

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055544.D
 Acq On : 10 May 2019 11:56
 Operator : JC/SP
 Sample : VN0510WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS02

Quant Time: May 11 00:55:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	710171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1245321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1056188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	411766	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	520410	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
35) Dibromofluoromethane	7.59	113	396929	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	10.09	98	1541337	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.40	95	506705	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	135216	18.701	ug/l	98
3) Chloromethane	2.06	50	214759	18.283	ug/l	97
4) Vinyl Chloride	2.19	62	211278	19.054	ug/l	98
5) Bromomethane	2.54	94	90658	14.922	ug/l	99
6) Chloroethane	2.69	64	132265	20.479	ug/l	98
7) Trichlorofluoromethane	3.01	101	247716	20.364	ug/l	98
8) Diethyl Ether	3.41	74	111833	20.471	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	152535	19.709	ug/l	99
10) Methyl Iodide	3.94	142	129693	12.399	ug/l	100
11) Tert butyl alcohol	4.81	59	149269	94.546	ug/l	98
12) 1,1-Dichloroethene	3.73	96	154050	19.847	ug/l	97
13) Acrolein	3.61	56	96553	91.762	ug/l	98
14) Allyl chloride	4.32	41	306139	19.255	ug/l	99
15) Acrylonitrile	5.00	53	475138	97.191	ug/l	99
16) Acetone	3.82	43	443545	89.585	ug/l	98
17) Carbon Disulfide	4.05	76	402036	18.978	ug/l	99
18) Methyl Acetate	4.33	43	205496	19.095	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	510592	19.797	ug/l	99
20) Methylene Chloride	4.55	84	196301	19.389	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	169629	20.157	ug/l	93
22) Diisopropyl ether	5.96	45	637884	19.743	ug/l	95
23) Vinyl Acetate	5.90	43	2491480	99.711	ug/l	100
24) 1,1-Dichloroethane	5.85	63	346181	19.848	ug/l	100
25) 2-Butanone	6.84	43	650855	95.164	ug/l	98
26) 2,2-Dichloropropane	6.82	77	224530	20.651	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	202359	20.807	ug/l	99
28) Bromochloromethane	7.20	49	183269	20.233	ug/l	95
29) Tetrahydrofuran	7.22	42	435446	96.309	ug/l	100
30) Chloroform	7.37	83	326606	20.256	ug/l	99
31) Cyclohexane	7.65	56	323002	18.717	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	251562	20.488	ug/l	100
36) 1,1-Dichloropropene	7.79	75	241896	19.717	ug/l	99
37) Ethyl Acetate	6.93	43	257659	19.253	ug/l	98
38) Carbon Tetrachloride	7.77	117	204474	19.793	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	280464	18.749	ug/l	98
40) Benzene	8.04	78	761967	20.011	ug/l	98
41) Methacrylonitrile	7.18	41	136263	21.937	ug/l	95
42) 1,2-Dichloroethane	8.13	62	260393	19.465	ug/l	100
43) Isopropyl Acetate	8.17	43	385167	18.944	ug/l	98
44) Trichloroethene	8.84	130	182104	20.100	ug/l	96
45) 1,2-Dichloropropane	9.12	63	216233	19.848	ug/l	98
46) Dibromomethane	9.21	93	126327	20.005	ug/l	98
47) Bromodichloromethane	9.40	83	238273	19.723	ug/l	98
48) Methyl methacrylate	9.20	41	187476	19.138	ug/l	99
49) 1,4-Dioxane	9.20	88	75790	396.954	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1247468	93.289	ug/l	99
52) Toluene	10.16	92	444135	20.403	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	232572	20.044	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	277550	20.018	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	183594	20.816	ug/l	97
56) Ethyl methacrylate	10.43	69	252512	19.248	ug/l	98
57) 1,3-Dichloropropane	10.71	76	316792	20.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	323737	82.149	ug/l	99
59) 2-Hexanone	10.75	43	867504	92.506	ug/l	100
60) Dibromochloromethane	10.90	129	161101	20.090	ug/l	99
61) 1,2-Dibromoethane	11.00	107	169906	20.050	ug/l	98
64) Tetrachloroethene	10.63	164	166317	19.218	ug/l	99
65) Chlorobenzene	11.43	112	447786	20.607	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	157132	21.005	ug/l	99
67) Ethyl Benzene	11.51	91	801323	19.635	ug/l	98
68) m/p-Xylenes	11.62	106	596307	40.715	ug/l	98
69) o-Xylene	11.95	106	291859	20.275	ug/l	99
70) Styrene	11.96	104	476426	20.658	ug/l	100
71) Bromoform	12.13	173	102568	20.318	ug/l #	100
73) Isopropylbenzene	12.25	105	781922	21.607	ug/l	99
74) N-amyl acetate	12.07	43	290150	18.560	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	261284	22.314	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	291402	25.996	ug/l #	100
77) Bromobenzene	12.53	156	178264	19.644	ug/l	97
78) n-propylbenzene	12.59	91	859570	19.463	ug/l	99
79) 2-Chlorotoluene	12.67	91	528290	19.194	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	652613	19.818	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	53625	17.652	ug/l	95
82) 4-Chlorotoluene	12.77	91	501994	19.302	ug/l	98
83) tert-Butylbenzene	12.99	119	551597	19.542	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	599237	19.841	ug/l	98
85) sec-Butylbenzene	13.17	105	722243	19.253	ug/l	100
86) p-Isopropyltoluene	13.29	119	594283	19.465	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	284672	20.302	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	271272	19.603	ug/l	99
89) n-Butylbenzene	13.61	91	420676	17.776	ug/l	99
90) Hexachloroethane	13.87	117	95140	19.103	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	284762	20.319	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36662	19.362	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

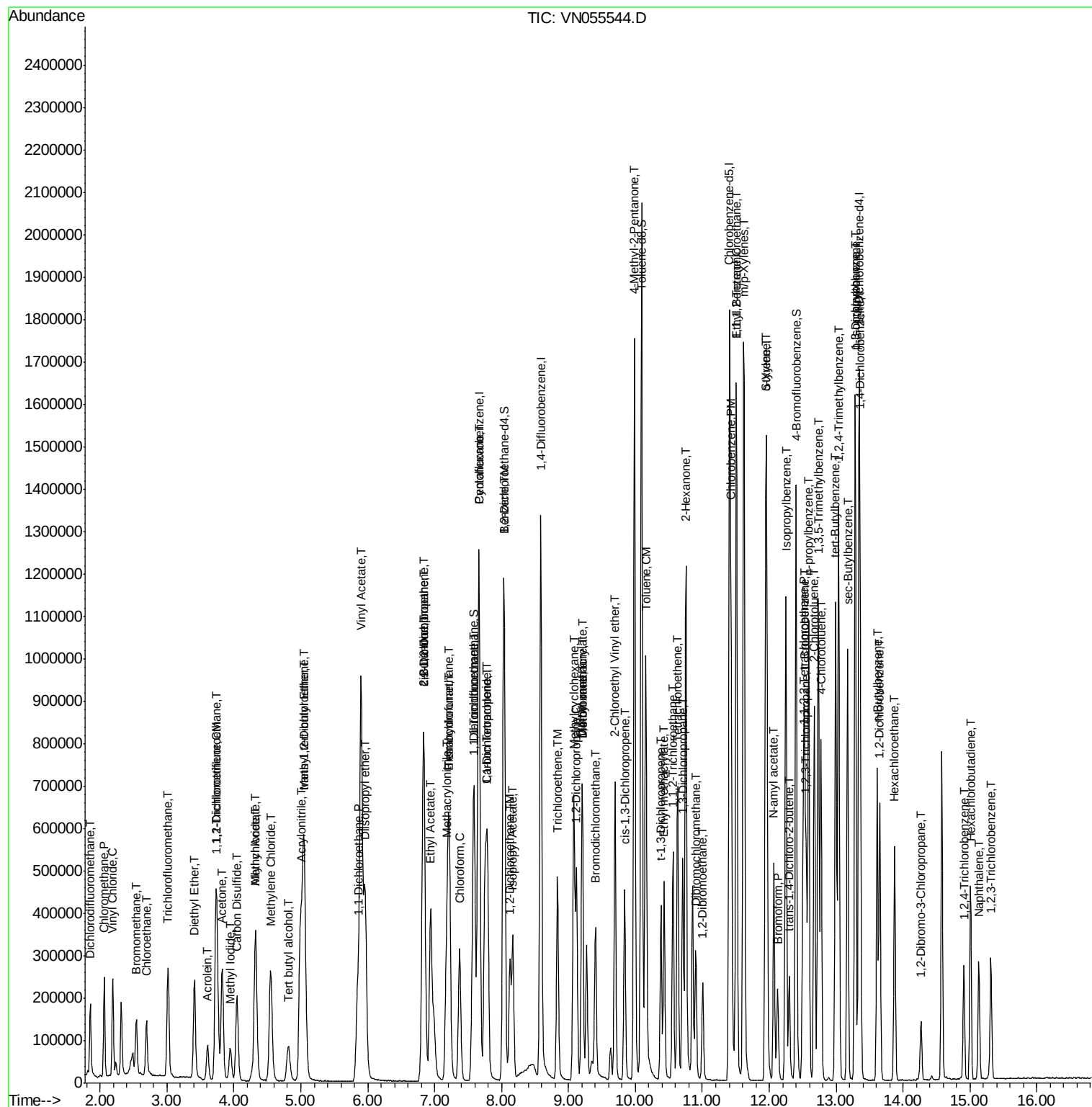
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	86710	16.504	ug/l	97
94) Hexachlorobutadiene	15.01	225	91267	20.639	ug/l	99
95) Naphthalene	15.13	128	236773	15.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	98078	16.547	ug/l	99

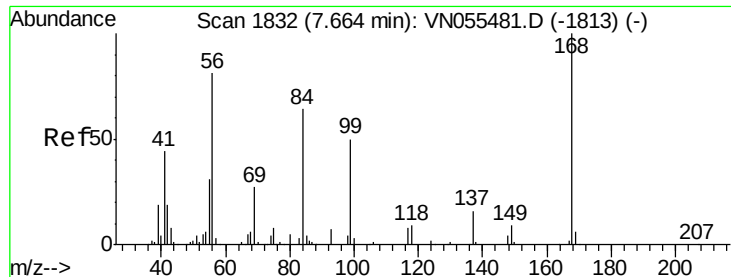
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

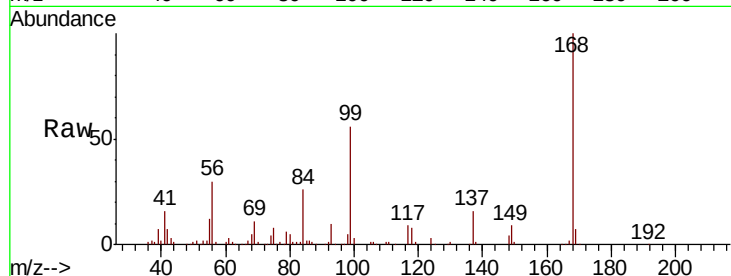
VN0510WBS02

Tot Ion:168 Resp: 710171

Ion Ratio Lower Upper

168 100

99 54.7 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): VN055544.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055544.D (-1739) (-)

7.67

300000

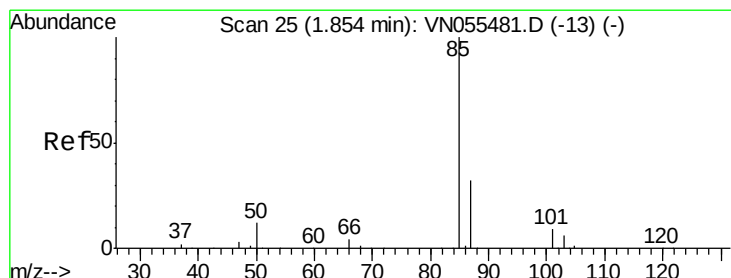
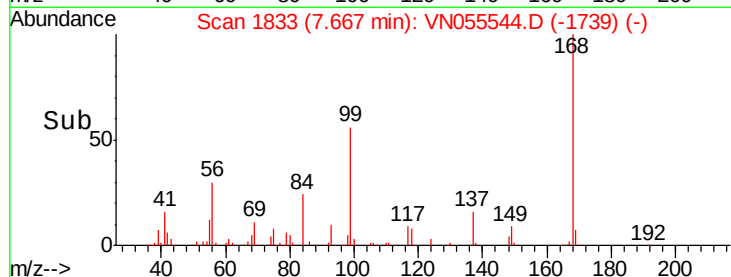
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.701 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN055544.D

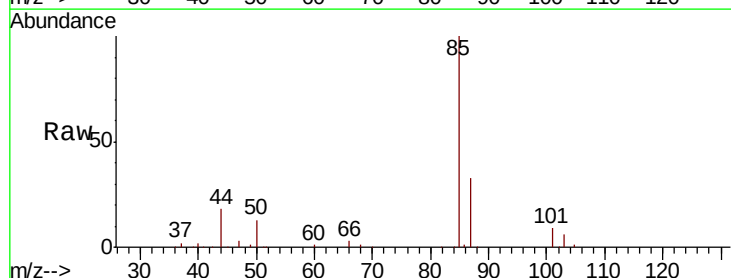
Acq: 10 May 2019 11:56

Tgt Ion: 85 Resp: 135216

Ion Ratio Lower Upper

85 100

87 33.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN055544.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN055544.D (-1) (-)

1.85

100000

80000

60000

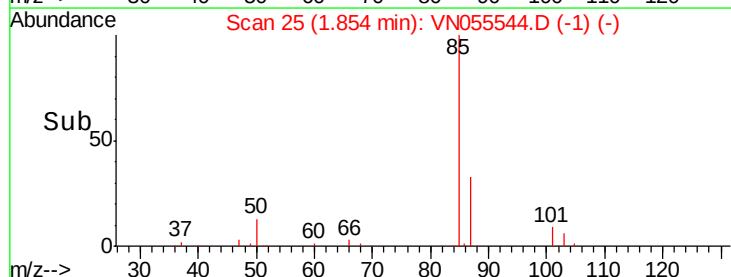
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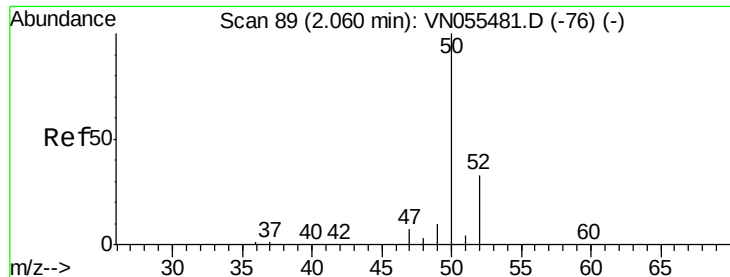
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.283 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

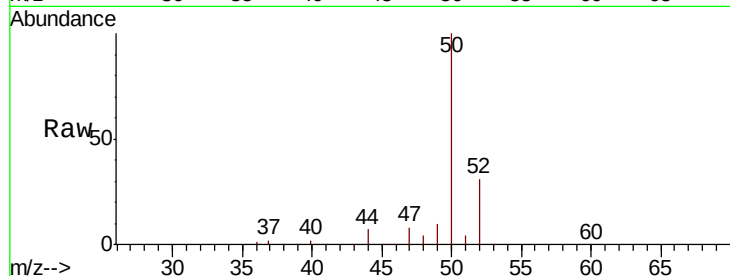
VN0510WBS02

Tot Ion: 50 Resp: 214759

Ion Ratio Lower Upper

50 100

52 31.5 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN055544.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN055544.D (-1) (-)

2.06

150000

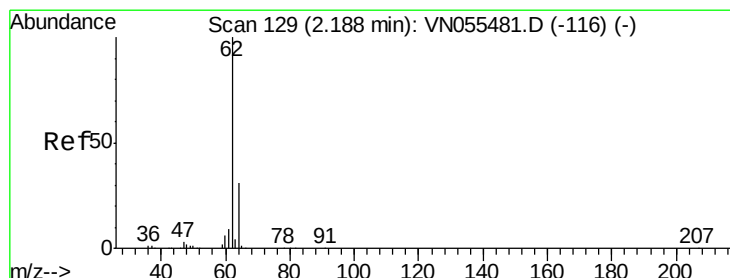
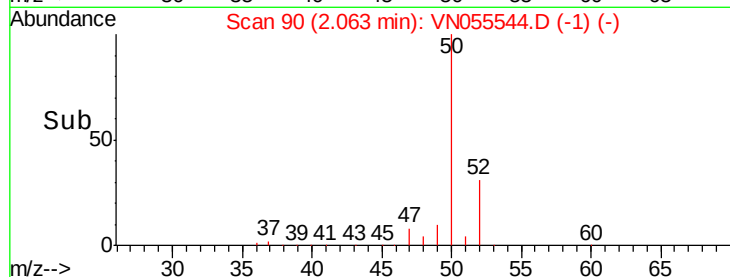
100000

50000

0

2.00 2.05 2.10 2.15

Time-->



#4

Vinyl Chloride

Concen: 19.054 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN055544.D

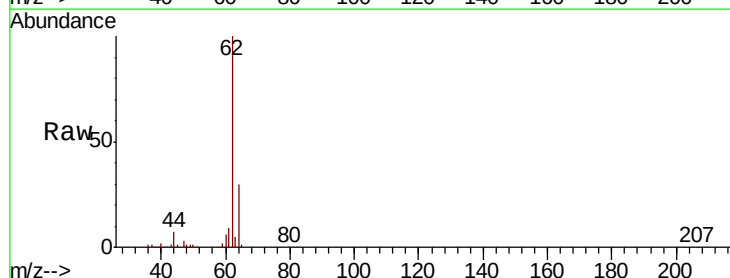
Acq: 10 May 2019 11:56

Tgt Ion: 62 Resp: 211278

Ion Ratio Lower Upper

62 100

64 30.0 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN055544.D (-36) (-)

Ion 63.90 (63.60 to 64.60): VN055544.D (-36) (-)

2.19

150000

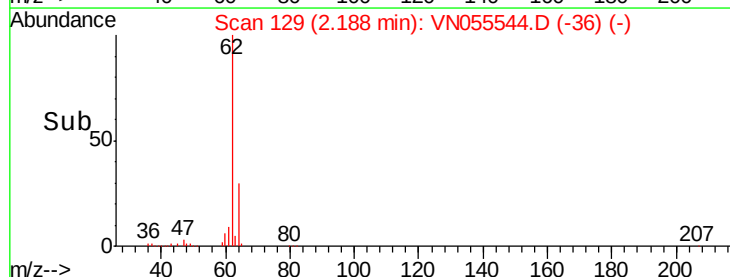
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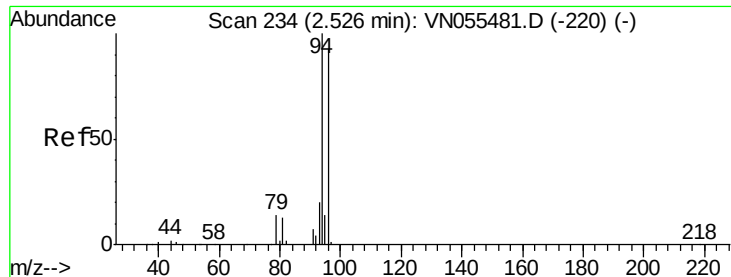
50000

0

2.10 2.15 2.20 2.25 2.30

Time-->





#5

Bromomethane

Concen: 14.922 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.02 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

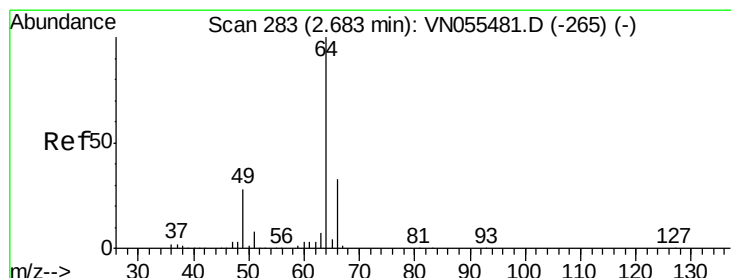
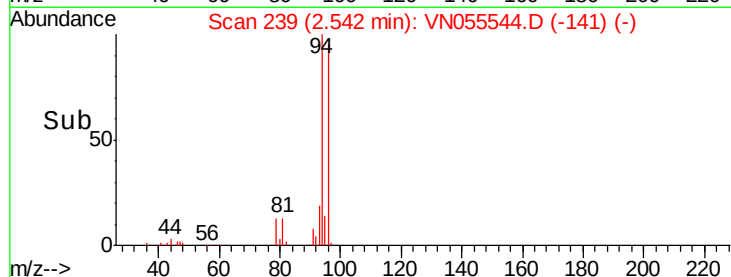
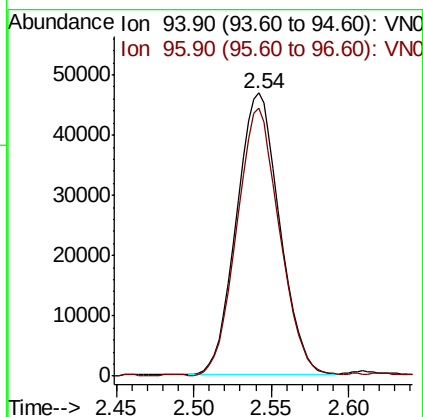
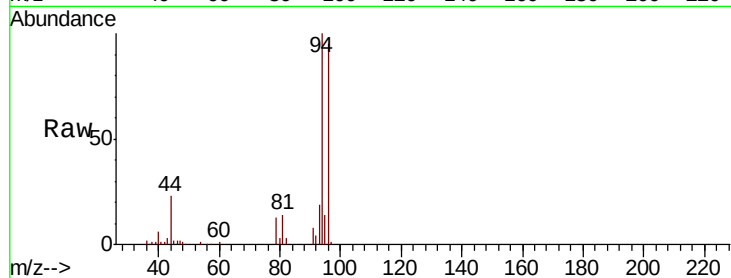
VN0510WBS02

Tot Ion: 94 Resp: 90658

Ion Ratio Lower Upper

94 100

96 94.5 74.8 112.2



#6

Chloroethane

Concen: 20.479 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.01 min

Lab File: VN055544.D

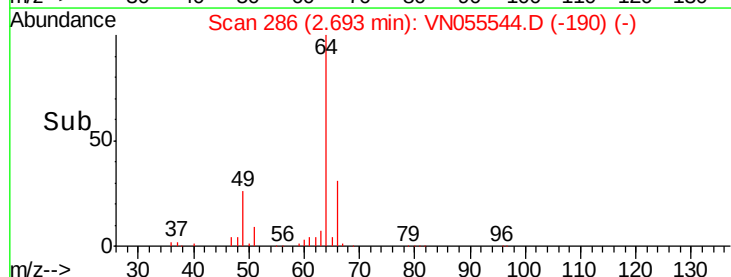
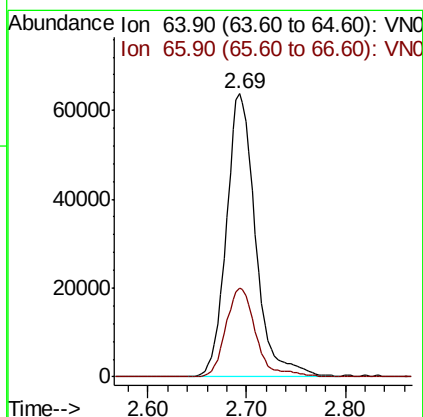
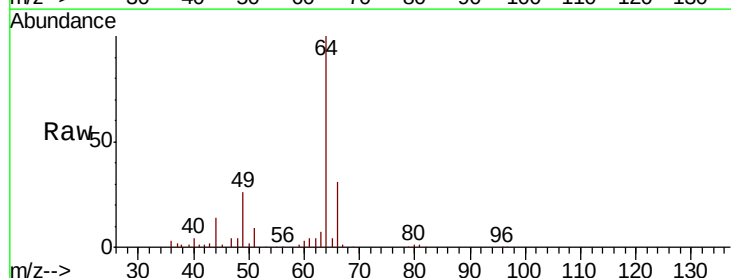
Acq: 10 May 2019 11:56

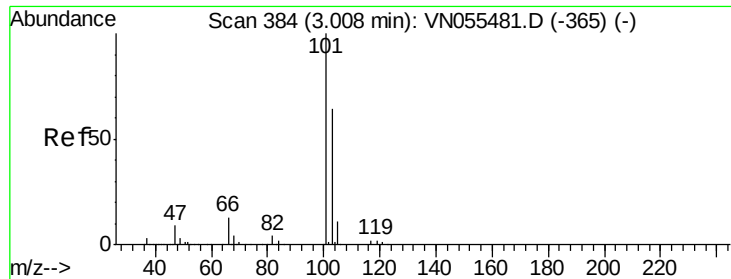
Tgt Ion: 64 Resp: 132265

Ion Ratio Lower Upper

64 100

66 31.4 26.2 39.2



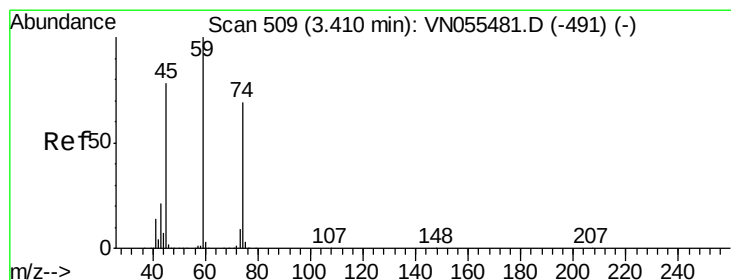
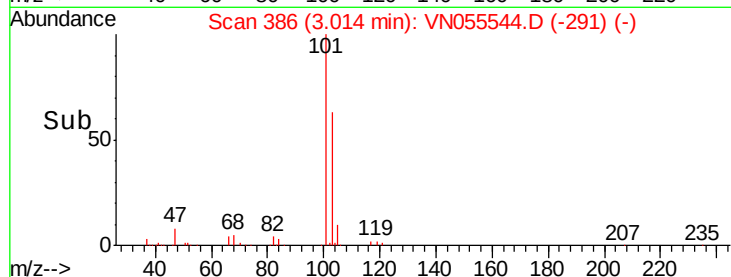
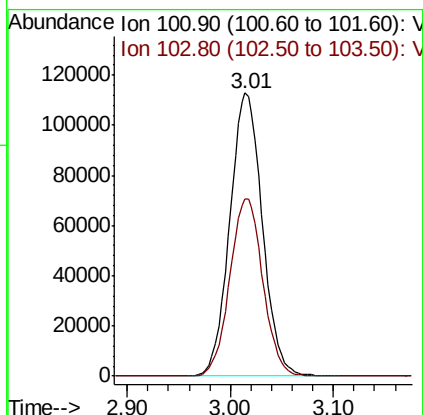
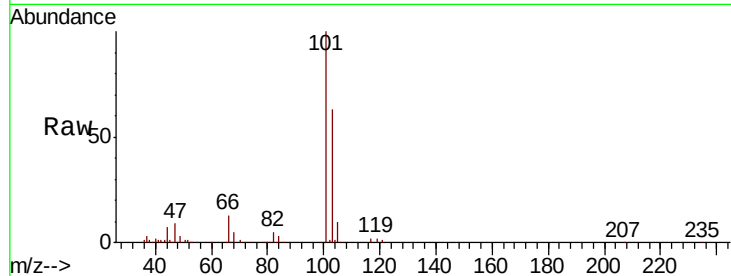


#7

Trichlorofluoromethane
 Concen: 20.364 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Instrument :
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 ClientSampleId :
 VN0510WBS02

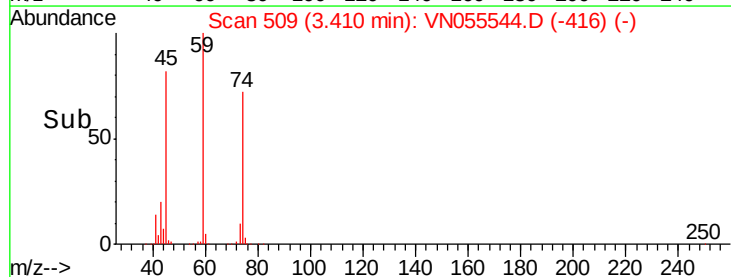
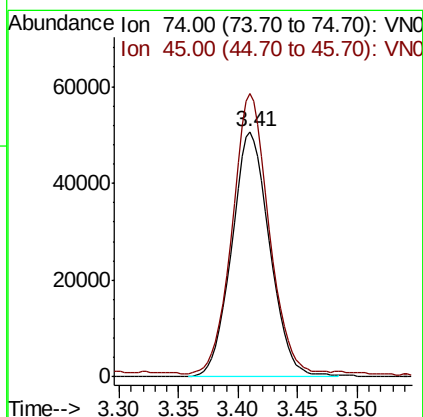
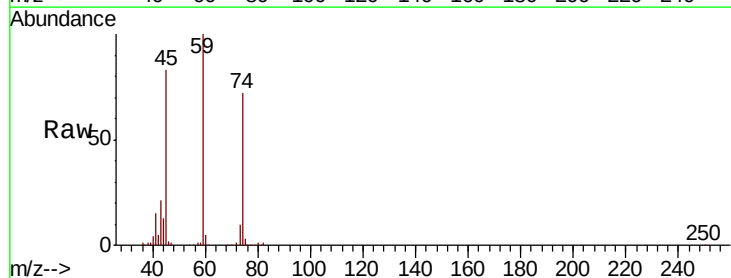
Tot Ion:101 Resp: 247716
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.2 76.8

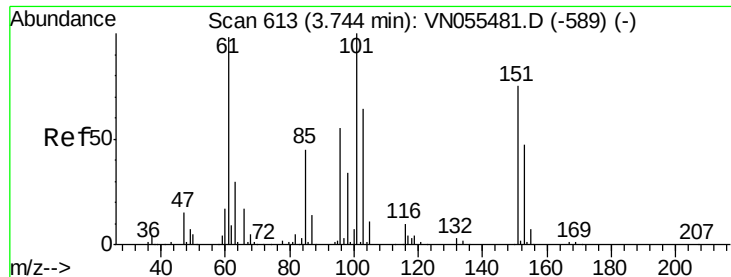


#8

Diethyl Ether
 Concen: 20.471 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Tgt Ion: 74 Resp: 111833
 Ion Ratio Lower Upper
 74 100
 45 110.4 58.1 174.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.709 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

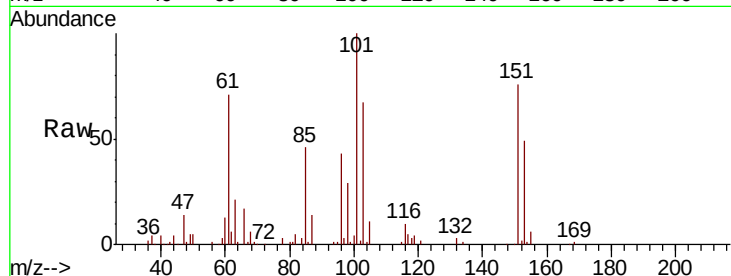
Tot Ion:101 Resp: 152535

Ion Ratio Lower Upper

101 100

85 44.6 35.5 53.3

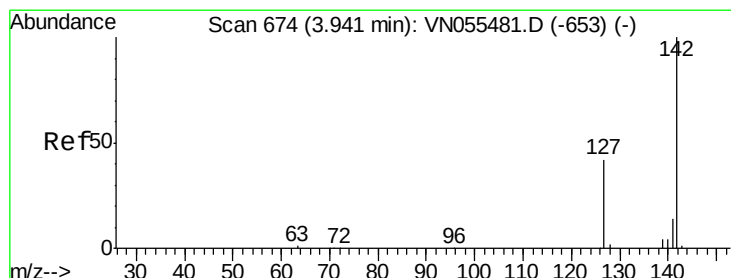
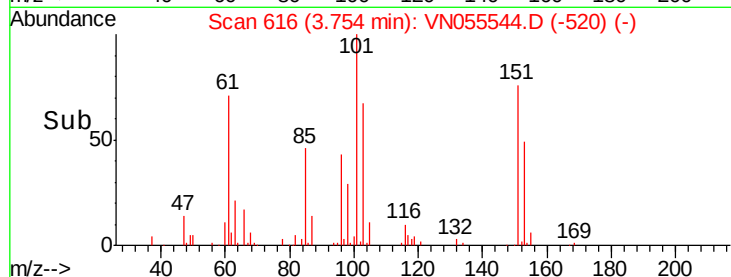
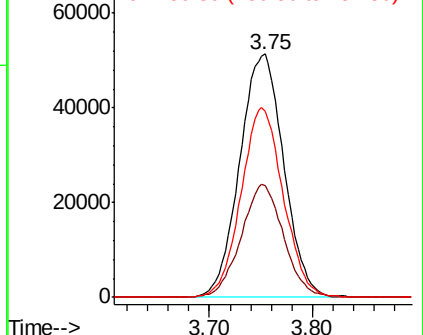
151 74.7 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.399 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

