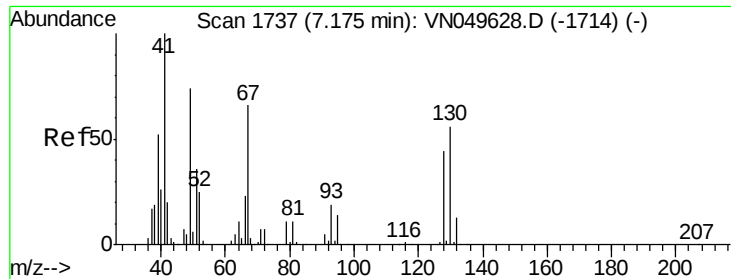
Tgt Ion: 83 Resp: 1295879
Ion Ratio Lower Upper
83 100
55 75.1 59.7 89.5
98 46.2 36.5 54.7



#40
Benzene
Concen: 46.069 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 78 Resp: 3435424
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

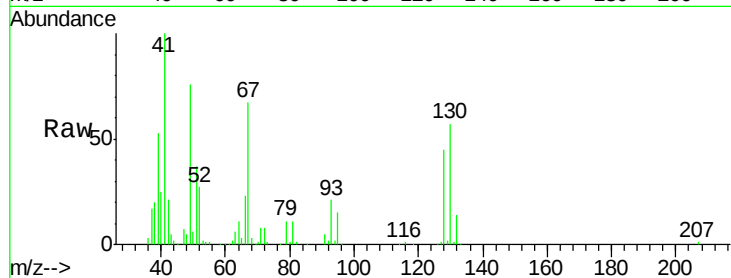




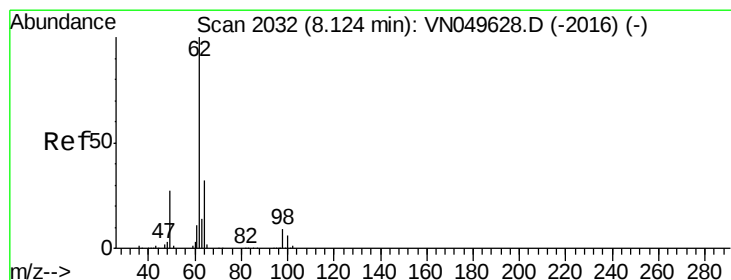
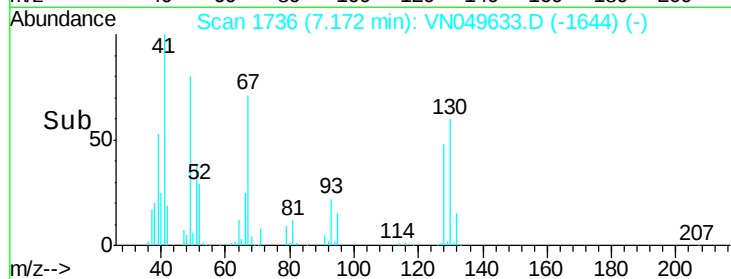
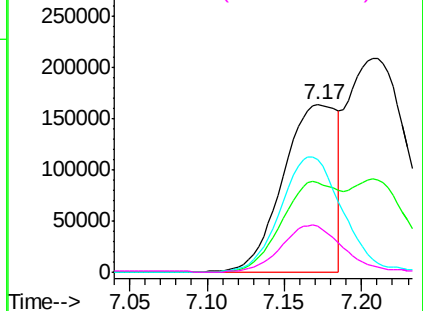
#41
Methacrylonitrile
Concen: 48.896 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062918

Tgt Ion:	41	Resp:	392604
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.4	68.2
67	79.9	65.4	98.0
52	31.7	24.7	37.1

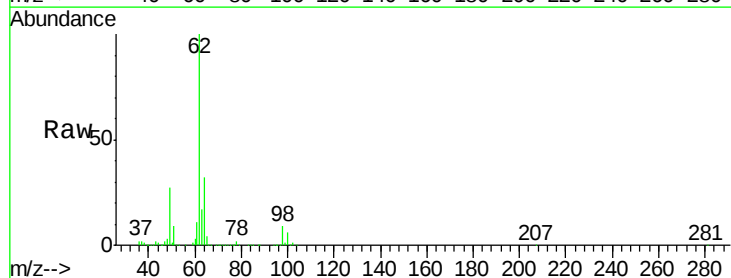


Abundance Ion 41.00 (40.70 to 41.70): VN049628.D (-1714) (-)
Ion 39.00 (38.70 to 39.70): VN049628.D (-1714) (-)
Ion 67.00 (66.70 to 67.70): VN049628.D (-1714) (-)
Ion 52.00 (51.70 to 52.70): VN049628.D (-1714) (-)

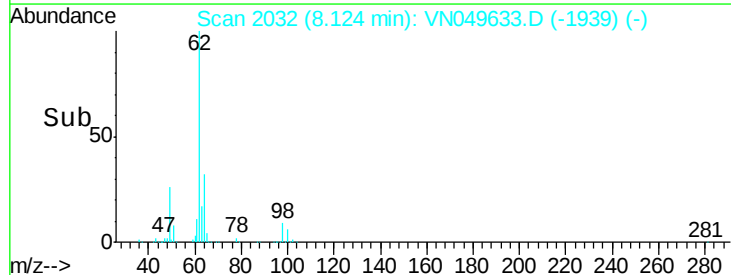
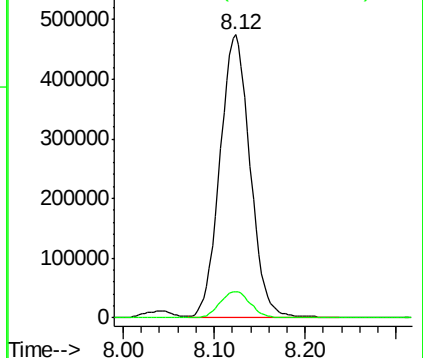


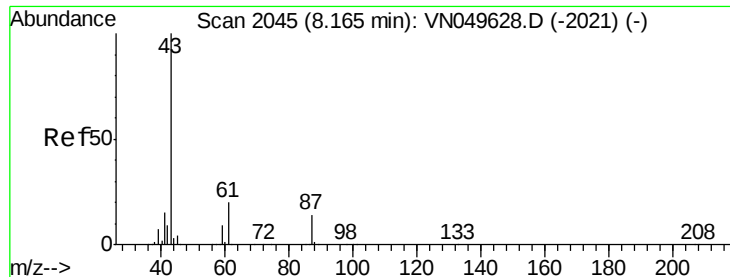
#42
1,2-Dichloroethane
Concen: 45.817 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion:	62	Resp:	1090391
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VN049628.D (-2016) (-)
Ion 97.90 (97.60 to 98.60): VN049628.D (-2016) (-)





#43

Isopropyl Acetate

Concen: 47.109 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

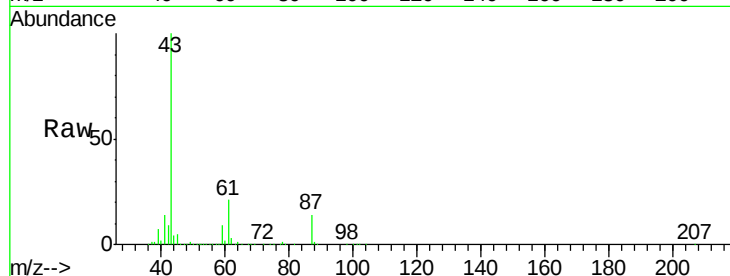
MSVOA_N

ClientSampleId :

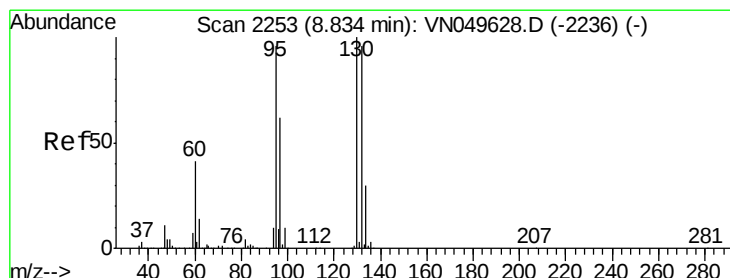
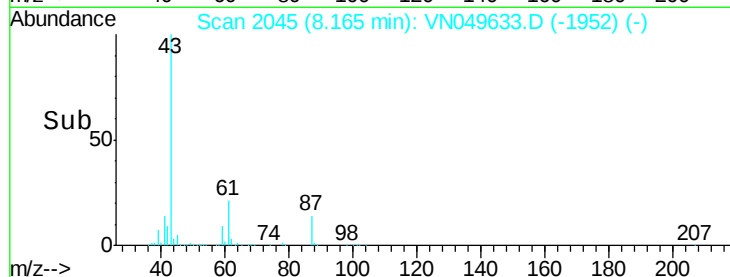
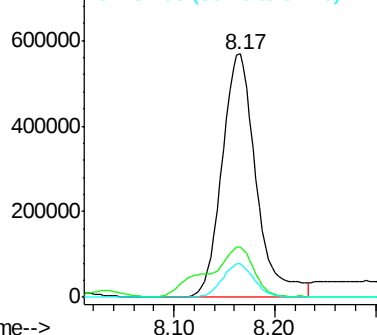
ICVVN062918

Tgt Ion: 43 Resp: 1333347

Ion	Ratio	Lower	Upper
43	100		
61	27.3	14.9	22.3#
87	12.8	10.0	15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2021) (-)



#44

Trichloroethene

Concen: 44.148 ug/l

RT: 8.83 min Scan# 2253

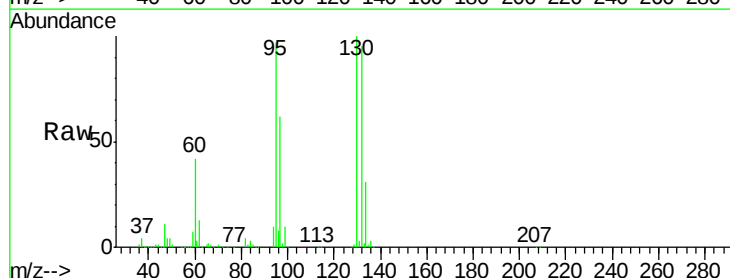
Delta R.T. 0.00 min

Lab File: VN049633.D

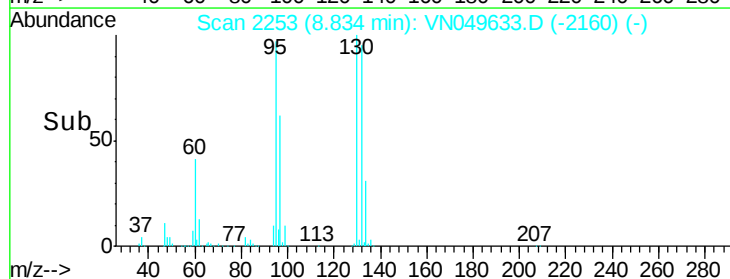
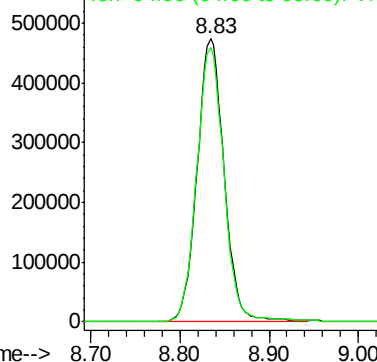
Acq: 29 Jun 2018 15:35

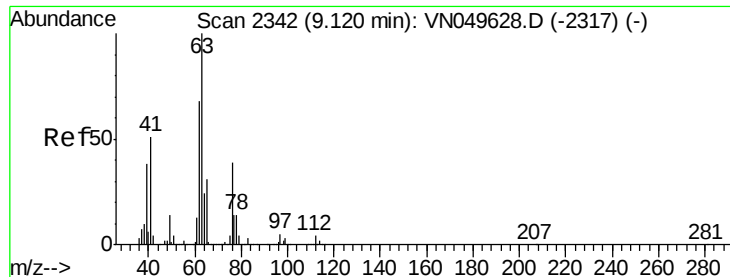
Tgt Ion: 130 Resp: 992853

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049628.D (-2236) (-)





#45

1,2-Dichloropropane

Concen: 46.777 ug/l

RT: 9.12 min Scan# 2341

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

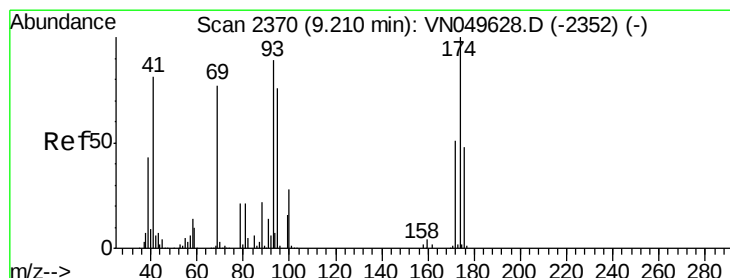
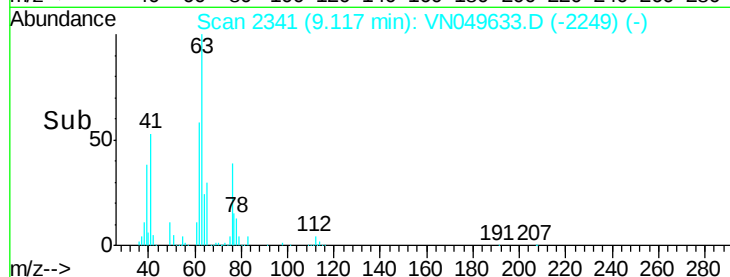
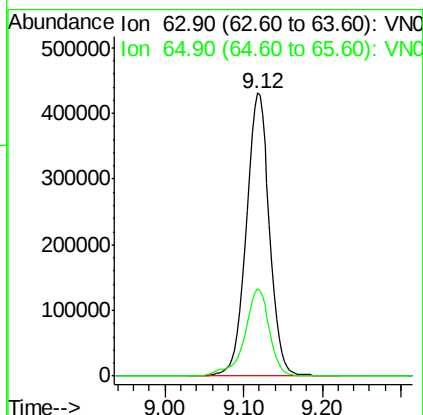
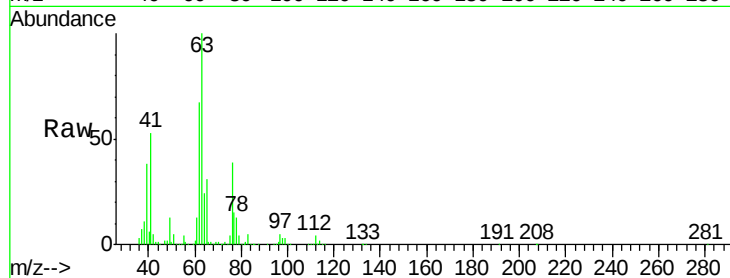
ICVVO62918

Tgt Ion: 63 Resp: 901232

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



#46

Dibromomethane

Concen: 45.948 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

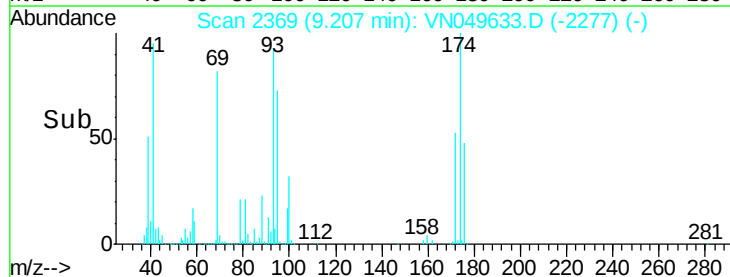
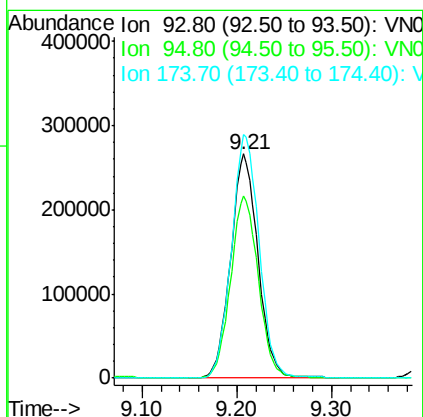
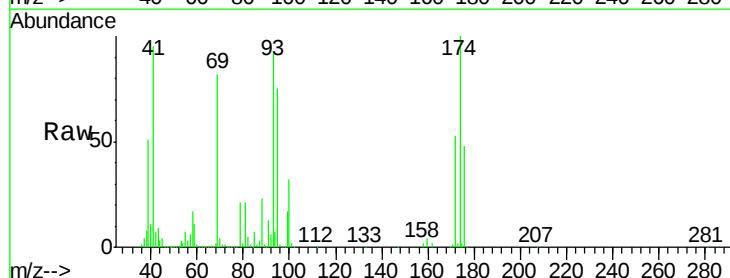
Tgt Ion: 93 Resp: 535552

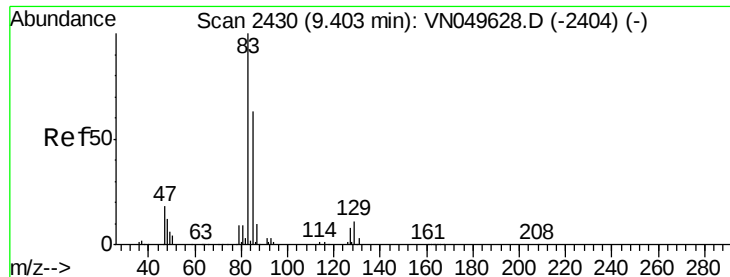
Ion Ratio Lower Upper

93 100

95 82.0 67.9 101.9

174 109.6 89.4 134.0





#47

Bromodichloromethane

Concen: 46.661 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062918

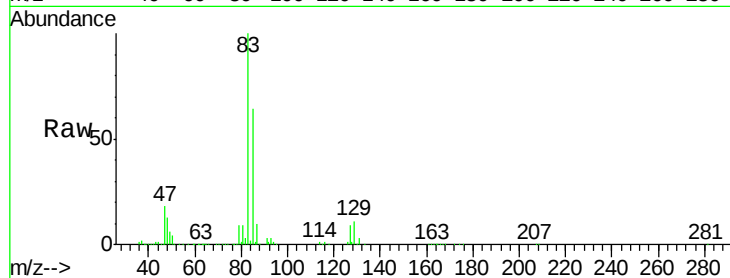
Tgt Ion: 83 Resp: 1157776

Ion Ratio Lower Upper

83 100

85 64.3 50.5 75.7

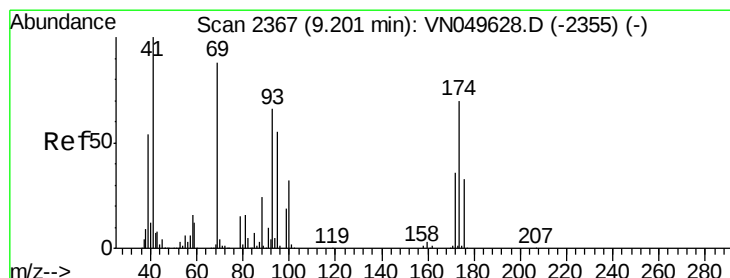
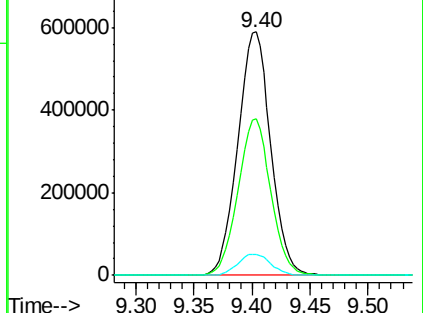
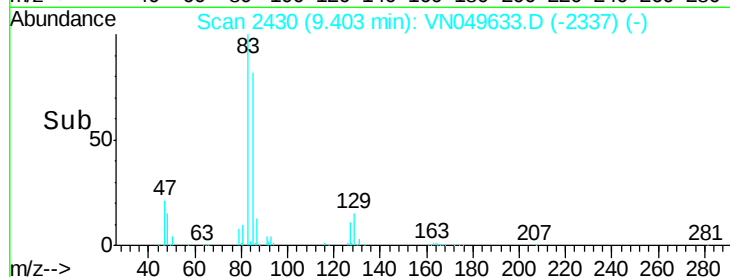
127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049633.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049633.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049633.D (-2337) (-)



