

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056350.D
 Acq On : 18 Jun 2019 8:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:56:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	367884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	550163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	495118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223441	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	199001	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	7.59	113	174040	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	10.09	98	672039	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	231204	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	164237	50.778	ug/l	99
3) Chloromethane	2.06	50	206481	47.611	ug/l	100
4) Vinyl Chloride	2.18	62	203047	47.639	ug/l	100
5) Bromomethane	2.53	94	118187	47.671	ug/l	99
6) Chloroethane	2.68	64	120032	48.623	ug/l	98
7) Trichlorofluoromethane	3.00	101	260934	47.937	ug/l	99
8) Diethyl Ether	3.40	74	105556	48.891	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	170567	48.449	ug/l	99
10) Methyl Iodide	3.94	142	230882	51.246	ug/l	100
11) Tert butyl alcohol	4.81	59	153227	235.407	ug/l	100
12) 1,1-Dichloroethene	3.72	96	161778	47.386	ug/l	99
13) Acrolein	3.60	56	39342	211.686	ug/l	97
14) Allyl chloride	4.31	41	271633	47.442	ug/l	99
15) Acrylonitrile	4.99	53	441693	237.432	ug/l	99
16) Acetone	3.82	43	507610	222.082	ug/l	99
17) Carbon Disulfide	4.04	76	394421	43.176	ug/l	100
18) Methyl Acetate	4.32	43	181037	45.270	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	510514	49.032	ug/l	99
20) Methylene Chloride	4.54	84	189019	46.833	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	174456	48.040	ug/l	99
22) Diisopropyl ether	5.95	45	550285	48.892	ug/l	99
23) Vinyl Acetate	5.89	43	2285574	249.597	ug/l	99
24) 1,1-Dichloroethane	5.84	63	319115	48.361	ug/l	99
25) 2-Butanone	6.84	43	658395	237.650	ug/l	99
26) 2,2-Dichloropropane	6.82	77	223993	46.942	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	202008	48.028	ug/l	99
28) Bromochloromethane	7.19	49	163001	49.328	ug/l	99
29) Tetrahydrofuran	7.21	42	388714	236.208	ug/l	99
30) Chloroform	7.37	83	314139	47.791	ug/l	99
31) Cyclohexane	7.65	56	306757	48.115	ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	257779	47.344	ug/l	99
36) 1,1-Dichloropropene	7.79	75	244299	49.345	ug/l	99
37) Ethyl Acetate	6.93	43	235016	50.091	ug/l	100
38) Carbon Tetrachloride	7.77	117	217958	45.868	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	310196	51.367	ug/l	99
40) Benzene	8.04	78	744592	49.579	ug/l	99
41) Methacrylonitrile	7.21	41	342798	159.116	ug/l #	18
42) 1,2-Dichloroethane	8.12	62	243824	49.506	ug/l	100
43) Isopropyl Acetate	8.17	43	356695	47.526	ug/l	99
44) Trichloroethene	8.83	130	204645	50.107	ug/l	99
45) 1,2-Dichloropropane	9.12	63	198038	49.895	ug/l	99
46) Dibromomethane	9.21	93	125678	47.649	ug/l	99
47) Bromodichloromethane	9.40	83	234695	46.575	ug/l	99
48) Methyl methacrylate	9.20	41	174551	46.097	ug/l	96
49) 1,4-Dioxane	9.20	88	76453	1000.883	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1158971	242.293	ug/l	100
52) Toluene	10.15	92	458652	50.035	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	243403	48.646	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	285197	49.417	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	184414	48.951	ug/l	99
56) Ethyl methacrylate	10.43	69	273012	50.391	ug/l	100
57) 1,3-Dichloropropane	10.71	76	309039	48.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	512632	252.920	ug/l	99
59) 2-Hexanone	10.75	43	877957	247.483	ug/l	100
60) Dibromochloromethane	10.90	129	183663	46.482	ug/l	99
61) 1,2-Dibromoethane	11.00	107	189053	48.819	ug/l	99
64) Tetrachloroethene	10.63	164	199444	49.121	ug/l	99
65) Chlorobenzene	11.43	112	492955	49.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	176612	47.063	ug/l	99
67) Ethyl Benzene	11.51	91	874738	50.555	ug/l	99
68) m/p-Xylenes	11.62	106	665230	103.298	ug/l	99
69) o-Xylene	11.95	106	325256	51.237	ug/l	98
70) Styrene	11.96	104	541503	52.835	ug/l	99
71) Bromoform	12.12	173	128609	44.099	ug/l #	100
73) Isopropylbenzene	12.25	105	856418	51.815	ug/l	100
74) N-amyl acetate	12.07	43	309798	44.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	256277	49.348	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	303730	63.623	ug/l #	100
77) Bromobenzene	12.53	156	222944	50.314	ug/l	99
78) n-propylbenzene	12.59	91	955126	47.621	ug/l	100
79) 2-Chlorotoluene	12.67	91	570507	51.738	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	714394	45.828	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	63463	41.302	ug/l	93
82) 4-Chlorotoluene	12.77	91	560712	47.626	ug/l	100
83) tert-Butylbenzene	12.99	119	622655	52.003	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	698152	48.095	ug/l	100
85) sec-Butylbenzene	13.17	105	829482	47.154	ug/l	100
86) p-Isopropyltoluene	13.29	119	747346	49.632	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	374800	49.282	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	361875	49.519	ug/l	100
89) n-Butylbenzene	13.61	91	593530	52.721	ug/l	99
90) Hexachloroethane	13.87	117	113566	44.354	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	367853	49.395	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40118	41.553	ug/l	98

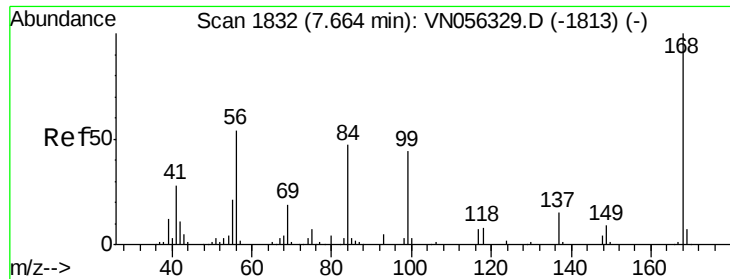
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	166909	43.827	ug/l	99
94) Hexachlorobutadiene	15.01	225	138182	54.320	ug/l	99
95) Naphthalene	15.13	128	427002	42.540	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	179466	44.704	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

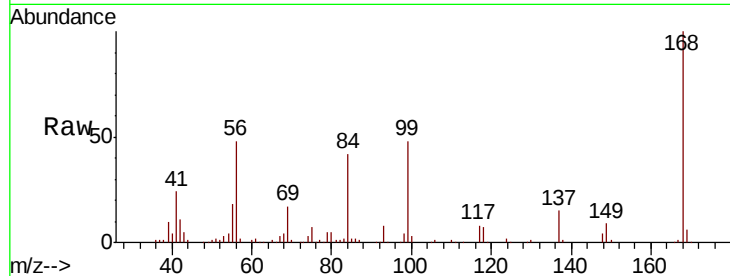
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 367884

Ion Ratio Lower Upper

168 100

99 47.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN056329.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056329.D (-1813) (-)

7.66

150000

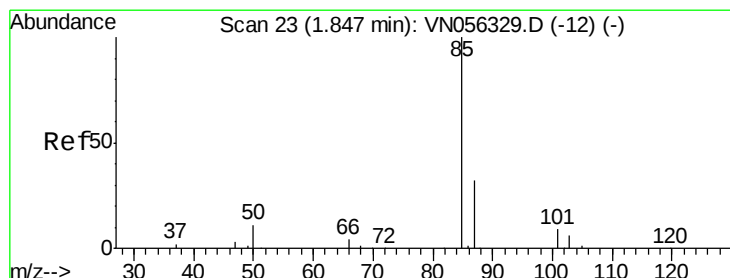
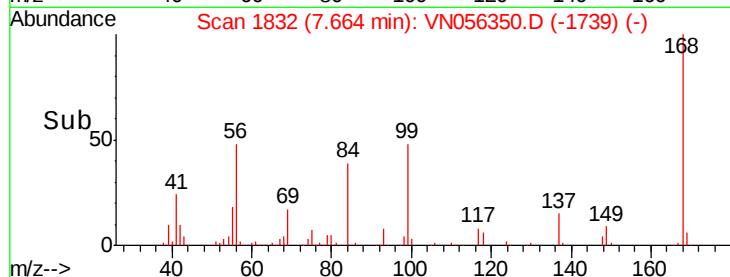
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.778 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056350.D

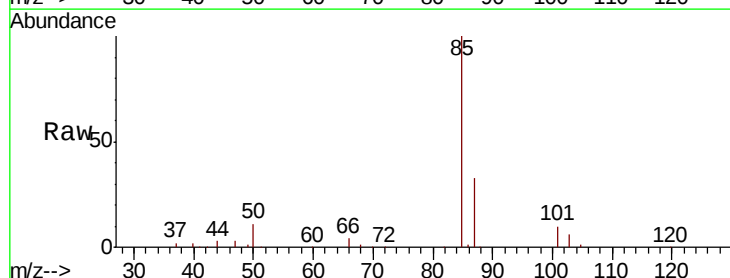
Acq: 18 Jun 2019 8:50

Tgt Ion: 85 Resp: 164237

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056329.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN056329.D (-12) (-)

1.85

120000

100000

80000

60000

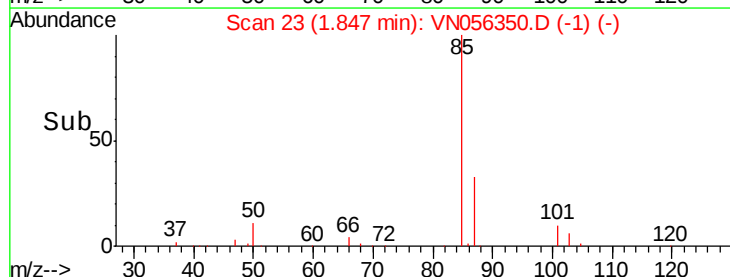
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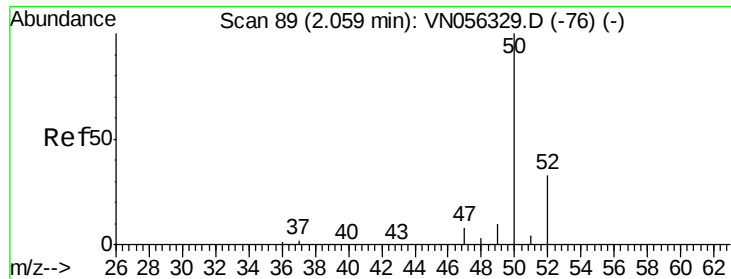
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.611 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

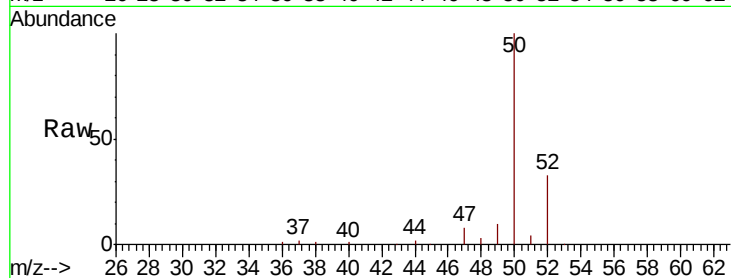
ClientSampled :

Tot Ion: 50 Resp: 206481

Ion Ratio Lower Upper

50 100

52 32.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

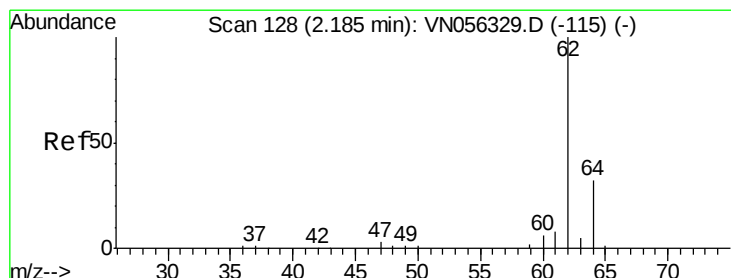
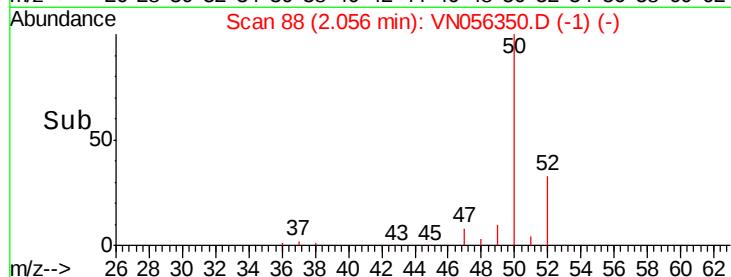
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.639 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056350.D

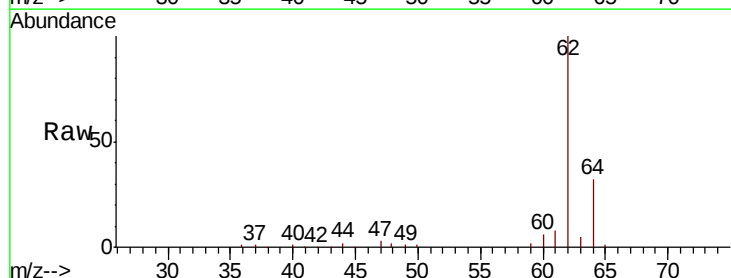
Acq: 18 Jun 2019 8:50

Tgt Ion: 62 Resp: 203047

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

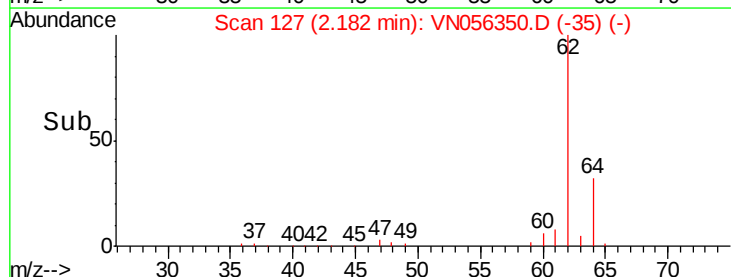
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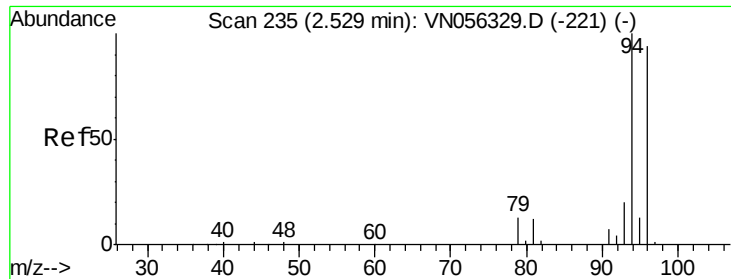
100000

50000

0

Time-->

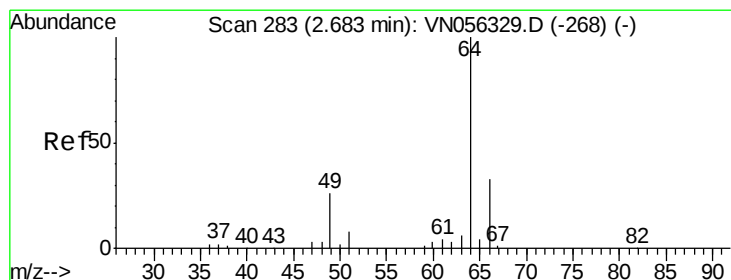
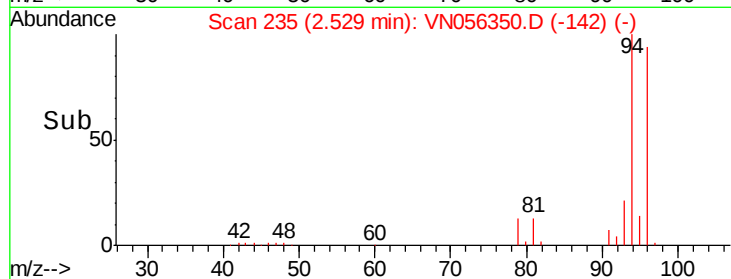
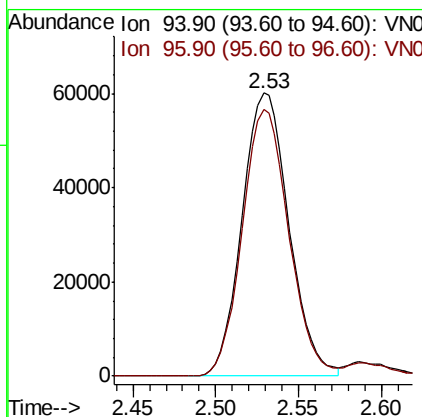
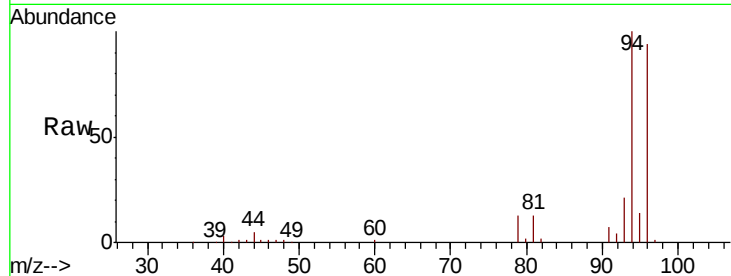




#5
Bromomethane
Concen: 47.671 ug/l
RT: 2.53 min Scan# 235
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

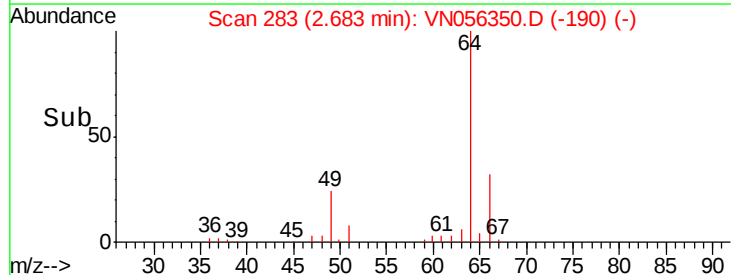
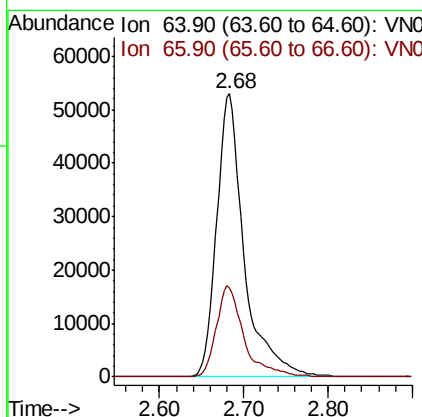
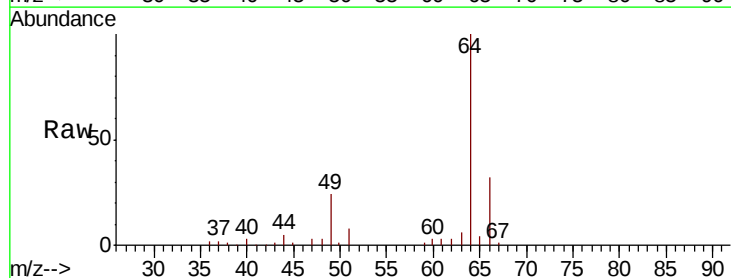
Instrument :
MSVOA_N
ClientSampleId :

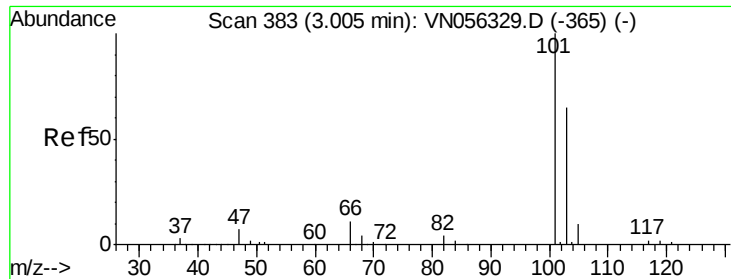
Tot Ion: 94 Resp: 118187
Ion Ratio Lower Upper
94 100
96 94.4 74.9 112.3



#6
Chloroethane
Concen: 48.623 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 64 Resp: 120032
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5



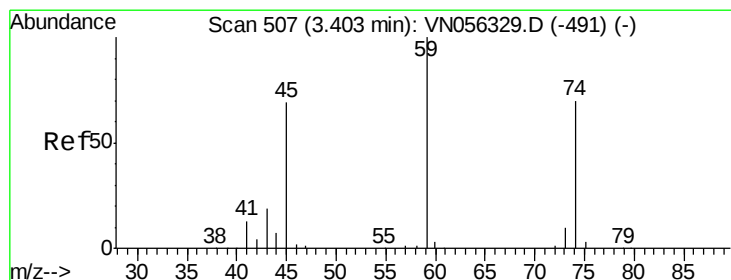
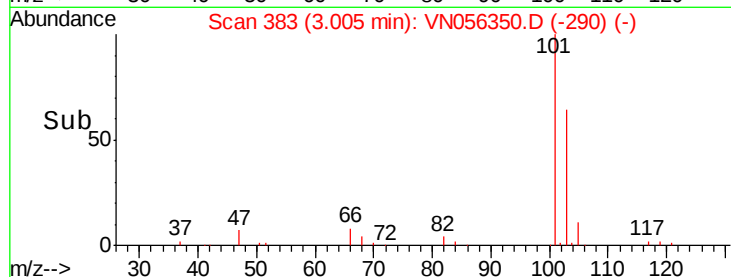
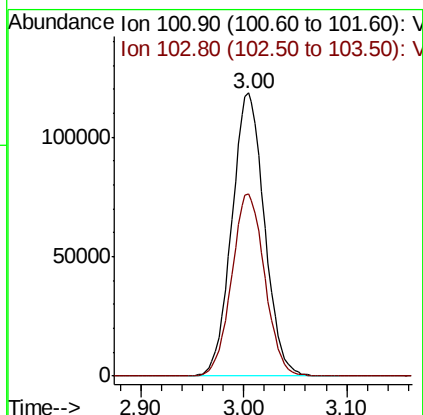
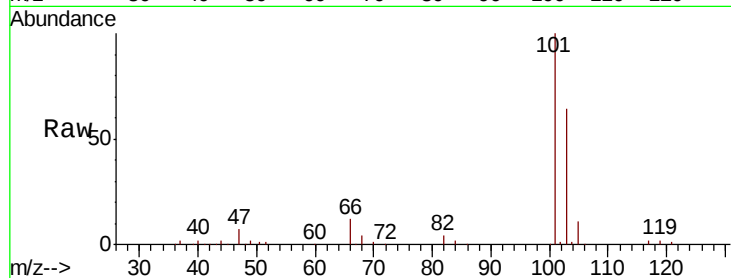


#7

Trichlorofluoromethane
Concen: 47.937 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Instrument :
MSVOA_N
ClientSampleId :

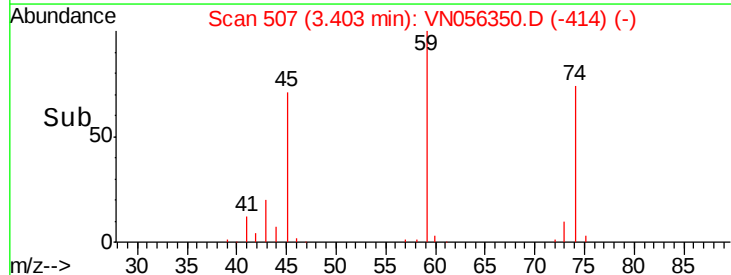
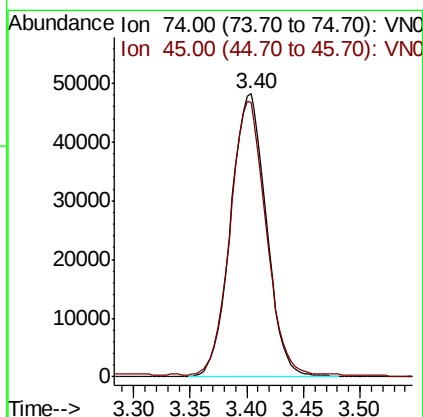
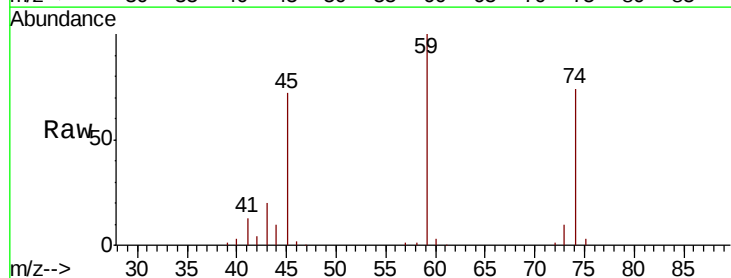
Tot Ion:101 Resp: 260934
Ion Ratio Lower Upper
101 100
103 64.3 52.1 78.1

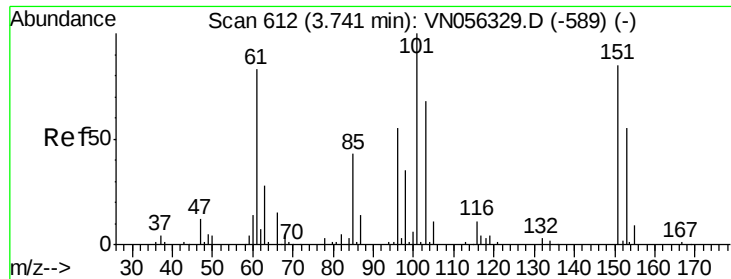


#8

Diethyl Ether
Concen: 48.891 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 74 Resp: 105556
Ion Ratio Lower Upper
74 100
45 97.0 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.449 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

ClientSampleId :

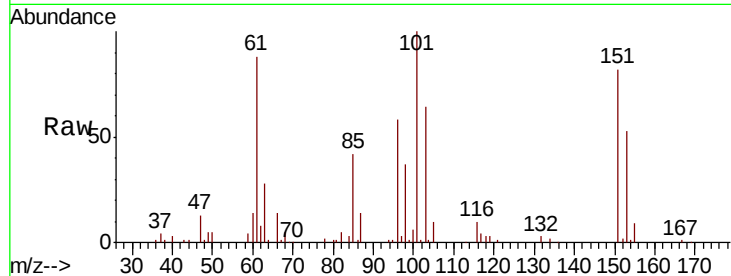
Tot Ion:101 Resp: 170567

Ion Ratio Lower Upper

101 100

85 41.4 33.8 50.8

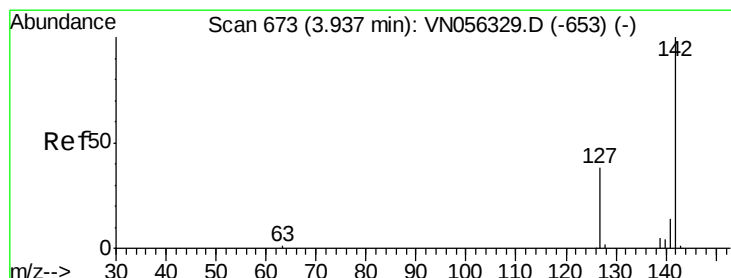
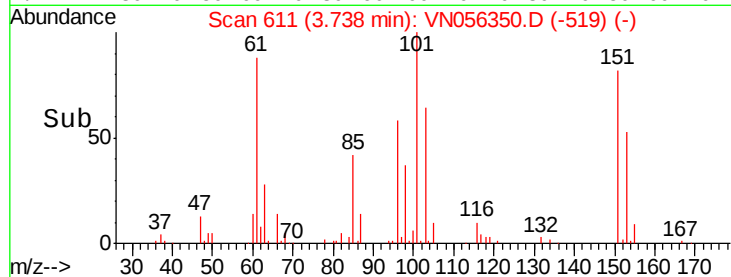
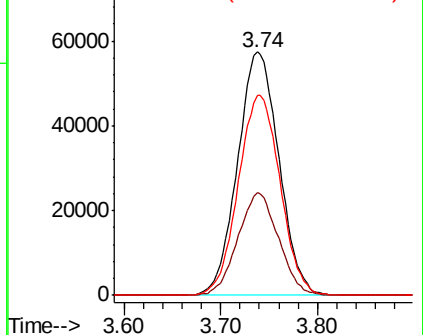
151 83.2 67.4 101.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.246 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

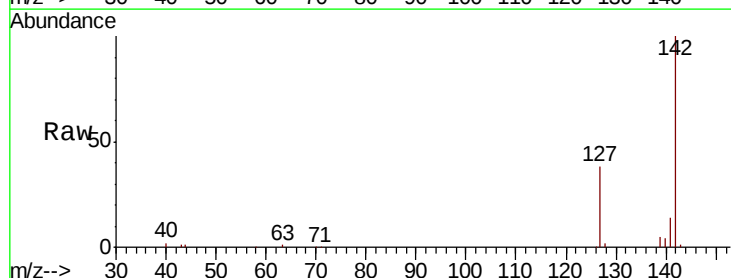
Tgt Ion:142 Resp: 230882

Ion Ratio Lower Upper

142 100

127 38.6 30.8 46.2

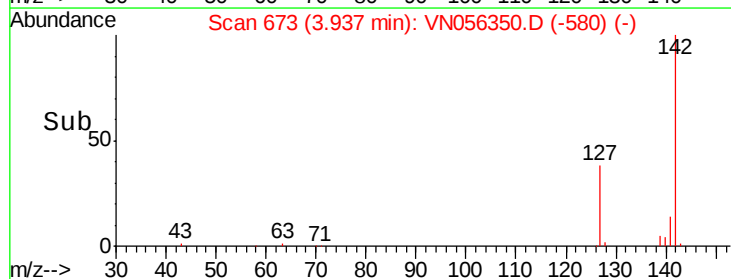
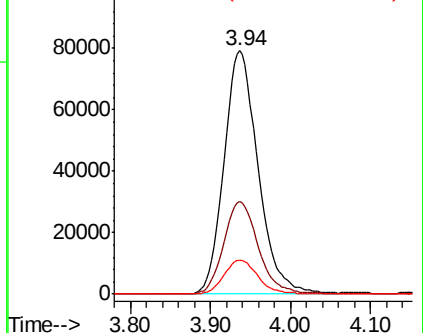
141 13.9 11.4 17.2

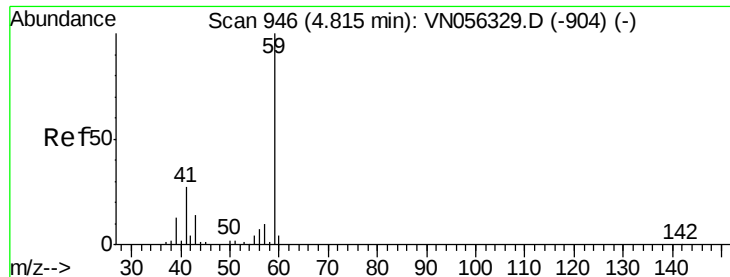


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

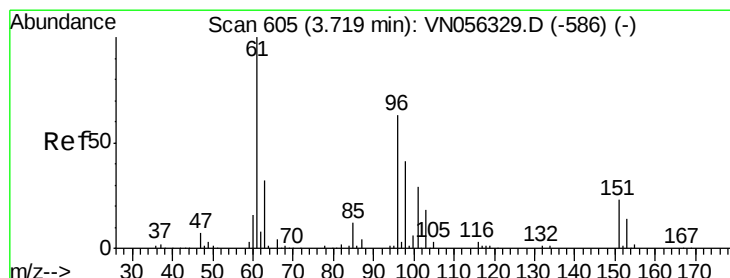
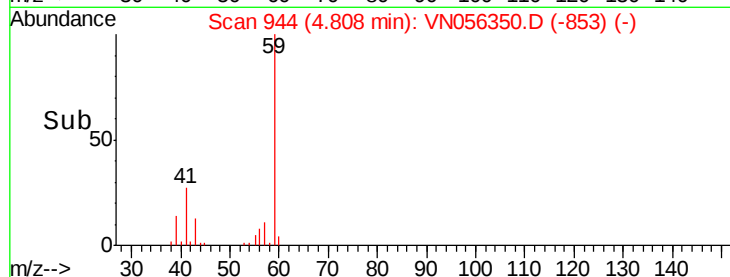
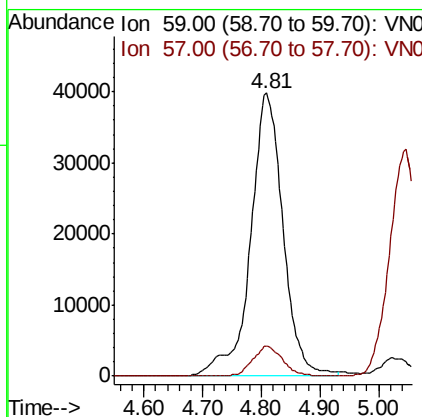
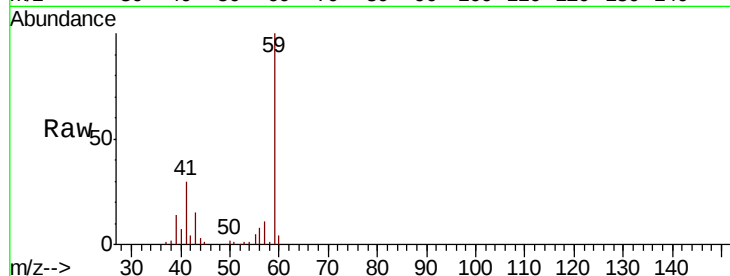