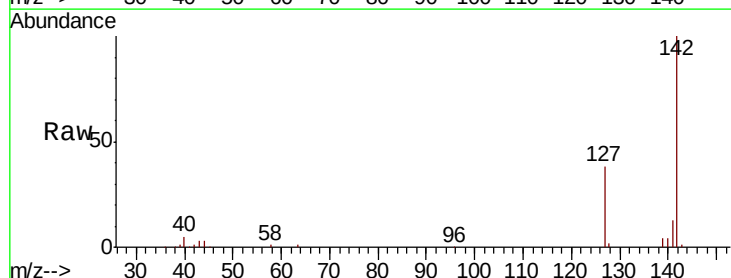
Tgt Ion:142 Resp: 129693

Ion Ratio Lower Upper

142 100

127 41.0 33.0 49.4

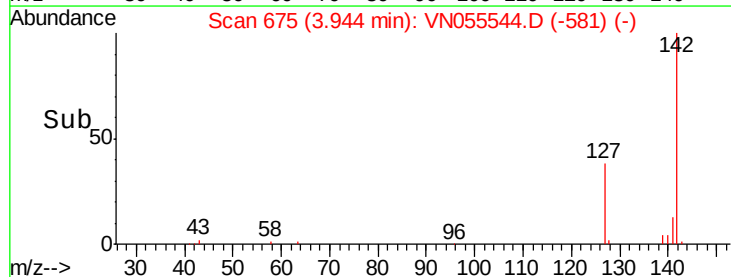
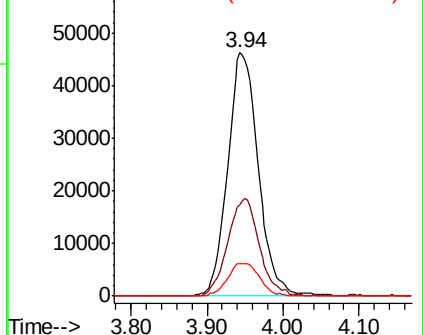
141 14.2 11.4 17.0

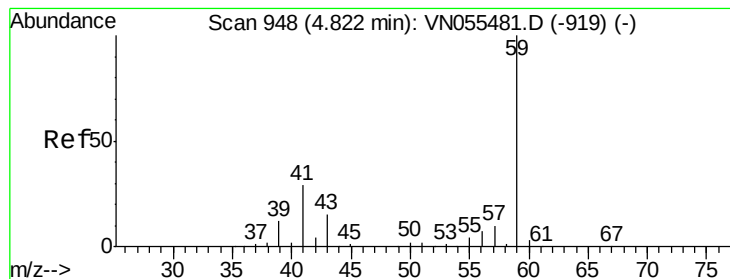


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



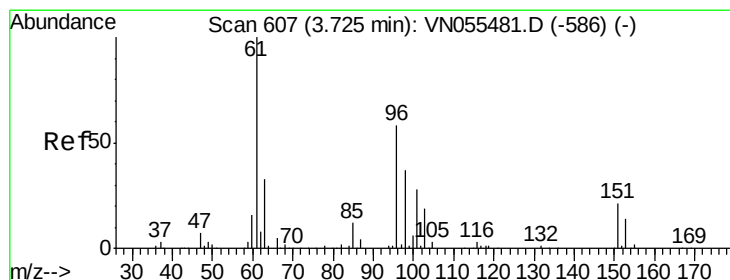
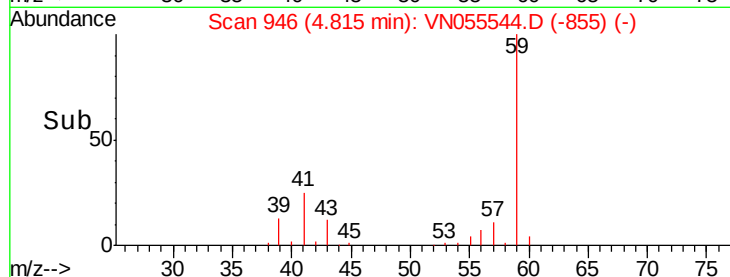
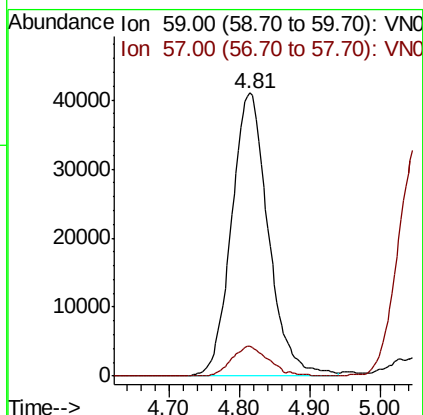
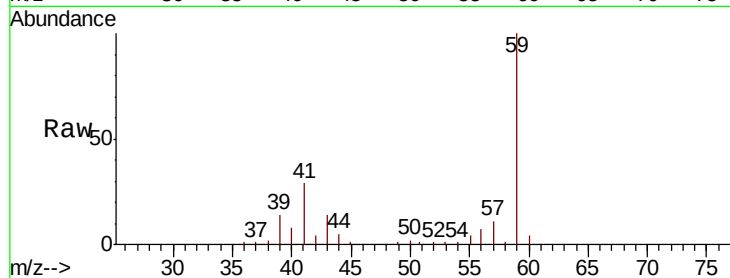


#11

Tert butyl alcohol
 Concen: 94.546 ug/l
 RT: 4.81 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS02

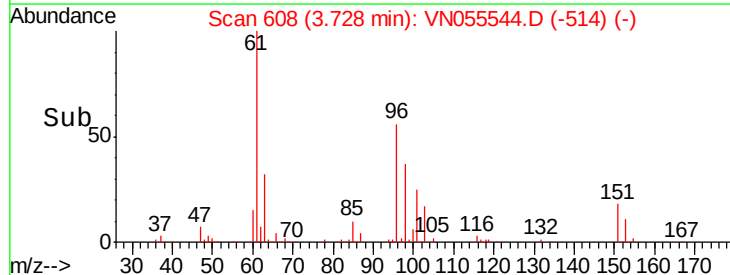
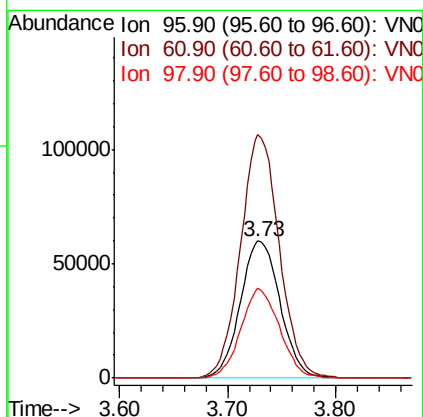
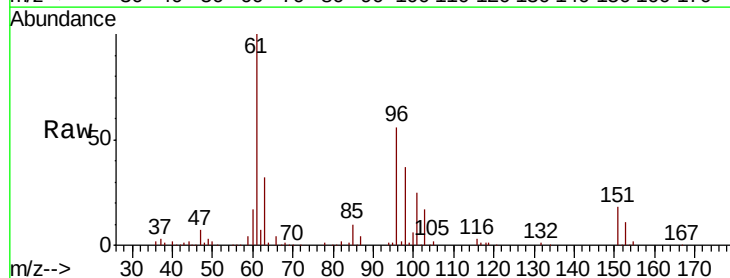
Tot Ion: 59 Resp: 149269
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.0 12.0

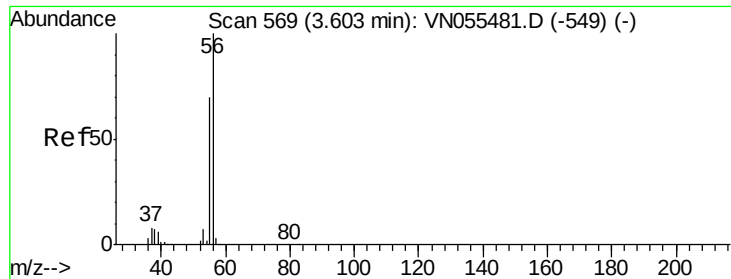


#12

1,1-Dichloroethene
 Concen: 19.847 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Tgt Ion: 96 Resp: 154050
 Ion Ratio Lower Upper
 96 100
 61 177.7 138.7 208.1
 98 65.7 50.6 76.0





#13

Acrolein

Concen: 91.762 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

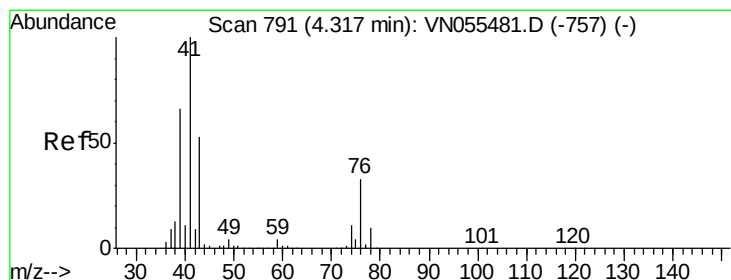
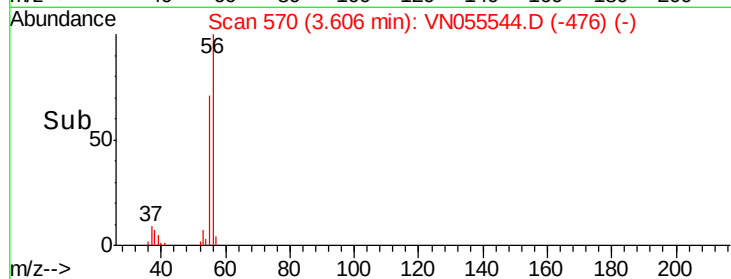
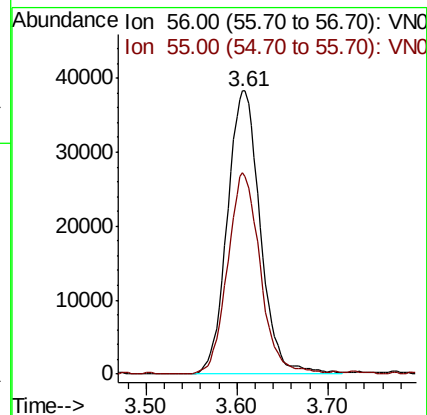
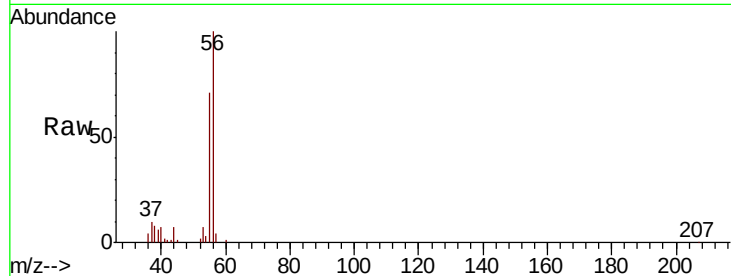
VN0510WBS02

Tot Ion: 56 Resp: 96553

Ion Ratio Lower Upper

56 100

55 70.5 57.7 86.5



#14

Allyl chloride

Concen: 19.255 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

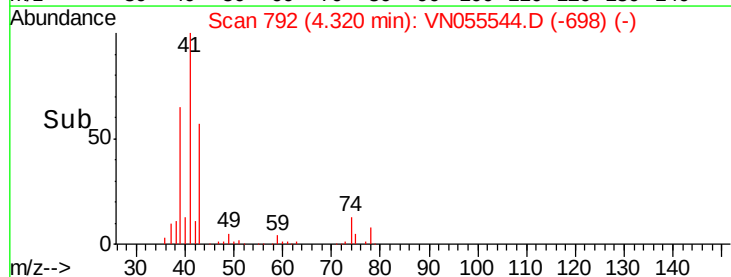
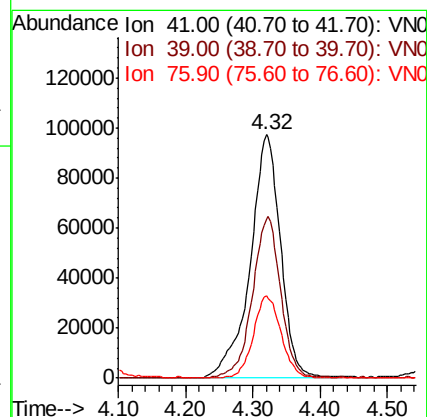
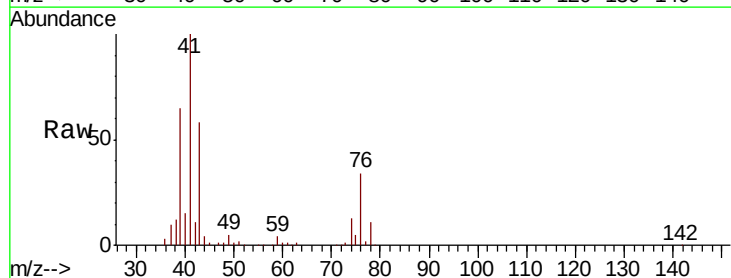
Tgt Ion: 41 Resp: 306139

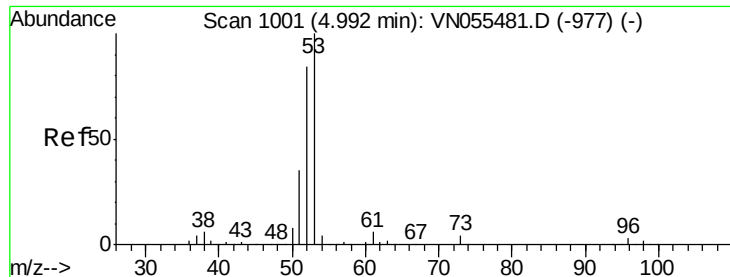
Ion Ratio Lower Upper

41 100

39 61.6 49.8 74.8

76 30.6 23.5 35.3





#15

Acrylonitrile

Concen: 97.191 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

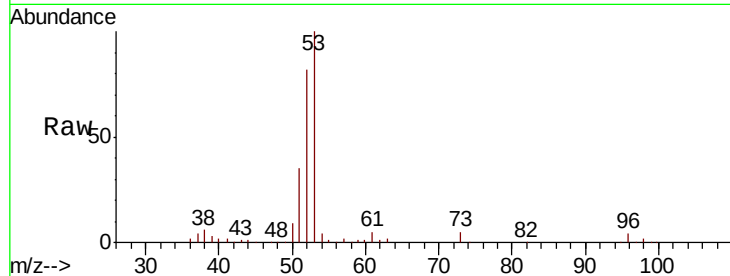
Tot Ion: 53 Resp: 475138

Ion Ratio Lower Upper

53 100

52 83.0 66.1 99.1

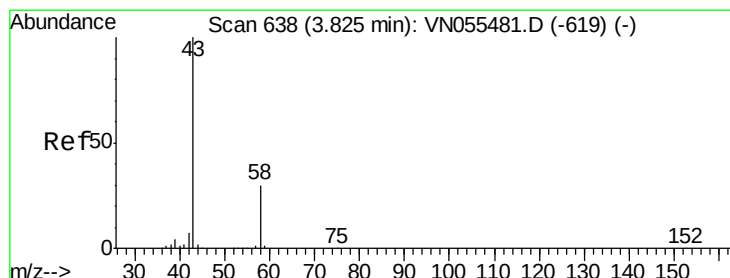
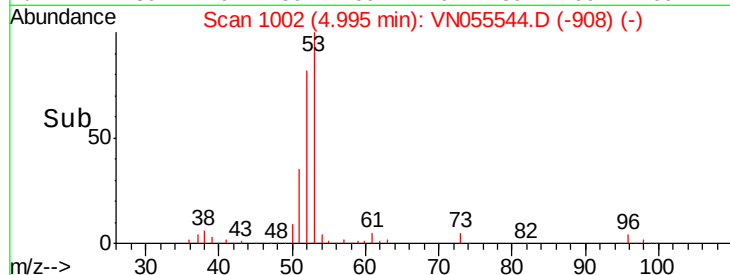
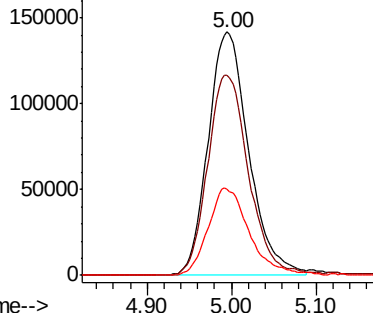
51 36.1 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 89.585 ug/l

RT: 3.82 min Scan# 638

Delta R.T. -0.00 min

Lab File: VN055544.D

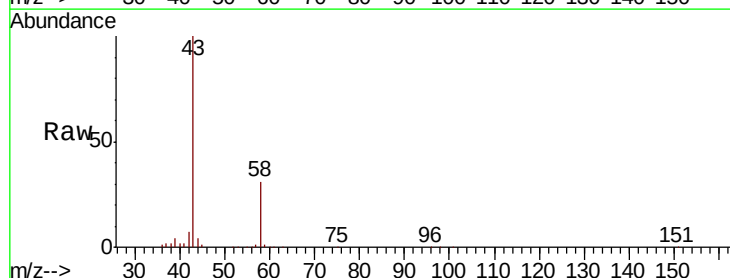
Acq: 10 May 2019 11:56

Tgt Ion: 43 Resp: 443545

Ion Ratio Lower Upper

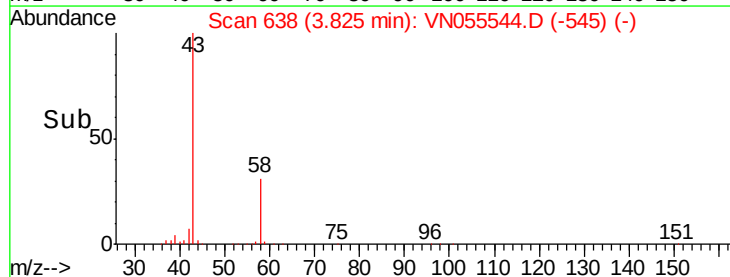
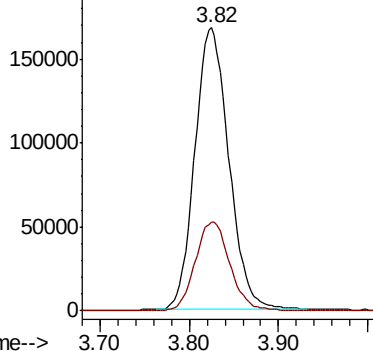
43 100

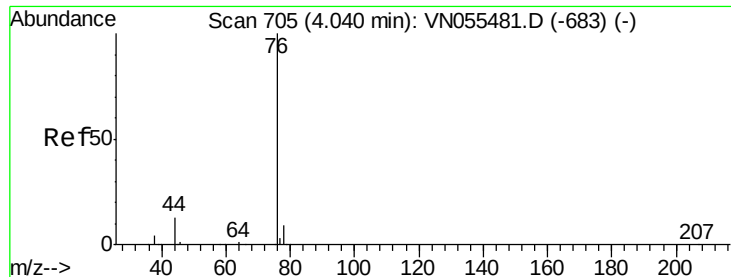
58 31.4 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.978 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

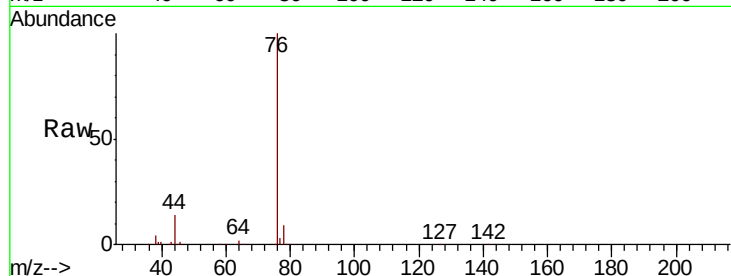
VN0510WBS02

Tot Ion: 76 Resp: 402036

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

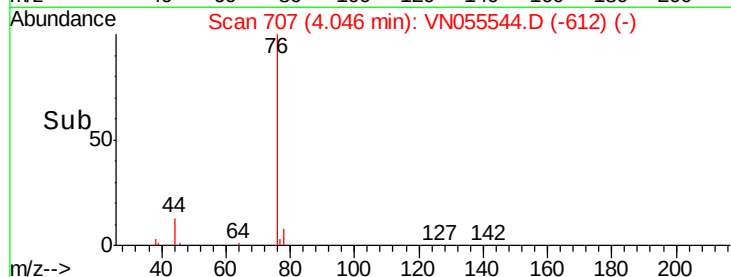
150000

100000

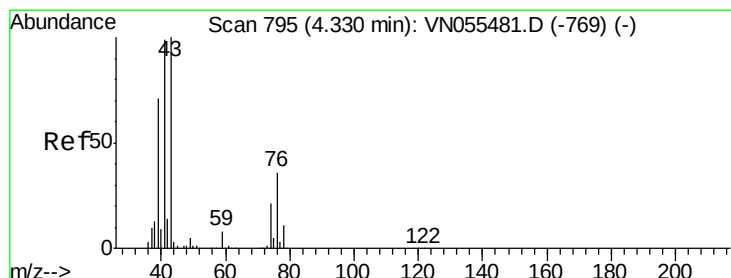
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 19.095 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055544.D

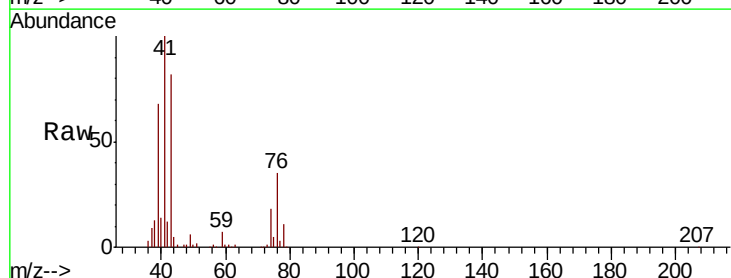
Acq: 10 May 2019 11:56

Tgt Ion: 43 Resp: 205496

Ion Ratio Lower Upper

43 100

74 22.3 16.3 24.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

80000

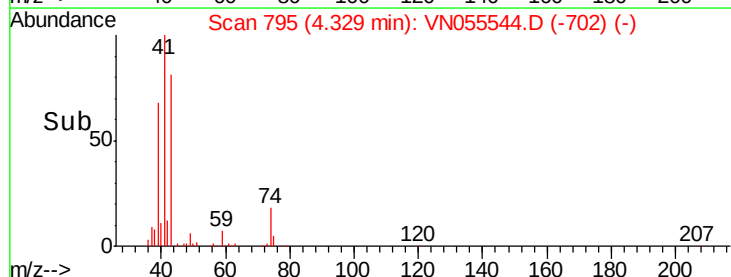
60000

40000

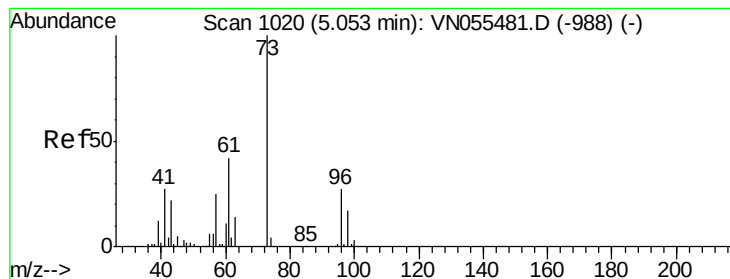
20000

0

Time-->



Time-->



#19

Methyl tert-butyl Ether

Concen: 19.797 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

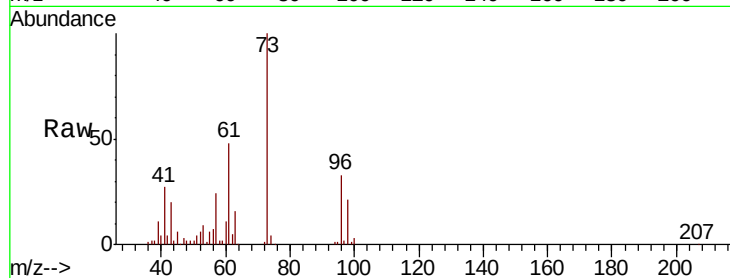
VN0510WBS02

Tot Ion: 73 Resp: 510592

Ion Ratio Lower Upper

73 100

57 24.4 20.0 30.0



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

5.05

150000

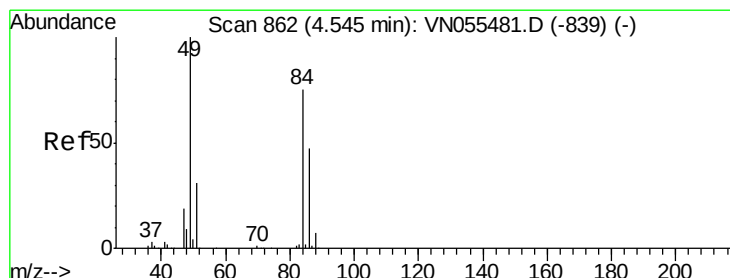
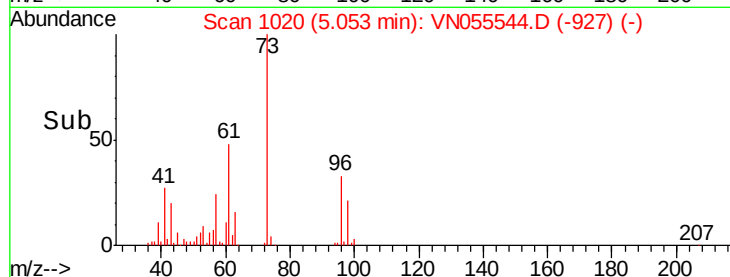
100000

50000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 19.389 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Tgt Ion: 84 Resp: 196301

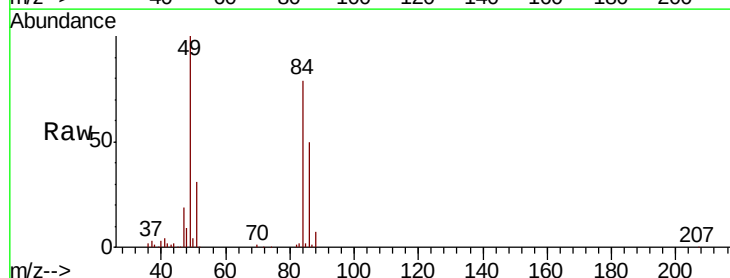
Ion Ratio Lower Upper

84 100

49 126.7 107.0 160.6

51 38.7 33.0 49.4

86 63.9 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

120000

100000

80000

60000

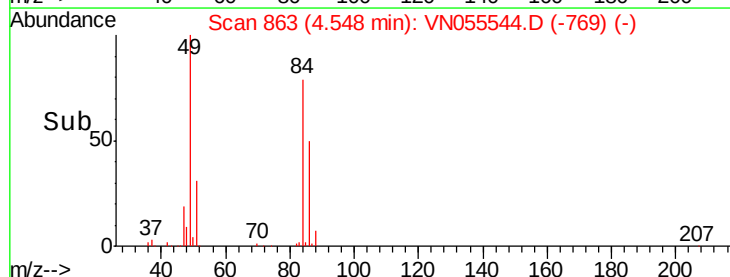
40000

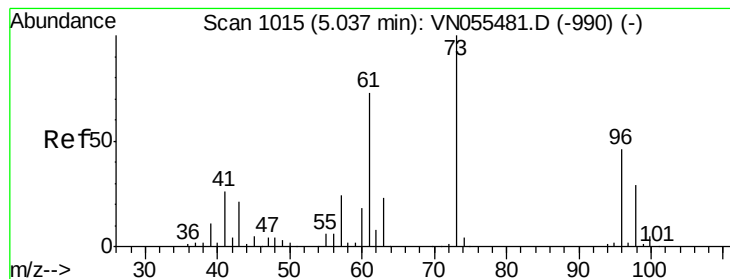
20000

0

Time-->

4.40 4.50 4.60 4.70





#21

trans-1,2-Dichloroethene

Concen: 20.157 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

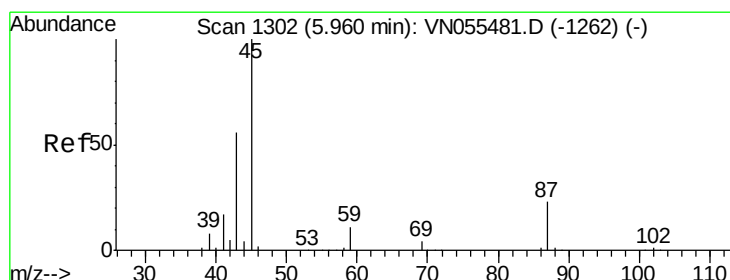
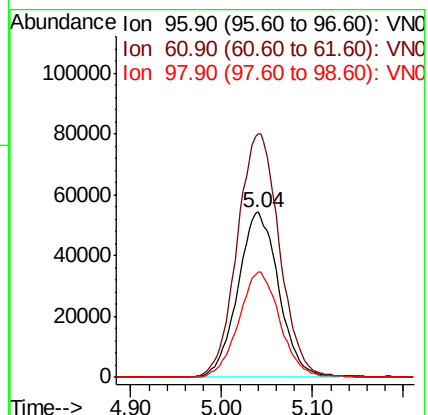
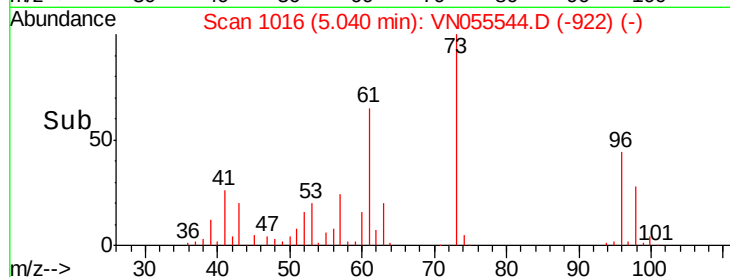
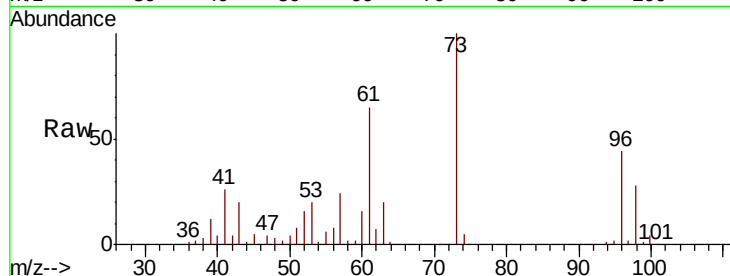
Tot Ion: 96 Resp: 169629

Ion Ratio Lower Upper

96 100

61 147.4 127.4 191.0

98 63.5 51.6 77.4



#22

Diisopropyl ether

Concen: 19.743 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Tgt Ion: 45 Resp: 637884

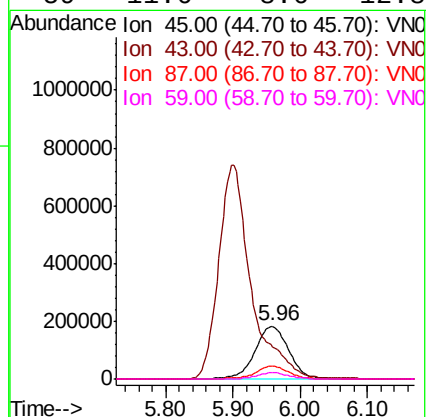
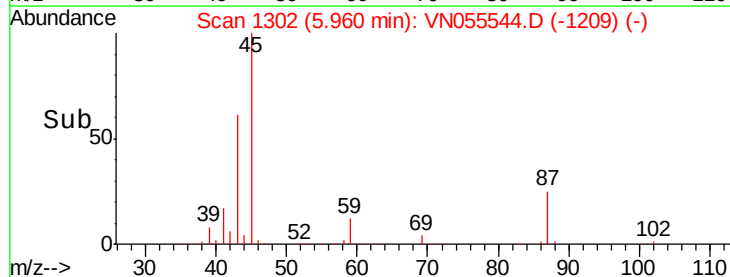
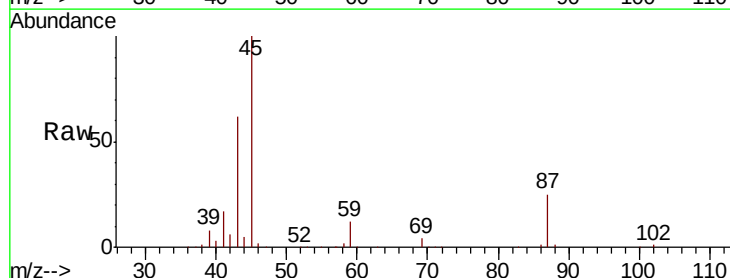
Ion Ratio Lower Upper