#48

Methyl methacrylate

Concen: 48.128 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

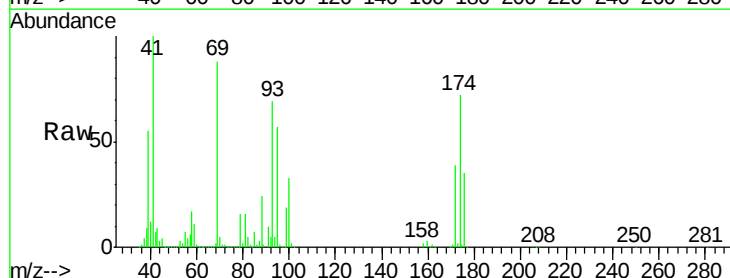
Tgt Ion: 41 Resp: 609208

Ion Ratio Lower Upper

41 100

69 92.4 71.5 107.3

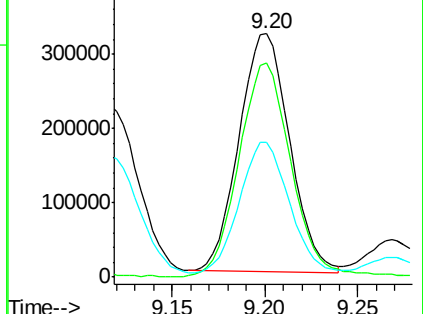
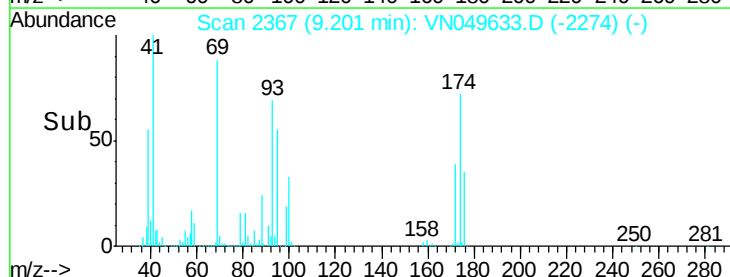
39 57.5 44.7 67.1

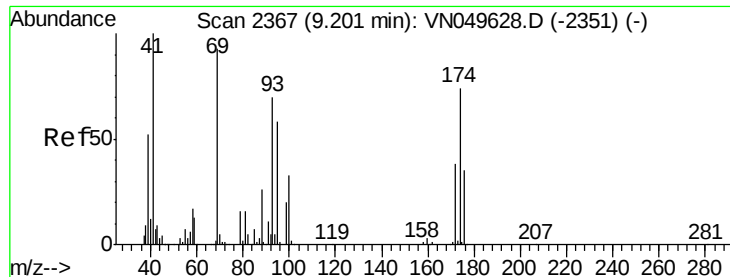


Abundance Ion 41.00 (40.70 to 41.70): VN049633.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049633.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049633.D (-2274) (-)

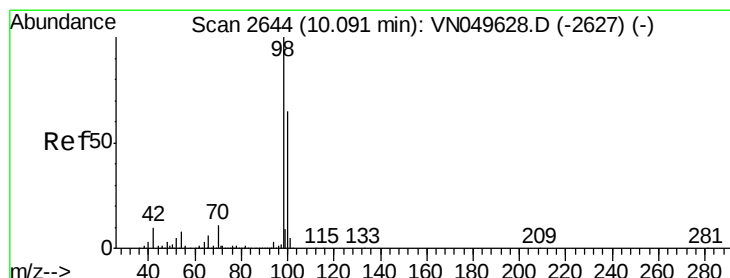
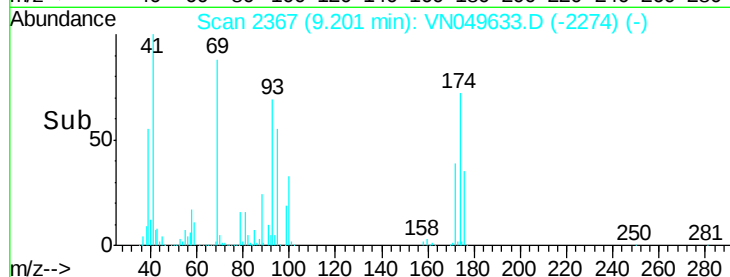
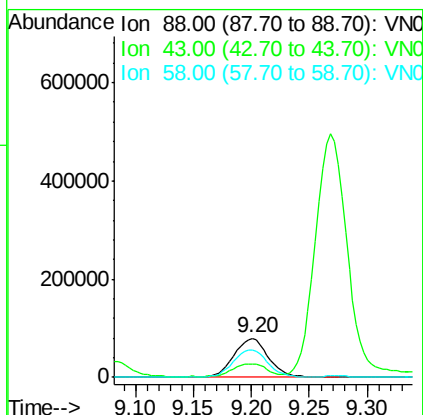
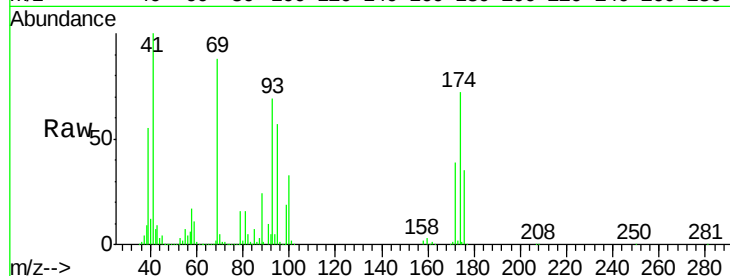




#49
1,4-Dioxane
Concen: 969.496 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

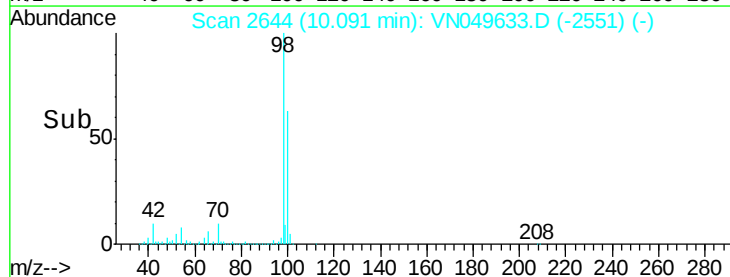
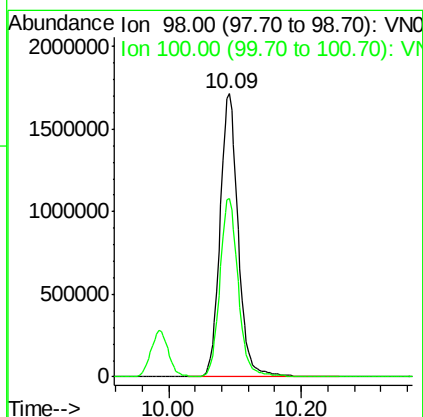
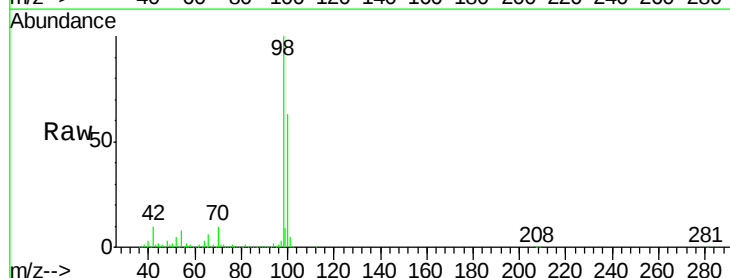
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062918

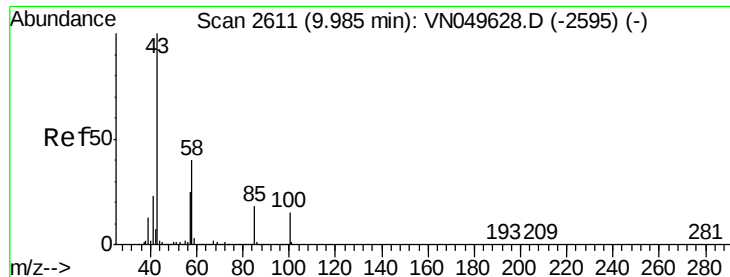
Tgt Ion: 88 Resp: 164983
Ion Ratio Lower Upper
88 100
43 30.9 25.1 37.7
58 70.4 52.5 78.7



#50
Toluene-d8
Concen: 51.069 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 98 Resp: 3243957
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5

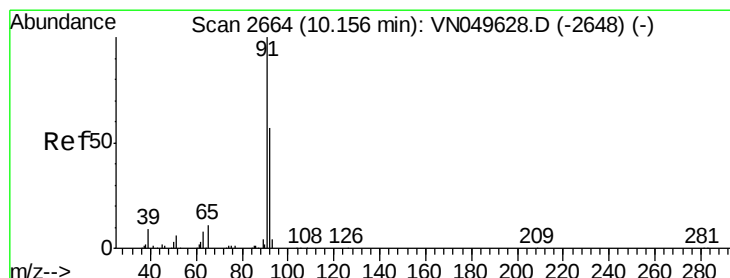
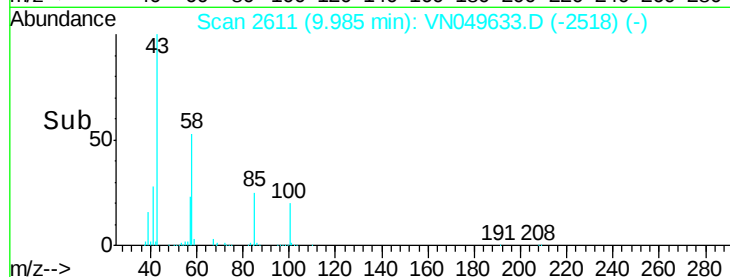
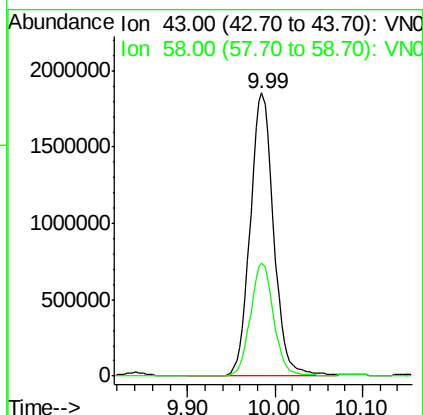
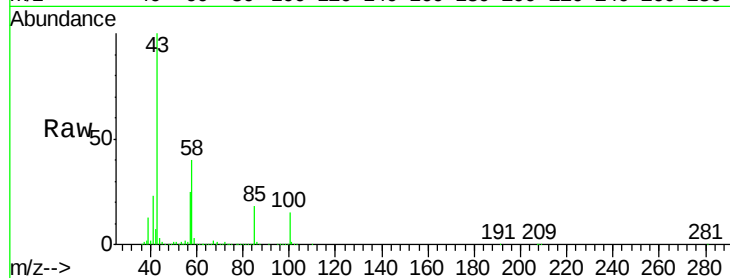




#51
 4-Methyl-2-Pentanone
 Concen: 246.719 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

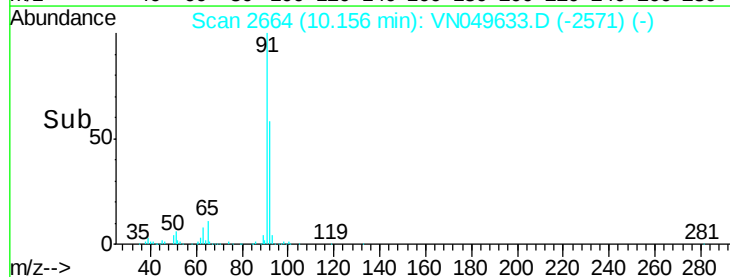
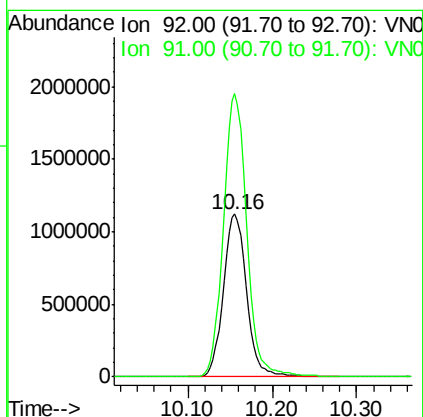
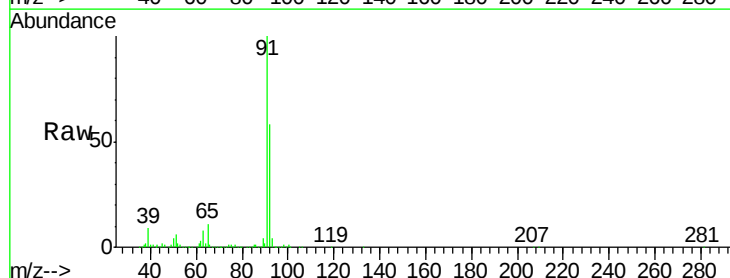
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062918

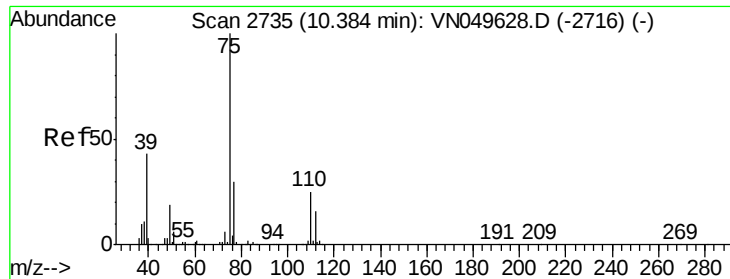
Tgt Ion: 43 Resp: 3445644
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.8 47.8



#52
 Toluene
 Concen: 47.719 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 92 Resp: 2149803
 Ion Ratio Lower Upper
 92 100
 91 175.0 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 49.081 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

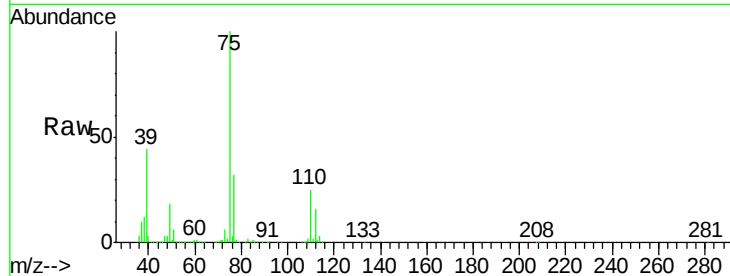
ICV062918

Tgt Ion: 75 Resp: 1166085

Ion Ratio Lower Upper

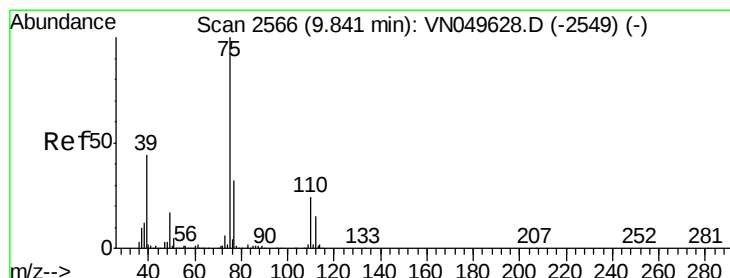
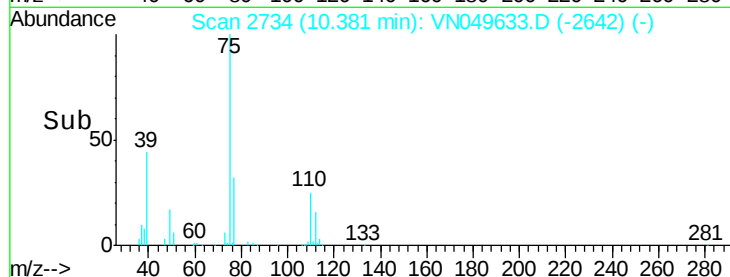
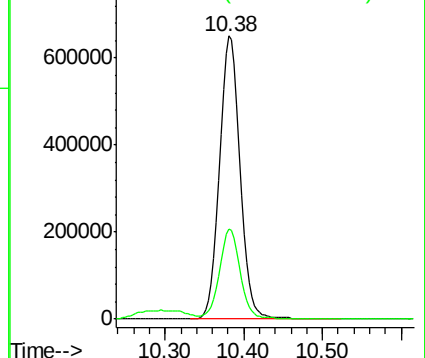
75 100

77 31.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 48.126 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