#11
Tert butyl alcohol
Concen: 235.407 ug/l
RT: 4.81 min Scan# 944
Delta R.T. -0.01 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

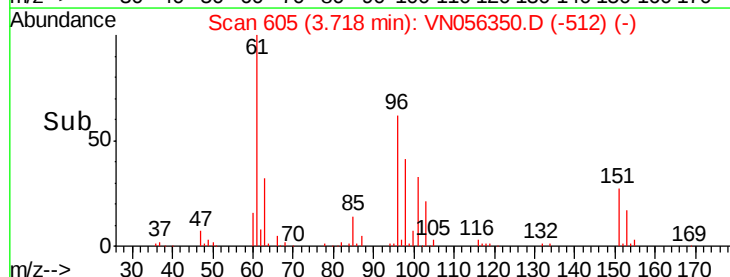
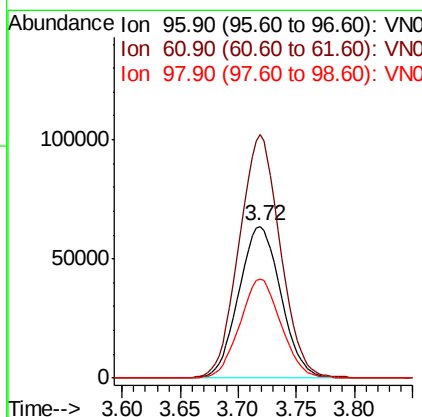
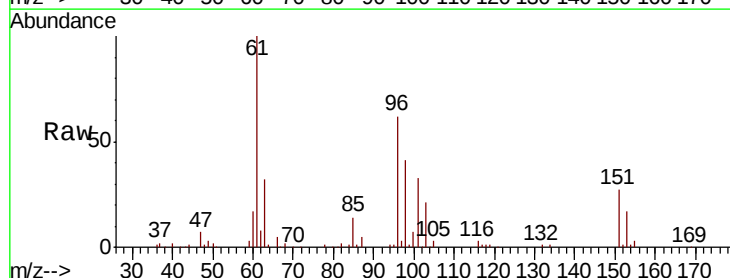
Instrument :
MSVOA_N
ClientSampled :

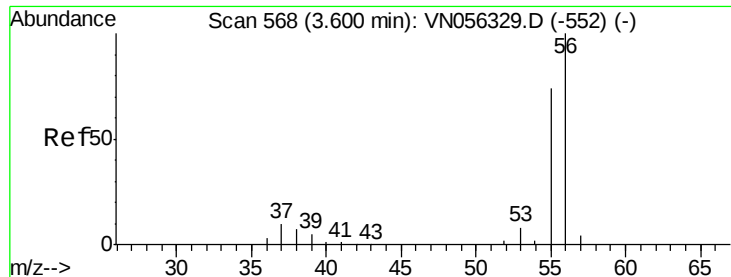
Tot Ion: 59 Resp: 153227
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.386 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 96 Resp: 161778
Ion Ratio Lower Upper
96 100
61 160.5 127.4 191.2
98 65.4 51.7 77.5





#13

Acrolein

Concen: 211.686 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

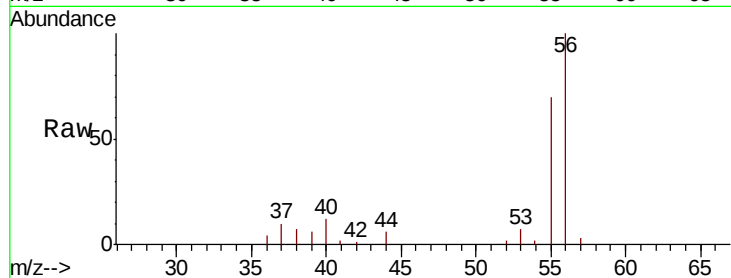
ClientSampleId :

Tot Ion: 56 Resp: 39342

Ion Ratio Lower Upper

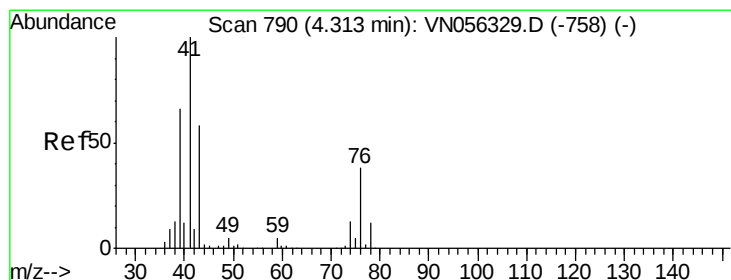
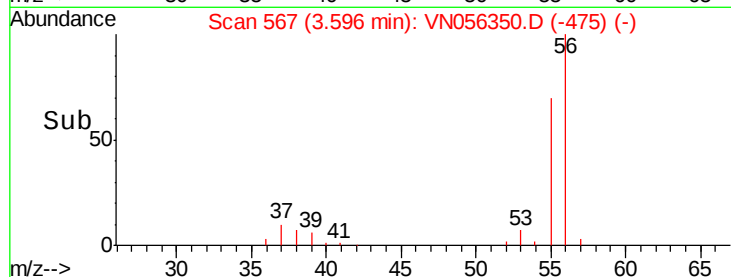
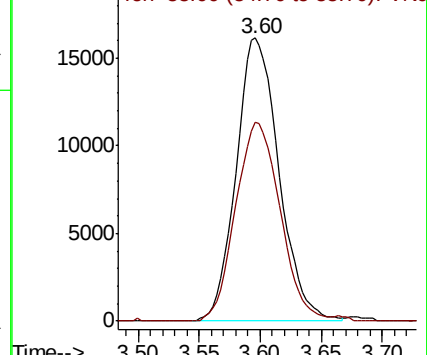
56 100

55 73.0 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.442 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

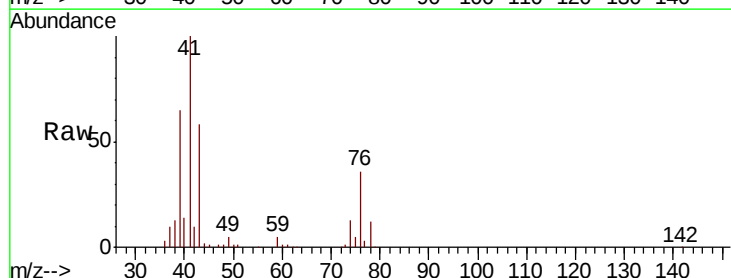
Tgt Ion: 41 Resp: 271633

Ion Ratio Lower Upper

41 100

39 61.6 48.9 73.3

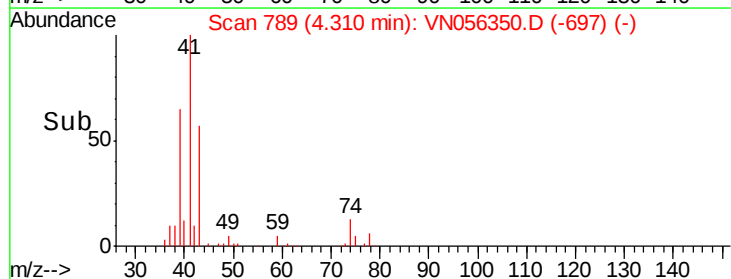
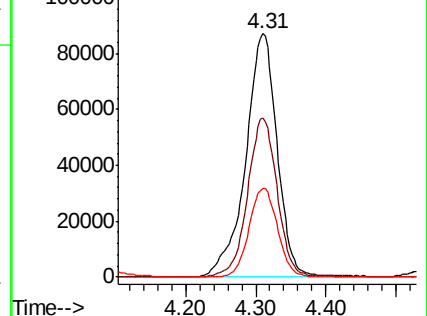
76 33.0 27.2 40.8

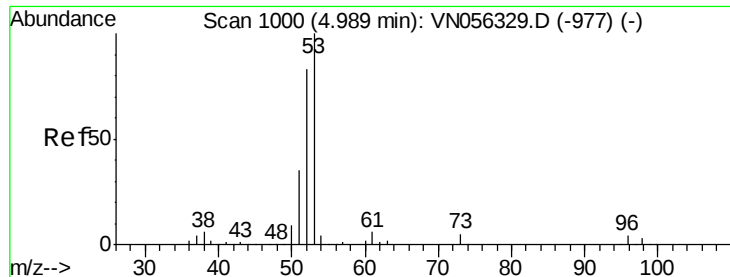


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 237.432 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

ClientSampleId :

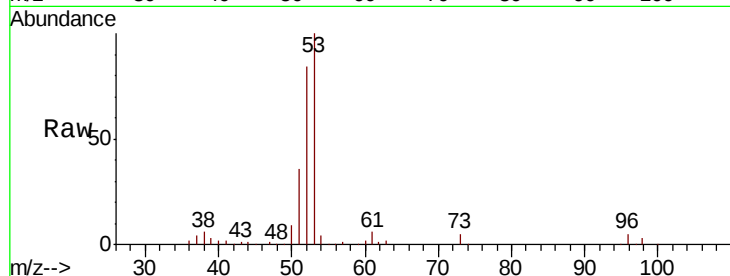
Tot Ion: 53 Resp: 441693

Ion Ratio Lower Upper

53 100

52 82.6 65.4 98.2

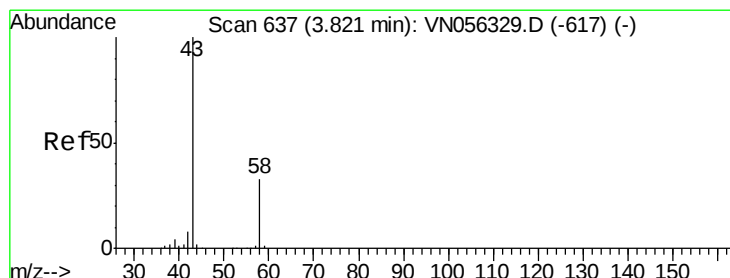
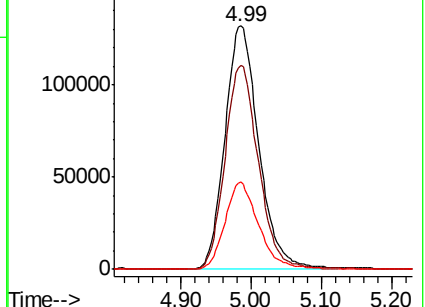
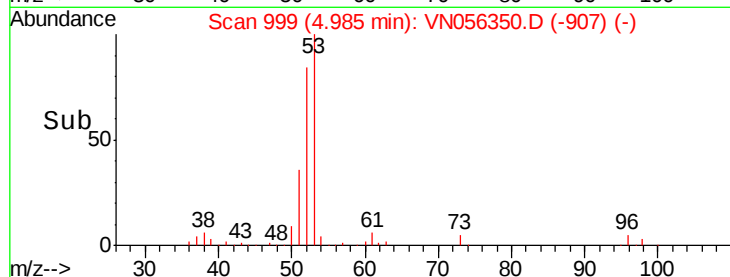
51 35.7 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN056350.D (-997) (-)

Ion 52.00 (51.70 to 52.70): VN056350.D (-997) (-)

Ion 51.00 (50.70 to 51.70): VN056350.D (-997) (-)



#16

Acetone

Concen: 222.082 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056350.D

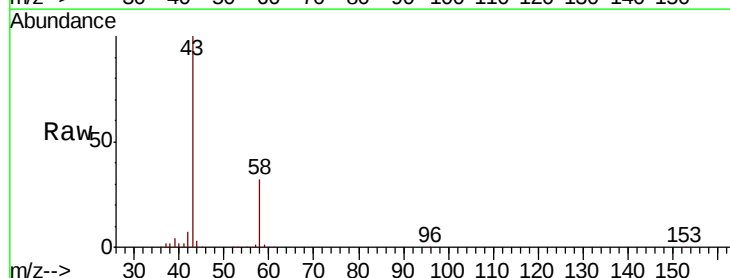
Acq: 18 Jun 2019 8:50

Tgt Ion: 43 Resp: 507610

Ion Ratio Lower Upper

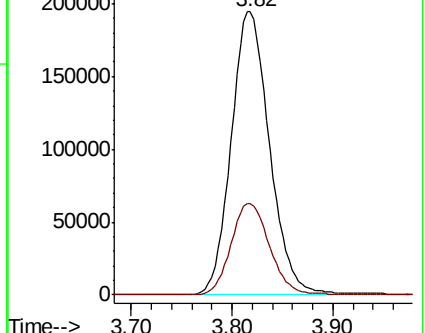
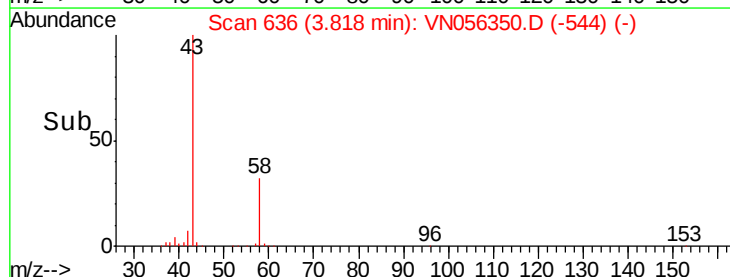
43 100

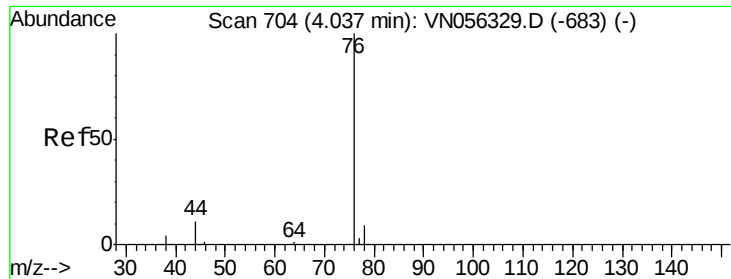
58 32.3 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN056350.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN056350.D (-544) (-)

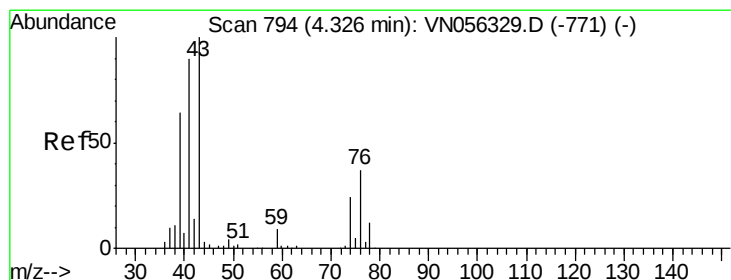
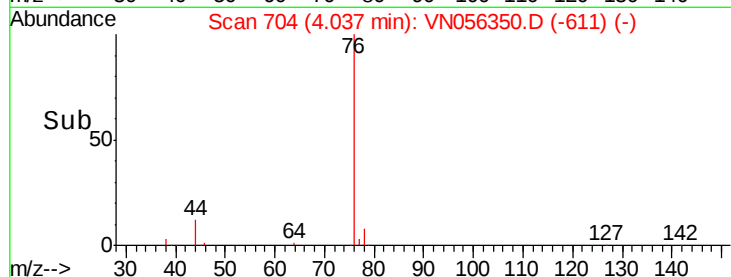
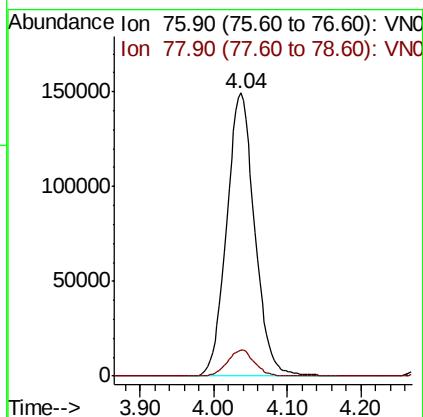
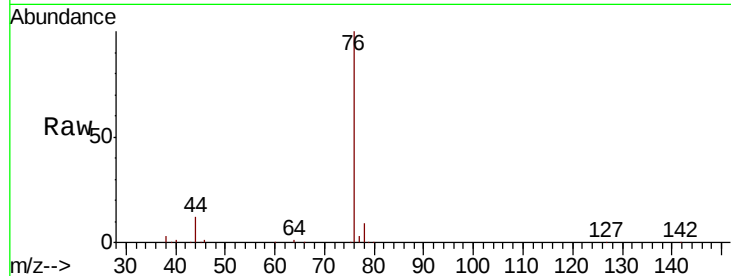




#17
Carbon Disulfide
Concen: 43.176 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

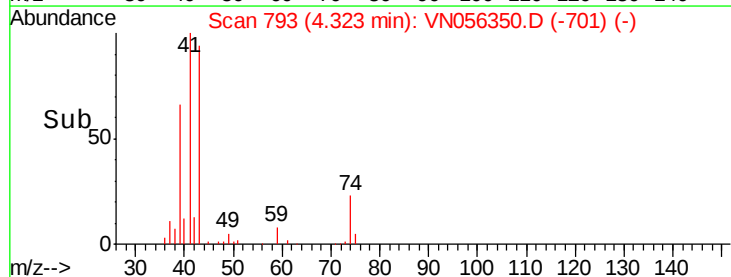
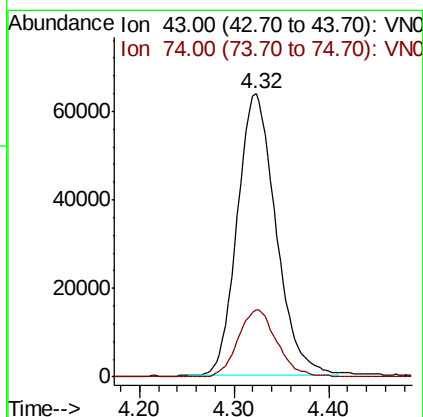
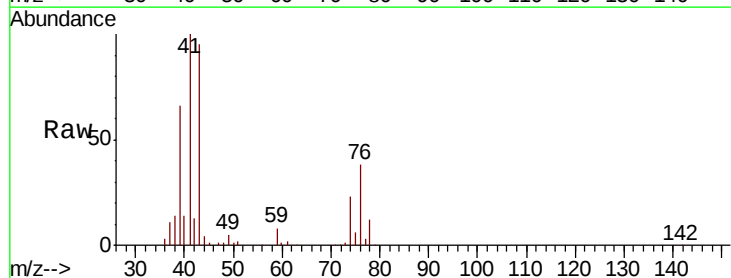
Instrument :
MSVOA_N
ClientSampled :

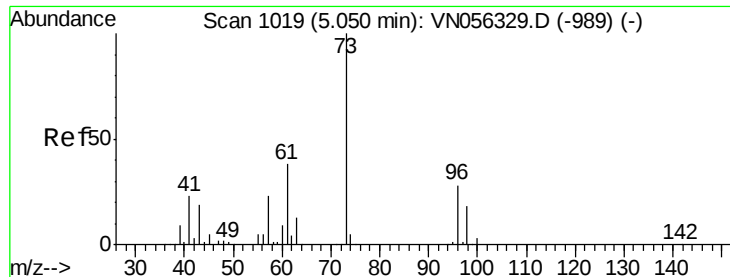
Tot Ion: 76 Resp: 394421
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 45.270 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 43 Resp: 181037
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2

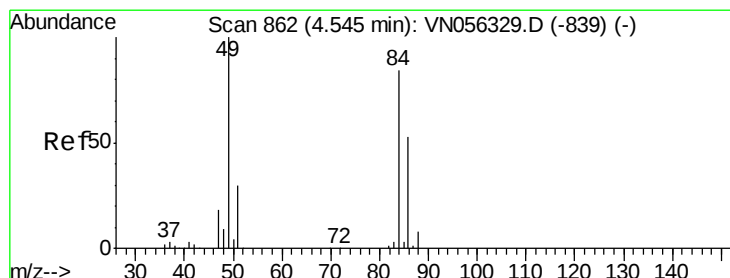
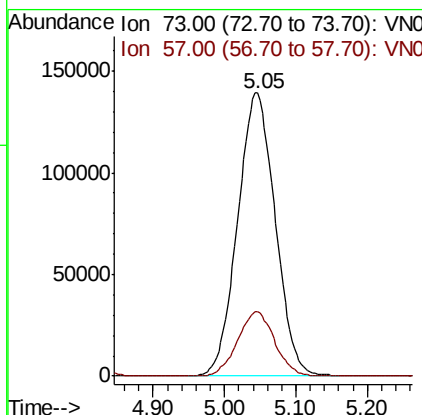
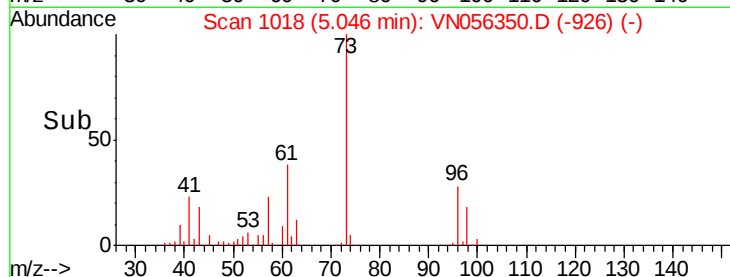
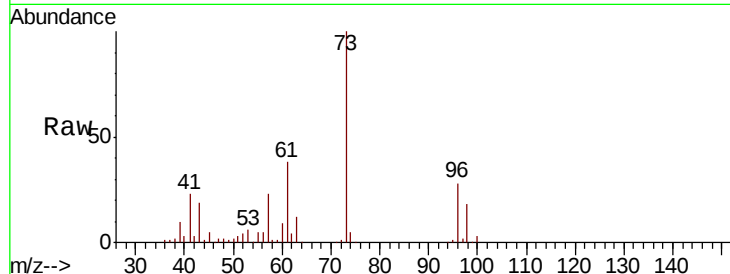




#19
Methvl tert-butvl Ether
Concen: 49.032 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

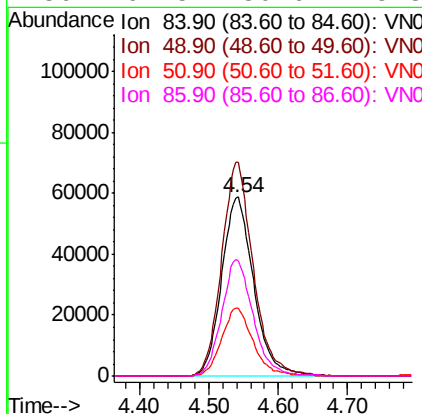
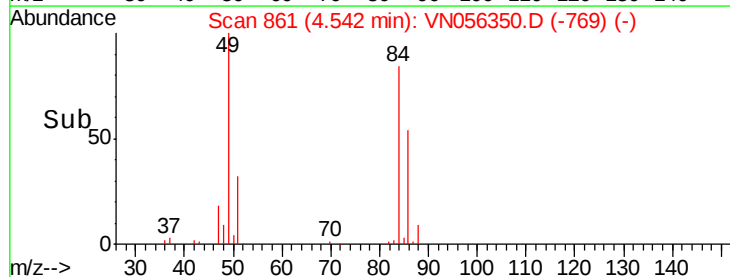
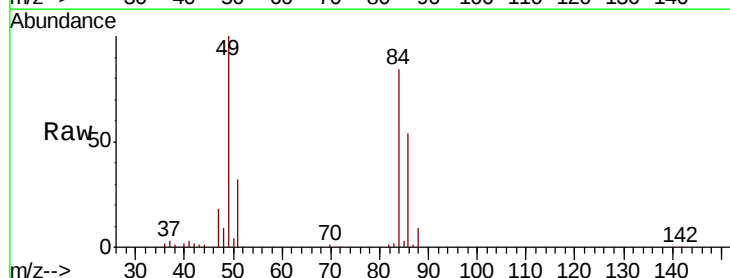
Instrument :
MSVOA_N
ClientSampled :

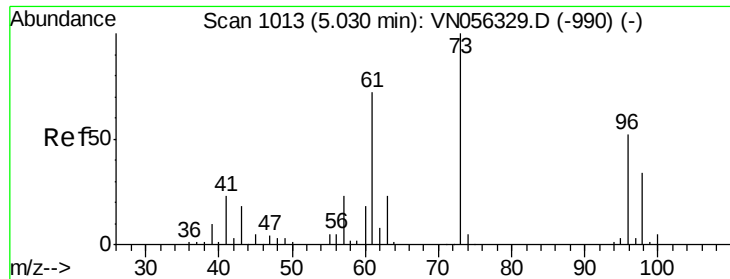
Tot Ion: 73 Resp: 510514
Ion Ratio Lower Upper
73 100
57 22.9 18.1 27.1



#20
Methylene Chloride
Concen: 46.833 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 84 Resp: 189019
Ion Ratio Lower Upper
84 100
49 119.4 95.0 142.6
51 37.8 28.2 42.4
86 64.5 50.6 75.8

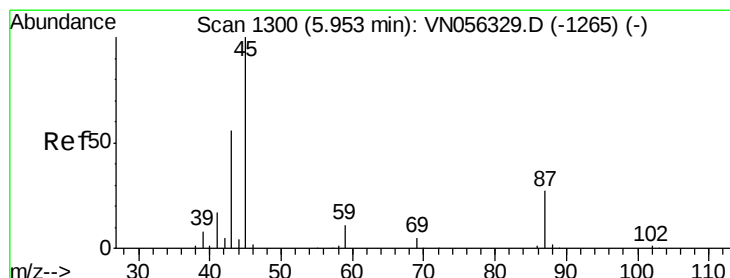
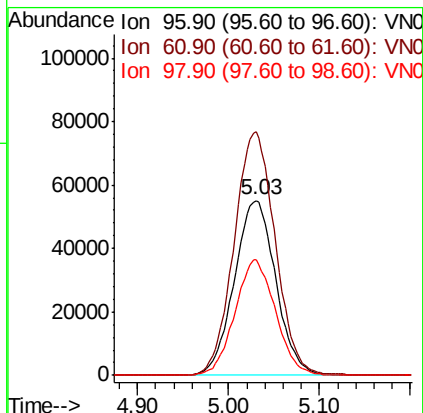
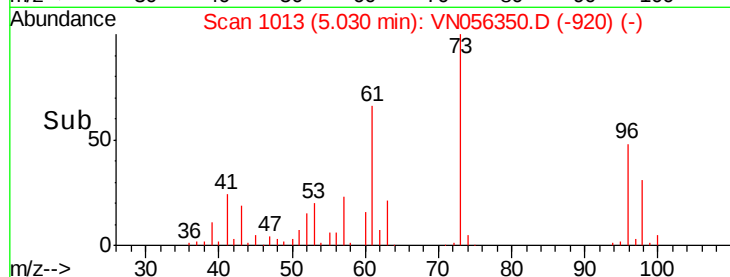
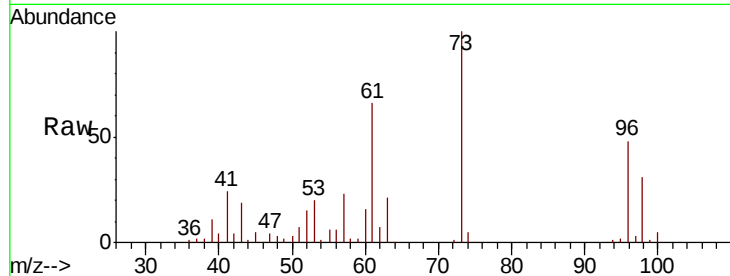




#21
trans-1,2-Dichloroethene
Concen: 48.040 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

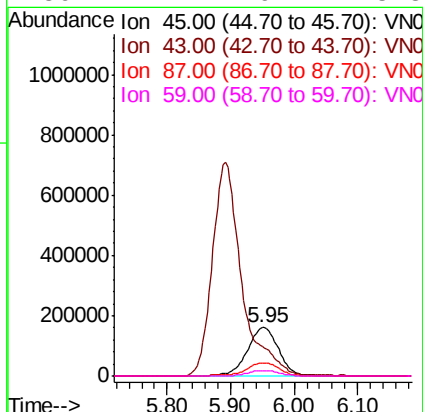
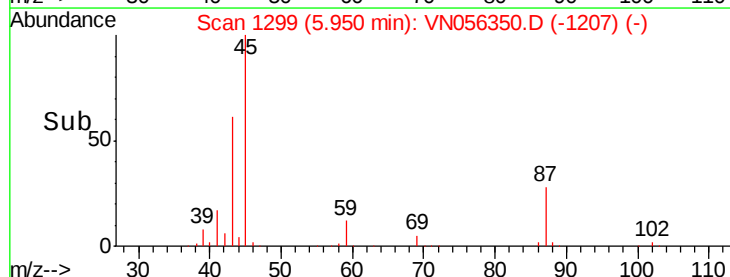
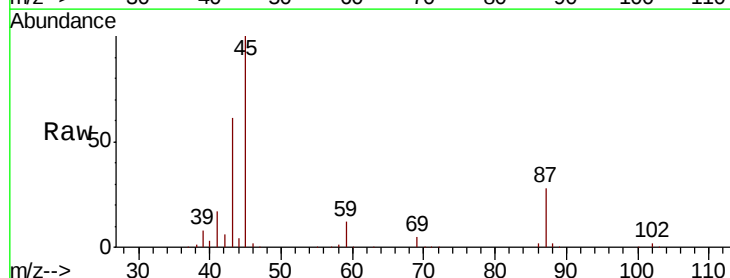
Instrument :
MSVOA_N
ClientSampled :

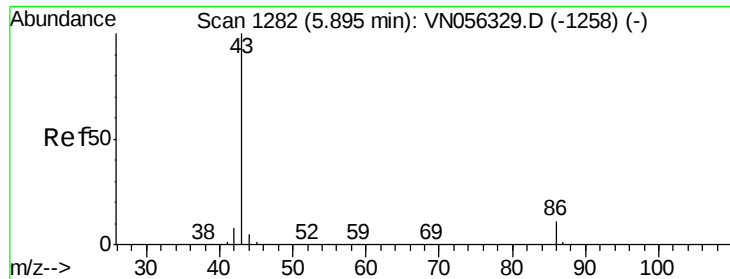
Tot Ion: 96 Resp: 174456
Ion Ratio Lower Upper
96 100
61 138.8 109.8 164.6
98 65.9 52.0 78.0



#22
Diisopropyl ether
Concen: 48.892 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 45 Resp: 550285
Ion Ratio Lower Upper
45 100
43 59.2 47.0 70.6
87 27.5 22.4 33.6
59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 249.597 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