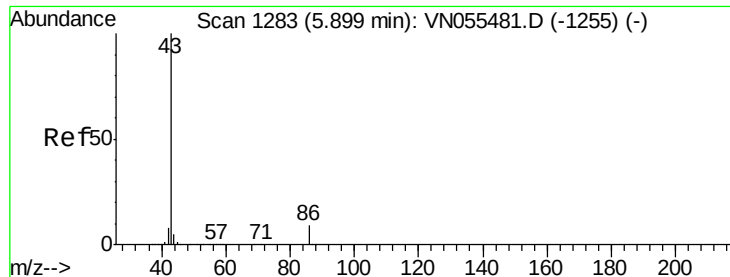
45 100

43 60.4 44.6 66.8

87 24.8 18.6 28.0

59 11.6 8.6 12.8





#23

Vinyl Acetate

Concen: 99.711 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

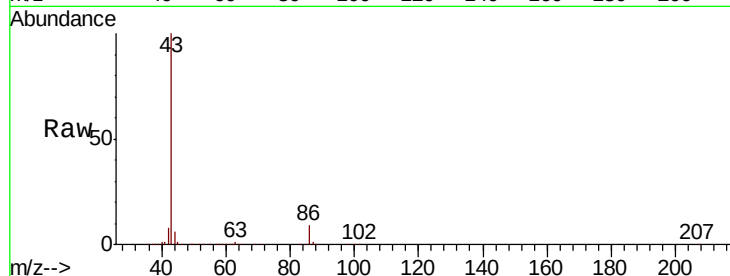
VN0510WBS02

Tot Ion: 43 Resp: 2491480

Ion Ratio Lower Upper

43 100

86 9.0 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

800000

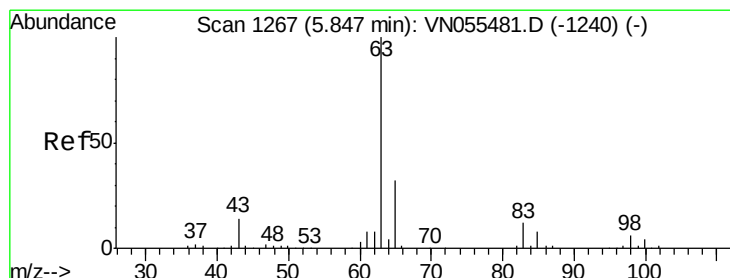
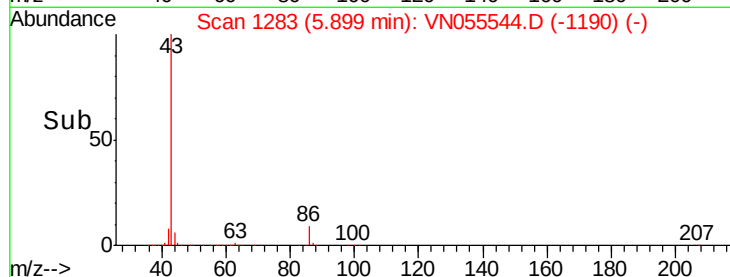
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.848 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

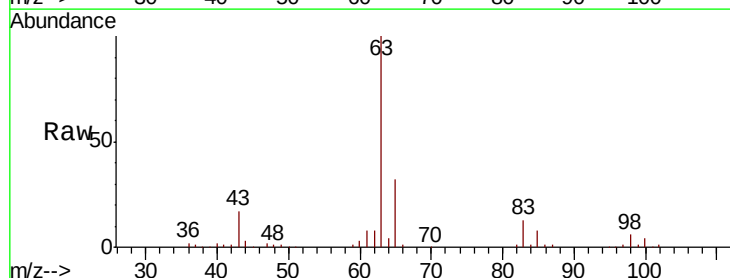
Tgt Ion: 63 Resp: 346181

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.0

100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

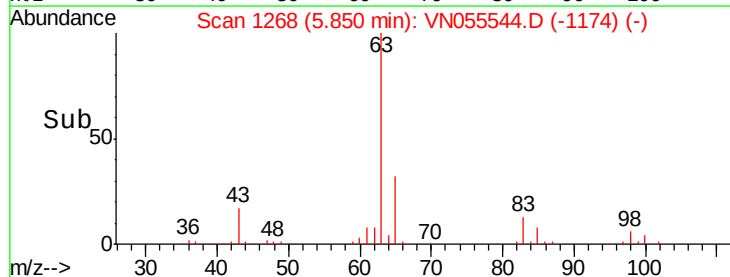
150000

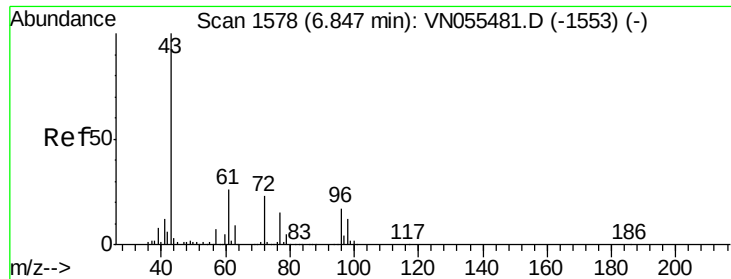
100000

50000

0

Time-->

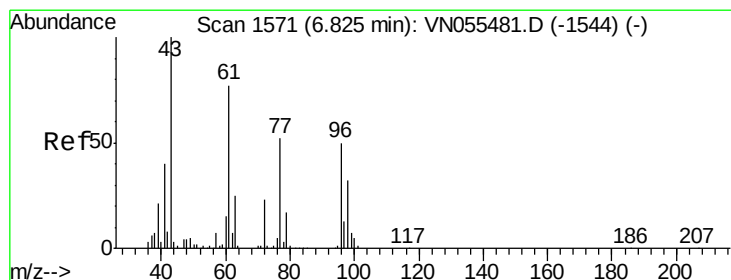
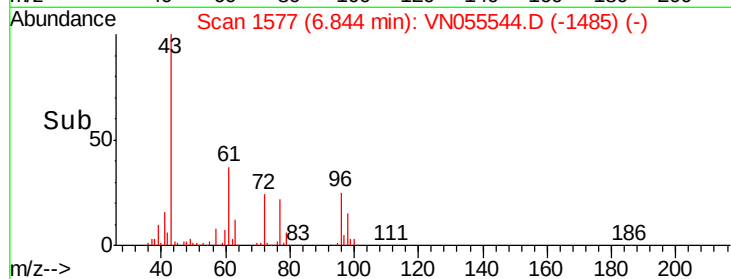
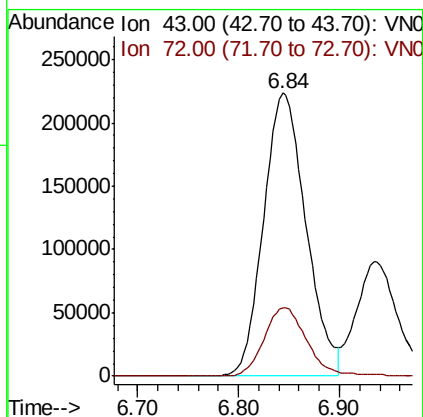
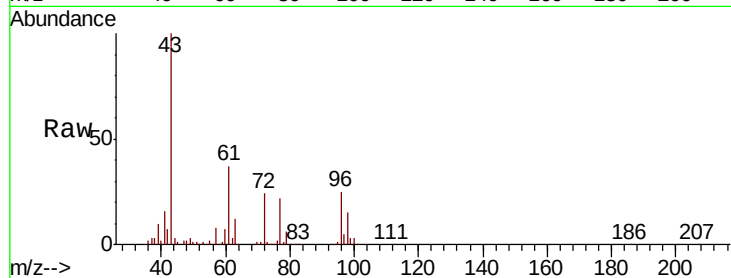




#25
2-Butanone
Concen: 95.164 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

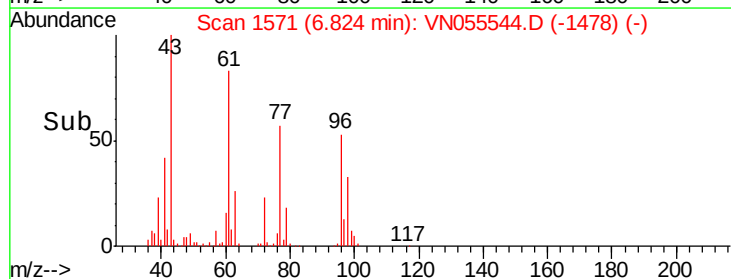
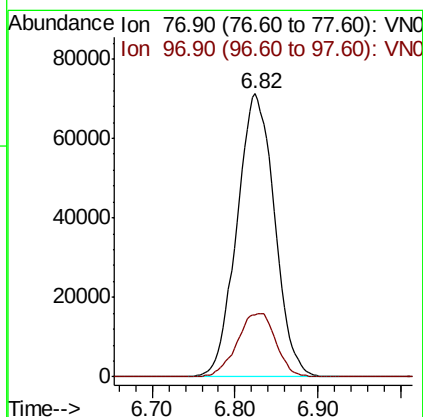
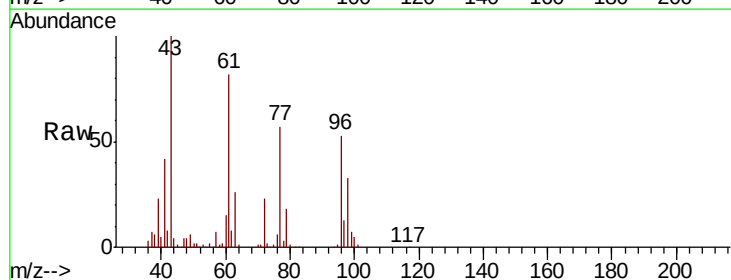
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS02

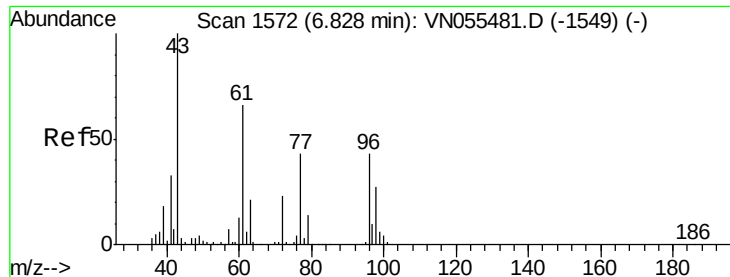
Tot Ion: 43 Resp: 650855
Ion Ratio Lower Upper
43 100
72 24.4 18.6 27.8



#26
2,2-Dichloropropane
Concen: 20.651 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Tgt Ion: 77 Resp: 224530
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5

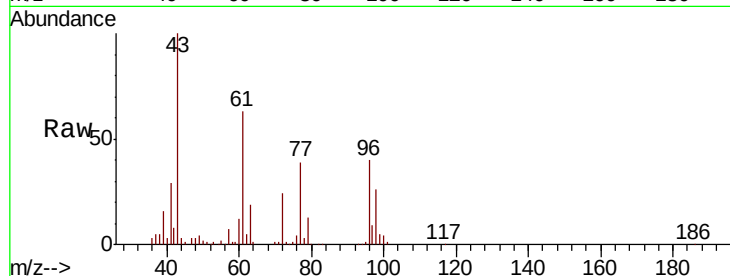




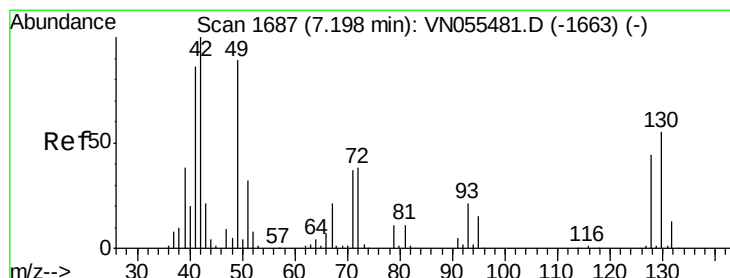
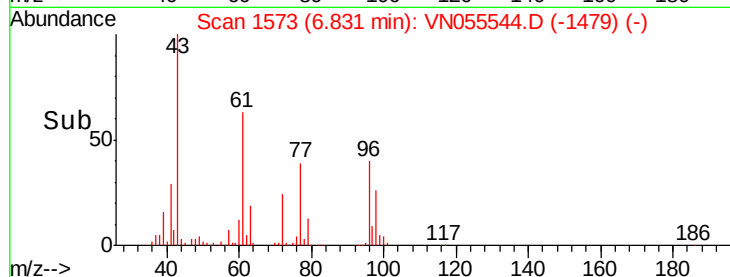
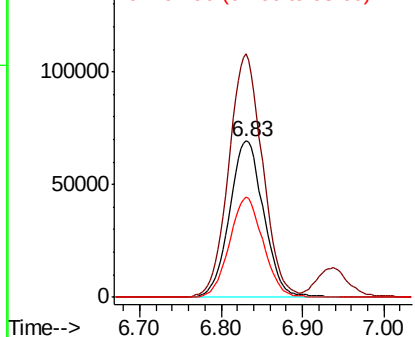
#27
 cis-1,2-Dichloroethene
 Concen: 20.807 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	310.8
98	63.1	0.0	129.4

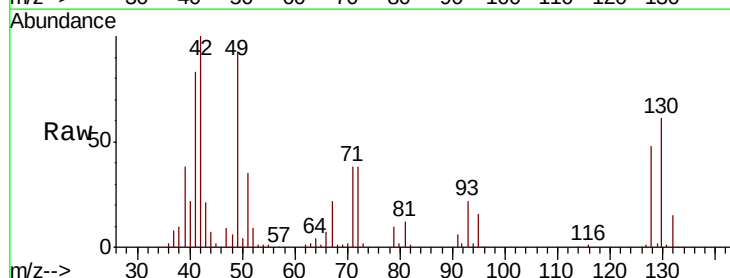


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

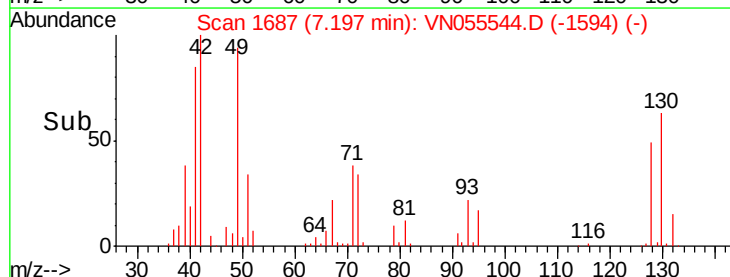
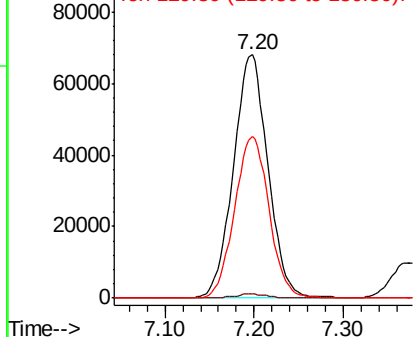


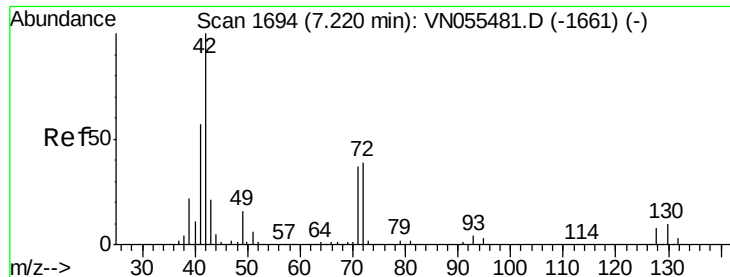
#28
 Bromochloromethane
 Concen: 20.233 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	66.2	49.5	74.3



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: 96.309 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

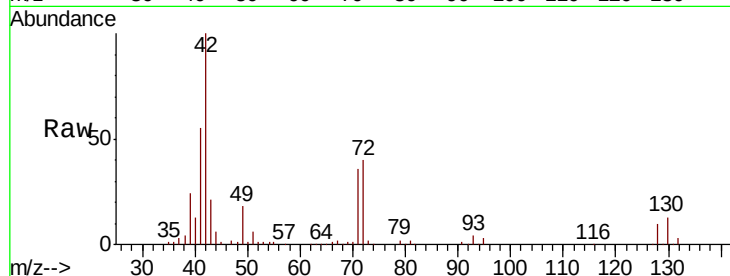
Tot Ion: 42 Resp: 435446

Ion Ratio Lower Upper

42 100

72 39.2 31.0 46.6

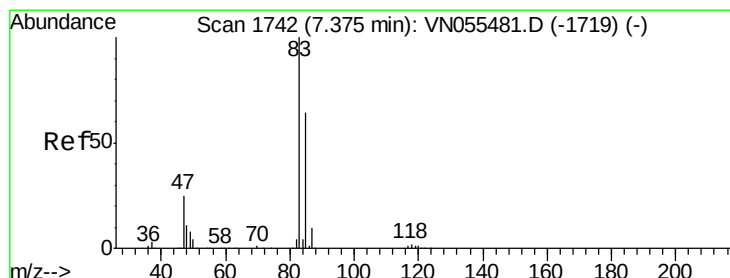
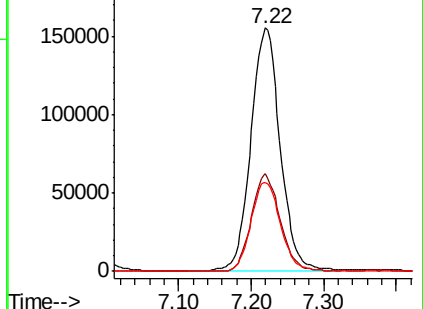
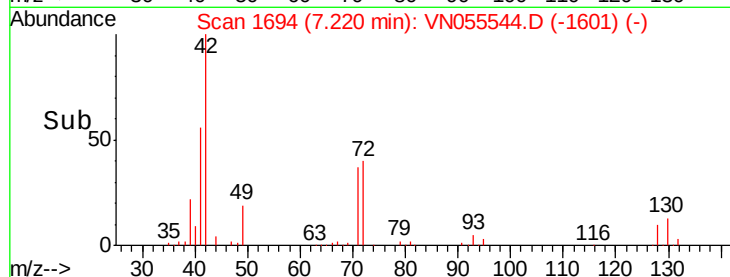
71 36.8 29.4 44.2



Abundance Ion 42.00 (41.70 to 42.70): VN055544.D (-1601) (-)

Ion 72.00 (71.70 to 72.70): VN055544.D (-1601) (-)

Ion 71.00 (70.70 to 71.70): VN055544.D (-1601) (-)



#30

Chloroform

Concen: 20.256 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN055544.D

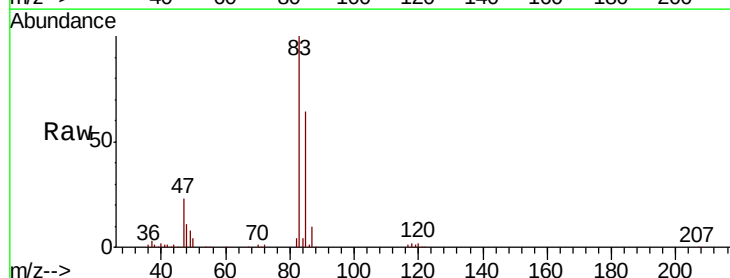
Acq: 10 May 2019 11:56

Tgt Ion: 83 Resp: 326606

Ion Ratio Lower Upper

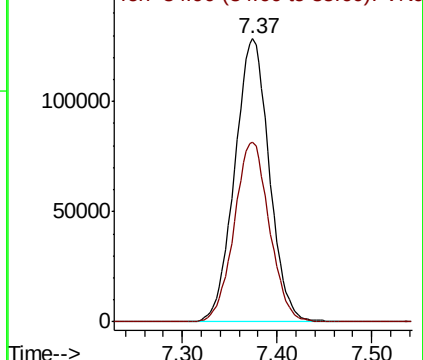
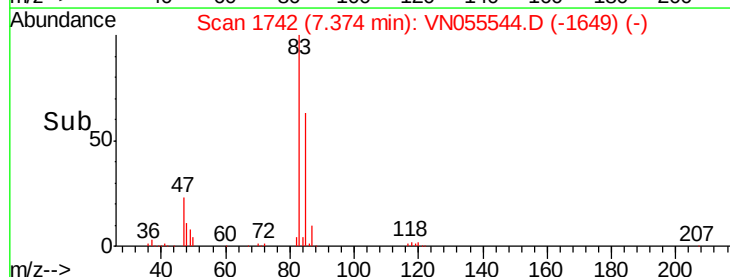
83 100

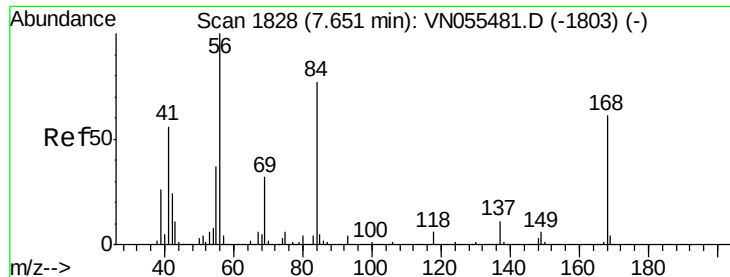
85 63.6 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN055544.D (-1649) (-)

Ion 84.90 (84.60 to 85.60): VN055544.D (-1649) (-)





#31

Cyclohexane

Concen: 18.717 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

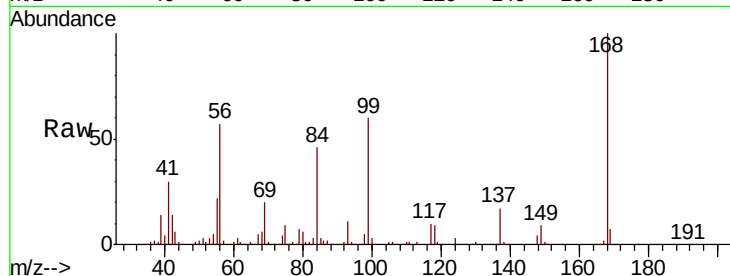
Tot Ion: 56 Resp: 323002

Ion Ratio Lower Upper

56 100

69 34.7 26.0 39.0

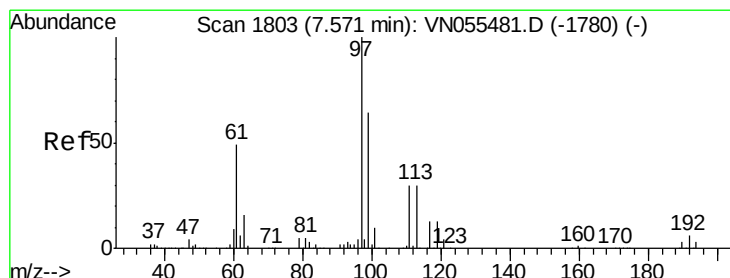
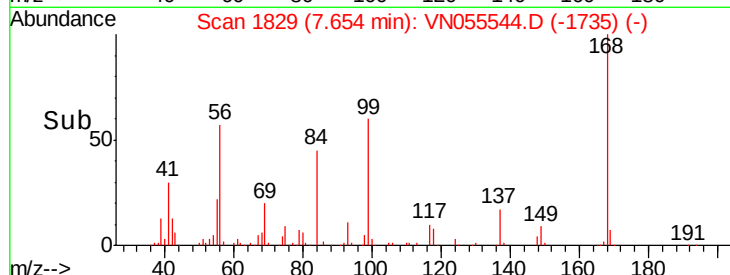
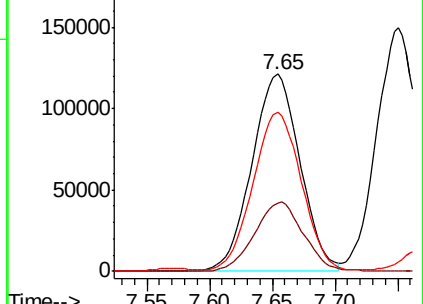
84 79.9 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.488 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

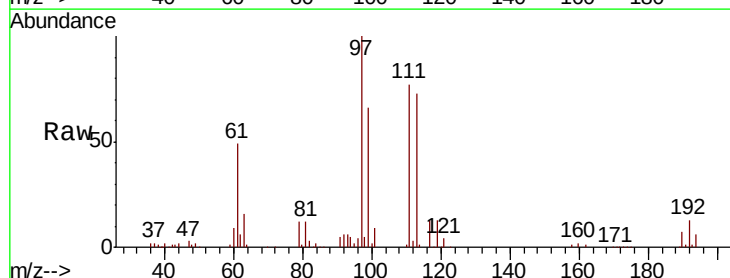
Tgt Ion: 97 Resp: 251562

Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

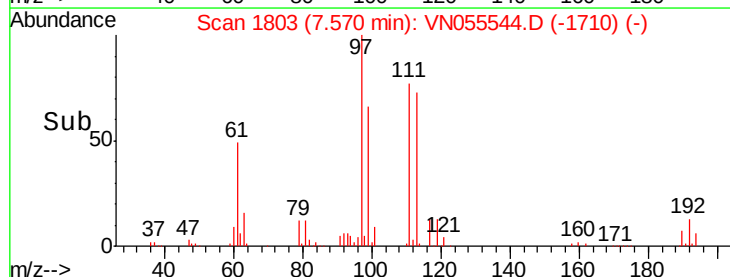
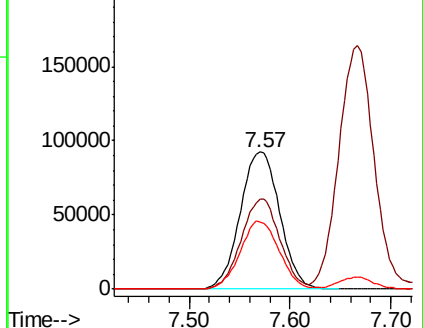
61 49.1 39.2 58.8

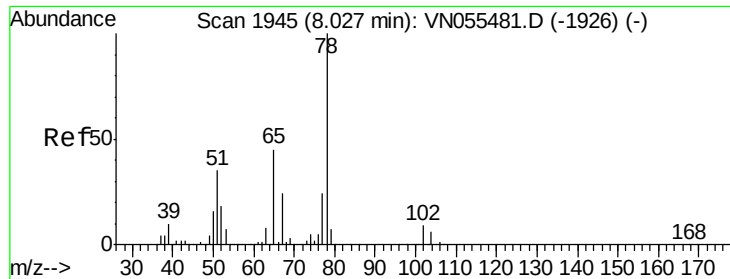


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

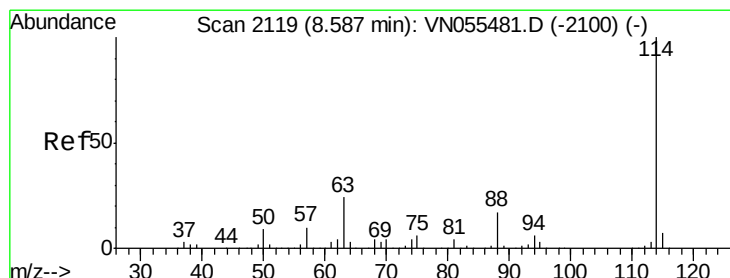
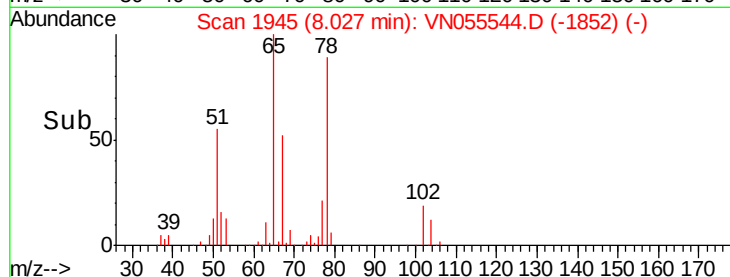
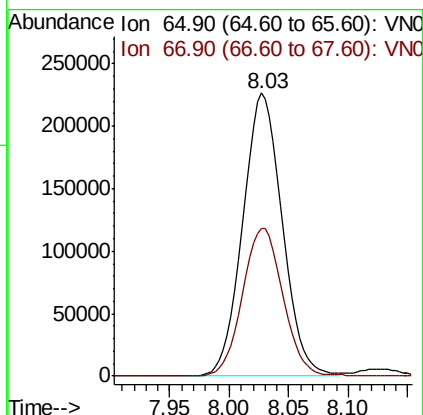
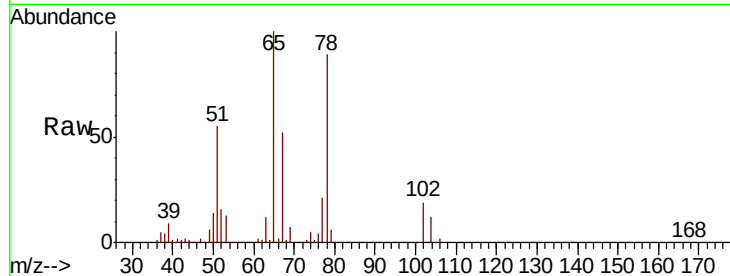




#33
 1,2-Dichloroethane-d4
 Concen: 48.669 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

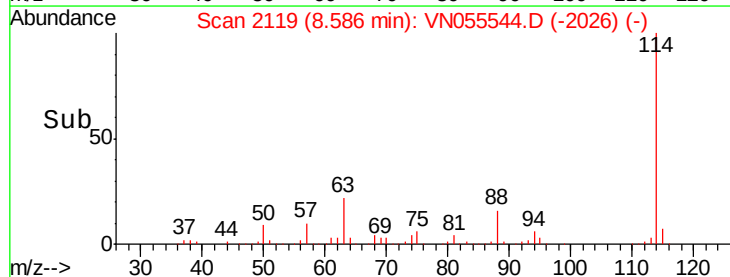
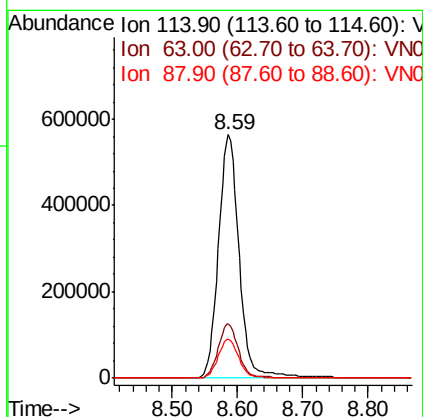
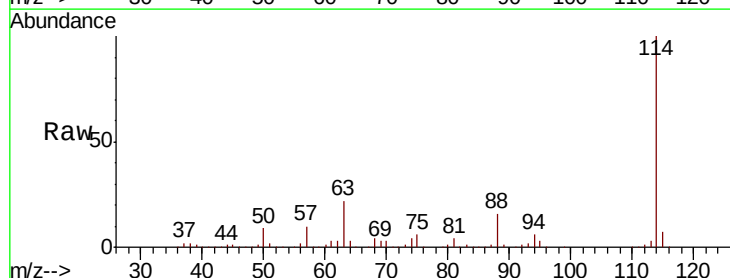
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS02

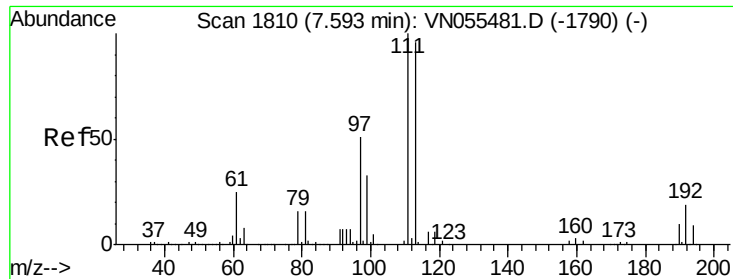
Tot Ion: 65 Resp: 520410
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Tgt Ion: 114 Resp: 1245321
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.4
 88 15.9 0.0 34.0