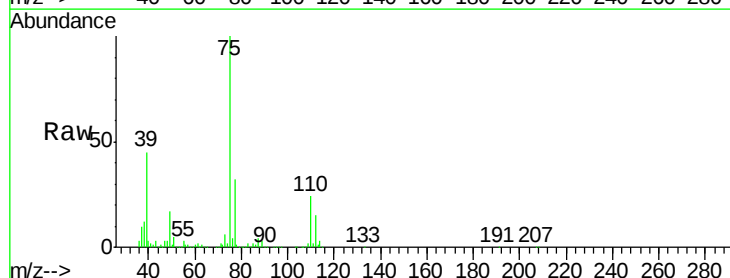
Tgt Ion: 75 Resp: 1336346

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

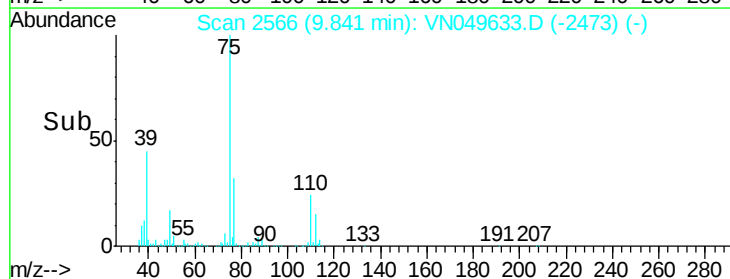
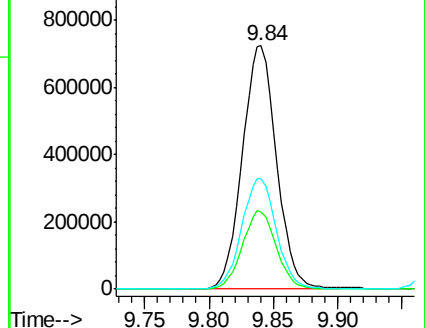
39 45.3 35.5 53.3

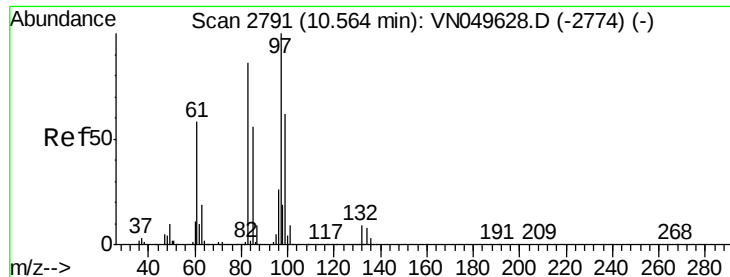


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

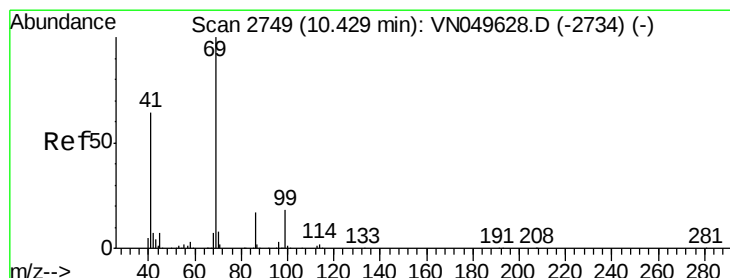
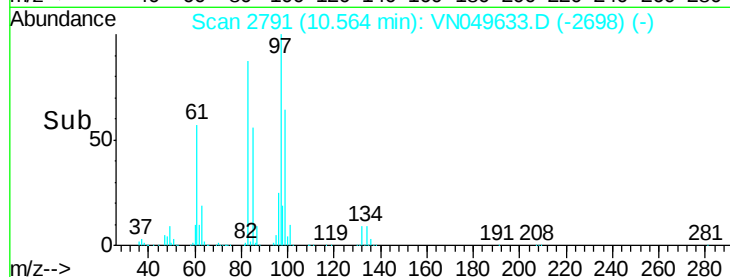
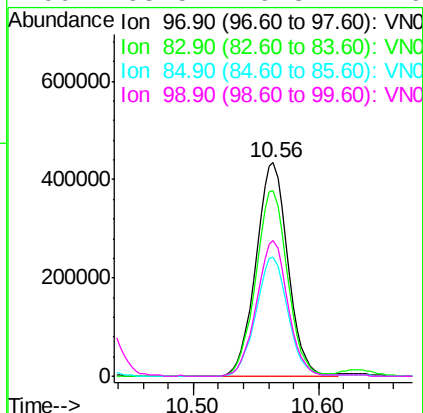
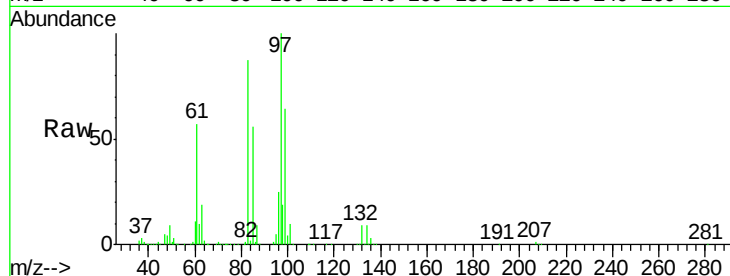




#55
 1,1,2-Trichloroethane
 Concen: 45.943 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

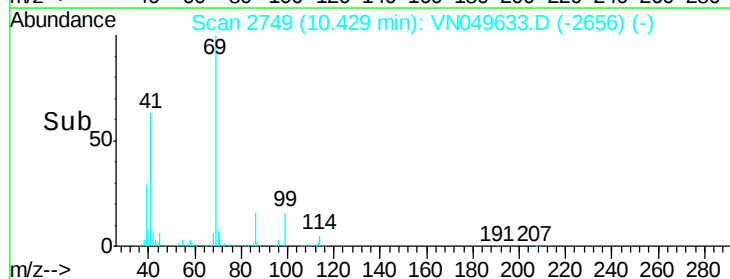
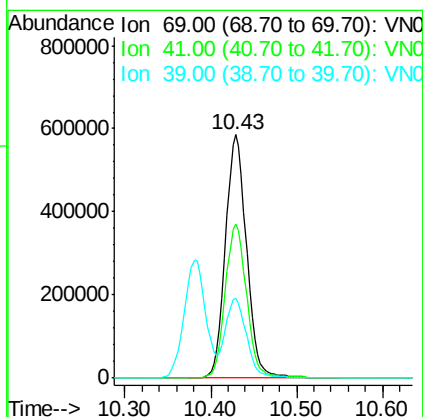
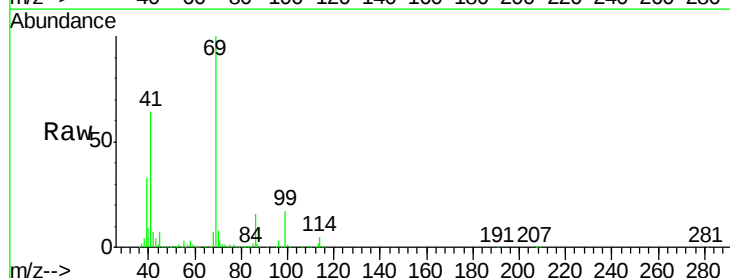
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062918

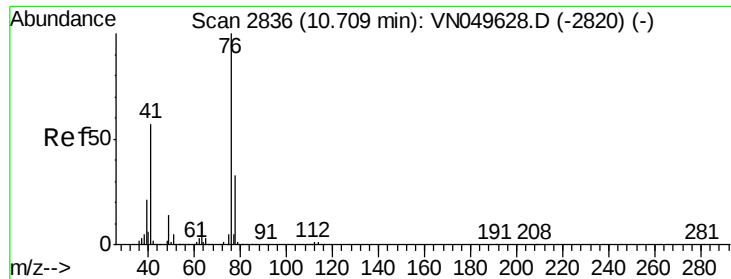
Tgt Ion:	97	Resp:	770672
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.0	103.6
85	55.8	44.9	67.3
99	63.5	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 51.027 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion:	69	Resp:	1003322
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.6	77.4
39	32.8	25.8	38.8





#57

1,3-Dichloropropane

Concen: 47.382 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

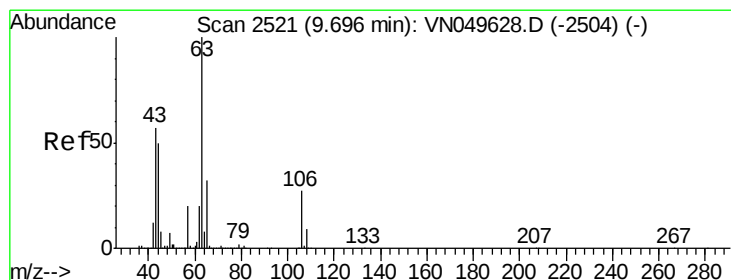
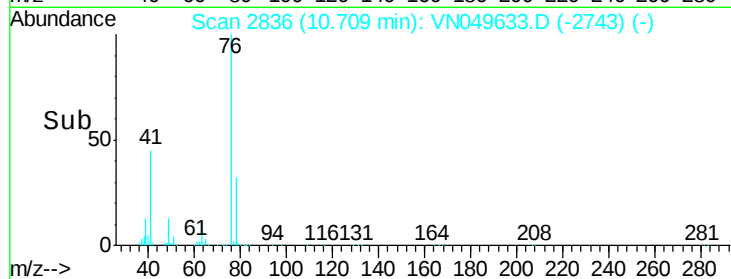
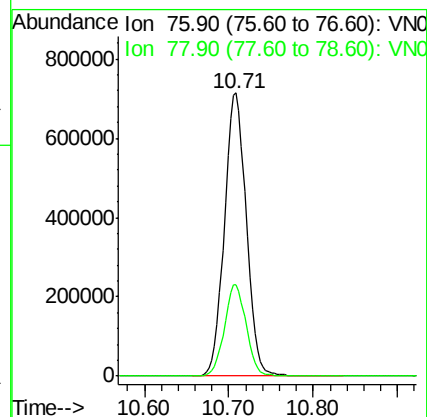
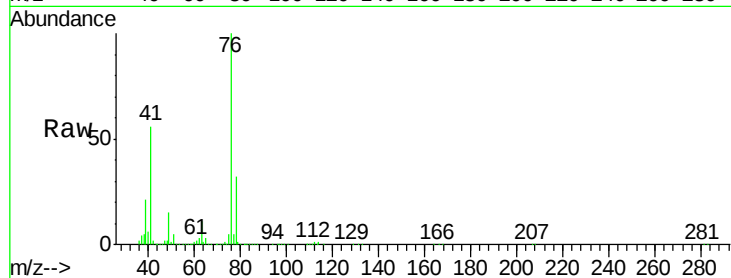
ICVFN062918

Tgt Ion: 76 Resp: 1288818

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 179.386 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049633.D

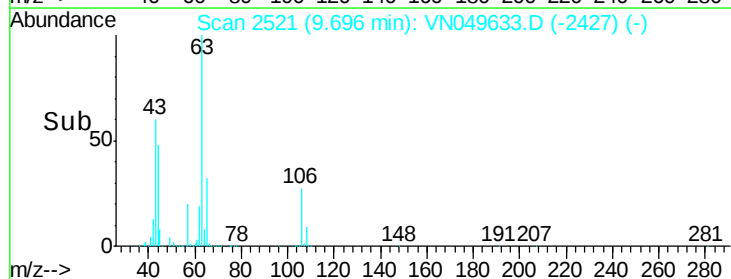
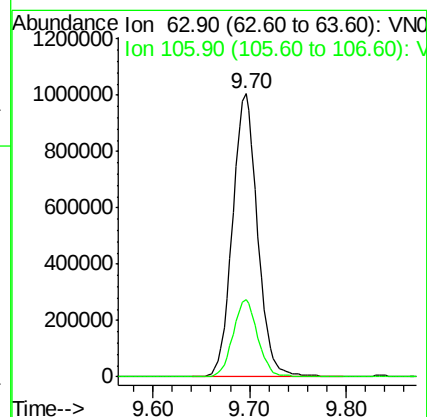
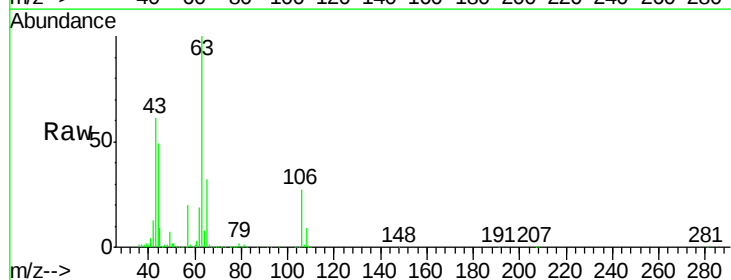
Acq: 29 Jun 2018 15:35

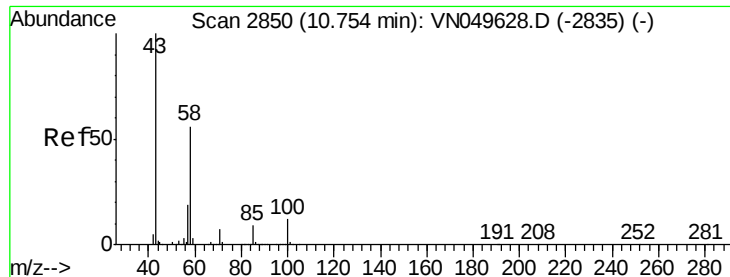
Tgt Ion: 63 Resp: 1805579

Ion Ratio Lower Upper

63 100

106 27.0 21.8 32.8

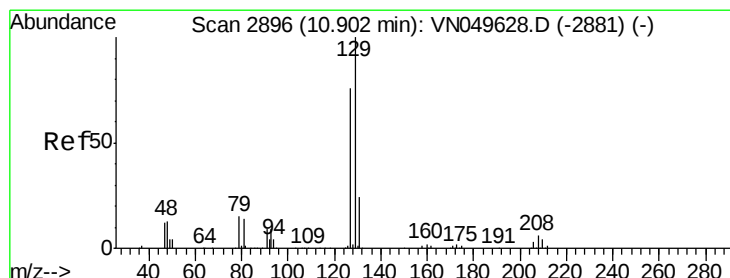
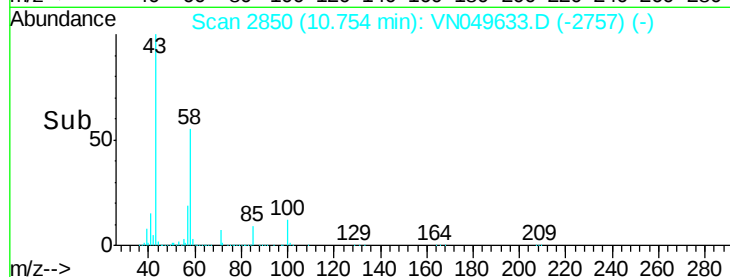
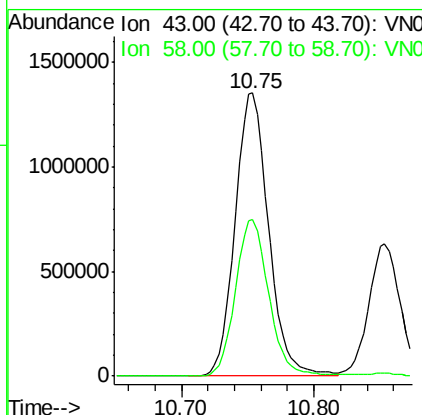
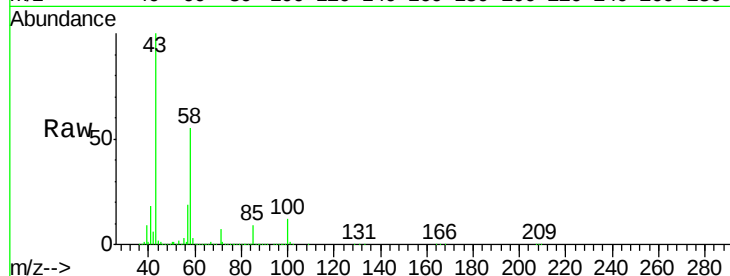




#59
2-Hexanone
Concen: 256.733 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

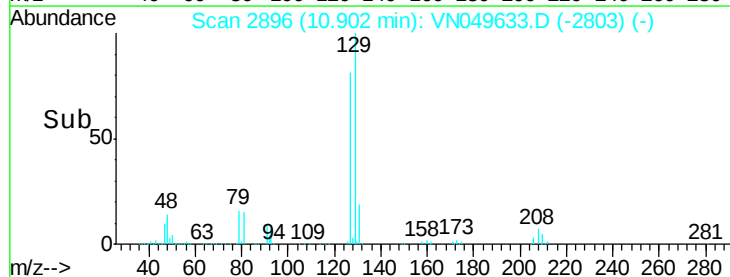
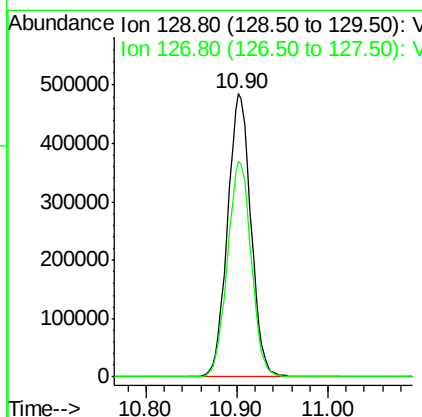
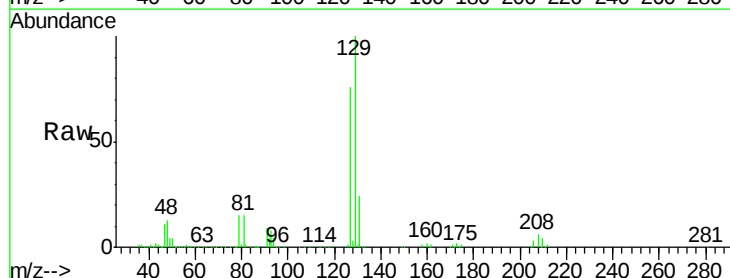
Instrument :
MSVOA_N
ClientSampleId :
ICVFN062918

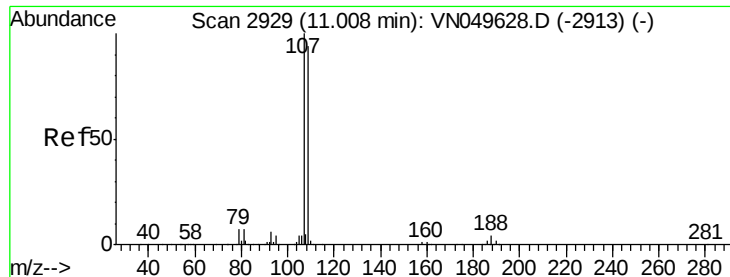
Tgt Ion: 43 Resp: 2370930
Ion Ratio Lower Upper
43 100
58 55.4 27.8 83.4



#60
Dibromochloromethane
Concen: 47.740 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 129 Resp: 865531
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9