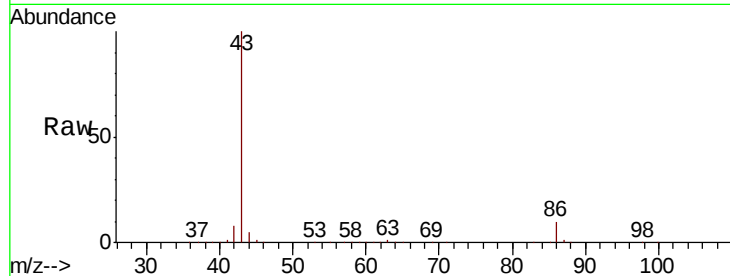
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2285574

Ion Ratio Lower Upper

43 100

86 10.3 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN056329.D (-1258) (-)

Ion 86.00 (85.70 to 86.70): VN056329.D (-1258) (-)

5.89

800000

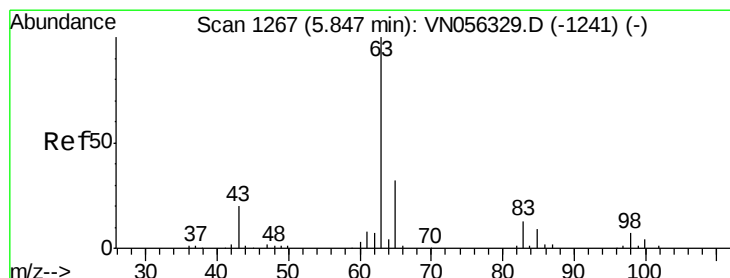
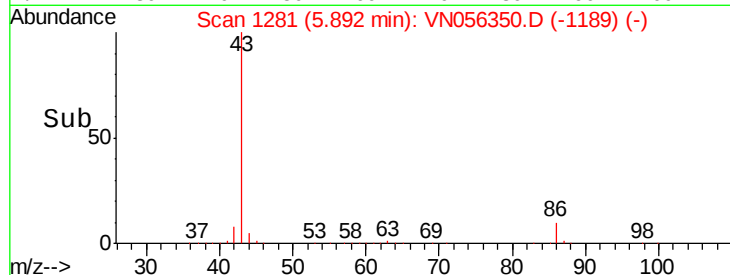
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.361 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

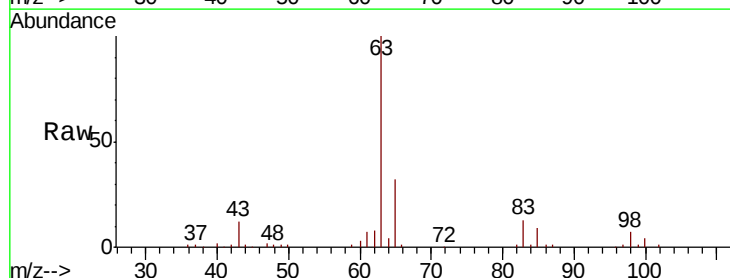
Tgt Ion: 63 Resp: 319115

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.2 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN056329.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN056329.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN056329.D (-1241) (-)

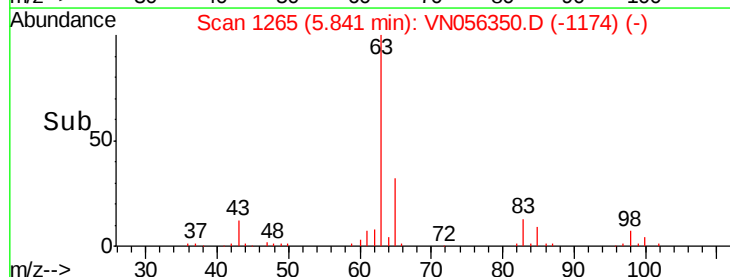
5.84

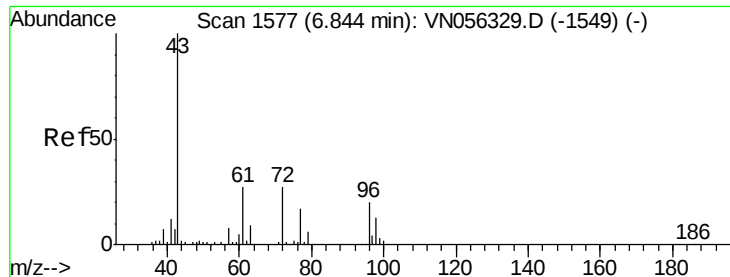
100000

50000

0

Time-->

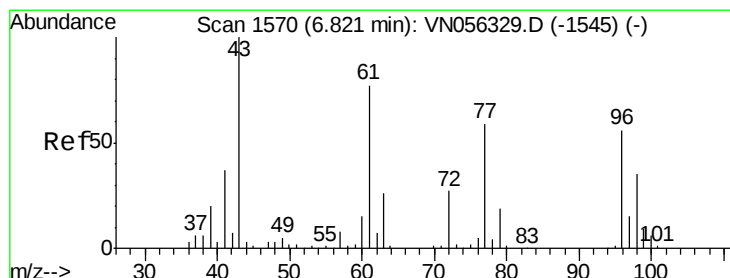
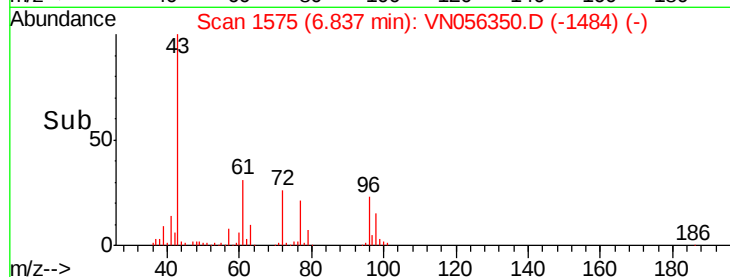
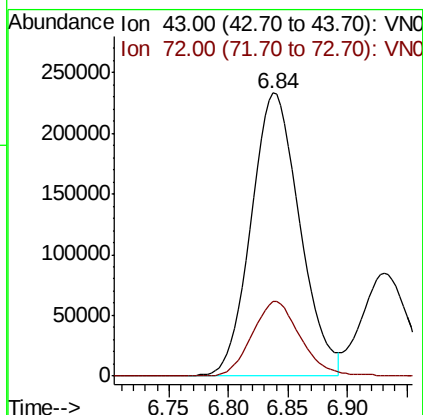
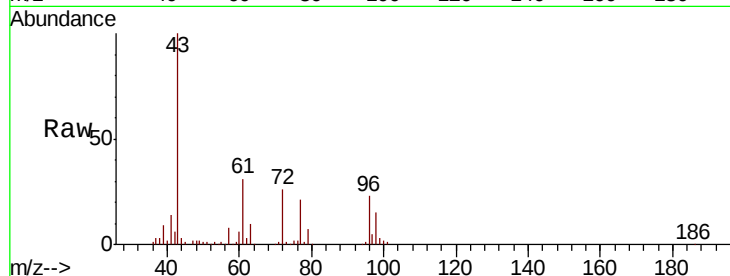




#25
2-Butanone
Concen: 237.650 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

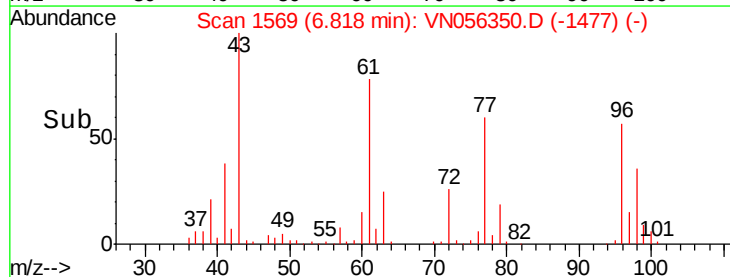
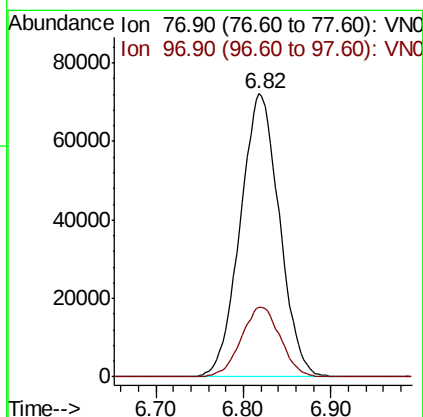
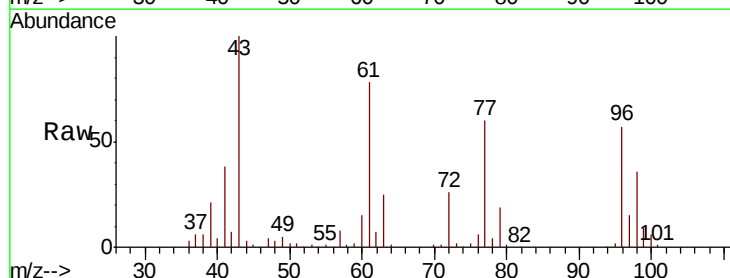
Instrument :
MSVOA_N
ClientSampled :

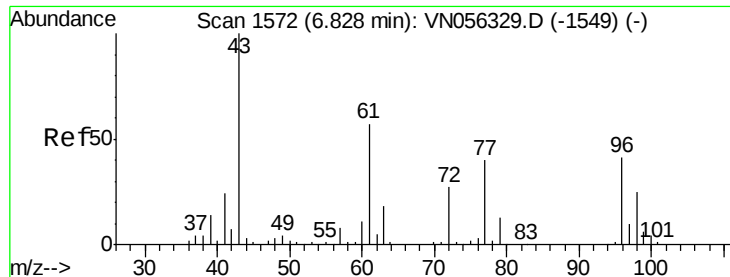
Tot Ion: 43 Resp: 658395
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 46.942 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 77 Resp: 223993
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 48.028 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :
MSVOA_N
ClientSampled :

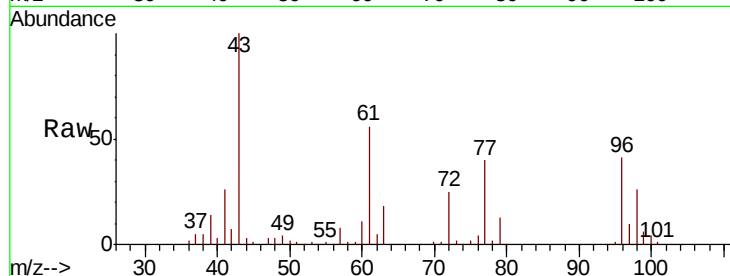
Tot Ion: 96 Resp: 202008

Ion Ratio Lower Upper

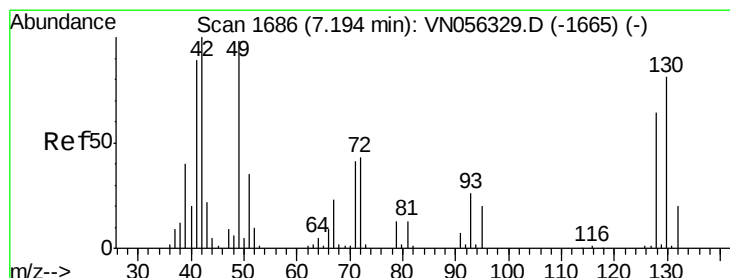
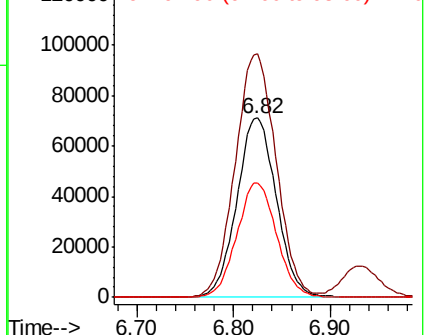
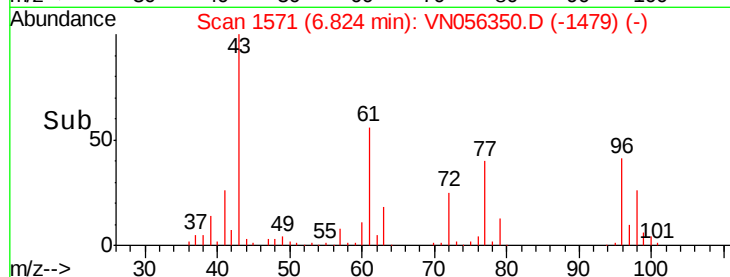
96 100

61 140.5 0.0 278.6

98 64.1 0.0 127.0



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



#28

Bromochloromethane

Concen: 49.328 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

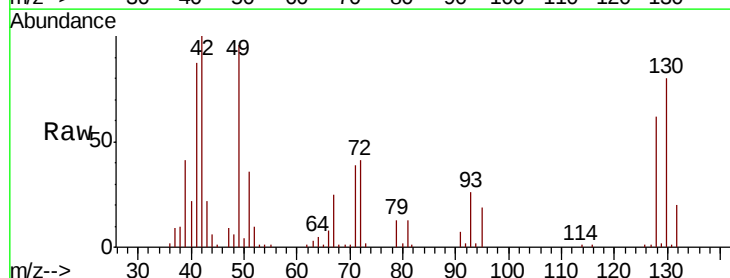
Tgt Ion: 49 Resp: 163001

Ion Ratio Lower Upper

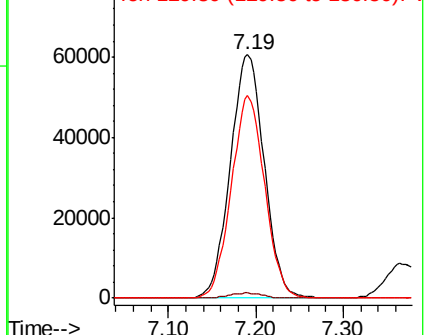
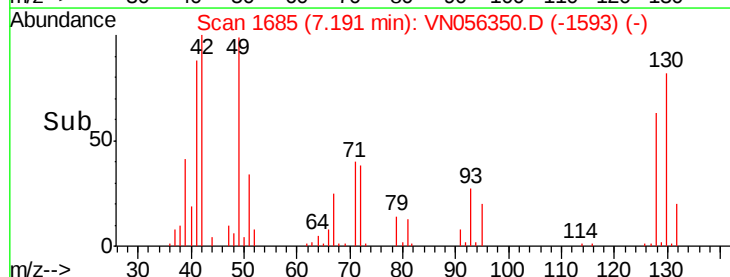
49 100

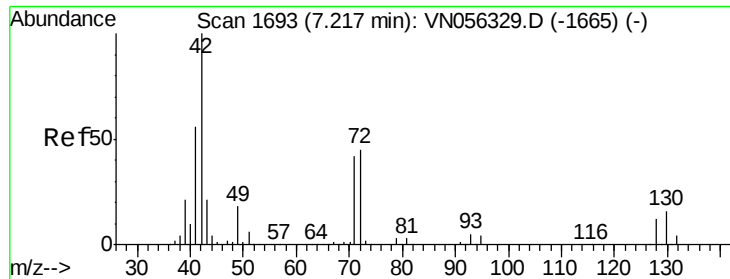
129 2.0 0.0 4.4

130 81.7 66.4 99.6



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

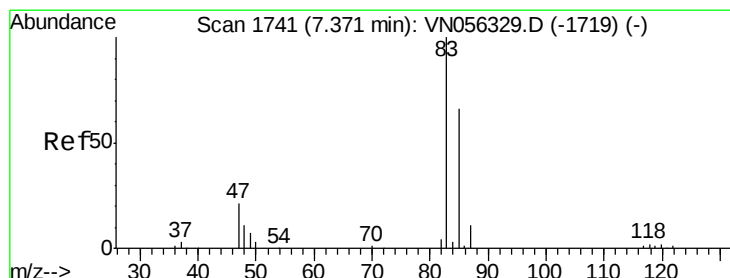
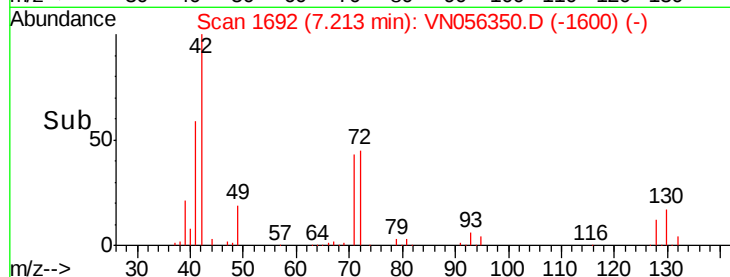
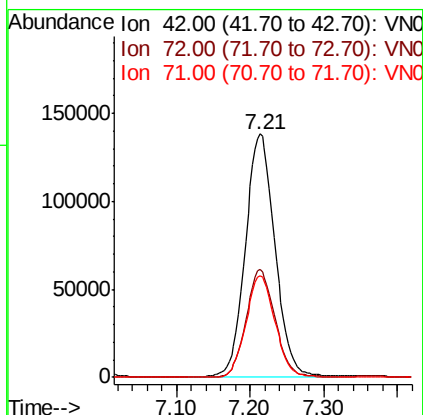
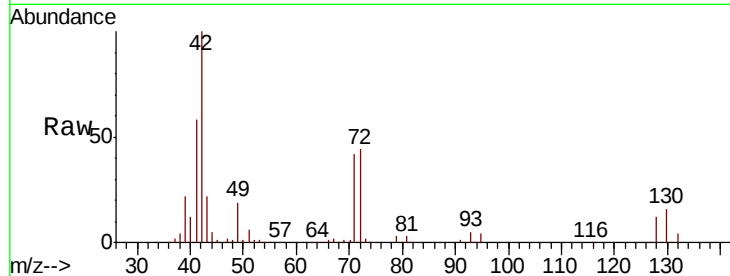




#29
Tetrahydrofuran
Concen: 236.208 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

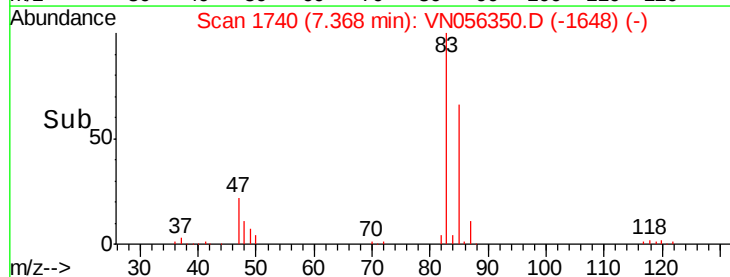
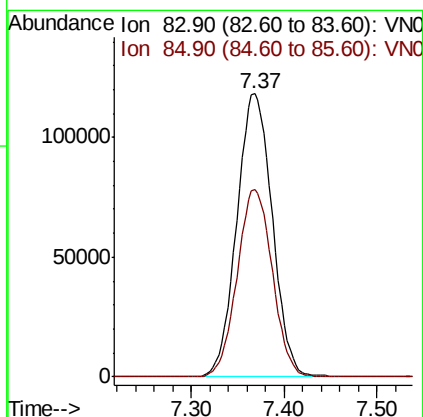
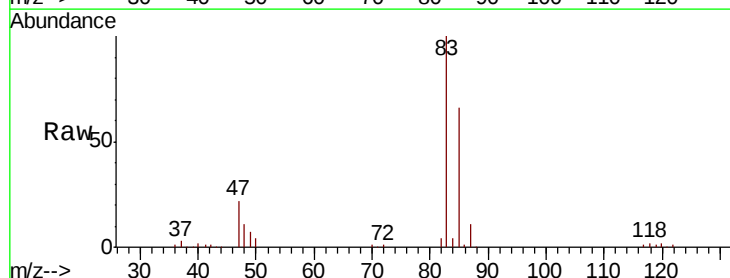
Instrument :
MSVOA_N
ClientSampleId :

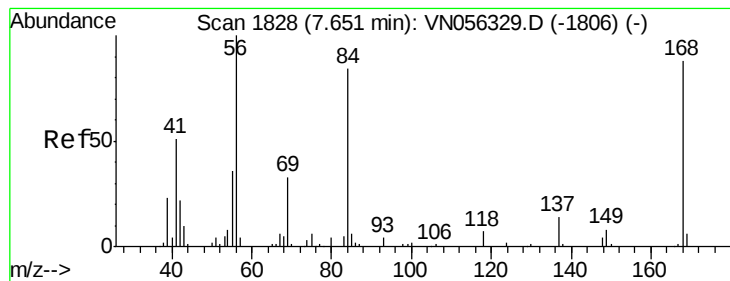
Tot Ion: 42 Resp: 388714
Ion Ratio Lower Upper
42 100
72 43.3 35.3 52.9
71 41.0 32.7 49.1



#30
Chloroform
Concen: 47.791 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 83 Resp: 314139
Ion Ratio Lower Upper
83 100
85 66.2 52.6 78.8





#31

Cyclohexane

Concen: 48.115 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :
MSVOA_N
ClientSampled :

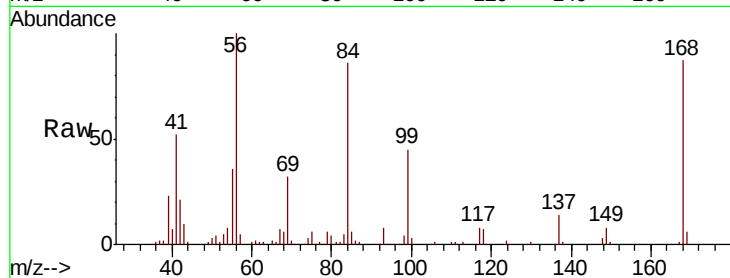
Tot Ion: 56 Resp: 306757

Ion Ratio Lower Upper

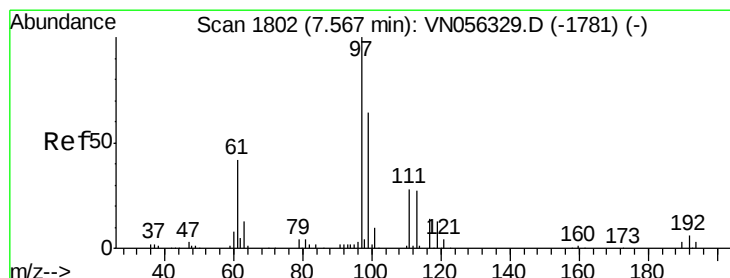
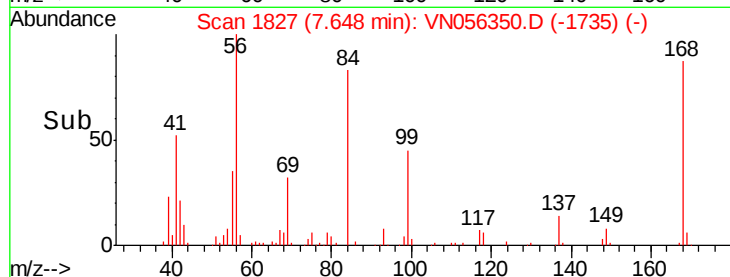
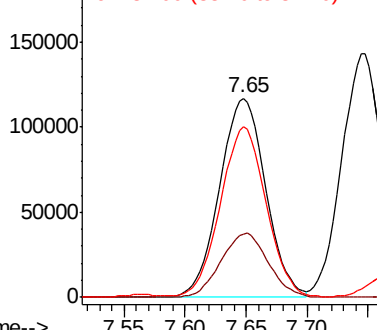
56 100

69 31.9 26.0 39.0

84 84.8 67.4 101.0



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



#32

1,1,1-Trichloroethane

Concen: 47.344 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

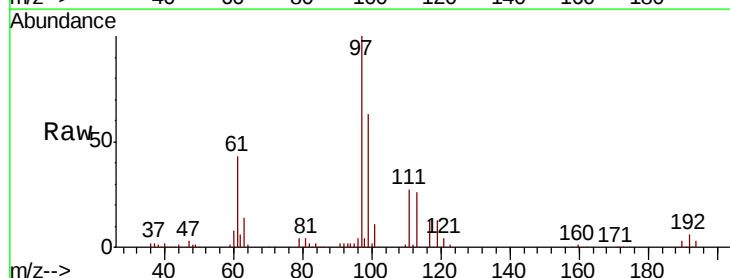
Tgt Ion: 97 Resp: 257779

Ion Ratio Lower Upper

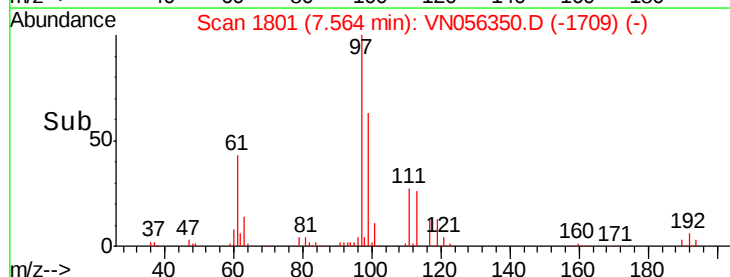
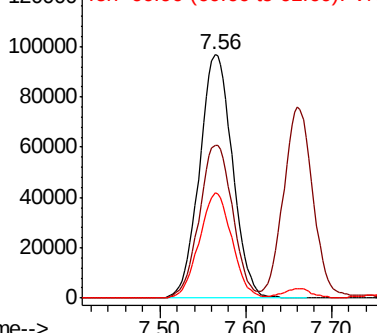
97 100

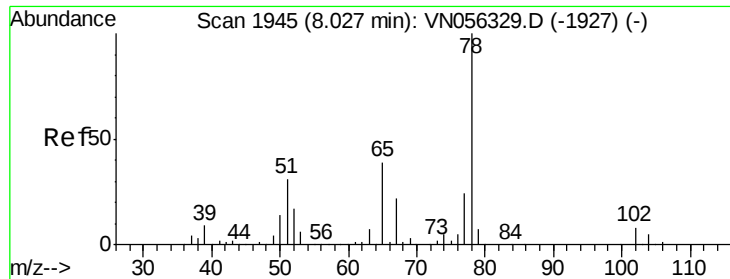
99 63.7 51.4 77.0

61 42.8 34.4 51.6



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

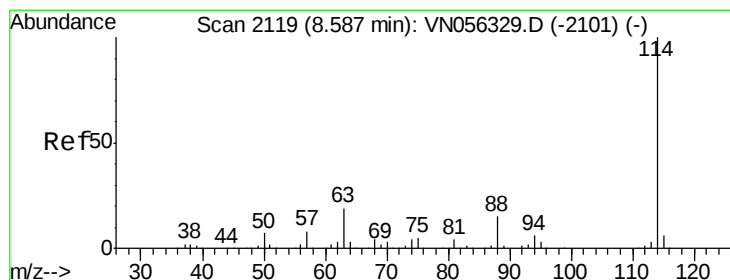
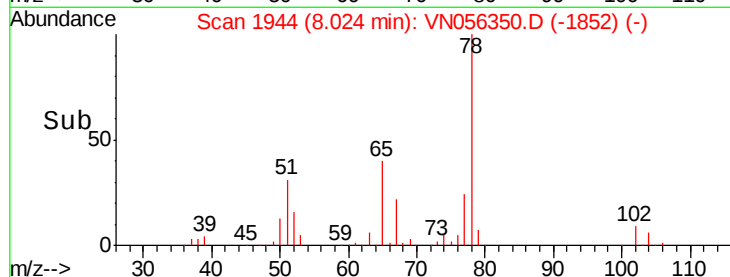
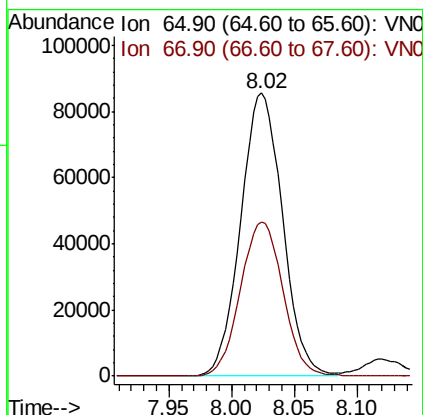
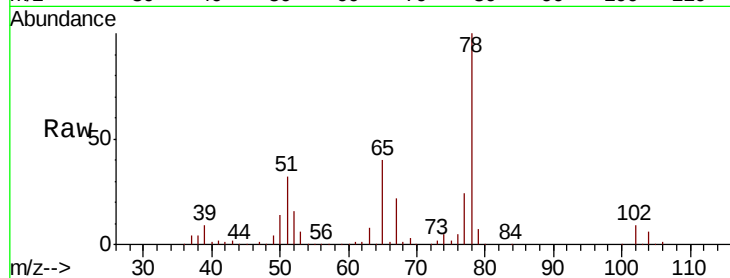




#33
 1,2-Dichloroethane-d4
 Concen: 48.108 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

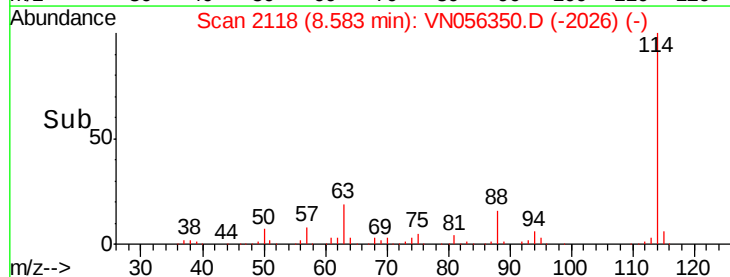
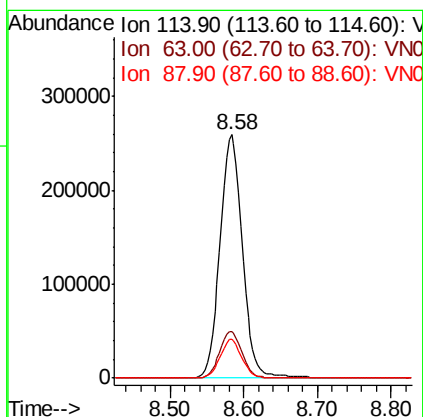
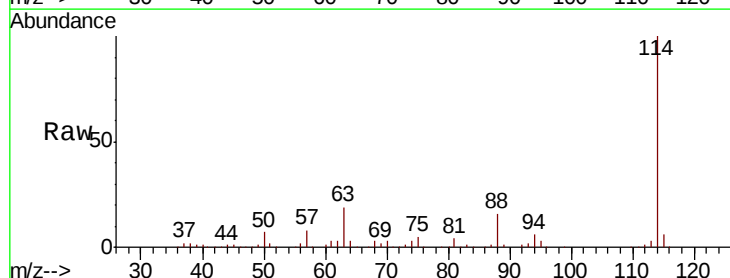
Instrument :
 MSVOA_N
 ClientSampleId :

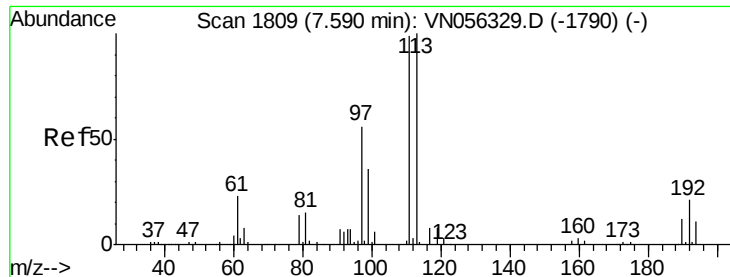
Tot Ion: 65 Resp: 199001
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Tgt Ion: 114 Resp: 550163
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 16.1 0.0 30.6