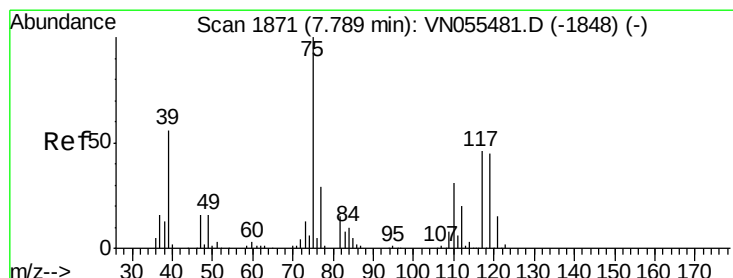
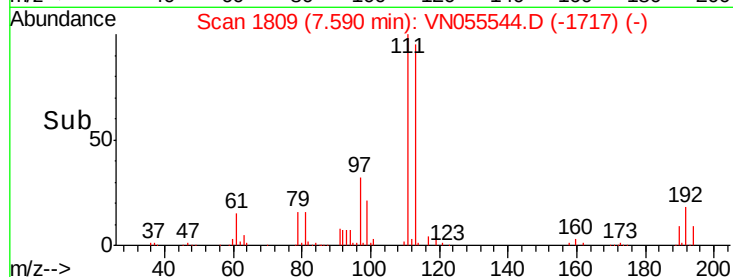
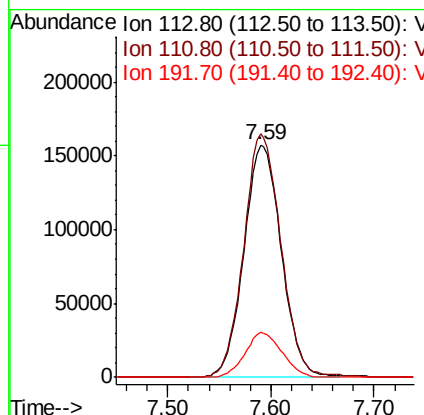
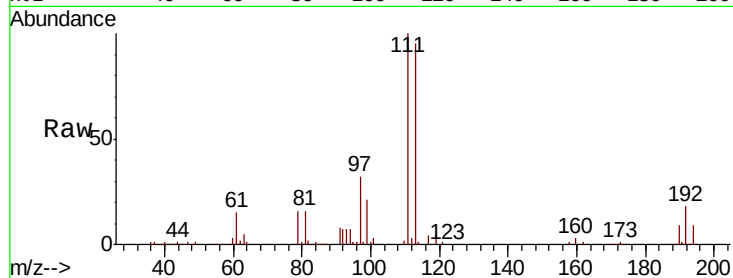




#35
 Dibromofluoromethane
 Concen: 49.410 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

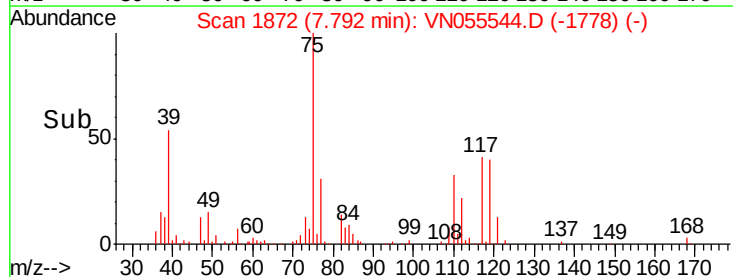
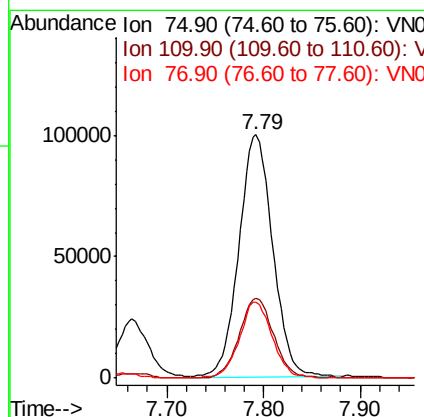
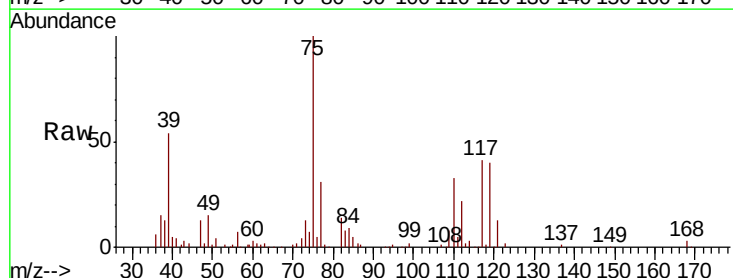
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS02

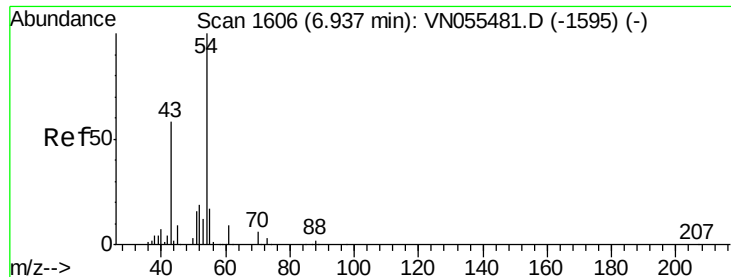
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	19.3	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 19.717 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.1	48.3
77	30.9	24.6	37.0

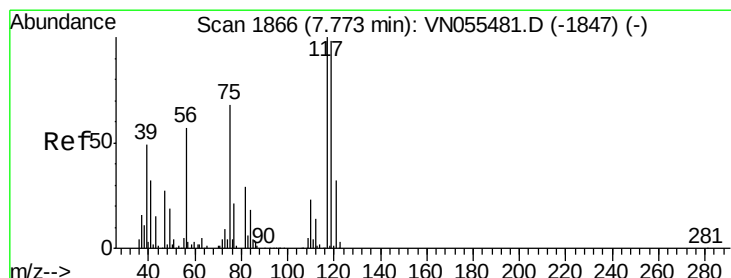
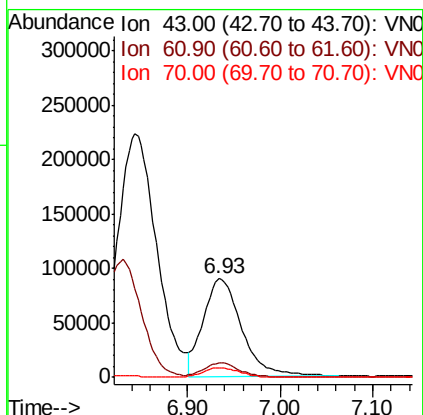
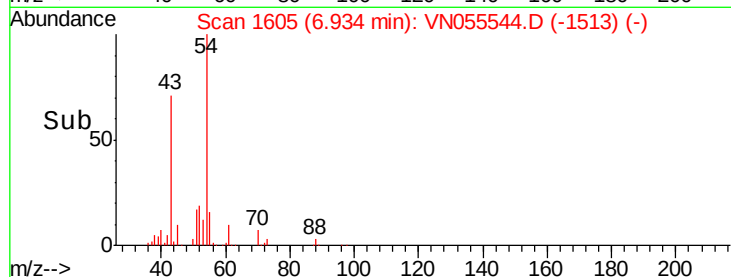
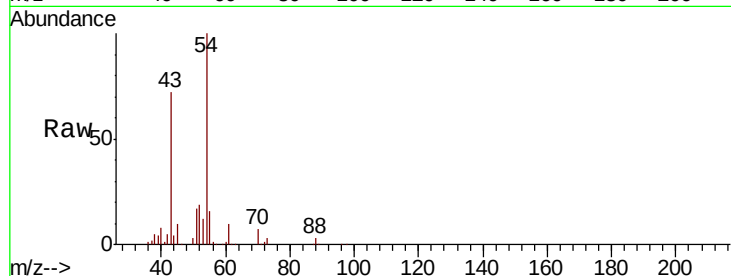




#37
Ethyl Acetate
Concen: 19.253 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

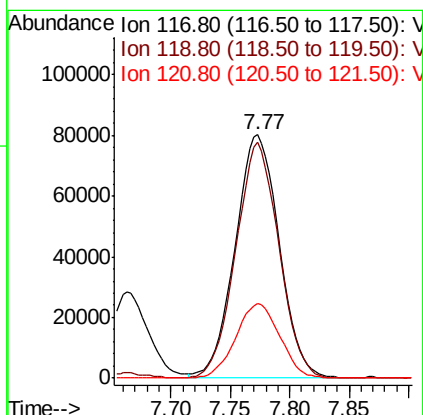
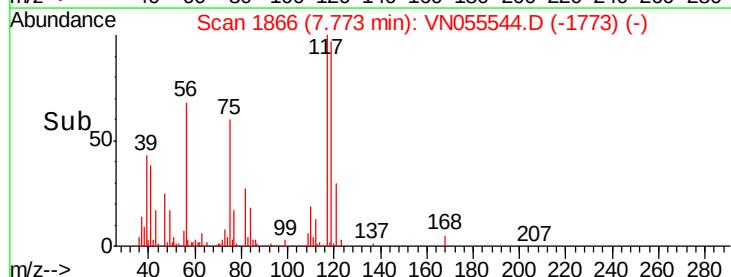
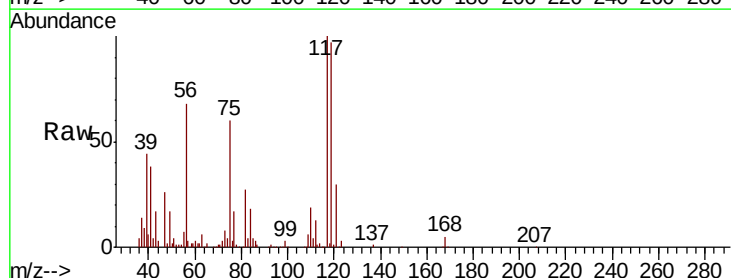
Instrument :
MSVOA_N
ClientSampled :
VN0510WBS02

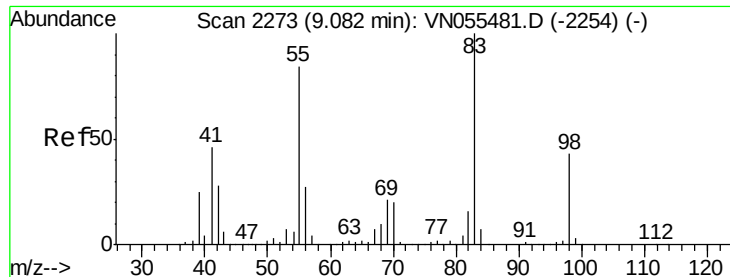
Tot Ion: 43 Resp: 257659
Ion Ratio Lower Upper
43 100
61 13.0 10.9 16.3
70 9.5 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.793 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Tgt Ion: 117 Resp: 204474
Ion Ratio Lower Upper
117 100
119 96.8 77.8 116.6
121 30.6 25.2 37.8

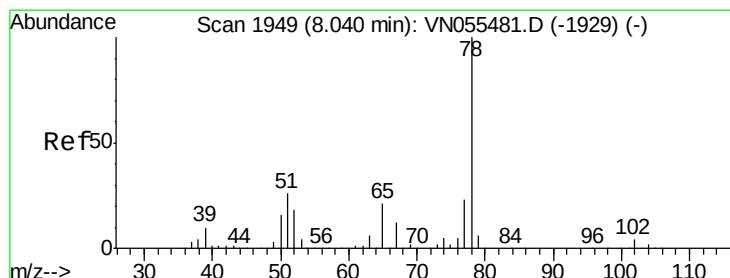
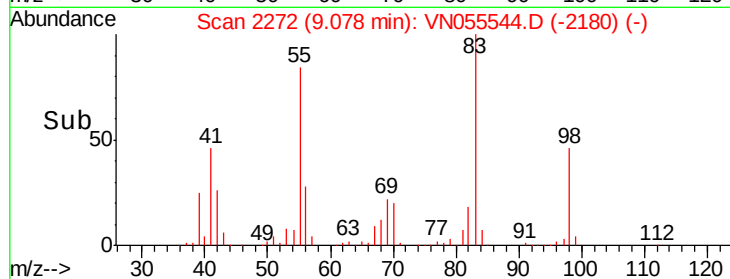
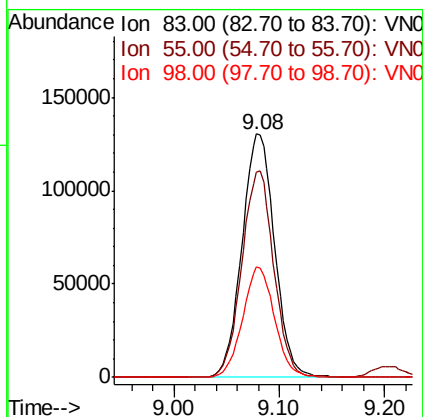
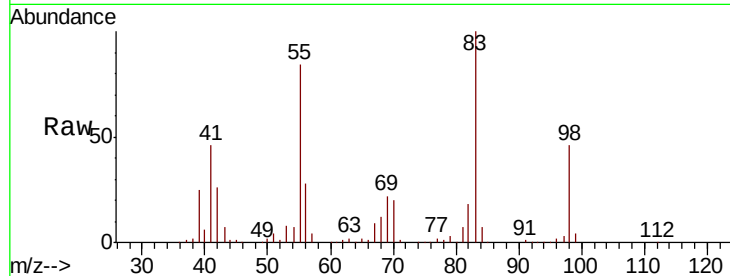




#39
Methylvlcyclohexane
Concen: 18.749 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

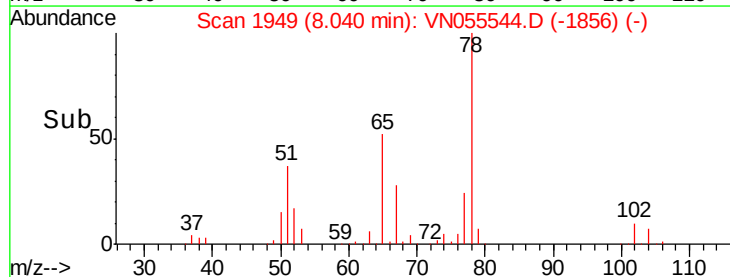
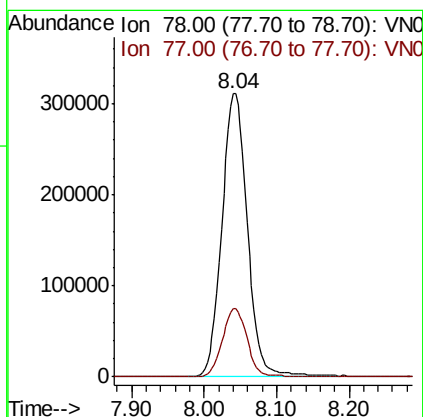
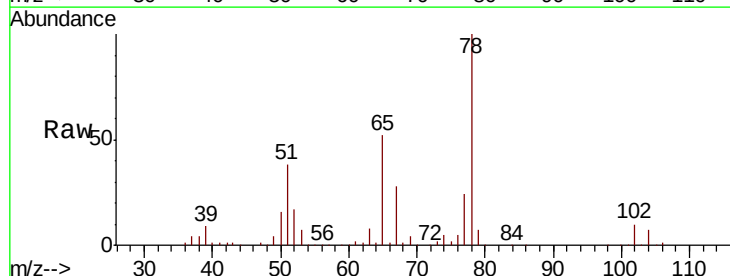
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS02

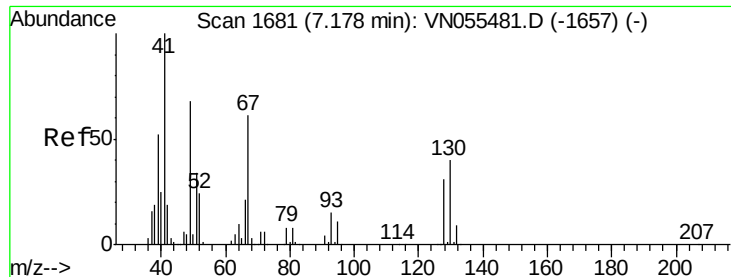
Tot Ion: 83 Resp: 280464
Ion Ratio Lower Upper
83 100
55 84.1 67.0 100.4
98 45.6 34.2 51.4



#40
Benzene
Concen: 20.011 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Tgt Ion: 78 Resp: 761967
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8

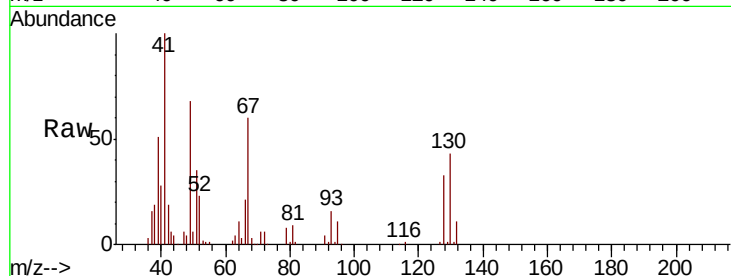




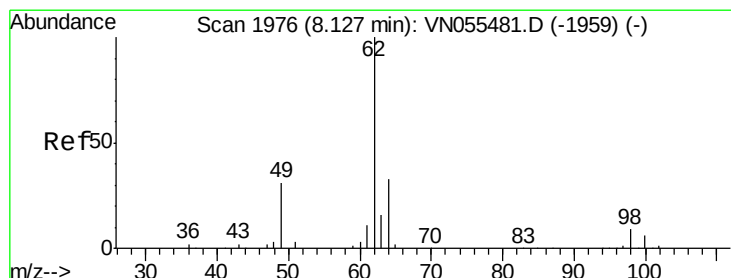
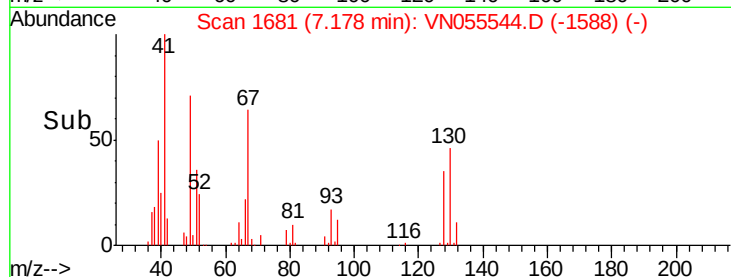
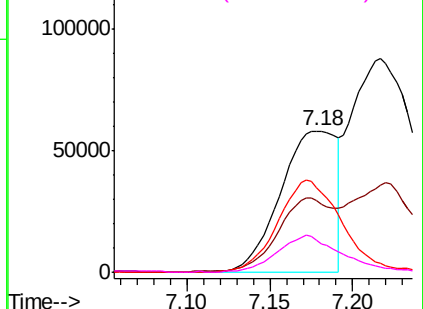
#41
Methacrylonitrile
Concen: 21.937 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Instrument :
MSVOA_N
ClientSampled :
VN0510WBS02

Tot Ion:	41	Resp:	136263
Ion	Ratio	Lower	Upper
41	100		
39	47.8	44.7	67.1
67	75.3	61.4	92.0
52	29.5	25.0	37.4

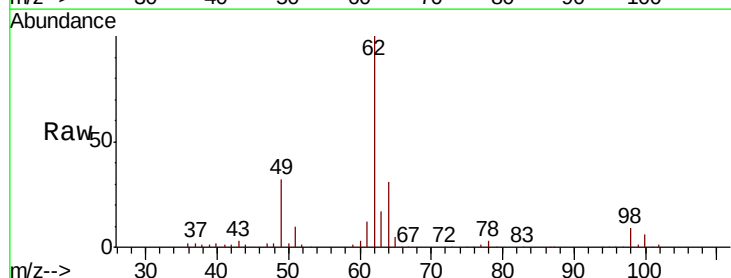


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

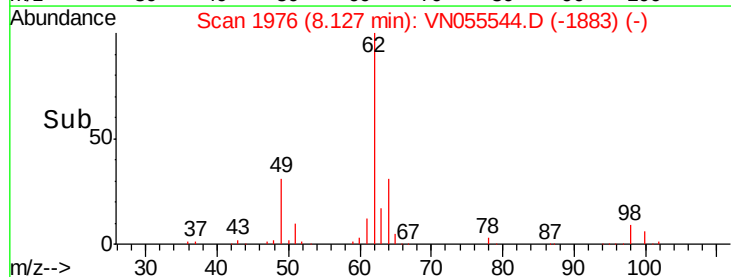
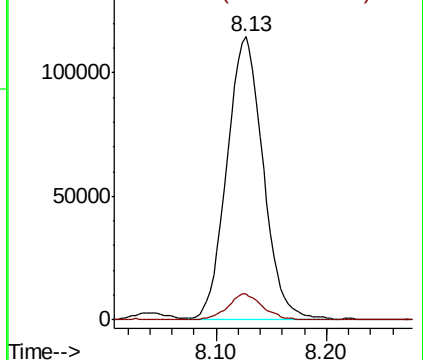


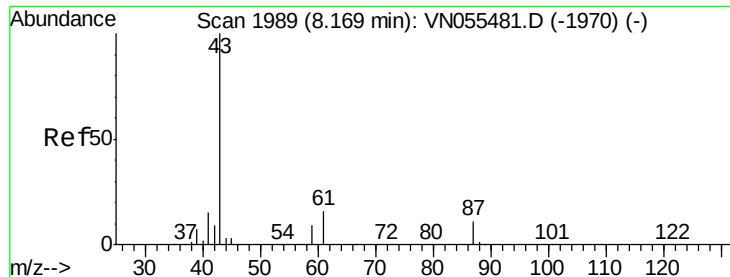
#42
1,2-Dichloroethane
Concen: 19.465 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Tgt Ion:	62	Resp:	260393
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.944 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

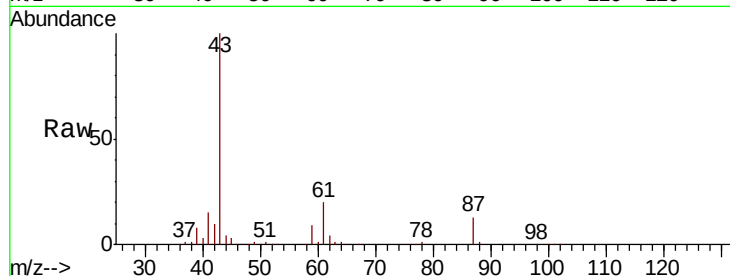
Tot Ion: 43 Resp: 385167

Ion Ratio Lower Upper

43 100

61 19.3 15.1 22.7

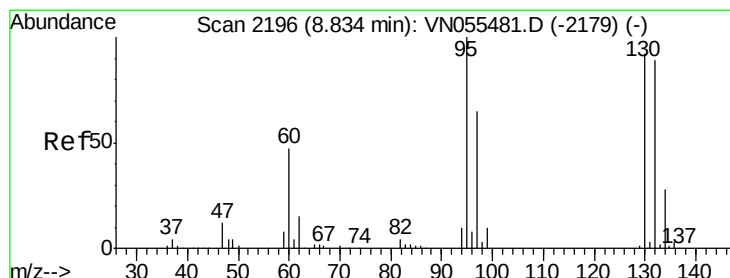
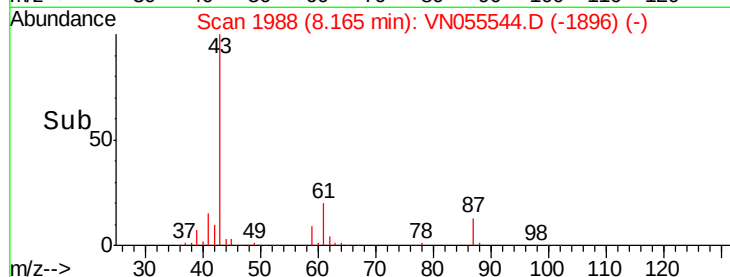
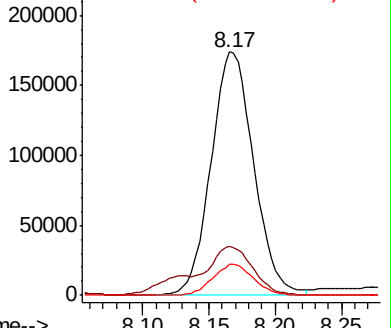
87 12.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055481.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055481.D (-1970) (-)



#44

Trichloroethene

Concen: 20.100 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055544.D

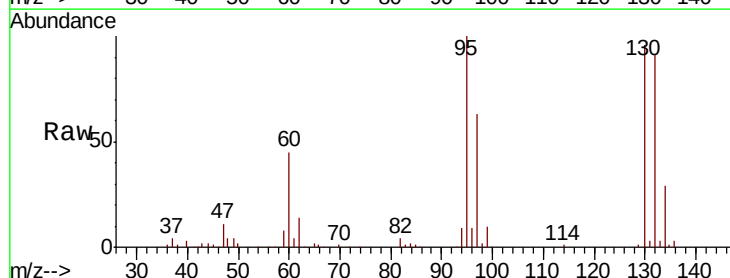
Acq: 10 May 2019 11:56

Tgt Ion:130 Resp: 182104

Ion Ratio Lower Upper

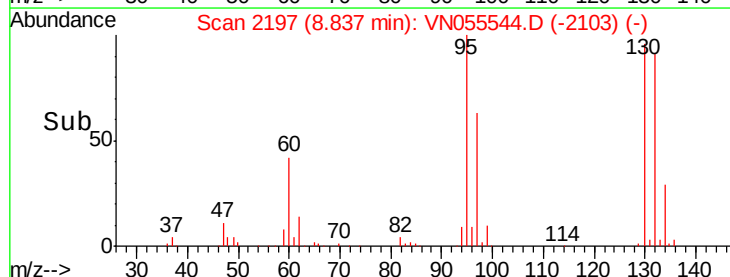
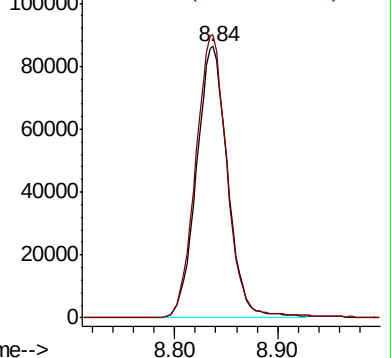
130 100

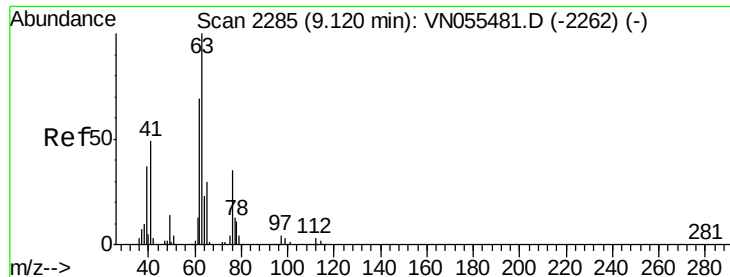
95 104.3 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055481.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055481.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 19.848 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

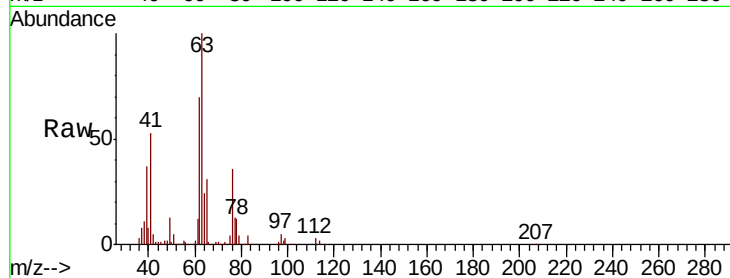
VN0510WBS02

Tot Ion: 63 Resp: 216233

Ion Ratio Lower Upper

63 100

65 31.2 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

120000

100000

80000

60000

40000

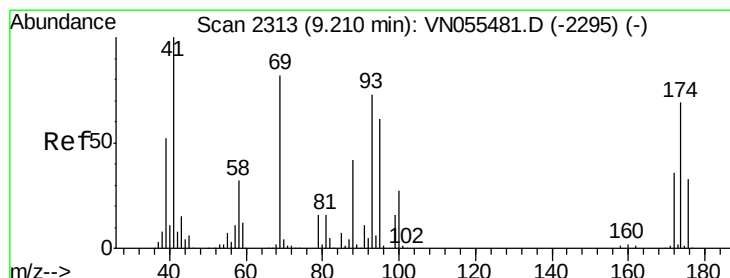
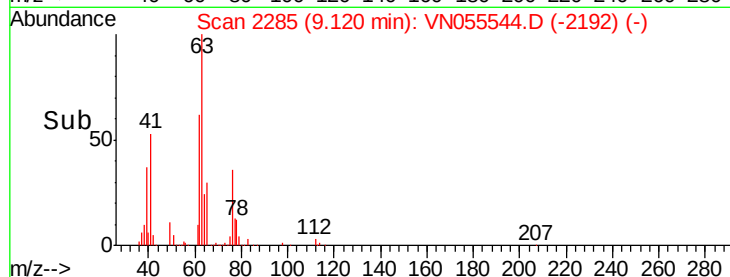
20000

0

9.00 9.10 9.20

9.12

Time-->



#46

Dibromomethane

Concen: 20.005 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

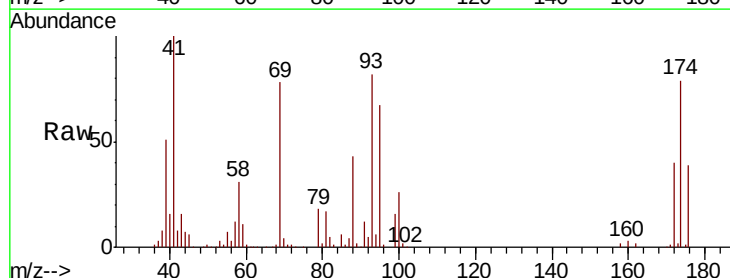
Tgt Ion: 93 Resp: 126327

Ion Ratio Lower Upper

93 100

95 83.0 64.8 97.2

174 95.6 75.0 112.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

80000

60000

40000

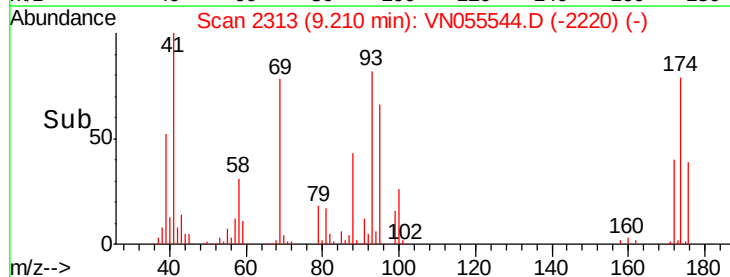
20000

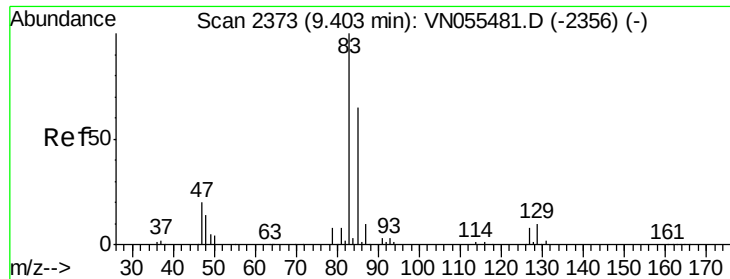
0

9.10 9.15 9.20 9.25 9.30

9.21

Time-->





#47

Bromodichloromethane

Concen: 19.723 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

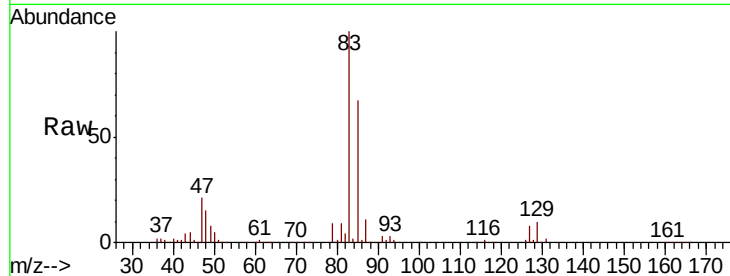
Tot Ion: 83 Resp: 238273

Ion Ratio Lower Upper

83 100

85 67.3 52.2 78.2

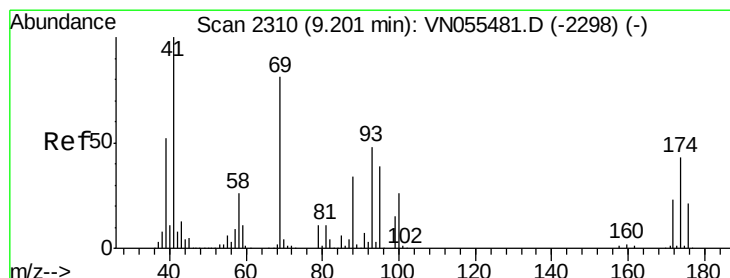
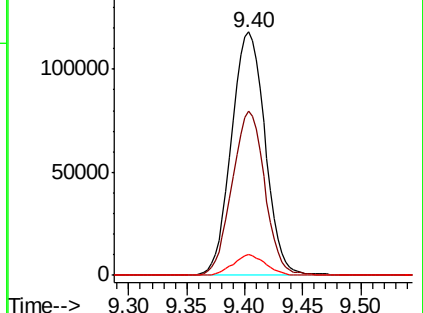
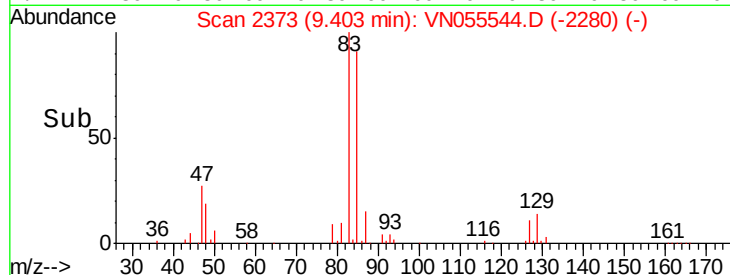
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN055544.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055544.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055544.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.138 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