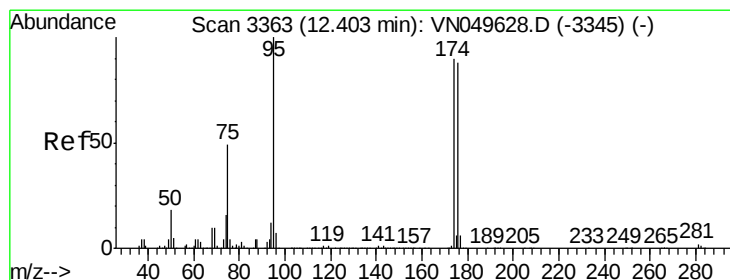
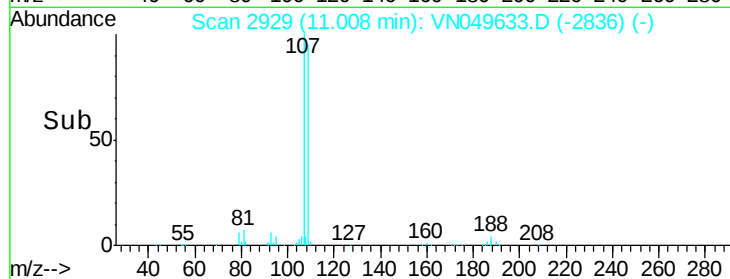
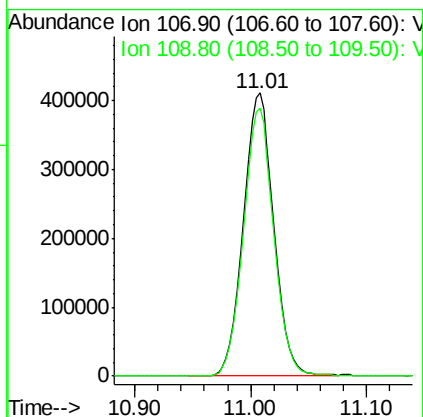
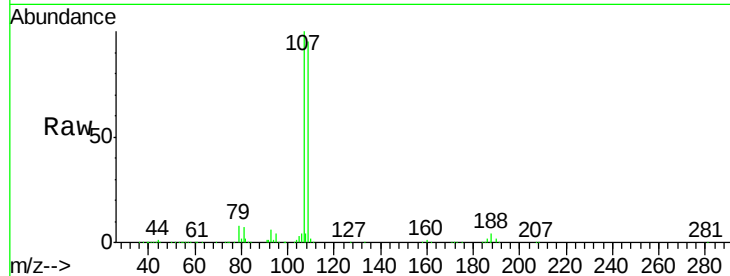




#61
 1,2-Dibromoethane
 Concen: 46.555 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

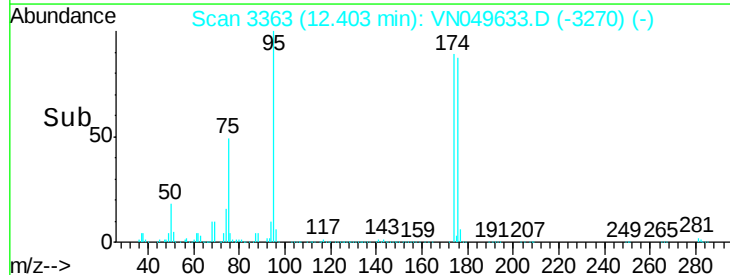
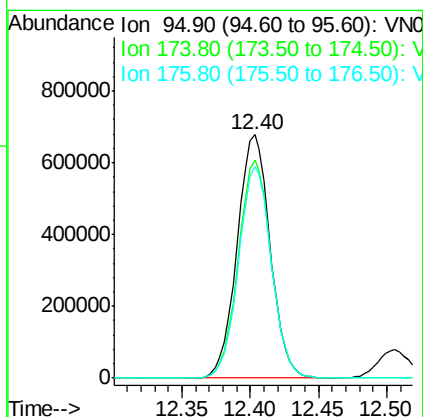
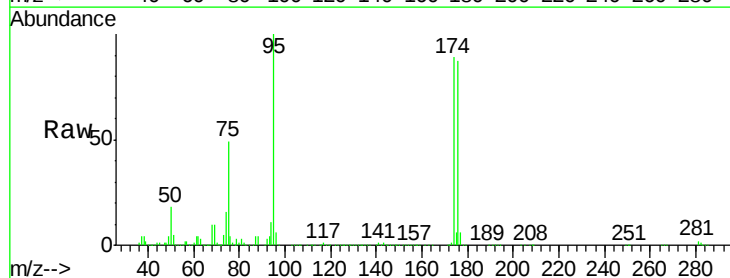
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062918

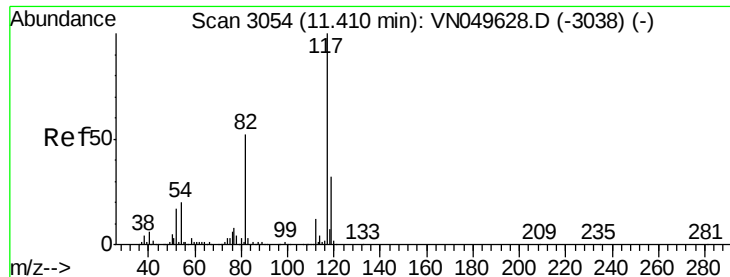
Tgt Ion: 107 Resp: 748257
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.513 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 95 Resp: 1138862
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 179.6
 176 86.6 0.0 174.0

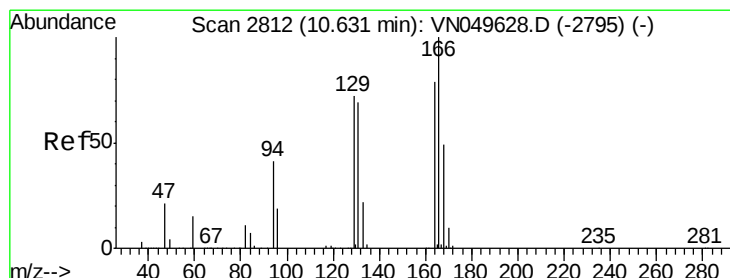
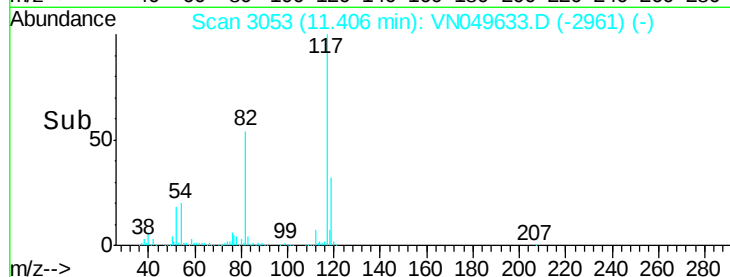
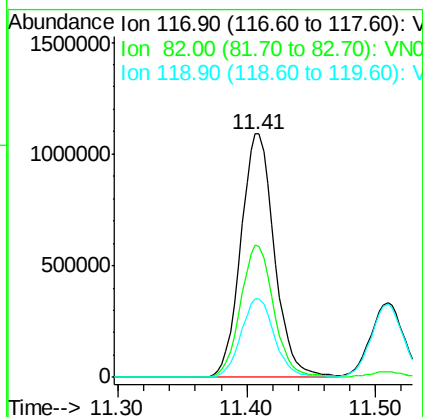
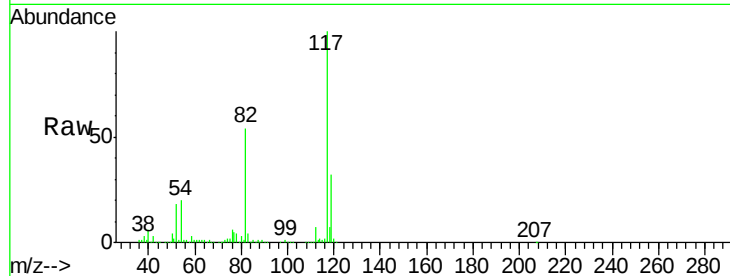




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

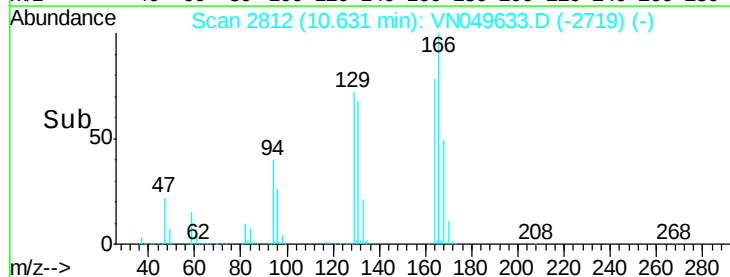
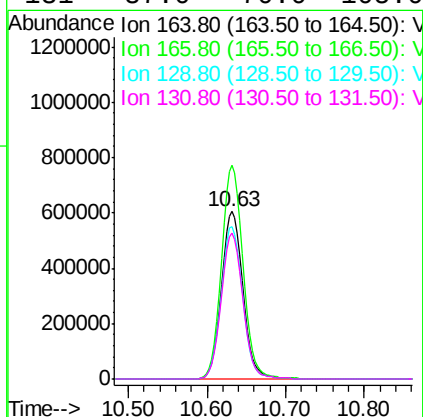
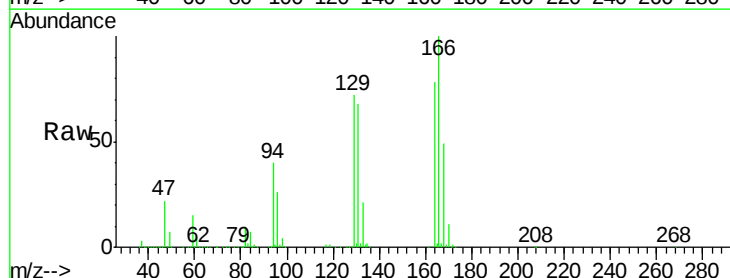
Instrument :
MSVOA_N
ClientSampled :
ICVVN062918

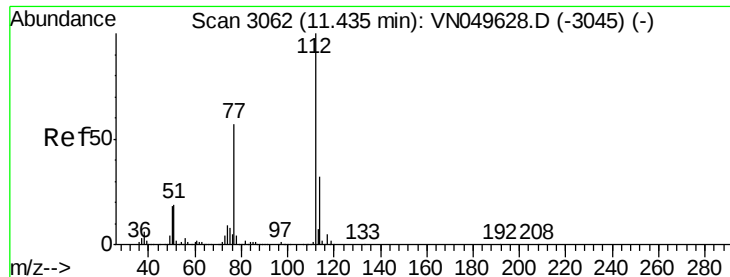
Tgt Ion:117 Resp: 1975920
Ion Ratio Lower Upper
117 100
82 54.3 41.9 62.9
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 42.500 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion:164 Resp: 1137068
Ion Ratio Lower Upper
164 100
166 127.6 101.8 152.6
129 91.2 72.8 109.2
131 87.0 70.0 105.0





#65

Chlorobenzene

Concen: 45.526 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

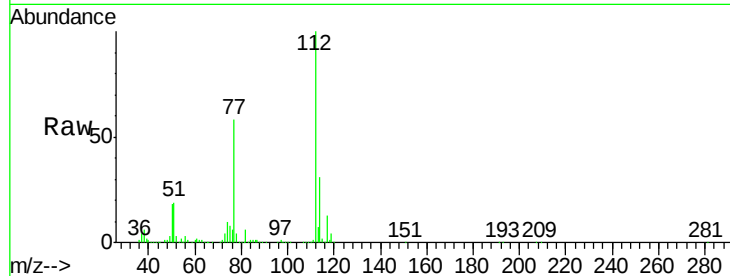
ICVNN062918

Tgt Ion:112 Resp: 2346641

Ion Ratio Lower Upper

112 100

114 31.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

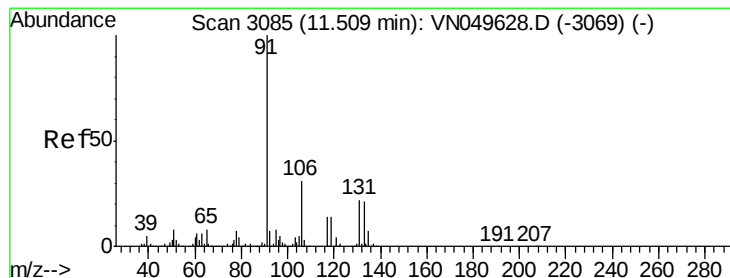
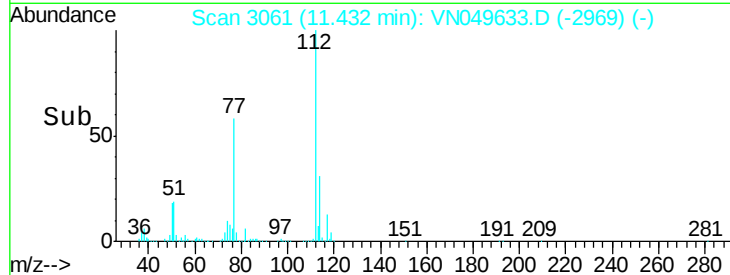
1500000

1000000

500000

0

Time--> 11.30 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 46.394 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

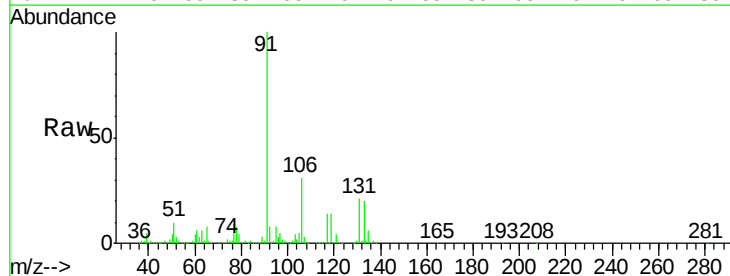
Tgt Ion:131 Resp: 859265

Ion Ratio Lower Upper

131 100

133 94.6 47.5 142.6

119 66.1 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

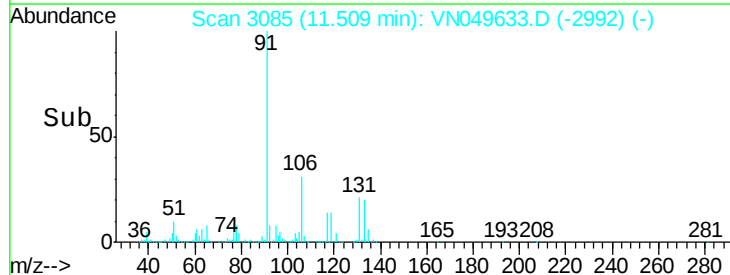
600000

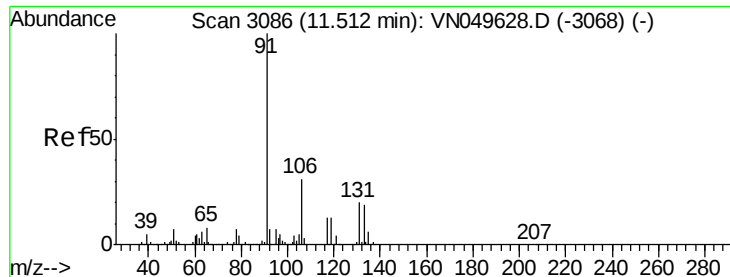
400000

200000

0

Time--> 11.40 11.50 11.60





#67

Ethyl Benzene

Concen: 47.750 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

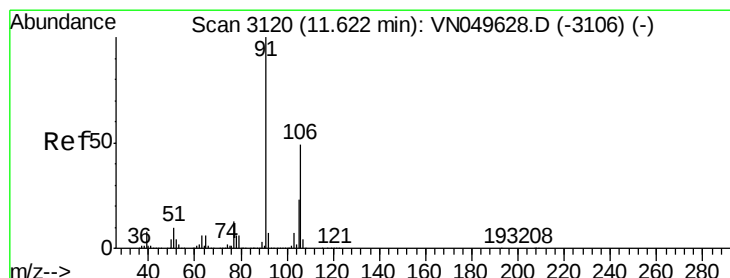
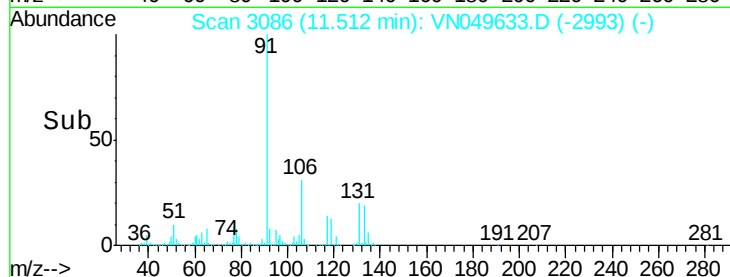
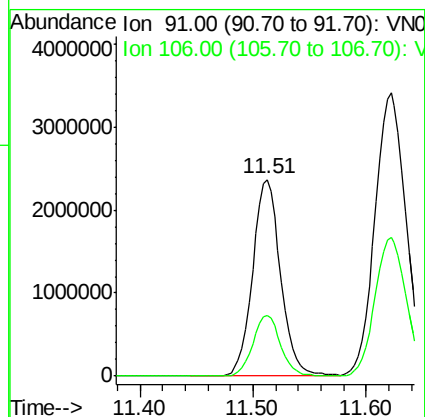
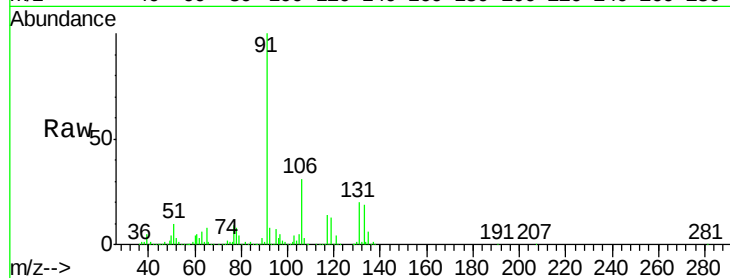
ICVVN062918