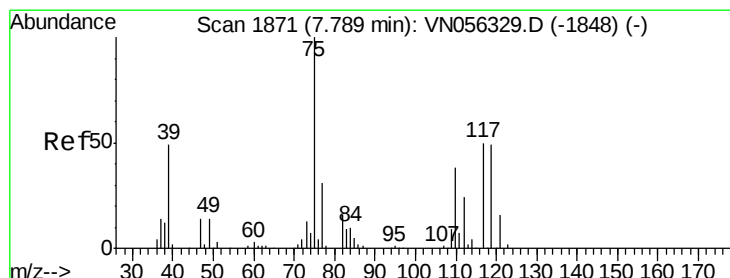
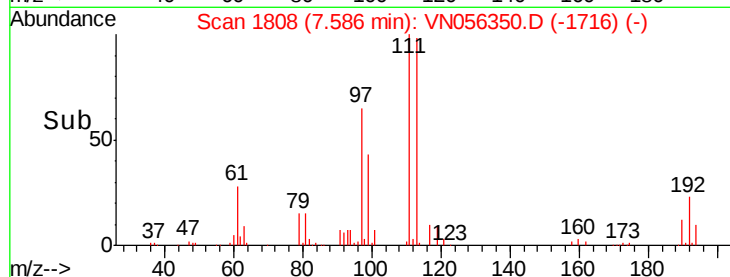
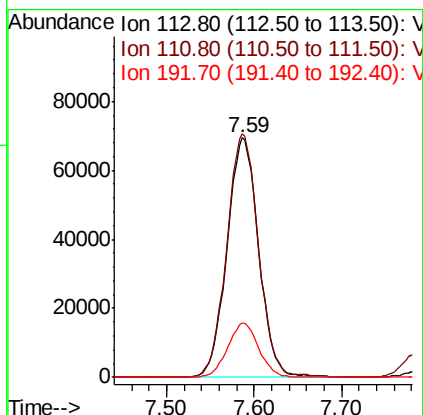
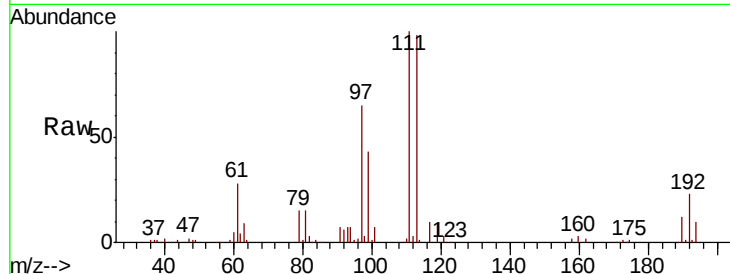




#35
 Dibromofluoromethane
 Concen: 49.330 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

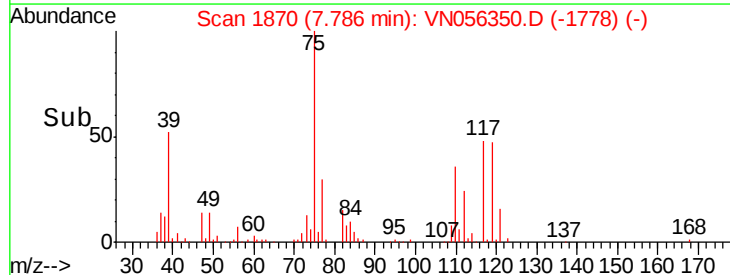
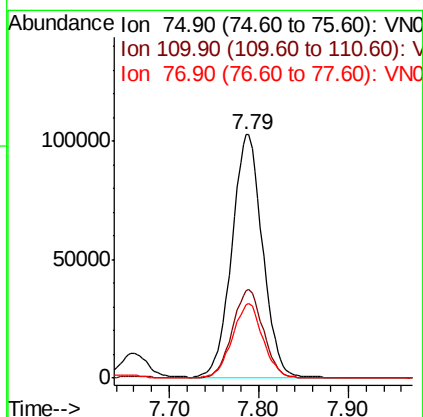
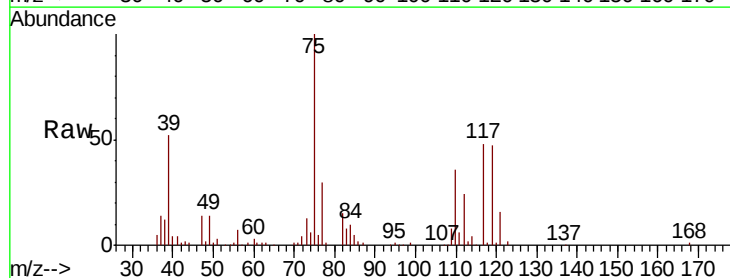
Instrument :
 MSVOA_N
 ClientSampleId :

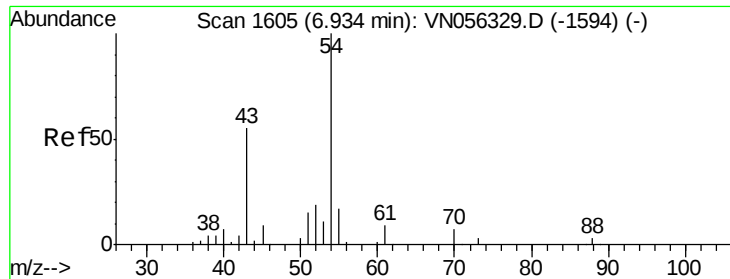
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.1	123.1
192	22.4	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 49.345 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.6	56.0
77	30.7	25.0	37.6

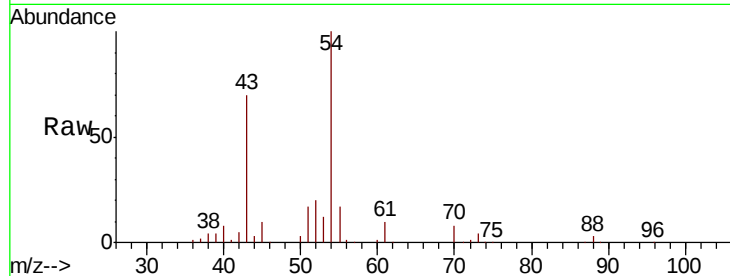




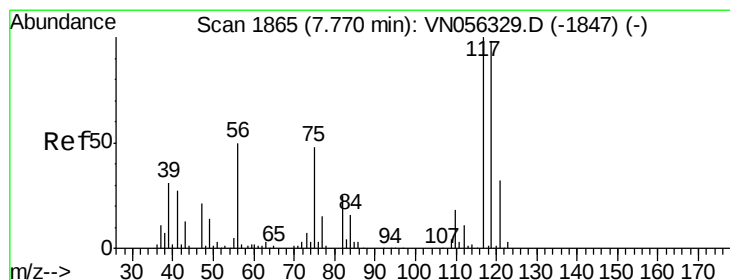
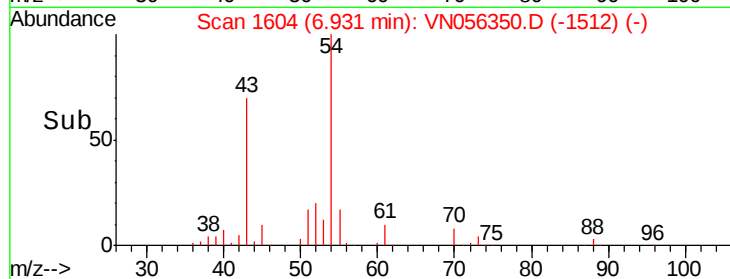
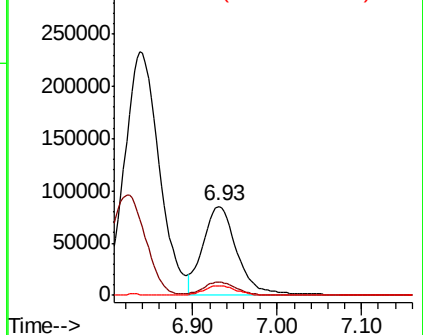
#37
Ethyl Acetate
Concen: 50.091 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 235016
Ion Ratio Lower Upper
43 100
61 14.6 11.7 17.5
70 10.8 8.3 12.5

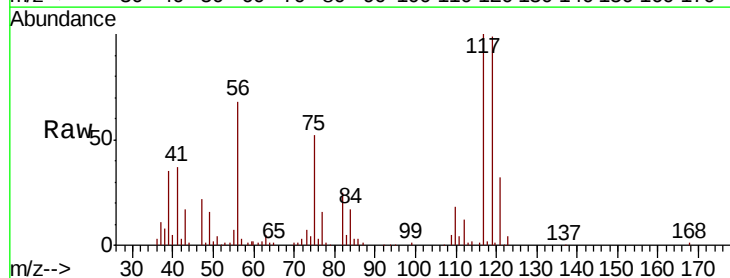


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

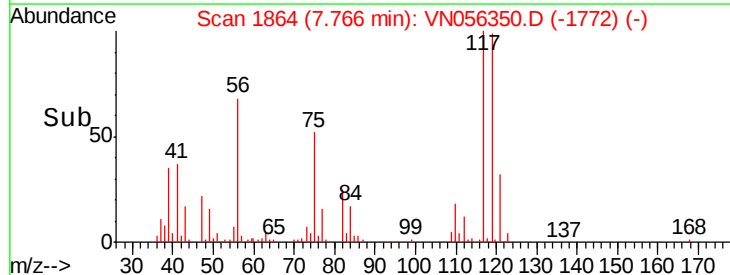
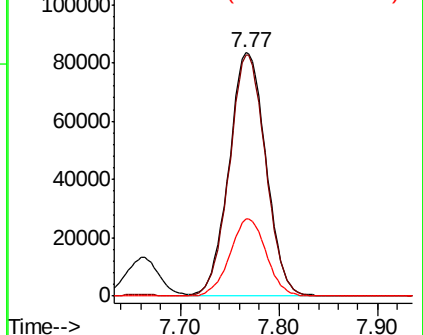


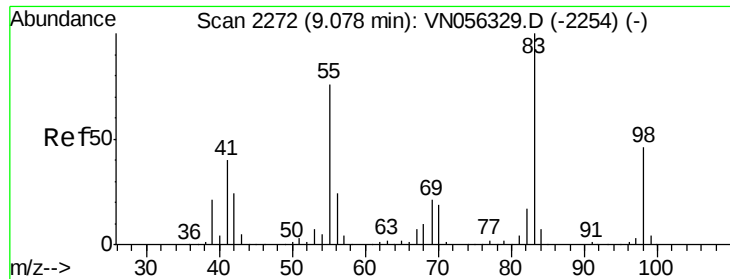
#38
Carbon Tetrachloride
Concen: 45.868 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 117 Resp: 217958
Ion Ratio Lower Upper
117 100
119 99.2 77.8 116.8
121 31.5 25.3 37.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

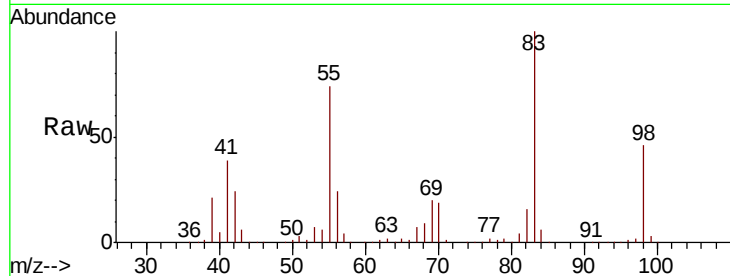




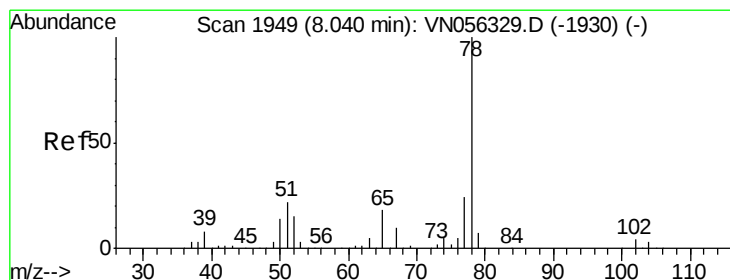
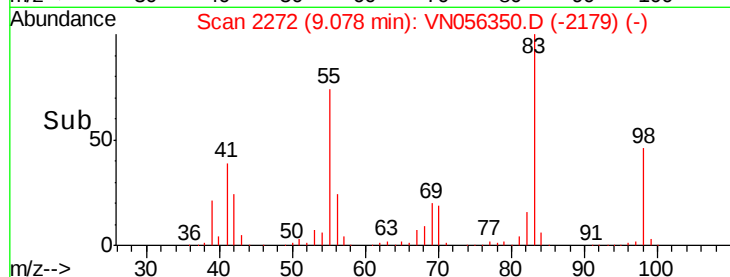
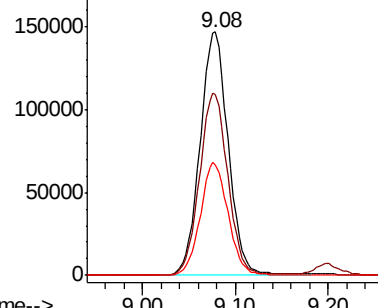
#39
Methvlcvclohexane
Concen: 51.367 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 310196
Ion Ratio Lower Upper
83 100
55 74.4 60.8 91.2
98 45.5 36.8 55.2

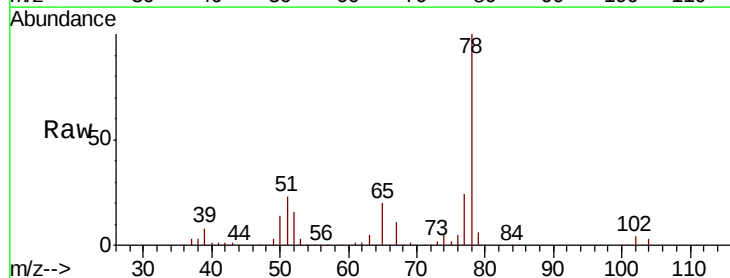


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

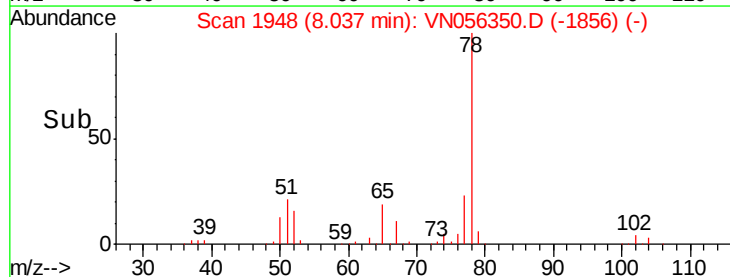
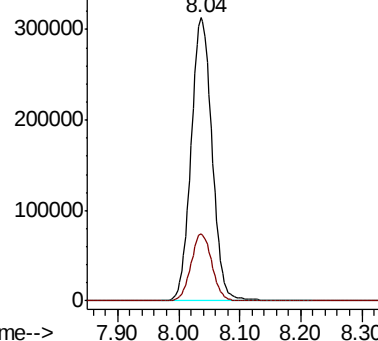


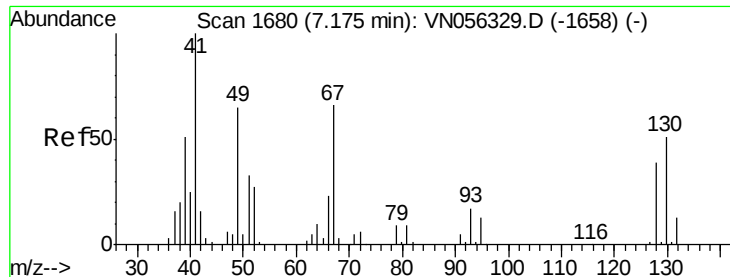
#40
Benzene
Concen: 49.579 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 78 Resp: 744592
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

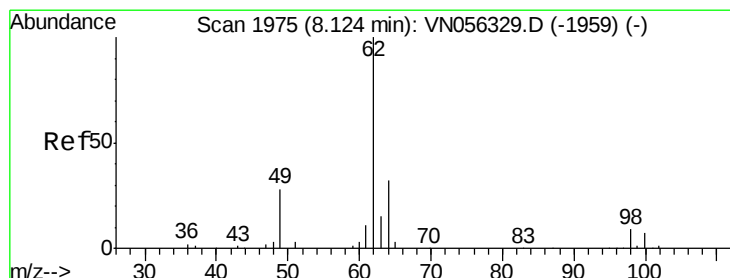
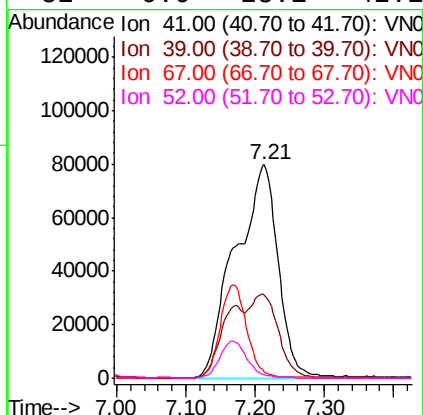
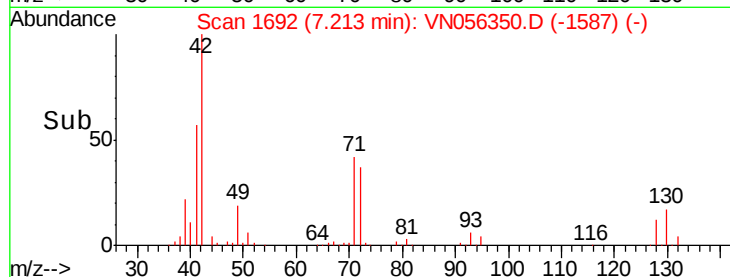
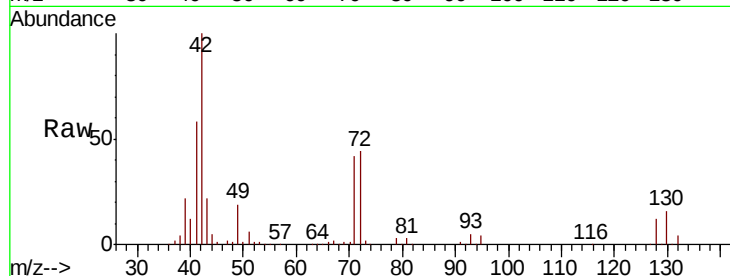




#41
Methacrylonitrile
Concen: 159.116 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

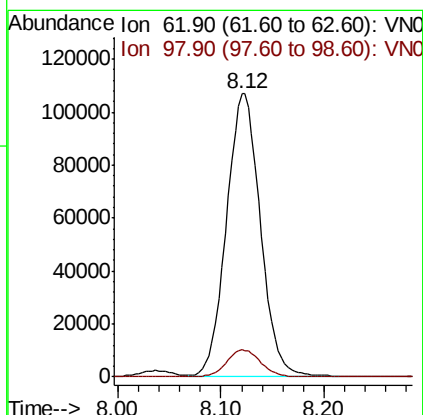
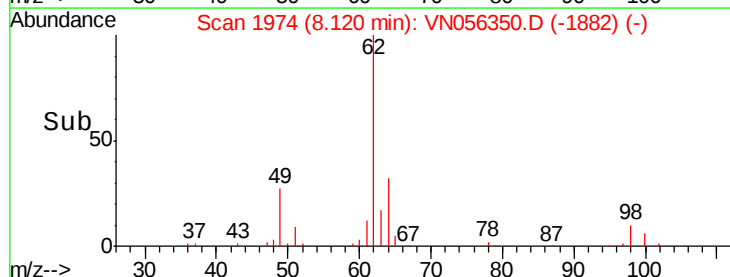
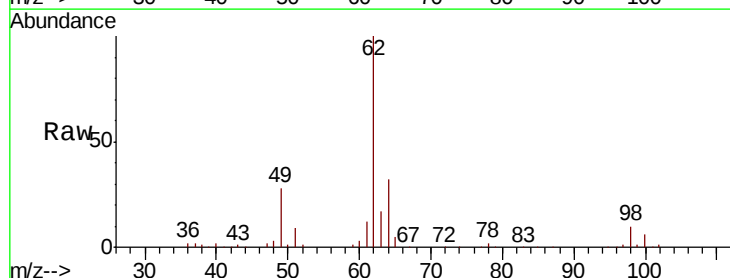
Instrument :
MSVOA_N
ClientSampled :

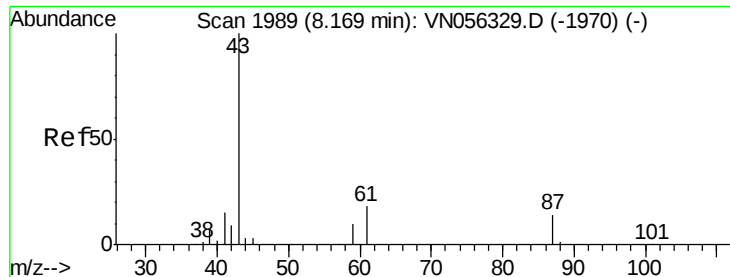
Tot Ion: 41 Resp: 342798
Ion Ratio Lower Upper
41 100
39 0.0 44.5 66.7#
67 0.0 69.0 103.4#
52 0.0 28.1 42.1#



#42
1,2-Dichloroethane
Concen: 49.506 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 62 Resp: 243824
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4



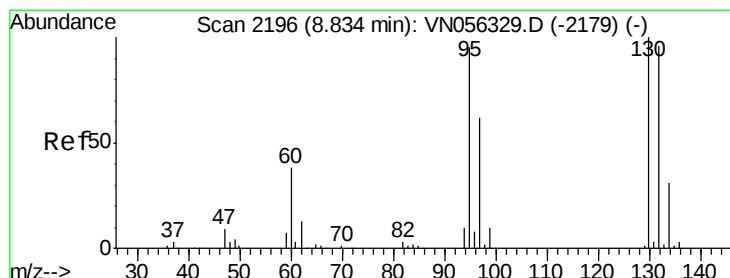
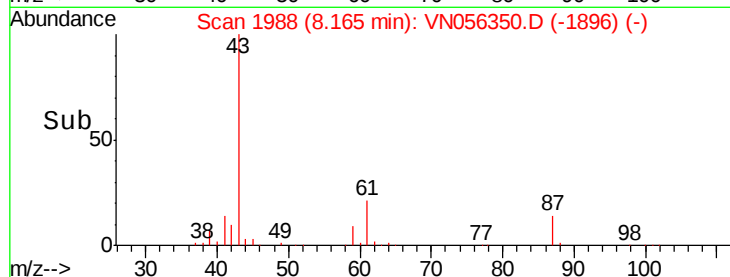
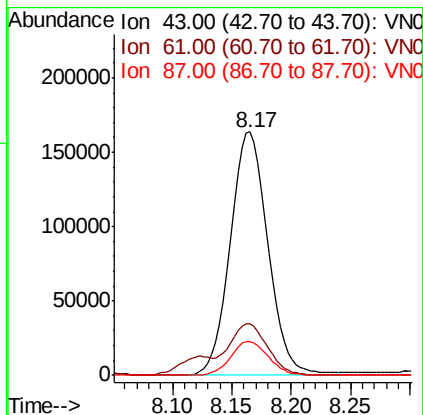
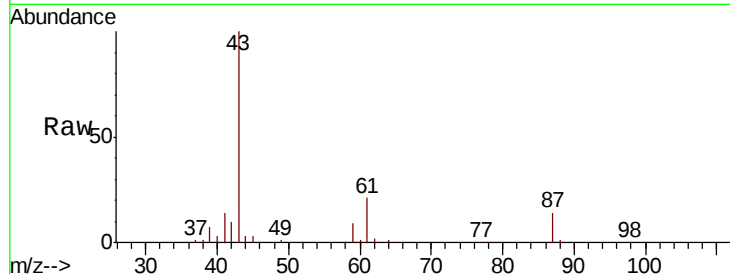


#43

Isopropyl Acetate
 Concen: 47.526 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Instrument :
 MSVOA_N
 ClientSampleId :

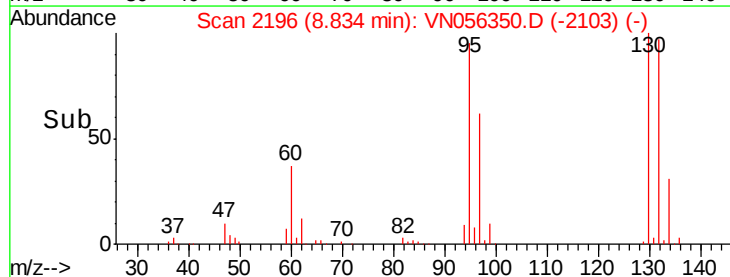
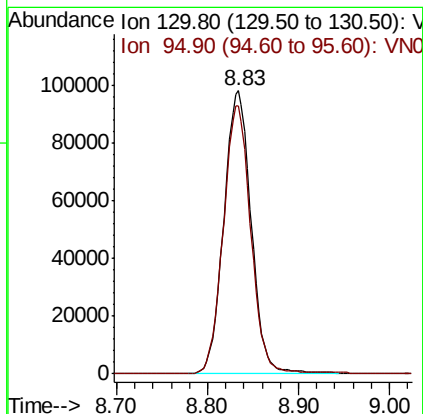
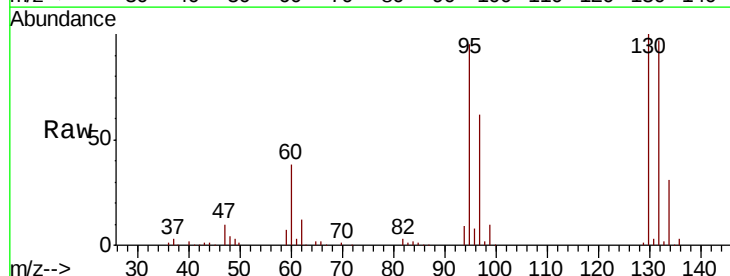
Tot Ion: 43 Resp: 356695
 Ion Ratio Lower Upper
 43 100
 61 21.3 16.6 25.0
 87 14.2 11.0 16.4

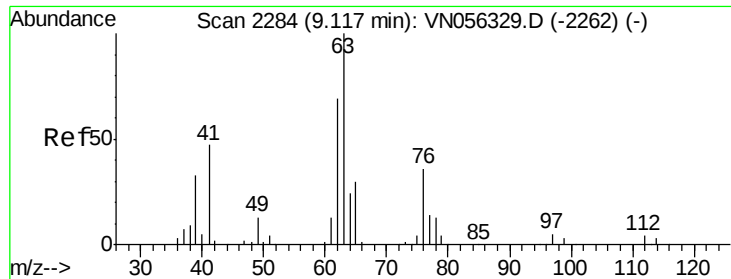


#44

Trichloroethene
 Concen: 50.107 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Tgt Ion:130 Resp: 204645
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 190.4

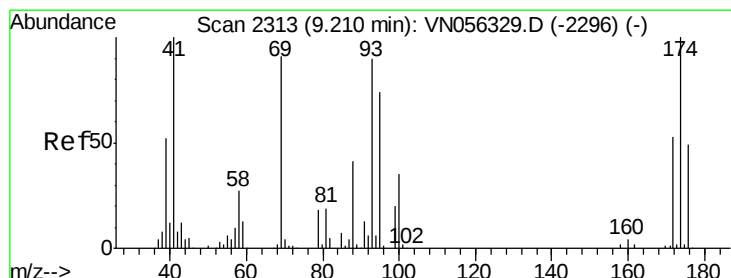
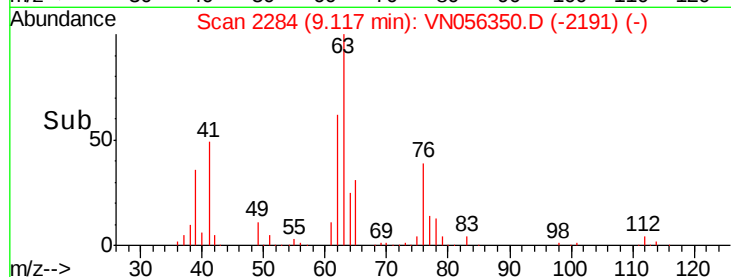
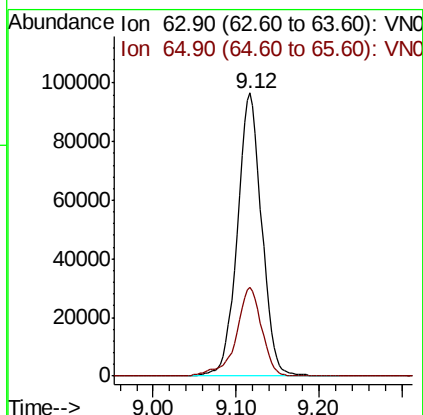
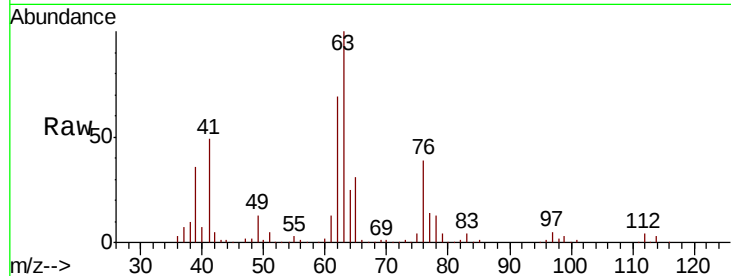




#45
 1,2-Dichloropropane
 Concen: 49.895 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

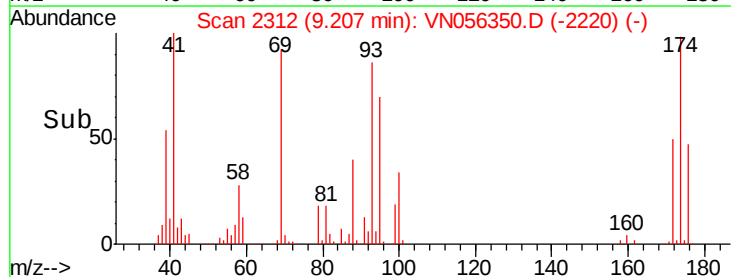
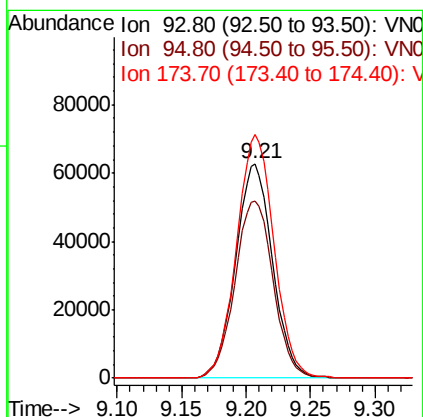
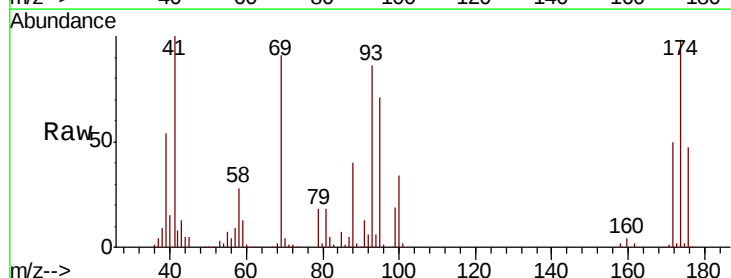
Instrument :
 MSVOA_N
 ClientSampled :

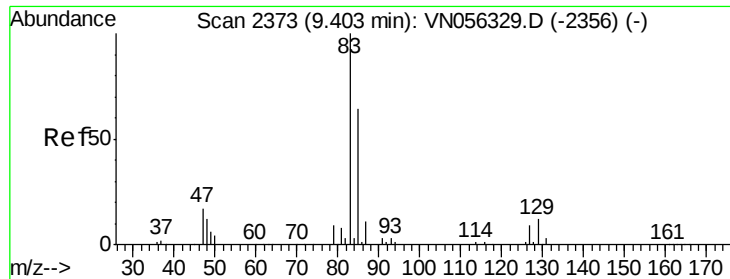
Tot Ion: 63 Resp: 198038
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.4 36.6



#46
 Dibromomethane
 Concen: 47.649 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Tgt Ion: 93 Resp: 125678
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.2 100.8
 174 114.6 90.3 135.5





#47

Bromodichloromethane

Concen: 46.575 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

ClientSampleId :