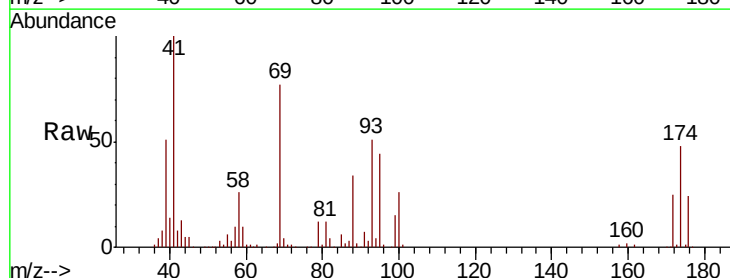
Tgt Ion: 41 Resp: 187476

Ion Ratio Lower Upper

41 100

69 79.3 64.2 96.2

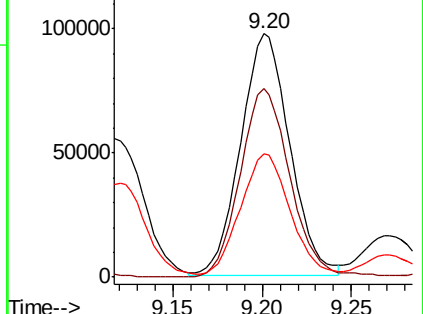
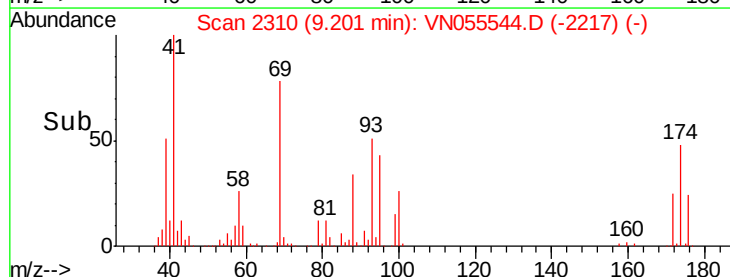
39 51.6 41.6 62.4

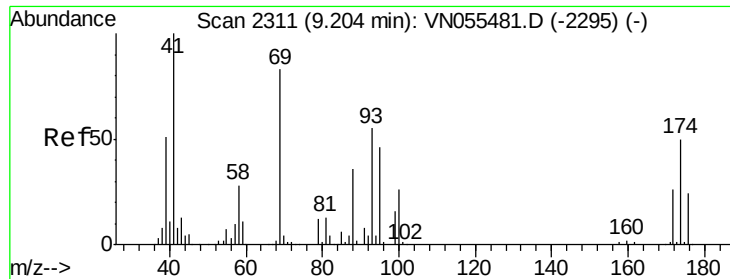


Abundance Ion 41.00 (40.70 to 41.70): VN055544.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055544.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055544.D (-2217) (-)

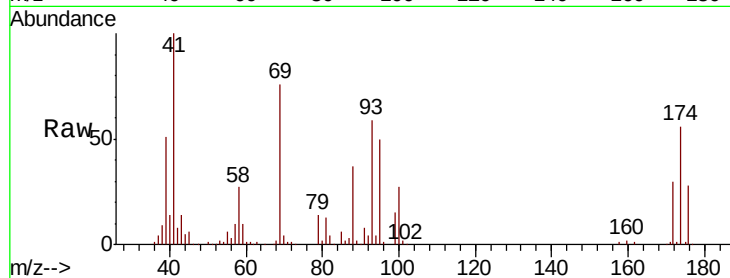




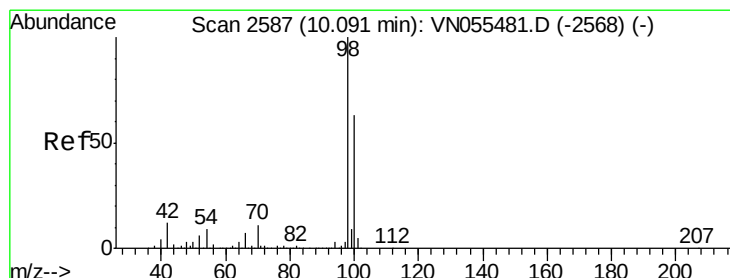
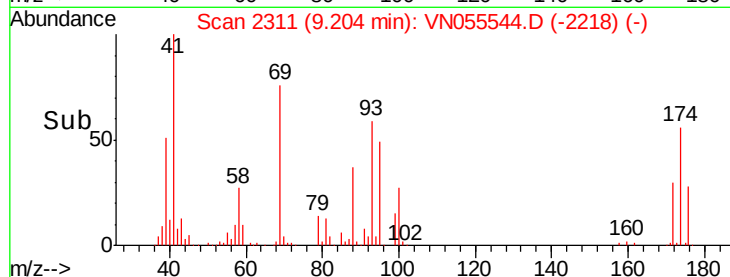
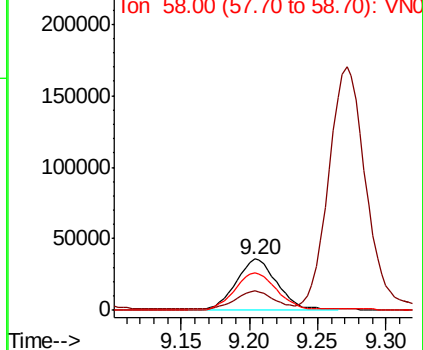
#49
1,4-Dioxane
Concen: 396.954 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS02

Tot Ion: 88 Resp: 75790
Ion Ratio Lower Upper
88 100
43 33.1 27.8 41.8
58 75.0 61.8 92.6

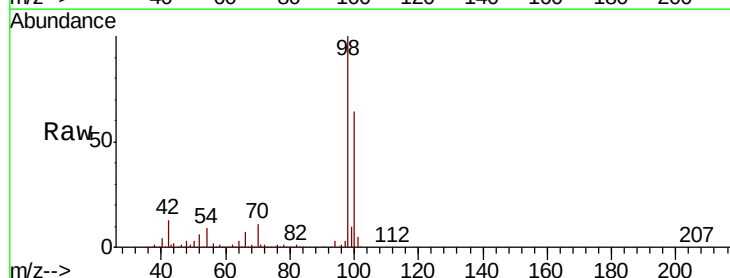


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

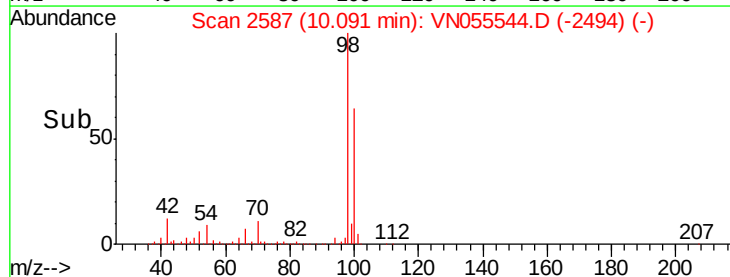
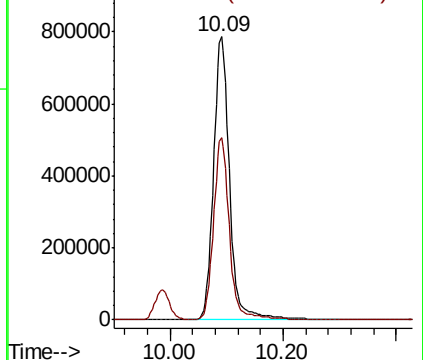


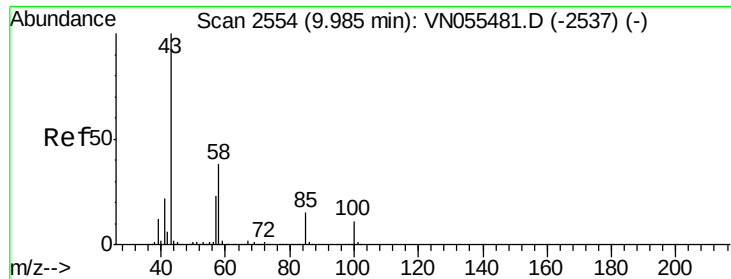
#50
Toluene-d8
Concen: 49.236 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Tgt Ion: 98 Resp: 1541337
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6



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: 93.289 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

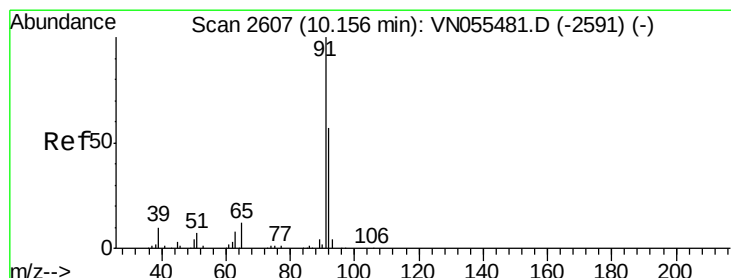
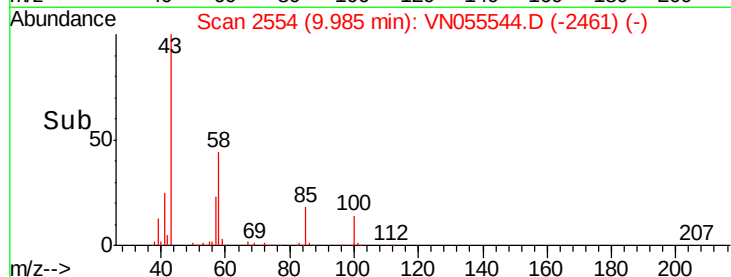
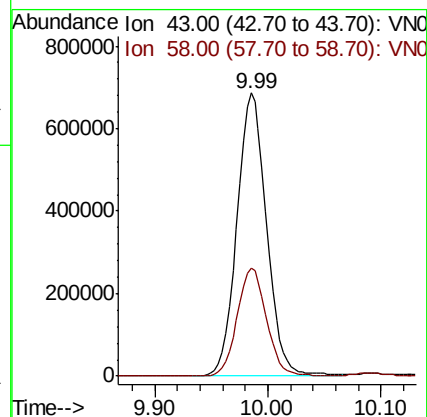
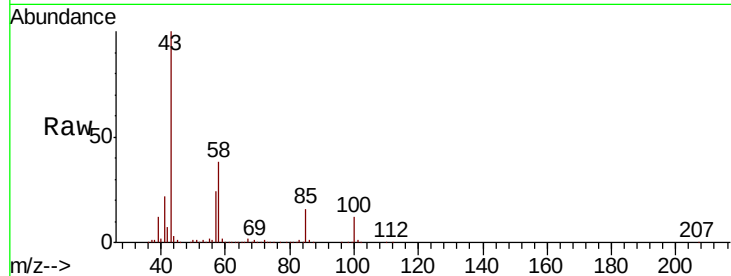
VN0510WBS02

Tot Ion: 43 Resp: 1247468

Ion Ratio Lower Upper

43 100

58 38.0 29.9 44.9



#52

Toluene

Concen: 20.403 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055544.D

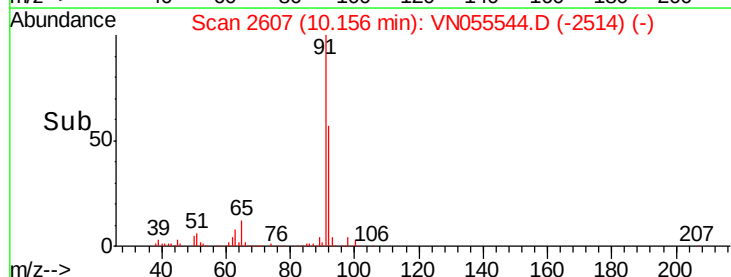
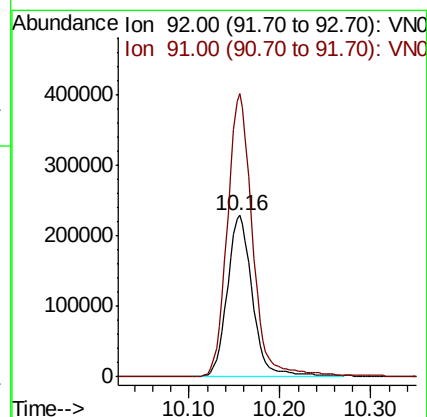
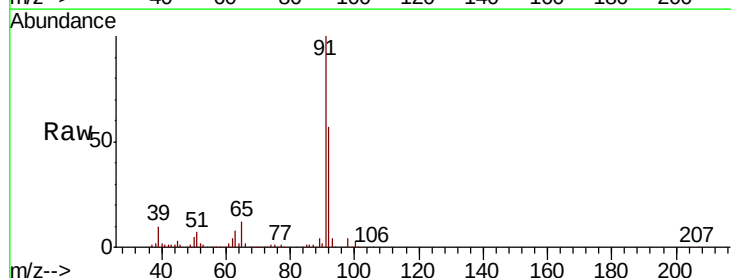
Acq: 10 May 2019 11:56

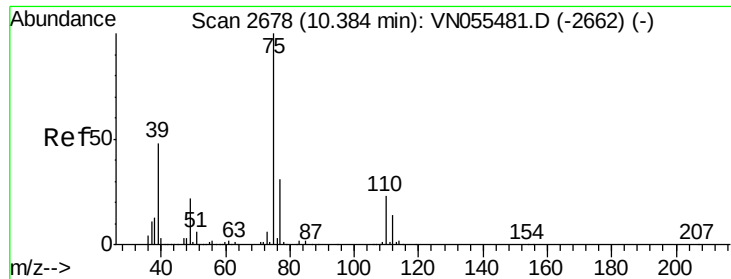
Tgt Ion: 92 Resp: 444135

Ion Ratio Lower Upper

92 100

91 176.1 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 20.044 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

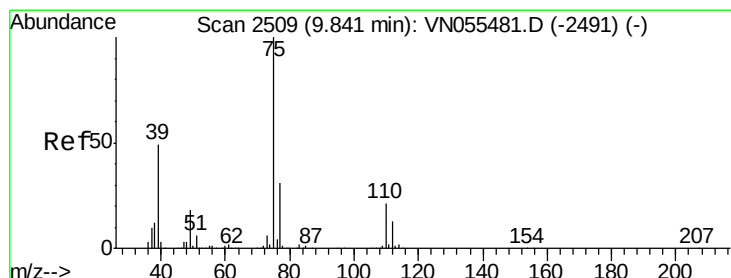
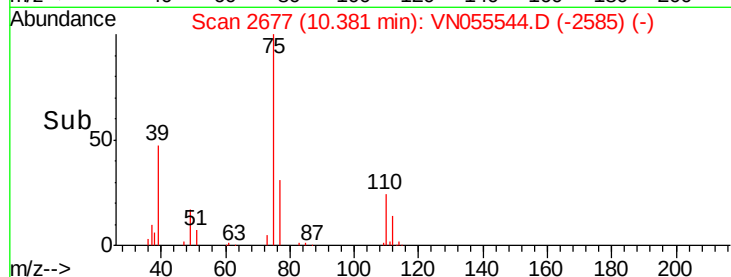
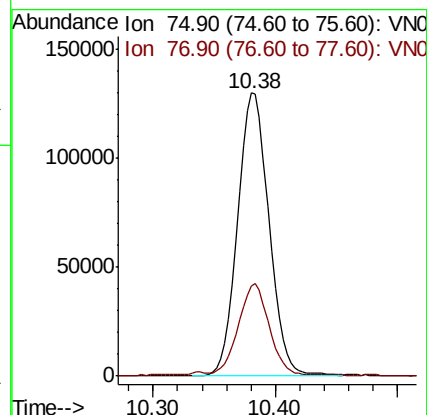
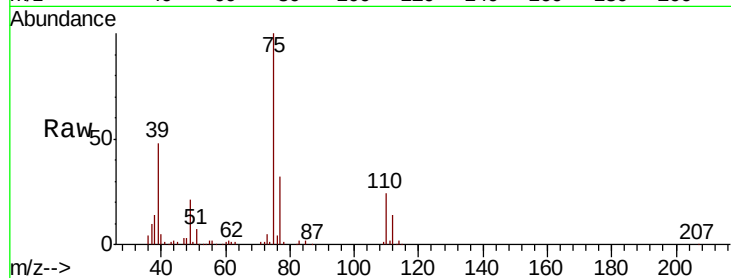
VN0510WBS02

Tot Ion: 75 Resp: 232572

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.018 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

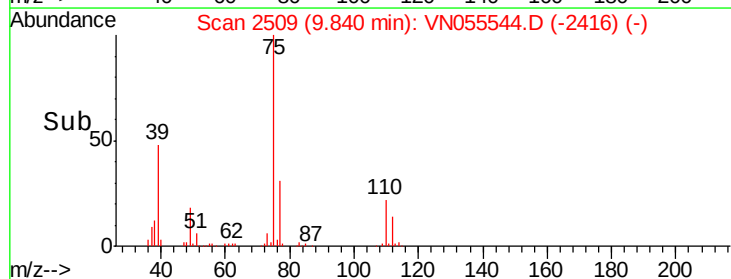
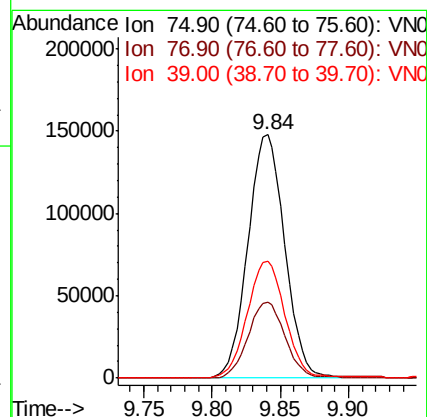
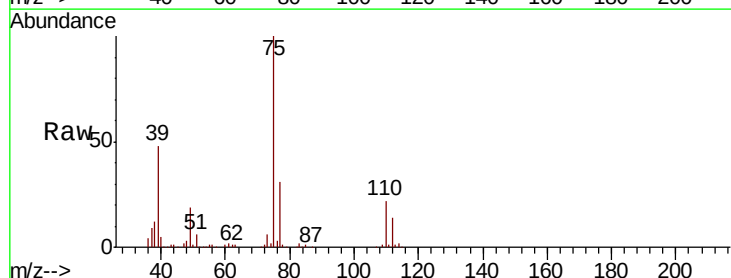
Tgt Ion: 75 Resp: 277550

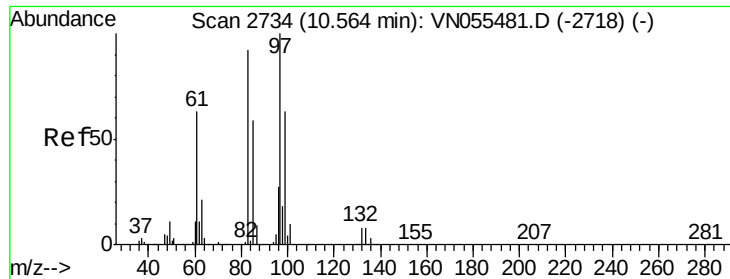
Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6

39 47.9 39.5 59.3

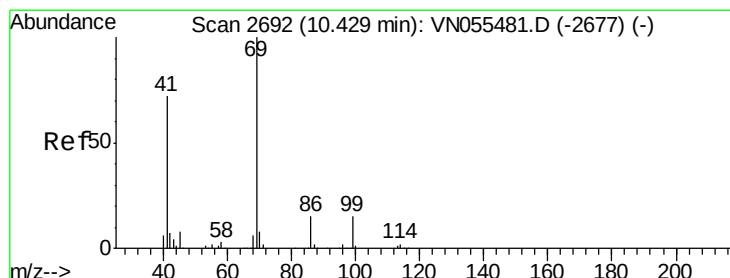
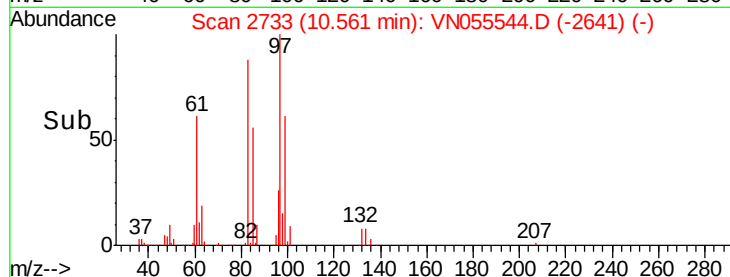
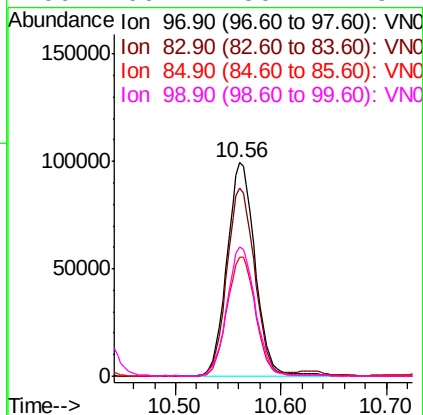
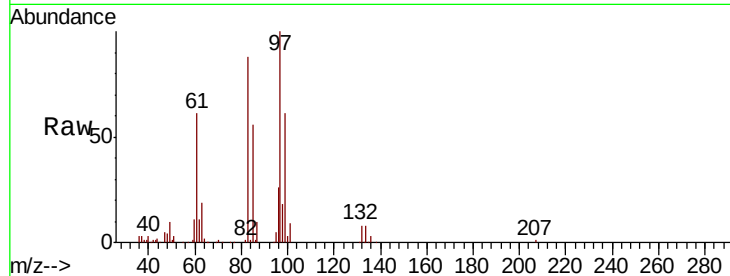




#55
 1,1,2-Trichloroethane
 Concen: 20.816 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

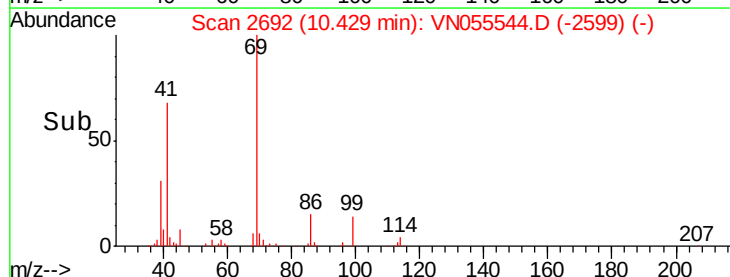
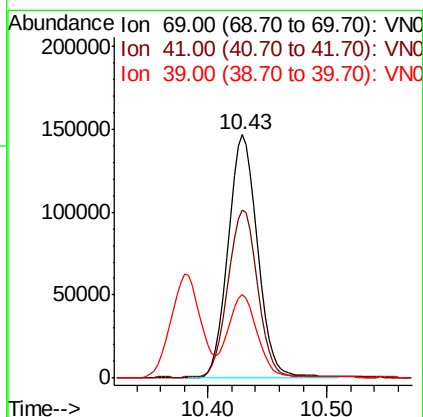
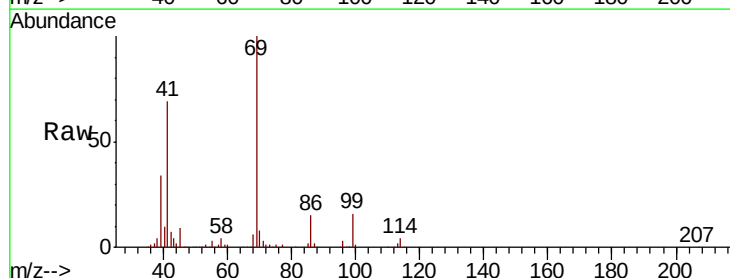
Instrument :
 MSVOA_N
 ClientSampled :
 VN0510WBS02

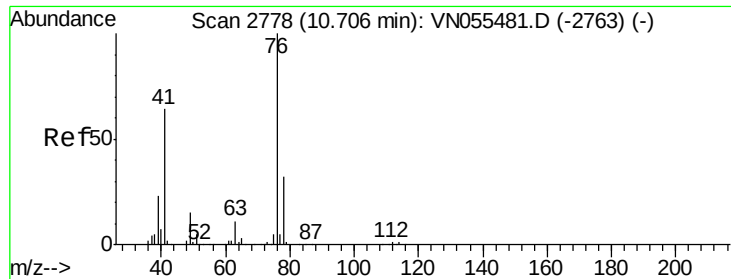
Tot Ion	97	Resp	183594
Ion	Ratio	Lower	Upper
97	100		
83	88.4	73.2	109.8
85	55.9	47.5	71.3
99	60.7	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 19.248 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Tgt Ion	69	Resp	252512
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.2	84.2
39	33.0	27.8	41.6

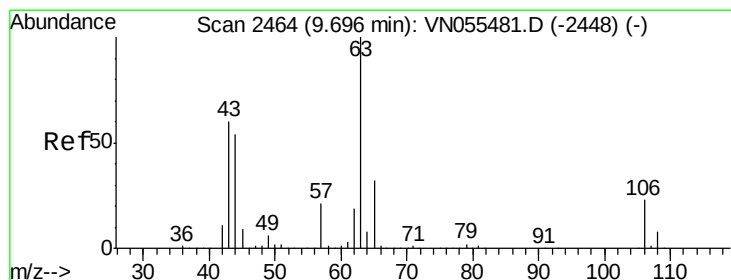
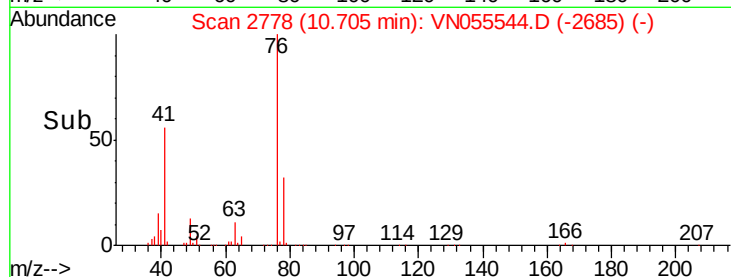
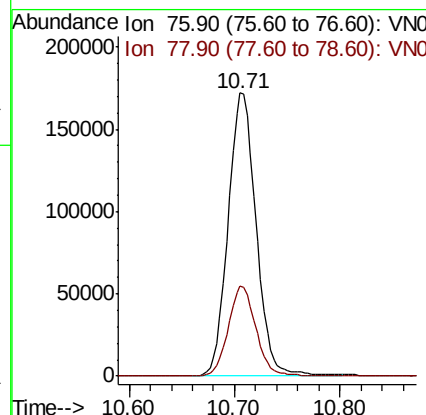
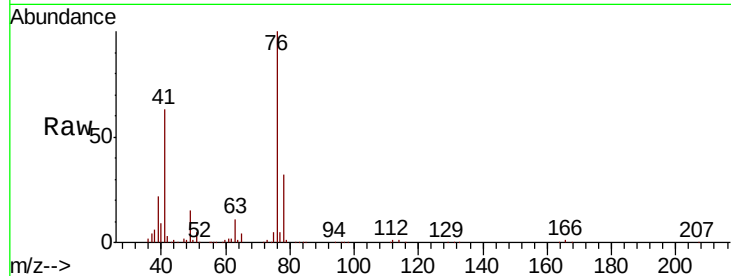




#57
 1,3-Dichloropropane
 Concen: 20.232 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

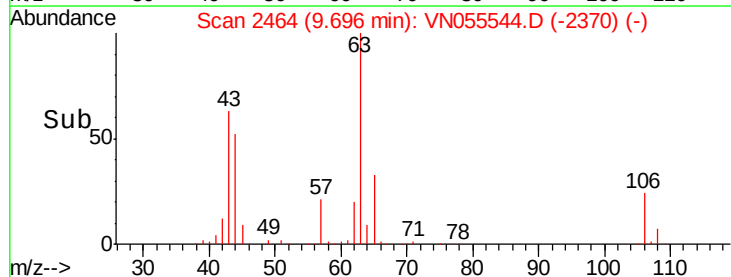
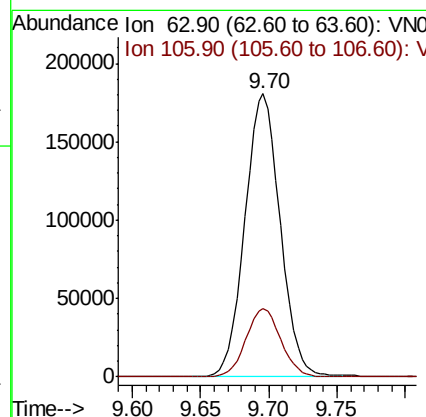
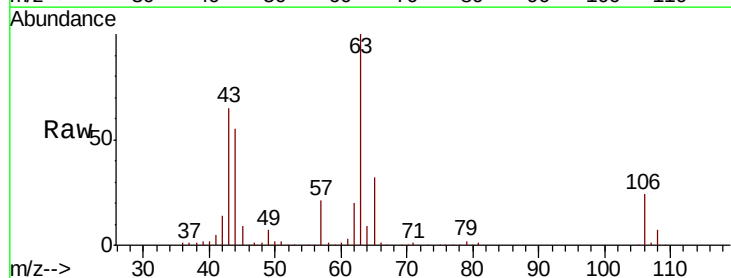
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS02

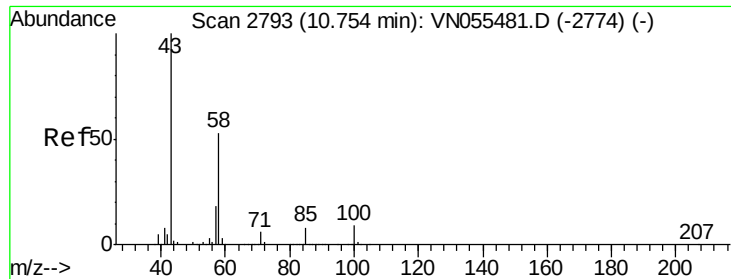
Tot Ion: 76 Resp: 316792
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.149 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Tgt Ion: 63 Resp: 323737
 Ion Ratio Lower Upper
 63 100
 106 23.9 18.6 27.8

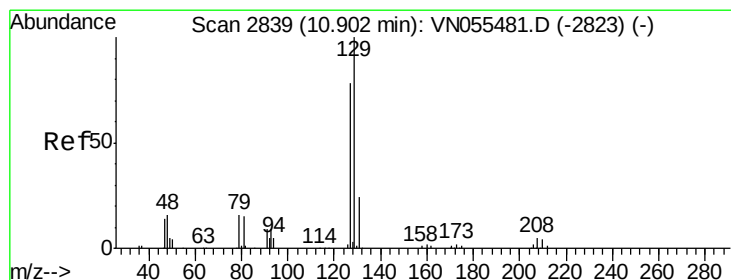
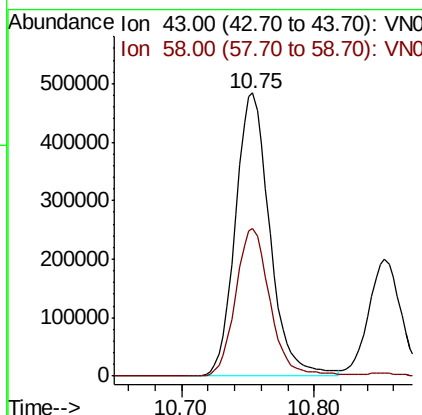
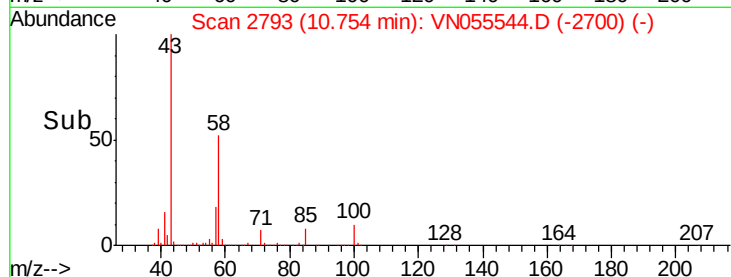
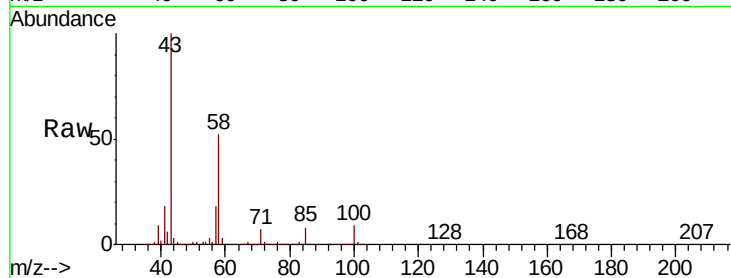