Tgt Ion: 91 Resp: 4068643

Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



#68

m/p-Xylenes

Concen: 98.201 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049633.D

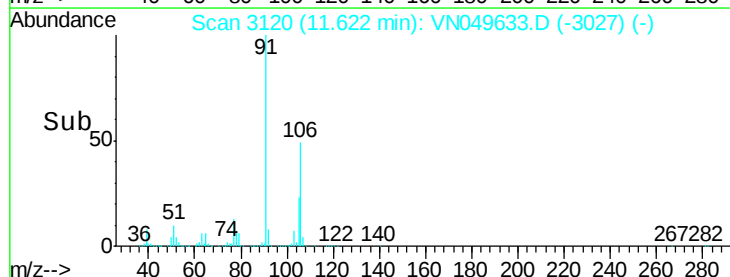
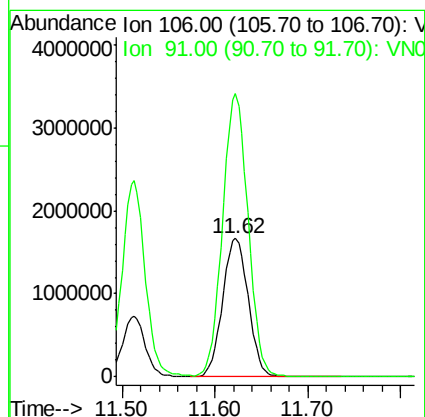
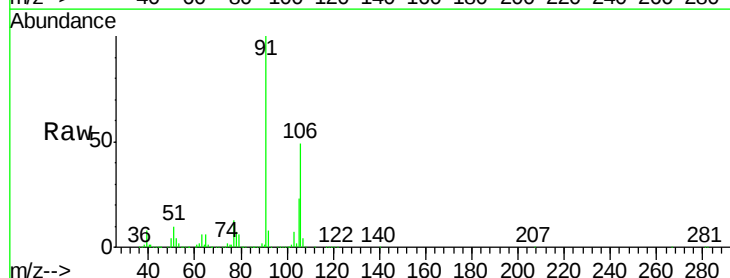
Acq: 29 Jun 2018 15:35

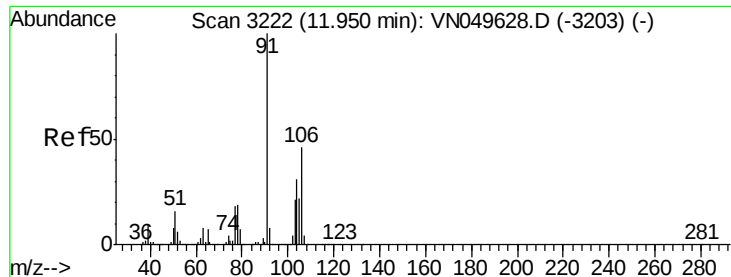
Tgt Ion: 106 Resp: 3206654

Ion Ratio Lower Upper

106 100

91 202.4 163.4 245.2

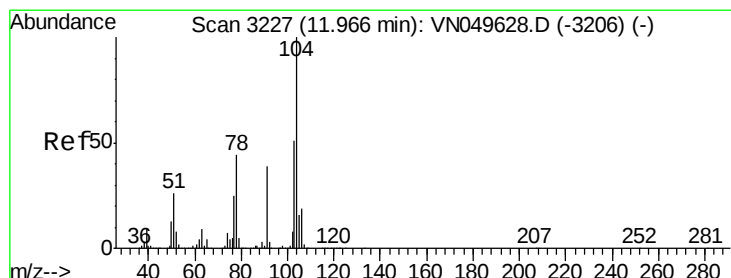
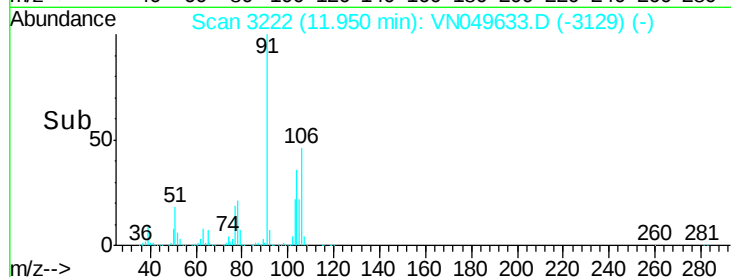
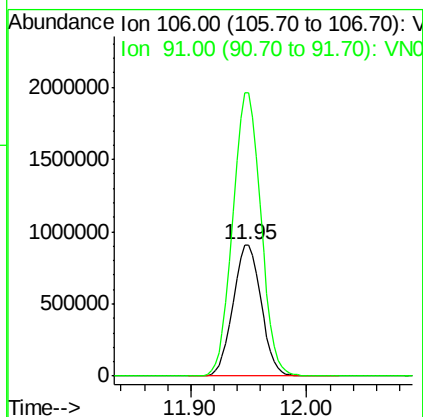
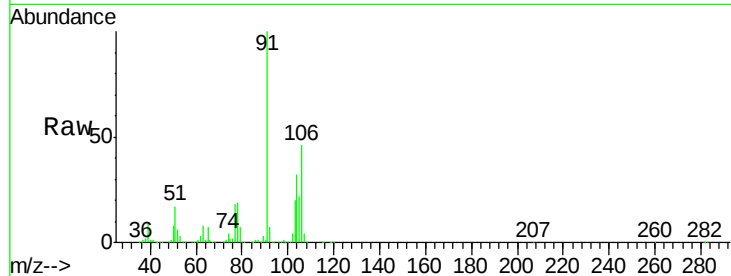




#69
o-Xylene
Concen: 48.541 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

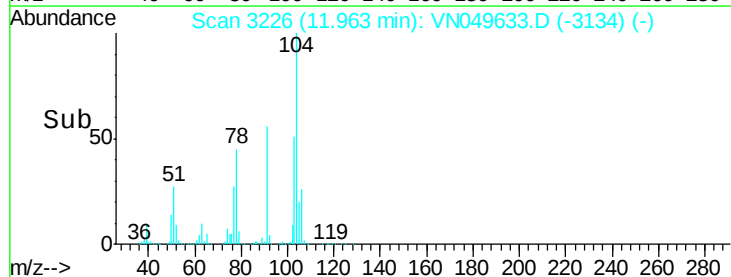
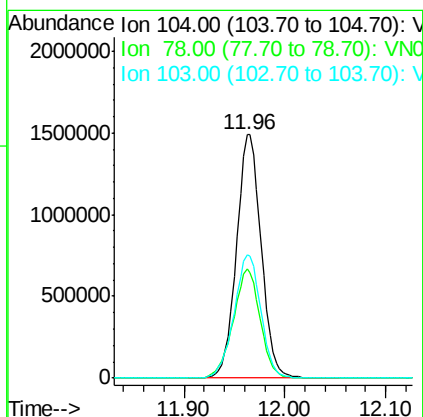
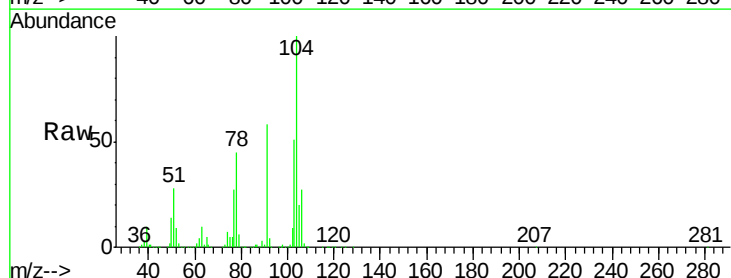
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062918

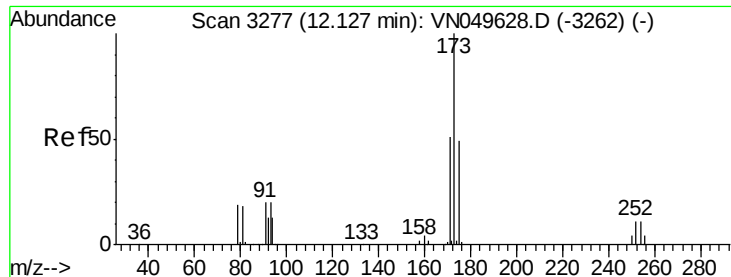
Tgt Ion:106 Resp: 1517558
Ion Ratio Lower Upper
106 100
91 216.2 108.7 326.1



#70
Styrene
Concen: 49.872 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion:104 Resp: 2522778
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 55.2 44.6 67.0





#71

Bromoform

Concen: 48.293 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062918

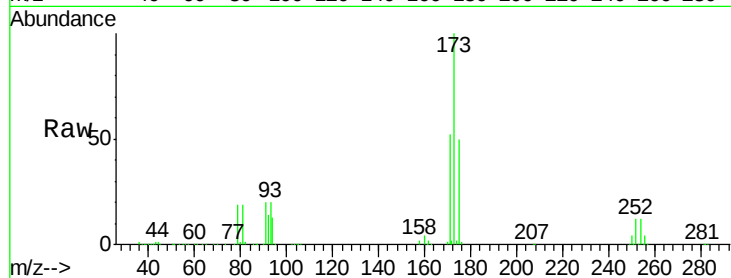
Tgt Ion:173 Resp: 594328

Ion Ratio Lower Upper

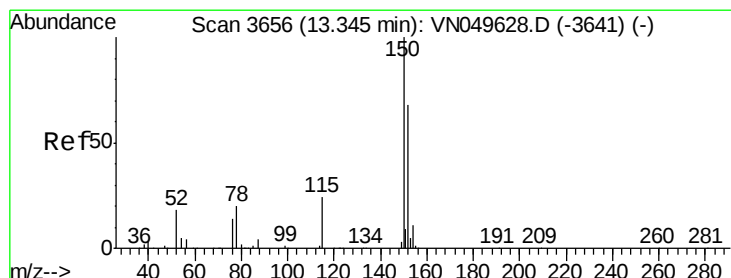
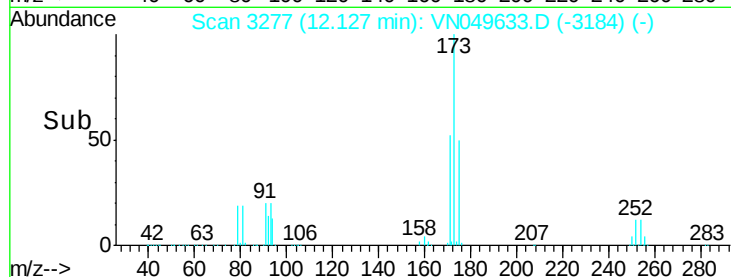
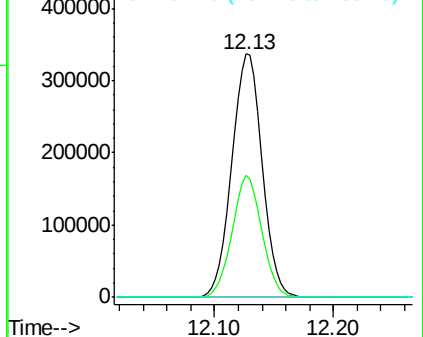
173 100

175 48.9 24.6 73.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

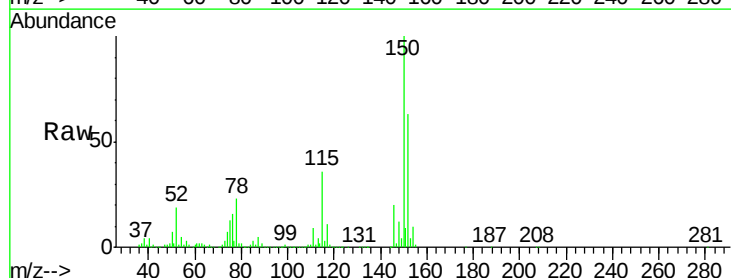
Tgt Ion:152 Resp: 1108585

Ion Ratio Lower Upper

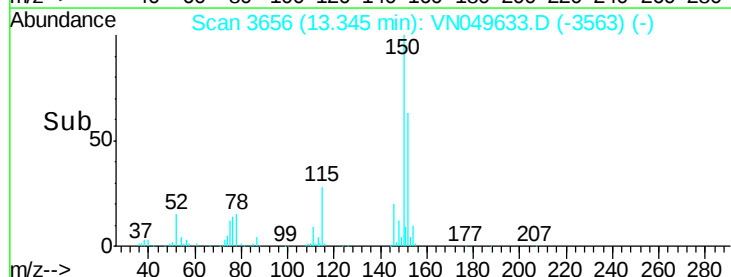
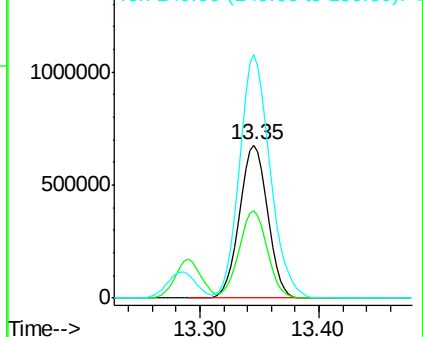
152 100

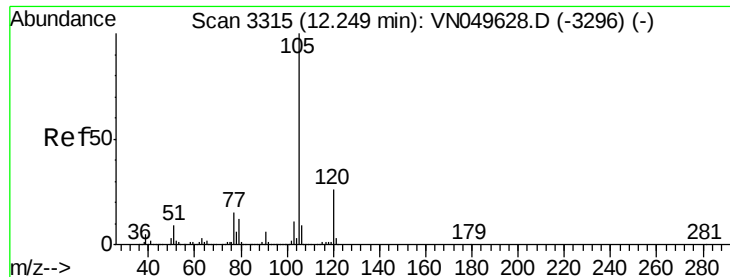
115 56.8 28.1 84.2

150 172.7 0.0 347.6



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: 45.863 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

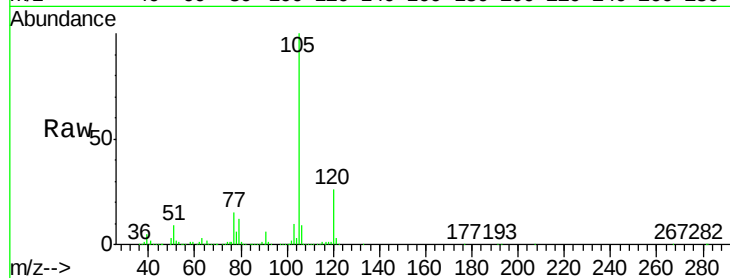
ICVVN062918

Tgt Ion:105 Resp: 4049881

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

2500000

2000000

1500000

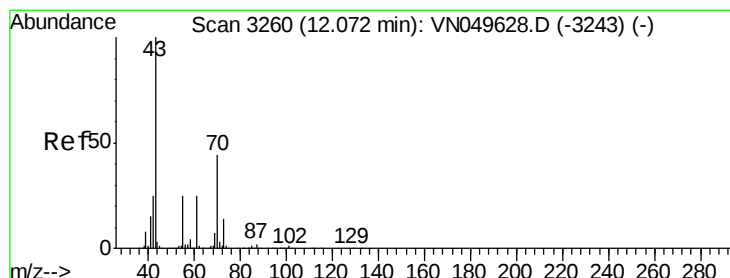
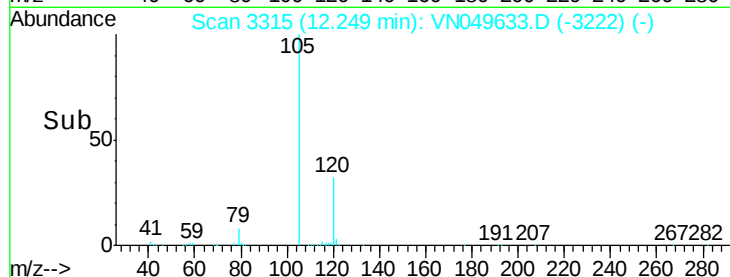
1000000

500000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 46.654 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Tgt Ion: 43 Resp: 1125326

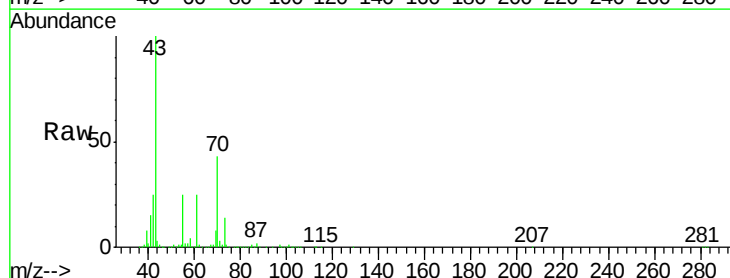
Ion Ratio Lower Upper

43 100

70 43.6 34.8 52.2

55 25.6 20.9 31.3

61 25.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.07

1000000

800000

600000

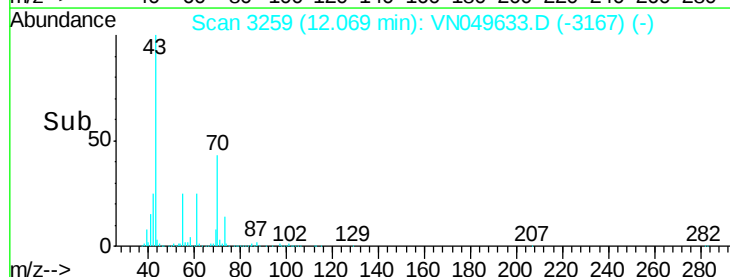
400000

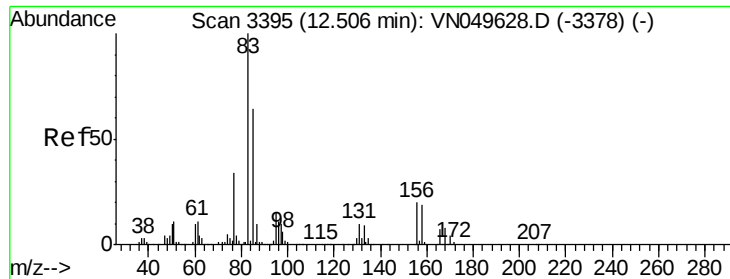
200000

0

Time-->

12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 47.372 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICV062918