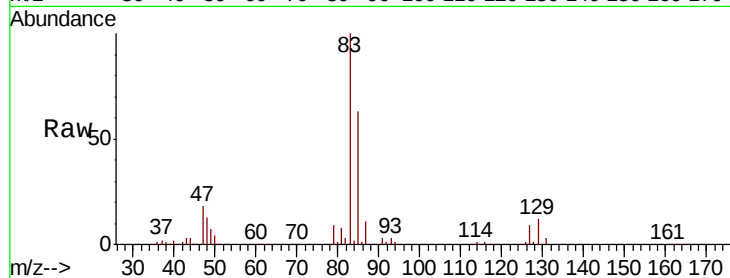
Tot Ion: 83 Resp: 234695

Ion Ratio Lower Upper

83 100

85 63.3 51.1 76.7

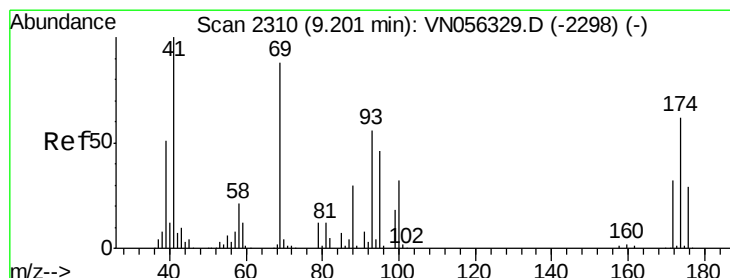
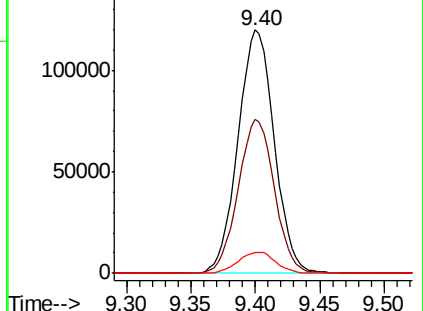
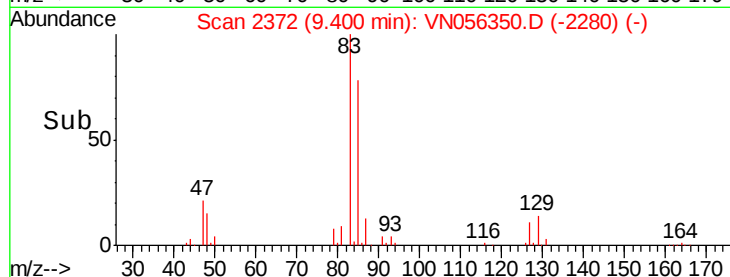
127 8.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN056329.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN056329.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN056329.D (-2356) (-)



#48

Methyl methacrylate

Concen: 46.097 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

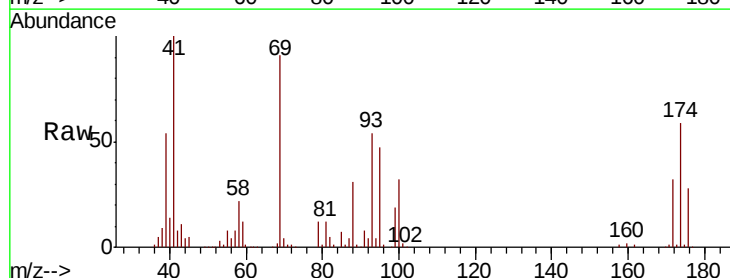
Tgt Ion: 41 Resp: 174551

Ion Ratio Lower Upper

41 100

69 93.2 71.0 106.6

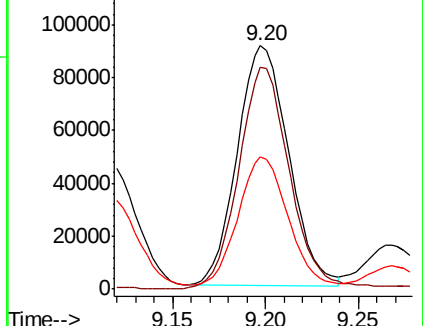
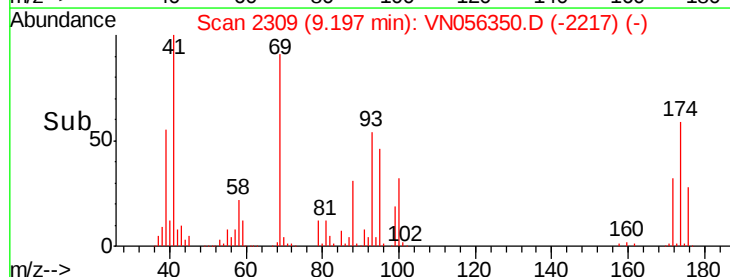
39 54.5 41.7 62.5

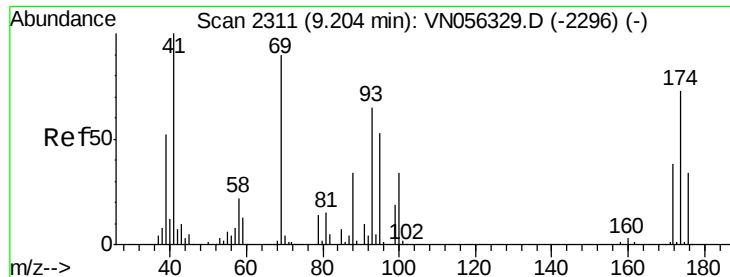


Abundance Ion 41.00 (40.70 to 41.70): VN056329.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN056329.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN056329.D (-2298) (-)





#49

1,4-Dioxane

Concen: 1000.883 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :
MSVOA_N
ClientSampled :

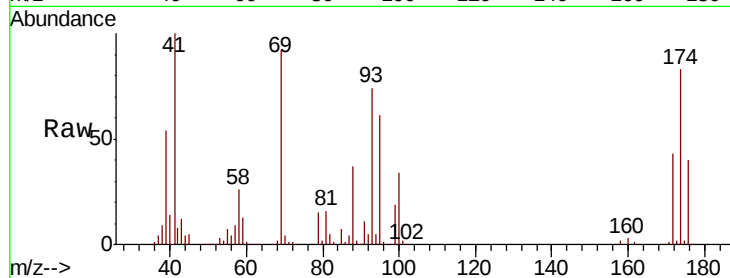
Tot Ion: 88 Resp: 76453

Ion Ratio Lower Upper

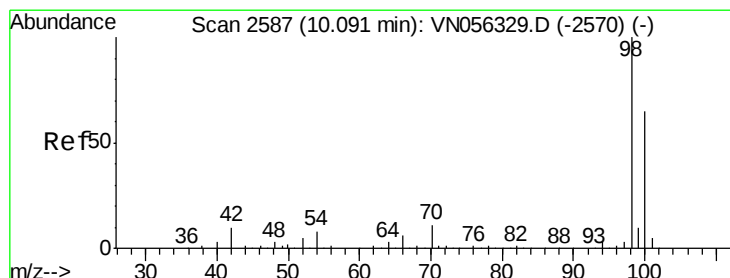
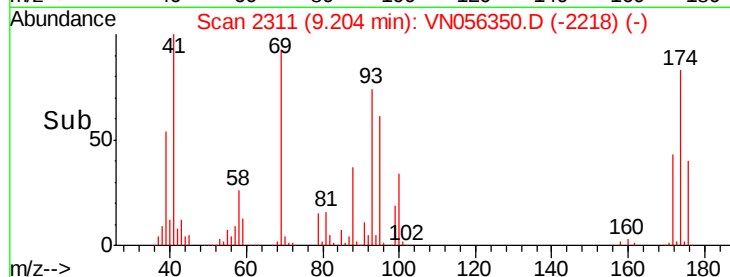
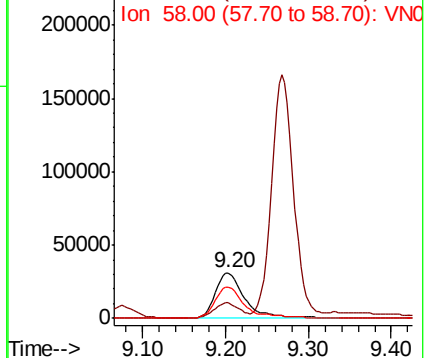
88 100

43 27.5 21.9 32.9

58 72.1 57.3 85.9



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



#50

Toluene-d8

Concen: 49.861 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056350.D

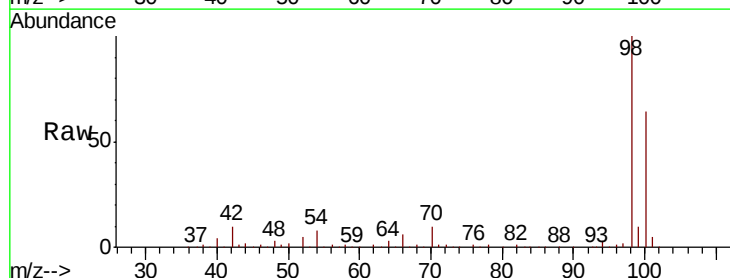
Acq: 18 Jun 2019 8:50

Tgt Ion: 98 Resp: 672039

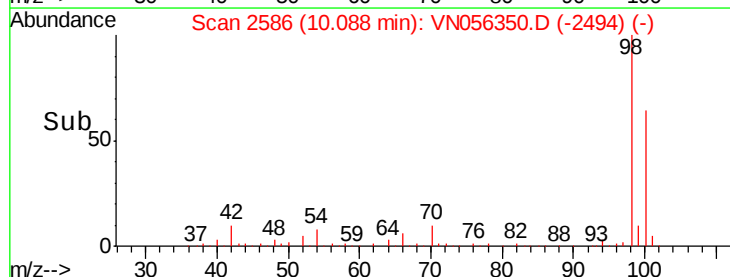
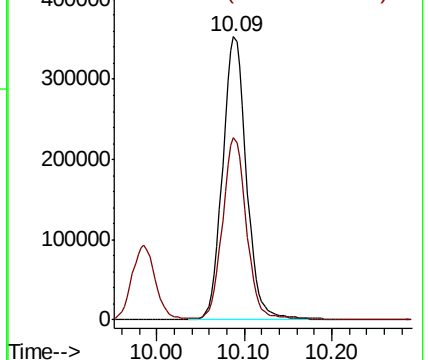
Ion Ratio Lower Upper

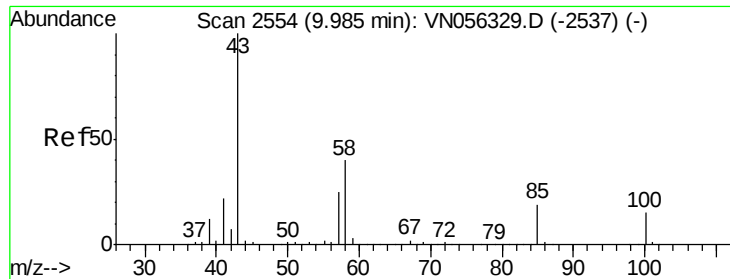
98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 242.293 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

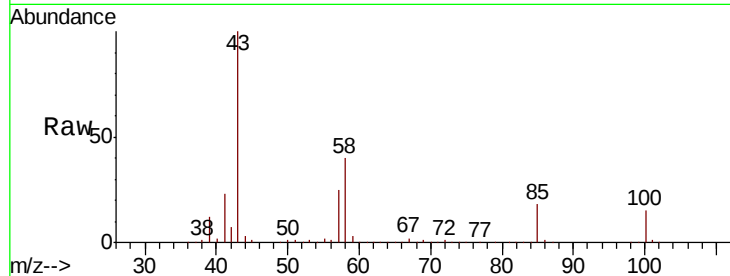
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1158971

Ion Ratio Lower Upper

43 100

58 39.6 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

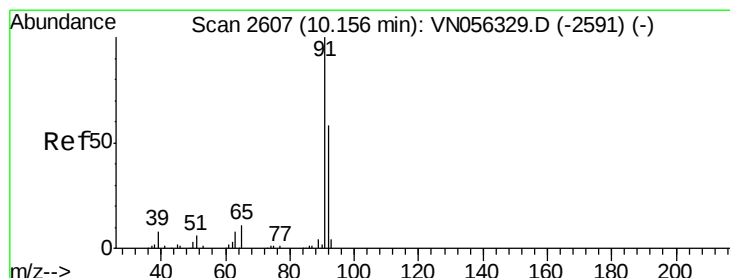
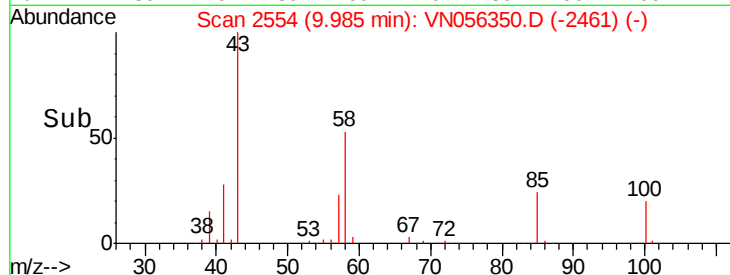
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.035 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056350.D

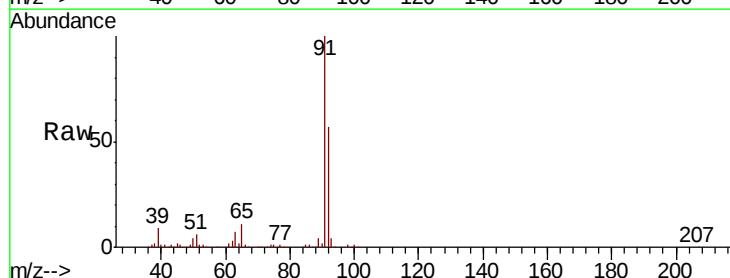
Acq: 18 Jun 2019 8:50

Tgt Ion: 92 Resp: 458652

Ion Ratio Lower Upper

92 100

91 175.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

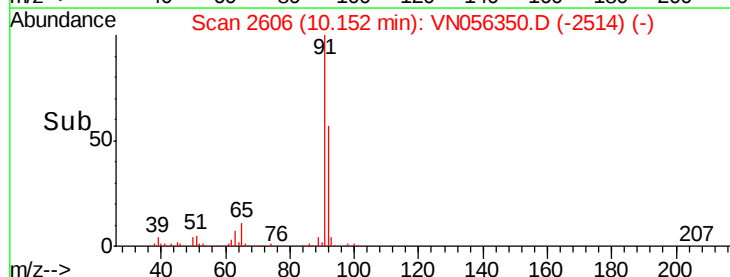
300000

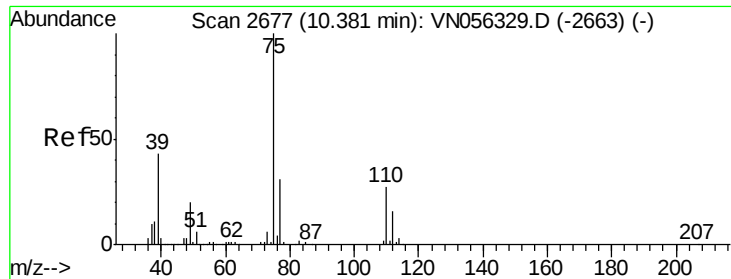
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.646 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

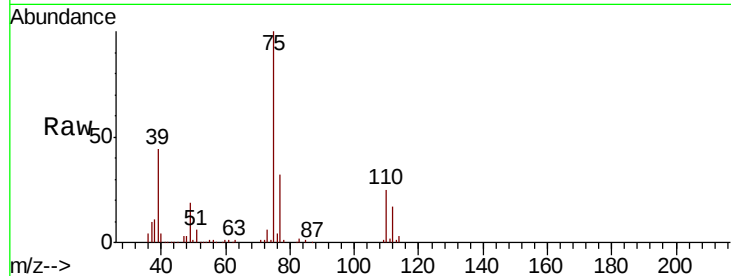
ClientSampled :

Tot Ion: 75 Resp: 243403

Ion Ratio Lower Upper

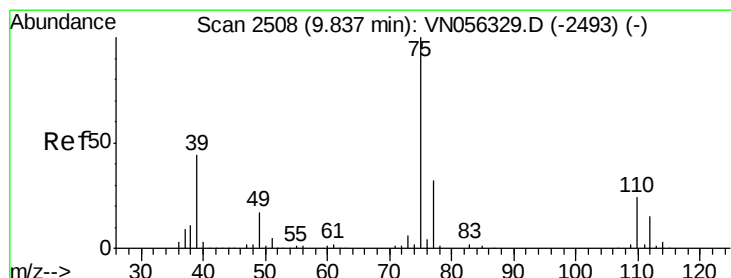
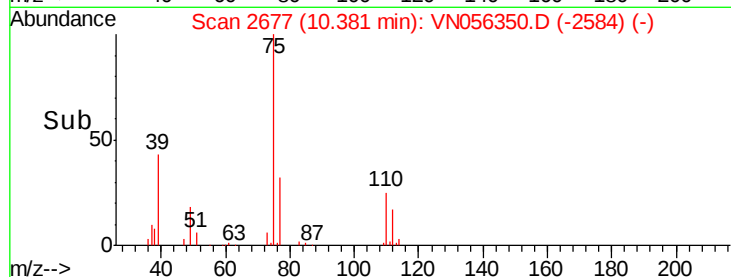
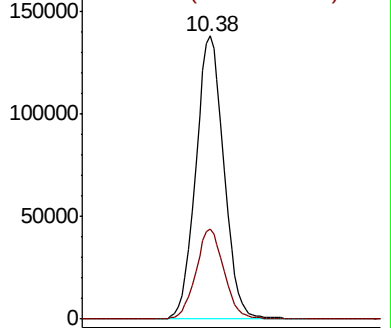
75 100

77 31.6 25.1 37.7



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: 49.417 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

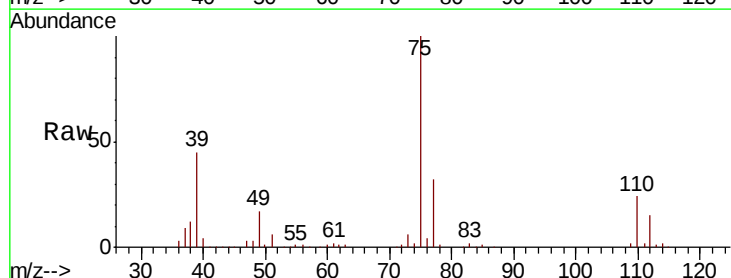
Tgt Ion: 75 Resp: 285197

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

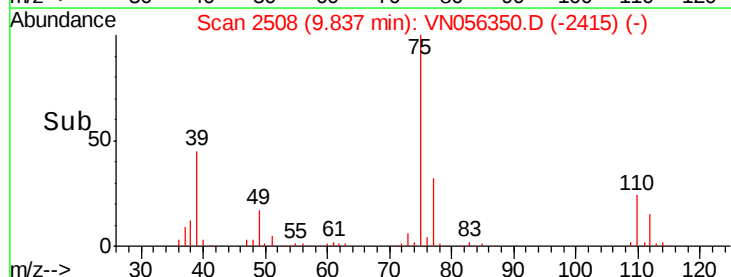
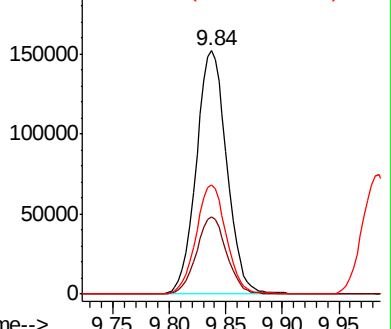
39 45.1 35.4 53.0

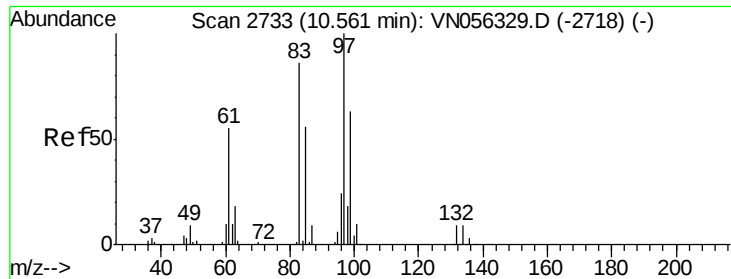


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

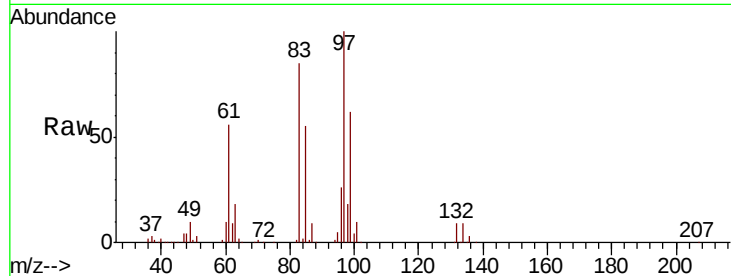




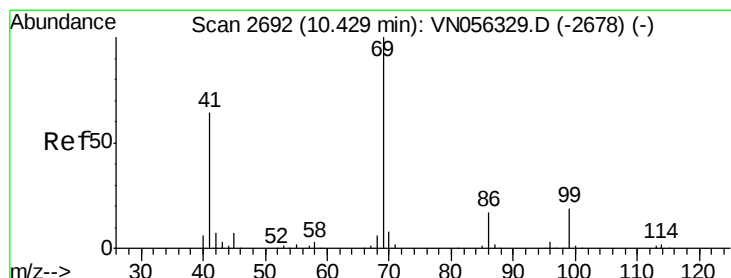
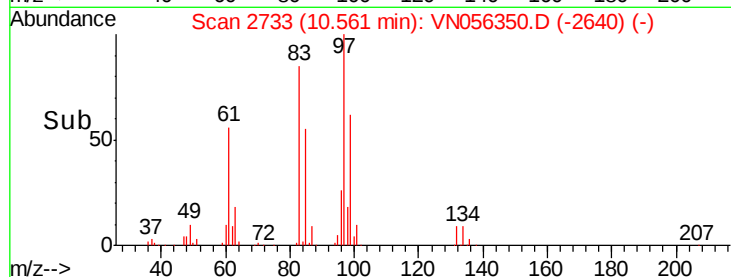
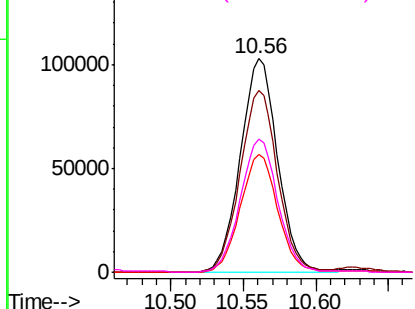
#55
 1,1,2-Trichloroethane
 Concen: 48.951 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 184414
 Ion Ratio Lower Upper
 97 100
 83 85.4 69.0 103.4
 85 55.4 44.6 67.0
 99 61.9 50.5 75.7

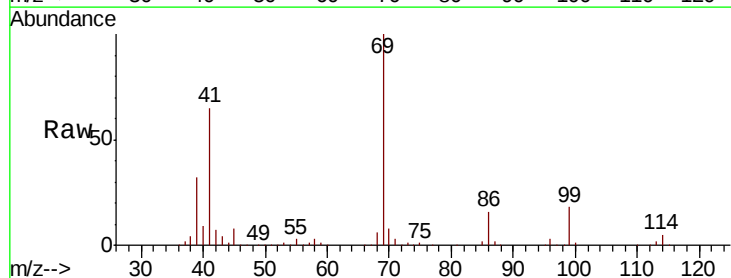


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

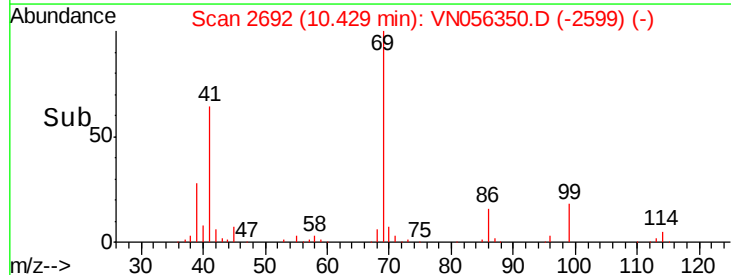
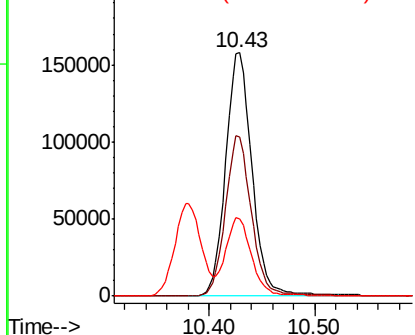


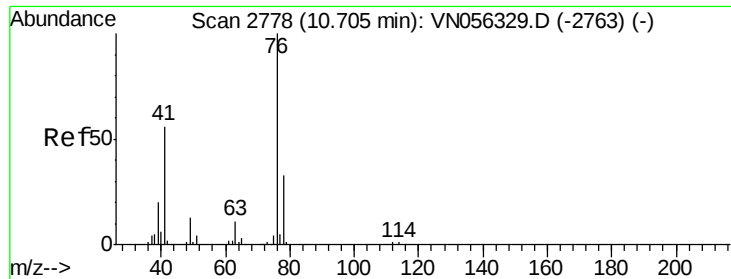
#56
 Ethyl methacrylate
 Concen: 50.391 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Tgt Ion: 69 Resp: 273012
 Ion Ratio Lower Upper
 69 100
 41 64.7 52.0 78.0
 39 30.6 24.4 36.6



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





#57

1,3-Dichloropropane

Concen: 48.701 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

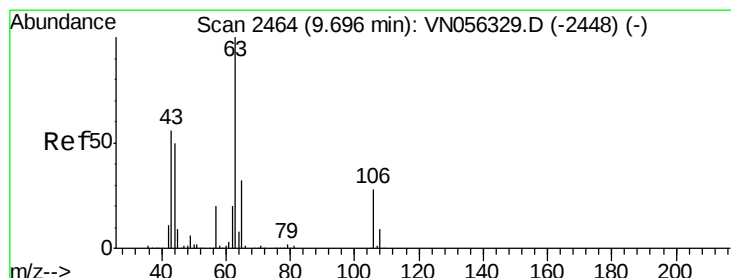
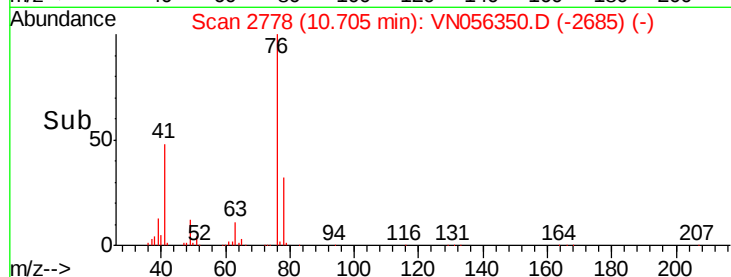
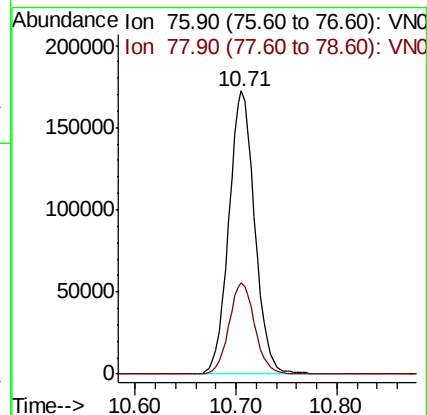
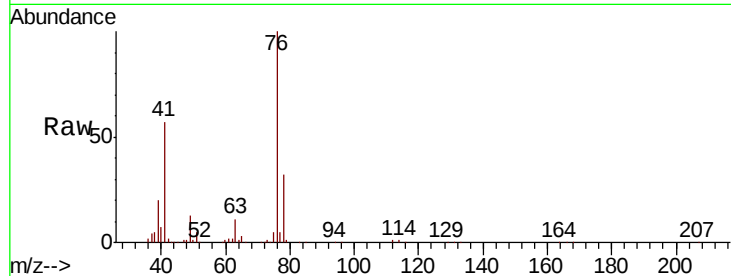
ClientSampleId :

Tot Ion: 76 Resp: 309039

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 252.920 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056350.D

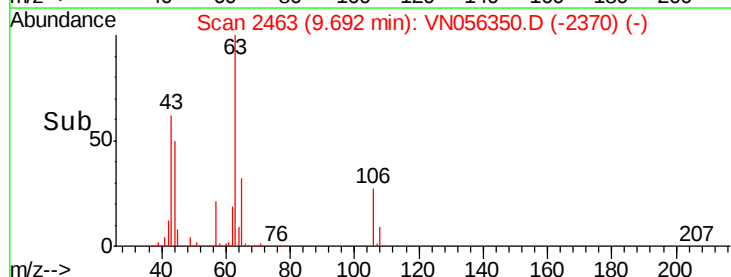
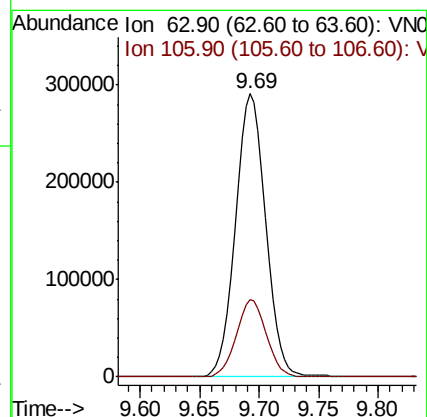
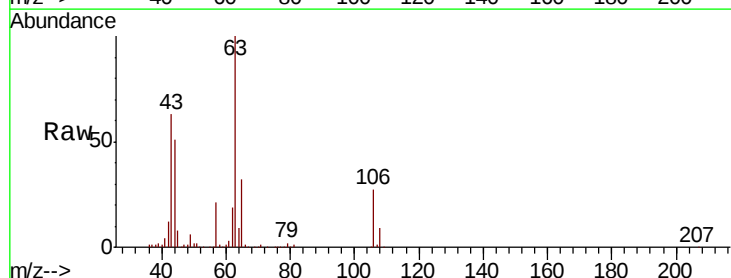
Acq: 18 Jun 2019 8:50

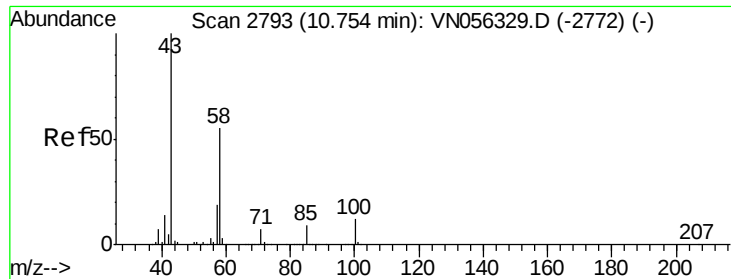
Tgt Ion: 63 Resp: 512632

Ion Ratio Lower Upper

63 100

106 27.0 22.2 33.2

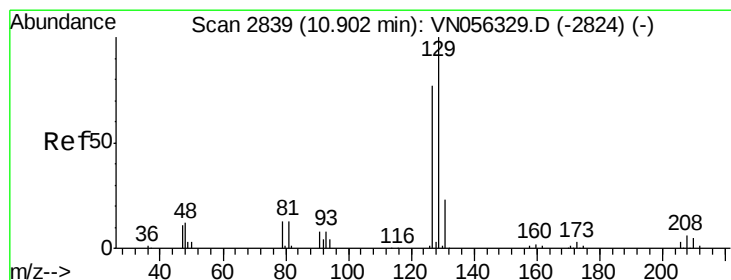
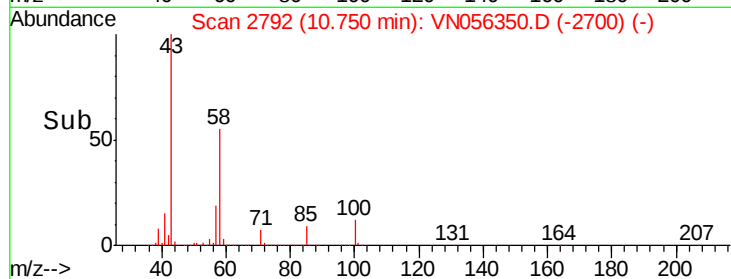
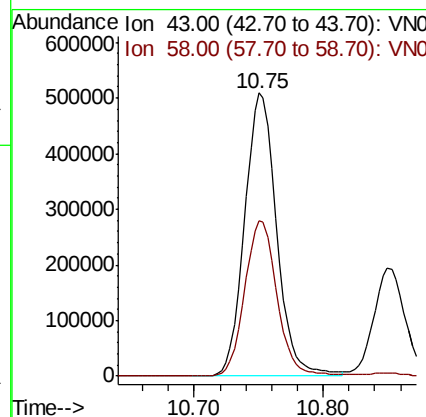
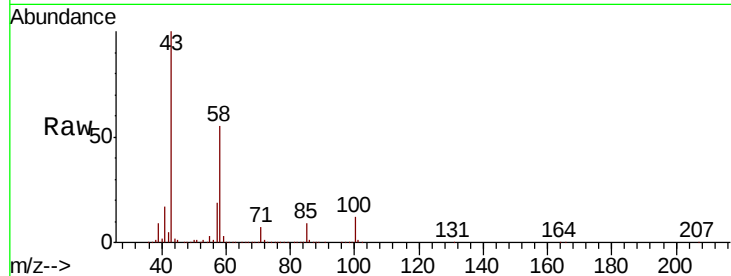