#59
2-Hexanone
Concen: 92.506 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

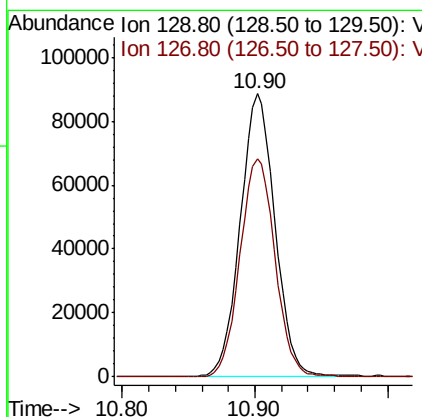
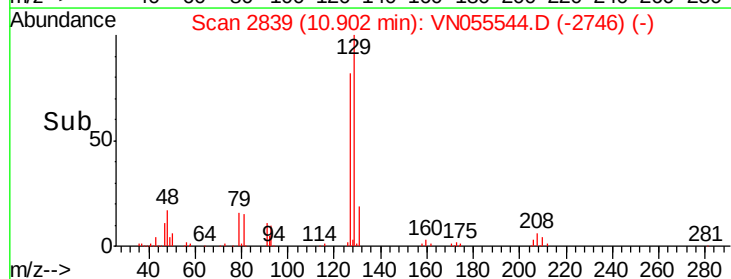
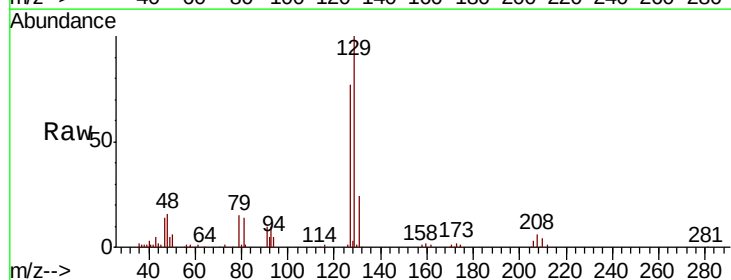
Instrument :
MSVOA_N
ClientSampled :
VN0510WBS02

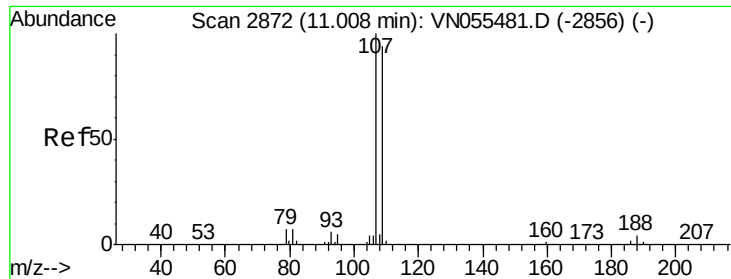
Tot Ion: 43 Resp: 867504
Ion Ratio Lower Upper
43 100
58 52.5 26.4 79.0



#60
Dibromochloromethane
Concen: 20.090 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Tgt Ion: 129 Resp: 161101
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0

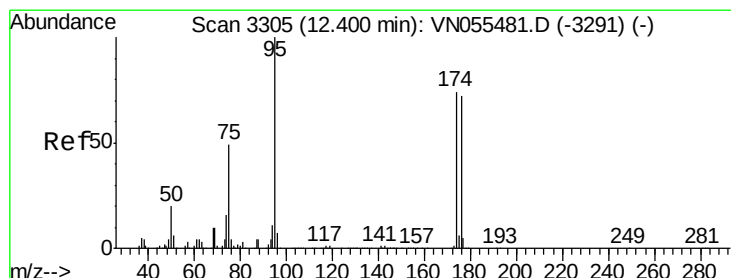
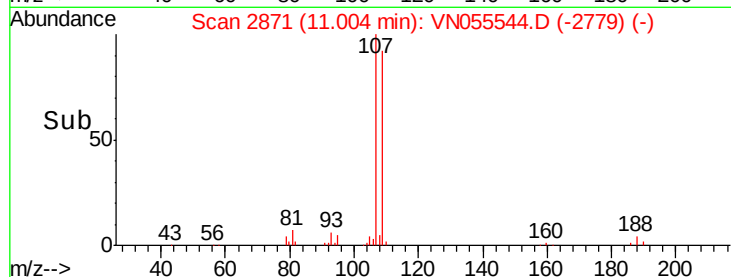
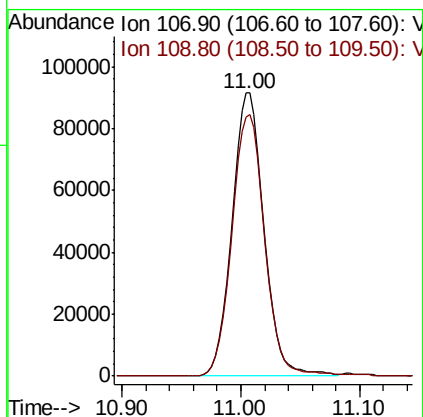
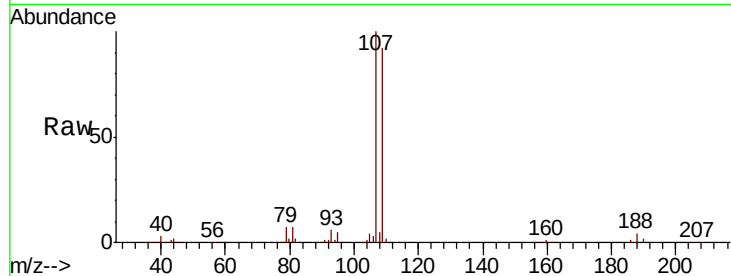




#61
 1,2-Dibromoethane
 Concen: 20.050 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

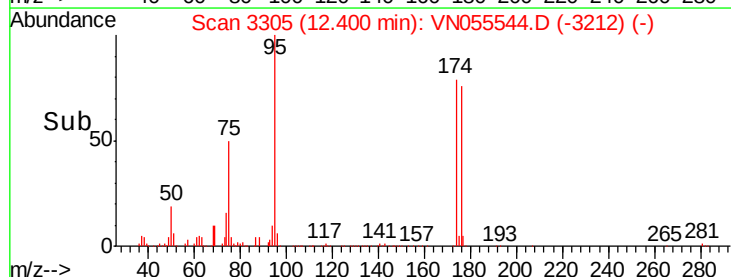
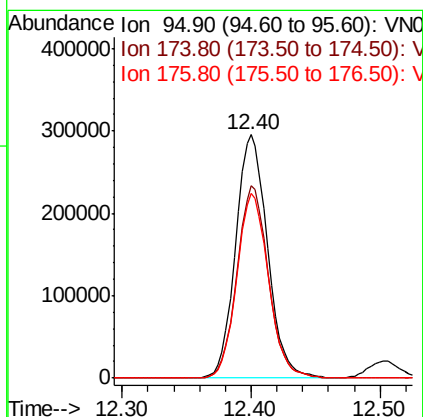
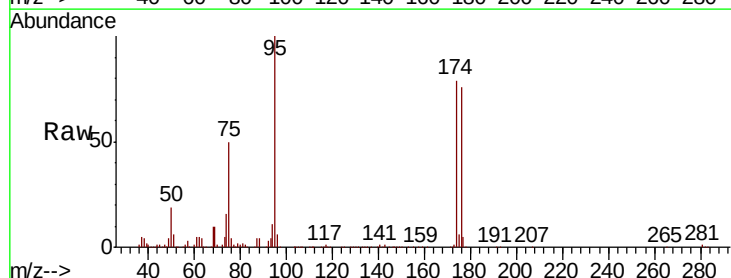
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS02

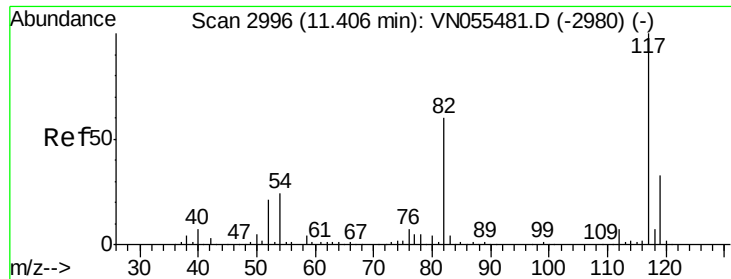
Tot Ion: 107 Resp: 169906
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 48.003 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Tgt Ion: 95 Resp: 506705
 Ion Ratio Lower Upper
 95 100
 174 78.3 0.0 152.2
 176 75.7 0.0 147.8

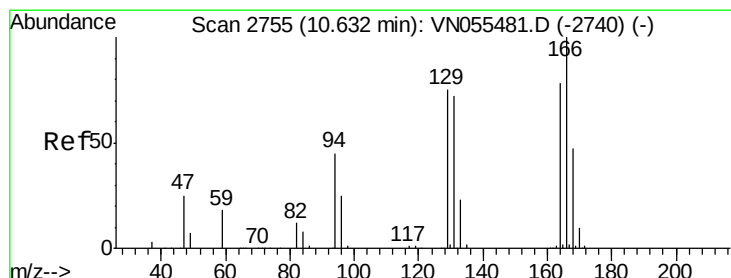
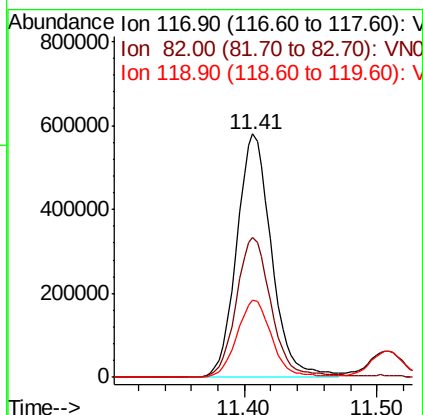
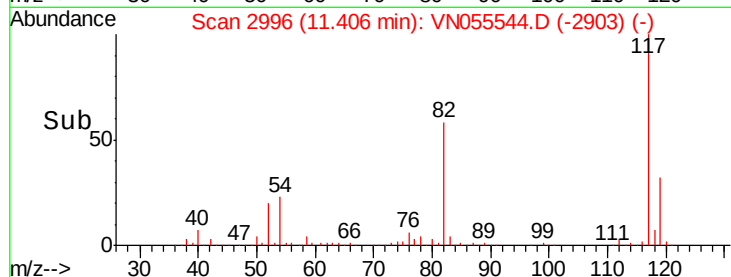
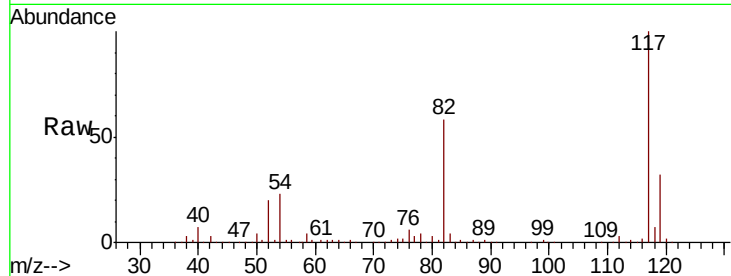




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

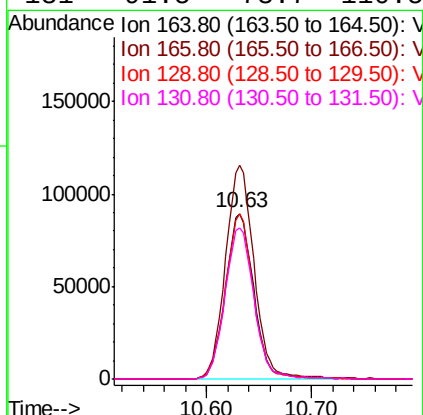
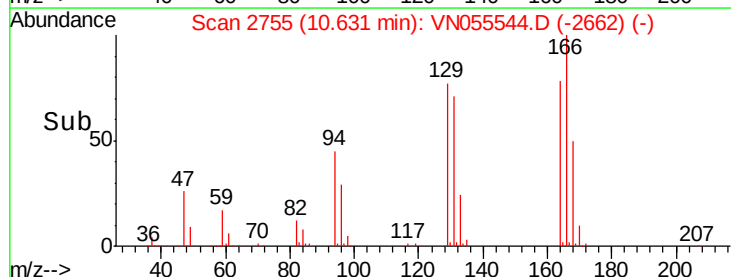
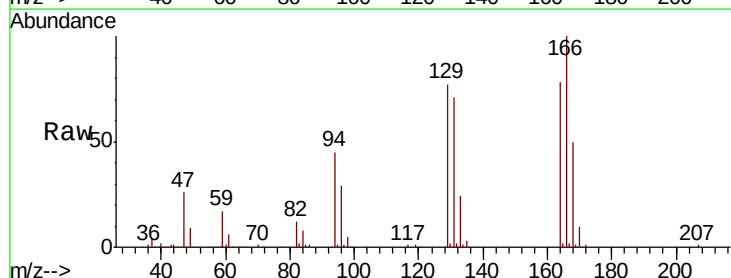
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS02

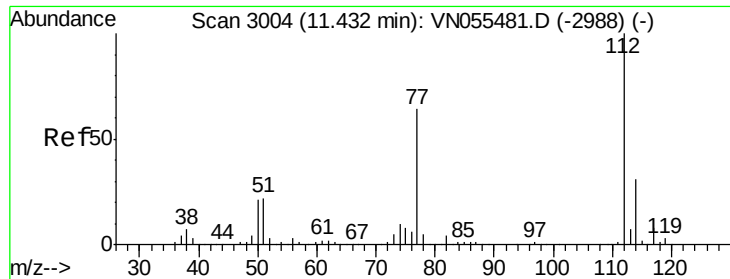
Tot Ion:117 Resp: 1056188
Ion Ratio Lower Upper
117 100
82 57.5 48.0 72.0
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 19.218 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Tgt Ion:164 Resp: 166317
Ion Ratio Lower Upper
164 100
166 129.0 102.6 153.8
129 99.5 77.0 115.6
131 91.5 73.7 110.5

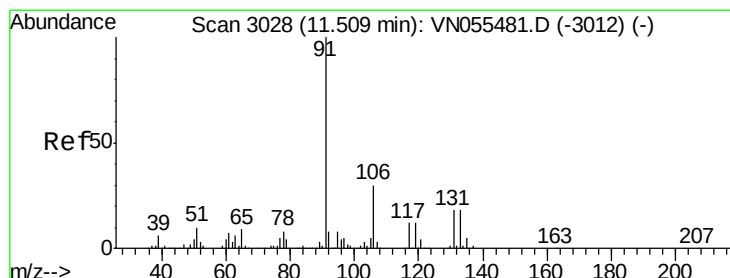
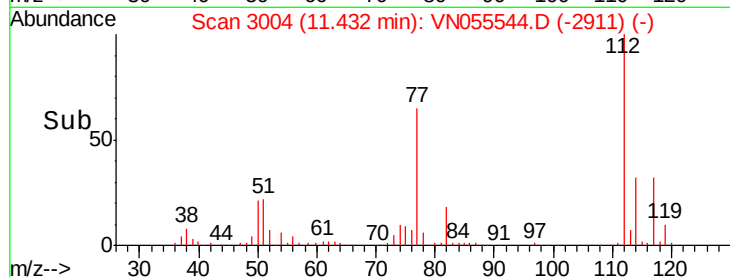
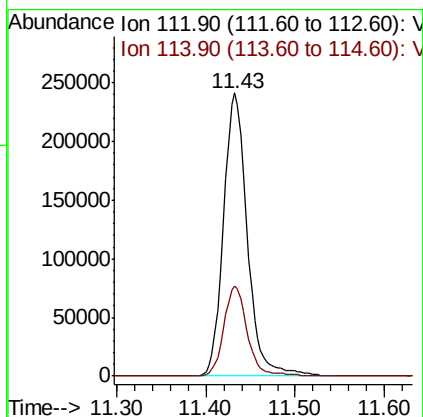
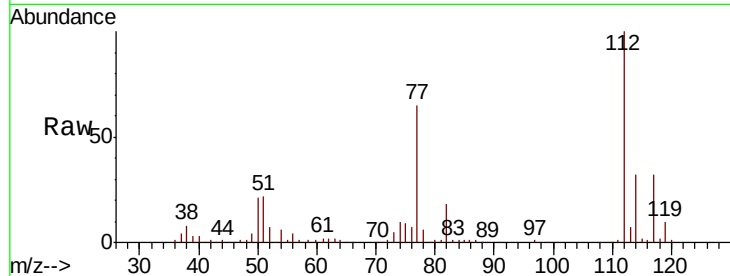




#65
Chlorobenzene
Concen: 20.607 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

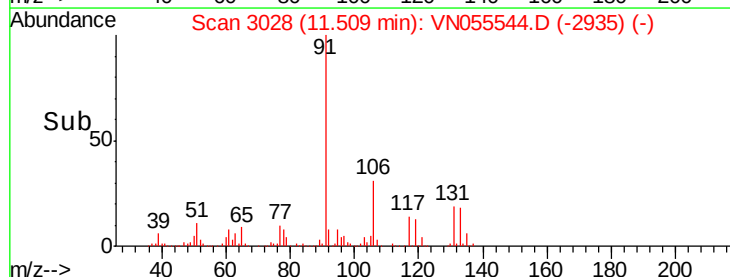
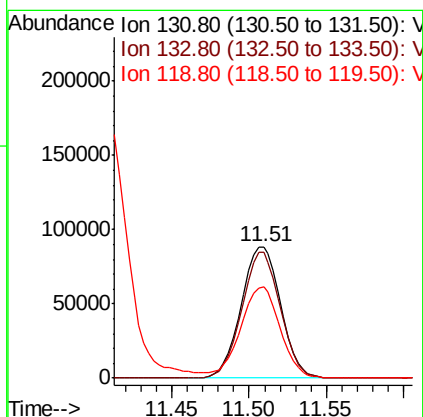
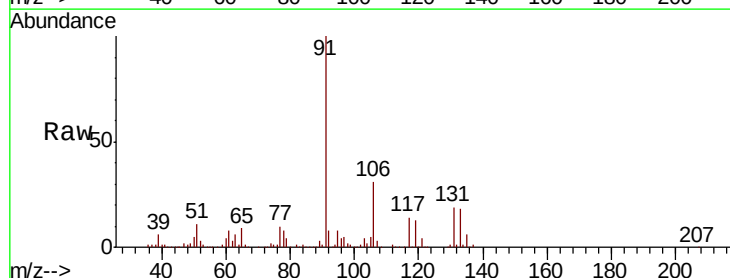
Instrument :
MSVOA_N
ClientSampled :
VN0510WBS02

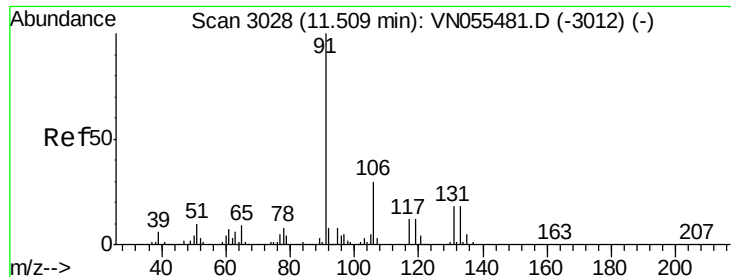
Tot Ion:112 Resp: 447786
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.005 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Tgt Ion:131 Resp: 157132
Ion Ratio Lower Upper
131 100
133 94.0 47.4 142.2
119 69.9 34.1 102.2

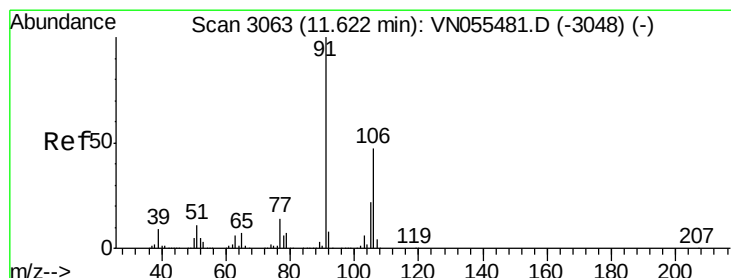
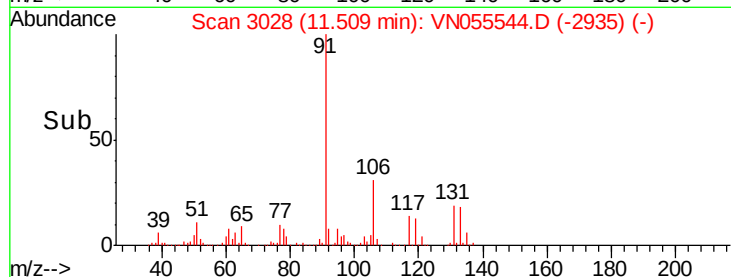
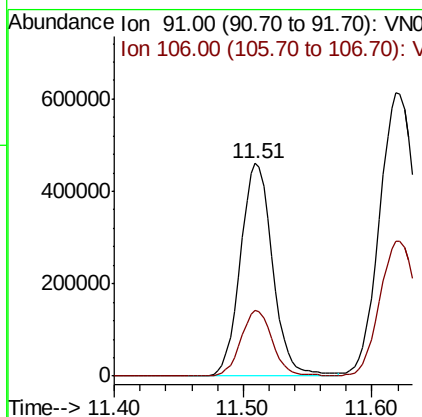
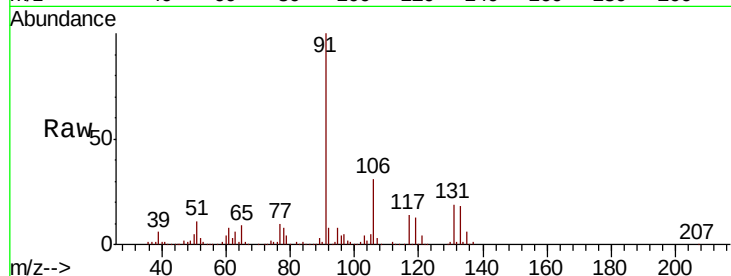




#67
Ethyl Benzene
Concen: 19.635 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

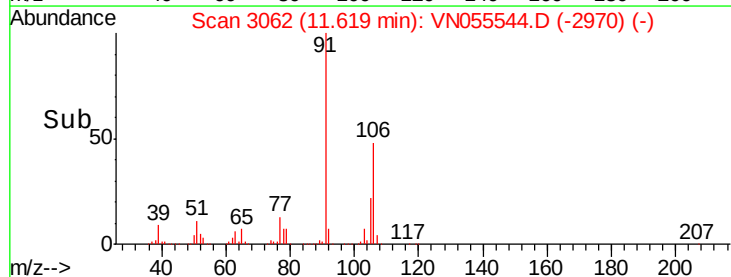
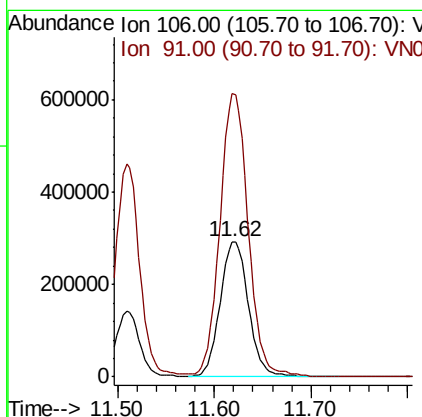
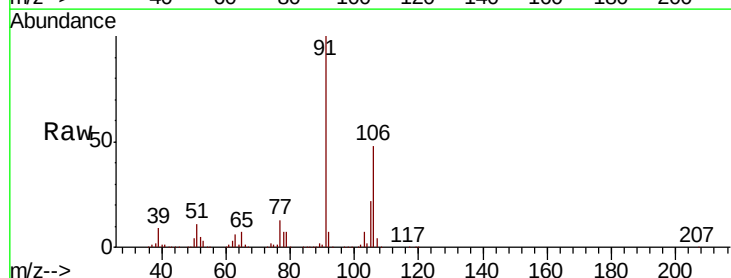
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS02

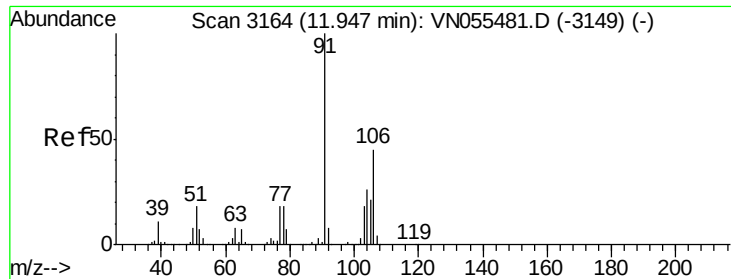
Tot Ion: 91 Resp: 801323
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.6



#68
m/p-Xylenes
Concen: 40.715 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Tgt Ion: 106 Resp: 596307
Ion Ratio Lower Upper
106 100
91 209.0 169.2 253.8

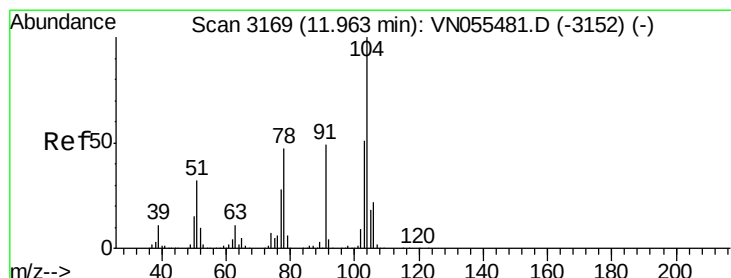
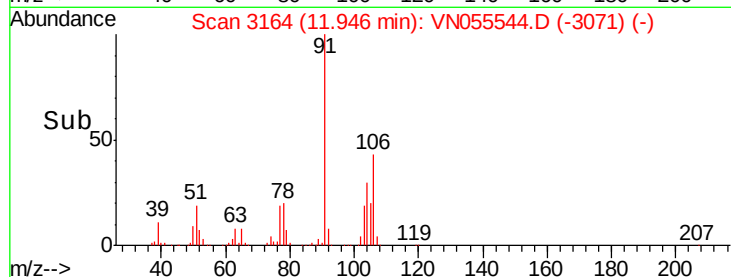
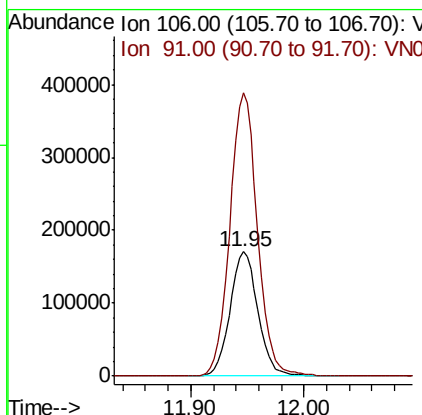
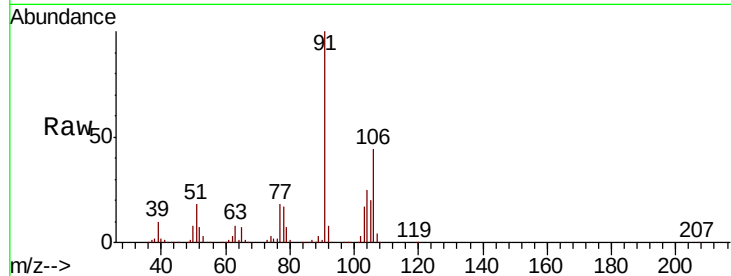




#69
o-Xylene
Concen: 20.275 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

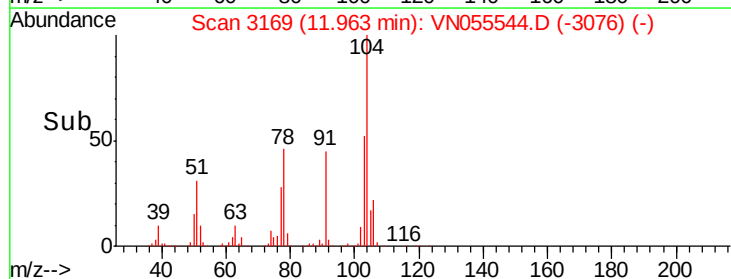
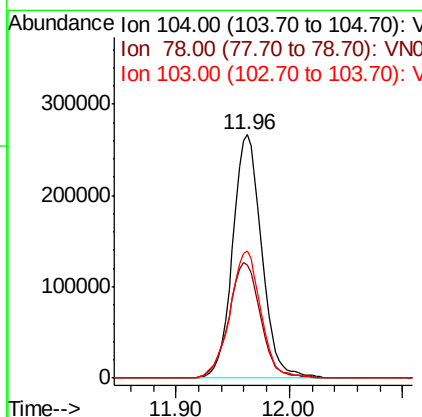
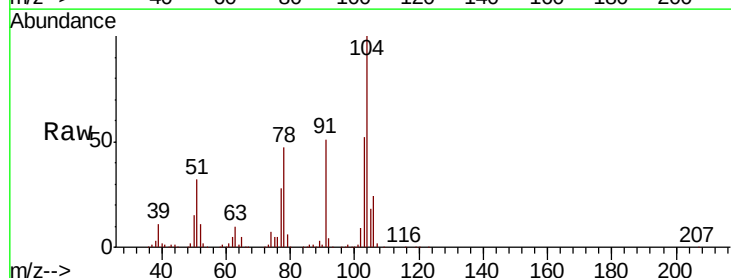
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS02

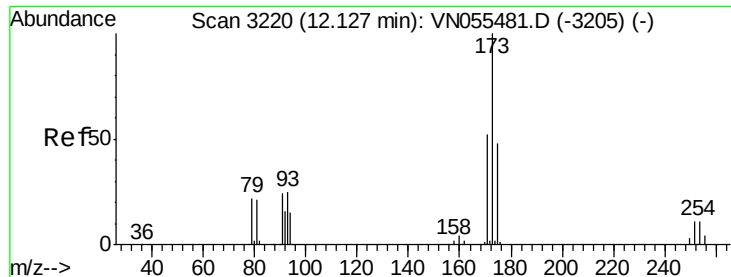
Tot Ion:106 Resp: 291859
Ion Ratio Lower Upper
106 100
91 224.8 111.3 333.8



#70
Styrene
Concen: 20.658 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055544.D
Acq: 10 May 2019 11:56

Tgt Ion:104 Resp: 476426
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 55.5 44.4 66.6





#71

Bromoform

Concen: 20.318 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

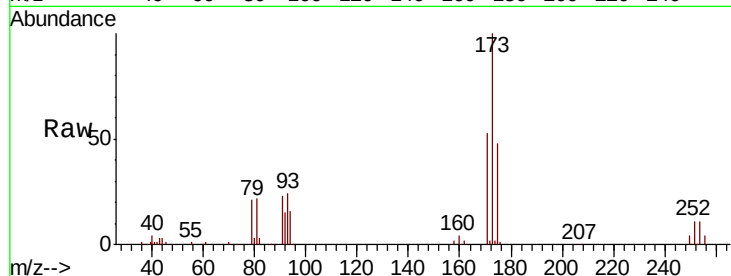
Tot Ion:173 Resp: 102568

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

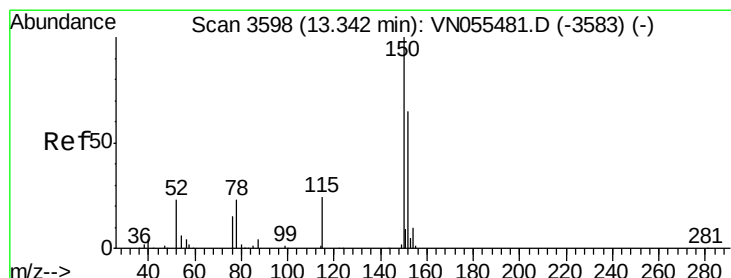
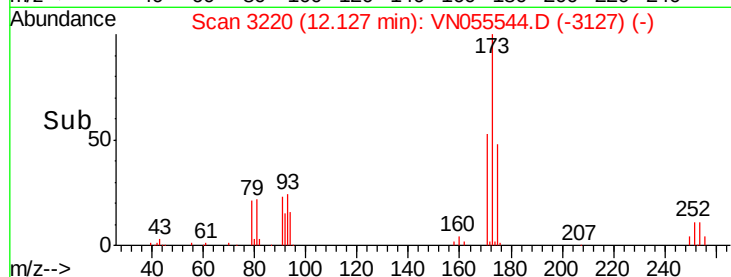
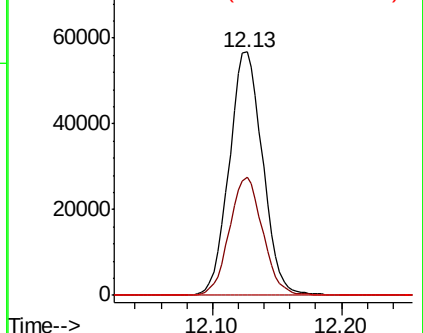
254 0.1 0.1 0.1#