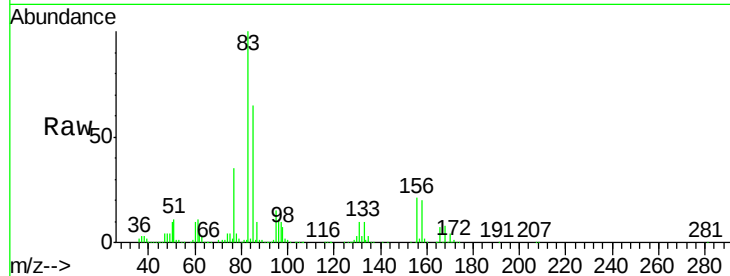
Tgt Ion: 83 Resp: 870064

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

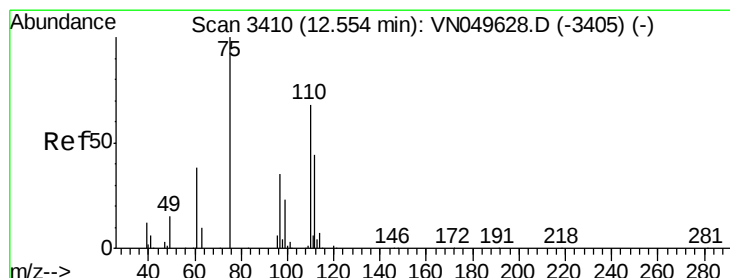
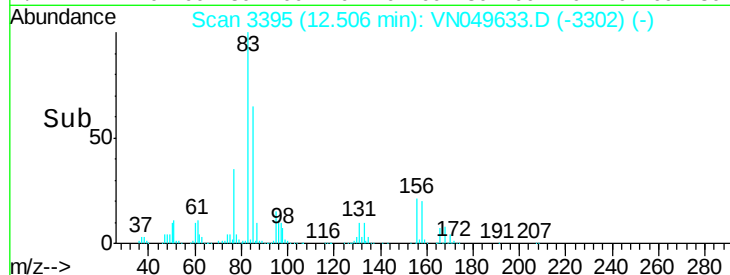
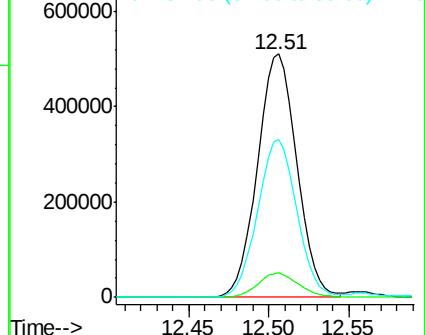
85 64.6 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049633.D (-3302) (-)

Ion 130.80 (130.50 to 131.50): VN049633.D (-3302) (-)

Ion 84.90 (84.60 to 85.60): VN049633.D (-3302) (-)



#76

1,2,3-Trichloropropane

Concen: 65.399 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049633.D

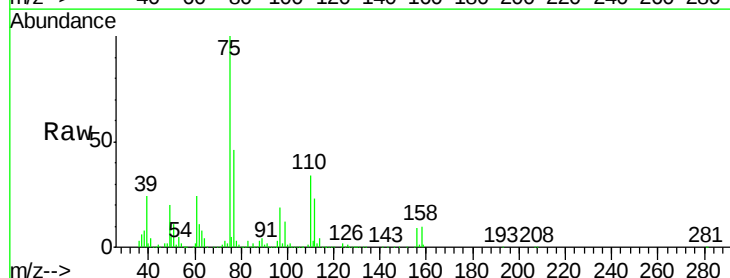
Acq: 29 Jun 2018 15:35

Tgt Ion: 75 Resp: 1162756

Ion Ratio Lower Upper

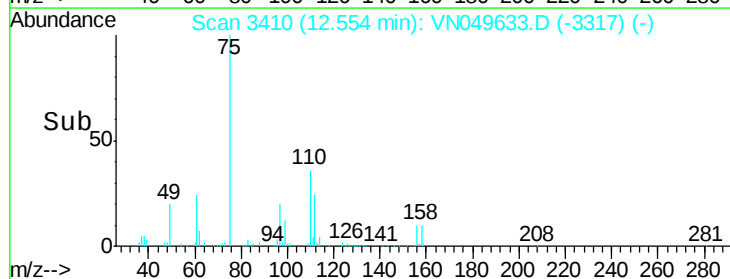
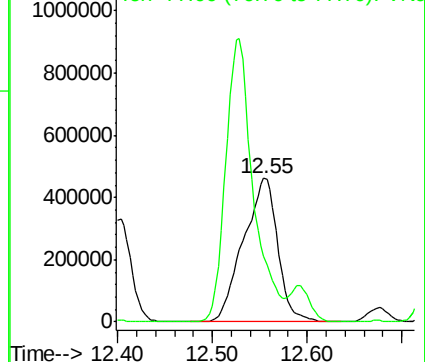
75 100

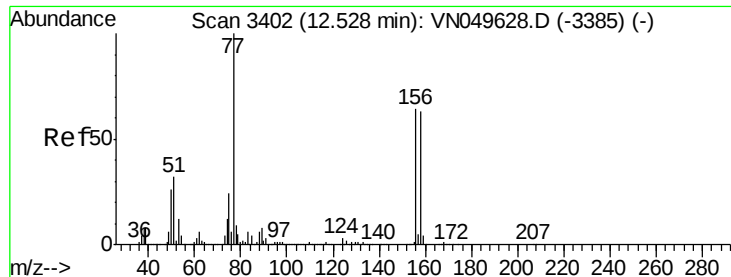
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049633.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049633.D (-3317) (-)





#77

Bromobenzene

Concen: 42.866 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062918

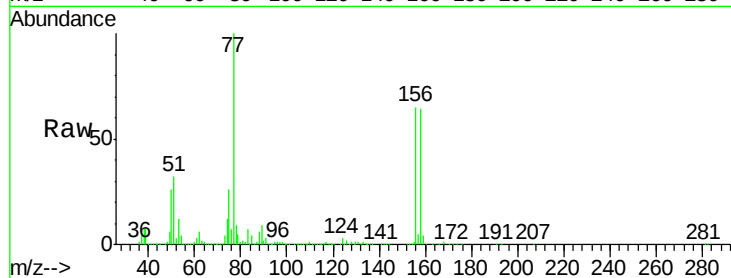
Tgt Ion:156 Resp: 1029288

Ion Ratio Lower Upper

156 100

77 180.4 90.2 270.6

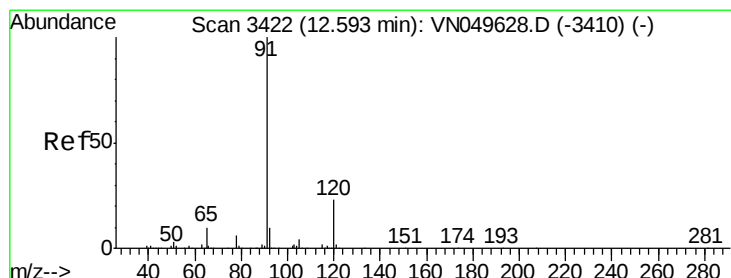
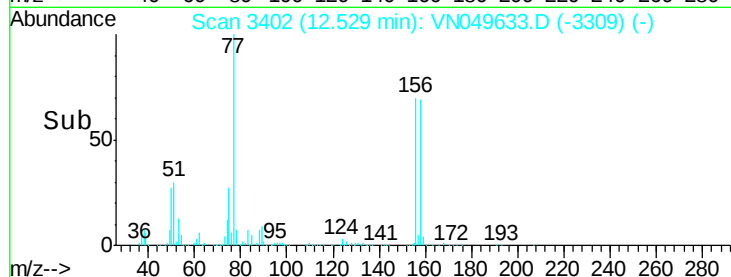
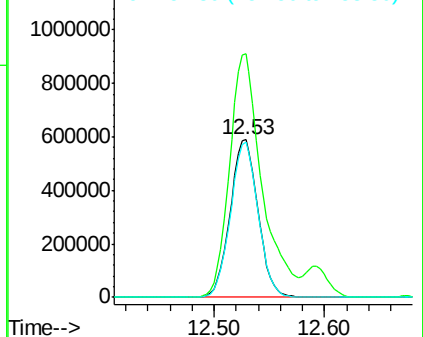
158 97.5 49.1 147.3



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: 47.241 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049633.D

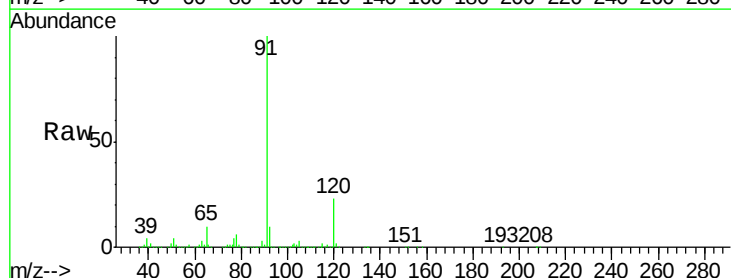
Acq: 29 Jun 2018 15:35

Tgt Ion: 91 Resp: 4780941

Ion Ratio Lower Upper

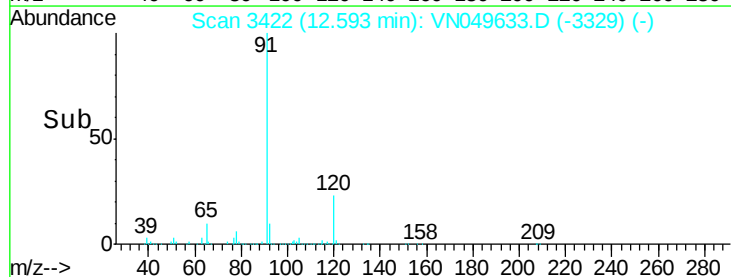
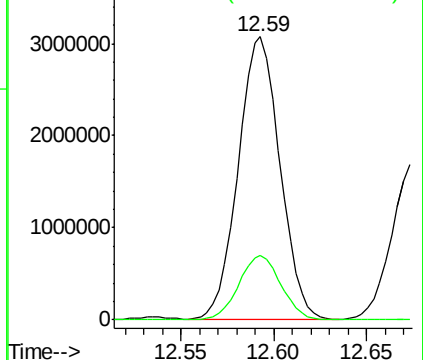
91 100

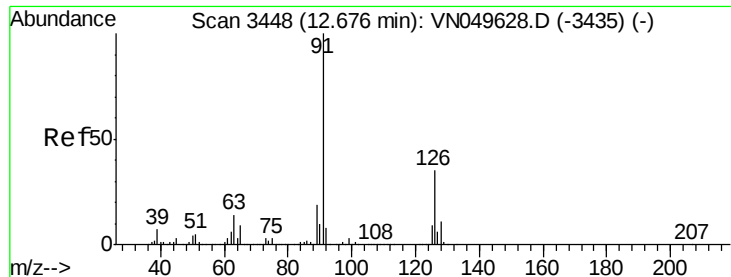
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

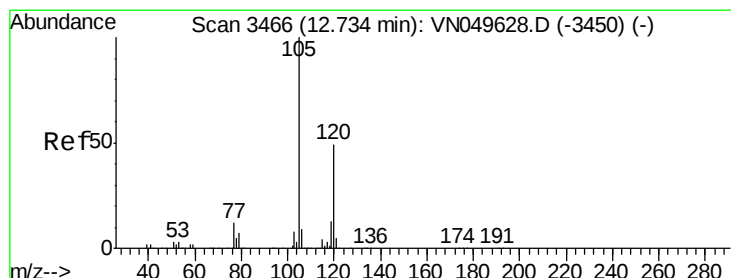
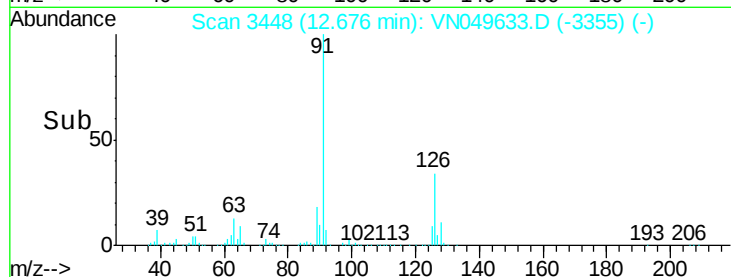
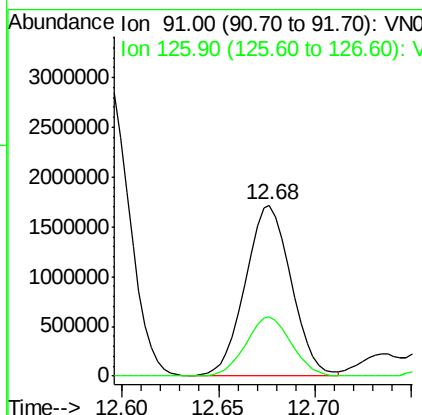
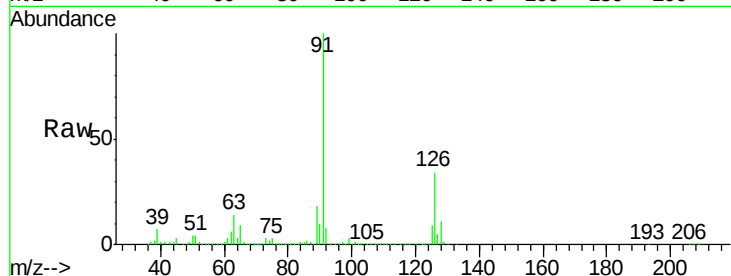




#79
 2-Chlorotoluene
 Concen: 44.101 ug/l
 RT: 12.68 min Scan# 3448
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

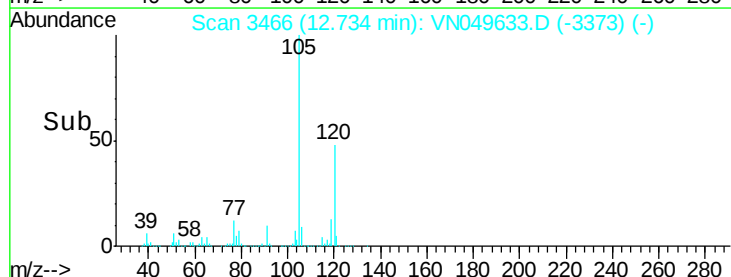
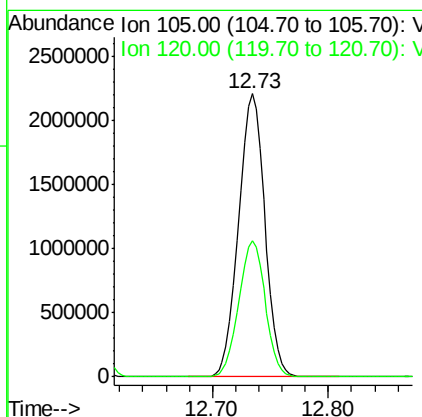
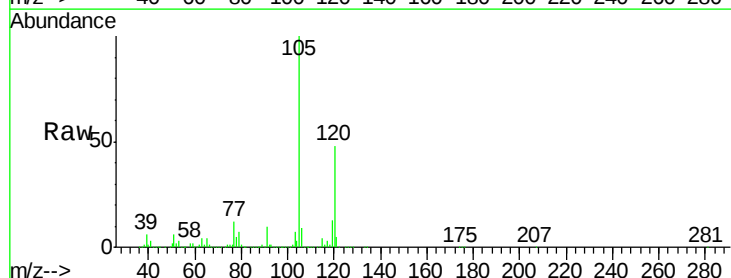
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062918

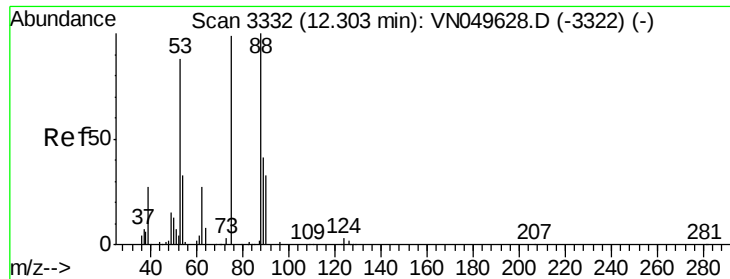
Tgt Ion: 91 Resp: 2824673
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 47.175 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 105 Resp: 3461659
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.679 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062918

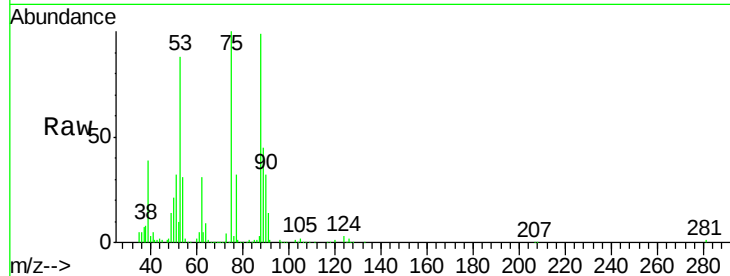
Tgt Ion: 75 Resp: 249583

Ion Ratio Lower Upper

75 100

53 92.4 73.9 110.9

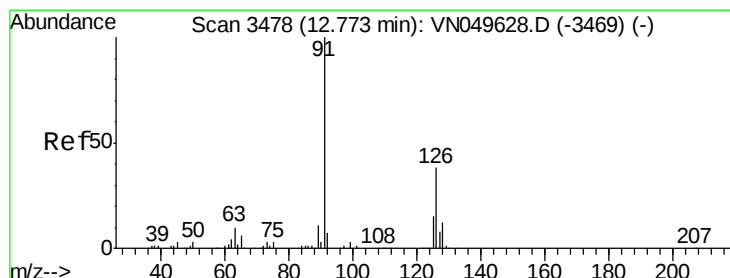
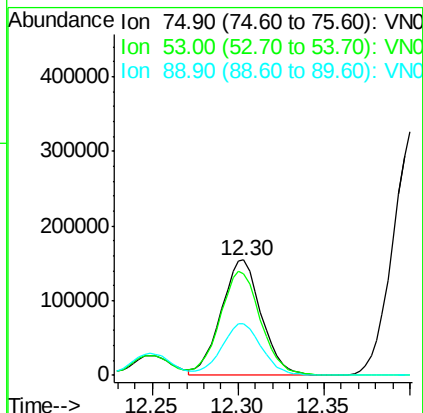
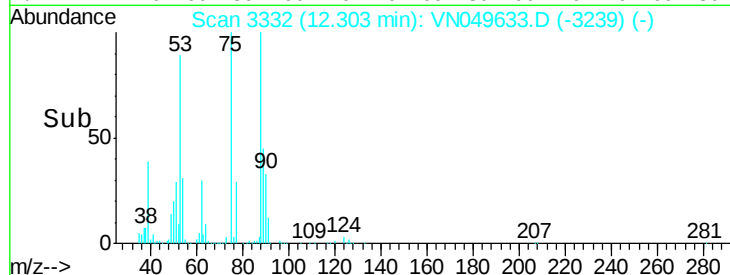
89 45.9 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 44.973 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN049633.D