#59
2-Hexanone
Concen: 247.483 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

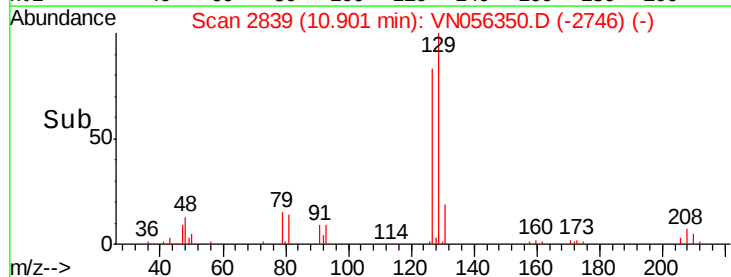
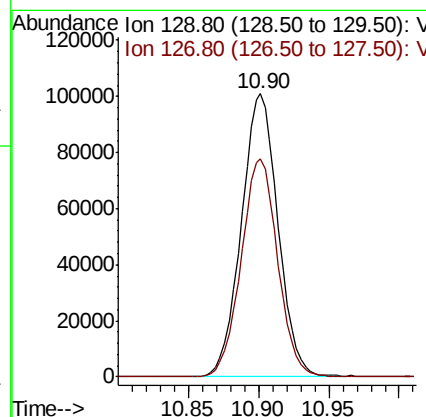
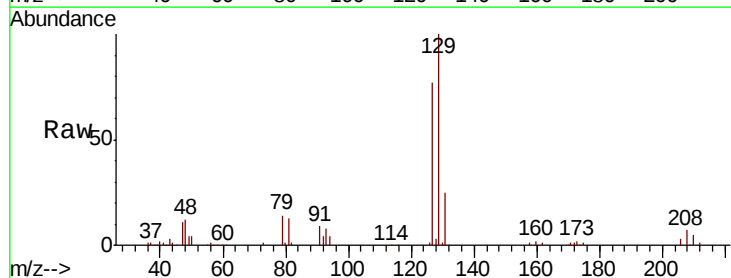
Instrument :
MSVOA_N
ClientSampled :

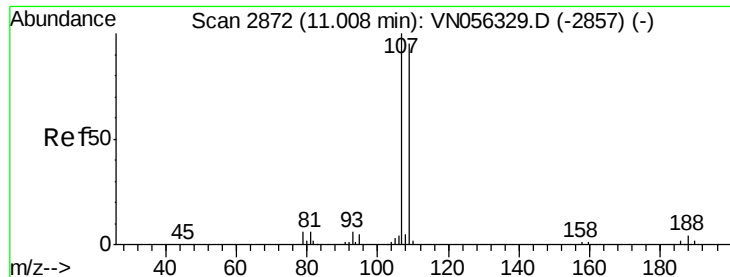
Tot Ion: 43 Resp: 877957
Ion Ratio Lower Upper
43 100
58 55.6 27.8 83.4



#60
Dibromochloromethane
Concen: 46.482 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 129 Resp: 183663
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

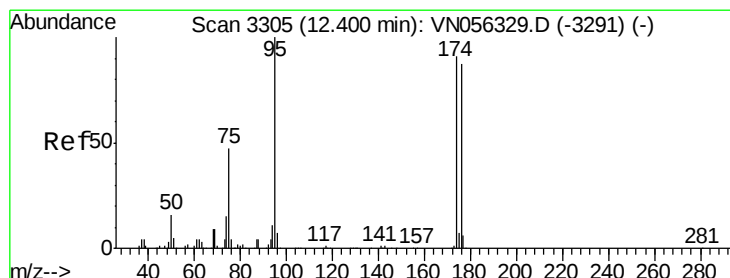
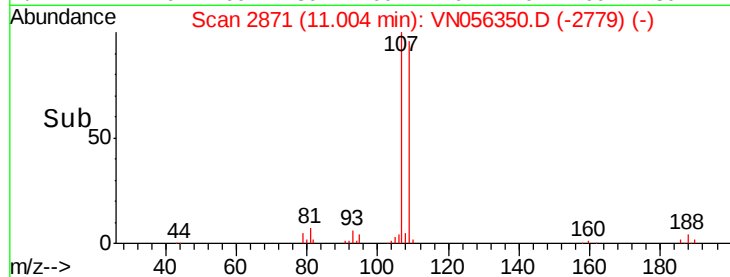
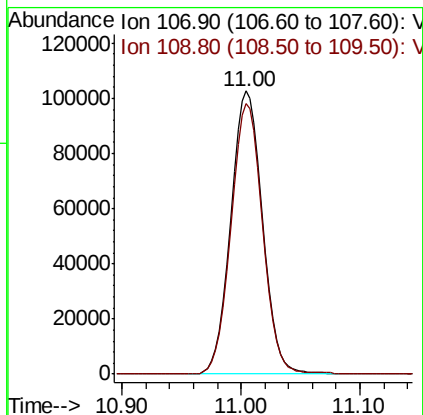
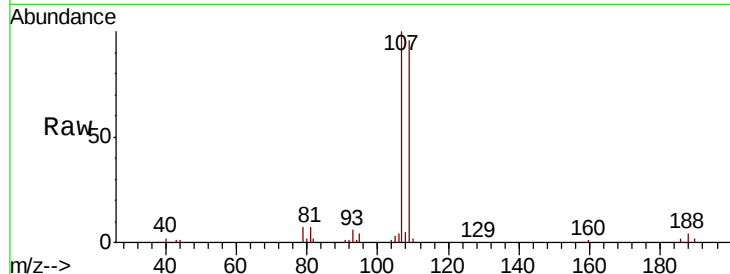




#61
 1,2-Dibromoethane
 Concen: 48.819 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

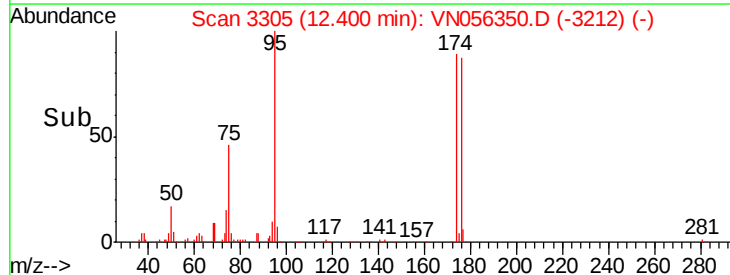
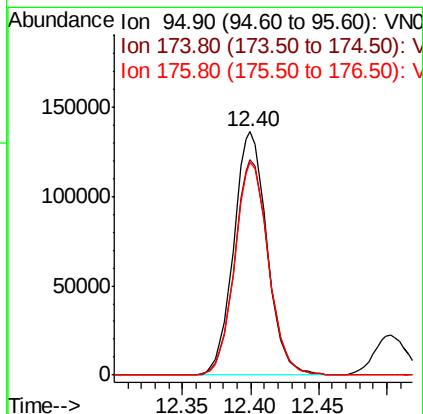
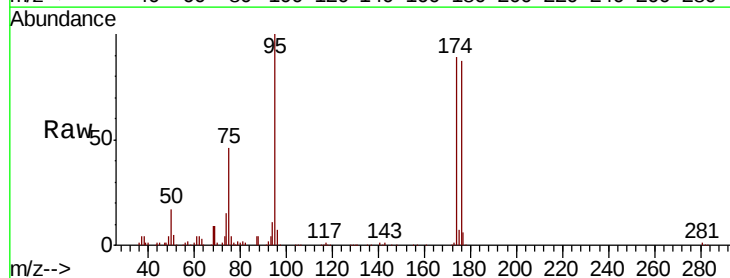
Instrument :
 MSVOA_N
 ClientSampleId :

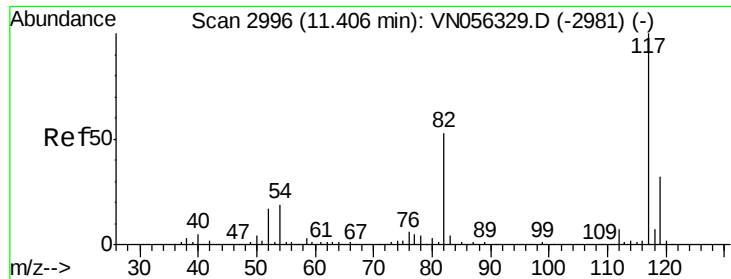
Tot Ion: 107 Resp: 189053
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 51.766 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Tgt Ion: 95 Resp: 231204
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 182.6
 176 88.2 0.0 176.8

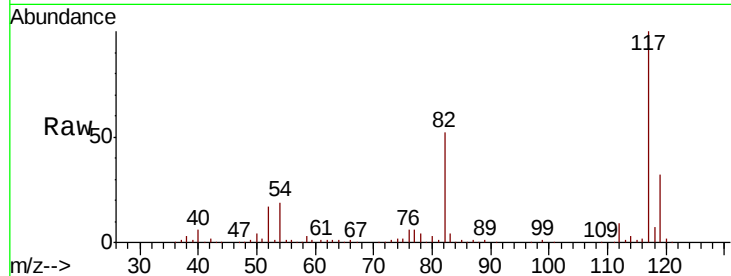




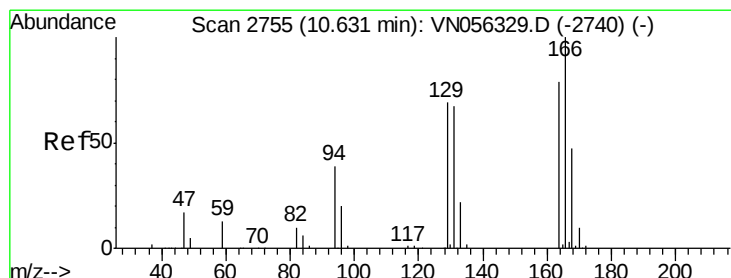
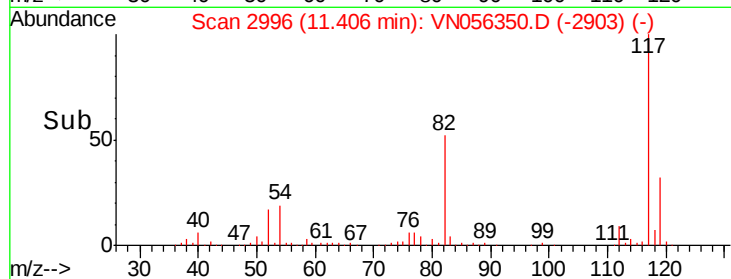
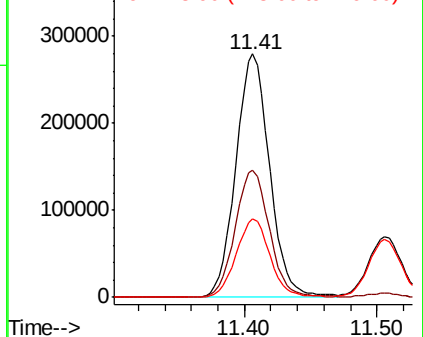
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 495118
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 32.1 26.0 39.0

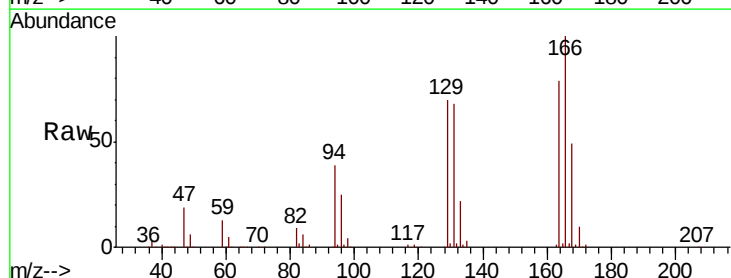


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

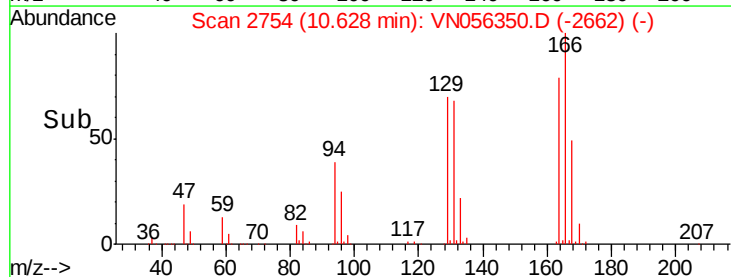
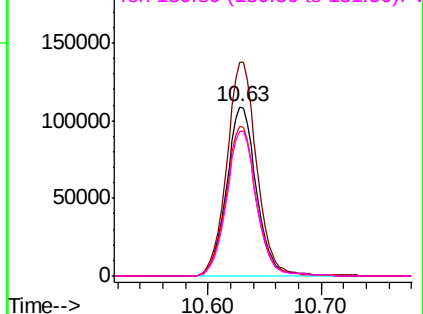


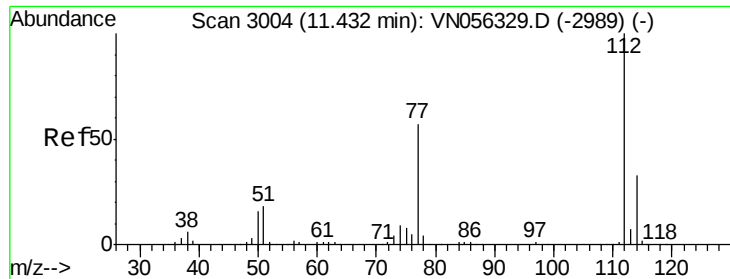
#64
Tetrachloroethene
Concen: 49.121 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion:164 Resp: 199444
Ion Ratio Lower Upper
164 100
166 125.9 101.8 152.6
129 88.4 70.3 105.5
131 85.8 68.2 102.4



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

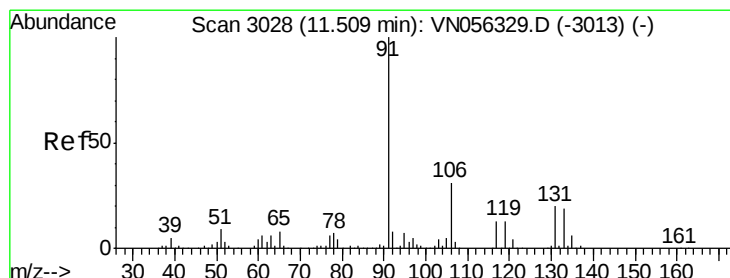
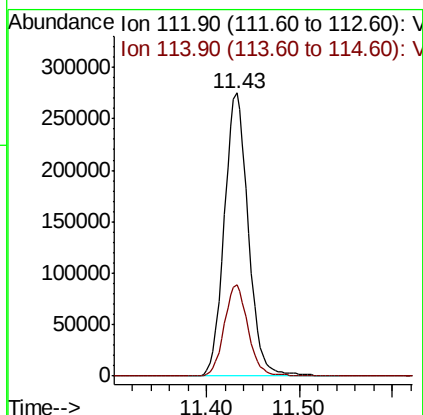
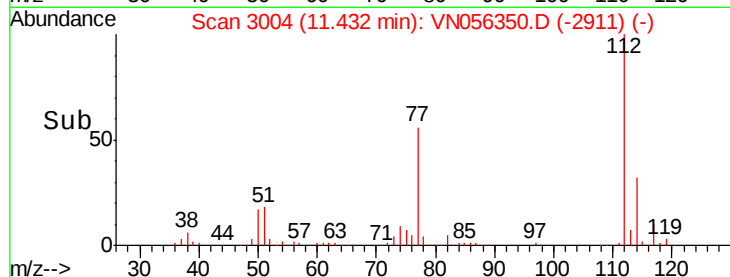
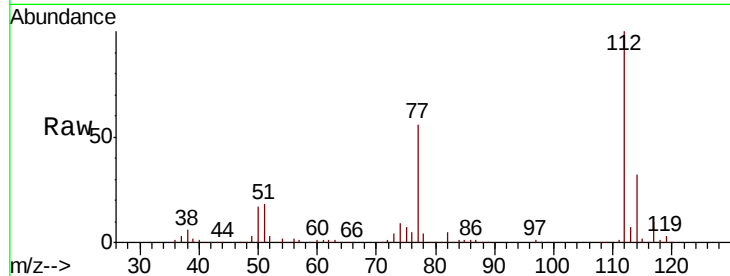




#65
Chlorobenzene
Concen: 49.040 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

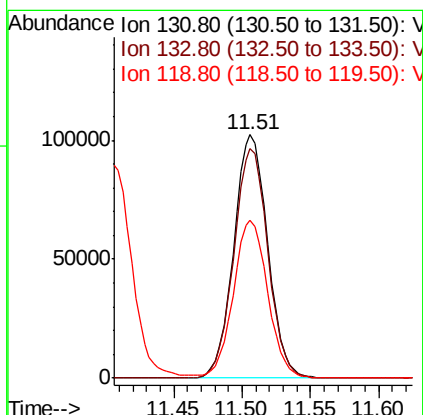
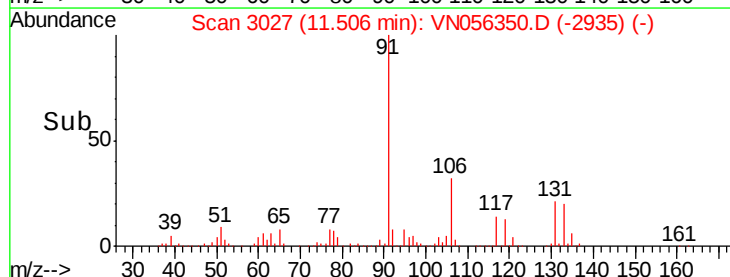
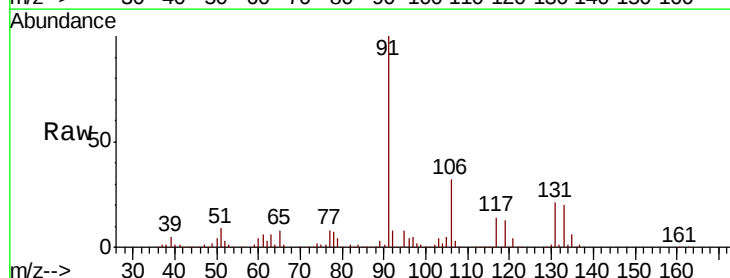
Instrument :
MSVOA_N
ClientSampled :

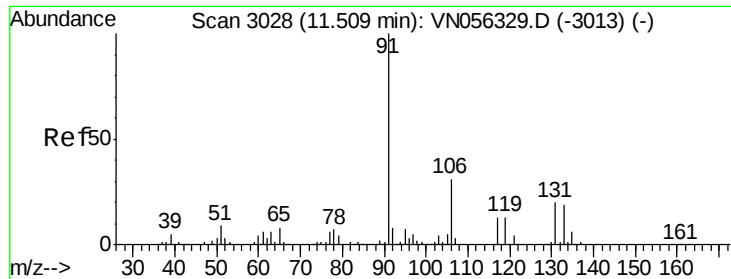
Tot Ion:112 Resp: 492955
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 47.063 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion:131 Resp: 176612
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 65.7 33.5 100.5

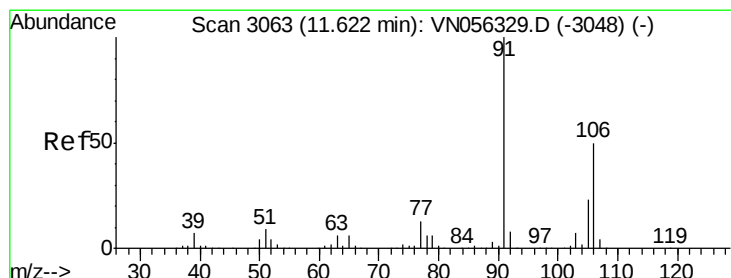
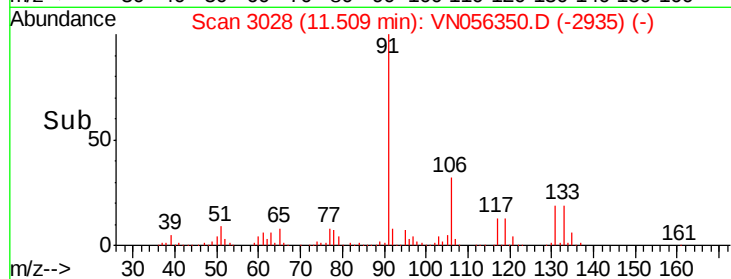
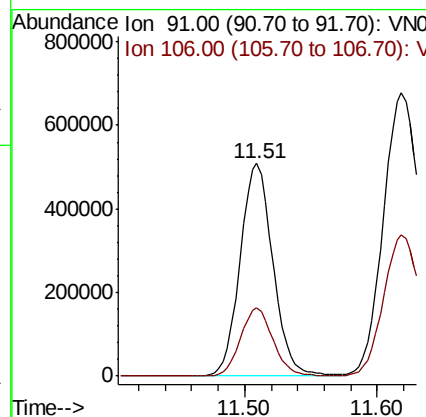
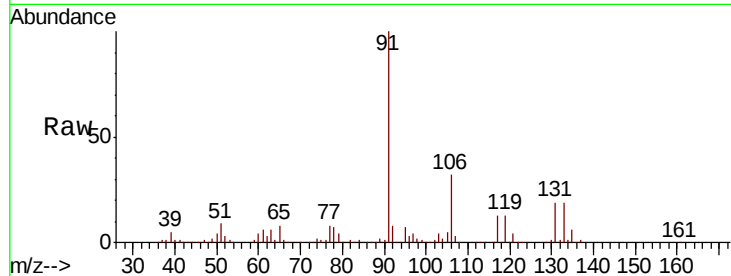




#67
Ethyl Benzene
Concen: 50.555 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

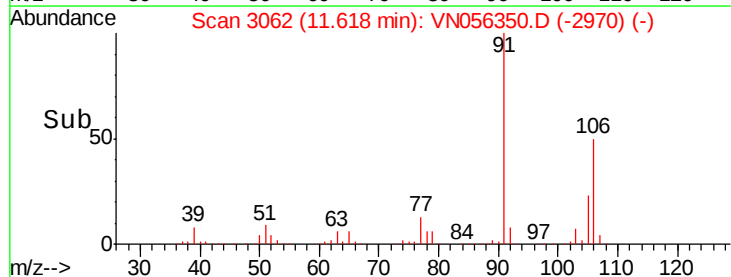
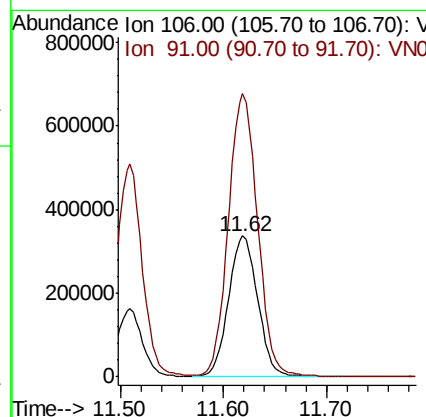
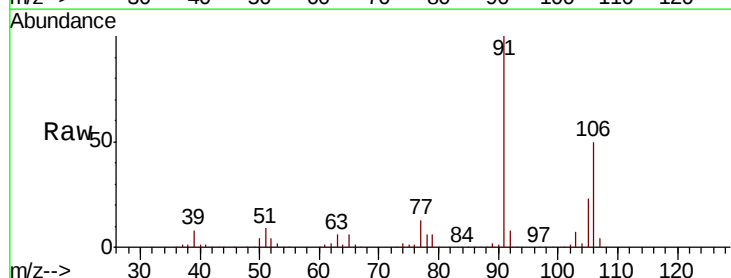
Instrument :
MSVOA_N
ClientSampled :

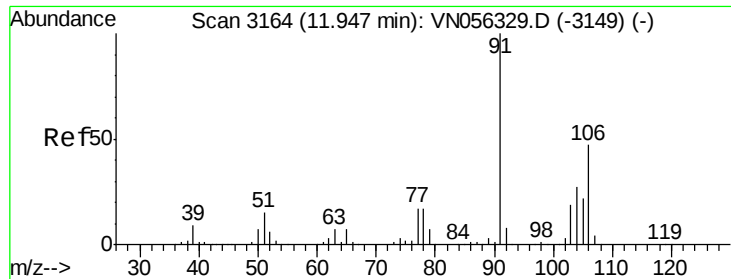
Tot Ion: 91 Resp: 874738
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6



#68
m/p-Xylenes
Concen: 103.298 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion: 106 Resp: 665230
Ion Ratio Lower Upper
106 100
91 201.9 160.7 241.1

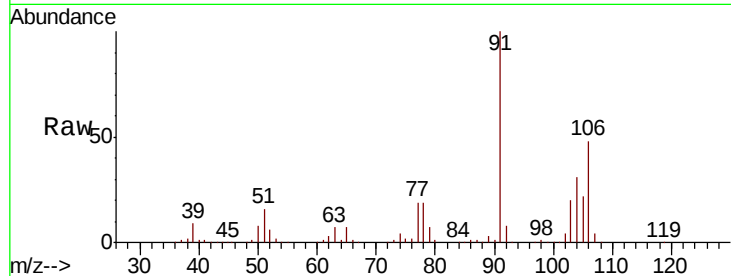




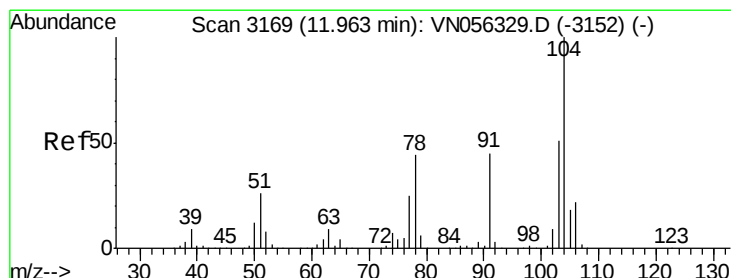
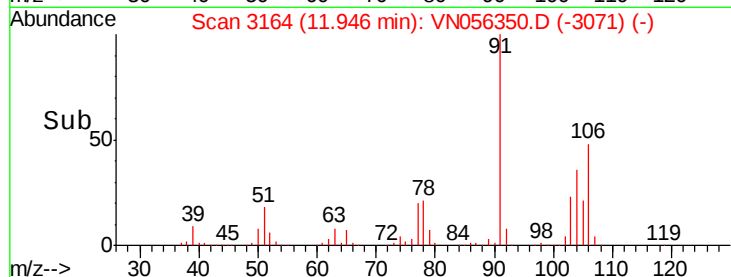
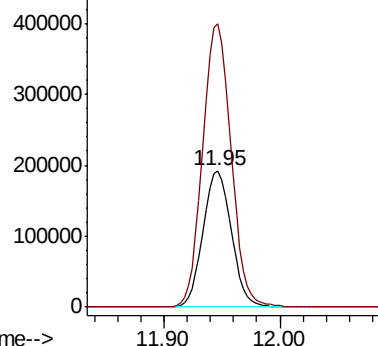
#69
o-Xylene
Concen: 51.237 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 325256
Ion Ratio Lower Upper
106 100
91 207.9 105.6 316.7

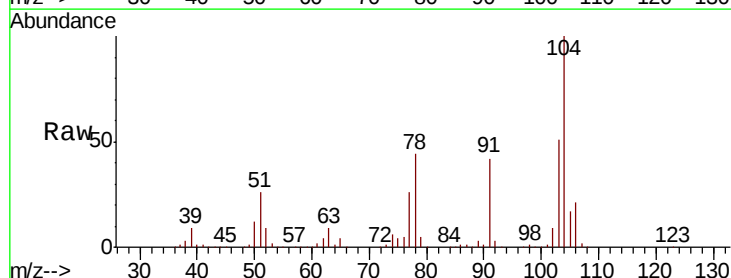


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

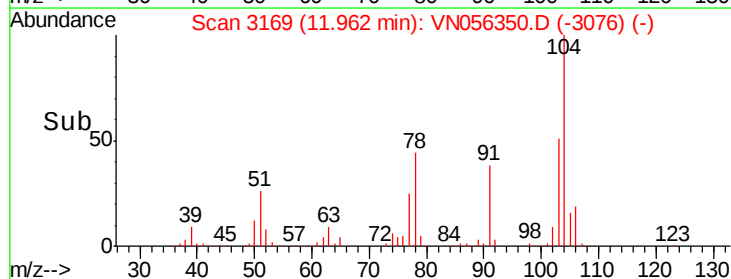
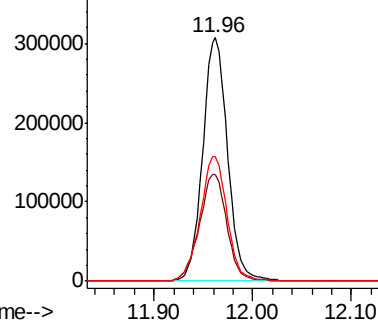


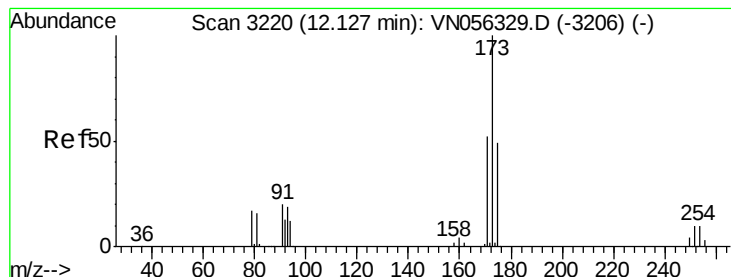
#70
Styrene
Concen: 52.835 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion:104 Resp: 541503
Ion Ratio Lower Upper
104 100
78 48.4 38.4 57.6
103 55.5 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 44.099 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

ClientSampled :

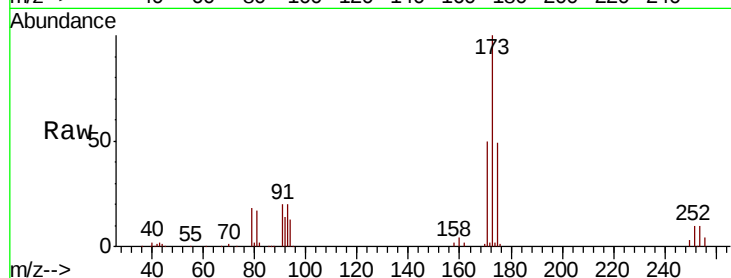
Tot Ion:173 Resp: 128609

Ion Ratio Lower Upper

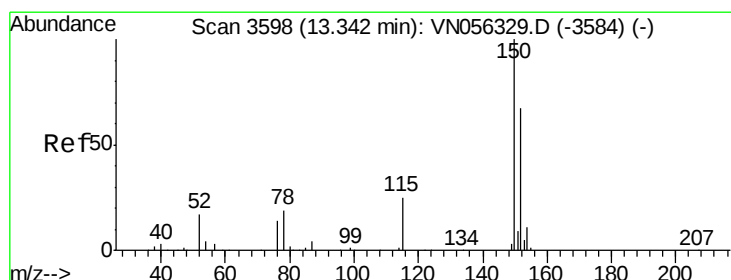
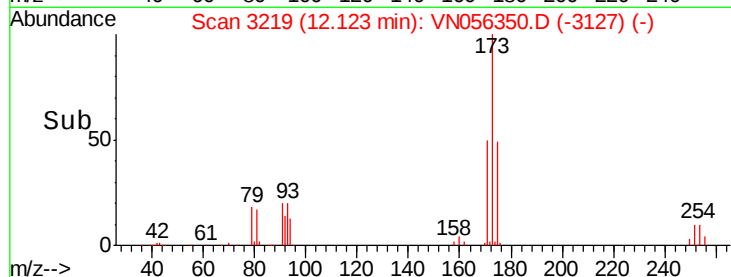
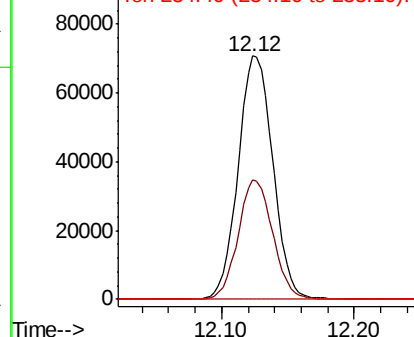
173 100