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: VN055544.D

Acq: 10 May 2019 11:56

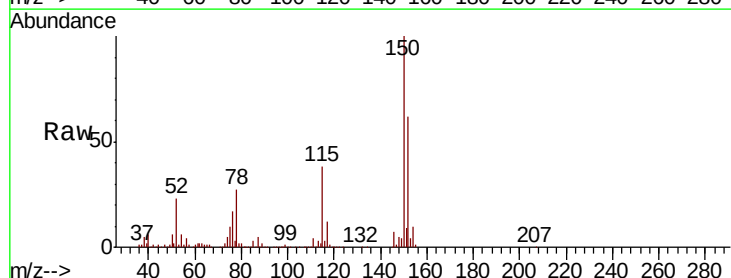
Tgt Ion:152 Resp: 411766

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.5

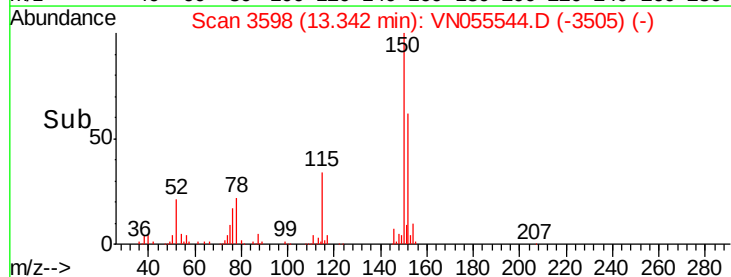
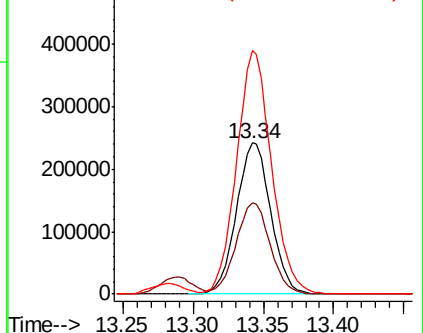
150 164.4 0.0 355.0

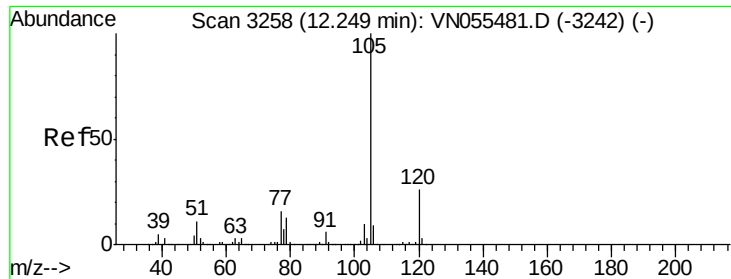


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.607 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

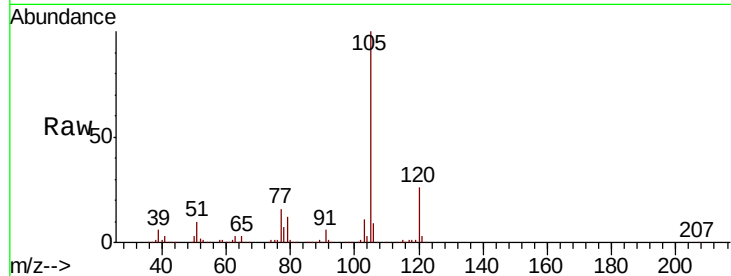
VN0510WBS02

Tot Ion:105 Resp: 781922

Ion Ratio Lower Upper

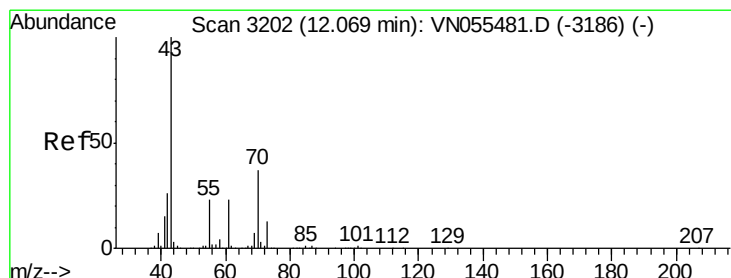
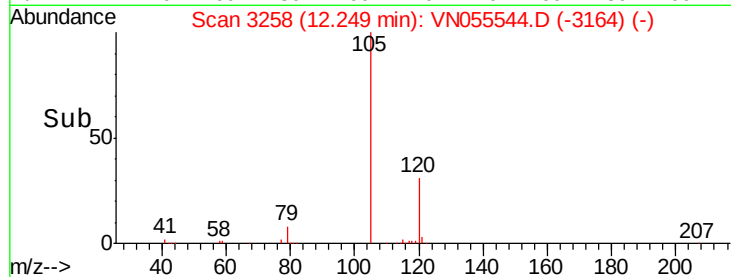
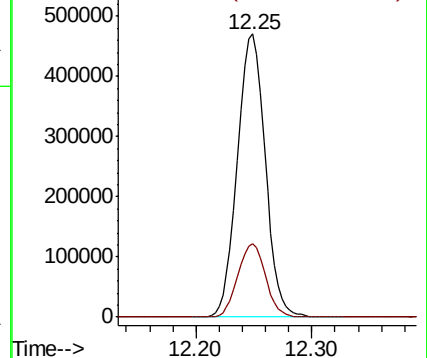
105 100

120 25.7 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.560 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Tgt Ion: 43 Resp: 290150

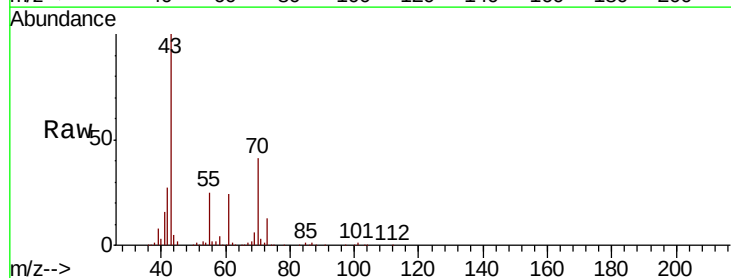
Ion Ratio Lower Upper

43 100

70 40.0 30.7 46.1

55 25.3 19.3 28.9

61 24.0 18.6 27.8

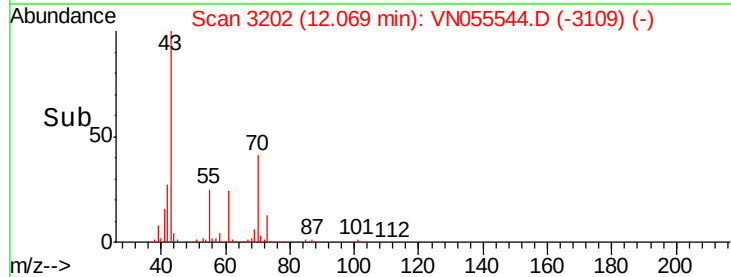
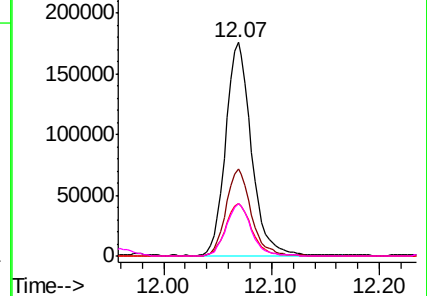


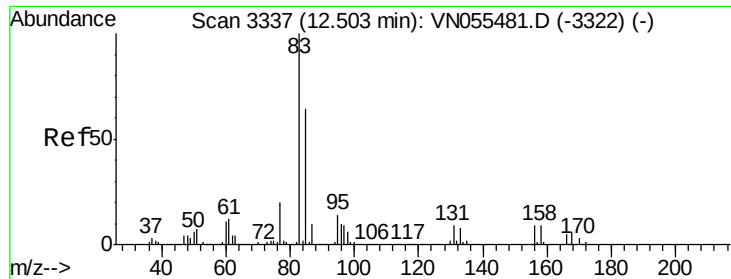
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.314 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

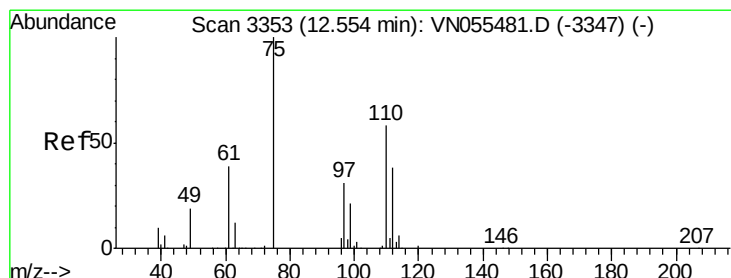
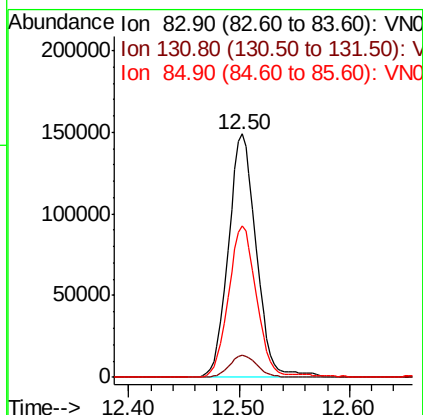
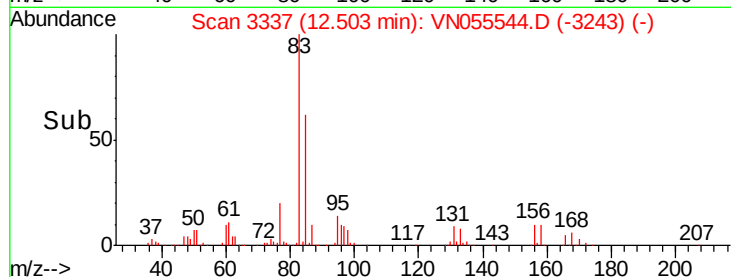
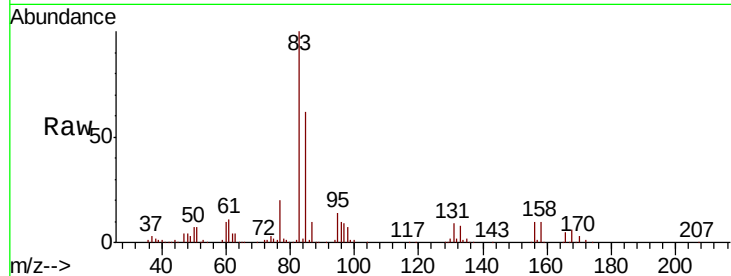
Tot Ion: 83 Resp: 261284

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.5

85 61.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 25.996 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055544.D

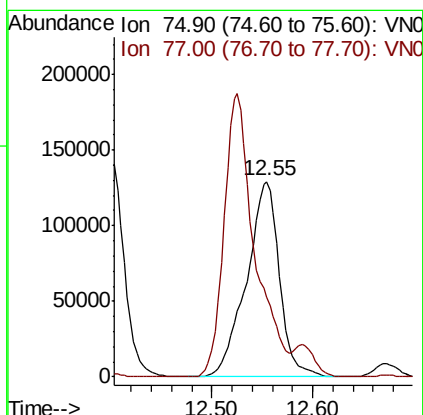
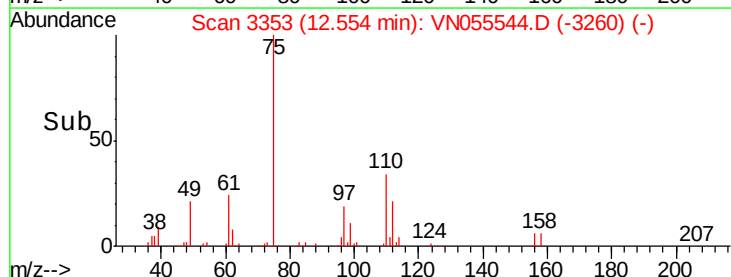
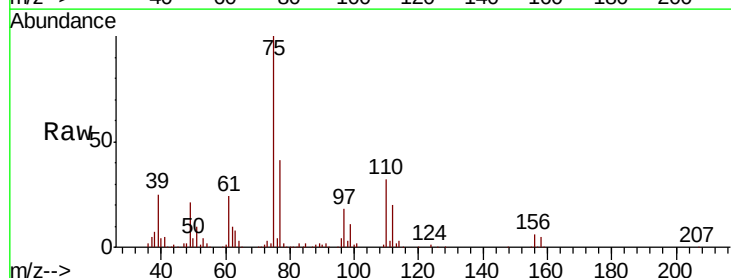
Acq: 10 May 2019 11:56

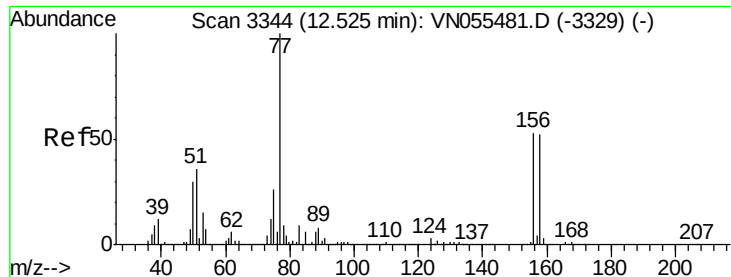
Tgt Ion: 75 Resp: 291402

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.644 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

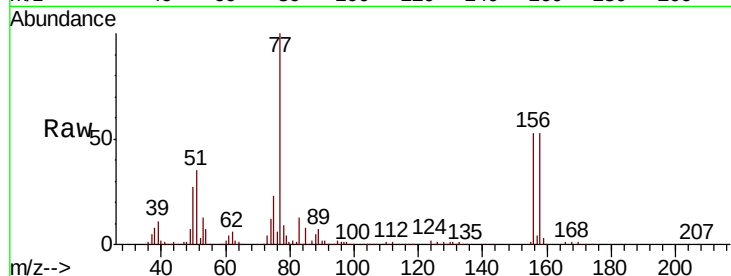
Tot Ion:156 Resp: 178264

Ion Ratio Lower Upper

156 100

77 223.3 115.4 346.2

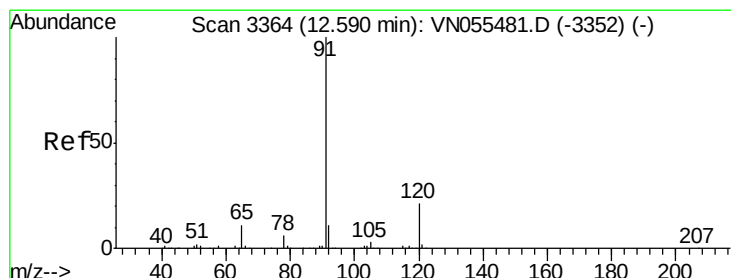
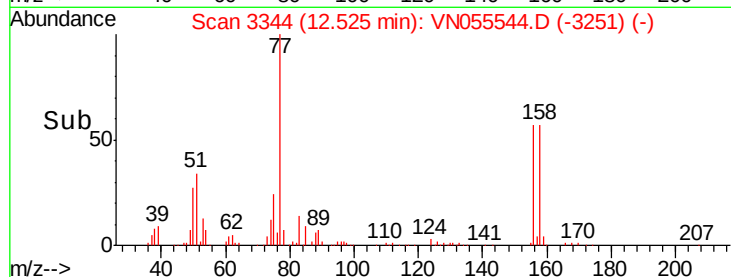
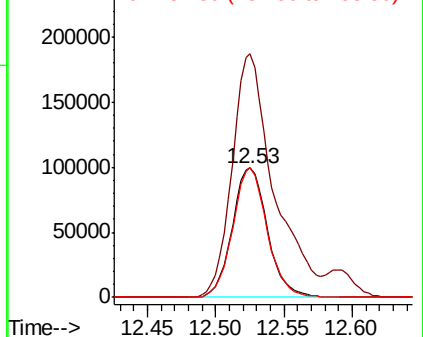
158 97.6 48.7 146.1



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: 19.463 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055544.D

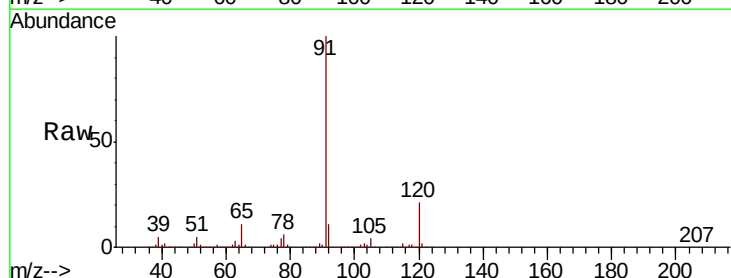
Acq: 10 May 2019 11:56

Tgt Ion: 91 Resp: 859570

Ion Ratio Lower Upper

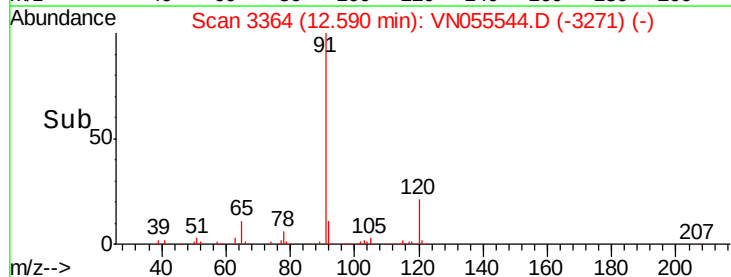
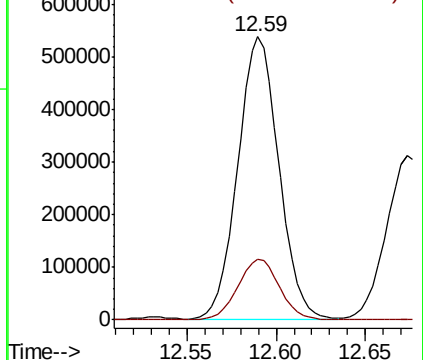
91 100

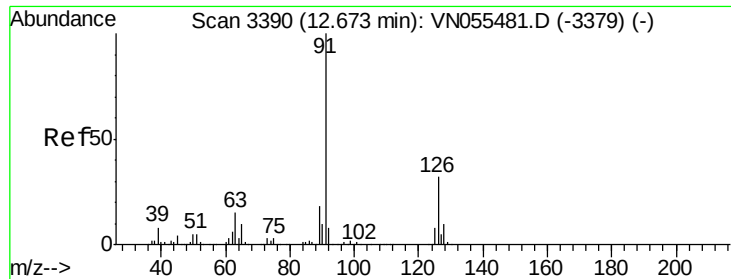
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.194 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

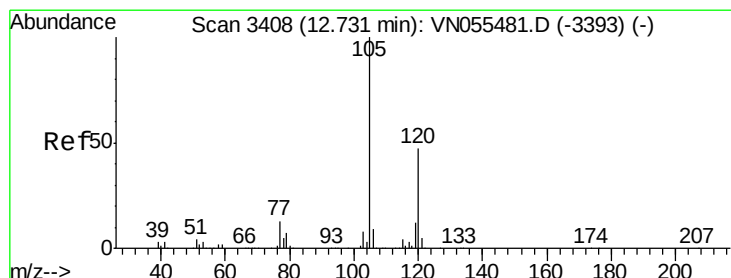
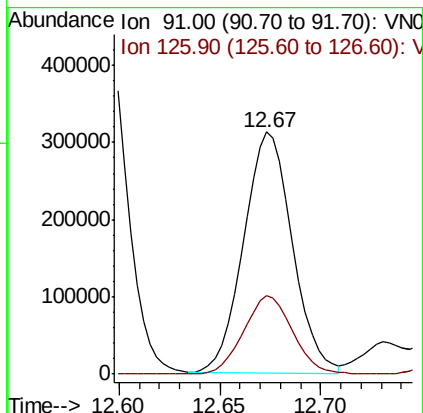
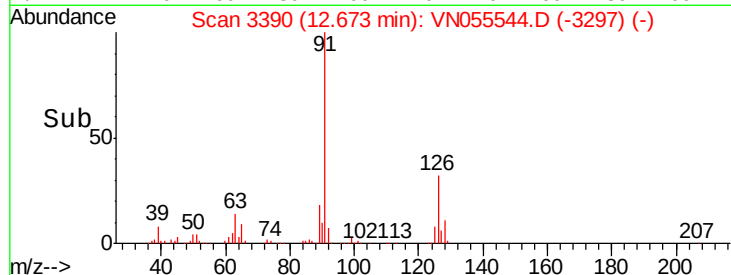
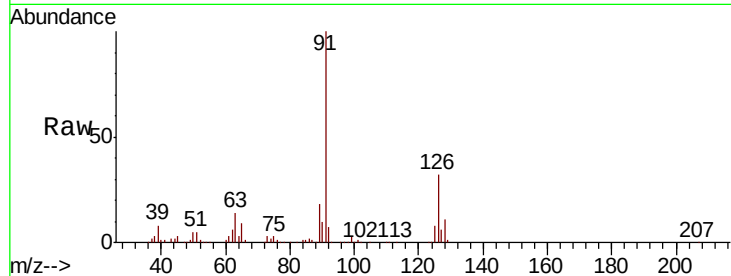
VN0510WBS02

Tot Ion: 91 Resp: 528290

Ion Ratio Lower Upper

91 100

126 32.9 16.0 47.9



#80

1,3,5-Trimethylbenzene

Concen: 19.818 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055544.D

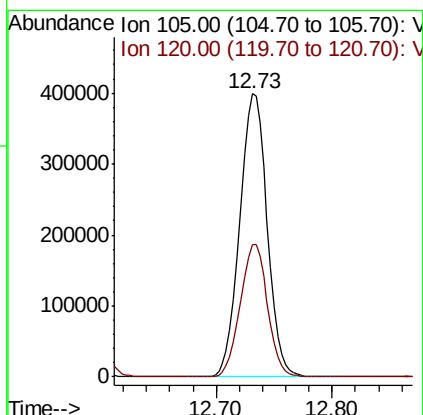
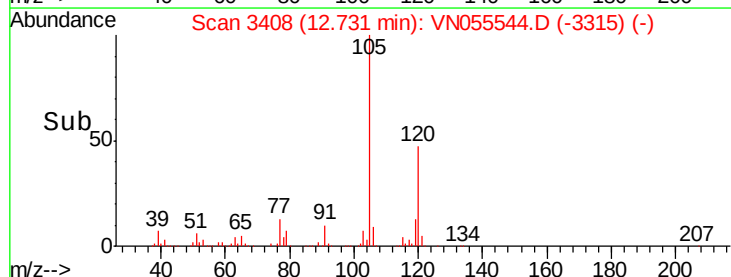
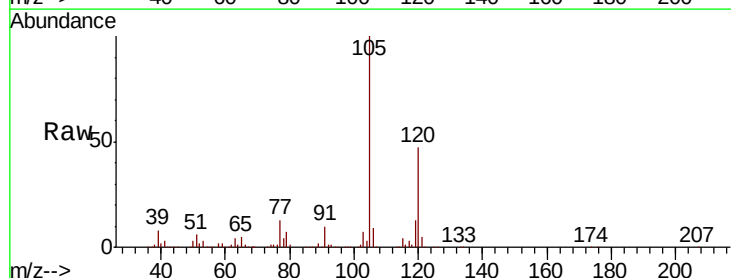
Acq: 10 May 2019 11:56

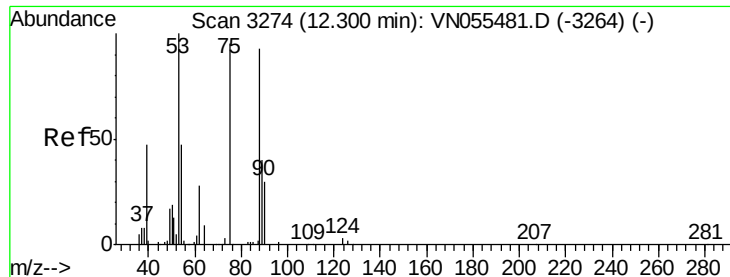
Tgt Ion: 105 Resp: 652613

Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.652 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

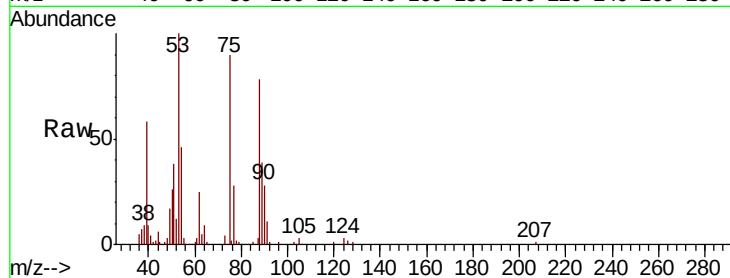
Tot Ion: 75 Resp: 53625

Ion Ratio Lower Upper

75 100

53 113.4 86.5 129.7

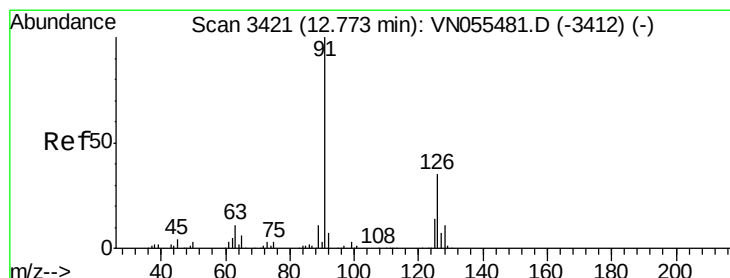
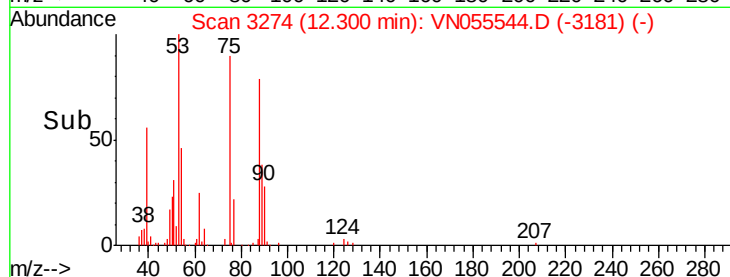
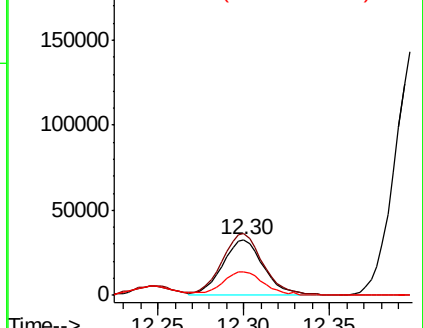
89 42.3 35.7 53.5



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: 19.302 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055544.D

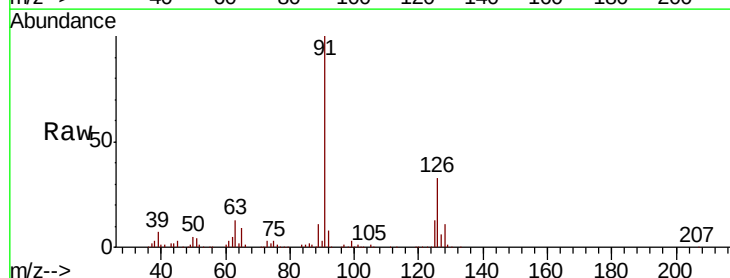
Acq: 10 May 2019 11:56

Tgt Ion: 91 Resp: 501994

Ion Ratio Lower Upper

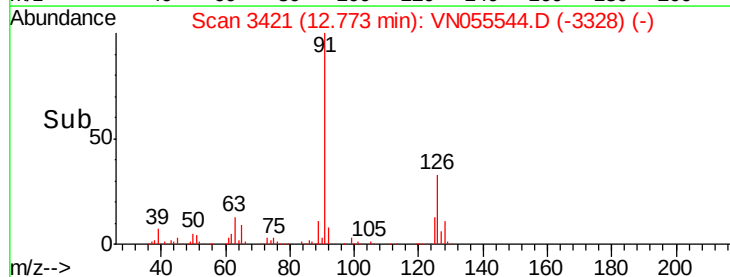
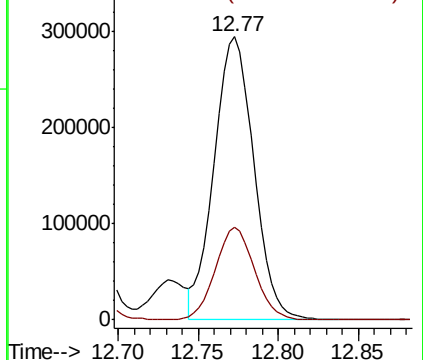
91 100

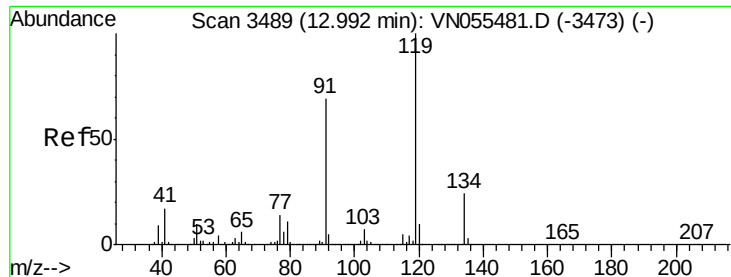
126 32.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

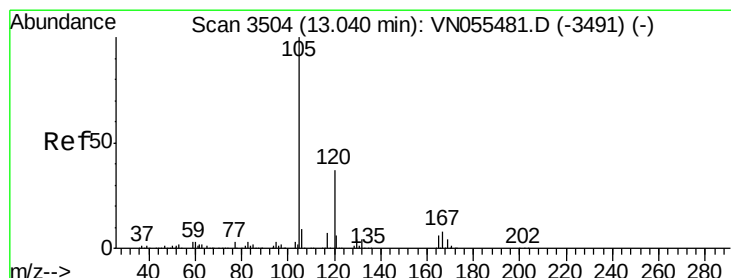
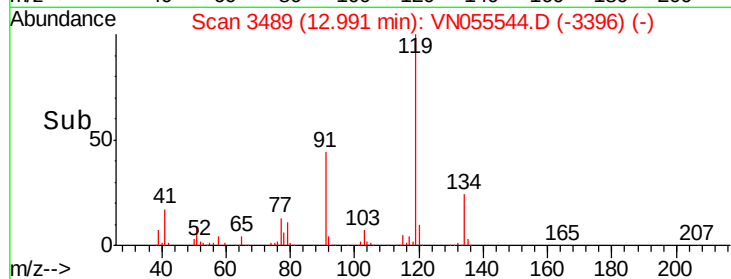
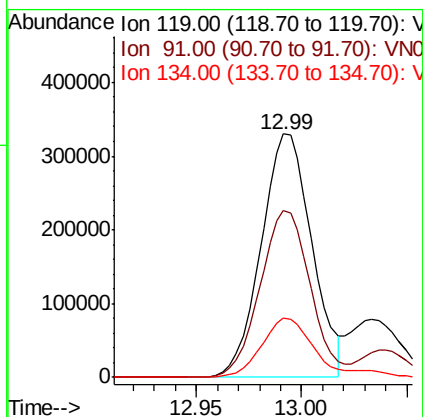
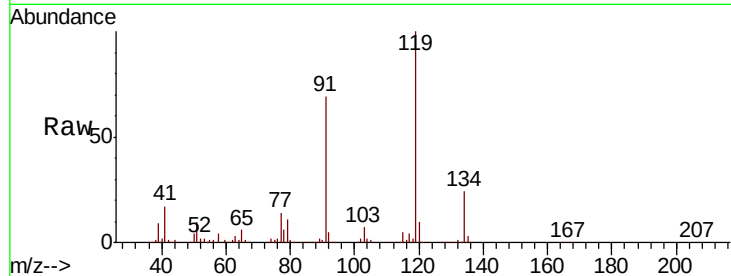