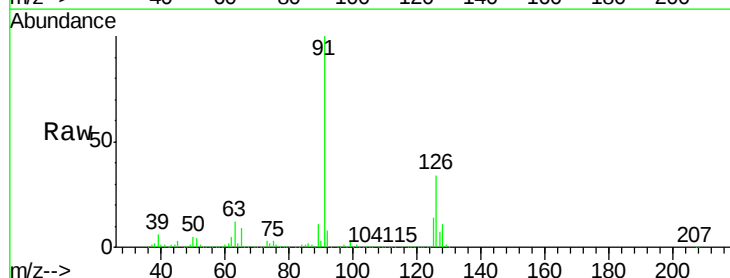
Acq: 29 Jun 2018 15:35

Tgt Ion: 91 Resp: 2896269

Ion Ratio Lower Upper

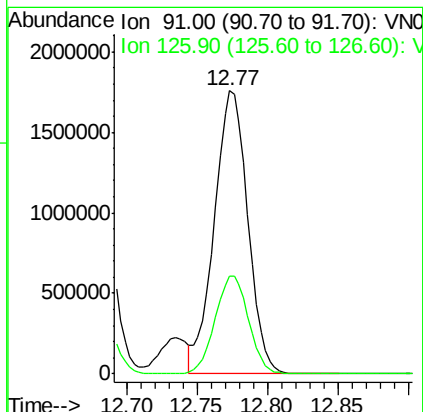
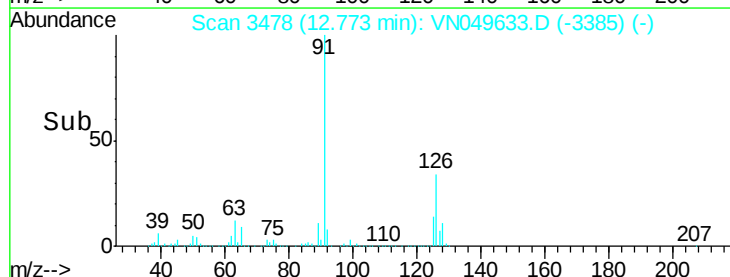
91 100

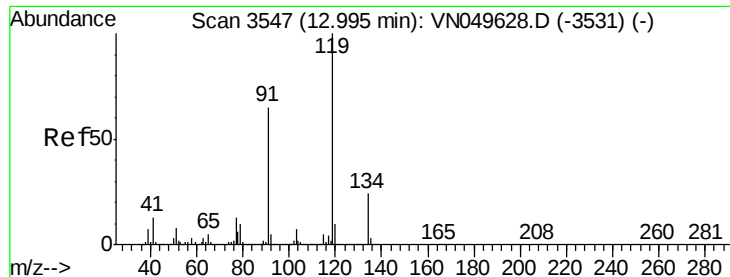
126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 45.597 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062918

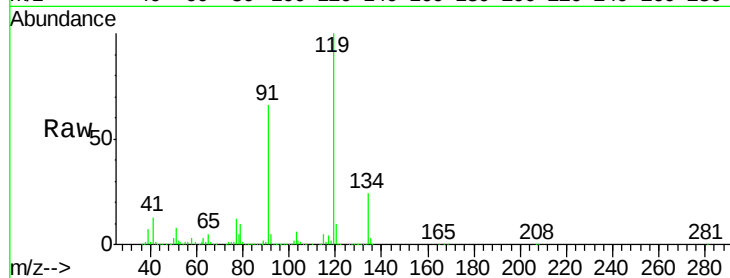
Tgt Ion:119 Resp: 2874216

Ion Ratio Lower Upper

119 100

91 65.0 32.0 96.2

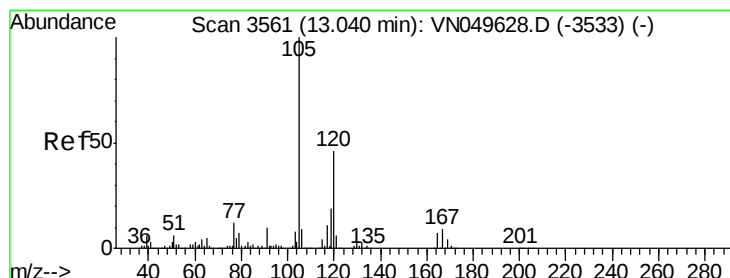
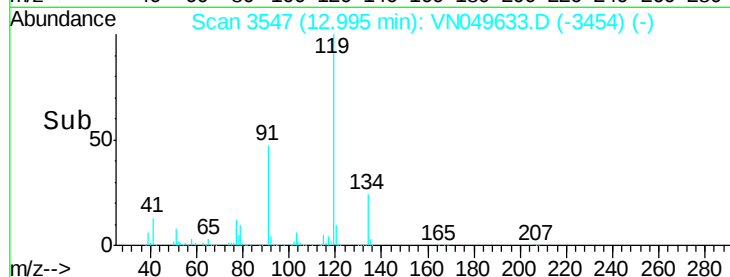
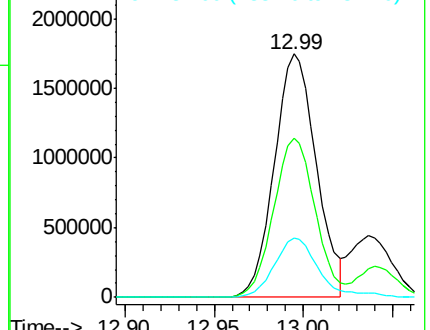
134 25.6 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.296 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN049633.D

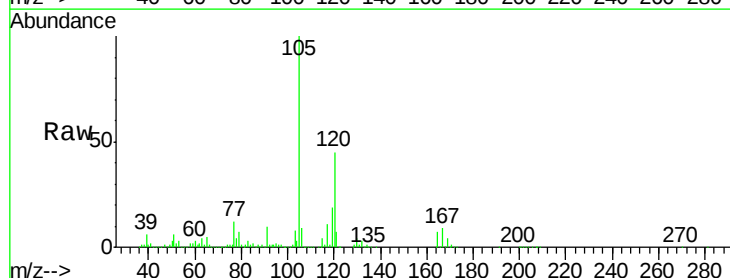
Acq: 29 Jun 2018 15:35

Tgt Ion:105 Resp: 3566101

Ion Ratio Lower Upper

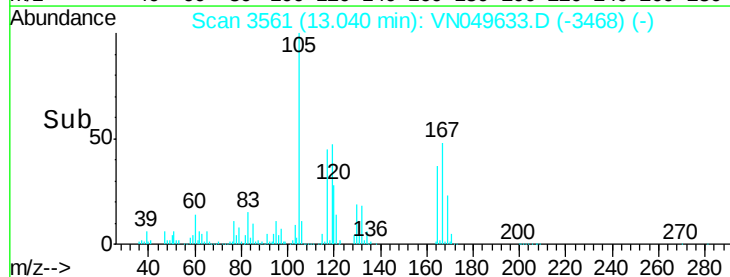
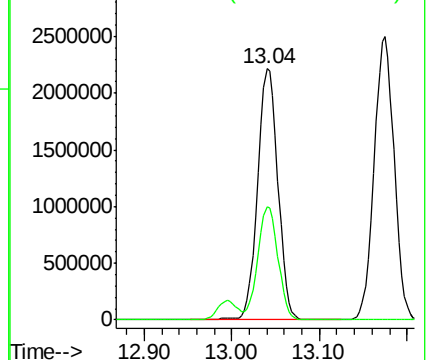
105 100

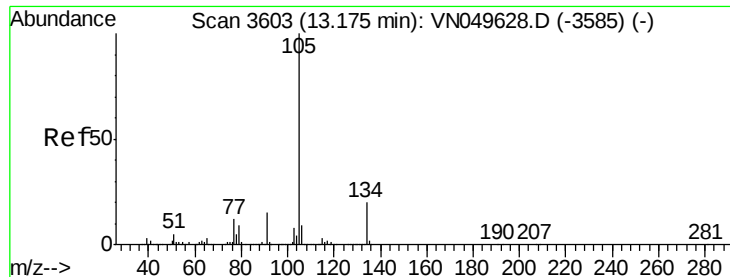
120 44.9 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

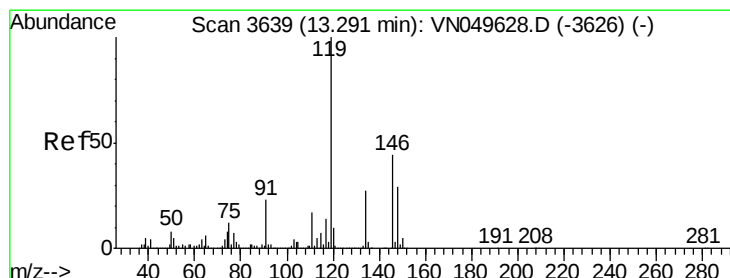
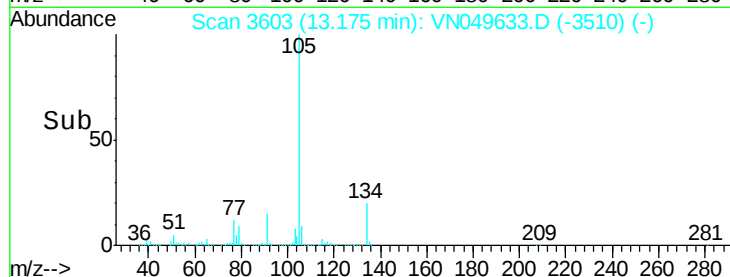
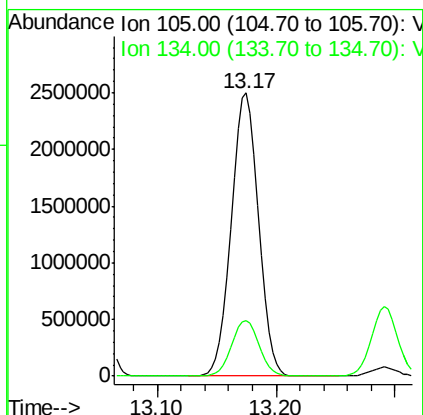
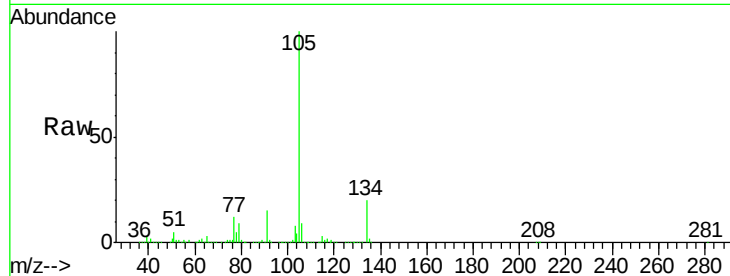




#85
 sec-Butylbenzene
 Concen: 47.238 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

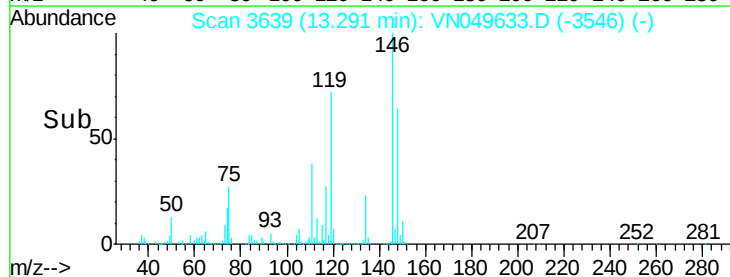
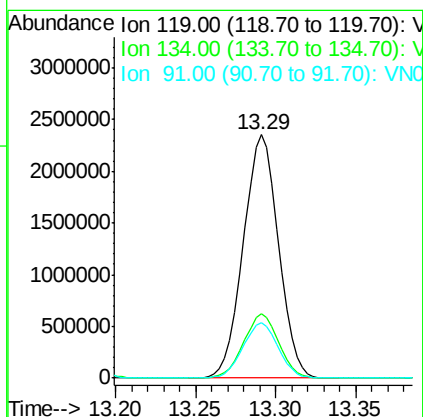
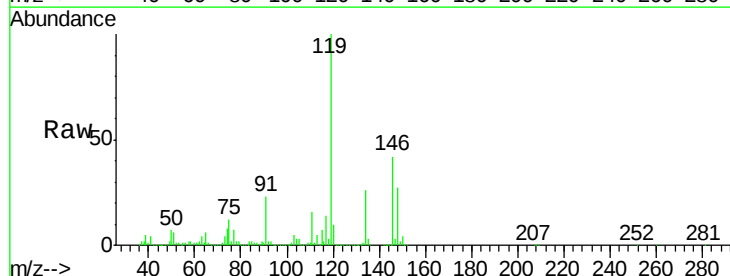
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN062918

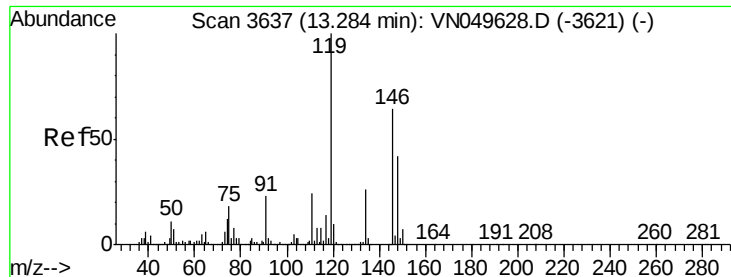
Tgt Ion:105 Resp: 3945144
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 48.679 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion:119 Resp: 3521381
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 22.7 11.4 34.1

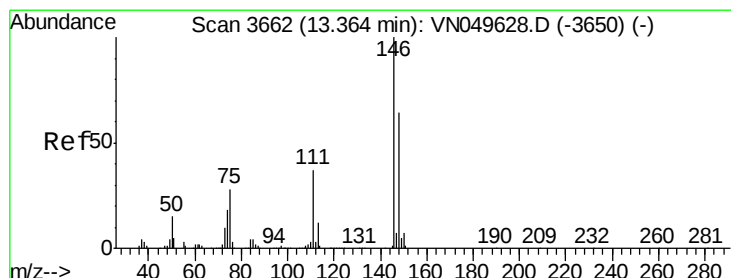
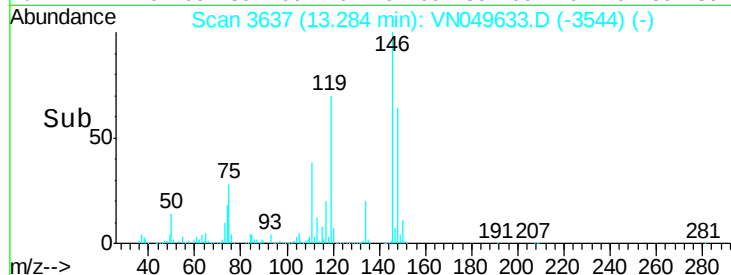
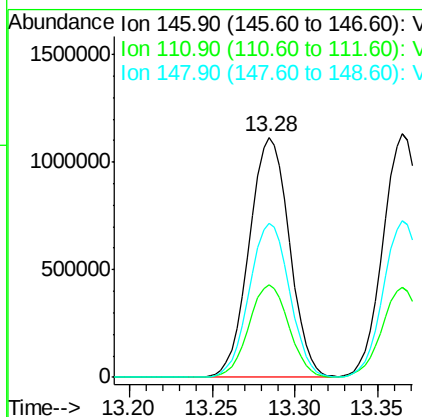
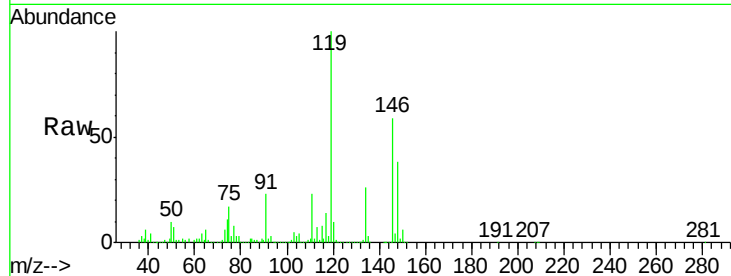




#87
 1,3-Dichlorobenzene
 Concen: 46.393 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

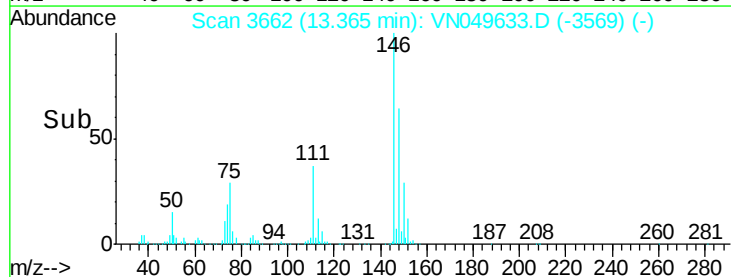
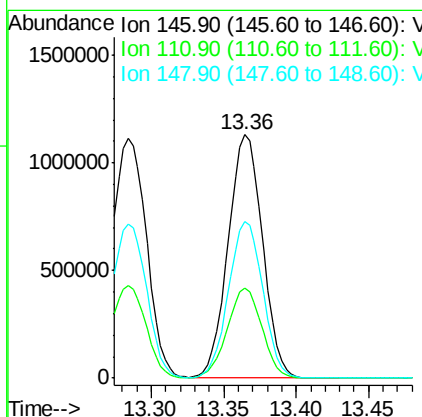
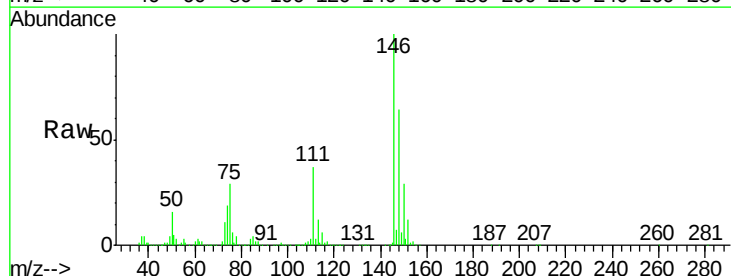
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062918

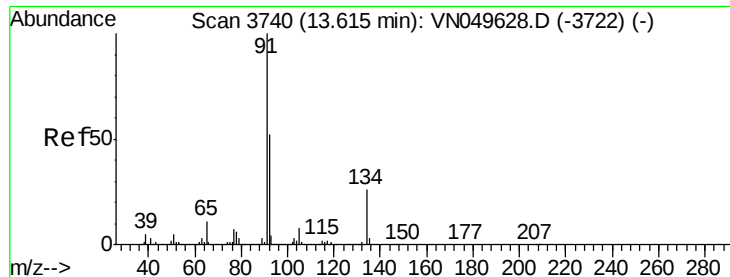
Tgt Ion:146 Resp: 1888140
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 64.4 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 46.445 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion:146 Resp: 1856302
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.9 56.5
 148 64.4 32.1 96.3