175 48.8 24.3 73.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

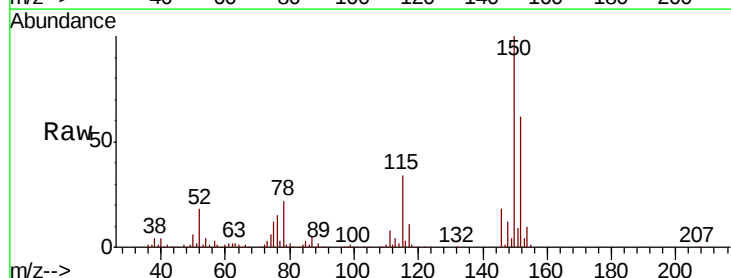
Tgt Ion:152 Resp: 223441

Ion Ratio Lower Upper

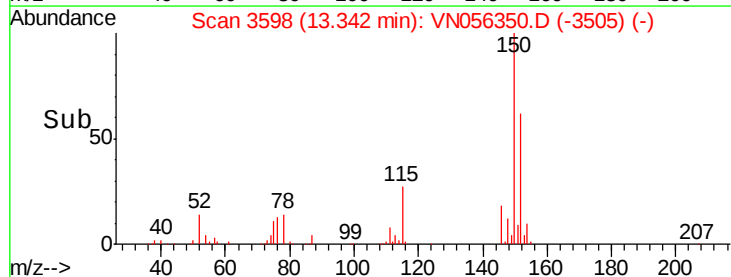
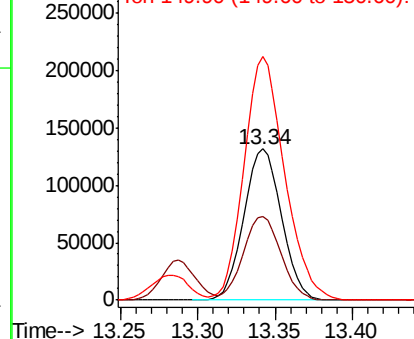
152 100

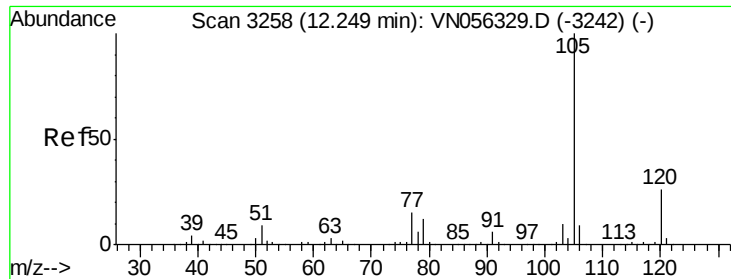
115 55.3 27.8 83.3

150 173.5 0.0 345.8



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: 51.815 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

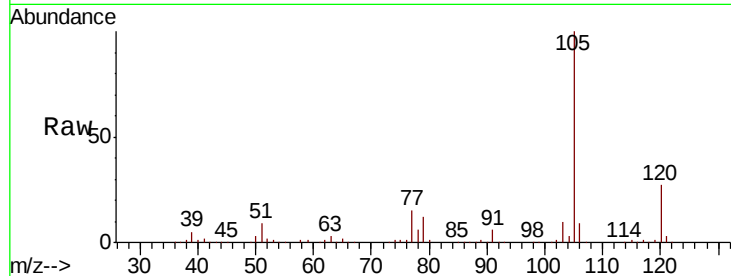
ClientSampleId :

Tot Ion:105 Resp: 856418

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

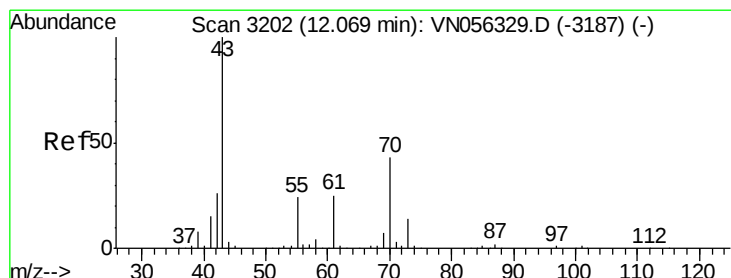
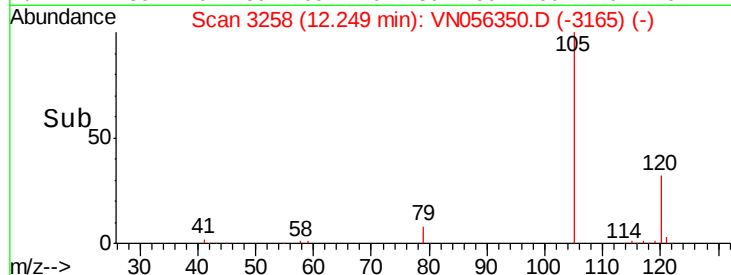
0

12.25

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 44.120 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Tgt Ion: 43 Resp: 309798

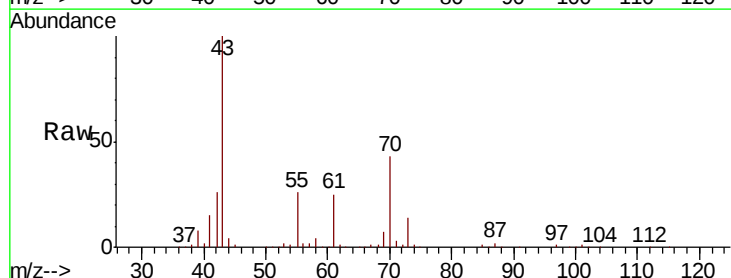
Ion Ratio Lower Upper

43 100

70 43.4 34.2 51.2

55 26.2 19.9 29.9

61 24.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

250000

200000

150000

100000

50000

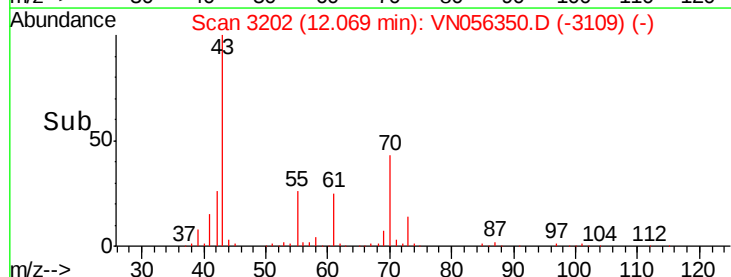
0

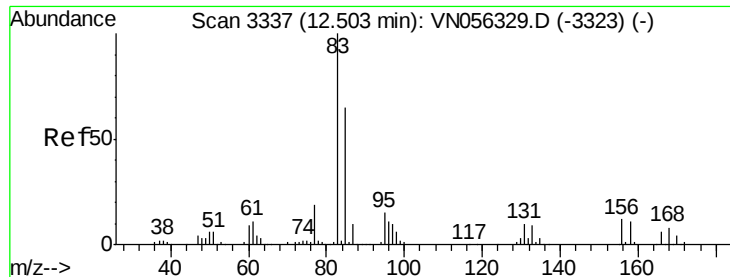
12.07

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.348 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

ClientSampleId :

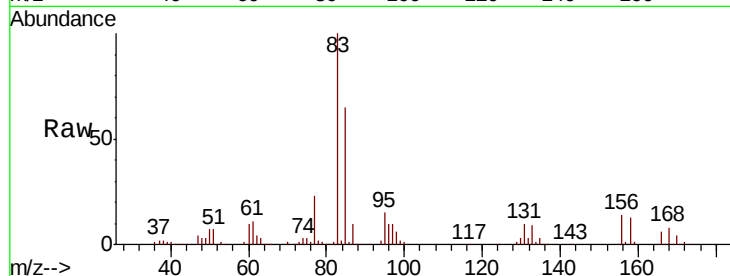
Tot Ion: 83 Resp: 256277

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

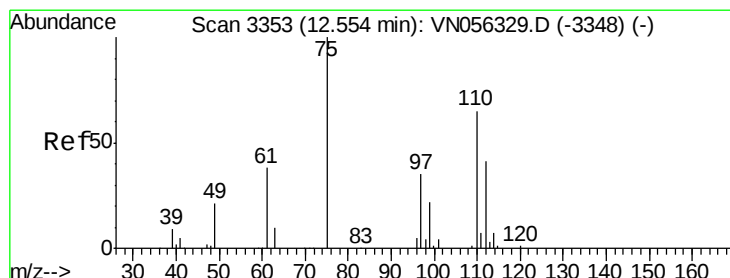
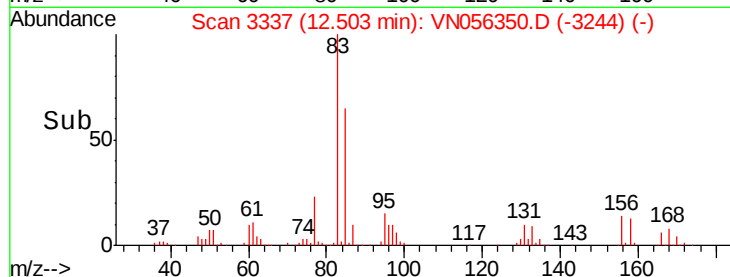
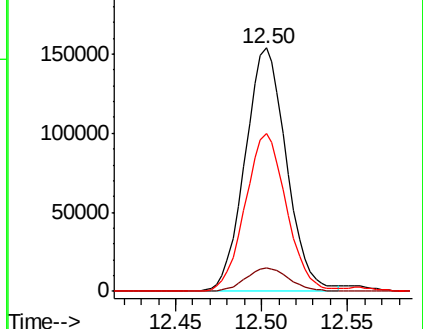
85 64.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN056329.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN056329.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN056329.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 63.623 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN056350.D

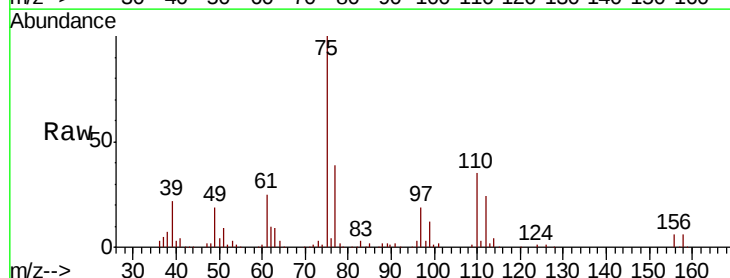
Acq: 18 Jun 2019 8:50

Tgt Ion: 75 Resp: 303730

Ion Ratio Lower Upper

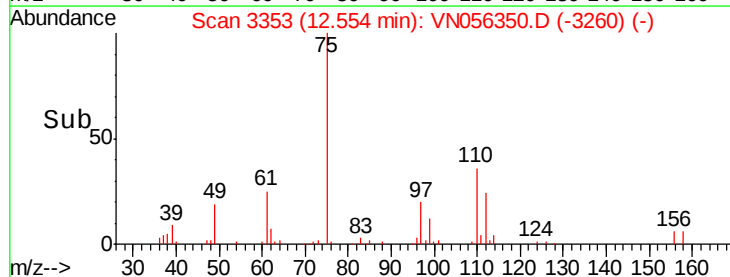
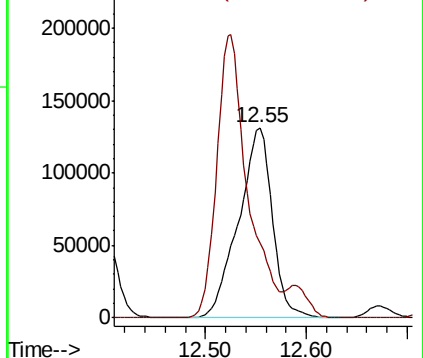
75 100

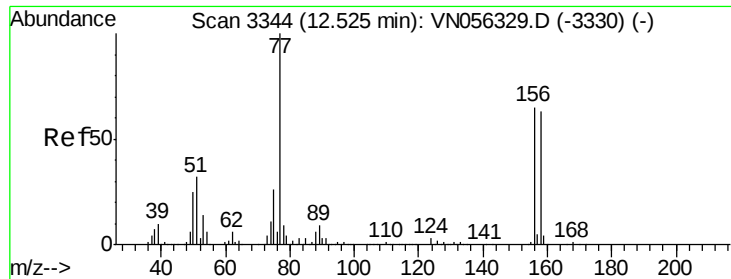
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056329.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN056329.D (-3348) (-)





#77

Bromobenzene

Concen: 50.314 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

ClientSampled :

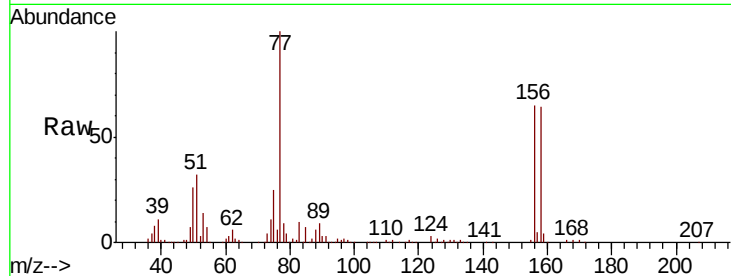
Tot Ion:156 Resp: 222944

Ion Ratio Lower Upper

156 100

77 187.6 92.9 278.7

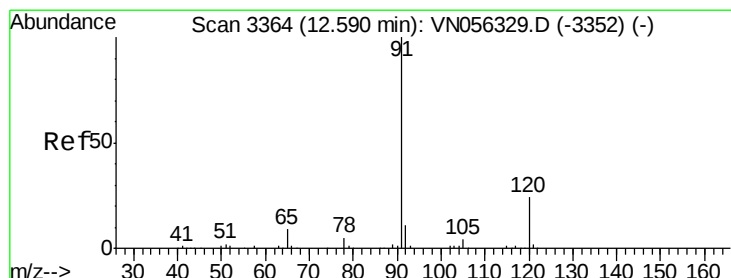
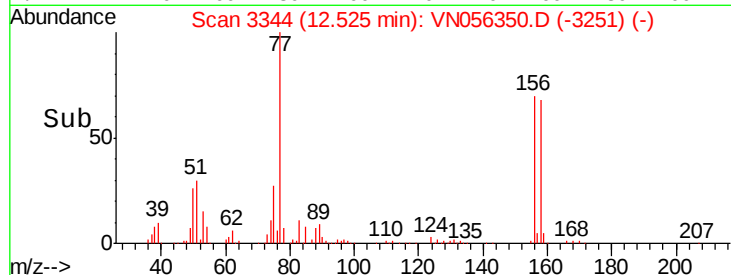
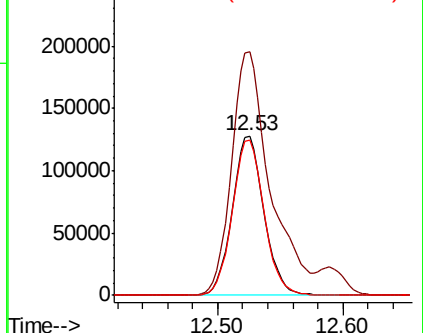
158 98.0 49.0 147.2



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: 47.621 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056350.D

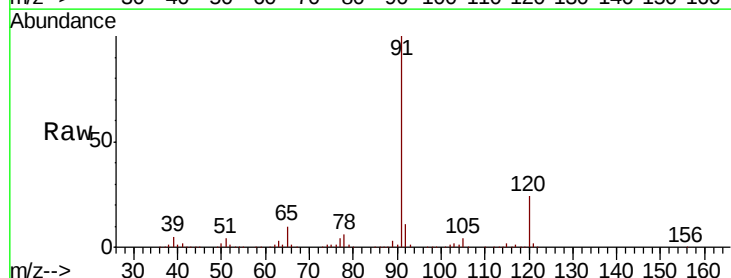
Acq: 18 Jun 2019 8:50

Tgt Ion: 91 Resp: 955126

Ion Ratio Lower Upper

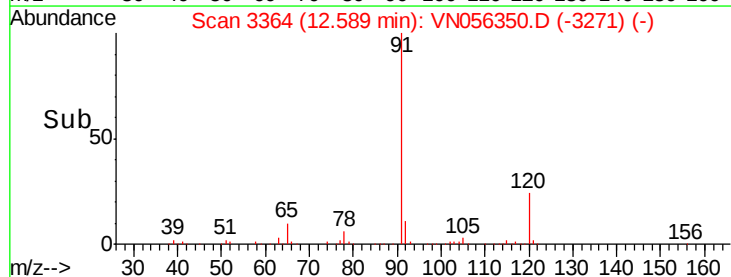
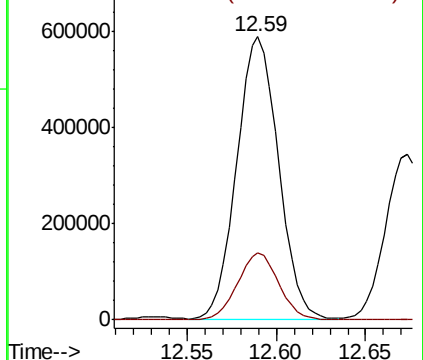
91 100

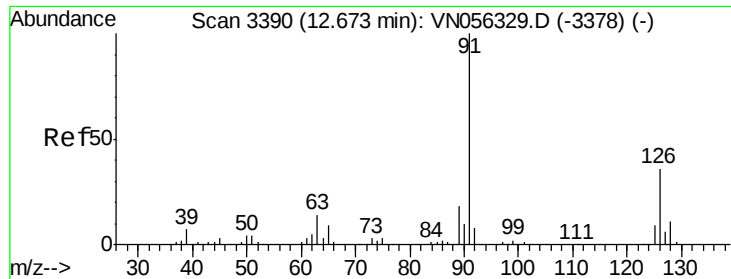
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

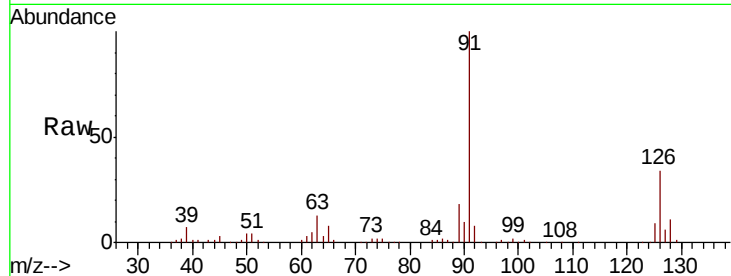




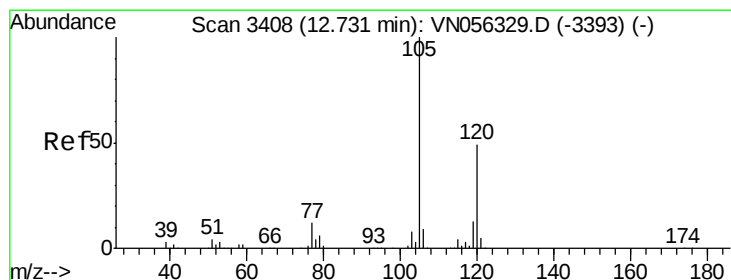
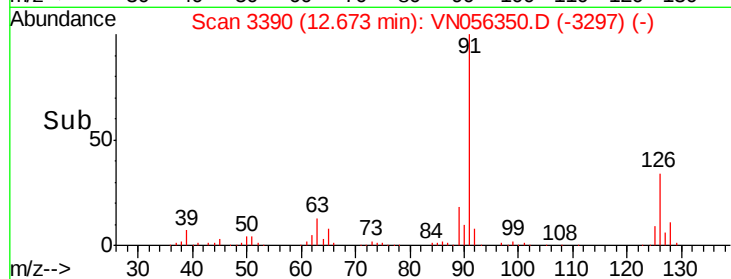
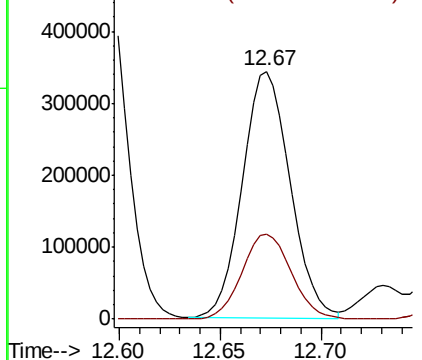
#79
 2-Chlorotoluene
 Concen: 51.738 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 570507
 Ion Ratio Lower Upper
 91 100
 126 35.7 18.0 54.0

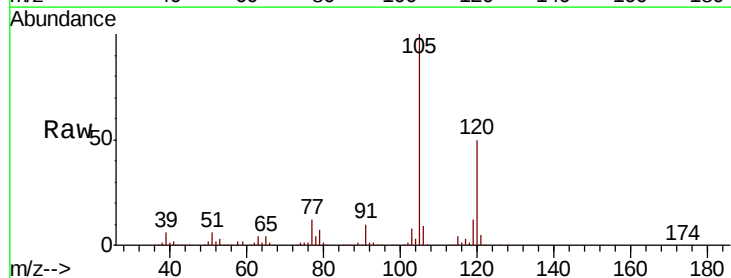


Abundance Ion 91.00 (90.70 to 91.70): VN056329.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN056329.D (-3378) (-)

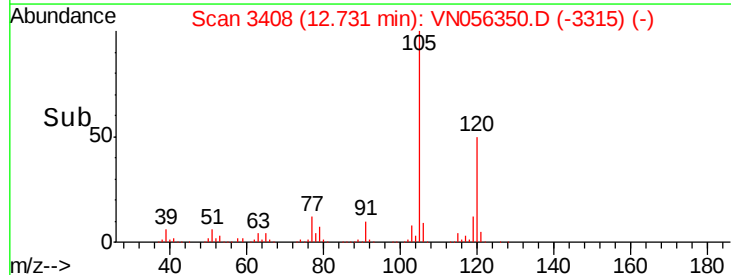
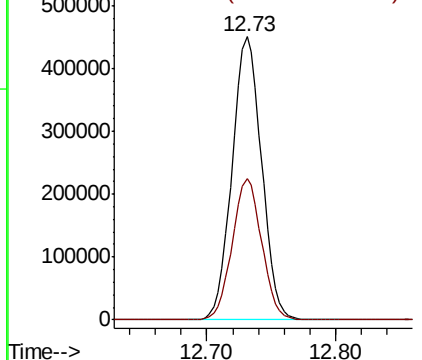


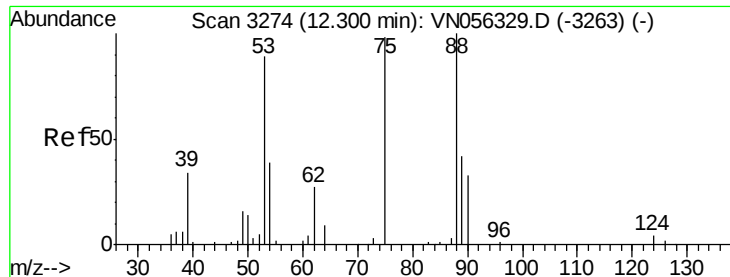
#80
 1,3,5-Trimethylbenzene
 Concen: 45.828 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Tgt Ion: 105 Resp: 714394
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VN056329.D (-3393) (-)
 Ion 120.00 (119.70 to 120.70): VN056329.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.302 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

ClientSampleId :

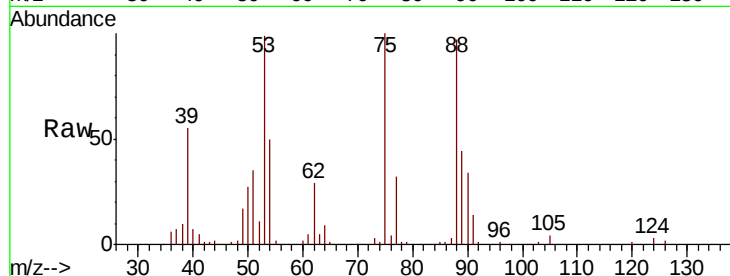
Tot Ion: 75 Resp: 63463

Ion Ratio Lower Upper

75 100

53 101.0 73.5 110.3

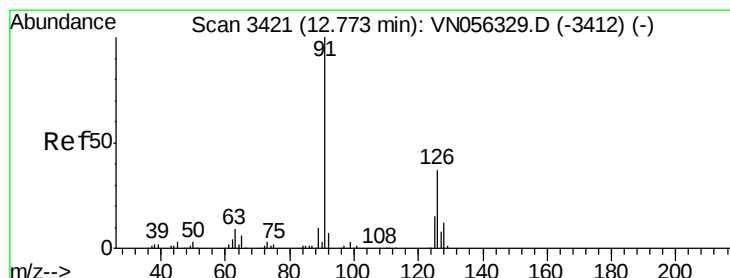
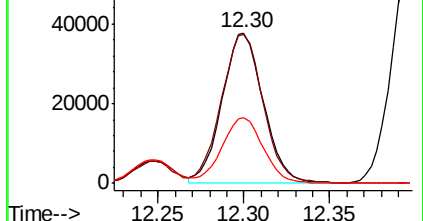
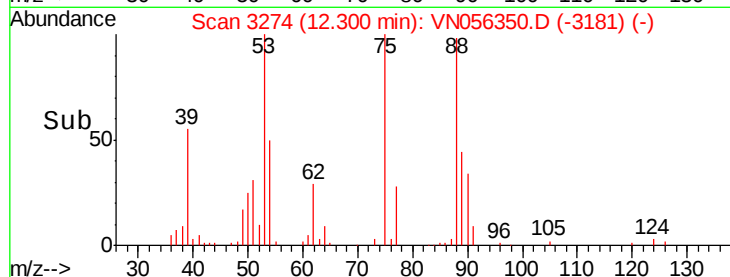
89 43.5 35.4 53.2



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: 47.626 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056350.D

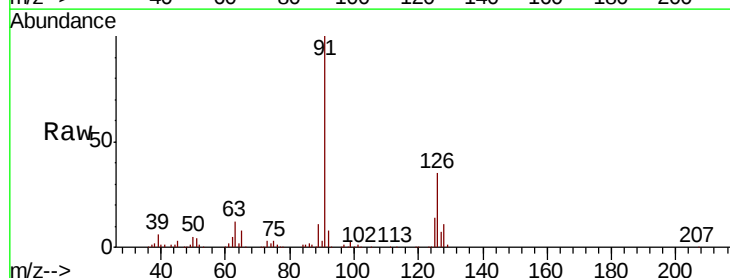
Acq: 18 Jun 2019 8:50

Tgt Ion: 91 Resp: 560712

Ion Ratio Lower Upper

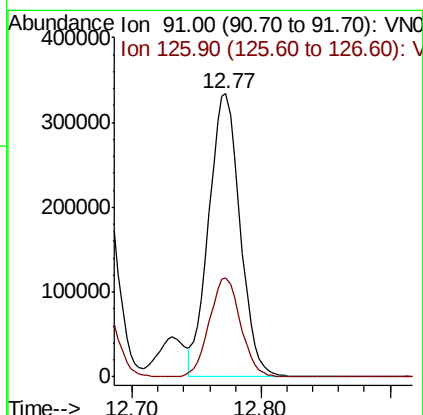
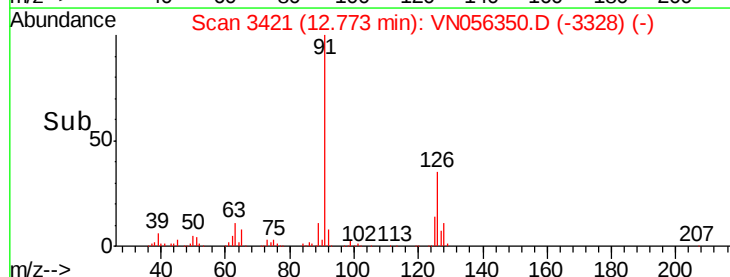
91 100

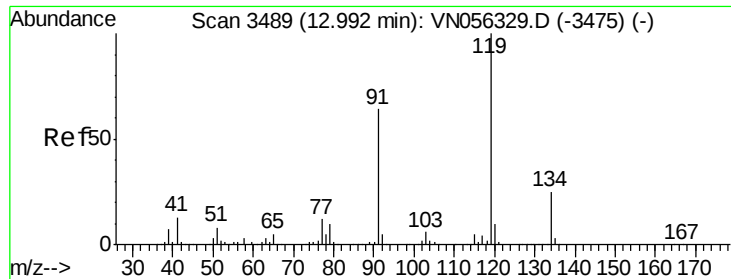
126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

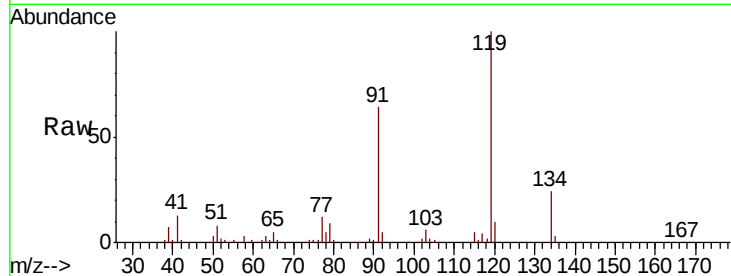




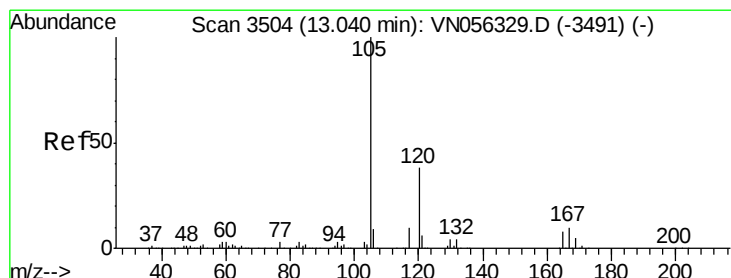
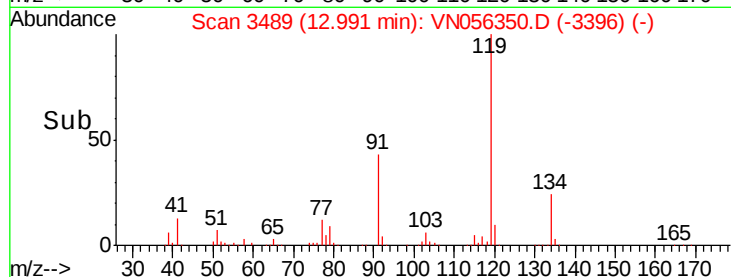
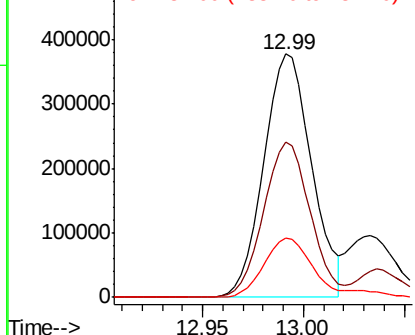
#83
tert-Butylbenzene
Concen: 52.003 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 622655
Ion Ratio Lower Upper
119 100
91 62.4 31.5 94.5
134 26.4 13.6 40.7