#83
 tert-Butylbenzene
 Concen: 19.542 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

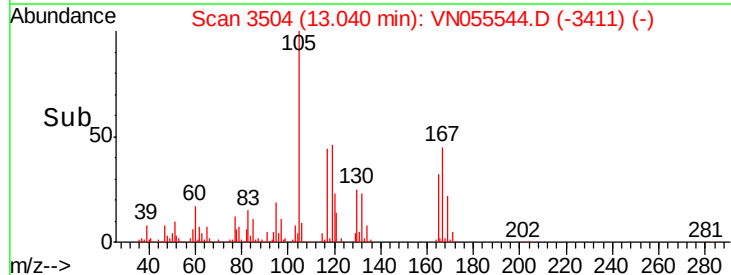
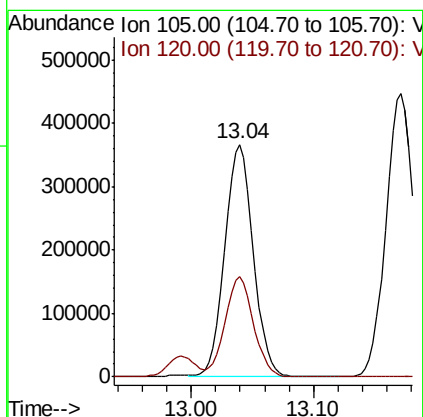
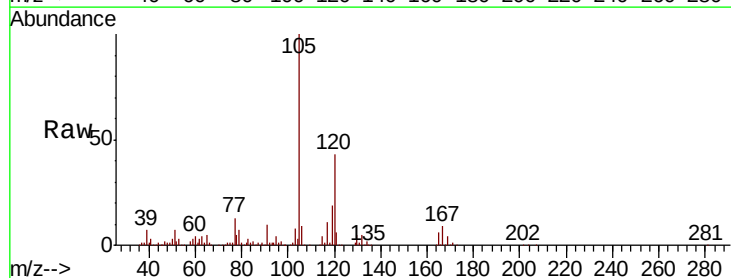
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS02

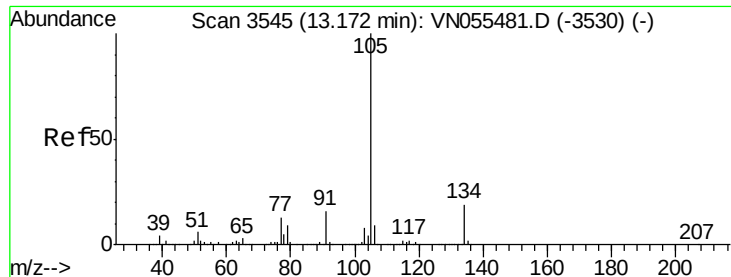
Tot Ion:119 Resp: 551597
 Ion Ratio Lower Upper
 119 100
 91 67.8 33.8 101.3
 134 24.5 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.841 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Tgt Ion:105 Resp: 599237
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.253 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

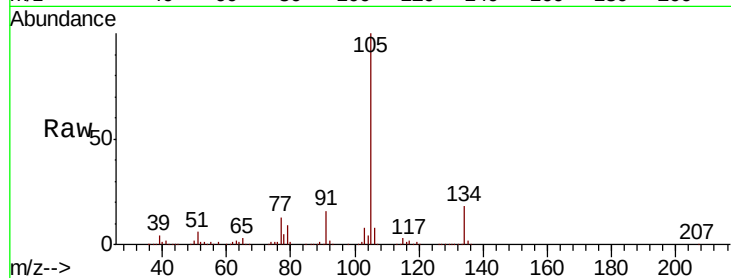
VN0510WBS02

Tot Ion:105 Resp: 722243

Ion Ratio Lower Upper

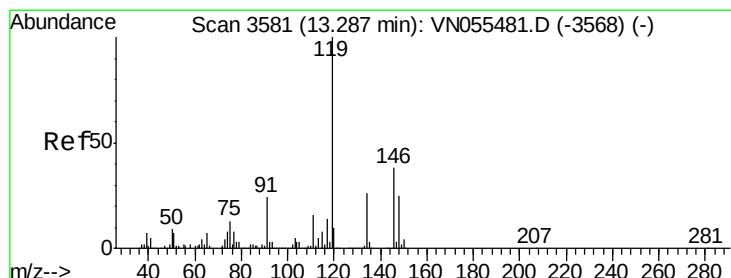
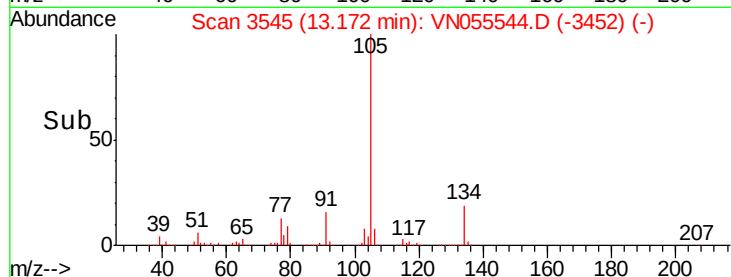
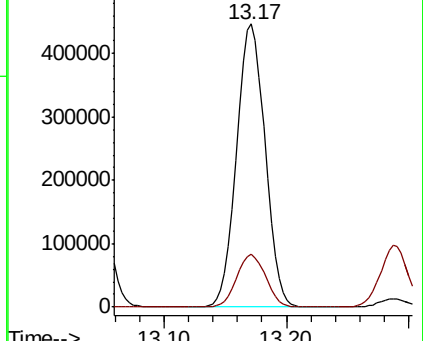
105 100

134 18.8 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.465 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

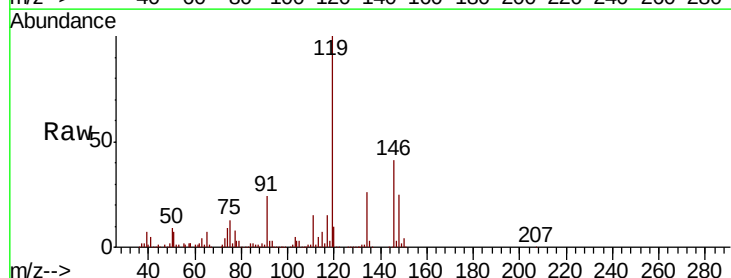
Tgt Ion:119 Resp: 594283

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

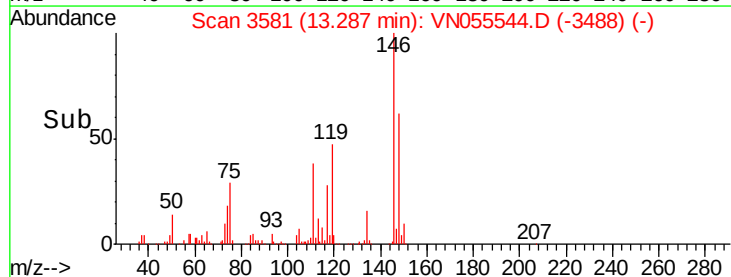
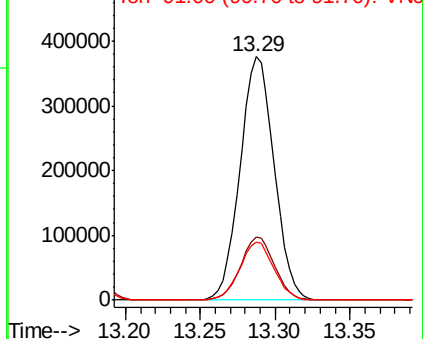
91 24.0 12.0 36.0

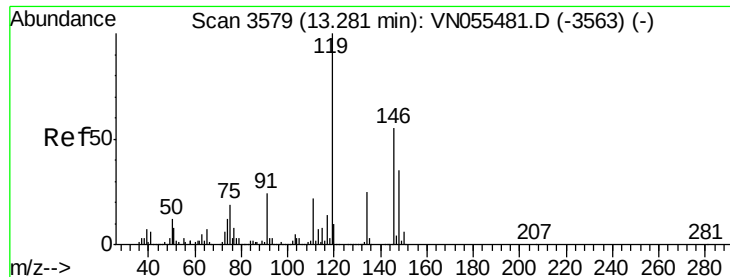


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.302 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

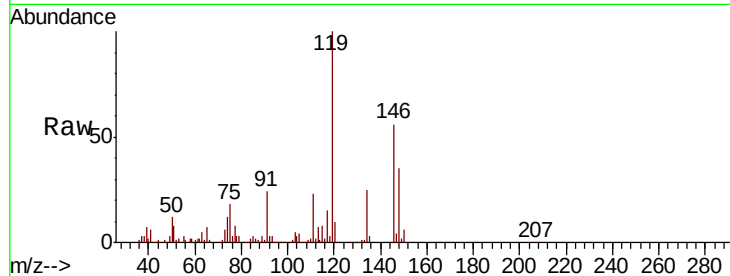
Tot Ion:146 Resp: 284672

Ion Ratio Lower Upper

146 100

111 39.6 20.4 61.3

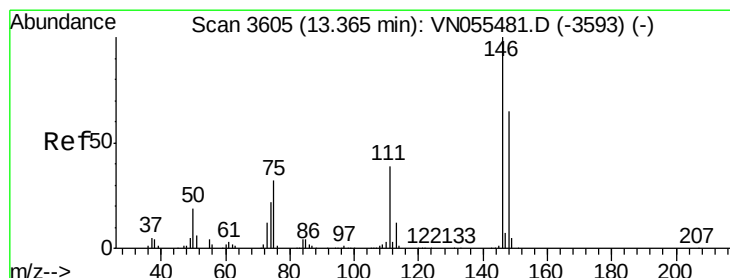
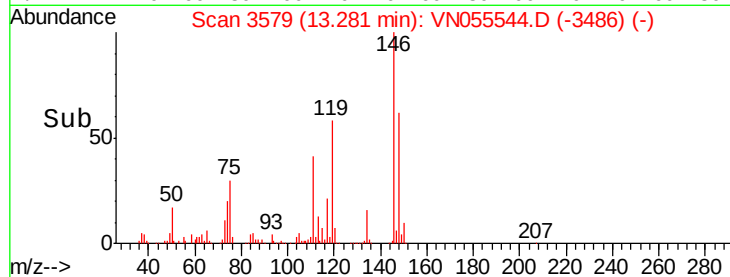
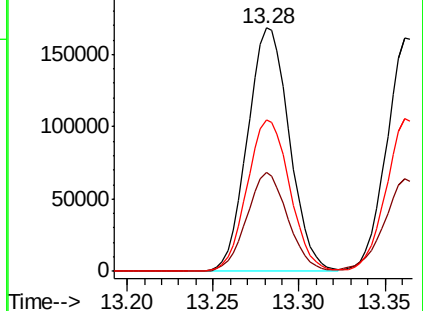
148 63.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.603 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

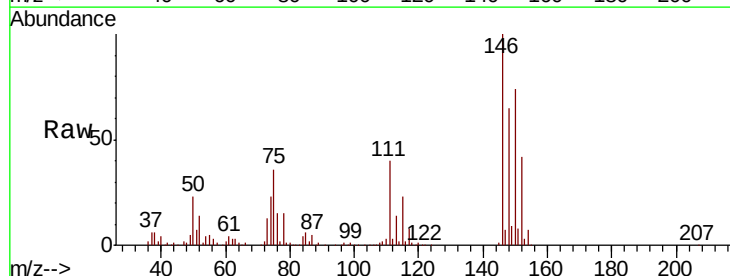
Tgt Ion:146 Resp: 271272

Ion Ratio Lower Upper

146 100

111 40.9 19.6 58.8

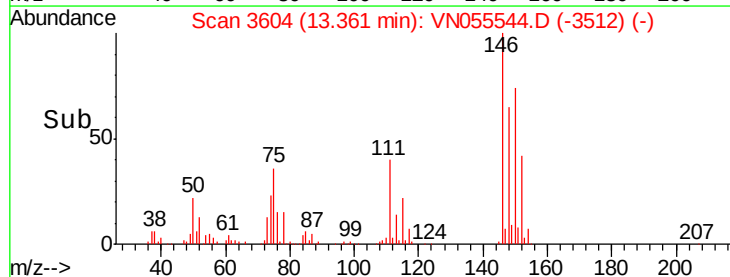
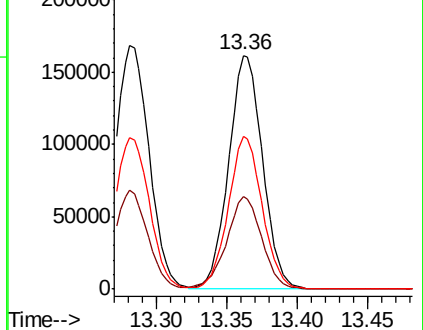
148 65.4 32.5 97.4

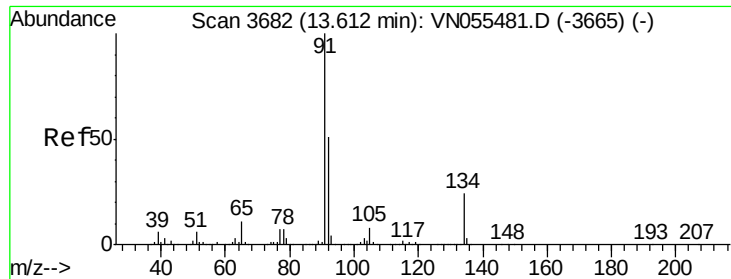


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.776 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

VN0510WBS02

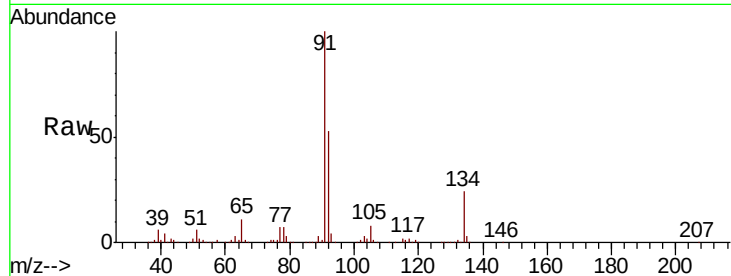
Tot Ion: 91 Resp: 420676

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.7

134 24.3 11.8 35.4

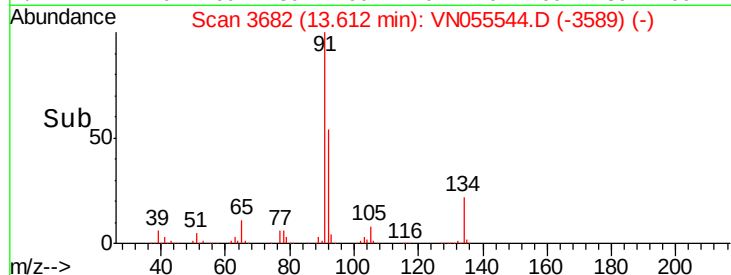


Abundance Ion 91.00 (90.70 to 91.70): VN055481.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN055481.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN055481.D (-3665) (-)

Time-->

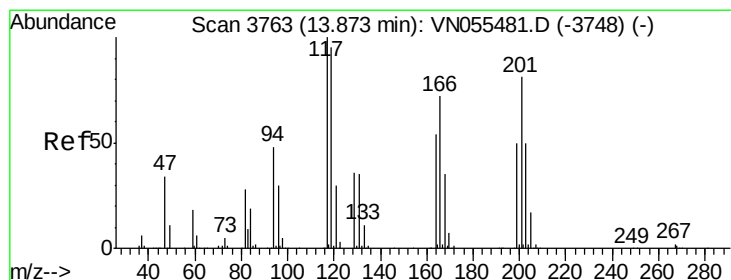


Abundance Ion 91.00 (90.70 to 91.70): VN055544.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN055544.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN055544.D (-3589) (-)

Time-->



#90

Hexachloroethane

Concen: 19.103 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055544.D

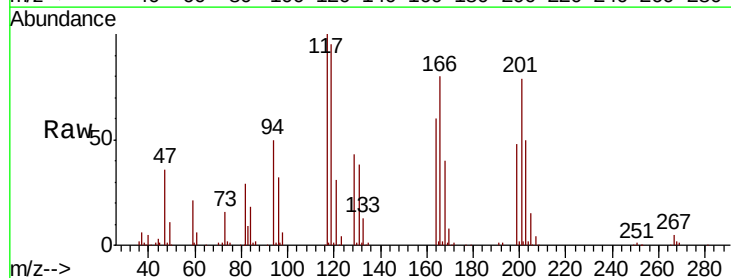
Acq: 10 May 2019 11:56

Tgt Ion: 117 Resp: 95140

Ion Ratio Lower Upper

117 100

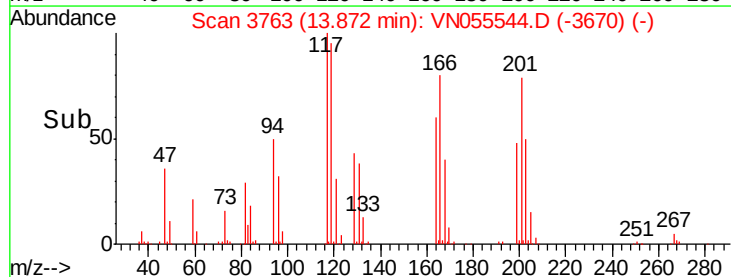
201 80.0 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): VN055481.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN055481.D (-3748) (-)

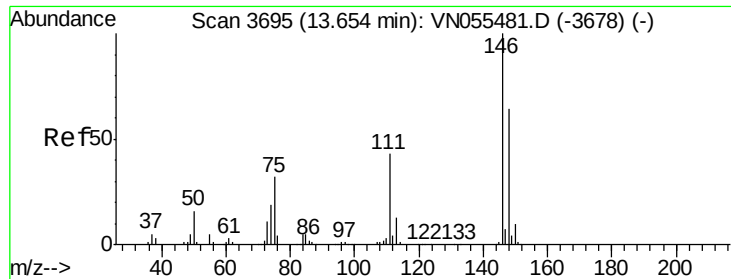
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN055544.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN055544.D (-3670) (-)

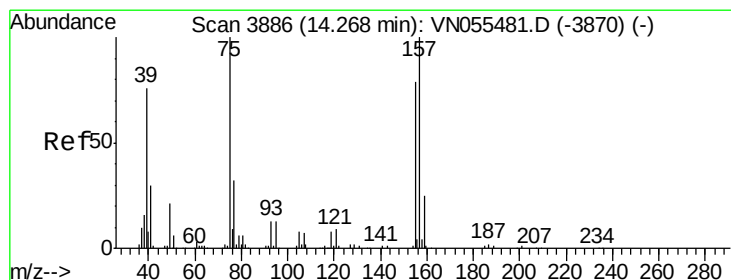
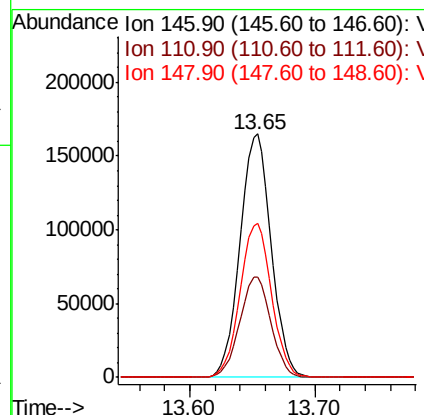
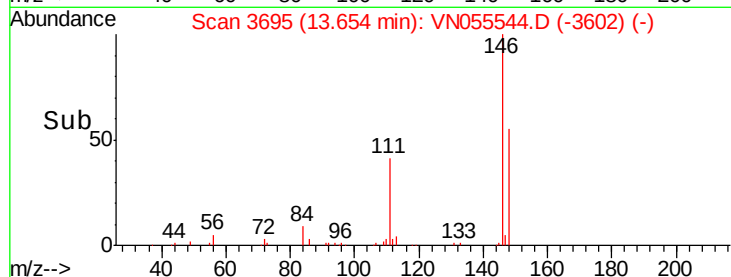
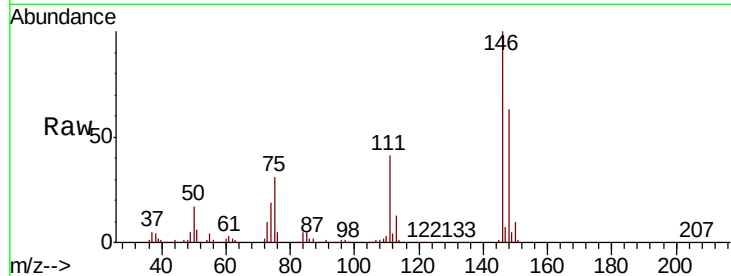
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 20.319 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

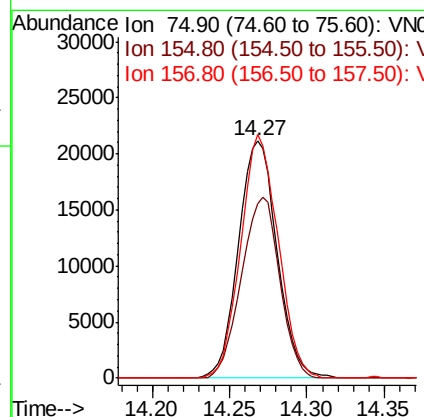
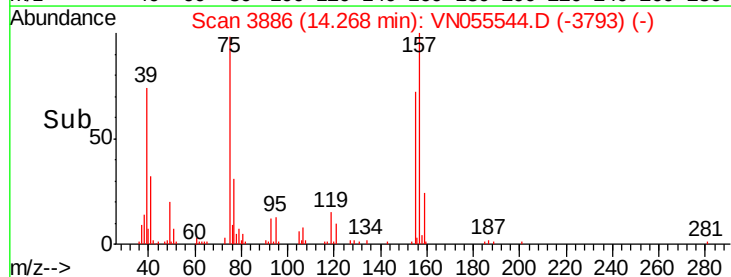
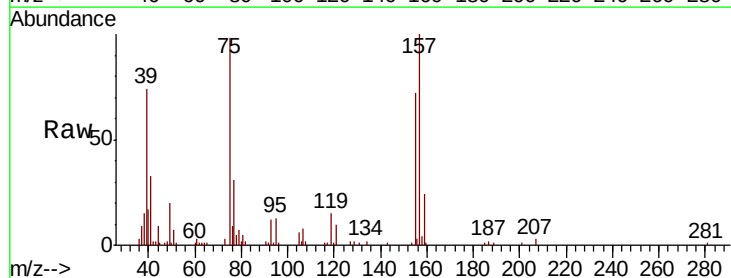
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS02

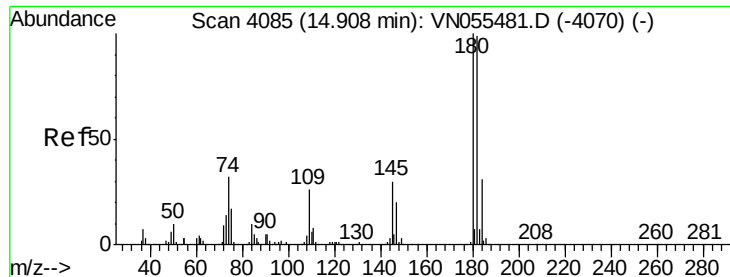
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.7
148	63.7	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.362 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	39.3	117.8
157	99.3	50.6	151.8

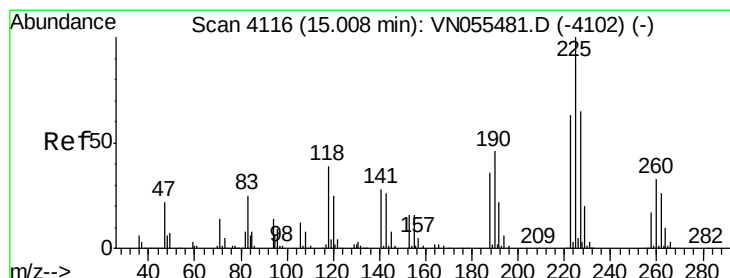
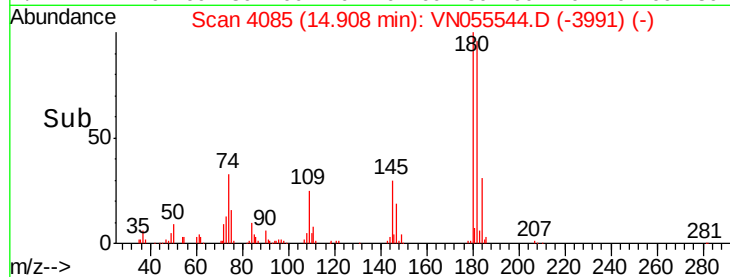
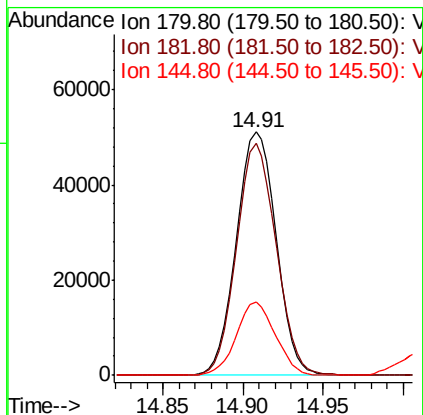
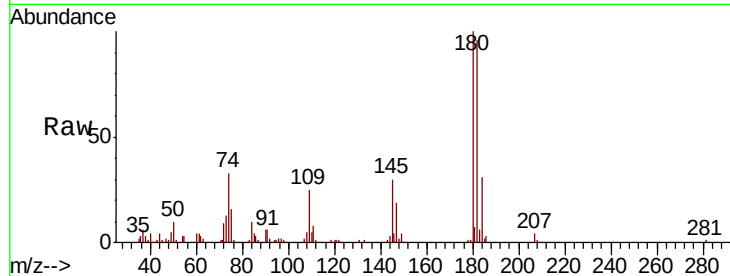




#93
 1,2,4-Trichlorobenzene
 Concen: 16.504 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

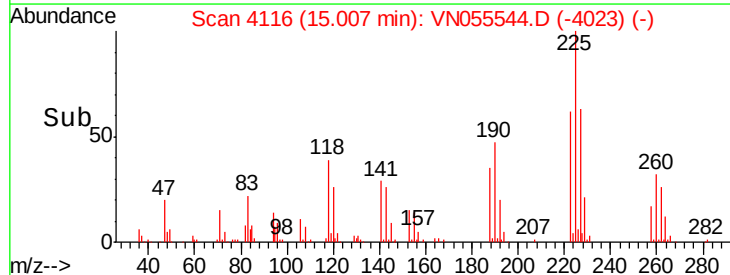
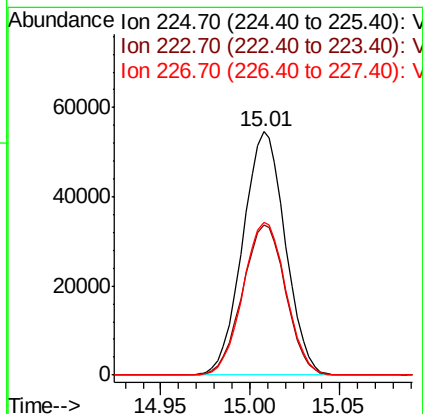
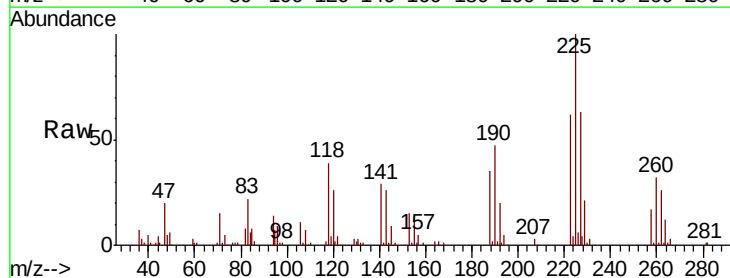
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS02

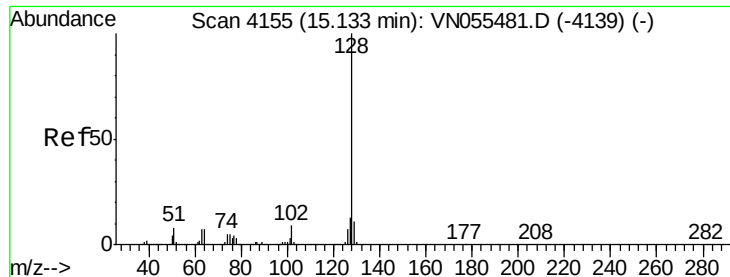
Tot Ion:180 Resp: 86710
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.7 146.1
 145 29.4 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 20.639 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055544.D
 Acq: 10 May 2019 11:56

Tgt Ion:225 Resp: 91267
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.4 94.3
 227 63.4 32.0 96.0





#95

Naphthalene

Concen: 15.918 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS02

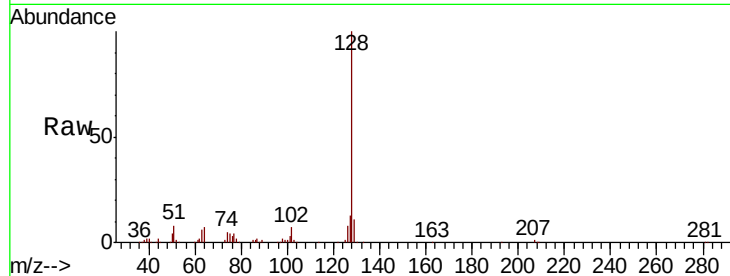
Tot Ion:128 Resp: 236773

Ion Ratio Lower Upper

128 100

127 12.2 10.0 15.0

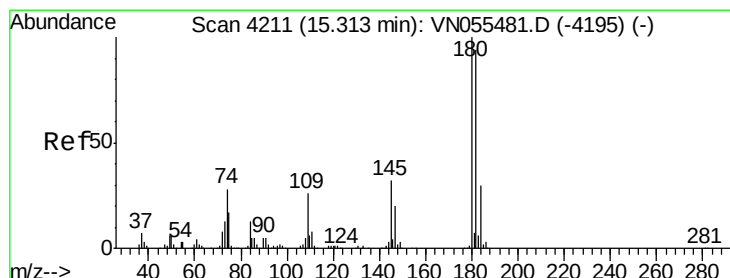
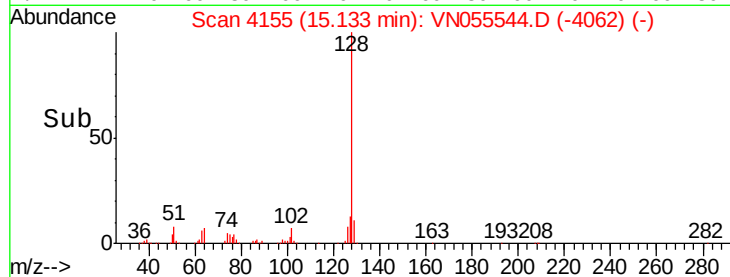
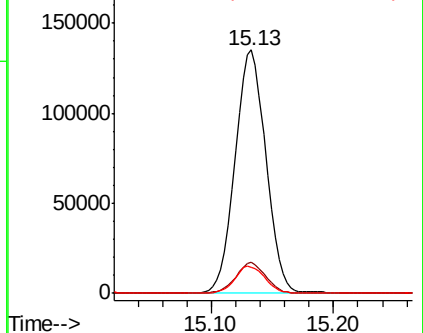
129 10.8 8.8 13.2



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: 16.547 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055544.D

Acq: 10 May 2019 11:56

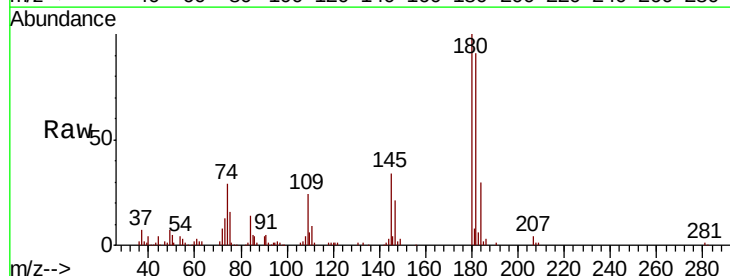
Tgt Ion:180 Resp: 98078

Ion Ratio Lower Upper

180 100

182 93.8 47.1 141.3

145 32.6 15.8 47.4



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