#89

n-Butylbenzene

Concen: 48.529 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062918

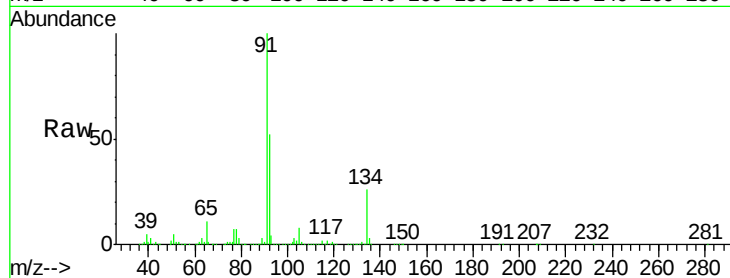
Tgt Ion: 91 Resp: 3005430

Ion Ratio Lower Upper

91 100

92 51.8 25.8 77.3

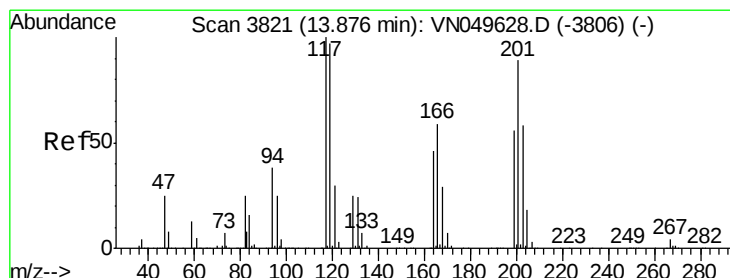
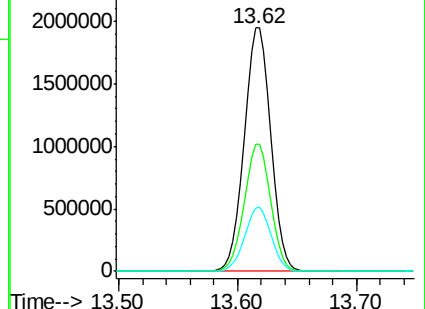
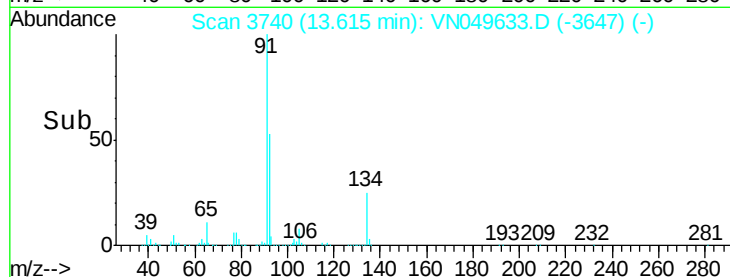
134 26.2 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN049633.D (-3647) (-)

Ion 92.00 (91.70 to 92.70): VN049633.D (-3647) (-)

Ion 134.00 (133.70 to 134.70): VN049633.D (-3647) (-)



#90

Hexachloroethane

Concen: 57.123 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049633.D

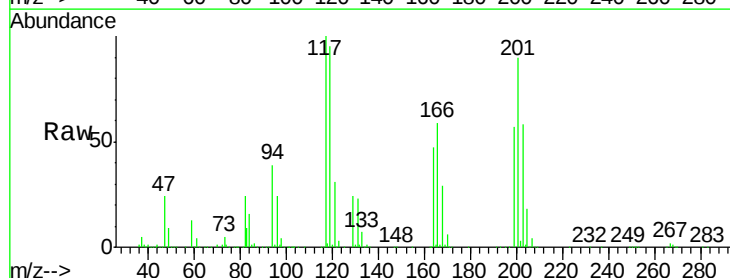
Acq: 29 Jun 2018 15:35

Tgt Ion: 117 Resp: 434049

Ion Ratio Lower Upper

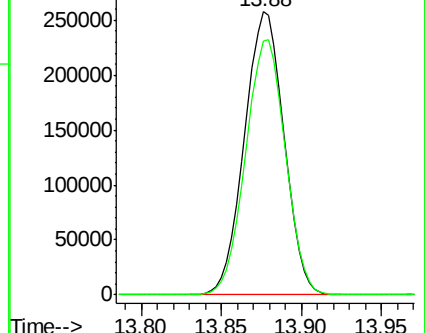
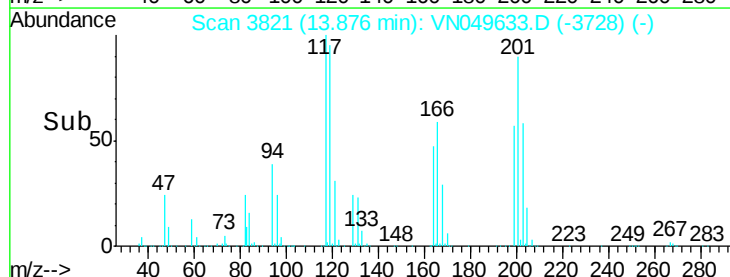
117 100

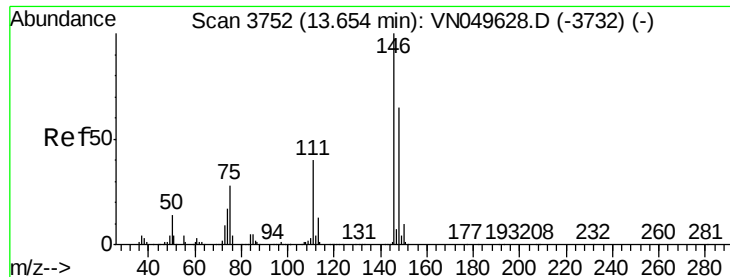
201 90.9 45.3 135.8



Abundance Ion 116.80 (116.50 to 117.50): VN049633.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN049633.D (-3728) (-)

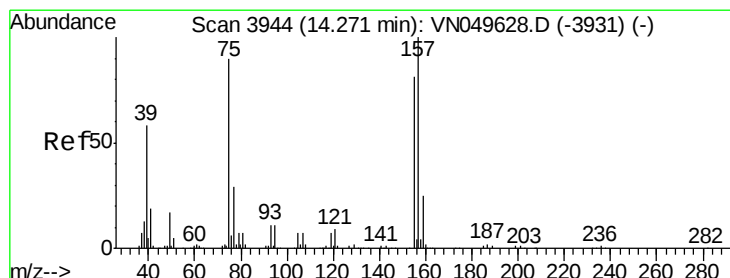
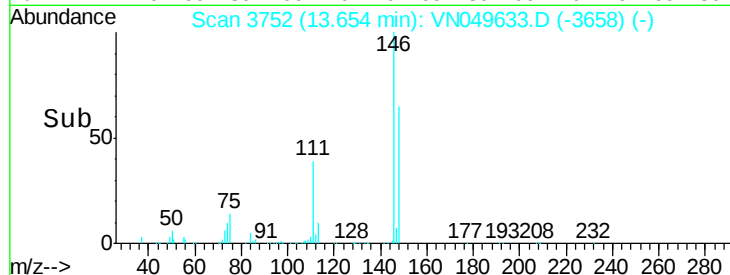
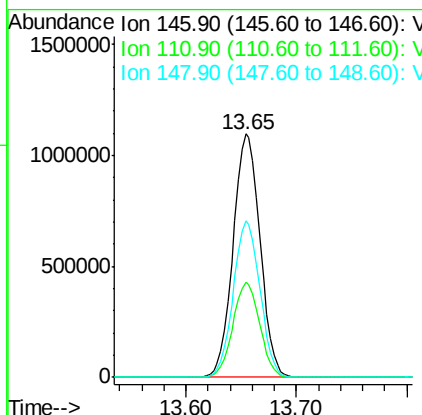
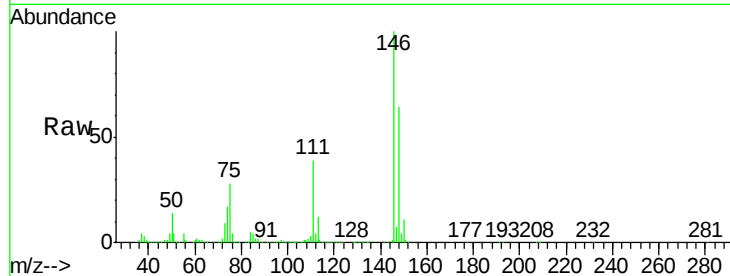




#91
 1,2-Dichlorobenzene
 Concen: 47.384 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

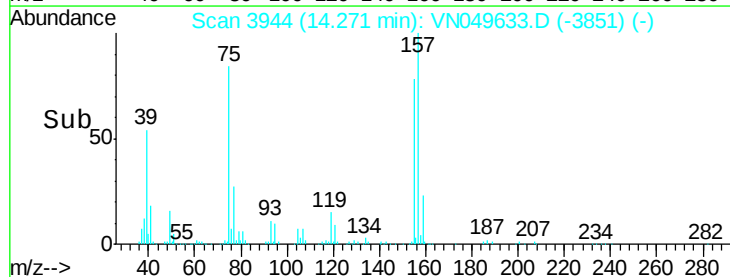
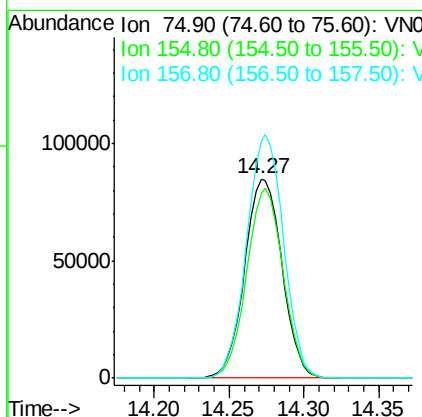
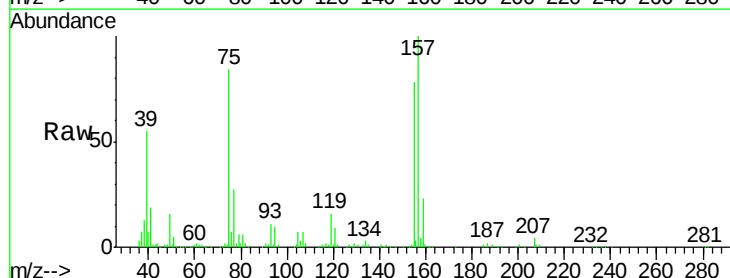
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN062918

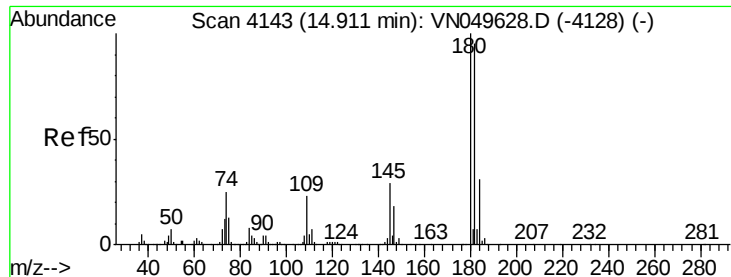
Tgt Ion:146 Resp: 1852745
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.1
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.023 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 75 Resp: 147964
 Ion Ratio Lower Upper
 75 100
 155 92.8 45.7 137.1
 157 120.6 56.9 170.7

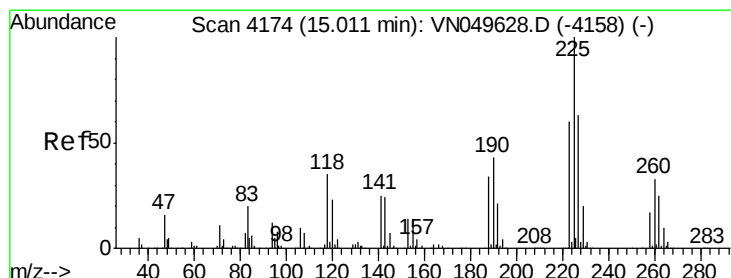
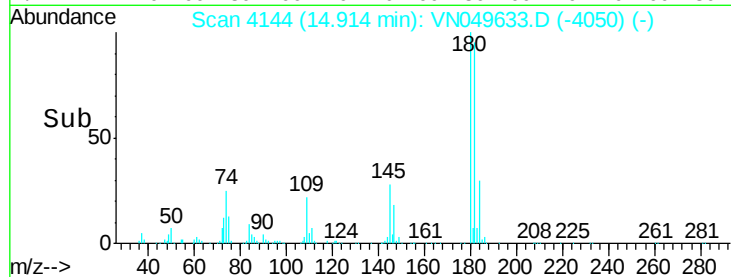
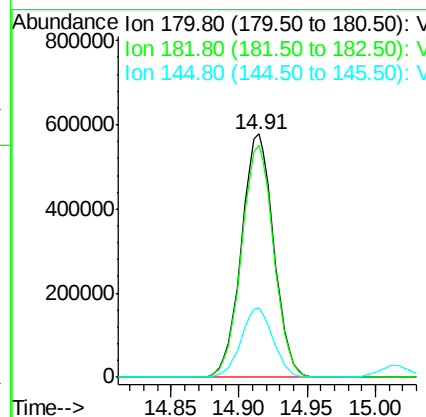
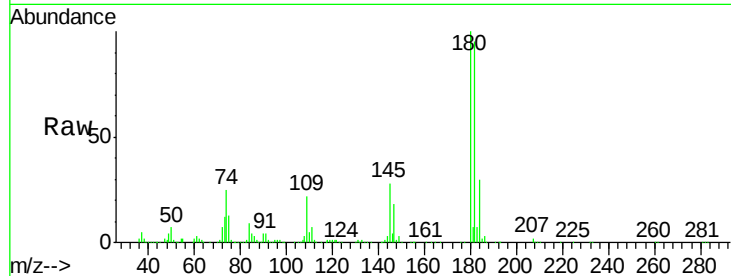




#93
 1,2,4-Trichlorobenzene
 Concen: 46.513 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

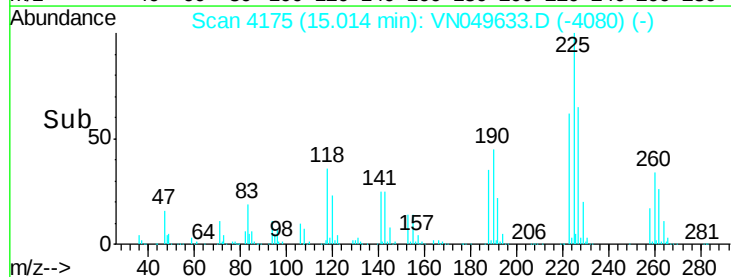
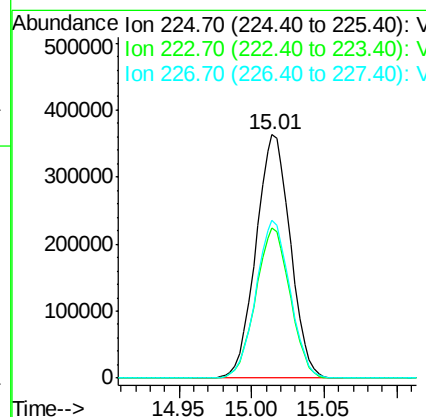
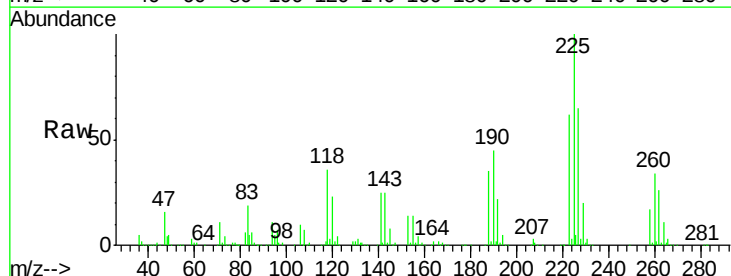
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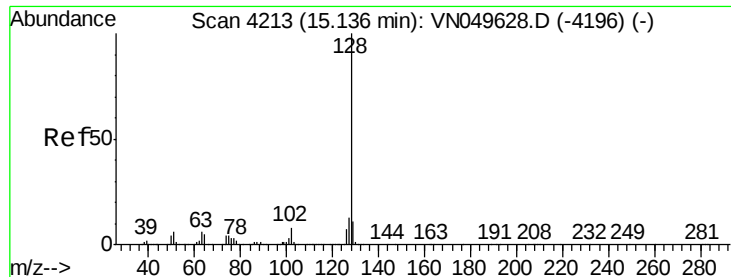
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	141.9
145	28.3	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 50.999 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.9	92.7
227	64.3	31.8	95.4

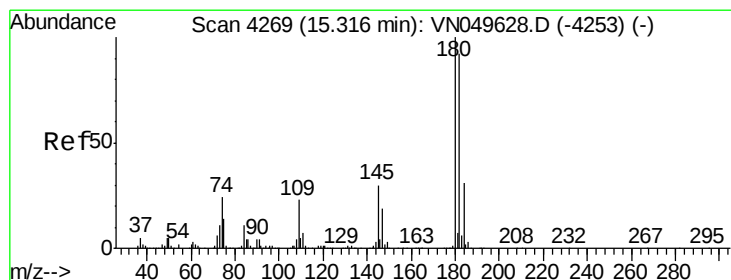
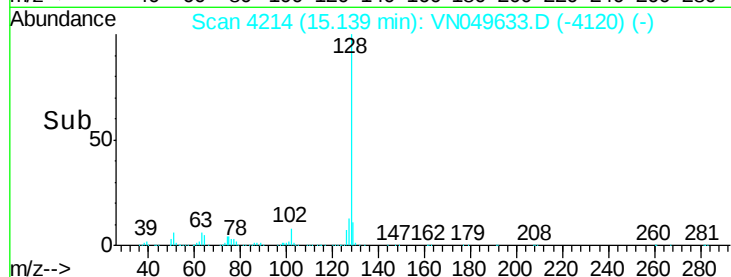
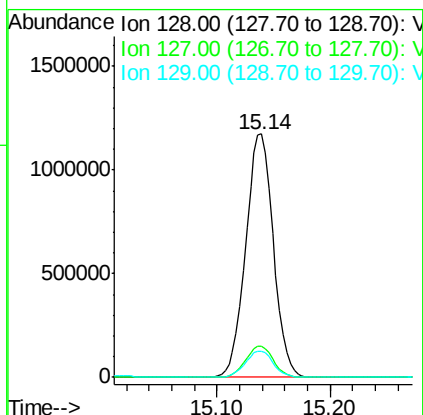
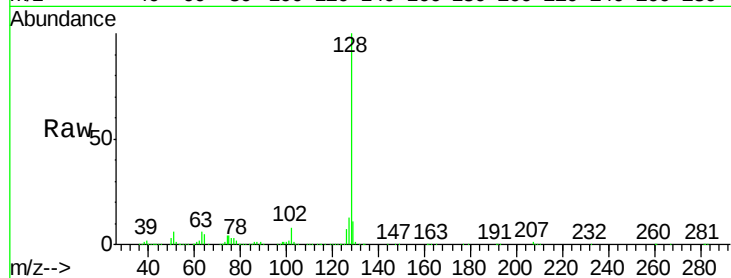




#95
Naphthalene
Concen: 44.798 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062918

Tgt Ion:128 Resp: 1996252
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.605 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion:180 Resp: 901719
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 30.5 15.2 45.6