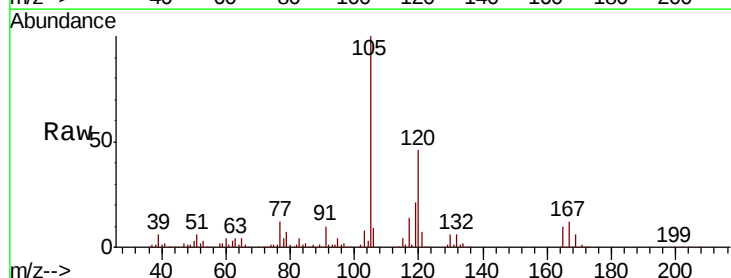


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

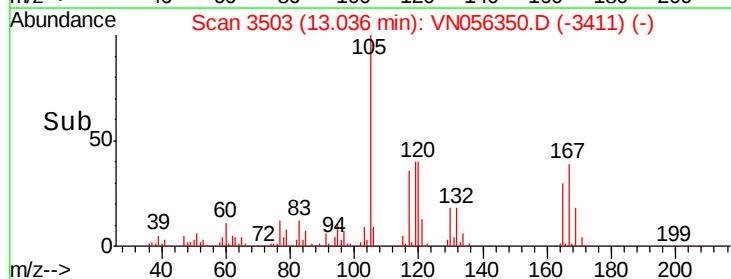
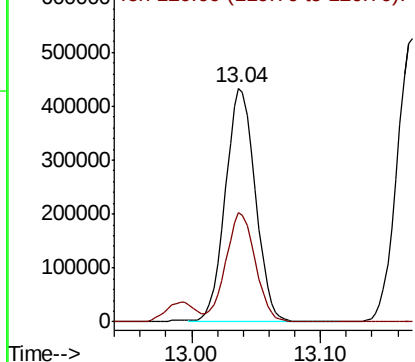


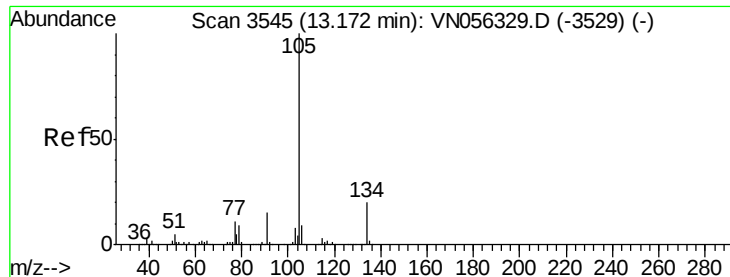
#84
1,2,4-Trimethylbenzene
Concen: 48.095 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056350.D
Acq: 18 Jun 2019 8:50

Tgt Ion:105 Resp: 698152
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.154 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

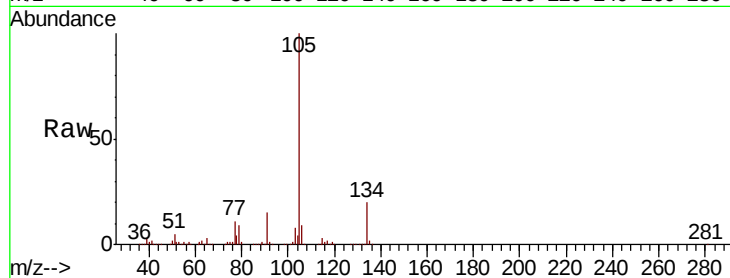
ClientSampleId :

Tot Ion:105 Resp: 829482

Ion Ratio Lower Upper

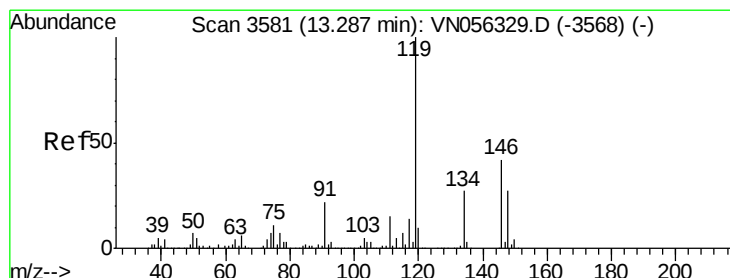
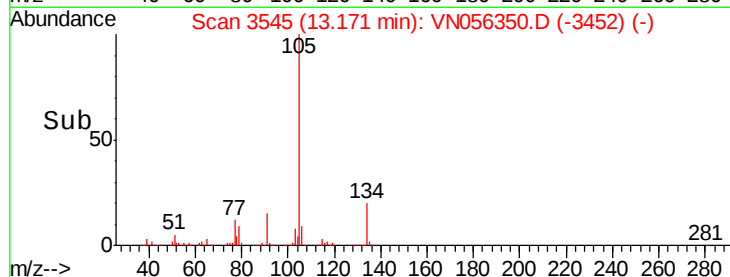
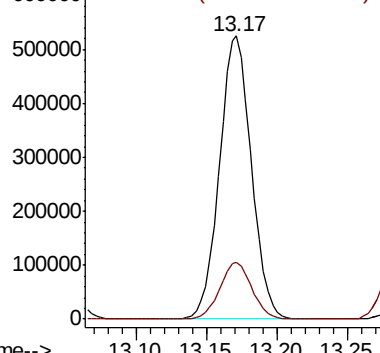
105 100

134 20.1 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.632 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

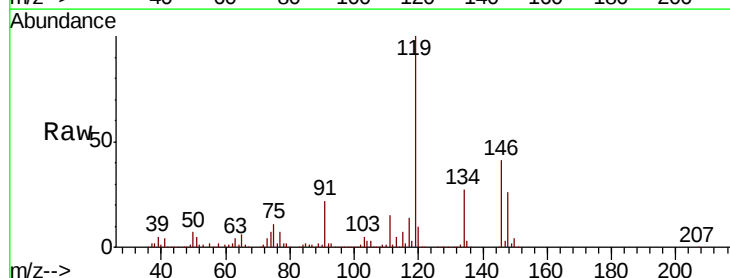
Tgt Ion:119 Resp: 747346

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

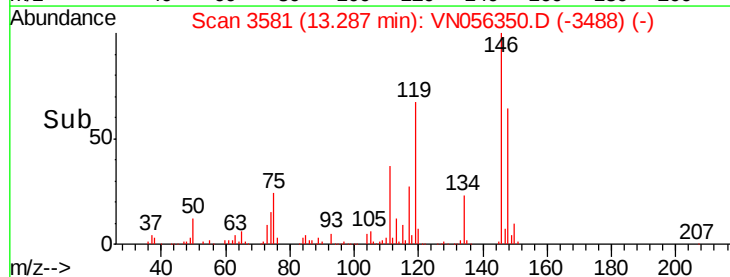
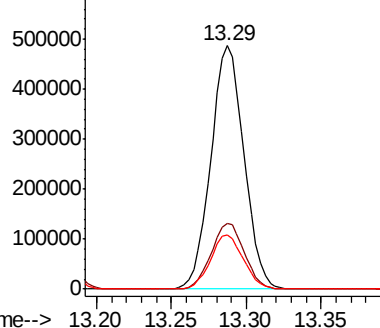
91 22.2 11.0 33.0

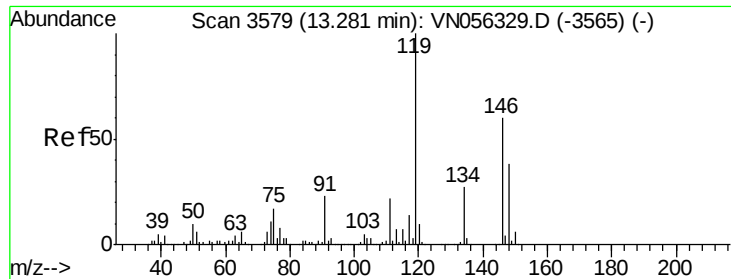


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

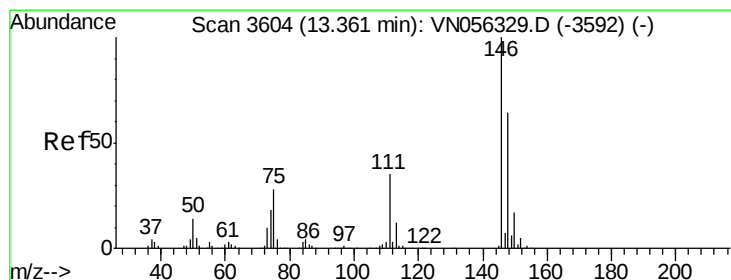
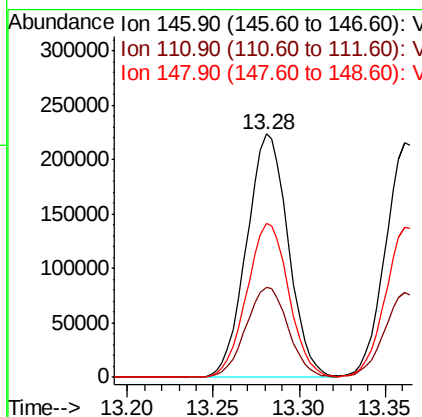
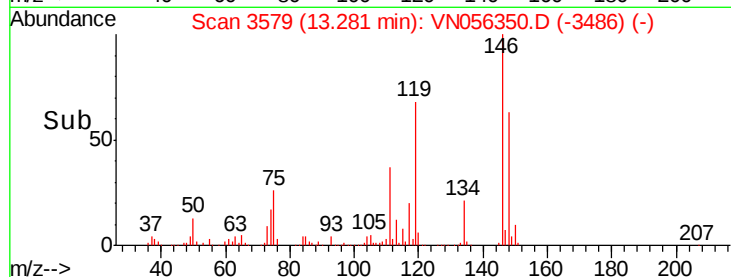
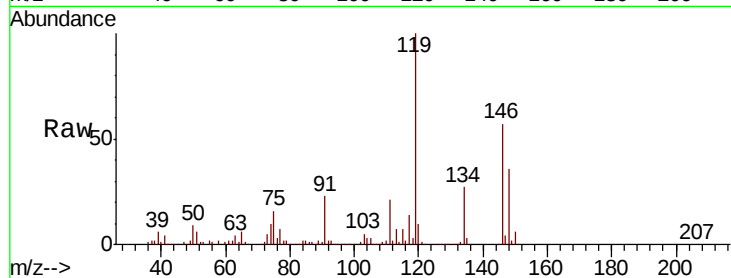




#87
 1,3-Dichlorobenzene
 Concen: 49.282 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

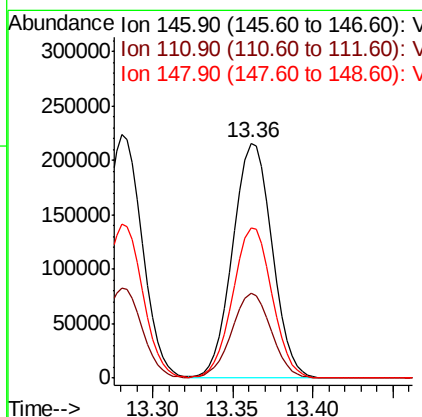
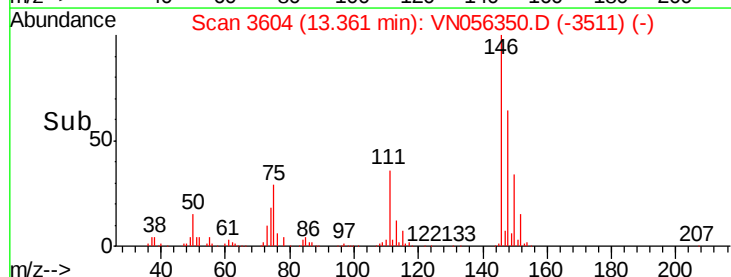
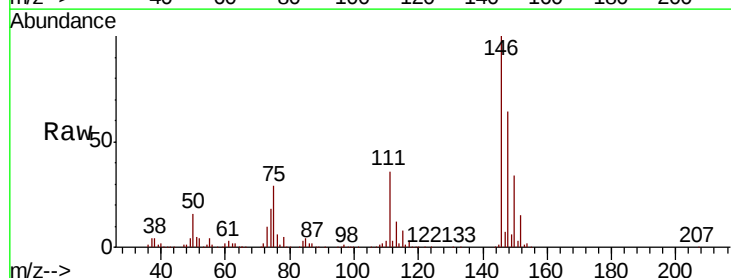
Instrument :
 MSVOA_N
 ClientSampleId :

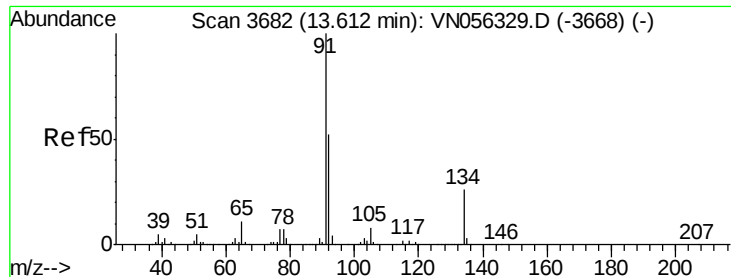
Tot Ion:146 Resp: 374800
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.7
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.519 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Tgt Ion:146 Resp: 361875
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.1
 148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 52.721 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

ClientSampled :

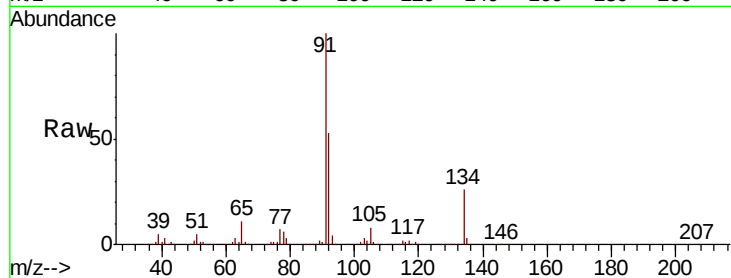
Tot Ion: 91 Resp: 593530

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

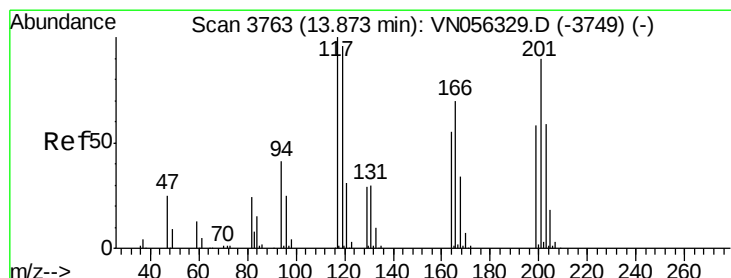
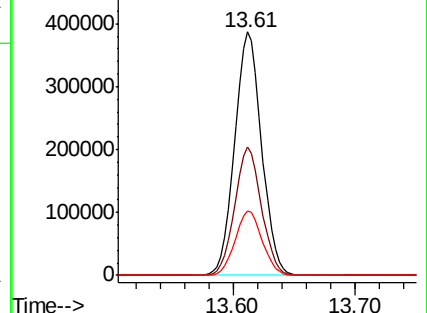
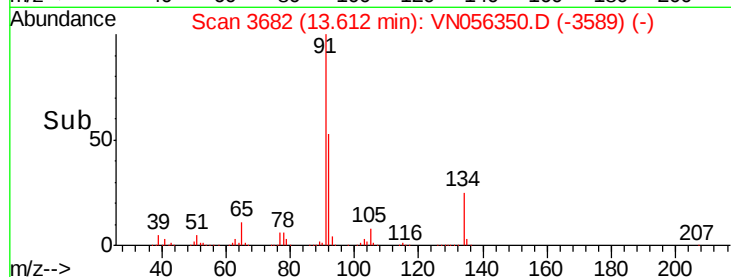
134 26.7 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VN056350.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN056350.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN056350.D (-3589) (-)



#90

Hexachloroethane

Concen: 44.354 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056350.D

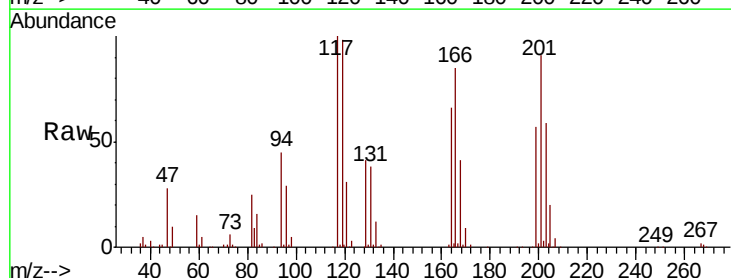
Acq: 18 Jun 2019 8:50

Tgt Ion: 117 Resp: 113566

Ion Ratio Lower Upper

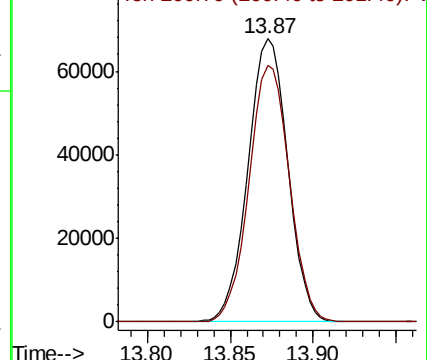
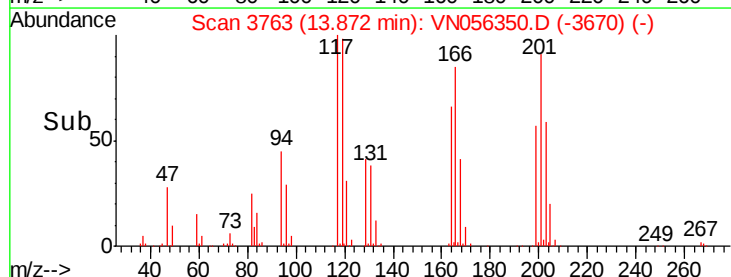
117 100

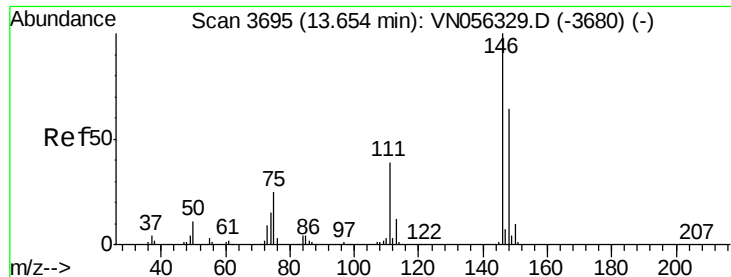
201 91.7 45.8 137.3



Abundance Ion 116.80 (116.50 to 117.50): VN056350.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN056350.D (-3670) (-)





#91

1,2-Dichlorobenzene

Concen: 49.395 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

ClientSampled :

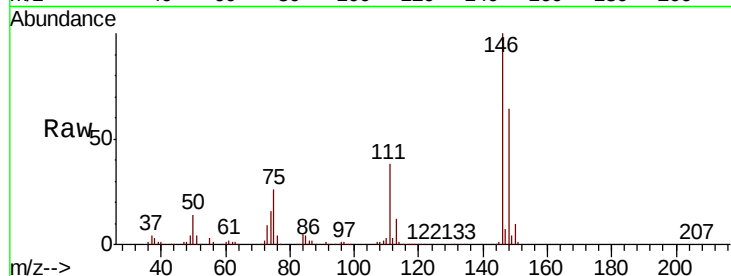
Tot Ion:146 Resp: 367853

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 64.3 32.4 97.2

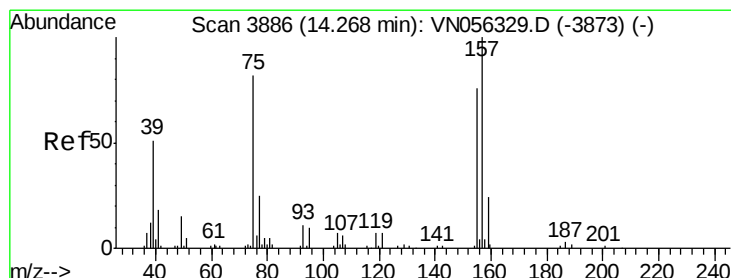
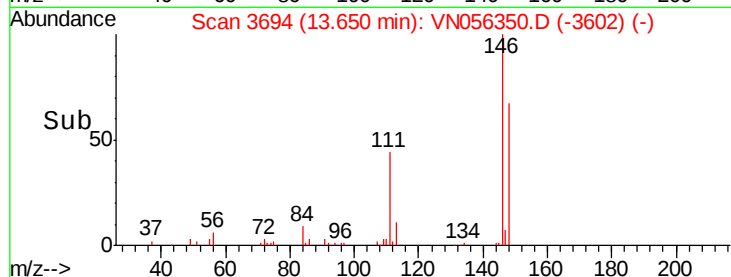
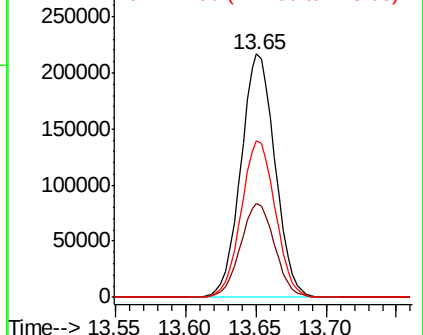


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.553 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

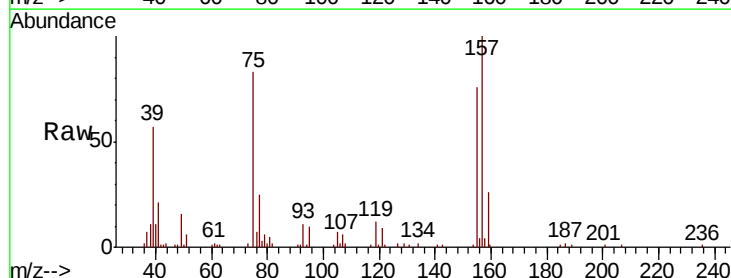
Tgt Ion: 75 Resp: 40118

Ion Ratio Lower Upper

75 100

155 94.2 47.8 143.4

157 123.6 62.8 188.5

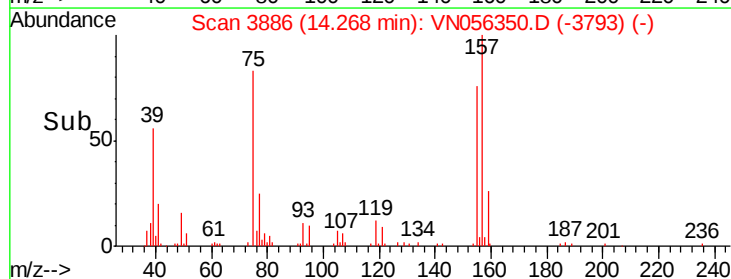
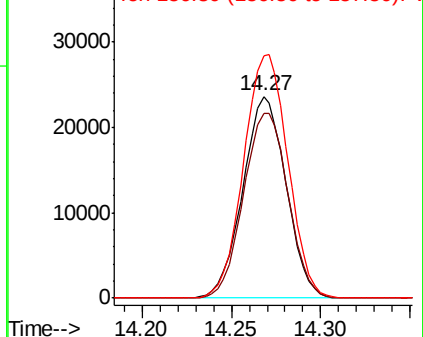


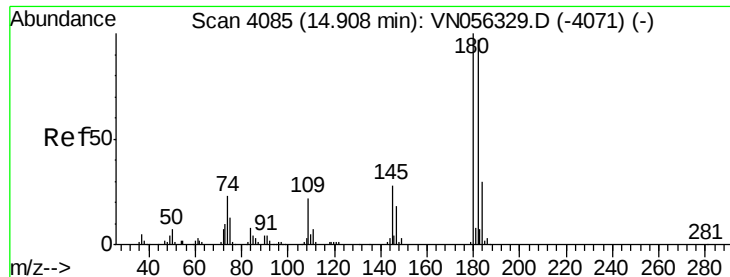
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

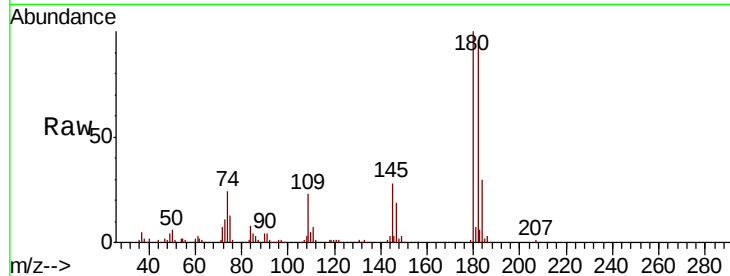




#93
 1,2,4-Trichlorobenzene
 Concen: 43.827 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	28.4	14.0	41.9

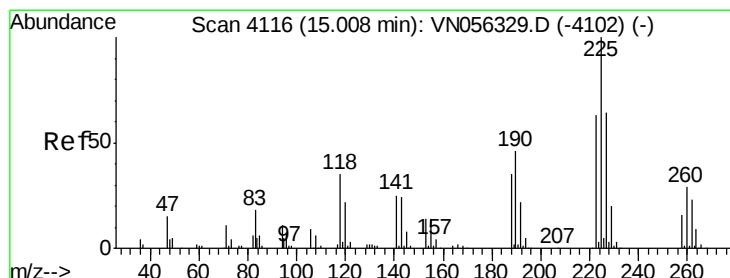
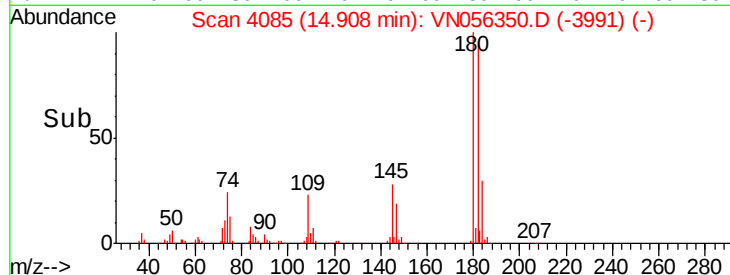
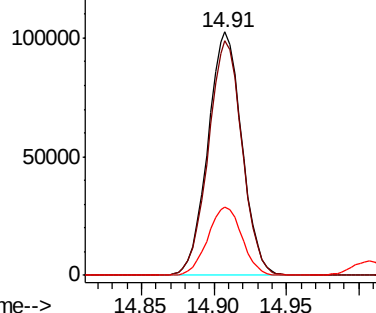


Abundance

Ion 179.80 (179.50 to 180.50): V

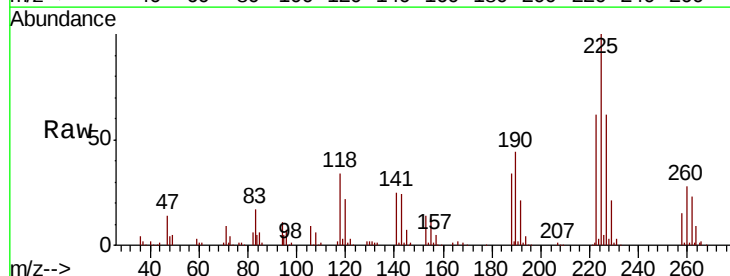
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 54.320 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056350.D
 Acq: 18 Jun 2019 8:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.2	93.6
227	62.7	31.7	95.1

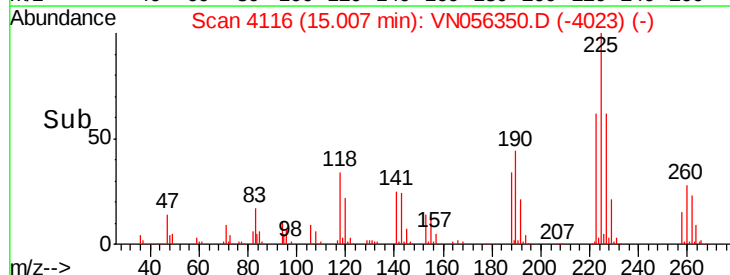
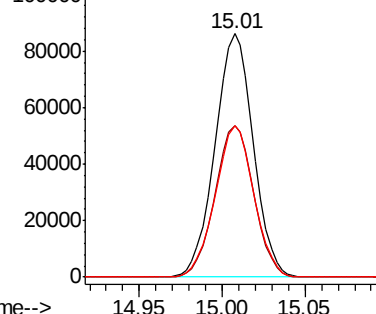


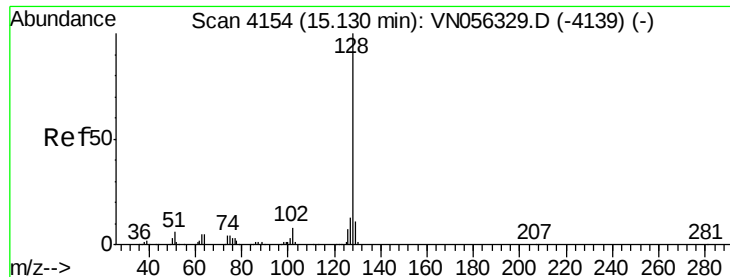
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 42.540 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

Instrument :

MSVOA_N

ClientSampleId :

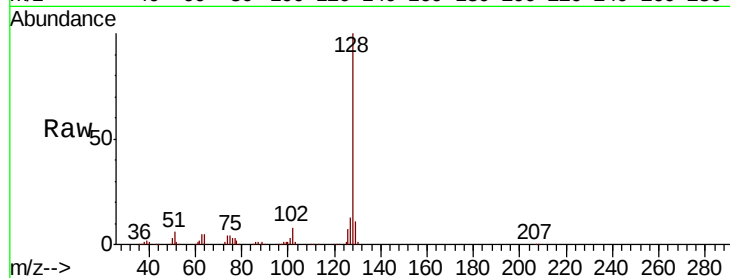
Tot Ion:128 Resp: 427002

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

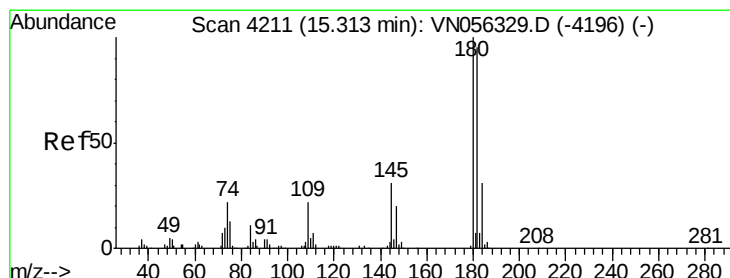
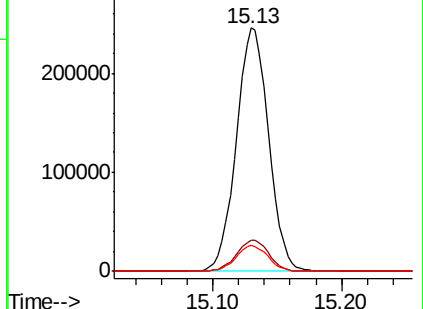
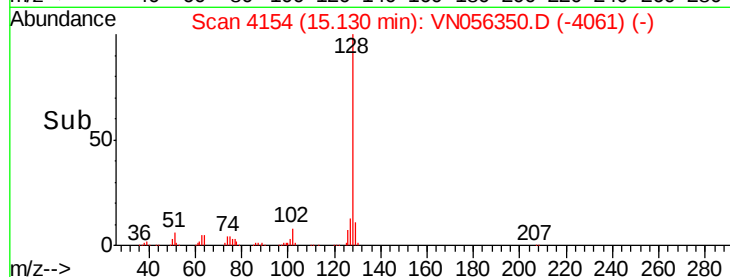
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.704 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056350.D

Acq: 18 Jun 2019 8:50

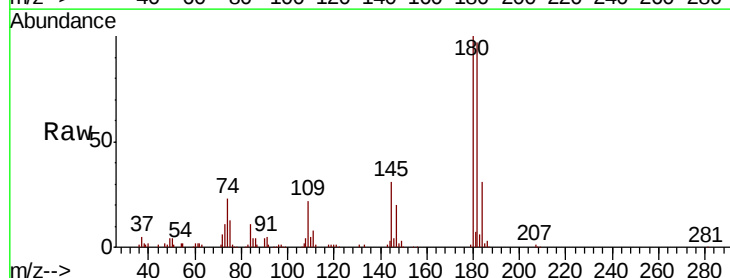
Tgt Ion:180 Resp: 179466

Ion Ratio Lower Upper

180 100

182 96.5 47.1 141.4

145 30.8 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

